

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101916\
 Data File : BF090669.D
 Acq On : 20 Oct 2016 1:09
 Operator : UM/SJ
 Sample : PB94156BS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94156BS

Quant Time: Oct 20 01:35:05 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 19 15:13:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	208346	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	909860	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	453740	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	680060	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	456601	20.00	ng	-0.01
86) Perylene-d12	15.50	264	378673	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1464677	128.88	ng	0.01
7) Phenol-d6	6.53	99	1932613	114.44	ng	0.00
23) Nitrobenzene-d5	7.46	82	1227400	74.94	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	395452	97.76	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1900823	69.03	ng	-0.01
78) Terphenyl-d14	13.00	244	1523654	77.70	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	196771	30.38	ng	97
3) Pyridine	3.31	79	463535	31.93	ng	95
4) n-Nitrosodimethylamine	3.25	42	208283	41.26	ng	100
6) Aniline	6.55	93	385214	18.88	ng	98
8) 2-Chlorophenol	6.67	128	537142	36.45	ng	97
9) Benzaldehyde	6.43	77	45626	4.25	ng	89
10) Phenol	6.54	94	729506	37.77	ng	99
11) bis(2-Chloroethyl)ether	6.62	93	572838	35.95	ng	97
12) 1,3-Dichlorobenzene	6.83	146	529732	36.05	ng	98
13) 1,4-Dichlorobenzene	6.91	146	522480	32.69	ng	98
14) 1,2-Dichlorobenzene	7.06	146	566476	37.91	ng	100
15) Benzyl Alcohol	7.03	79	479436	41.68	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.17	45	885714	39.50	ng	92
17) 2-Methylphenol	7.15	107	456926	39.79	ng	97
18) Hexachloroethane	7.40	117	219779	34.79	ng	99
19) n-Nitroso-di-n-propylamine	7.30	70	437445	37.78	ng	98
20) 3+4-Methylphenols	7.30	107	541946	38.93	ng	99
22) Acetophenone	7.30	105	749867	37.31	ng	94
24) Nitrobenzene	7.47	77	604540	35.96	ng	98
25) Isophorone	7.71	82	1143604	38.36	ng	99
26) 2-Nitrophenol	7.79	139	244084	32.01	ng	97
27) 2,4-Dimethylphenol	7.83	122	484017	38.25	ng	98
28) bis(2-Chloroethoxy)methane	7.93	93	693910	39.42	ng	99
29) 2,4-Dichlorophenol	8.03	162	370425	33.42	ng	88
30) 1,2,4-Trichlorobenzene	8.12	180	422873	32.57	ng	98
31) Naphthalene	8.20	128	1578046	34.05	ng	99
32) Benzoic acid	7.94	122	138673	17.84	ng	96
33) 4-Chloroaniline	8.25	127	231741	13.08	ng	98
34) Hexachlorobutadiene	8.31	225	239539	33.02	ng	100
35) Caprolactam	8.61	113	115773	37.42	ng	# 77
36) 4-Chloro-3-methylphenol	8.74	107	466319	36.46	ng	# 82
37) 2-Methylnaphthalene	8.89	142	955576	35.10	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	438461	36.45	ng	99
40) Hexachlorocyclopentadiene	9.05	237	304123	51.75	ng	97

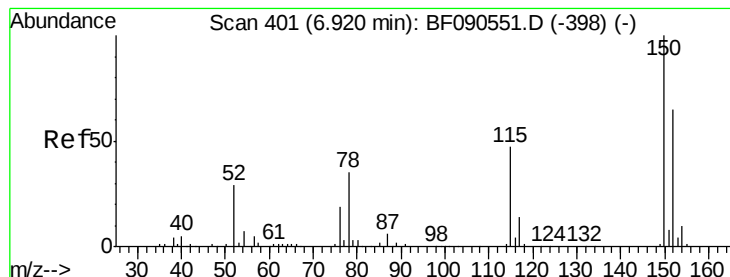
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101916\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	275774	40.64	ng	99
43) 2,4,5-Trichlorophenol	9.22	196	264018	32.61	ng	# 86
45) 1,1'-Biphenyl	9.35	154	1238608	35.87	ng	99
46) 2-Chloronaphthalene	9.38	162	929579	36.11	ng	100
47) 2-Nitroaniline	9.48	65	346747	37.15	ng	92
48) Acenaphthylene	9.79	152	1381090	33.69	ng	99
49) Dimethylphthalate	9.65	163	1003769	34.10	ng	100
50) 2,6-Dinitrotoluene	9.72	165	239250	37.14	ng	95
51) Acenaphthene	9.96	154	849324	31.17	ng	99
52) 3-Nitroaniline	9.89	138	177867	22.00	ng	90
53) 2,4-Dinitrophenol	9.99	184	36213	15.30	ng	# 88
54) Dibenzofuran	10.13	168	1222601	34.11	ng	# 88
55) 4-Nitrophenol	10.05	139	245148	50.39	ng	90
56) 2,4-Dinitrotoluene	10.12	165	314259	35.92	ng	95
57) Fluorene	10.47	166	1010603	34.18	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	208306	30.90	ng	97
59) Diethylphthalate	10.35	149	1090679	36.53	ng	99
60) 4-Chlorophenyl-phenylether	10.47	204	502404	36.05	ng	99
61) 4-Nitroaniline	10.51	138	237745	29.33	ng	97
62) Azobenzene	10.63	77	1384215	40.08	ng	99
64) 4,6-Dinitro-2-methylphenol	10.53	198	32064	7.79	ng	82
65) n-Nitrosodiphenylamine	10.59	169	824561	36.71	ng	99
66) 4-Bromophenyl-phenylether	10.97	248	250016	34.26	ng	99
67) Hexachlorobenzene	11.03	284	280671	35.43	ng	# 63
68) Atrazine	11.11	200	199609	32.13	ng	98
69) Pentachlorophenol	11.23	266	206047	52.47	ng	98
70) Phenanthrene	11.45	178	1305094	35.95	ng	100
71) Anthracene	11.49	178	1348072	34.50	ng	100
72) Carbazole	11.65	167	1195626	34.19	ng	100
73) Di-n-butylphthalate	11.98	149	1723930	42.07	ng	100
74) Fluoranthene	12.62	202	1113703	30.50	ng	89
76) Benzidine	12.76	184	147979	13.03	ng	96
77) Pyrene	12.85	202	1079545	35.70	ng	100
79) Butylbenzylphthalate	13.48	149	611116	45.61	ng	97
80) Benzo(a)anthracene	14.04	228	922843	35.50	ng	98
81) 3,3'-Dichlorobenzidine	14.01	252	202406	22.79	ng	# 95
82) Chrysene	14.09	228	976208	38.98	ng	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	857337	47.43	ng	100
84) Di-n-octyl phthalate	14.65	149	1239933	51.16	ng	# 93
85) Indeno(1,2,3-cd)pyrene	16.94	276	801030	55.32	ng	98
87) Benzo(b)fluoranthene	15.09	252	921910	37.20	ng	# 94
88) Benzo(k)fluoranthene	15.09	252	921910	34.58	ng	# 97
89) Benzo(a)pyrene	15.45	252	798718	35.21	ng	98
90) Dibenzo(a,h)anthracene	16.96	278	700478	40.49	ng	99
91) Benzo(g,h,i)perylene	17.37	276	613661	37.20	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 398

Delta R.T. 0.00 min

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PB94156BS

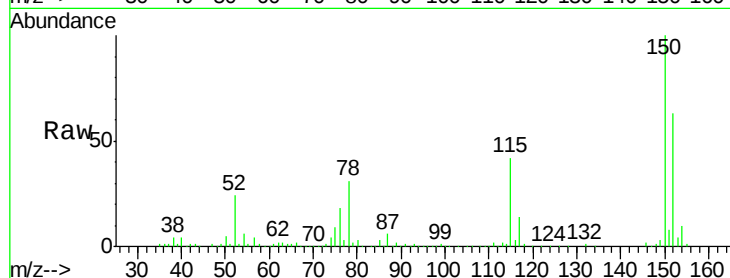
Tgt Ion: 152 Resp: 208346

Ion Ratio Lower Upper

152 100

150 158.2 127.2 190.8

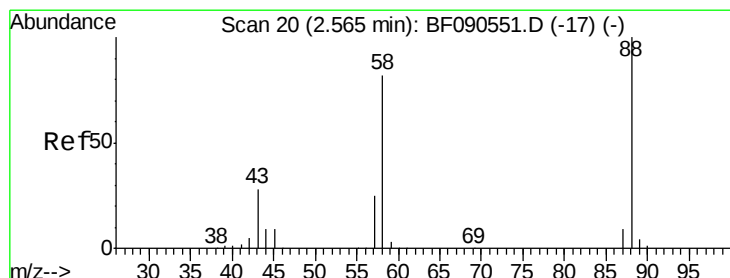
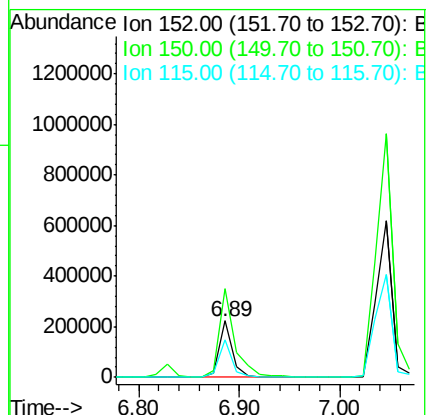
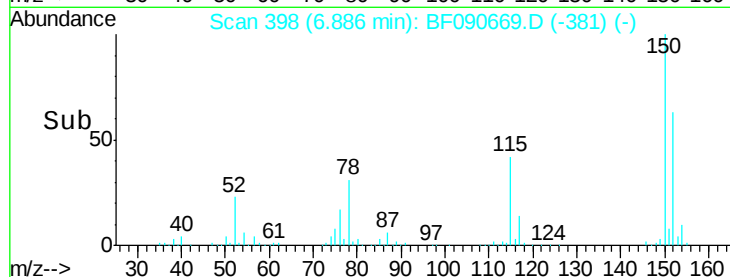
115 67.0 58.6 88.0



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: 30.38 ng

RT: 2.58 min Scan# 21

Delta R.T. 0.06 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

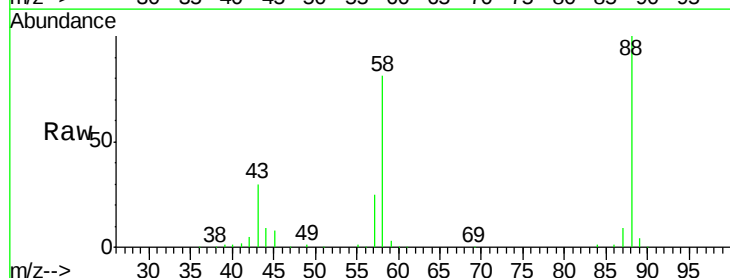
Tgt Ion: 88 Resp: 196771

Ion Ratio Lower Upper

88 100

58 81.7 67.2 100.8

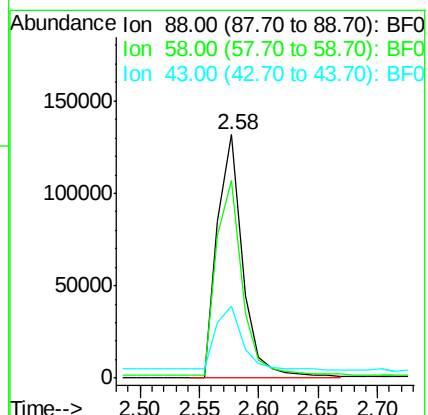
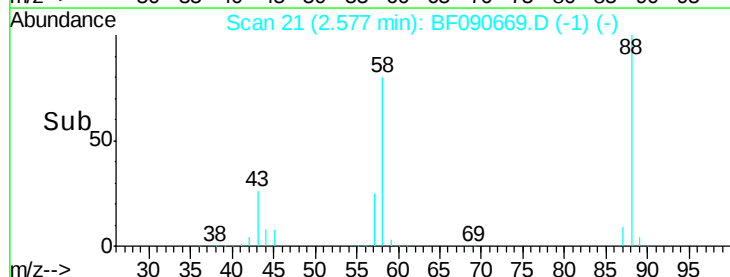
43 28.2 24.1 36.1

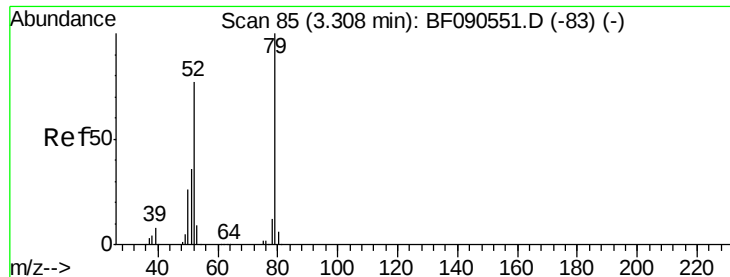


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 31.93 ng

RT: 3.31 min Scan# 85

Delta R.T. 0.06 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

Instrument :

BNA_F

ClientSampleId :

PB94156BS

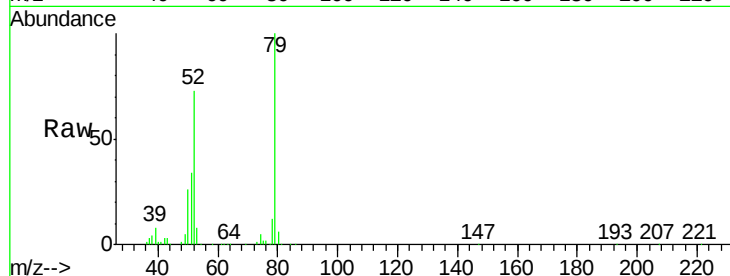
Tgt Ion: 79 Resp: 463535

Ion Ratio Lower Upper

79 100

52 72.8 61.8 92.8

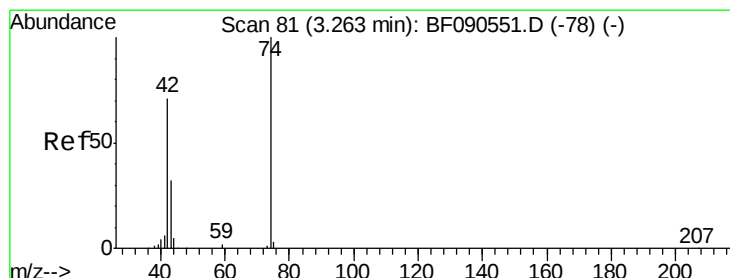
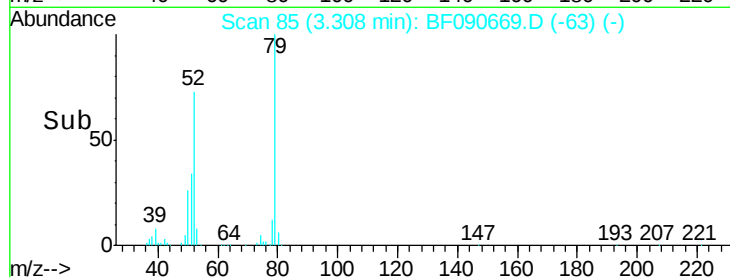
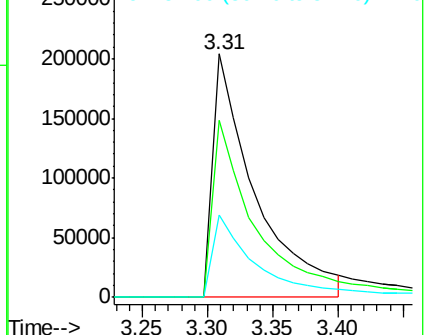
51 34.0 29.2 43.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 41.26 ng

RT: 3.25 min Scan# 80

Delta R.T. 0.03 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

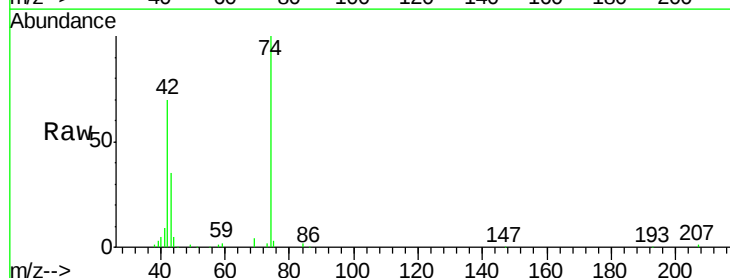
Tgt Ion: 42 Resp: 208283

Ion Ratio Lower Upper

42 100

74 142.2 113.3 169.9

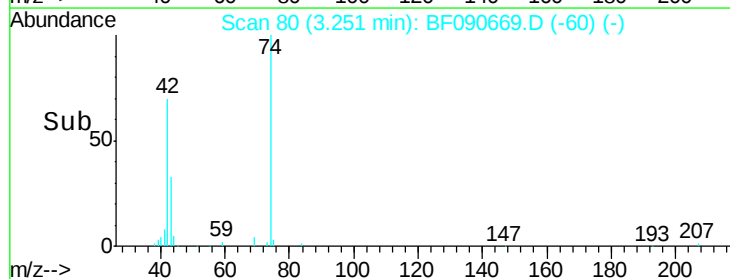
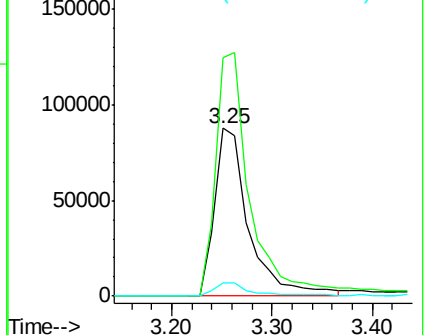
44 7.5 6.0 9.0

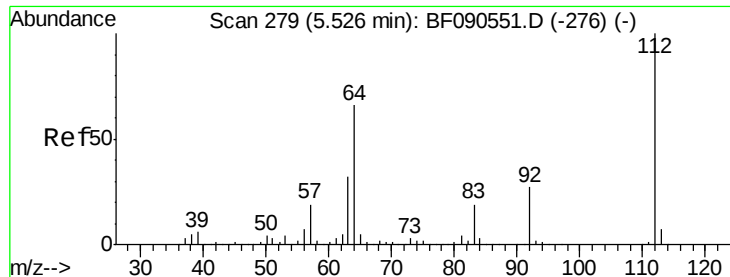


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 128.88 ng

RT: 5.50 min Scan# 277

Delta R.T. 0.01 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

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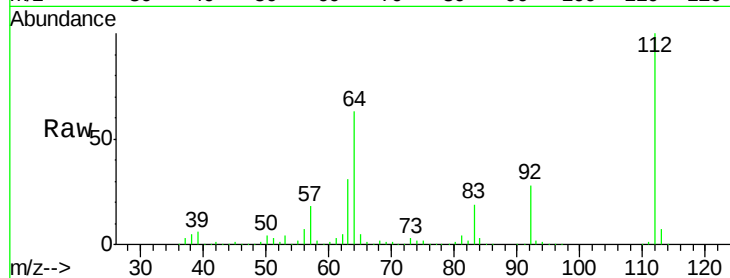
Tgt Ion: 112 Resp: 1464677

Ion Ratio Lower Upper

112 100

64 63.3 52.6 78.8

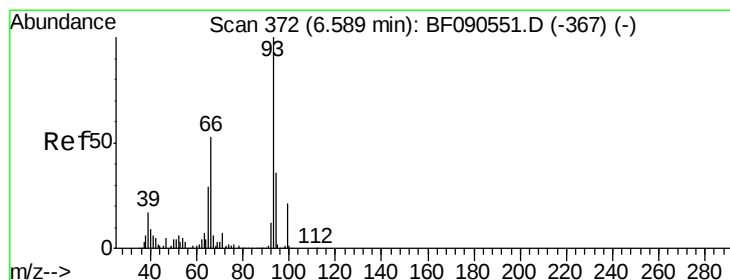
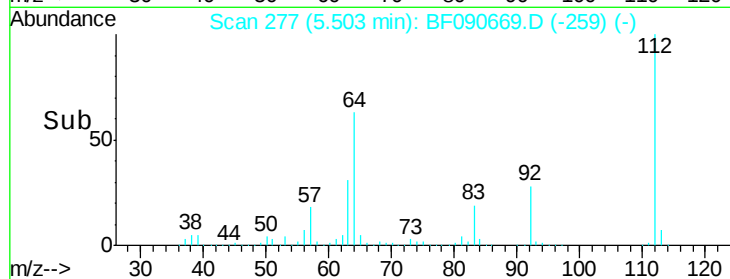
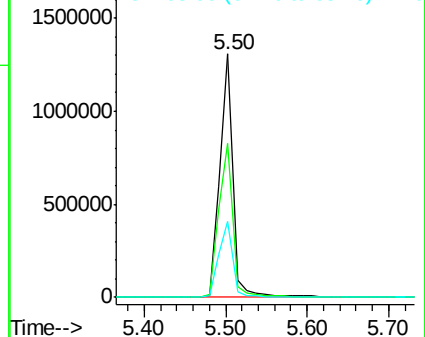
63 31.4 26.0 39.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 18.88 ng

RT: 6.55 min Scan# 369

Delta R.T. 0.00 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

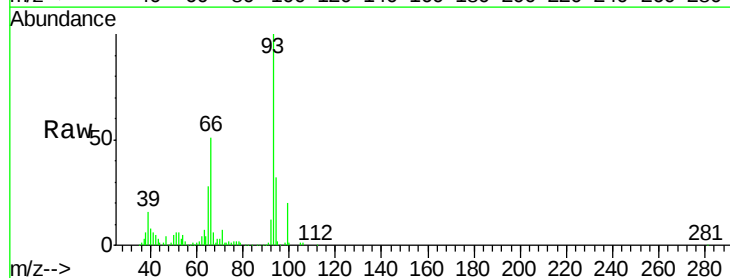
Tgt Ion: 93 Resp: 385214

Ion Ratio Lower Upper

93 100

66 50.8 42.2 63.2

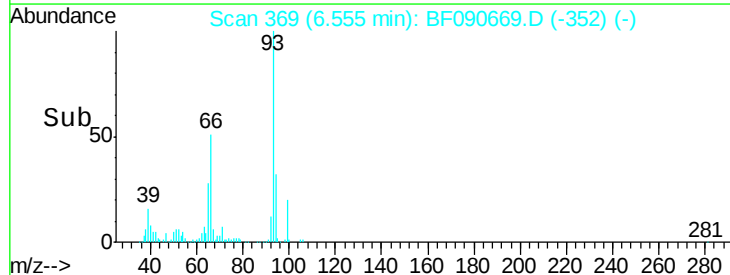
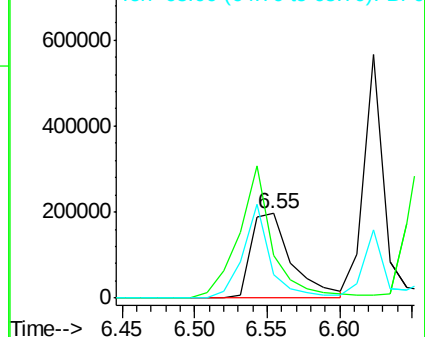
65 28.0 22.9 34.3

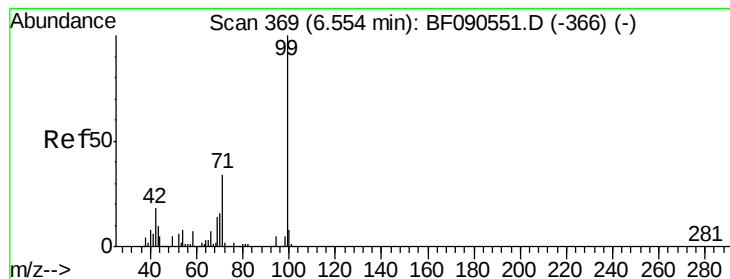


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 114.44 ng

RT: 6.53 min Scan# 367

Delta R.T. 0.00 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

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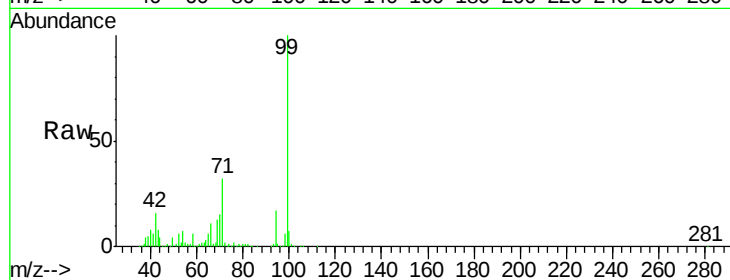
Tgt Ion: 99 Resp: 1932613

Ion Ratio Lower Upper

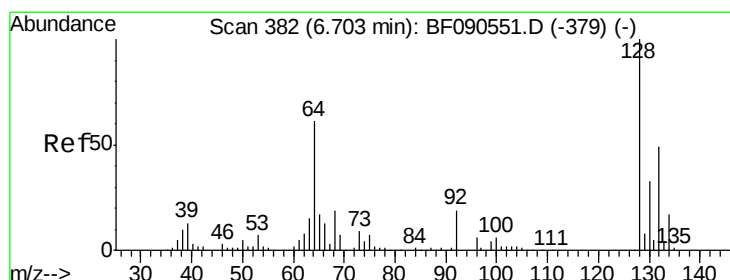
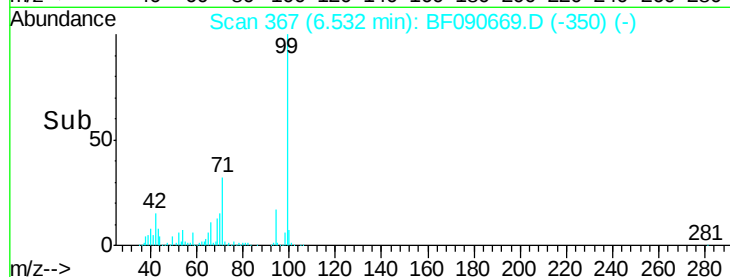
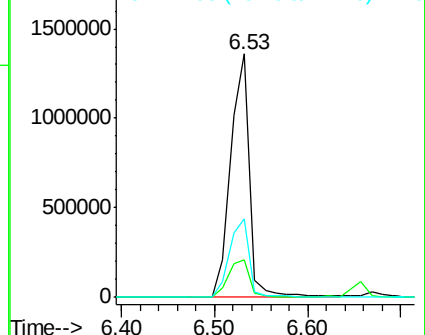
99 100

42 15.5 14.7 22.1

71 32.2 27.6 41.4



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 36.45 ng

RT: 6.67 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

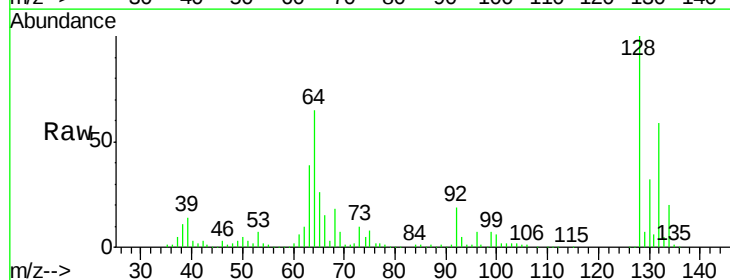
Tgt Ion: 128 Resp: 537142

Ion Ratio Lower Upper

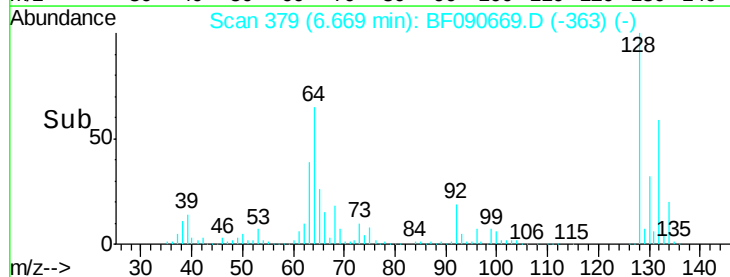
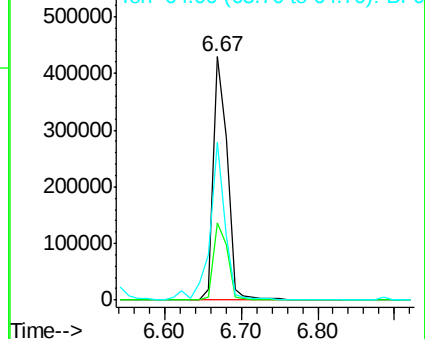
128 100

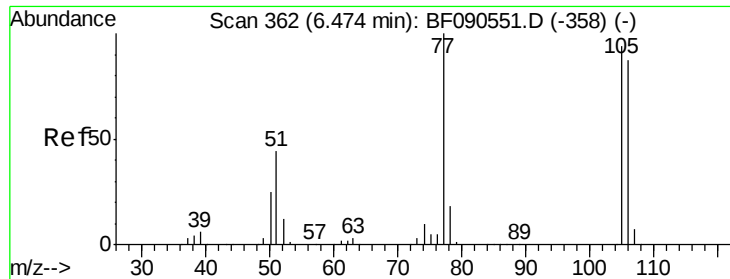
130 31.6 12.6 52.6

64 65.1 42.6 82.6



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 4.25 ng

RT: 6.43 min Scan# 358

Delta R.T. -0.01 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

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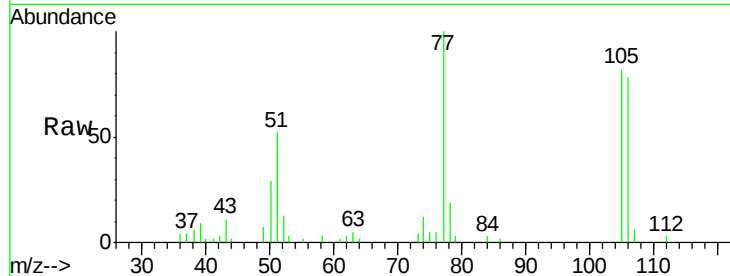
Tgt Ion: 77 Resp: 45626

Ion Ratio Lower Upper

77 100

105 82.0 74.3 114.3

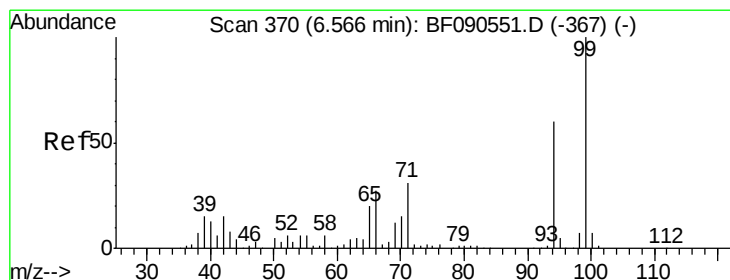
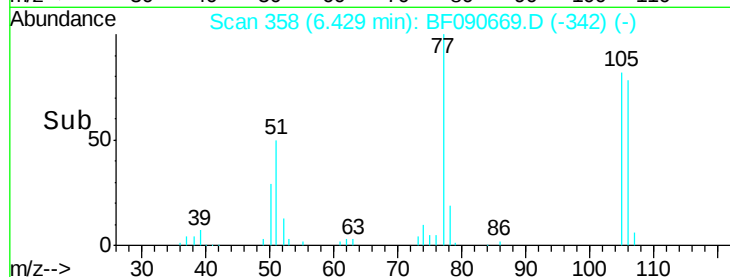
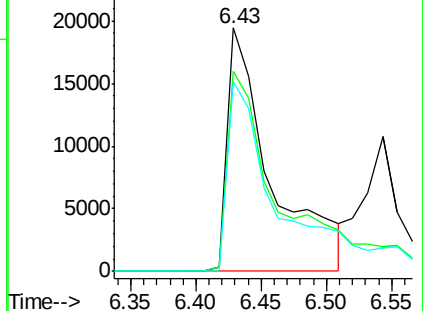
106 77.8 67.2 107.2



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: 37.77 ng

RT: 6.54 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

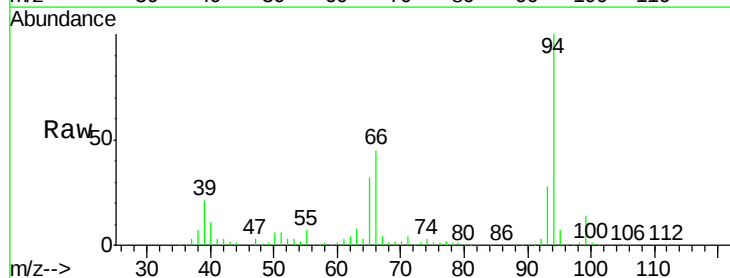
Tgt Ion: 94 Resp: 729506

Ion Ratio Lower Upper

94 100

65 32.1 12.5 52.5

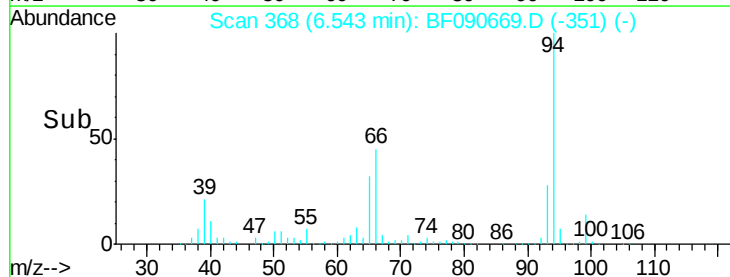
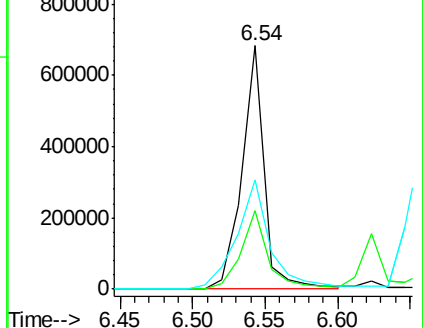
66 45.1 25.5 65.5

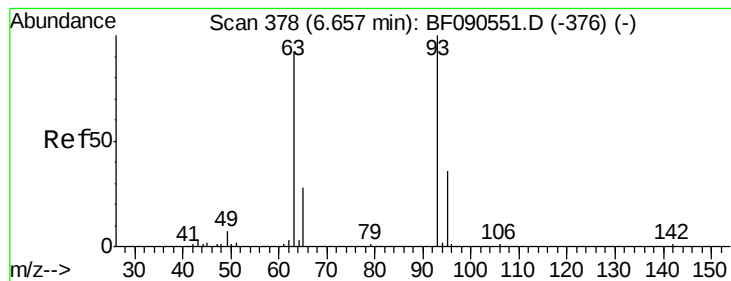


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 35.95 ng

RT: 6.62 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

Instrument :

BNA_F

ClientSampleId :

PB94156BS

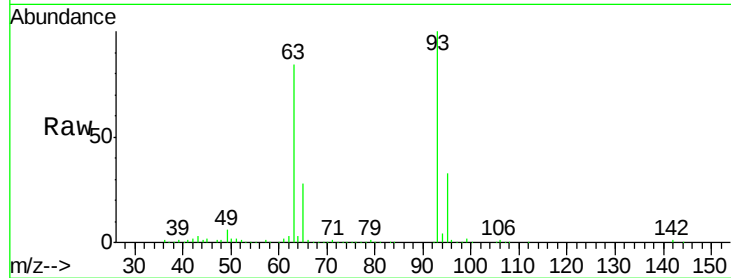
Tgt Ion: 93 Resp: 572838

Ion Ratio Lower Upper

93 100

63 83.9 61.6 101.6

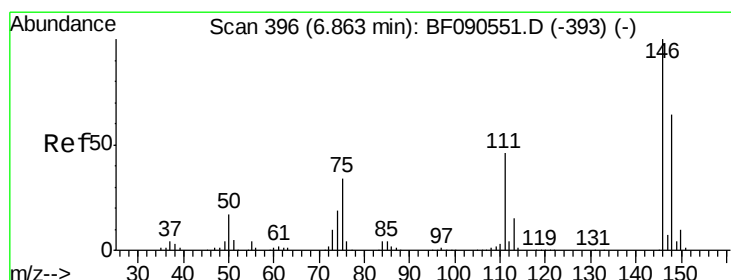
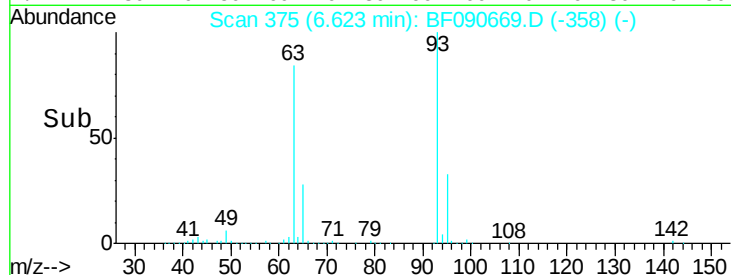
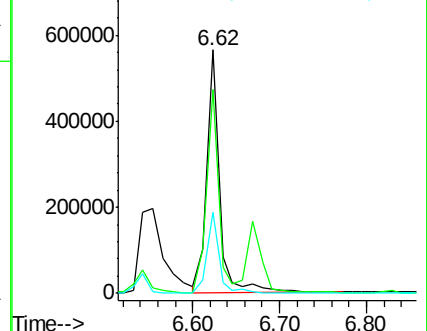
95 33.2 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 36.05 ng

RT: 6.83 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

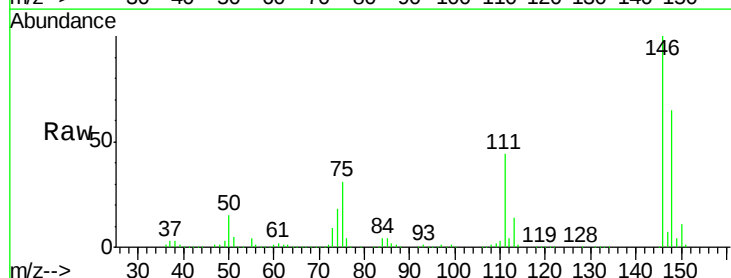
Tgt Ion: 146 Resp: 529732

Ion Ratio Lower Upper

146 100

148 65.3 51.4 77.2

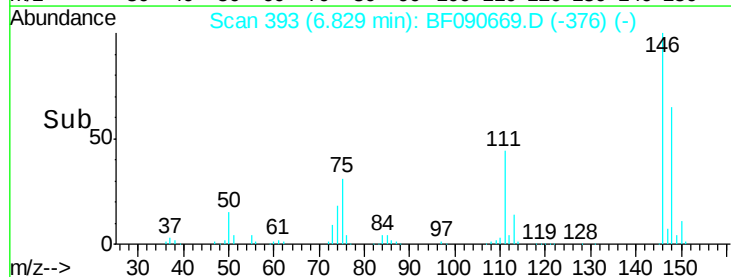
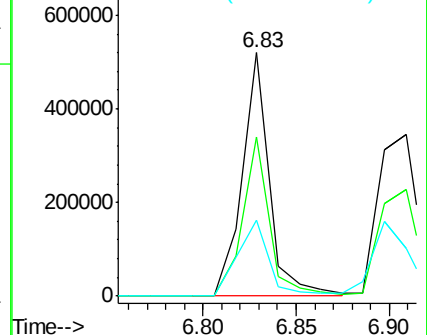
75 31.3 27.0 40.6

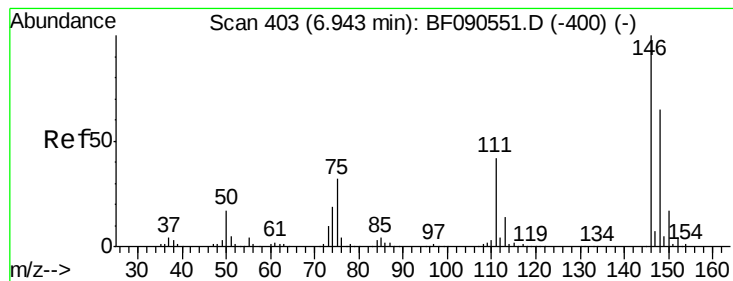


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 32.69 ng

RT: 6.91 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

Instrument :

BNA_F

ClientSampleId :

PB94156BS

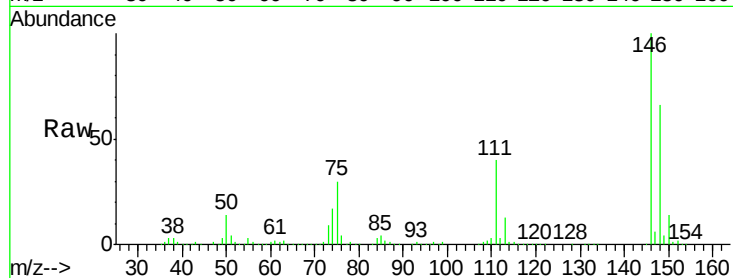
Tgt Ion:146 Resp: 522480

Ion Ratio Lower Upper

146 100

148 66.0 51.9 77.9

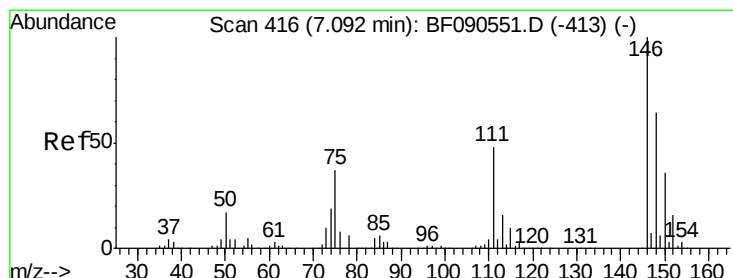
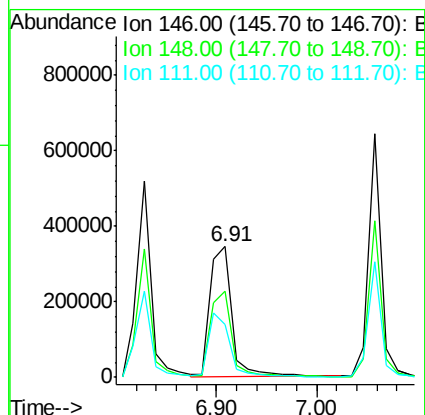
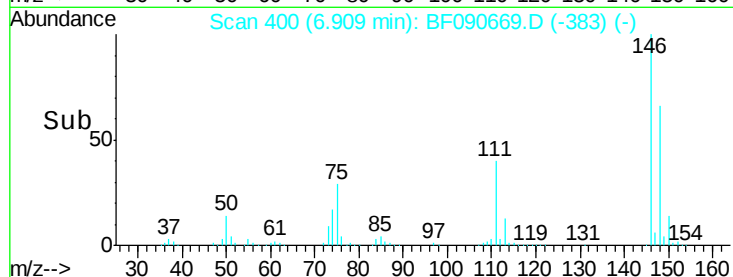
111 40.4 33.7 50.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.91 ng

RT: 7.06 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

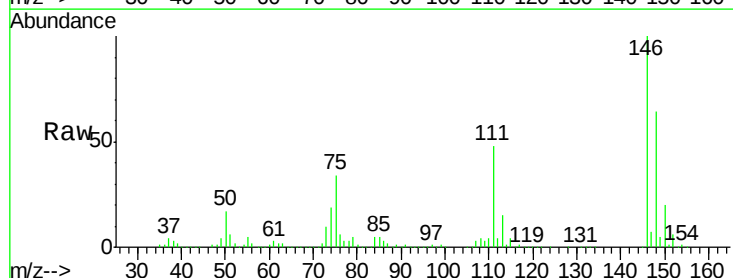
Tgt Ion:146 Resp: 566476

Ion Ratio Lower Upper

146 100

148 64.1 51.2 76.8

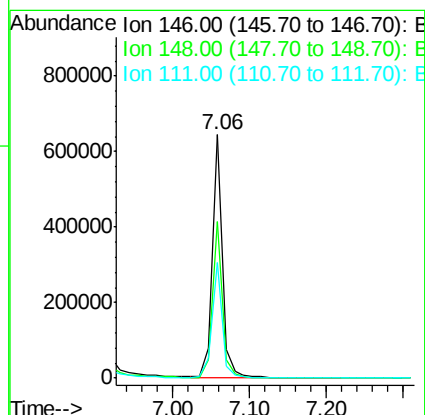
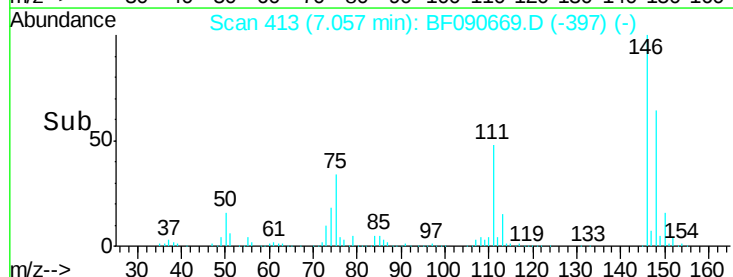
111 47.6 38.2 57.2

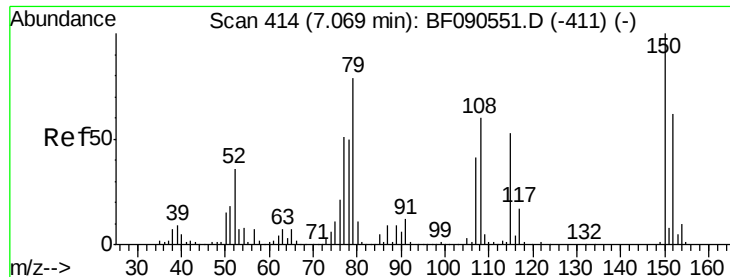


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

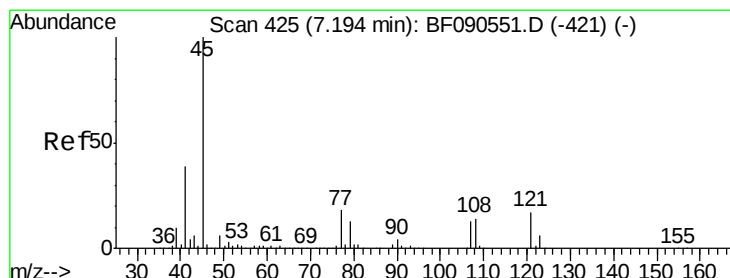
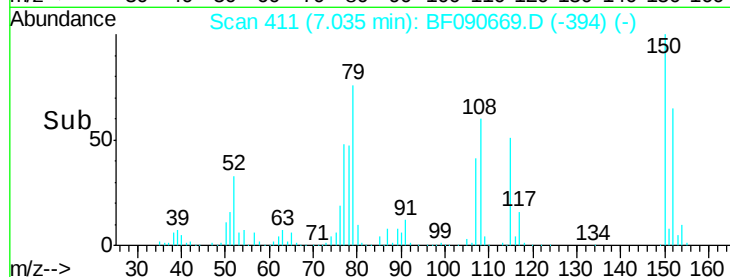
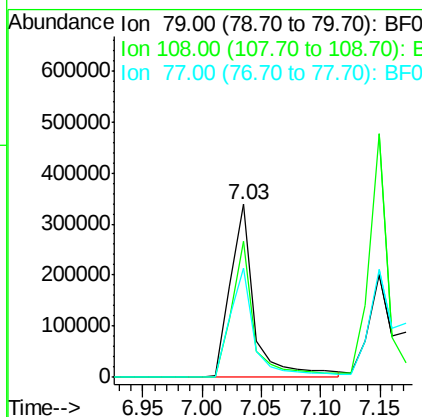
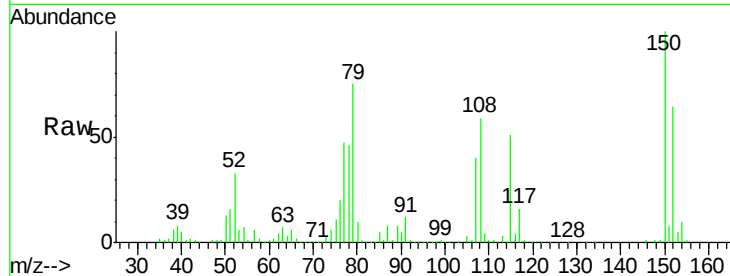




#15
Benzyl Alcohol
Concen: 41.68 ng
RT: 7.03 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF090669.D
Acq: 20 Oct 2016 1:09

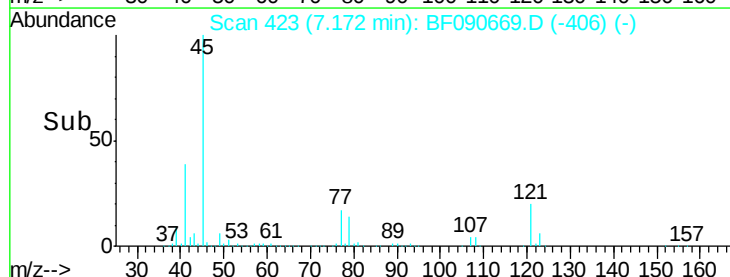
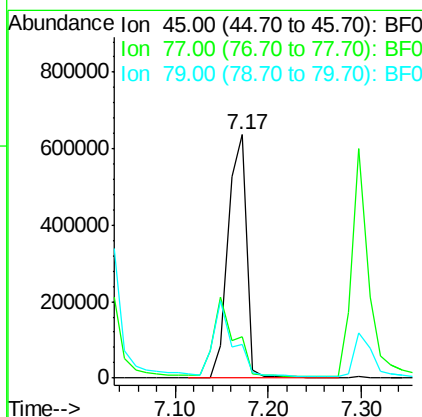
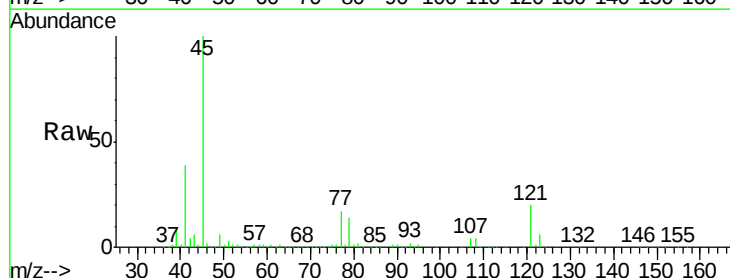
Instrument :
BNA_F
ClientSampleId :
PB94156BS

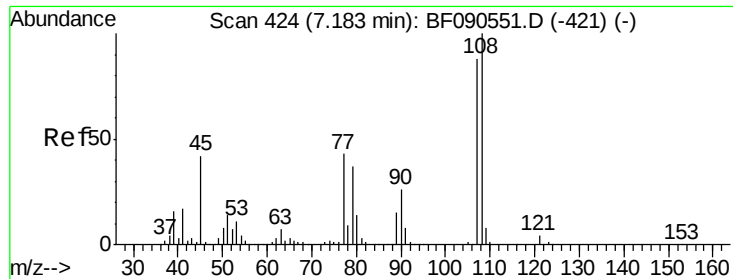
Tgt Ion: 79 Resp: 479436
Ion Ratio Lower Upper
79 100
108 79.0 60.2 90.4
77 63.1 52.0 78.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.50 ng
RT: 7.17 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF090669.D
Acq: 20 Oct 2016 1:09

Tgt Ion: 45 Resp: 885714
Ion Ratio Lower Upper
45 100
77 16.8 0.9 40.9
79 13.9 0.0 37.3

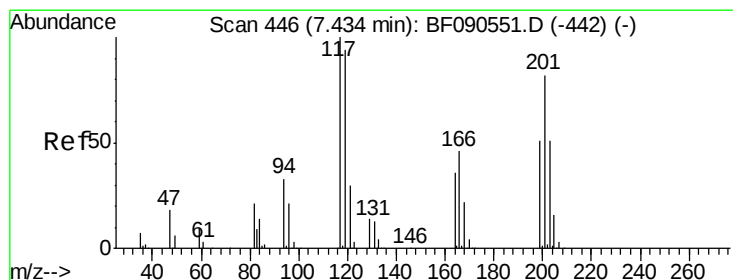
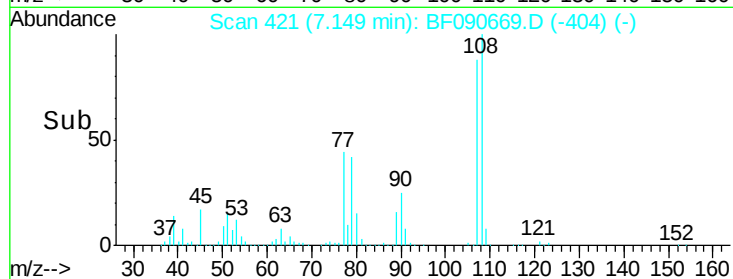
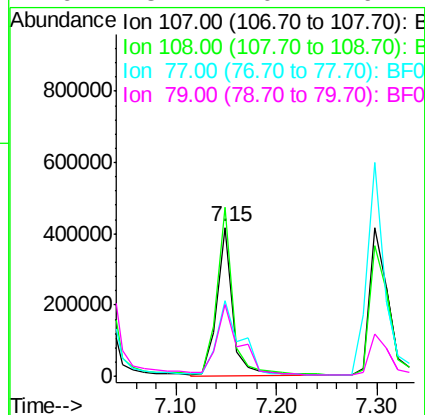
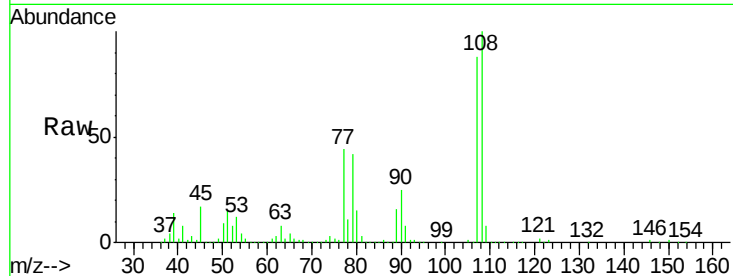




#17
2-Methylphenol
Concen: 39.79 ng
RT: 7.15 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF090669.D
Acq: 20 Oct 2016 1:09

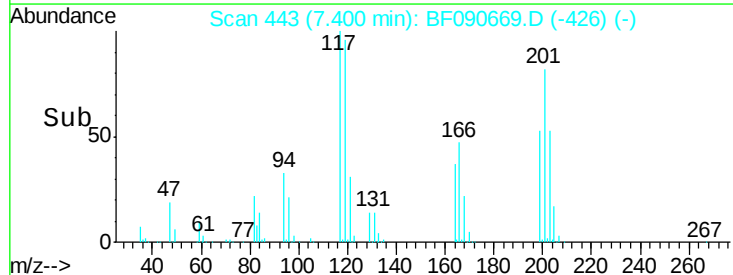
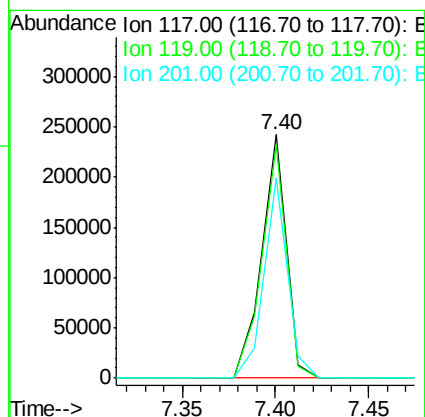
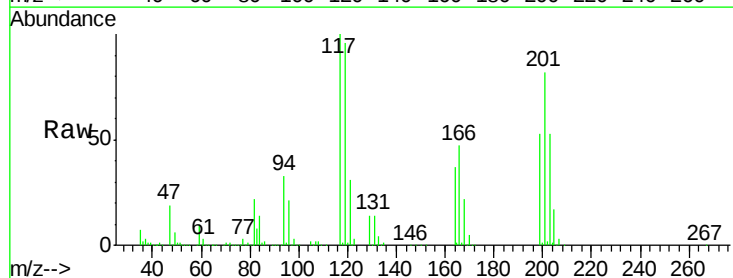
Instrument :
BNA_F
ClientSampleId :
PB94156BS

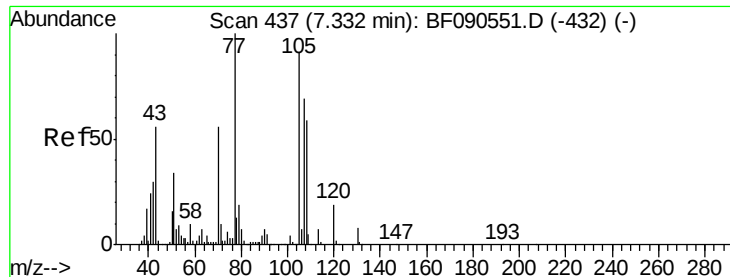
Tgt Ion:	107	Resp:	456926
Ion	Ratio	Lower	Upper
107	100		
108	113.8	92.6	138.8
77	50.5	42.2	63.2
79	48.1	40.7	61.1



#18
Hexachloroethane
Concen: 34.79 ng
RT: 7.40 min Scan# 443
Delta R.T. 0.00 min
Lab File: BF090669.D
Acq: 20 Oct 2016 1:09

Tgt Ion:	117	Resp:	219779
Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.6	113.4
201	82.4	65.4	98.0

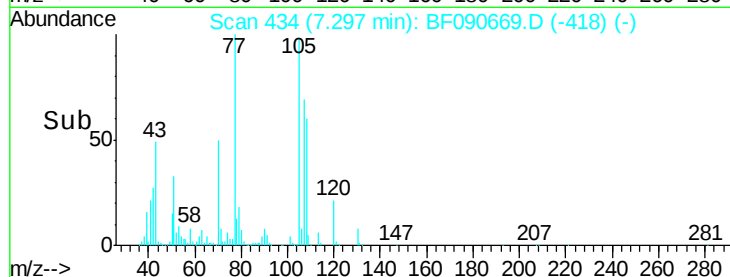
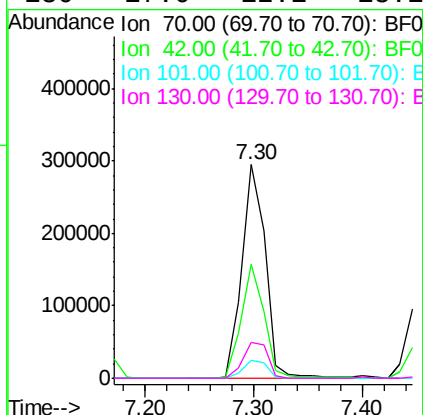
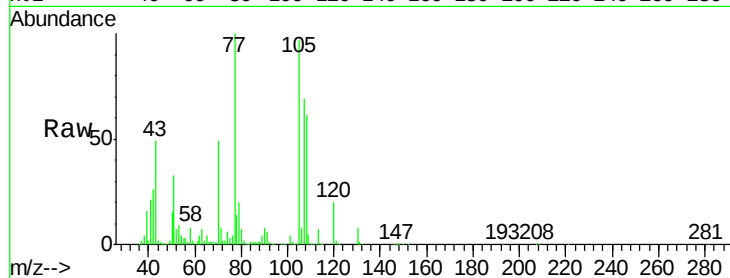




#19
n-Nitroso-di-n-propylamine
Concen: 37.78 ng
RT: 7.30 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF090669.D
Acq: 20 Oct 2016 1:09

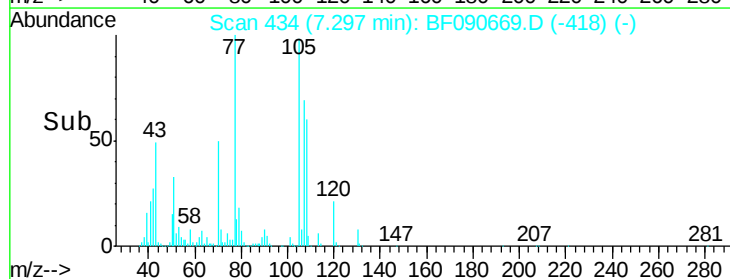
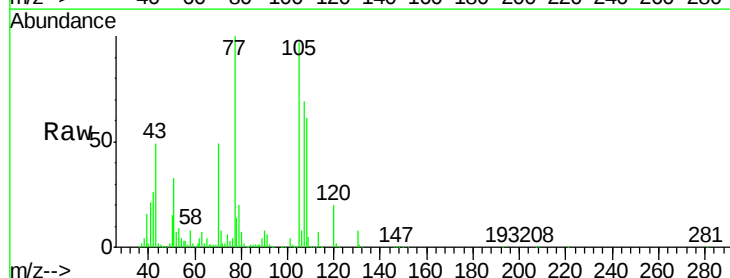
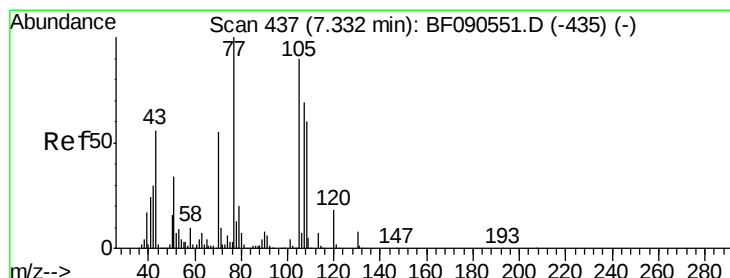
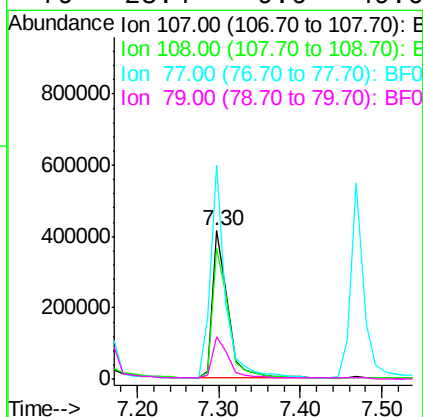
Instrument :
BNA_F
ClientSampleId :
PB94156BS

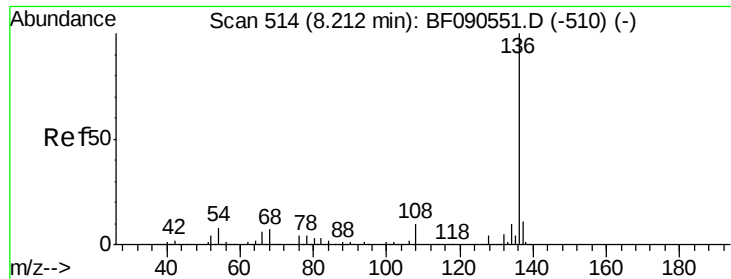
Tgt Ion: 70 Resp: 437445
Ion Ratio Lower Upper
70 100
42 53.6 43.4 65.0
101 8.4 6.4 9.6
130 17.0 12.1 18.1



#20
3+4-Methylphenols
Concen: 38.93 ng
RT: 7.30 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF090669.D
Acq: 20 Oct 2016 1:09

Tgt Ion:107 Resp: 541946
Ion Ratio Lower Upper
107 100
108 87.8 67.7 107.7
77 144.3 123.1 163.1
79 28.4 9.6 49.6

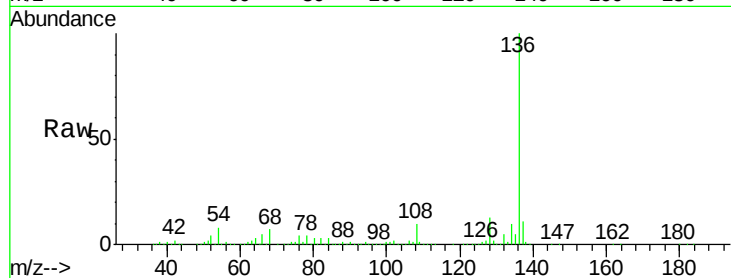




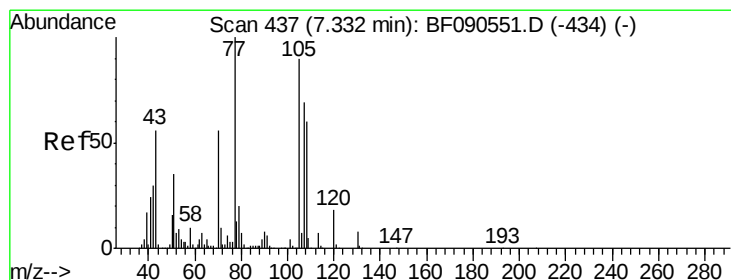
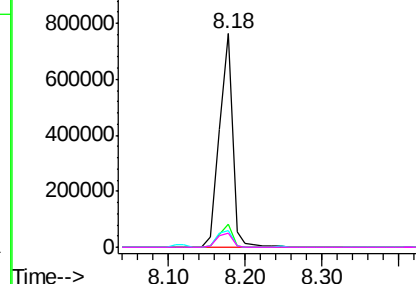
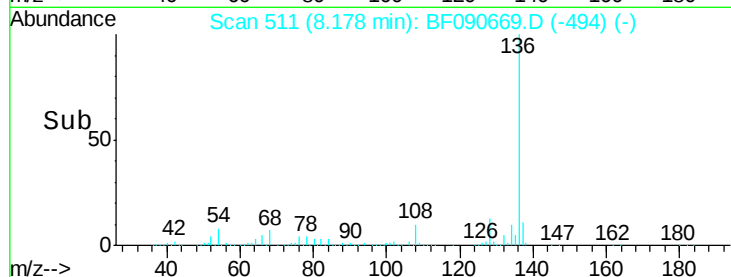
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 511
Delta R.T. 0.00 min
Lab File: BF090669.D
Acq: 20 Oct 2016 1:09

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tgt Ion:	136	Resp:	909860
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.8	13.2
54	7.7	6.8	10.2
68	6.6	6.0	9.0

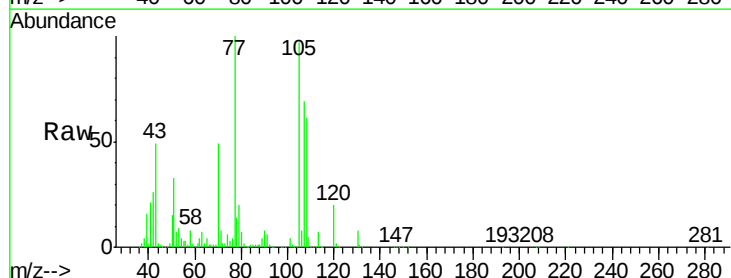


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

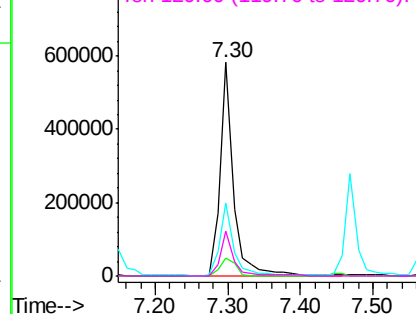
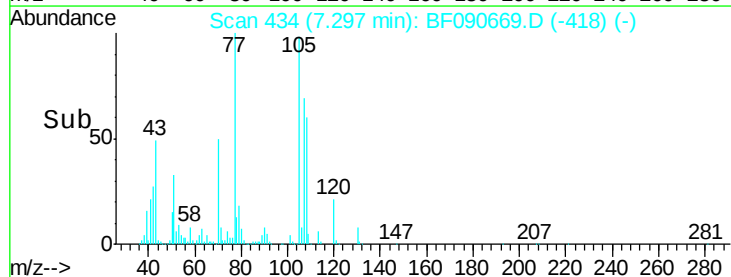


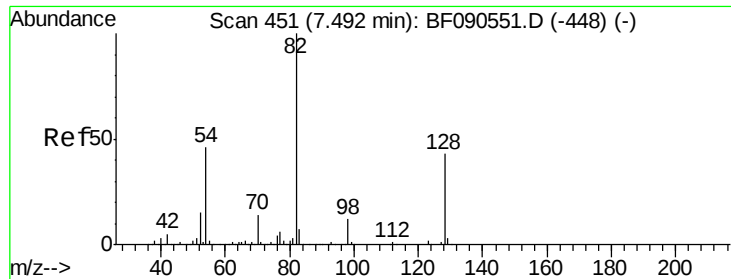
#22
Acetophenone
Concen: 37.31 ng
RT: 7.30 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF090669.D
Acq: 20 Oct 2016 1:09

Tgt Ion:	105	Resp:	749867
Ion Ratio	Lower	Upper	
105	100		
71	8.5	8.5	12.7
51	34.0	31.0	46.4
120	20.9	16.2	24.4



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

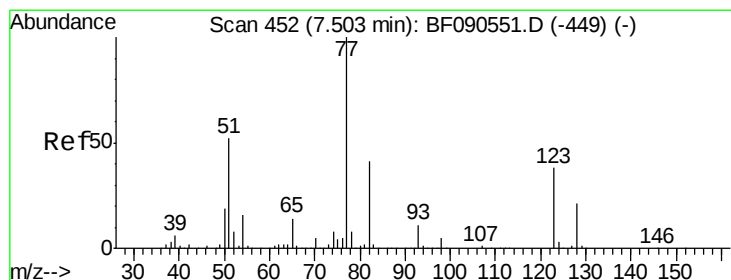
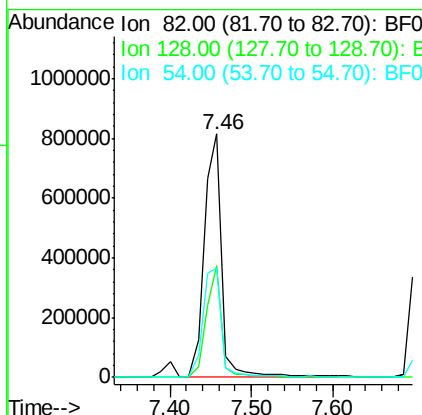
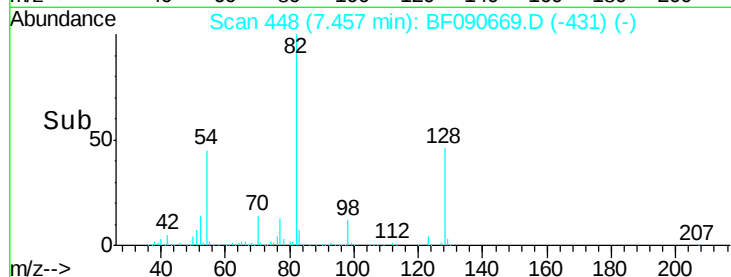
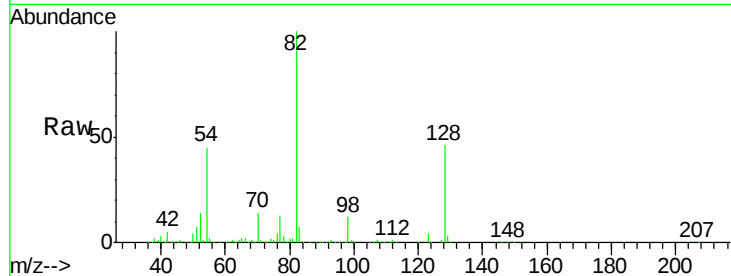




#23
 Nitrobenzene-d5
 Concen: 74.94 ng
 RT: 7.46 min Scan# 448
 Delta R.T. 0.00 min
 Lab File: BF090669.D
 Acq: 20 Oct 2016 1:09

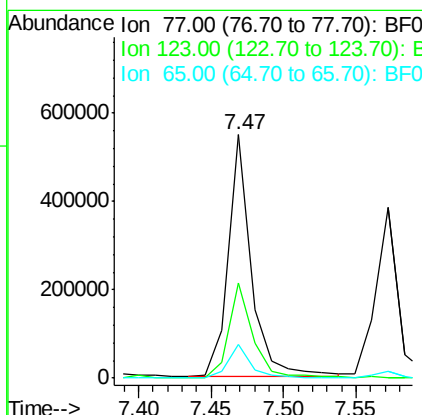
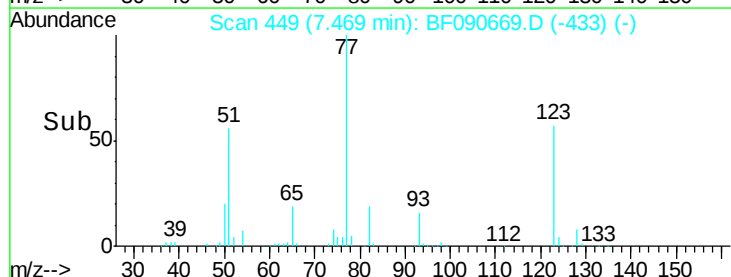
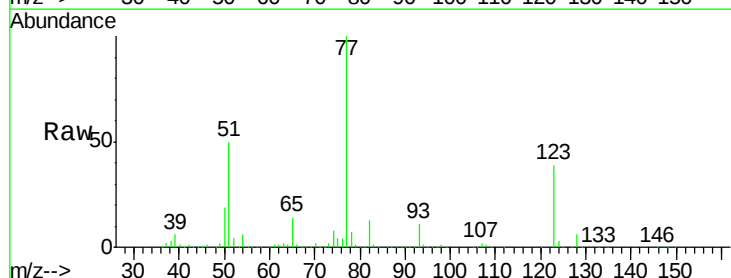
Instrument :
 BNA_F
 ClientSampleId :
 PB94156BS

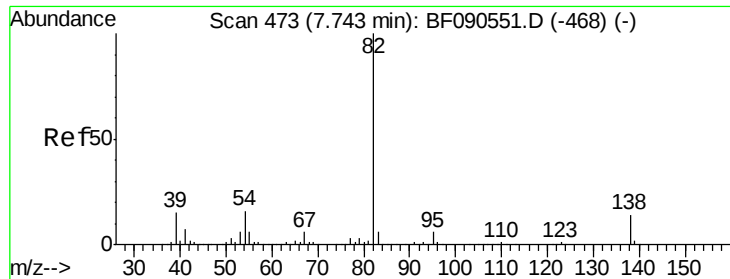
Tgt Ion: 82 Resp: 1227400
 Ion Ratio Lower Upper
 82 100
 128 46.2 34.3 51.5
 54 44.9 37.0 55.6



#24
 Nitrobenzene
 Concen: 35.96 ng
 RT: 7.47 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF090669.D
 Acq: 20 Oct 2016 1:09

Tgt Ion: 77 Resp: 604540
 Ion Ratio Lower Upper
 77 100
 123 39.0 29.8 44.6
 65 13.9 10.9 16.3





#25

Isophorone

Concen: 38.36 ng

RT: 7.71 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

Instrument :

BNA_F

ClientSampled :

PB94156BS

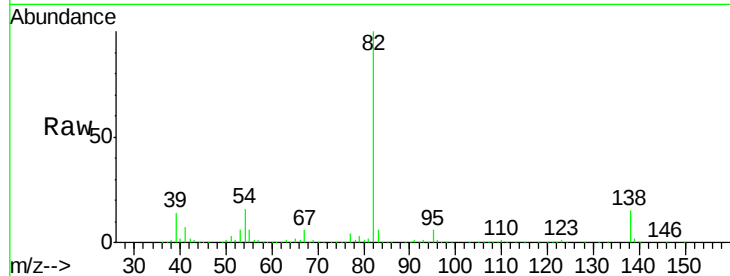
Tgt Ion: 82 Resp: 1143604

Ion Ratio Lower Upper

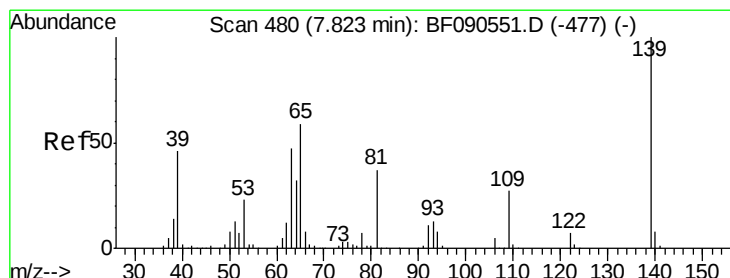
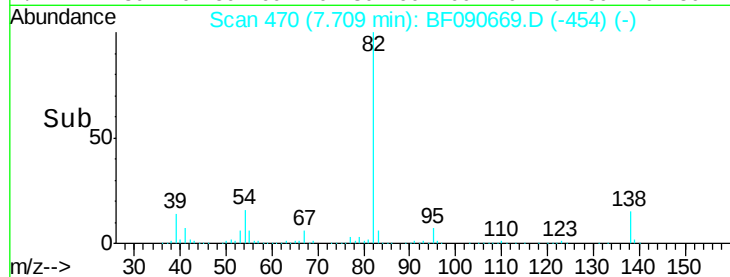
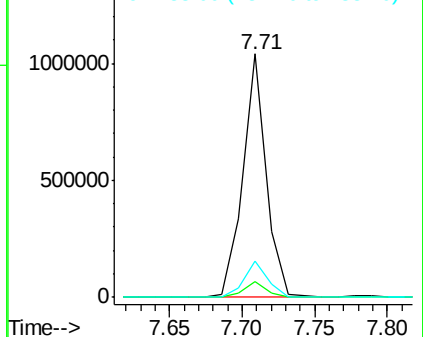
82 100

95 6.5 5.0 7.6

138 15.1 11.5 17.3



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: 32.01 ng

RT: 7.79 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

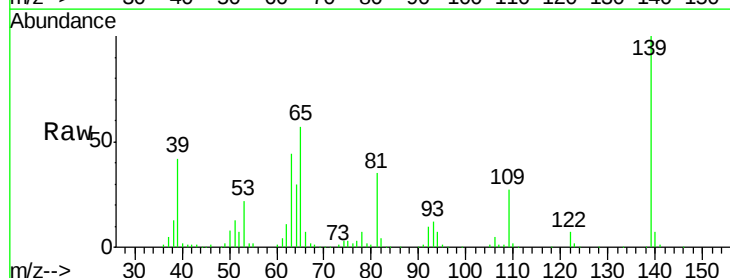
Tgt Ion: 139 Resp: 244084

Ion Ratio Lower Upper

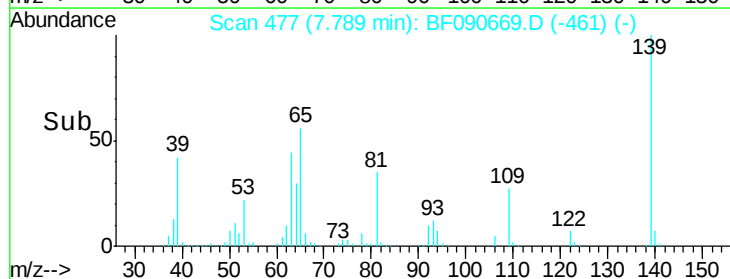
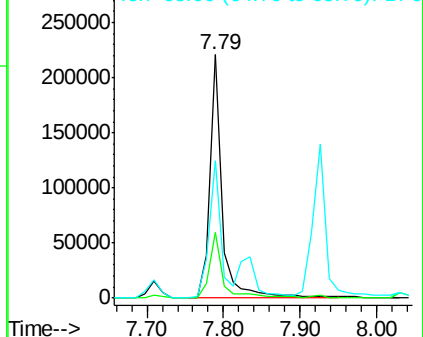
139 100

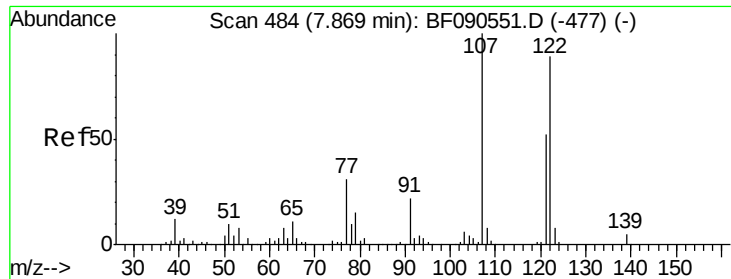
109 26.9 21.8 32.6

65 56.7 47.7 71.5



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





#27

2,4-Dimethylphenol

Concen: 38.25 ng

RT: 7.83 min Scan# 481

Delta R.T. 0.00 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

Instrument :

BNA_F

ClientSampleId :

PB94156BS

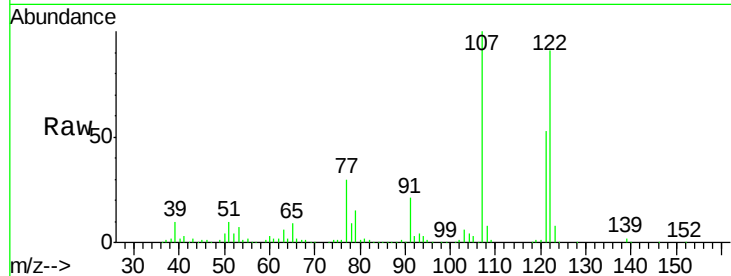
Tgt Ion:122 Resp: 484017

Ion Ratio Lower Upper

122 100

107 109.7 89.8 134.6

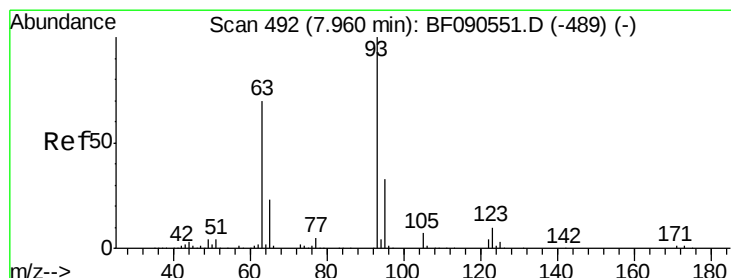
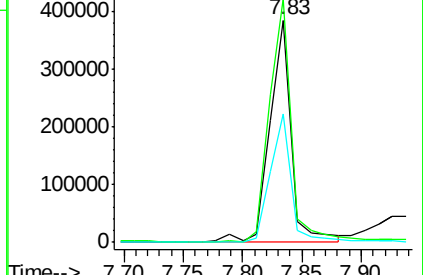
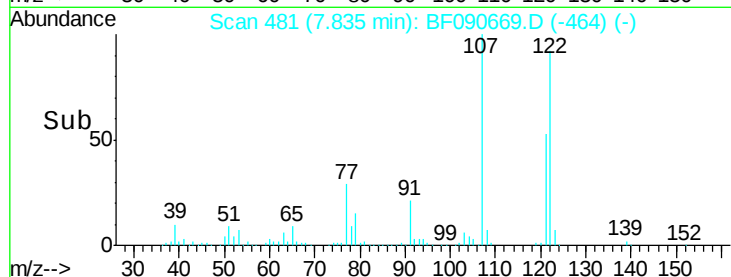
121 57.8 46.1 69.1



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: 39.42 ng

RT: 7.93 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

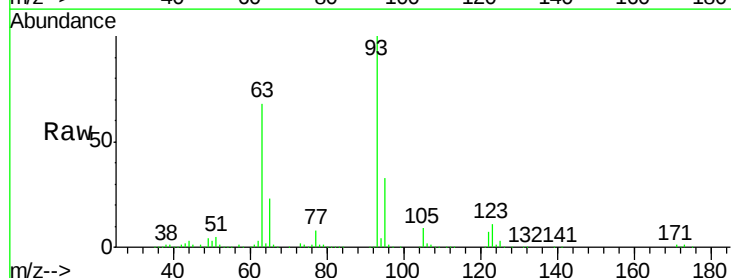
Tgt Ion: 93 Resp: 693910

Ion Ratio Lower Upper

93 100

95 33.2 26.2 39.2

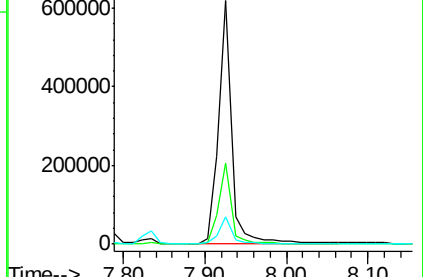
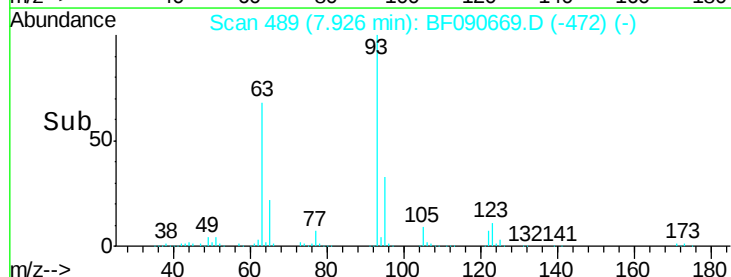
123 11.2 8.6 13.0

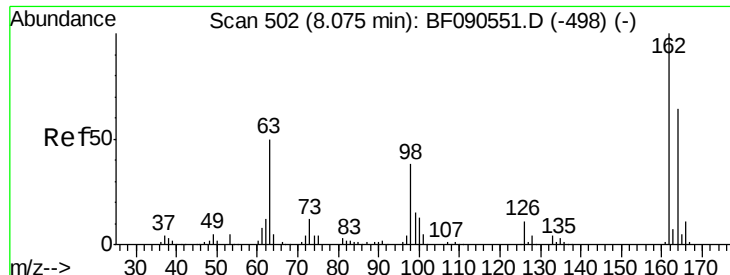


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

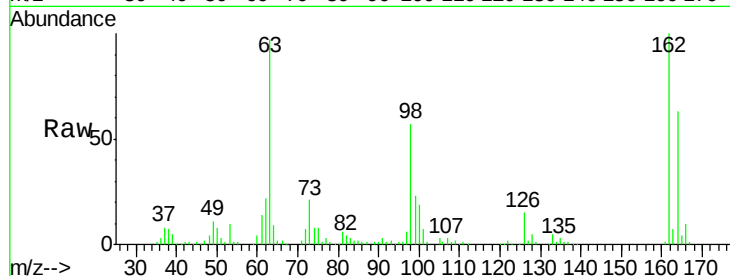




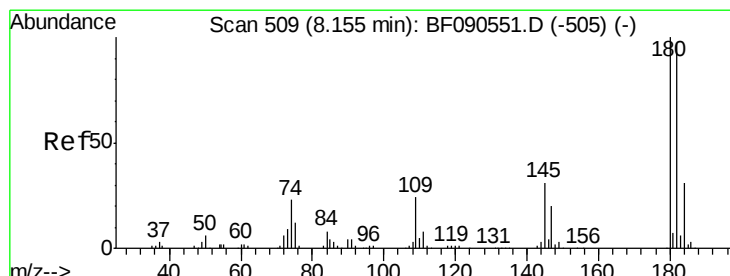
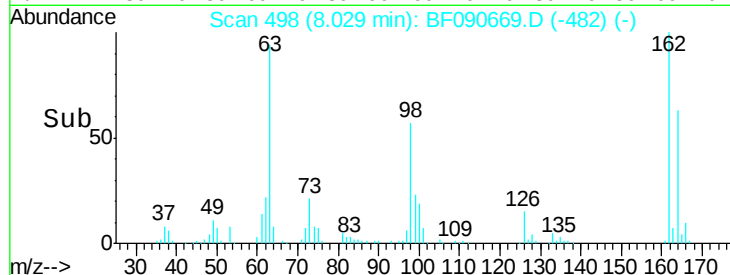
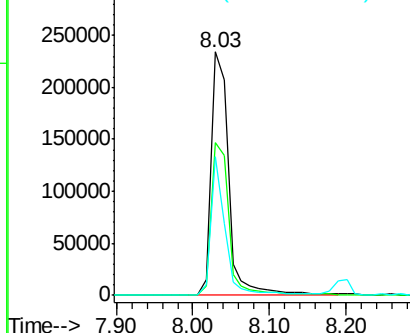
#29
2,4-Dichlorophenol
Concen: 33.42 ng
RT: 8.03 min Scan# 498
Delta R.T. -0.01 min
Lab File: BF090669.D
Acq: 20 Oct 2016 1:09

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tgt Ion:162 Resp: 370425
Ion Ratio Lower Upper
162 100
164 63.0 44.0 84.0
98 56.7 18.0 58.0

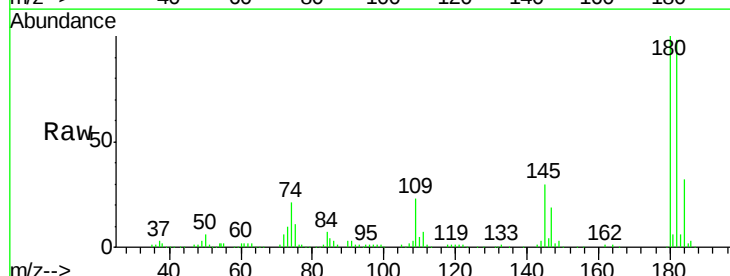


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

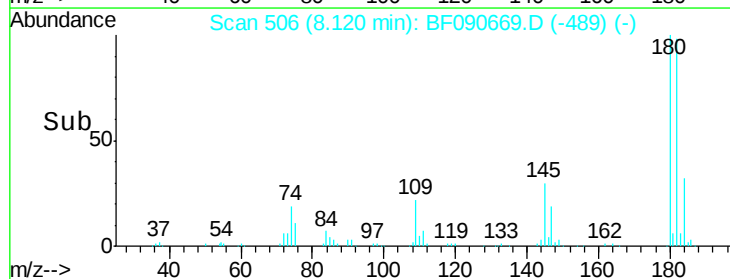
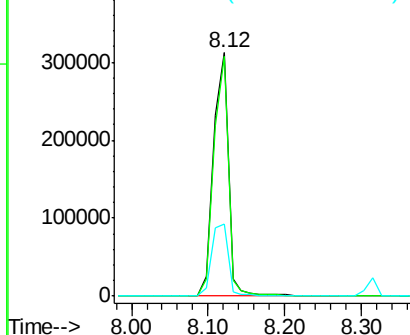


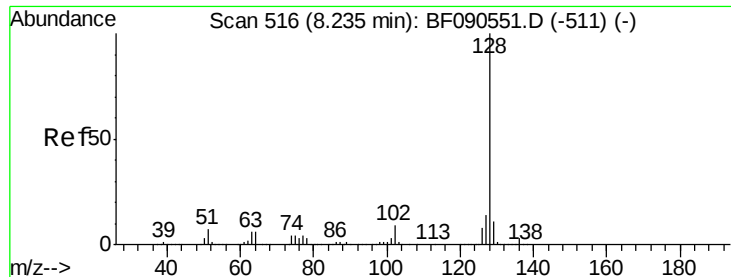
#30
1,2,4-Trichlorobenzene
Concen: 32.57 ng
RT: 8.12 min Scan# 506
Delta R.T. 0.00 min
Lab File: BF090669.D
Acq: 20 Oct 2016 1:09

Tgt Ion:180 Resp: 422873
Ion Ratio Lower Upper
180 100
182 98.5 77.2 115.8
145 29.7 24.4 36.6



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

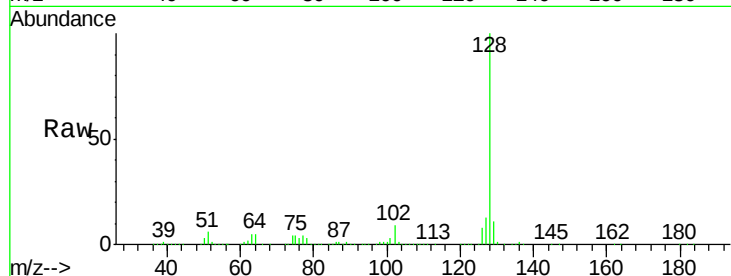




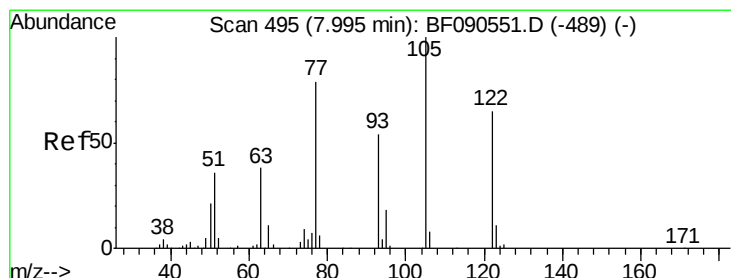
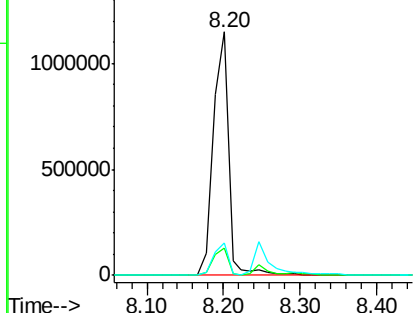
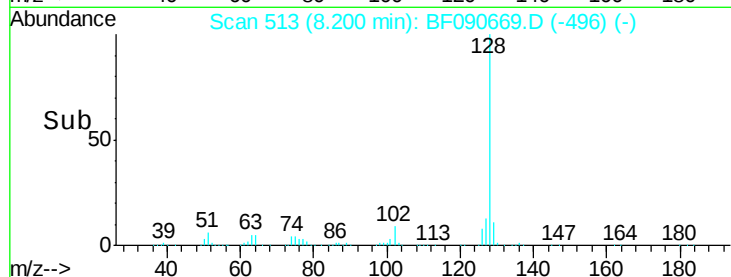
#31
Naphthalene
Concen: 34.05 ng
RT: 8.20 min Scan# 513
Delta R.T. 0.00 min
Lab File: BF090669.D
Acq: 20 Oct 2016 1:09

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tgt Ion:128 Resp: 1578046
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.3 10.8 16.2

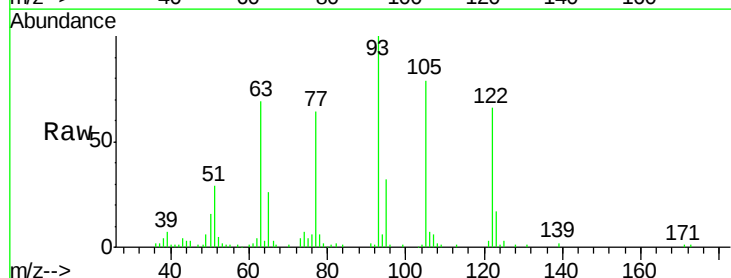


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

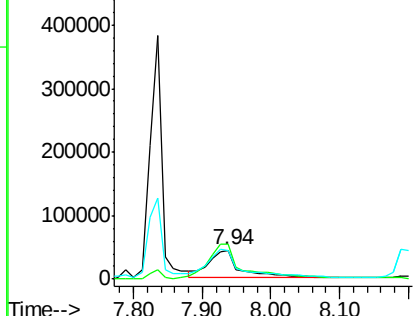
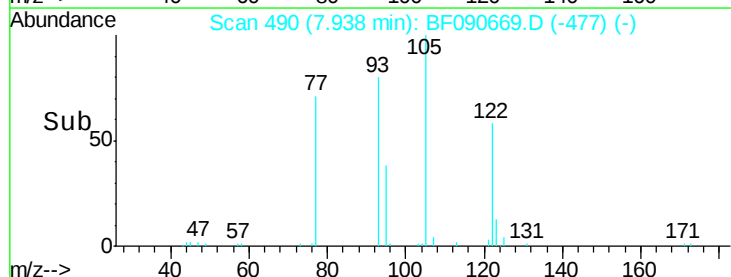


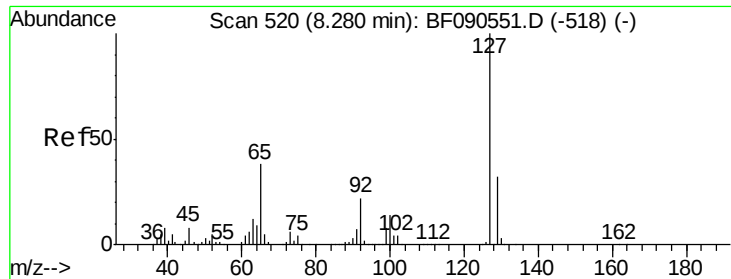
#32
Benzoic acid
Concen: 17.84 ng
RT: 7.94 min Scan# 490
Delta R.T. -0.05 min
Lab File: BF090669.D
Acq: 20 Oct 2016 1:09

Tgt Ion:122 Resp: 138673
Ion Ratio Lower Upper
122 100
105 119.7 101.1 141.1
77 97.1 84.7 124.7



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

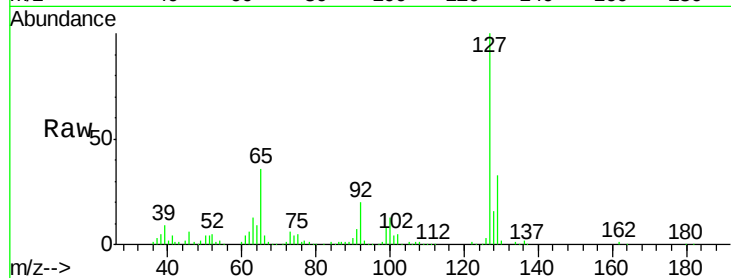




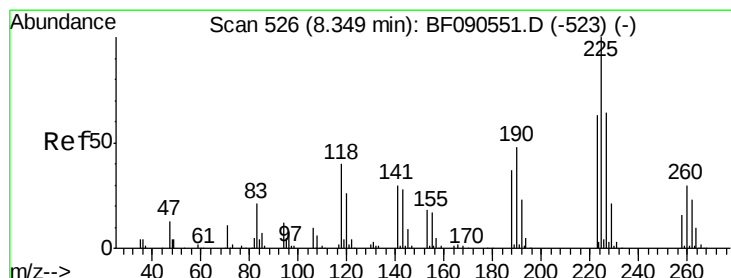
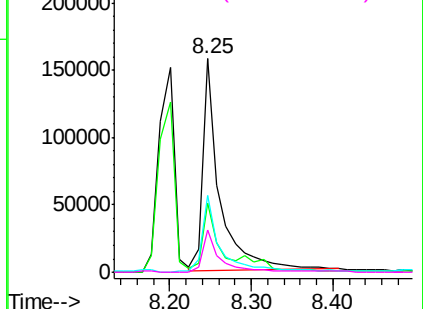
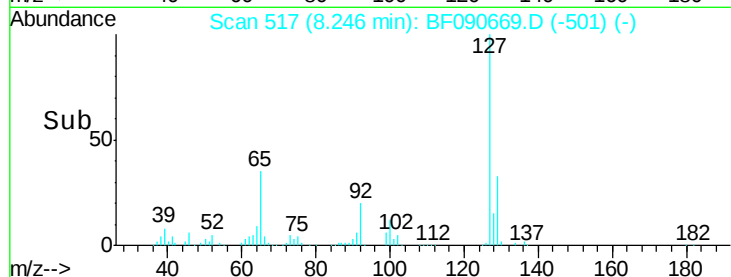
#33
4-Chloroaniline
Concen: 13.08 ng
RT: 8.25 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF090669.D
Acq: 20 Oct 2016 1:09

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tgt Ion:	127	Resp:	231741
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.2
65	35.8	30.1	45.1
92	19.5	17.2	25.8

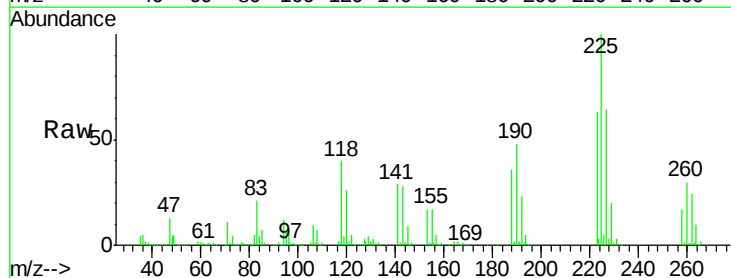


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

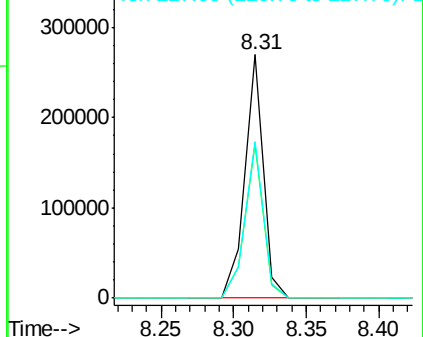
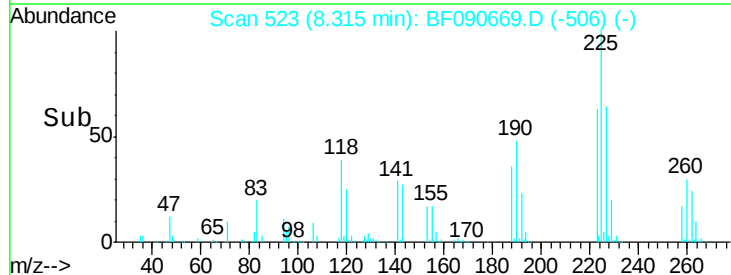


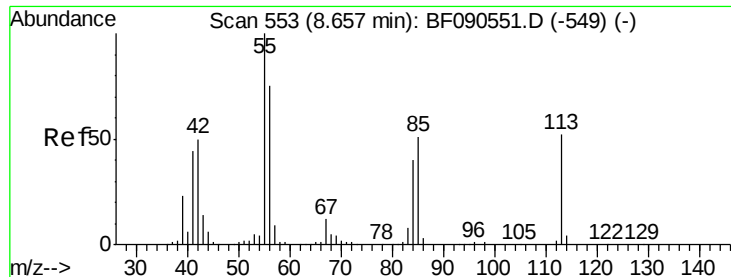
#34
Hexachlorobutadiene
Concen: 33.02 ng
RT: 8.31 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF090669.D
Acq: 20 Oct 2016 1:09

Tgt Ion:	225	Resp:	239539
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.6	76.0
227	64.4	51.4	77.2



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

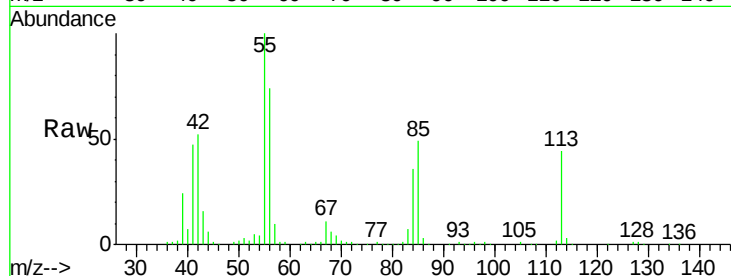




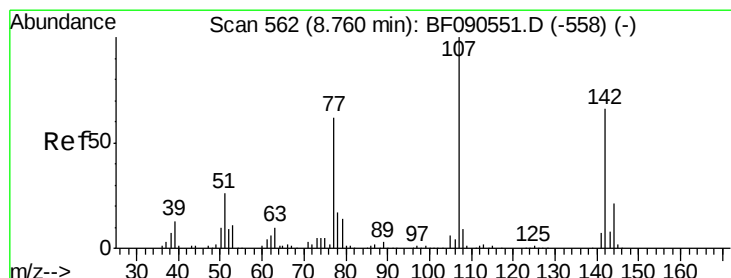
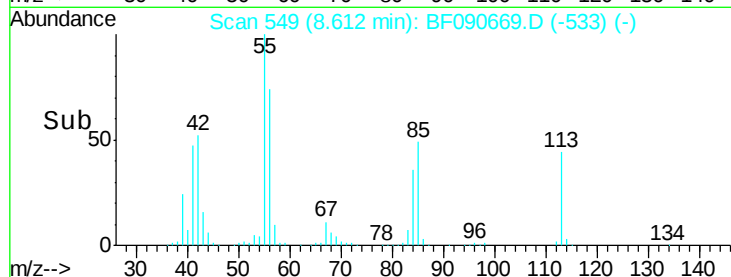
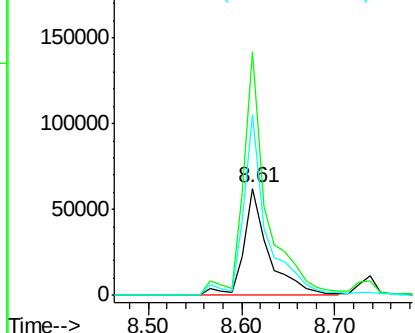
#35
 Caprolactam
 Concen: 37.42 ng
 RT: 8.61 min Scan# 549
 Delta R.T. -0.02 min
 Lab File: BF090669.D
 Acq: 20 Oct 2016 1:09

Instrument :
 BNA_F
 ClientSampleId :
 PB94156BS

Tgt Ion:113 Resp: 115773
 Ion Ratio Lower Upper
 113 100
 55 227.0 170.8 210.8#
 56 168.4 122.4 162.4#

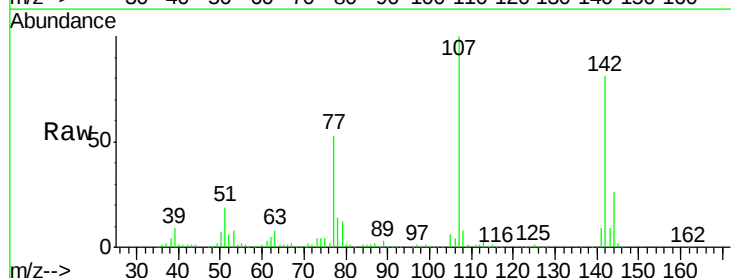


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

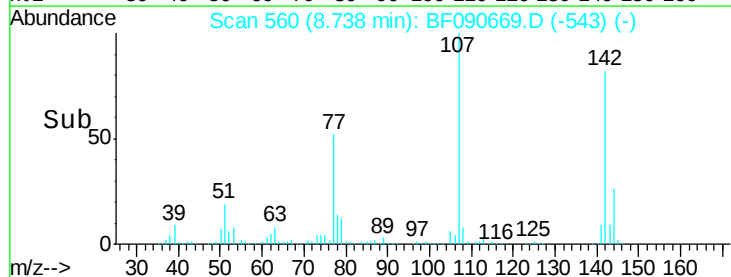
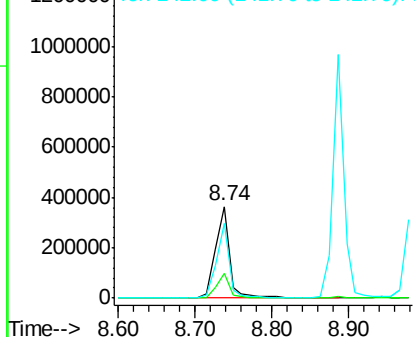


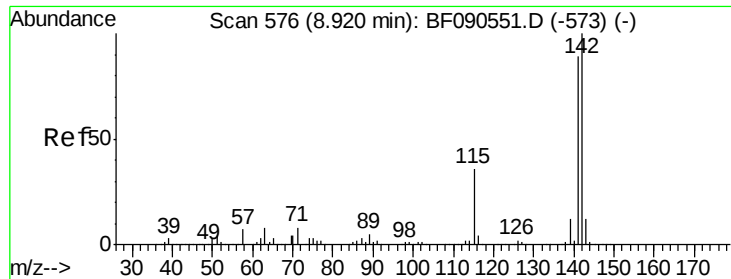
#36
 4-Chloro-3-methylphenol
 Concen: 36.46 ng
 RT: 8.74 min Scan# 560
 Delta R.T. 0.00 min
 Lab File: BF090669.D
 Acq: 20 Oct 2016 1:09

Tgt Ion:107 Resp: 466319
 Ion Ratio Lower Upper
 107 100
 144 26.4 16.9 25.3#
 142 81.5 52.5 78.7#



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

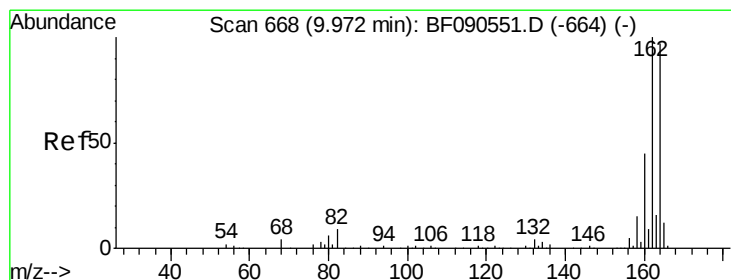
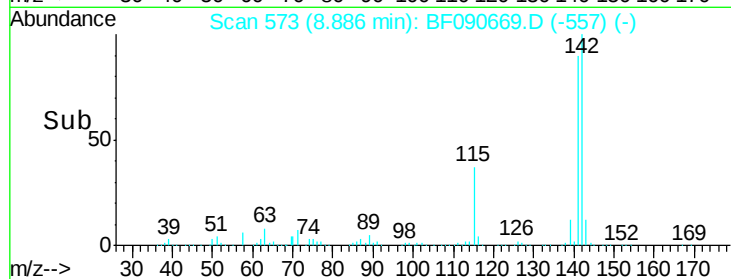
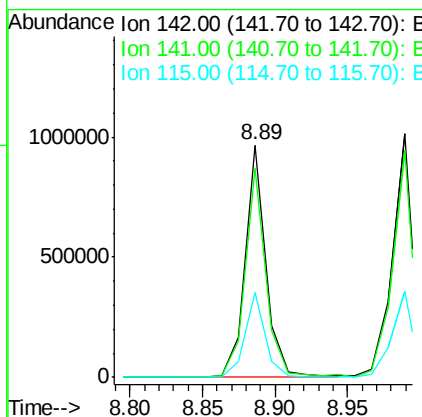
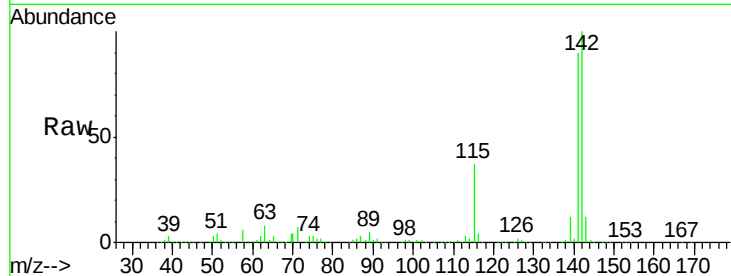




#37
 2-Methylnaphthalene
 Concen: 35.10 ng
 RT: 8.89 min Scan# 573
 Delta R.T. -0.01 min
 Lab File: BF090669.D
 Acq: 20 Oct 2016 1:09

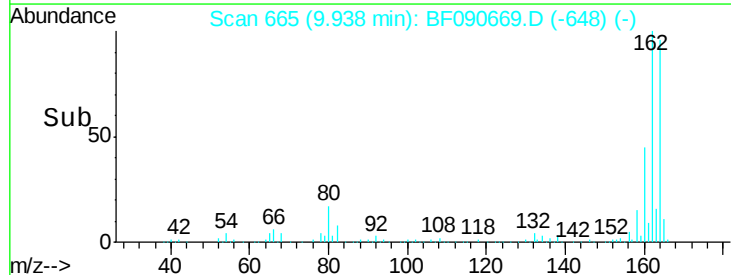
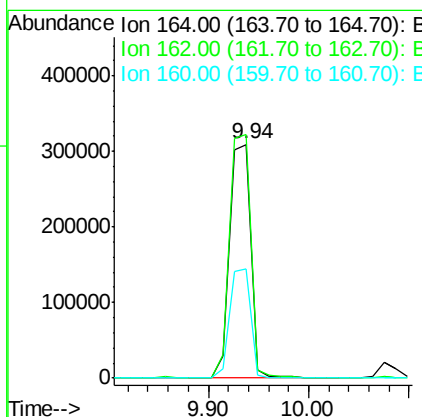
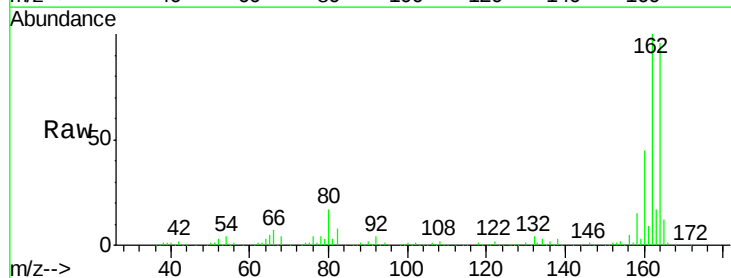
Instrument :
 BNA_F
 ClientSampleId :
 PB94156BS

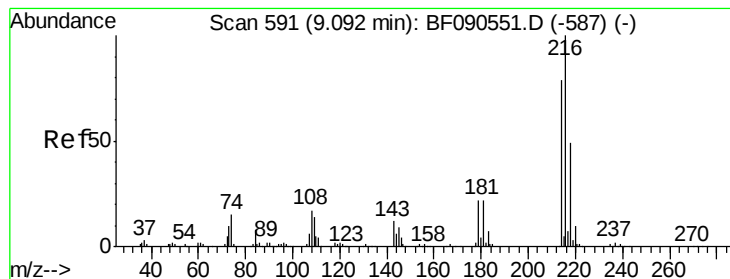
Tgt Ion:142 Resp: 955576
 Ion Ratio Lower Upper
 142 100
 141 90.1 71.3 106.9
 115 36.7 28.8 43.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: BF090669.D
 Acq: 20 Oct 2016 1:09

Tgt Ion:164 Resp: 453740
 Ion Ratio Lower Upper
 164 100
 162 104.1 82.2 123.4
 160 46.6 36.6 55.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.45 ng

RT: 9.06 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

Instrument :

BNA_F

ClientSampleId :

PB94156BS

Tgt Ion:216 Resp: 438461

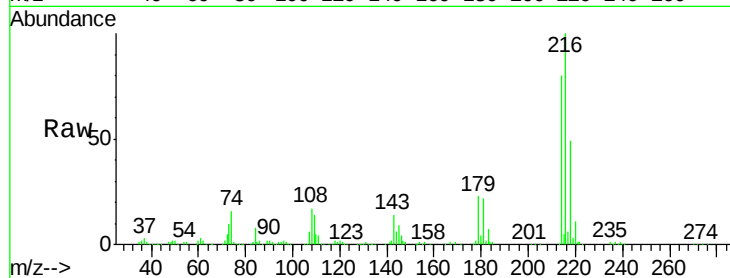
Ion Ratio Lower Upper

216 100

214 80.0 63.5 95.3

179 23.4 18.9 28.3

108 22.6 17.8 26.6

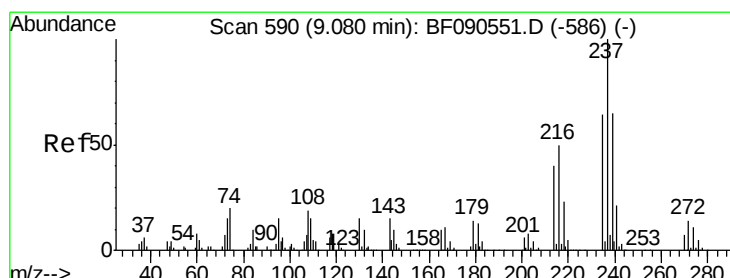
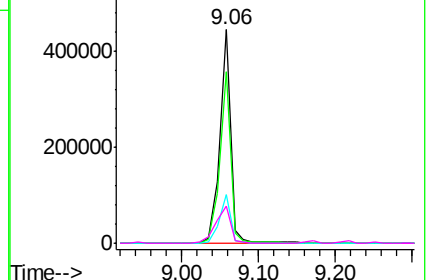
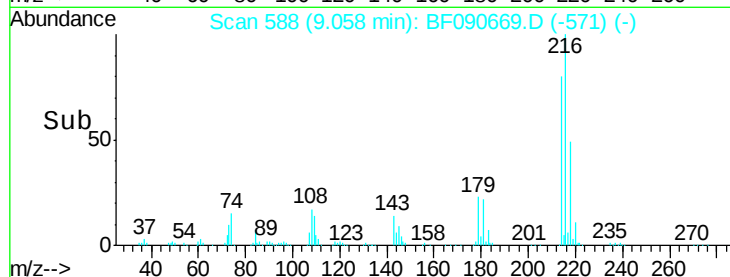


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 51.75 ng

RT: 9.05 min Scan# 587

Delta R.T. 0.00 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

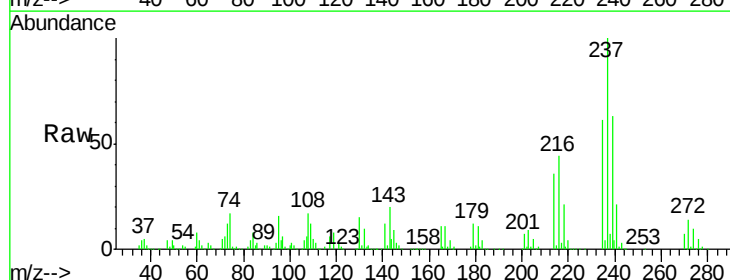
Tgt Ion:237 Resp: 304123

Ion Ratio Lower Upper

237 100

235 61.0 43.8 83.8

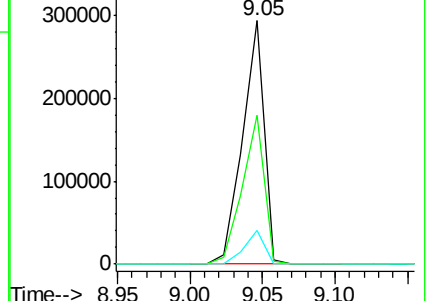
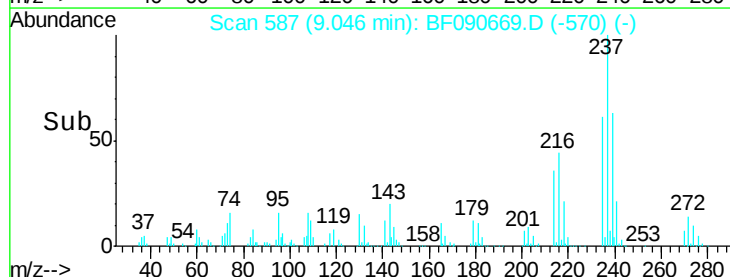
272 13.8 0.0 33.7

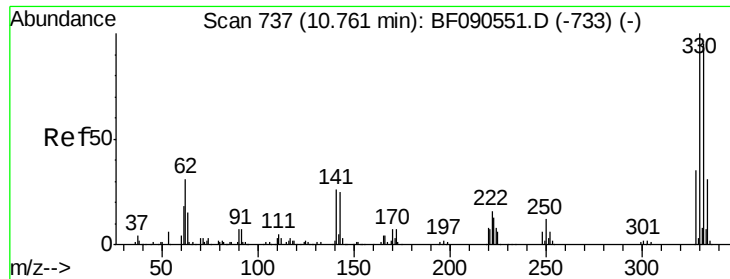


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

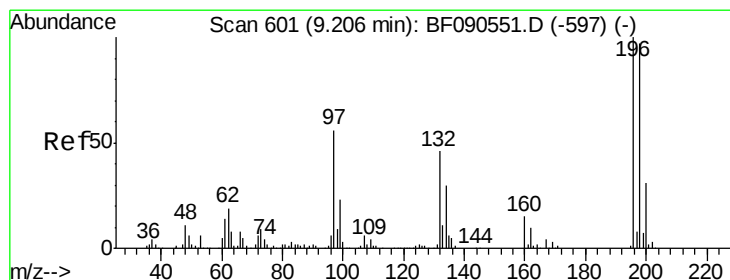
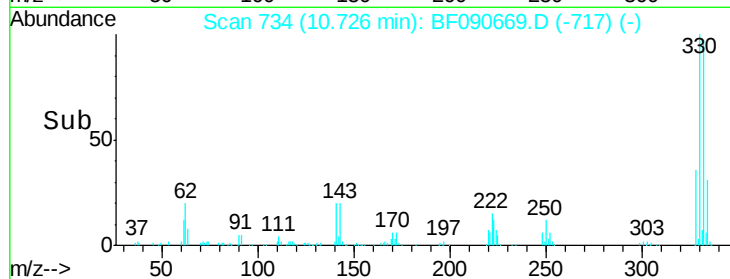
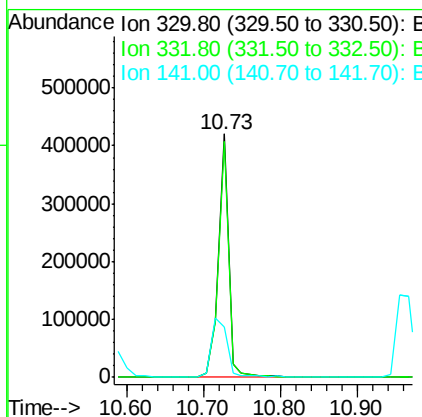
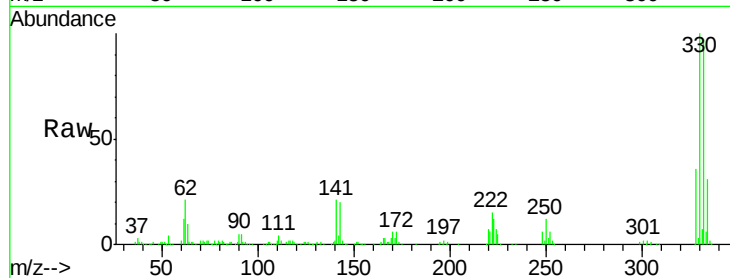




#41
 2,4,6-Tribromophenol
 Concen: 97.76 ng
 RT: 10.73 min Scan# 734
 Delta R.T. 0.00 min
 Lab File: BF090669.D
 Acq: 20 Oct 2016 1:09

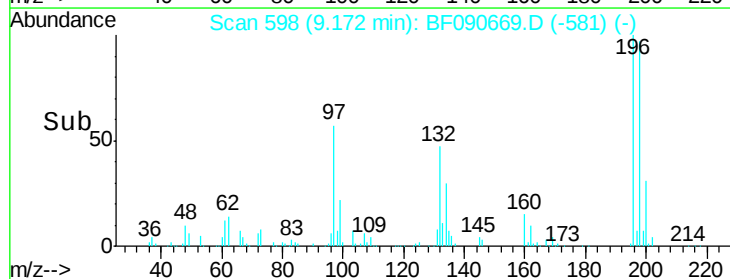
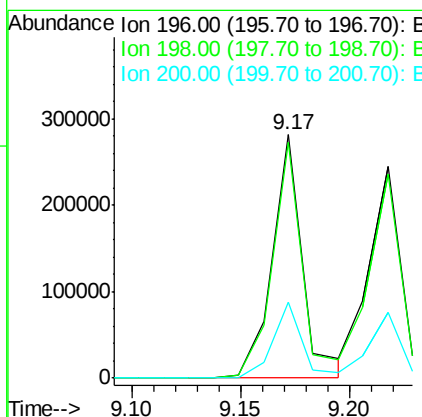
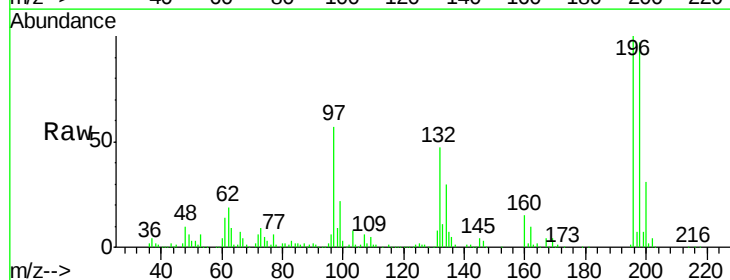
Instrument :
 BNA_F
 ClientSampled :
 PB94156BS

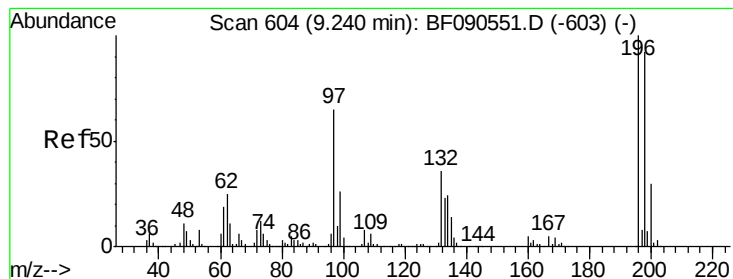
Tgt Ion:330 Resp: 395452
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.2 114.2
 141 36.2 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 40.64 ng
 RT: 9.17 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF090669.D
 Acq: 20 Oct 2016 1:09

Tgt Ion:196 Resp: 275774
 Ion Ratio Lower Upper
 196 100
 198 96.7 77.9 116.9
 200 31.1 25.1 37.7





#43

2,4,5-Trichlorophenol

Concen: 32.61 ng

RT: 9.22 min Scan# 602

Delta R.T. 0.00 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

Instrument :

BNA_F

ClientSampled :

PB94156BS

Tgt Ion:196 Resp: 264018

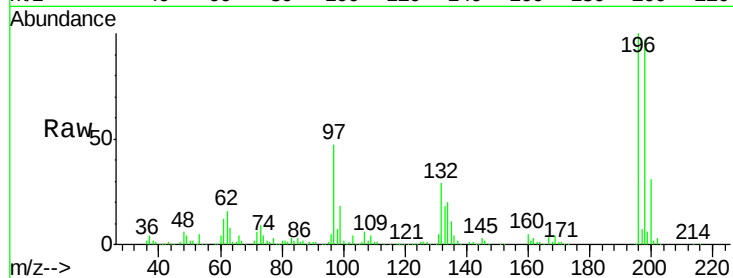
Ion Ratio Lower Upper

196 100

198 96.7 74.0 111.0

97 47.4 54.7 82.1#

132 28.8 30.5 45.7#

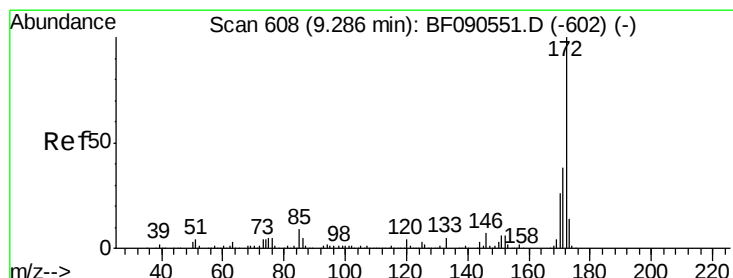
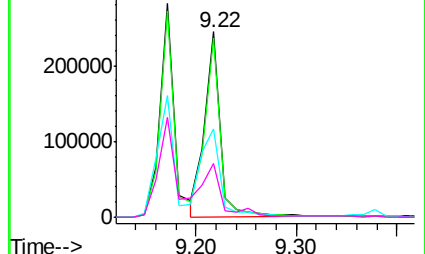
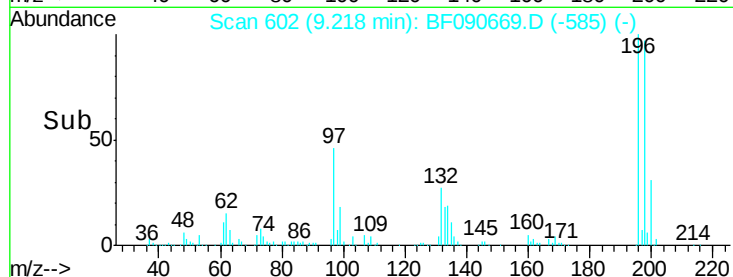


Abundance Ion 196.00 (195.70 to 196.70): E

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: 69.03 ng

RT: 9.25 min Scan# 605

Delta R.T. -0.01 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

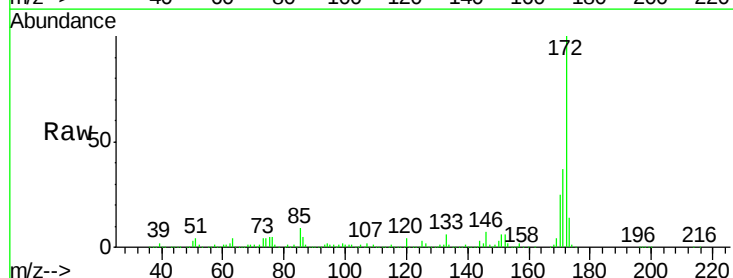
Tgt Ion:172 Resp: 1900823

Ion Ratio Lower Upper

172 100

171 37.1 30.1 45.1

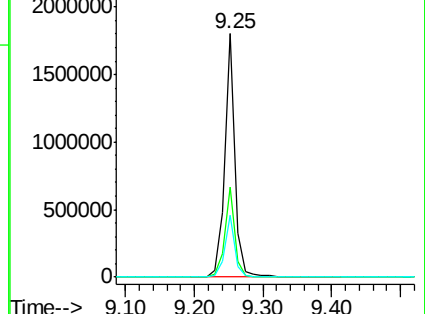
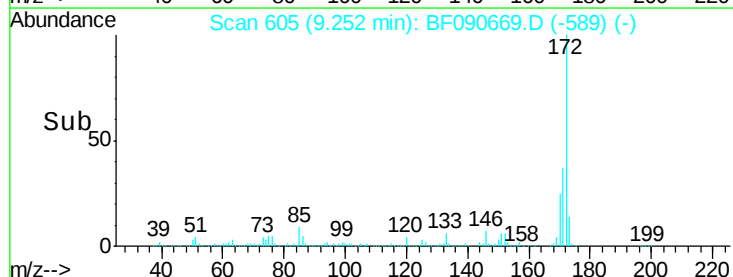
170 25.3 20.6 30.8

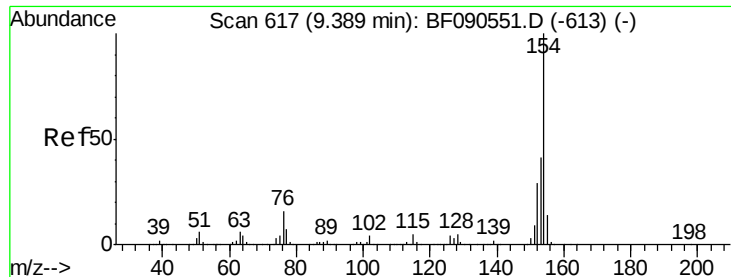


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 35.87 ng

RT: 9.35 min Scan# 614

Delta R.T. 0.00 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

Instrument :

BNA_F

ClientSampleId :

PB94156BS

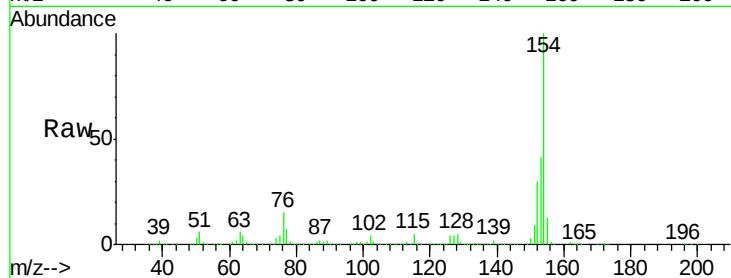
Tgt Ion:154 Resp: 1238608

Ion Ratio Lower Upper

154 100

153 41.4 21.5 61.5

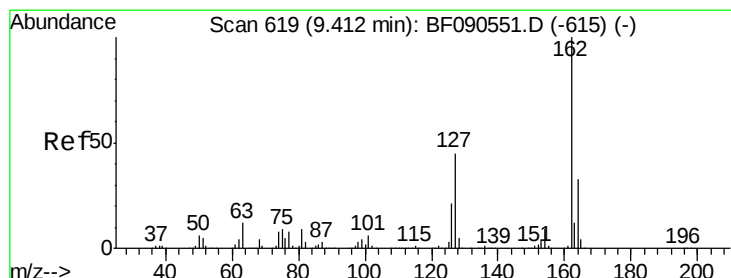
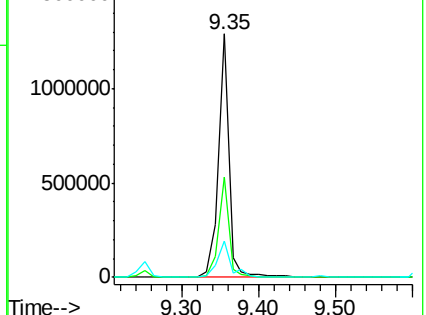
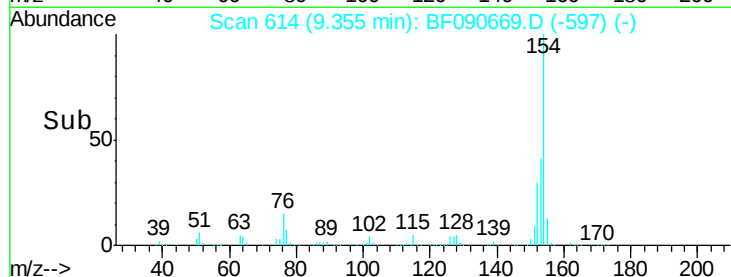
76 15.1 0.0 36.0



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: 36.11 ng

RT: 9.38 min Scan# 616

Delta R.T. -0.01 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

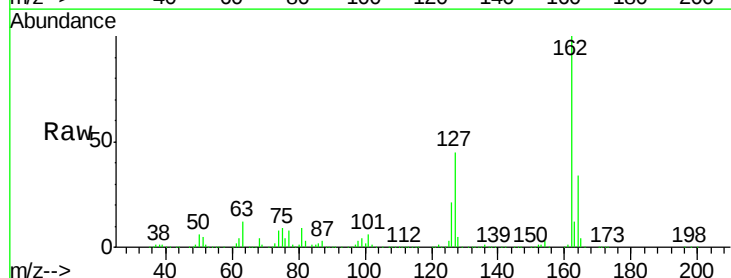
Tgt Ion:162 Resp: 929579

Ion Ratio Lower Upper

162 100

127 44.8 35.9 53.9

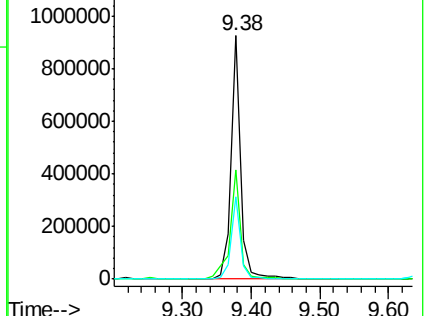
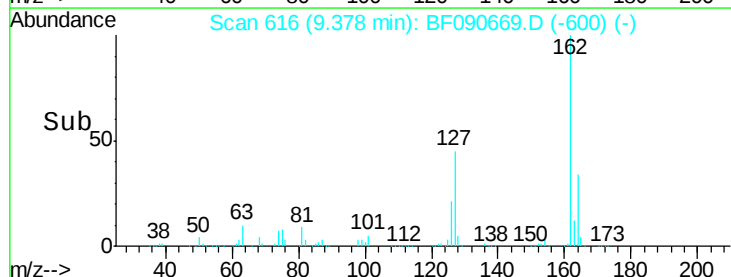
164 33.6 26.7 40.1

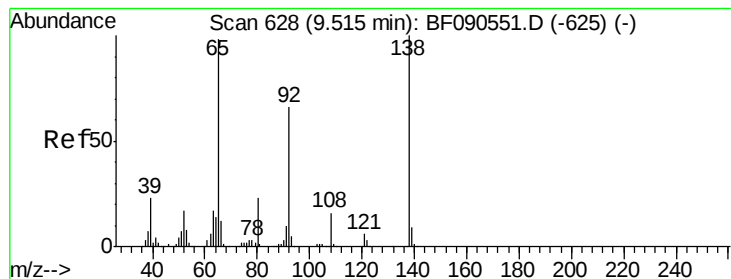


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 37.15 ng

RT: 9.48 min Scan# 625

Delta R.T. 0.00 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

Instrument :

BNA_F

ClientSampleId :

PB94156BS

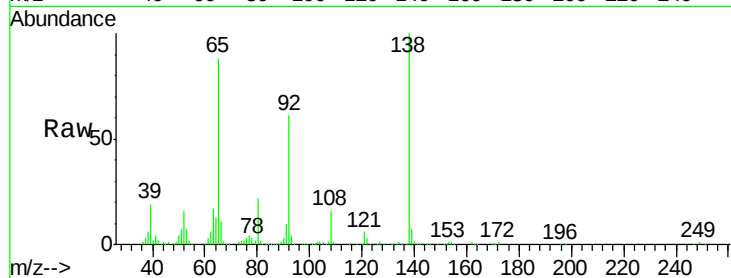
Tgt Ion: 65 Resp: 346747

Ion Ratio Lower Upper

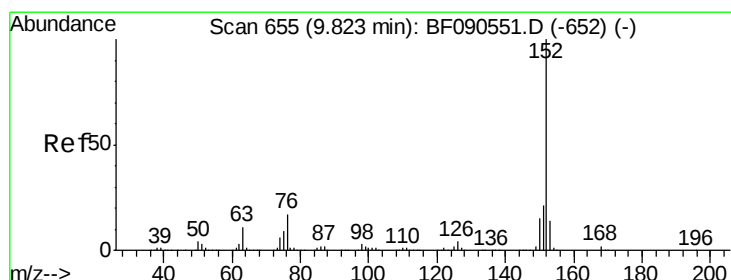
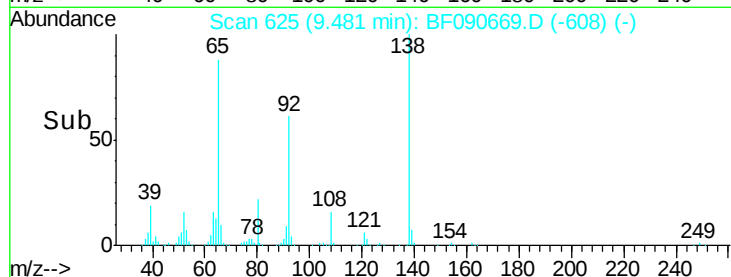
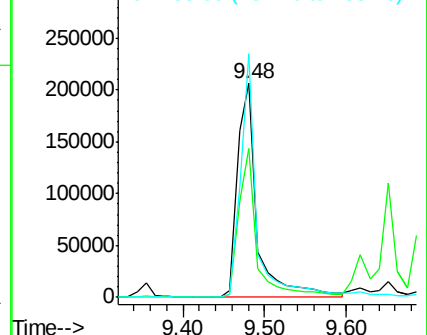
65 100

92 69.4 54.3 81.5

138 113.7 81.7 122.5



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): BF0



#48

Acenaphthylene

Concen: 33.69 ng

RT: 9.79 min Scan# 652

Delta R.T. -0.01 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

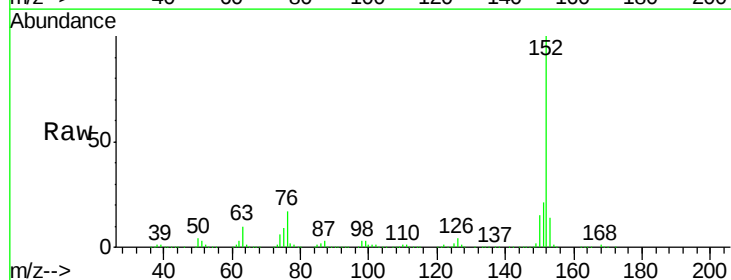
Tgt Ion: 152 Resp: 1381090

Ion Ratio Lower Upper

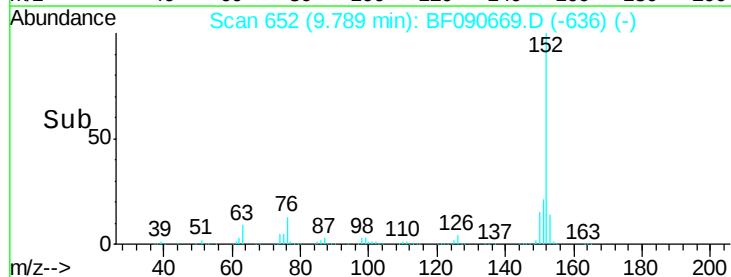
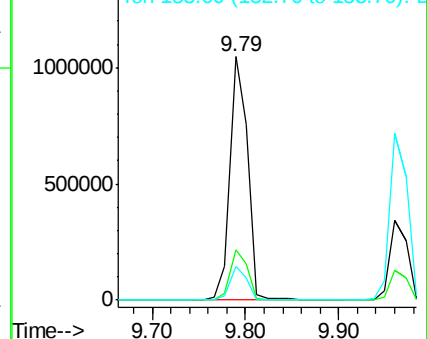
152 100

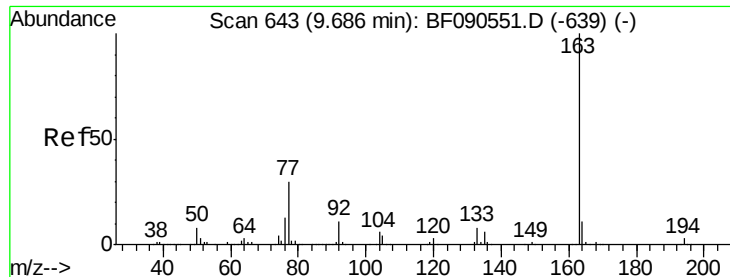
151 20.5 16.6 25.0

153 13.9 11.3 16.9



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: 34.10 ng

RT: 9.65 min Scan# 640

Delta R.T. -0.01 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

Instrument :

BNA_F

ClientSampled :

PB94156BS

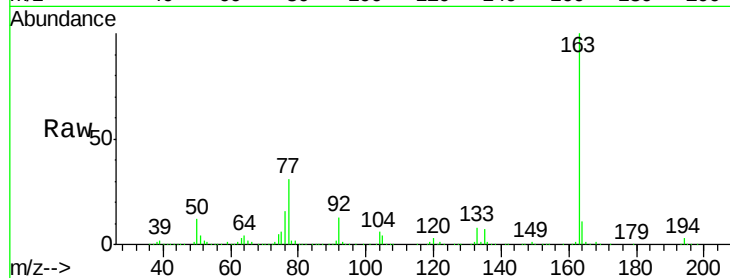
Tgt Ion:163 Resp: 1003769

Ion Ratio Lower Upper

163 100

194 2.9 2.3 3.5

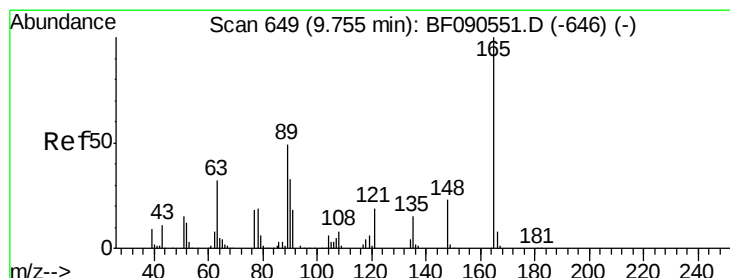
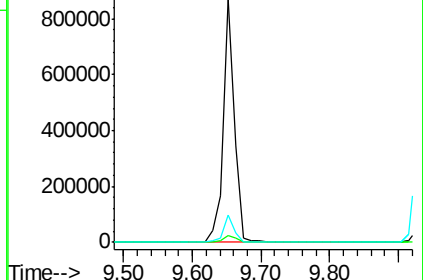
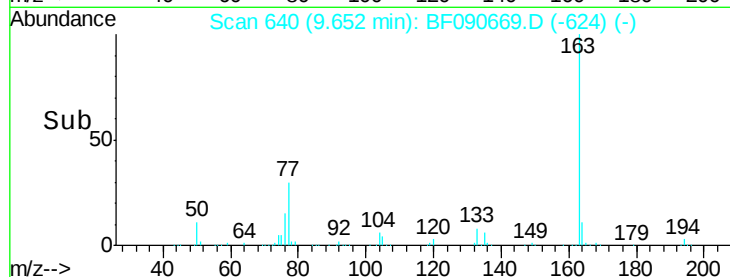
164 11.0 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 37.14 ng

RT: 9.72 min Scan# 646

Delta R.T. 0.00 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

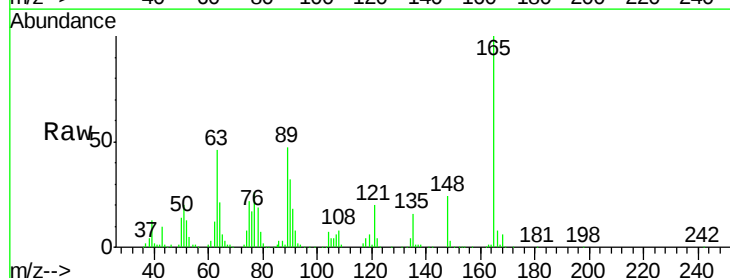
Tgt Ion:165 Resp: 239250

Ion Ratio Lower Upper

165 100

63 45.7 40.1 60.1

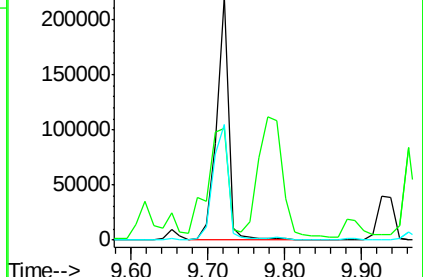
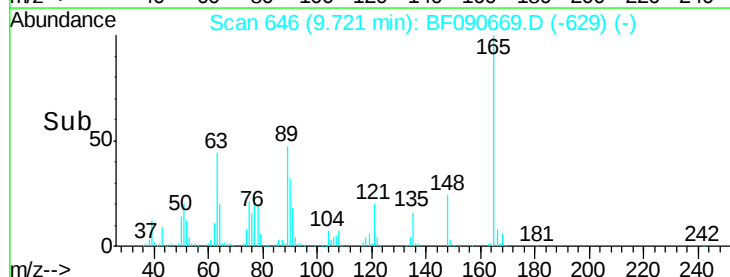
89 47.5 39.5 59.3

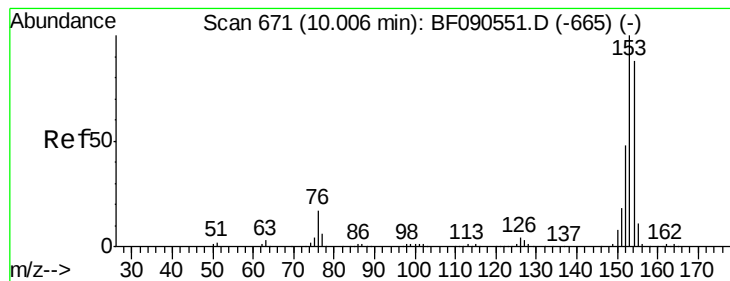


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 31.17 ng

RT: 9.96 min Scan# 667

Delta R.T. -0.01 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

Instrument :

BNA_F

ClientSampleId :

PB94156BS

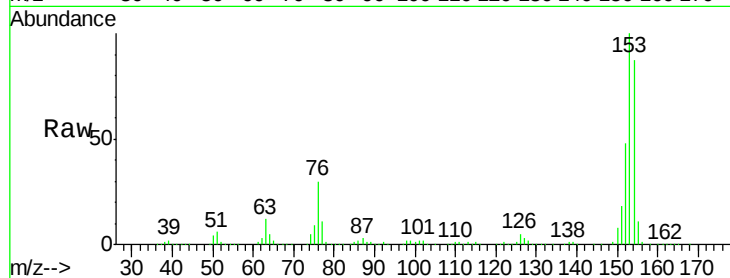
Tgt Ion:154 Resp: 849324

Ion Ratio Lower Upper

154 100

153 115.5 91.2 136.8

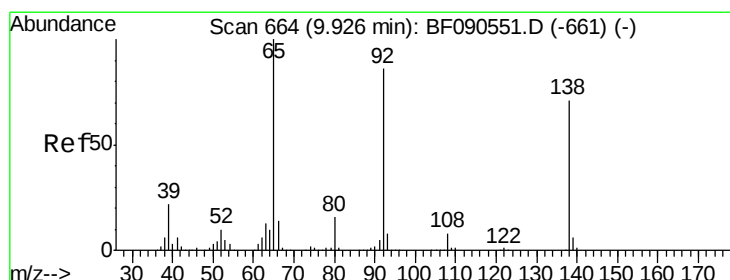
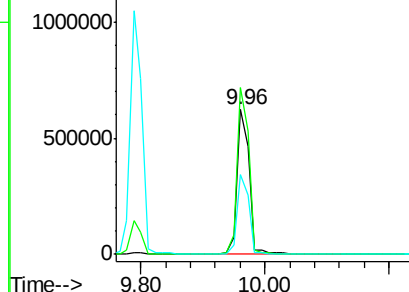
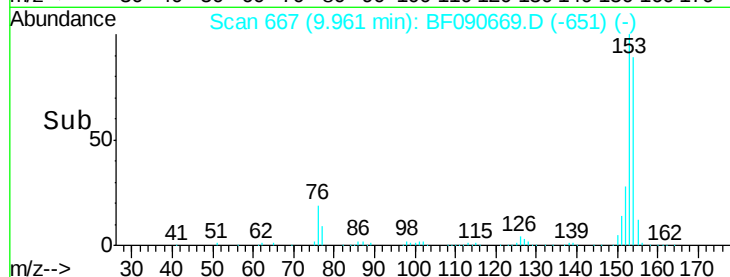
152 55.2 44.0 66.0



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: 22.00 ng

RT: 9.89 min Scan# 661

Delta R.T. 0.00 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

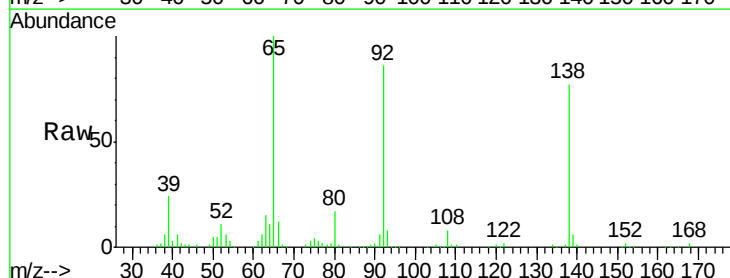
Tgt Ion:138 Resp: 177867

Ion Ratio Lower Upper

138 100

108 9.9 8.6 12.8

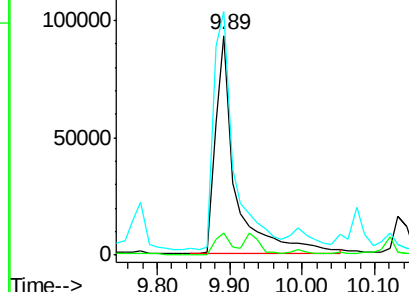
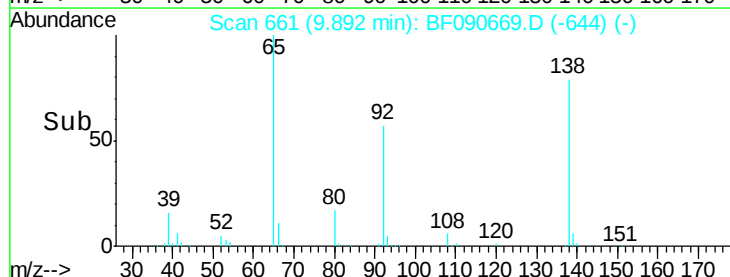
92 110.8 97.8 146.8

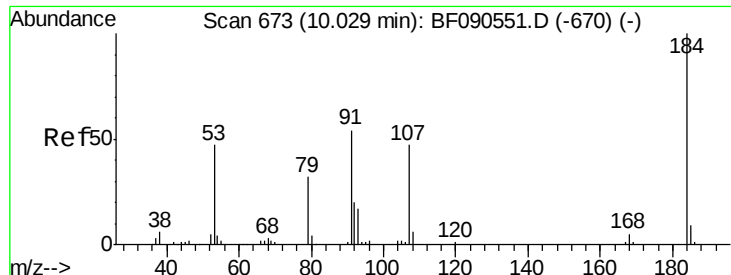


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

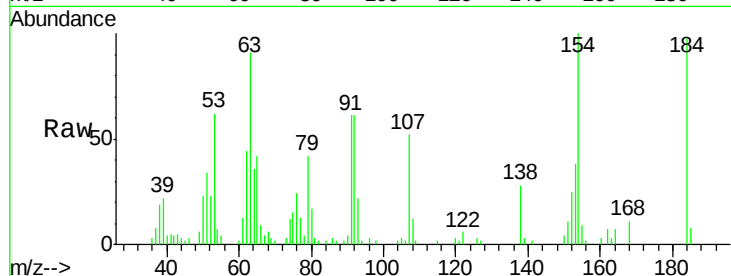




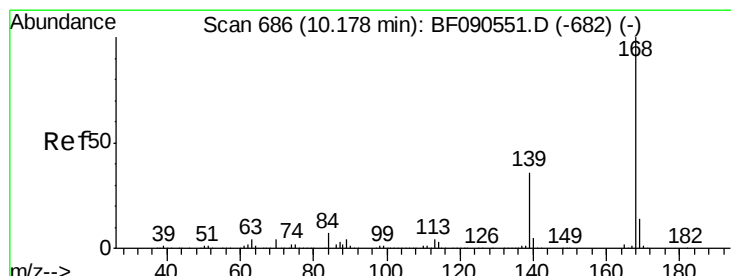
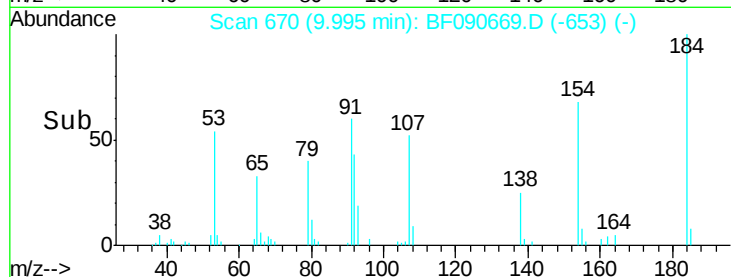
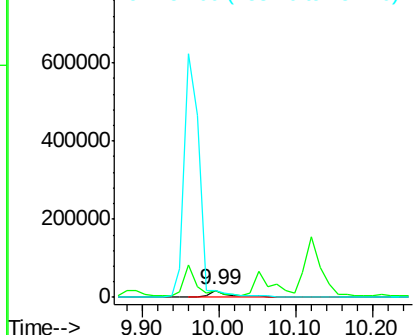
#53
 2,4-Dinitrophenol
 Concen: 15.30 ng
 RT: 9.99 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BF090669.D
 Acq: 20 Oct 2016 1:09

Instrument :
 BNA_F
 ClientSampleId :
 PB94156BS

Tgt Ion:184 Resp: 36213
 Ion Ratio Lower Upper
 184 100
 63 93.4 60.2 90.2#
 154 102.5 86.1 129.1

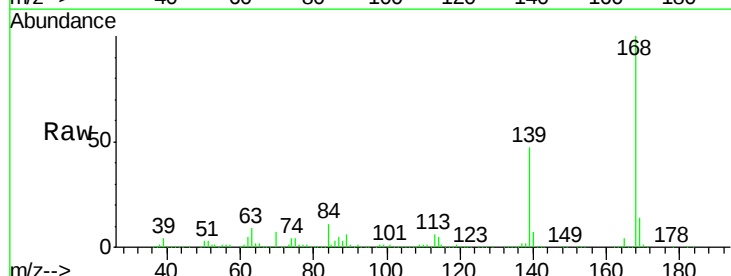


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

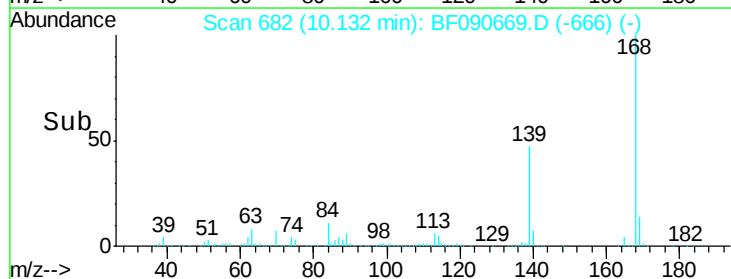
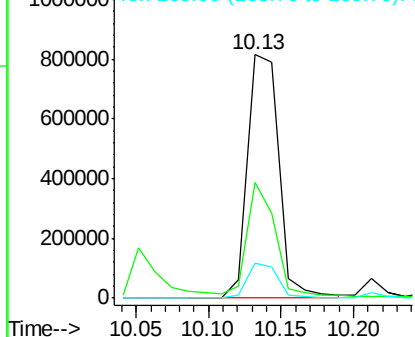


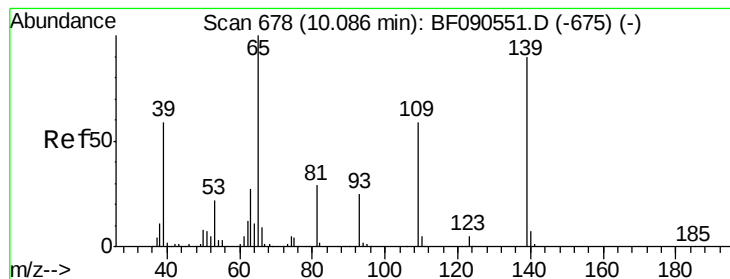
#54
 Dibenzofuran
 Concen: 34.11 ng
 RT: 10.13 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF090669.D
 Acq: 20 Oct 2016 1:09

Tgt Ion:168 Resp: 1222601
 Ion Ratio Lower Upper
 168 100
 139 47.3 30.5 45.7#
 169 14.4 10.9 16.3



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





#55

4-Nitrophenol

Concen: 50.39 ng

RT: 10.05 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

Instrument :

BNA_F

ClientSampleId :

PB94156BS

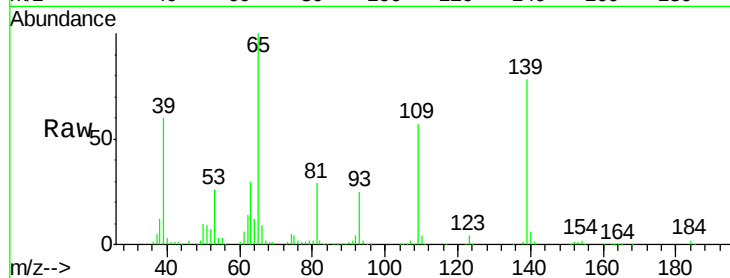
Tgt Ion:139 Resp: 245148

Ion Ratio Lower Upper

139 100

109 73.0 45.9 85.9

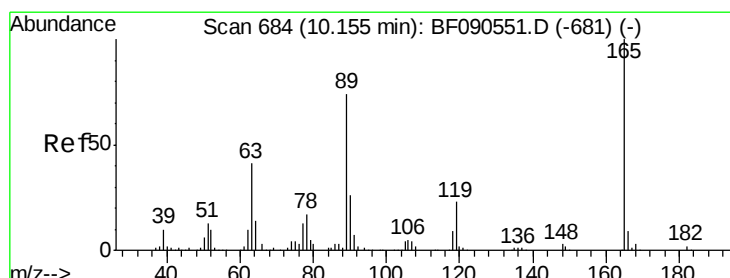
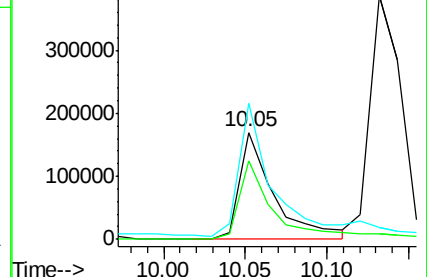
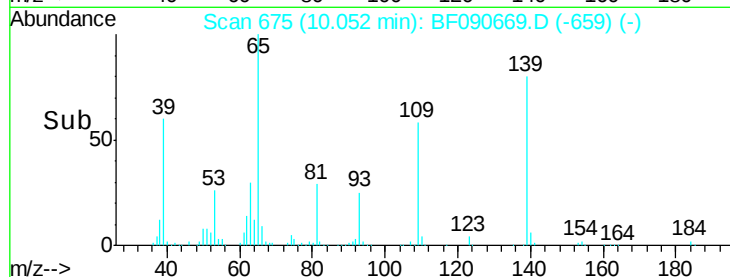
65 127.4 95.8 135.8



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 35.92 ng

RT: 10.12 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

Tgt Ion:165 Resp: 314259

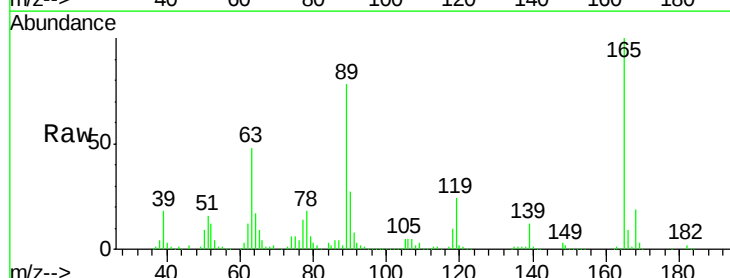
Ion Ratio Lower Upper

165 100

63 48.3 35.4 53.0

89 77.8 59.0 88.4

182 2.0 1.8 2.6

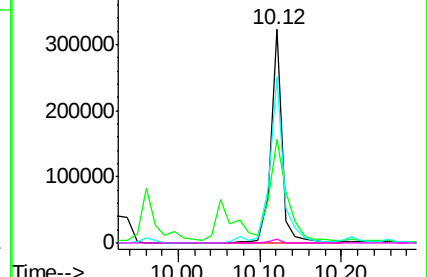
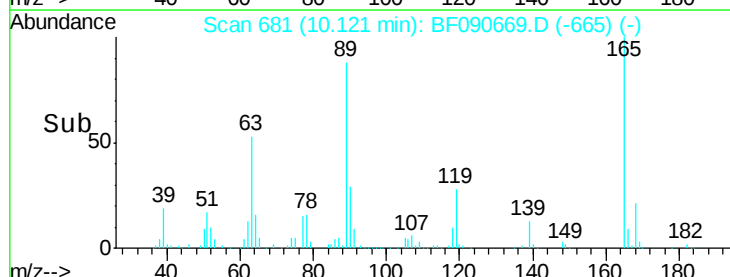


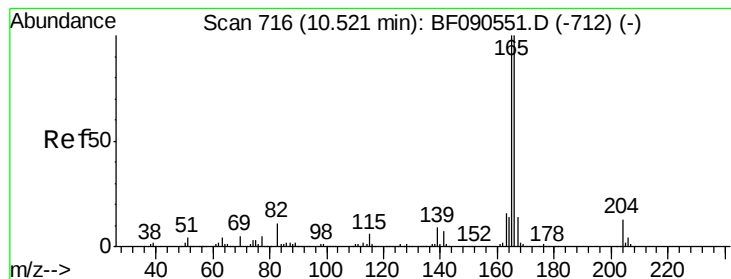
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 34.18 ng

RT: 10.47 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

Instrument :

BNA_F

ClientSampleId :

PB94156BS

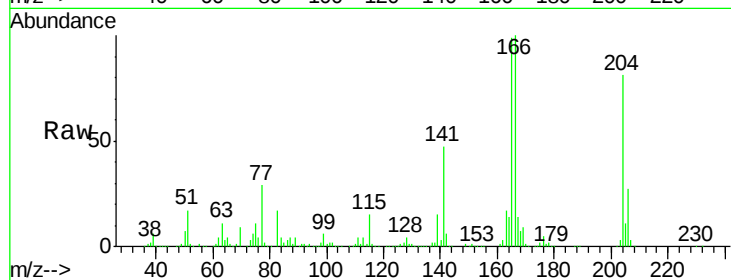
Tgt Ion:166 Resp: 1010603

Ion Ratio Lower Upper

166 100

165 98.7 79.9 119.9

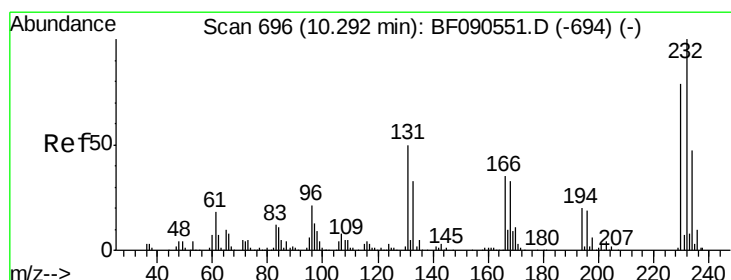
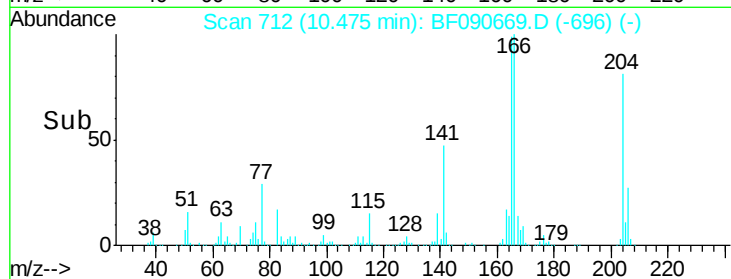
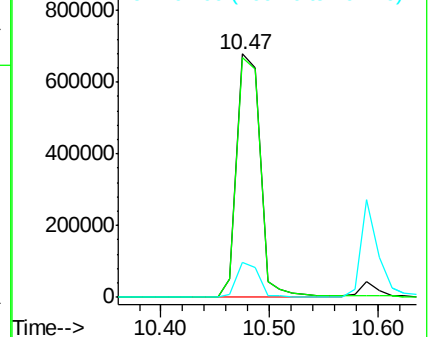
167 14.2 10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 30.90 ng

RT: 10.26 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

Tgt Ion:232 Resp: 208306

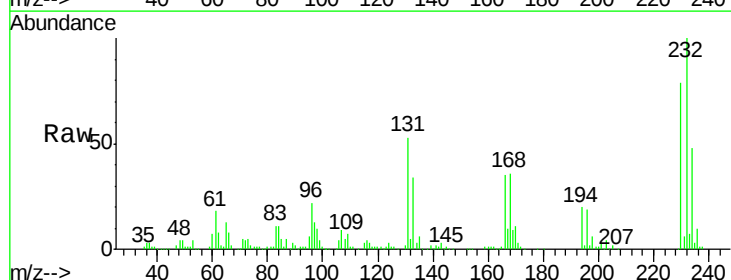
Ion Ratio Lower Upper

232 100

131 56.2 42.6 64.0

130 2.5 1.8 2.8

166 33.9 27.5 41.3

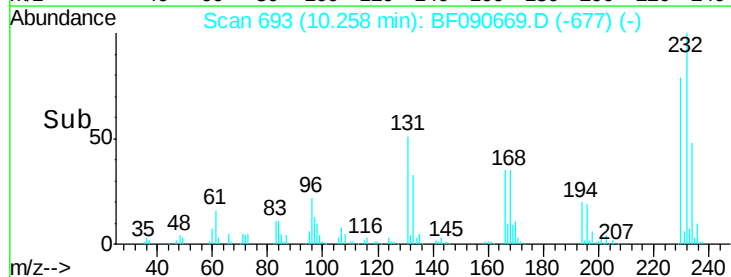
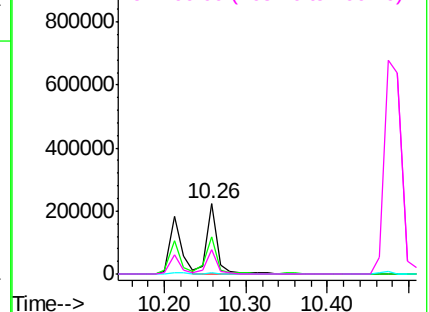


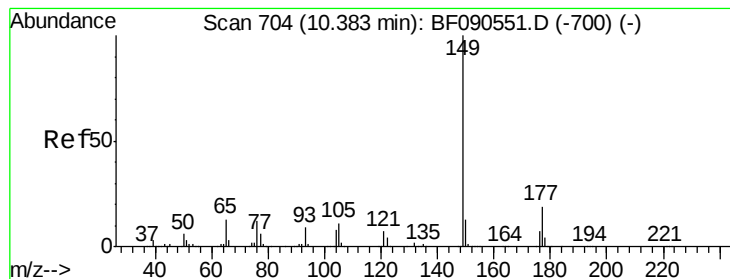
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 36.53 ng

RT: 10.35 min Scan# 701

Delta R.T. -0.01 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

Instrument :

BNA_F

ClientSampleId :

PB94156BS

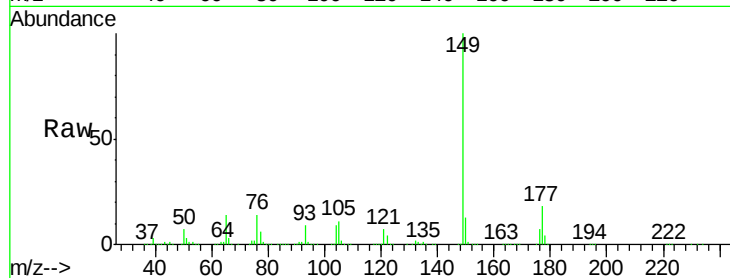
Tgt Ion:149 Resp: 1090679

Ion Ratio Lower Upper

149 100

177 18.3 15.3 22.9

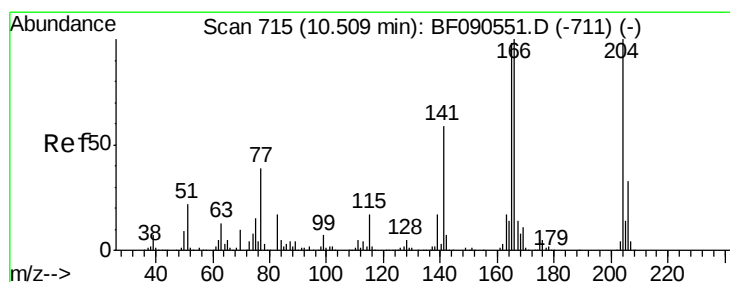
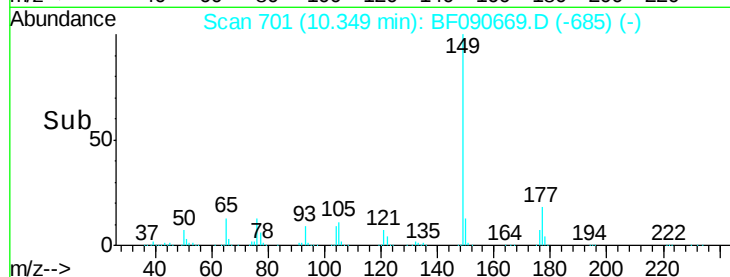
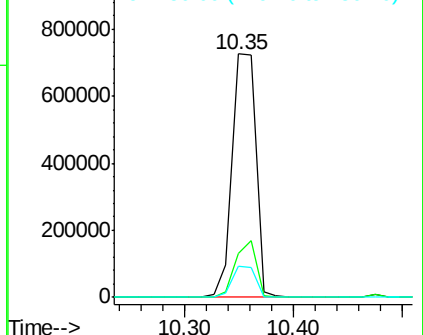
150 12.8 10.3 15.5



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: 36.05 ng

RT: 10.47 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

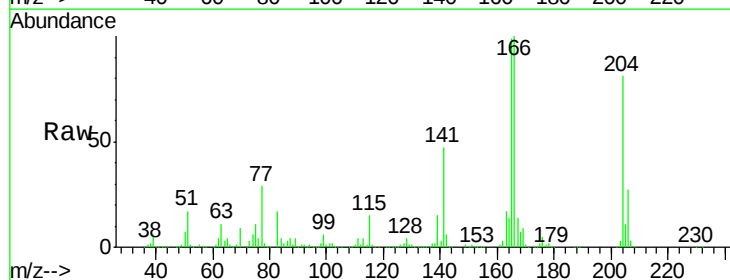
Tgt Ion:204 Resp: 502404

Ion Ratio Lower Upper

204 100

206 33.7 26.5 39.7

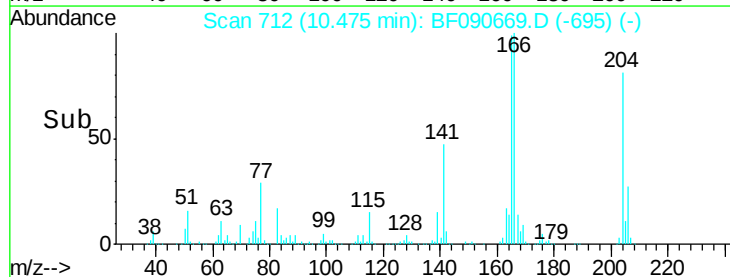
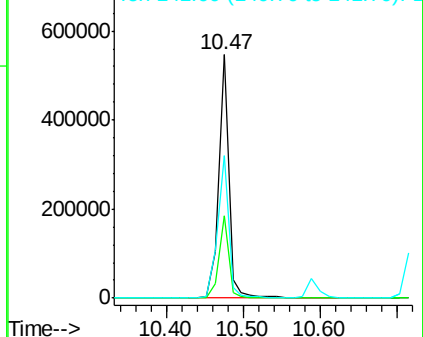
141 58.4 47.2 70.8

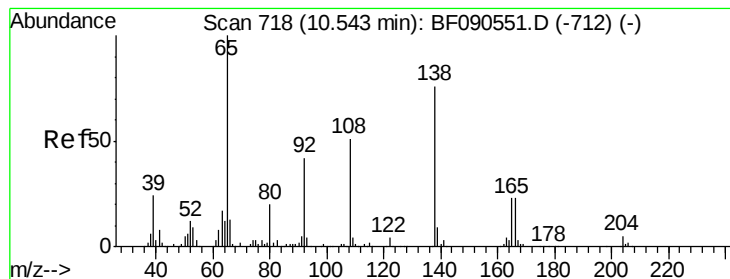


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 29.33 ng

RT: 10.51 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

Instrument :

BNA_F

ClientSampleId :

PB94156BS

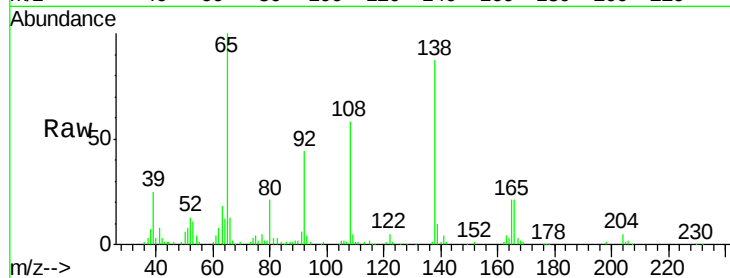
Tgt Ion:138 Resp: 237745

Ion Ratio Lower Upper

138 100

92 51.0 35.7 75.7

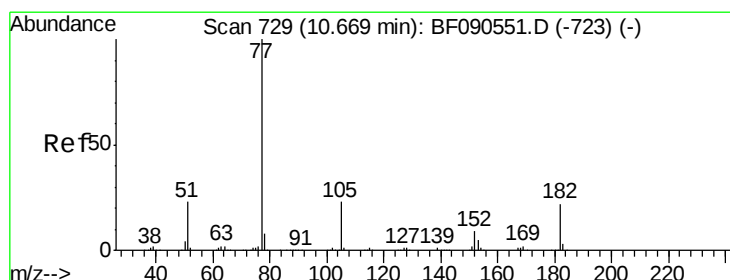
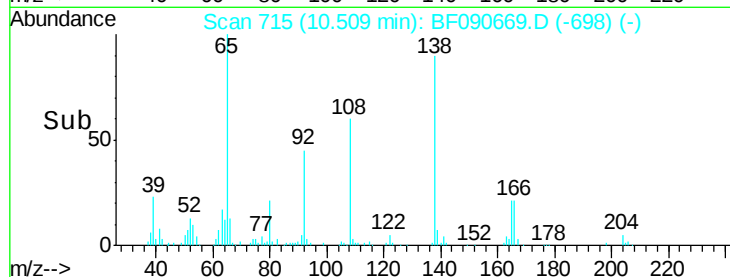
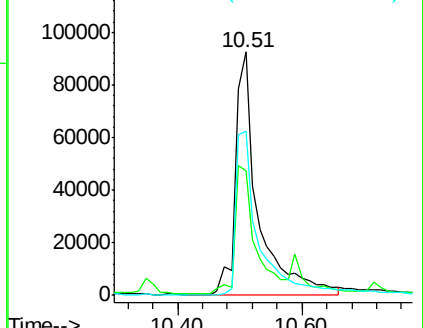
108 67.2 46.9 86.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.08 ng

RT: 10.63 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

Tgt Ion: 77 Resp: 1384215

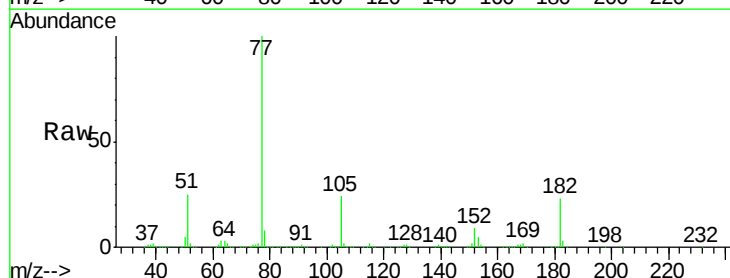
Ion Ratio Lower Upper

77 100

182 23.1 2.2 42.2

105 23.6 3.5 43.5

51 24.5 3.7 43.7

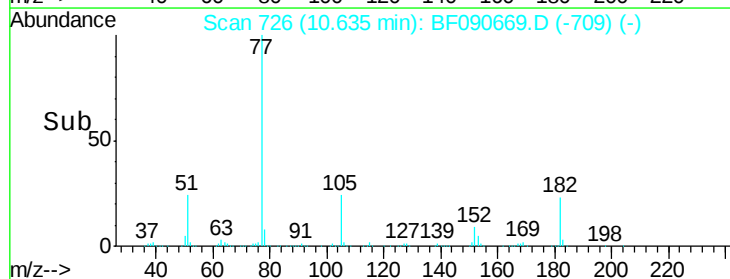
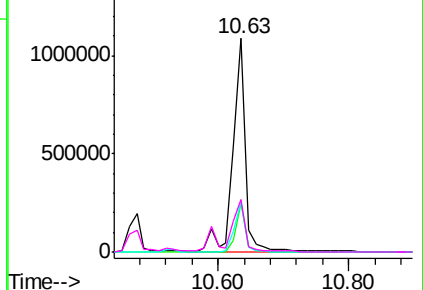


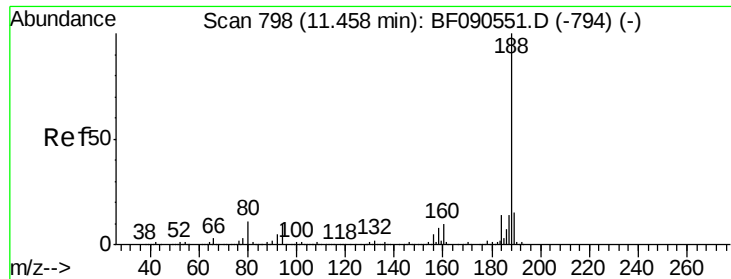
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.41 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

Instrument :

BNA_F

ClientSampleId :

PB94156BS

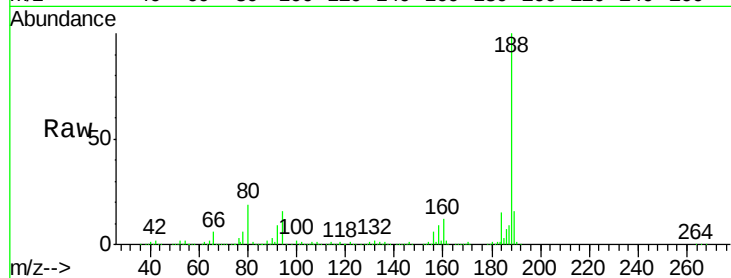
Tgt Ion:188 Resp: 680060

Ion Ratio Lower Upper

188 100

94 16.0 7.7 11.5#

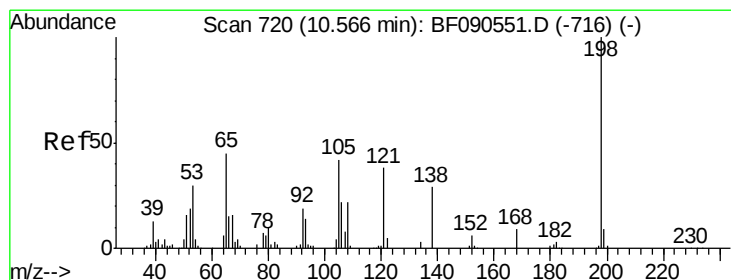
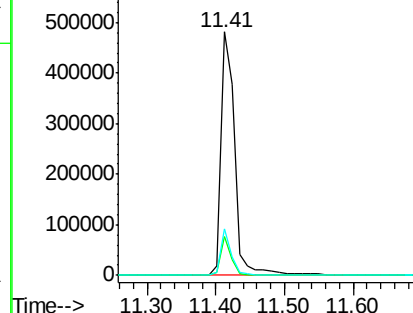
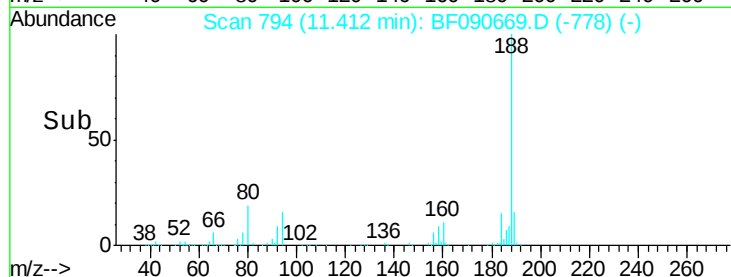
80 19.0 8.6 12.8#



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: 7.79 ng

RT: 10.53 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

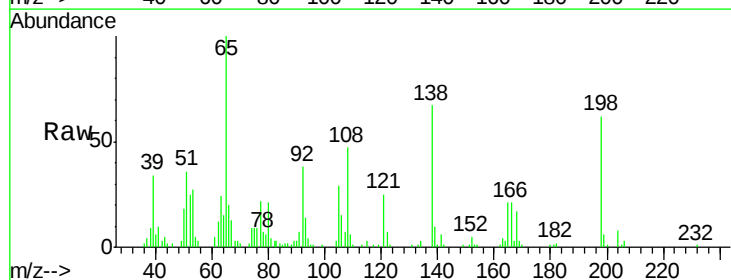
Tgt Ion:198 Resp: 32064

Ion Ratio Lower Upper

198 100

51 57.9 19.7 59.7

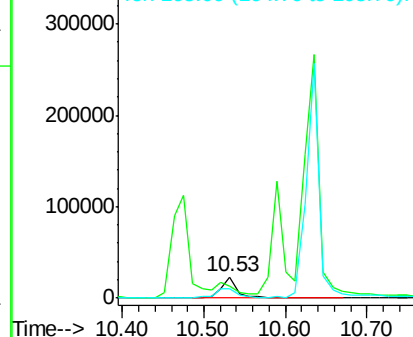
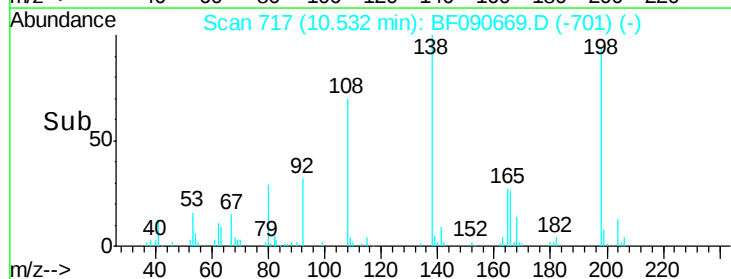
105 47.0 22.6 62.6

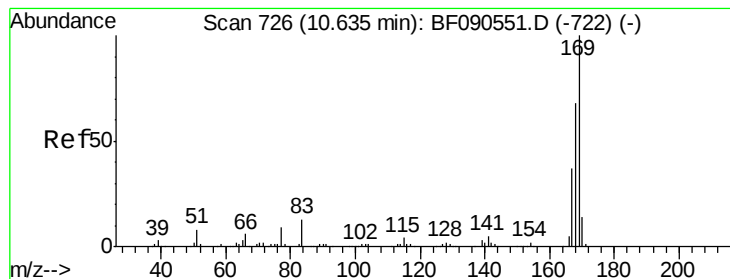


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 36.71 ng

RT: 10.59 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

Instrument :

BNA_F

ClientSampleId :

PB94156BS

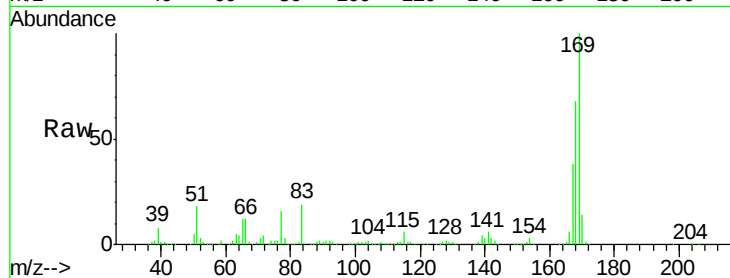
Tgt Ion:169 Resp: 824561

Ion Ratio Lower Upper

169 100

168 68.5 54.6 81.8

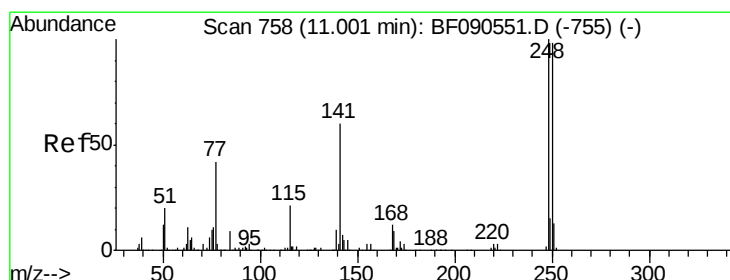
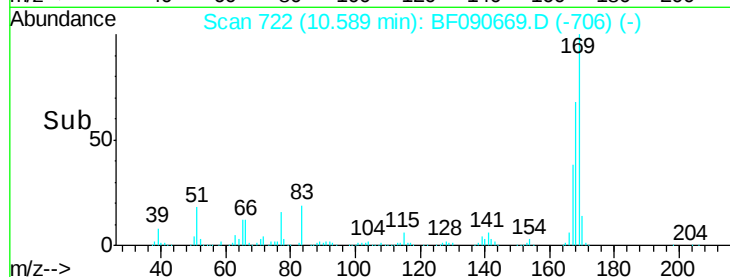
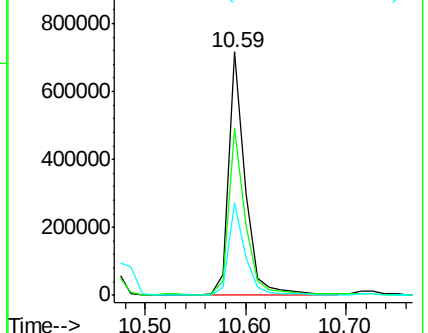
167 38.2 29.8 44.8



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: 34.26 ng

RT: 10.97 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

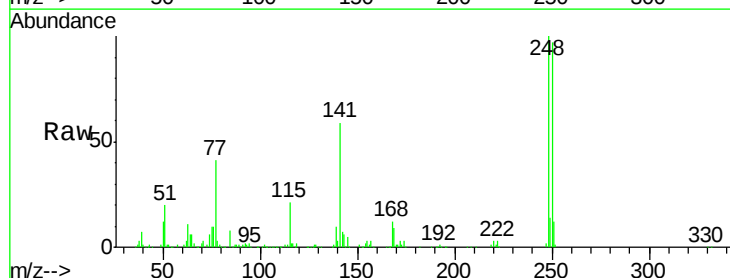
Tgt Ion:248 Resp: 250016

Ion Ratio Lower Upper

248 100

250 97.5 78.4 117.6

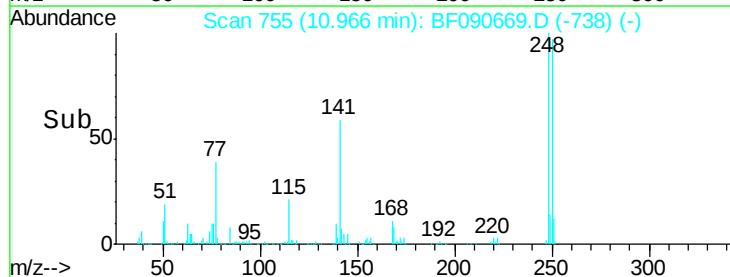
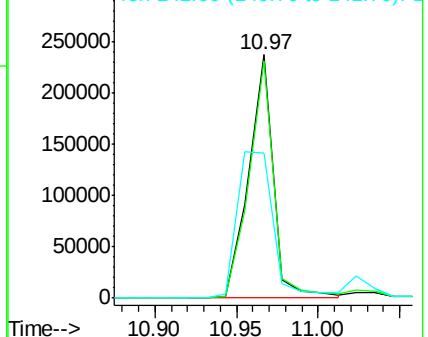
141 59.4 48.4 72.6

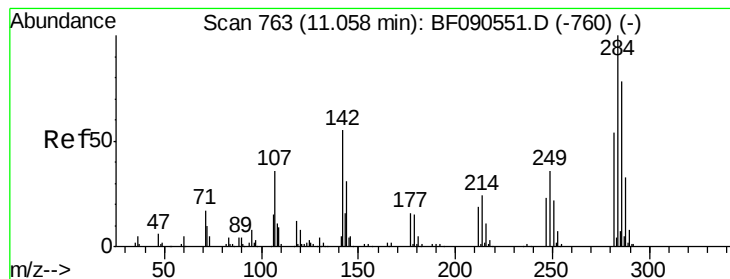


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 35.43 ng

RT: 11.03 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

Instrument :

BNA_F

ClientSampleId :

PB94156BS

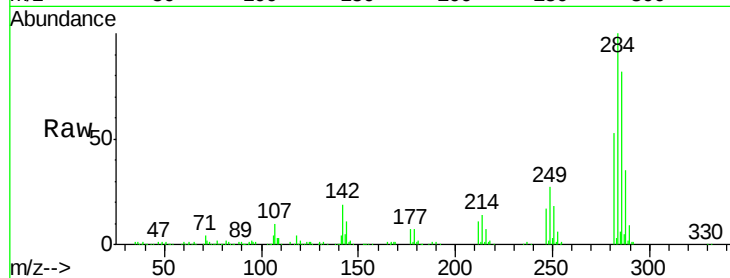
Tgt Ion:284 Resp: 280671

Ion Ratio Lower Upper

284 100

142 19.0 44.5 66.7#

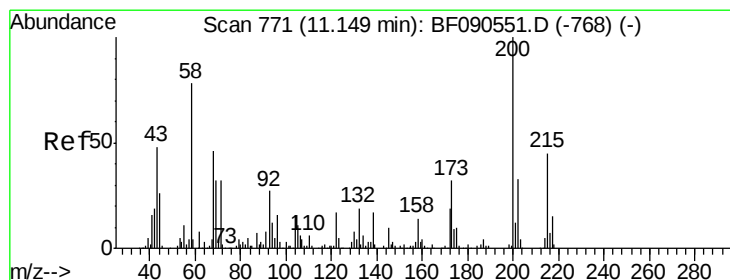
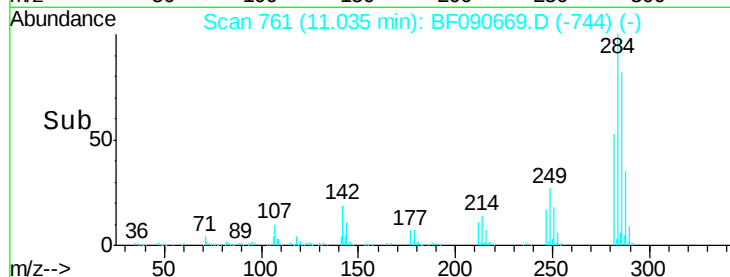
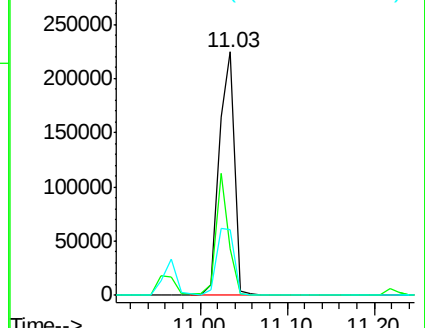
249 27.2 29.6 44.4#



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: 32.13 ng

RT: 11.11 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

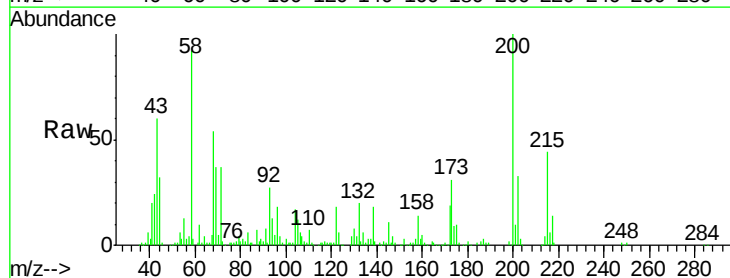
Tgt Ion:200 Resp: 199609

Ion Ratio Lower Upper

200 100

173 31.4 12.0 52.0

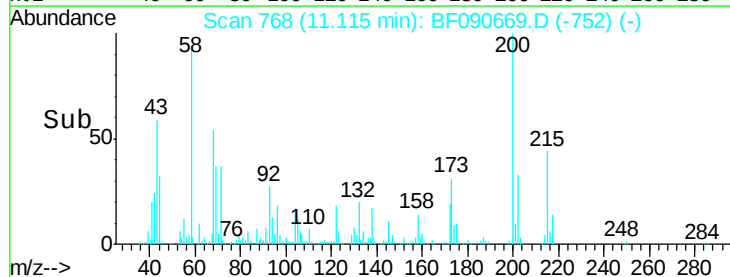
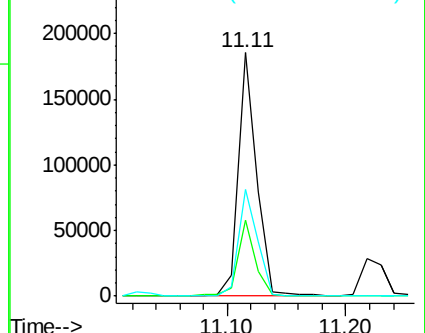
215 43.7 25.2 65.2

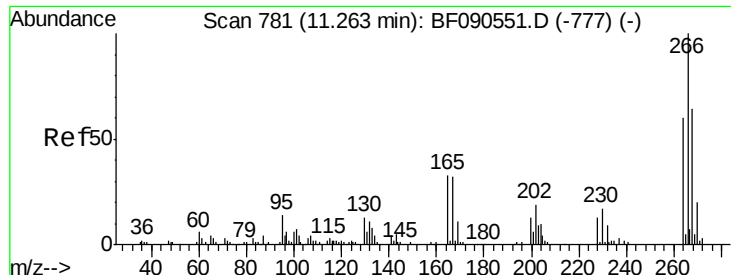


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

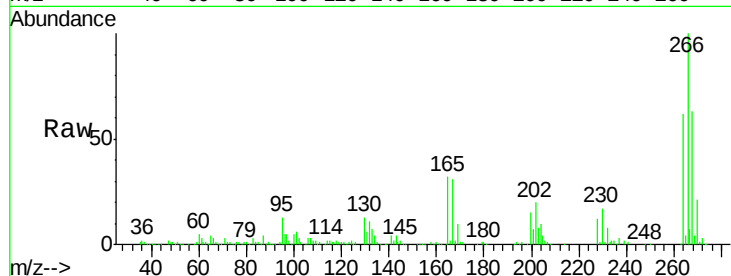




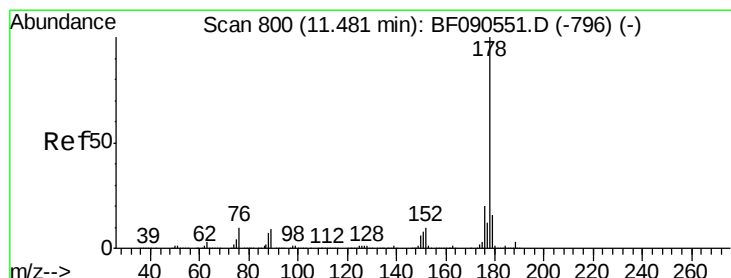
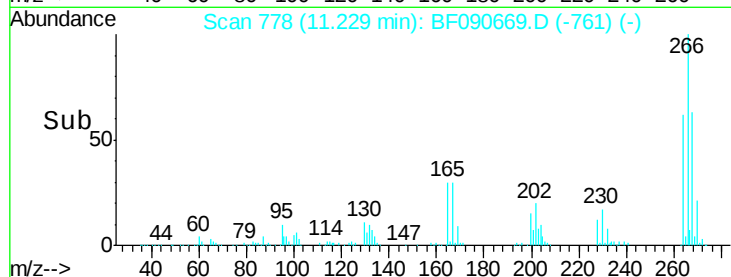
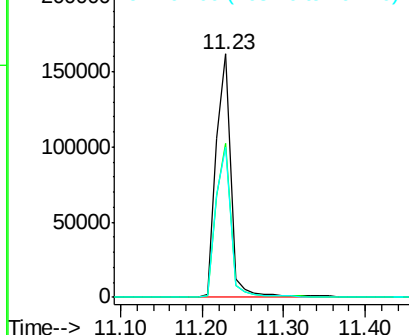
#69
 Pentachlorophenol
 Concen: 52.47 ng
 RT: 11.23 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: BF090669.D
 Acq: 20 Oct 2016 1:09

Instrument :
 BNA_F
 ClientSampleId :
 PB94156BS

Tgt Ion:266 Resp: 206047
 Ion Ratio Lower Upper
 266 100
 268 63.2 51.5 77.3
 264 61.6 47.9 71.9

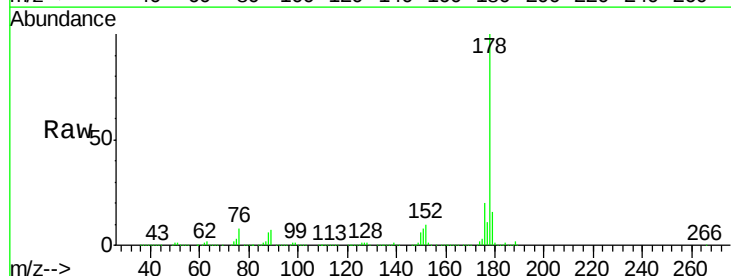


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

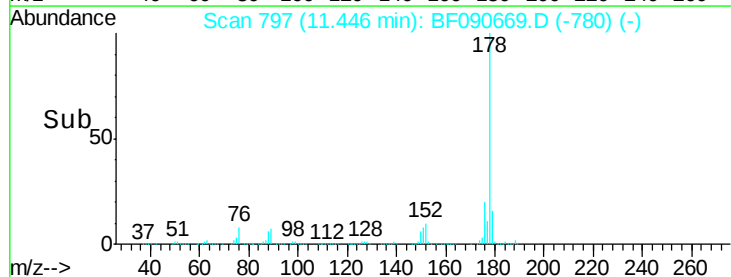
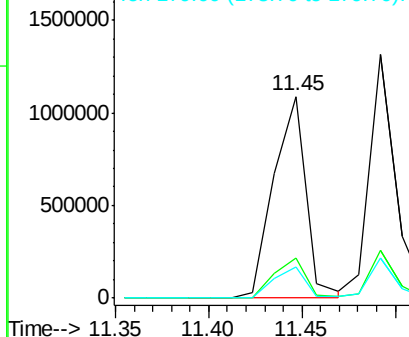


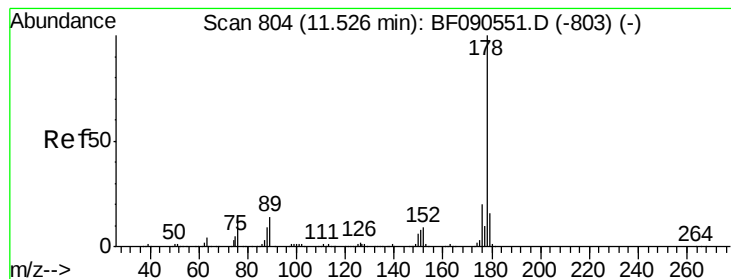
#70
 Phenanthrene
 Concen: 35.95 ng
 RT: 11.45 min Scan# 797
 Delta R.T. 0.00 min
 Lab File: BF090669.D
 Acq: 20 Oct 2016 1:09

Tgt Ion:178 Resp: 1305094
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.1 24.1
 179 15.6 12.6 19.0



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





#71

Anthracene

Concen: 34.50 ng

RT: 11.49 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

Instrument :

BNA_F

ClientSampleId :

PB94156BS

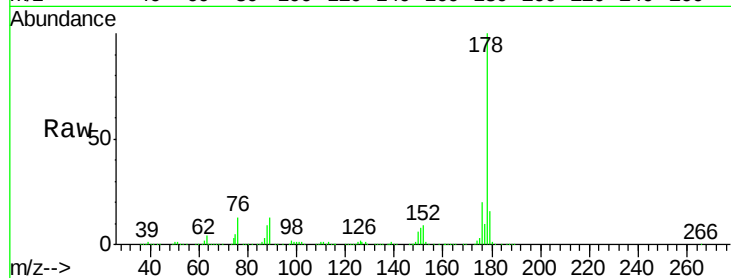
Tgt Ion:178 Resp: 1348072

Ion Ratio Lower Upper

178 100

176 19.8 15.5 23.3

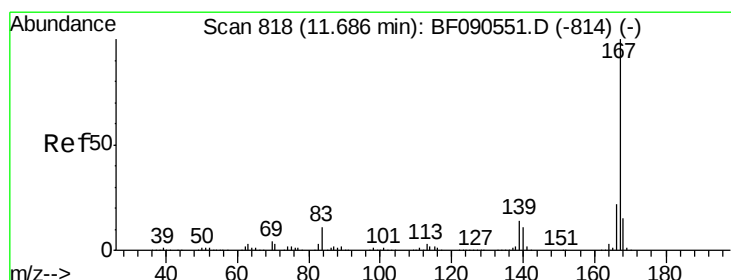
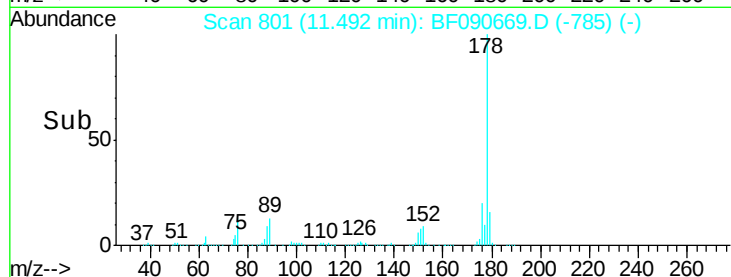
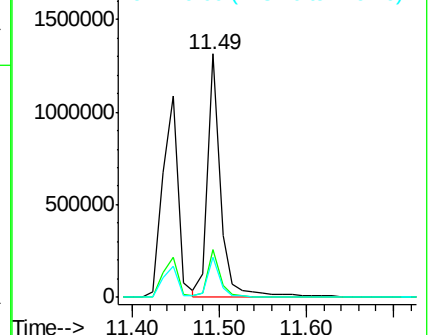
179 16.2 13.0 19.4



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: 34.19 ng

RT: 11.65 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

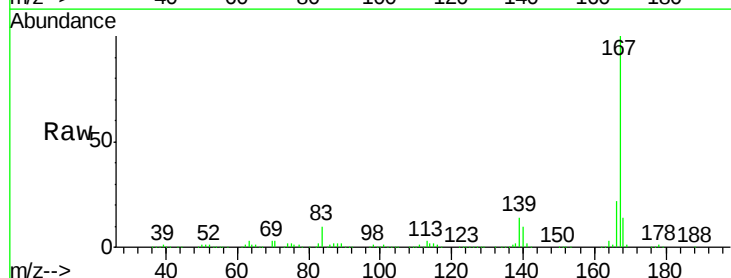
Tgt Ion:167 Resp: 1195626

Ion Ratio Lower Upper

167 100

166 22.2 17.8 26.8

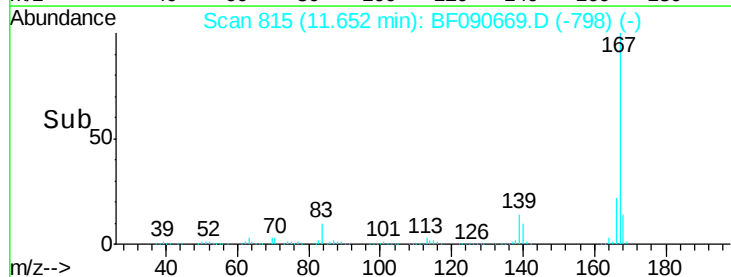
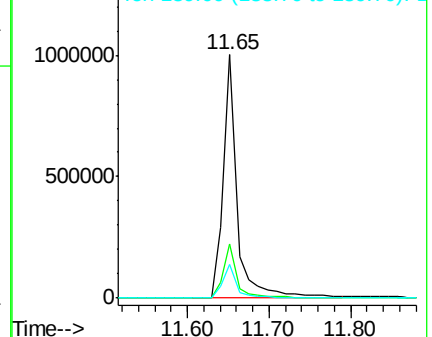
139 13.9 11.3 16.9

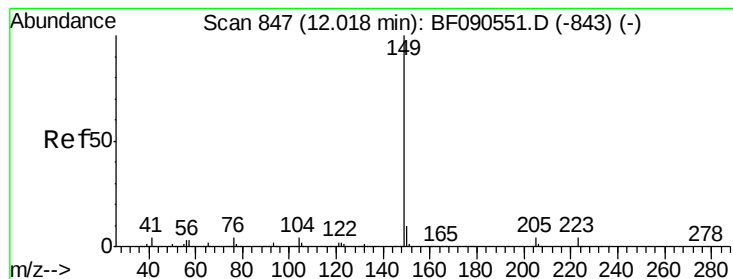


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.07 ng

RT: 11.98 min Scan# 844

Delta R.T. 0.00 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

Instrument :

BNA_F

ClientSampleId :

PB94156BS

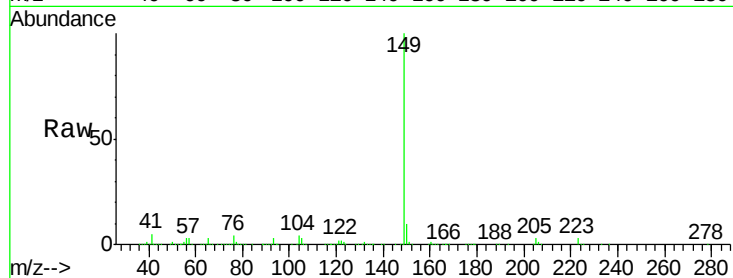
Tgt Ion:149 Resp: 1723930

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

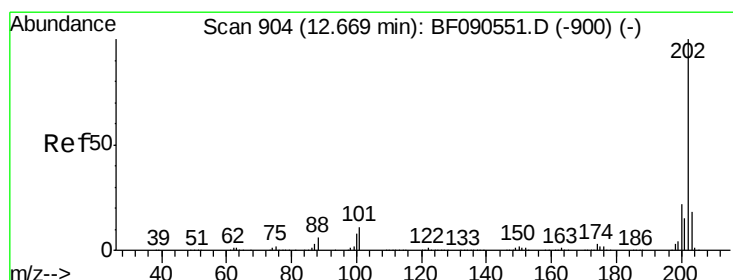
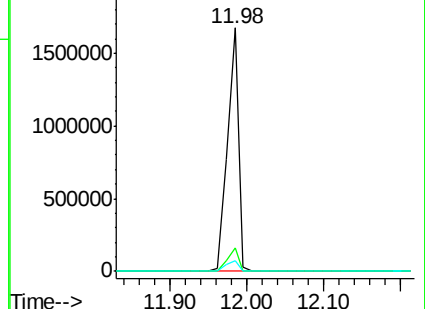
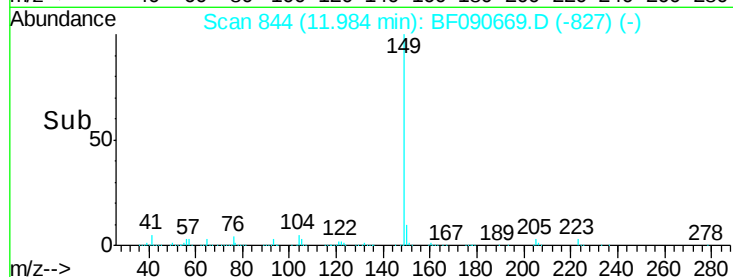
104 4.5 3.3 4.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 30.50 ng

RT: 12.62 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

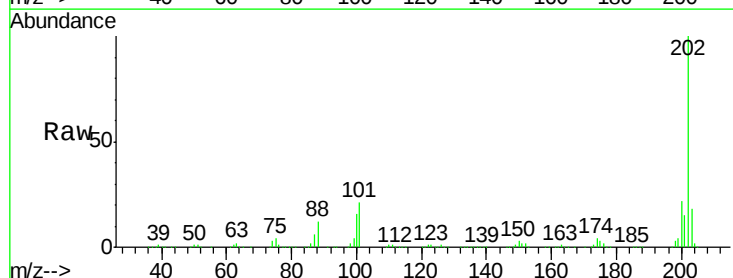
Tgt Ion:202 Resp: 1113703

Ion Ratio Lower Upper

202 100

101 21.3 0.0 31.1

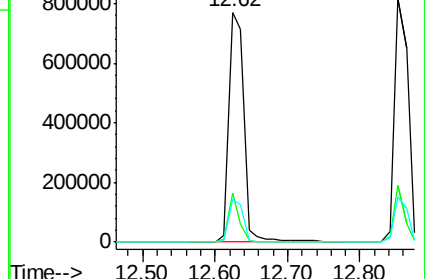
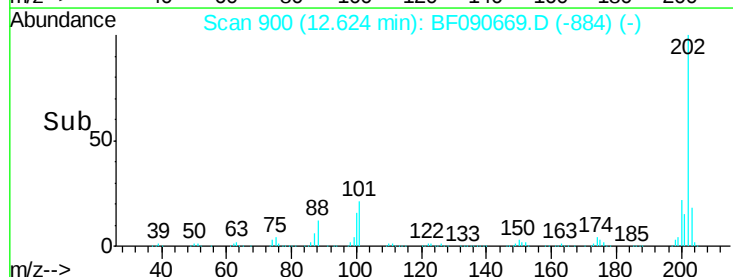
203 18.4 0.0 38.0

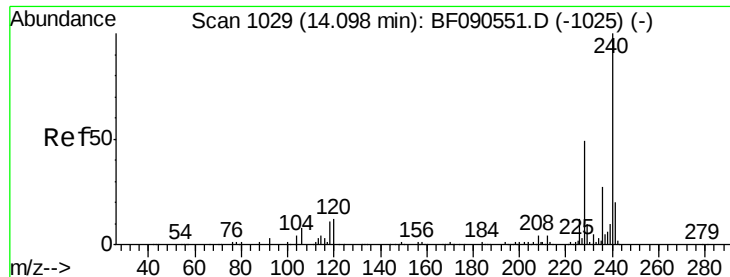


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

Instrument :

BNA_F

ClientSampleId :

PB94156BS

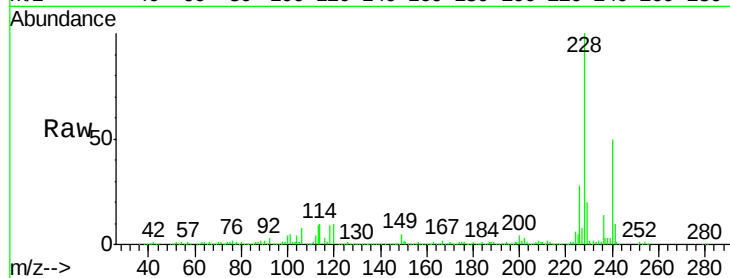
Tgt Ion:240 Resp: 456601

Ion Ratio Lower Upper

240 100

120 20.6 9.8 14.8#

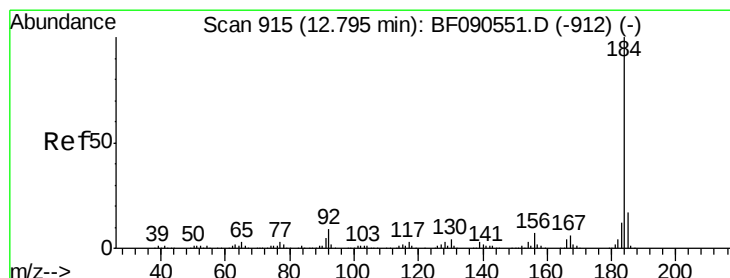
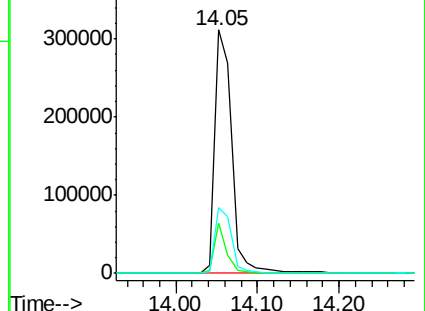
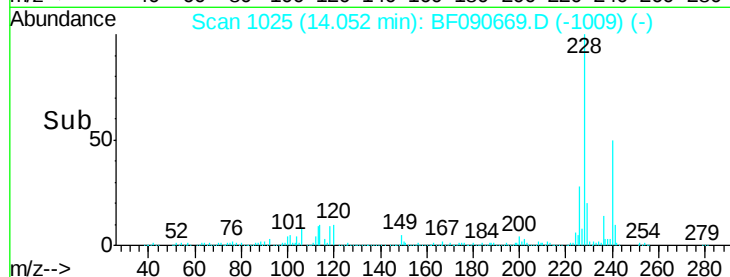
236 26.9 21.7 32.5



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: 13.03 ng

RT: 12.76 min Scan# 912

Delta R.T. 0.00 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

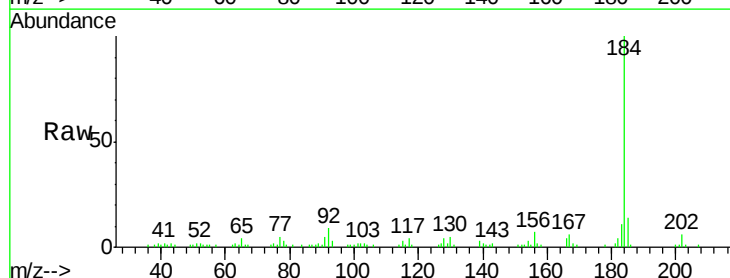
Tgt Ion:184 Resp: 147979

Ion Ratio Lower Upper

184 100

185 14.3 13.4 20.0

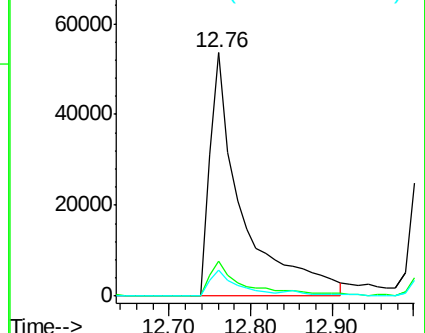
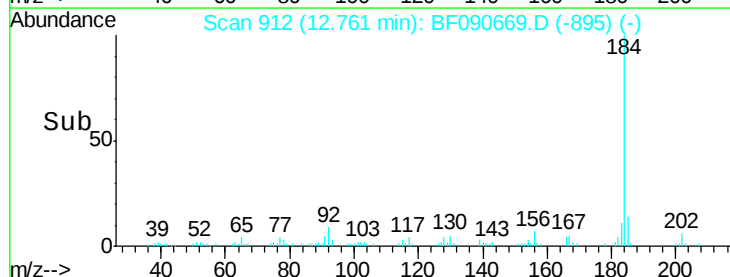
183 10.9 9.4 14.0

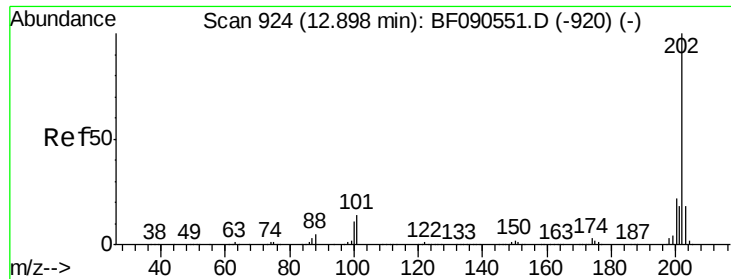


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

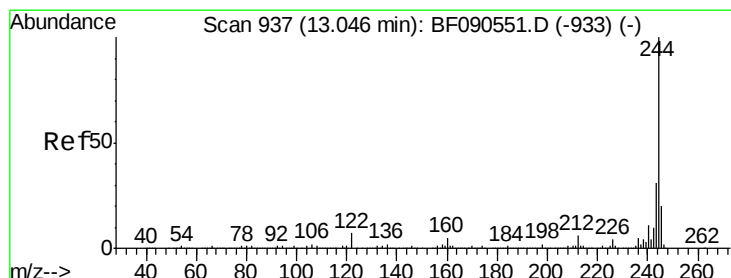
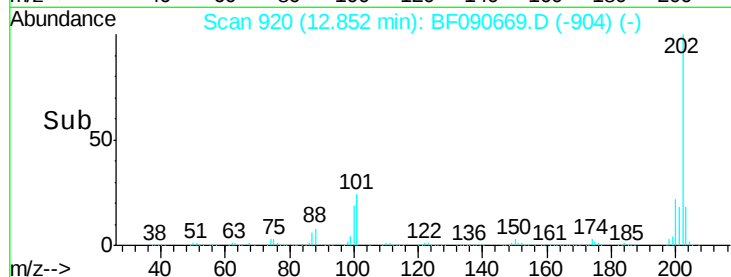
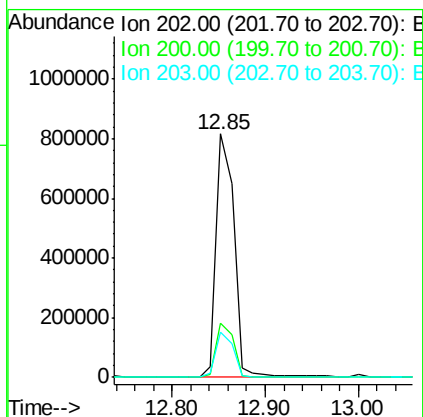
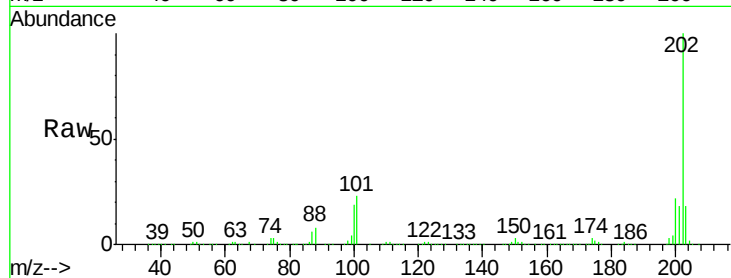




#77
 Pyrene
 Concen: 35.70 ng
 RT: 12.85 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: BF090669.D
 Acq: 20 Oct 2016 1:09

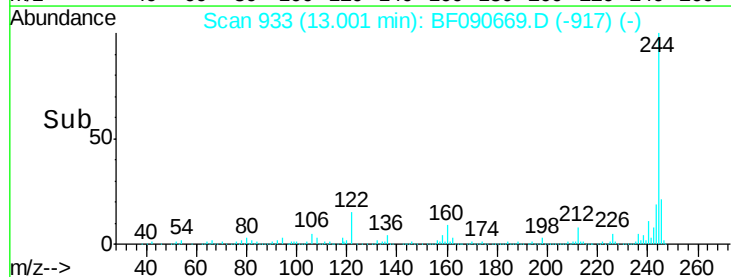
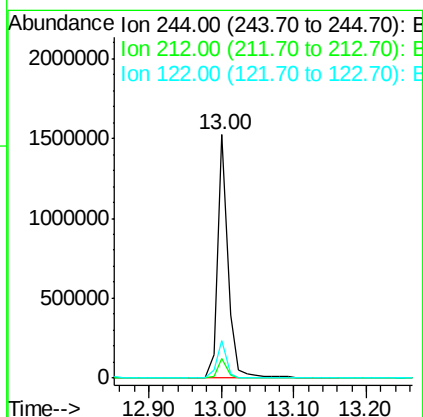
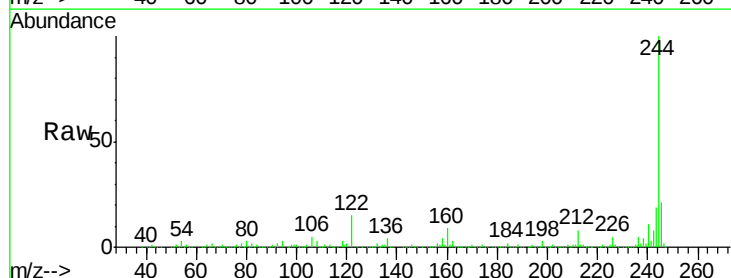
Instrument :
 BNA_F
 ClientSampleId :
 PB94156BS

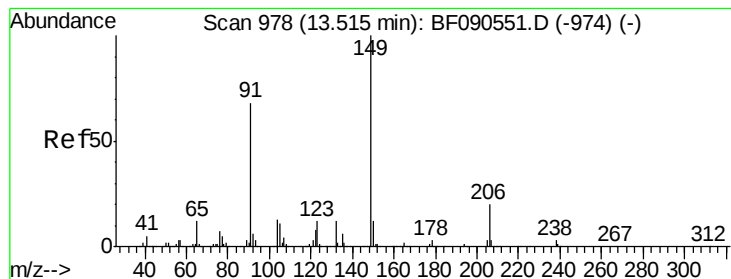
Tgt Ion: 202 Resp: 1079545
 Ion Ratio Lower Upper
 202 100
 200 22.3 17.8 26.6
 203 18.4 14.6 21.8



#78
 Terphenyl-d14
 Concen: 77.70 ng
 RT: 13.00 min Scan# 933
 Delta R.T. -0.01 min
 Lab File: BF090669.D
 Acq: 20 Oct 2016 1:09

Tgt Ion: 244 Resp: 1523654
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.0 7.4#
 122 15.5 5.6 8.4#





#79

Butylbenzylphthalate

Concen: 45.61 ng

RT: 13.48 min Scan# 975

Delta R.T. 0.00 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

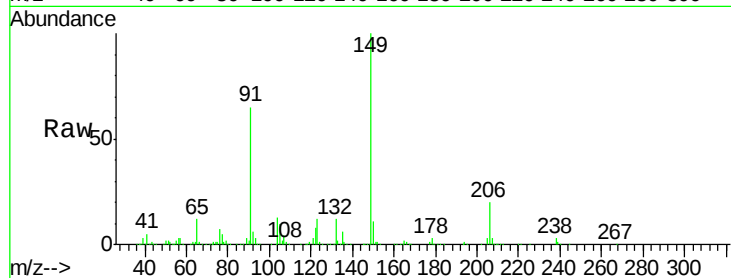
Instrument :

BNA_F

ClientSampleId :

PB94156BS

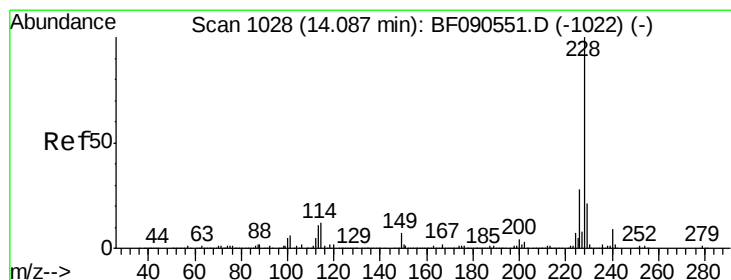
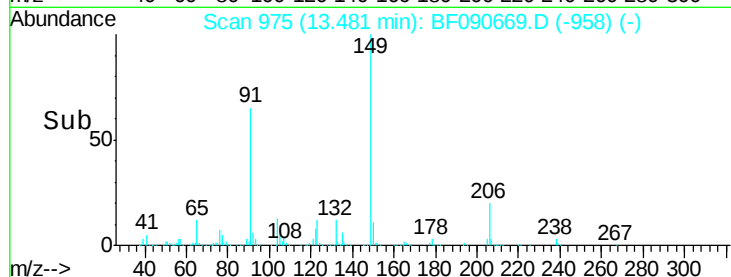
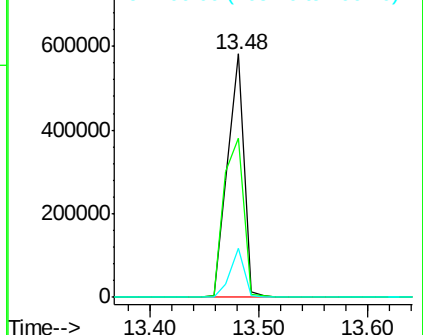
Tgt Ion:	149	Resp:	611116
Ion Ratio	Lower	Upper	
149	100		
91	65.3	54.3	81.5
206	20.0	15.8	23.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 35.50 ng

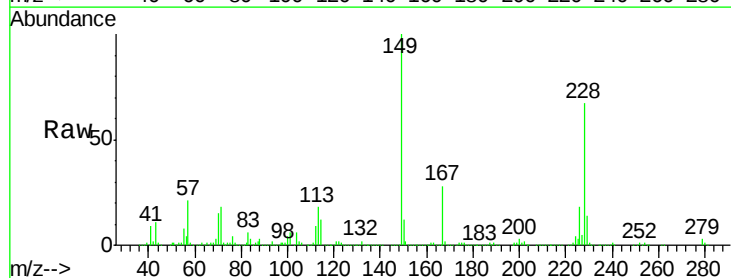
RT: 14.04 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

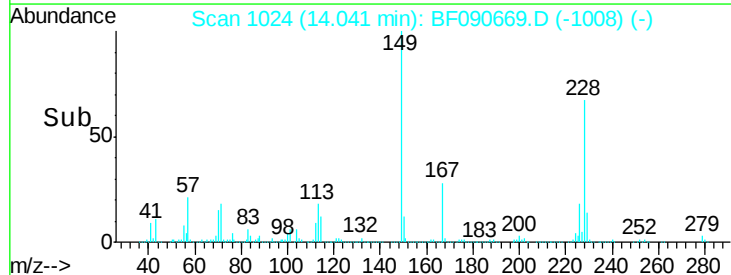
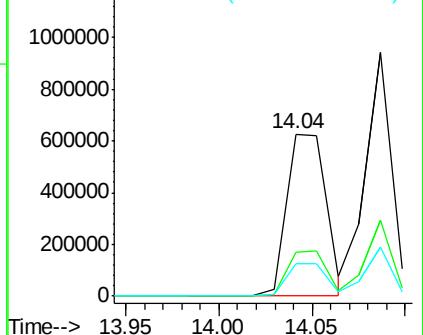
Tgt Ion:	228	Resp:	922843
Ion Ratio	Lower	Upper	
228	100		
226	27.4	22.8	34.2
229	20.2	16.6	25.0

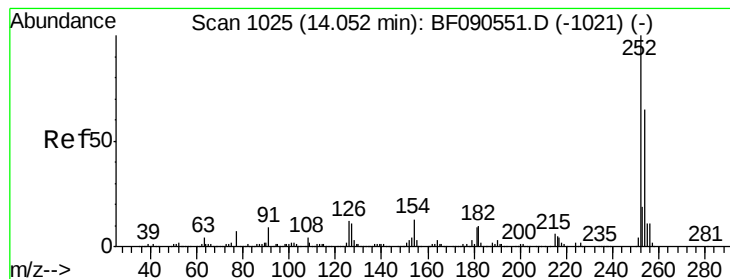


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

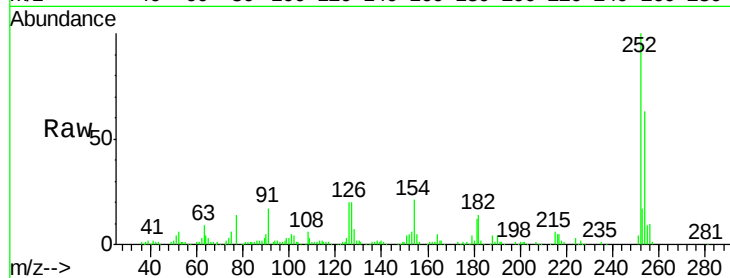




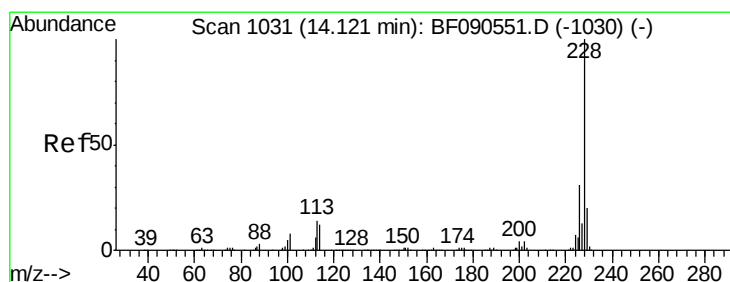
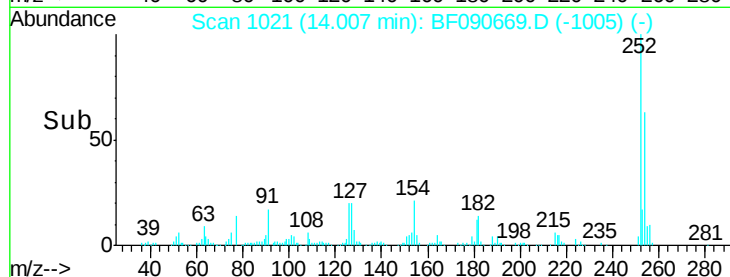
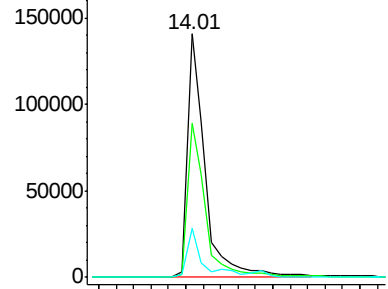
#81
 3,3'-Dichlorobenzidine
 Concen: 22.79 ng
 RT: 14.01 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF090669.D
 Acq: 20 Oct 2016 1:09

Instrument :
 BNA_F
 ClientSampleId :
 PB94156BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.4	52.1	78.1
126	20.2	9.3	13.9#

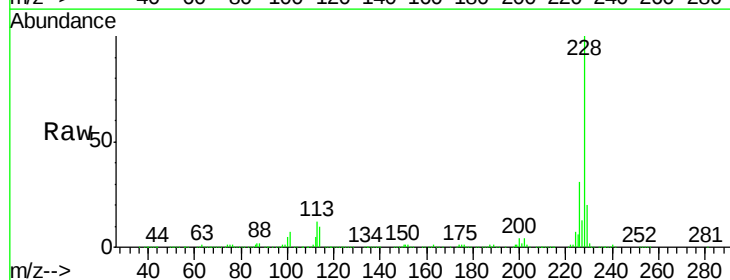


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

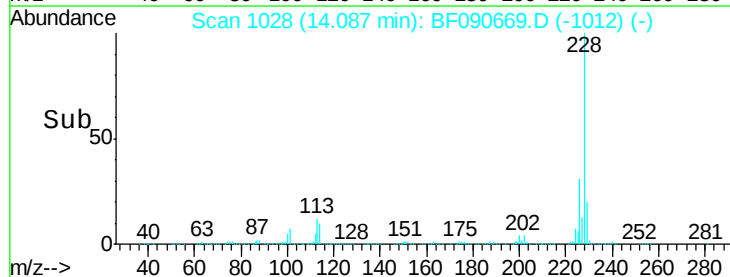
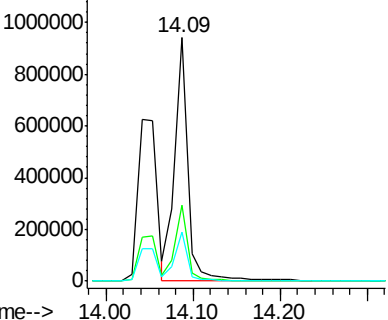


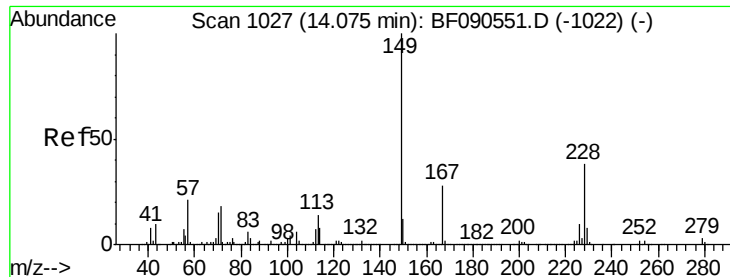
#82
 Chrysene
 Concen: 38.98 ng
 RT: 14.09 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF090669.D
 Acq: 20 Oct 2016 1:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.8	37.2
229	20.2	16.2	24.4



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

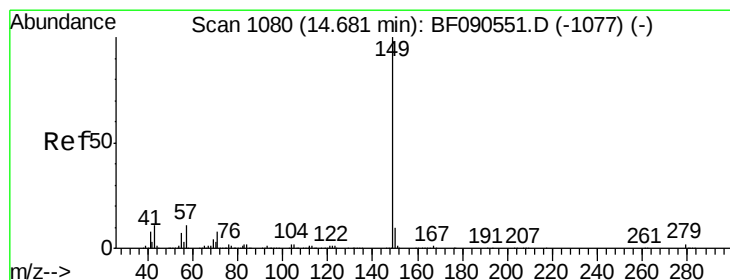
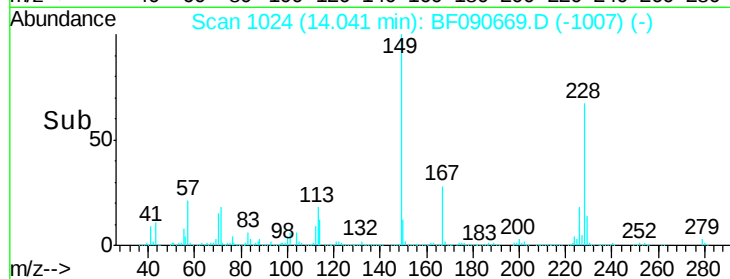
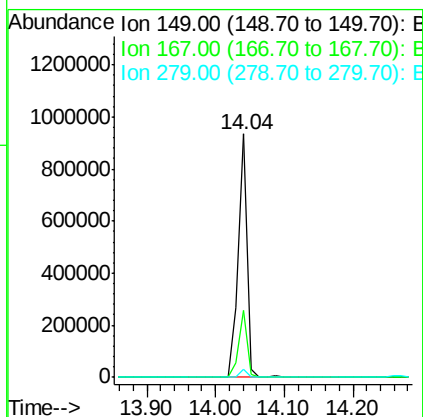
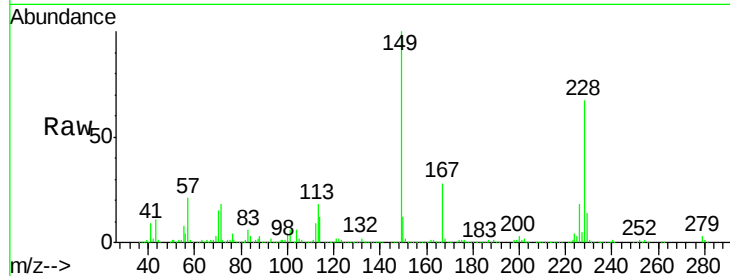




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.43 ng
 RT: 14.04 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BF090669.D
 Acq: 20 Oct 2016 1:09

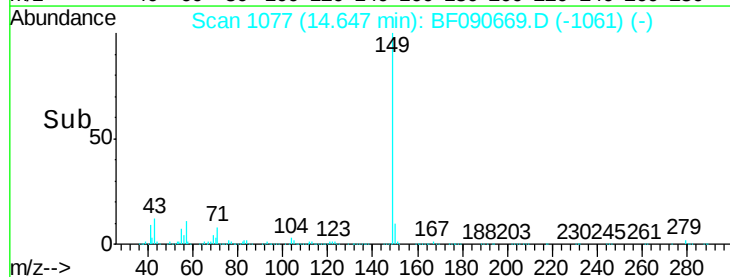
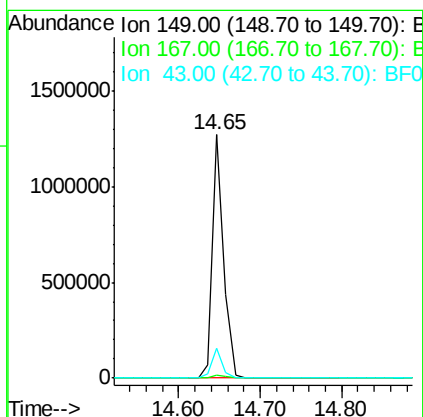
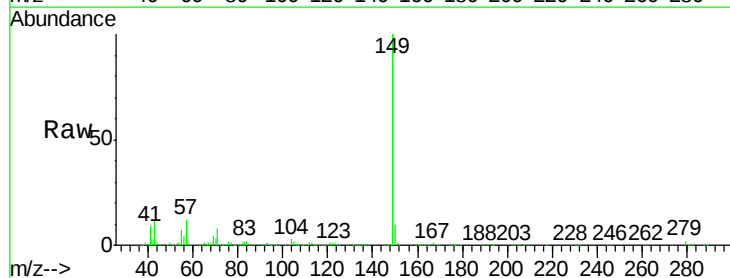
Instrument :
 BNA_F
 ClientSampleId :
 PB94156BS

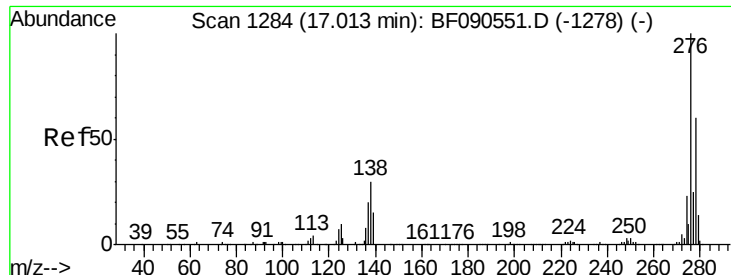
Tgt Ion:149 Resp: 857337
 Ion Ratio Lower Upper
 149 100
 167 27.6 22.1 33.1
 279 3.4 2.6 4.0



#84
 Di-n-octyl phthalate
 Concen: 51.16 ng
 RT: 14.65 min Scan# 1077
 Delta R.T. -0.01 min
 Lab File: BF090669.D
 Acq: 20 Oct 2016 1:09

Tgt Ion:149 Resp: 1239933
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 11.5 6.7 10.1#

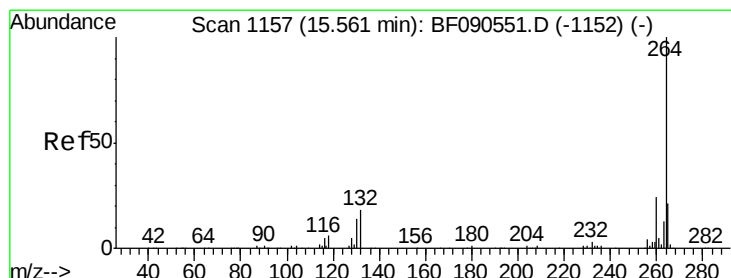
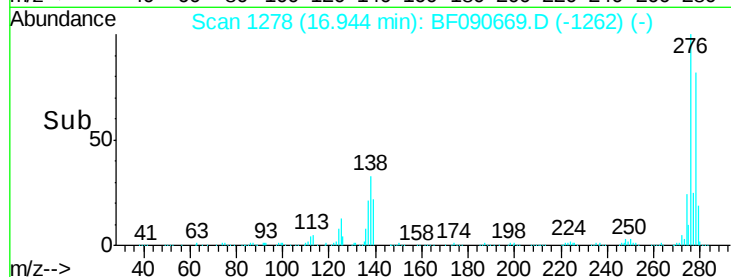
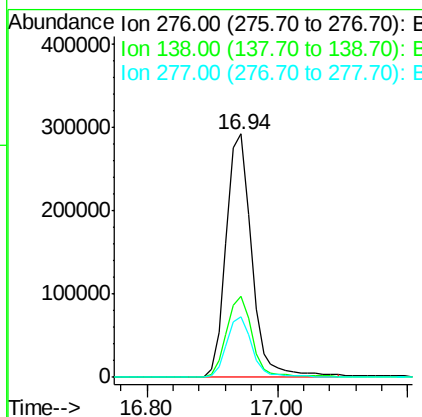
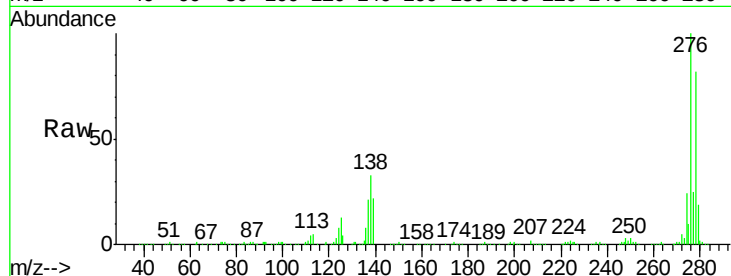




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 55.32 ng
 RT: 16.94 min Scan# 1278
 Delta R.T. -0.01 min
 Lab File: BF090669.D
 Acq: 20 Oct 2016 1:09

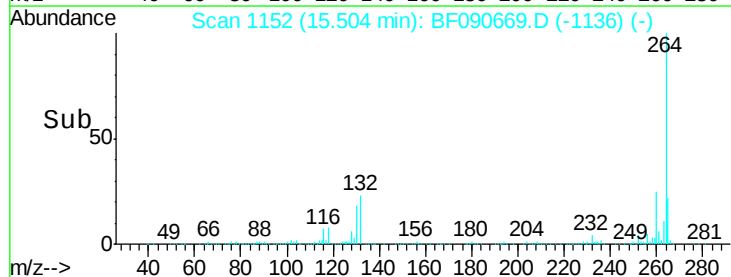
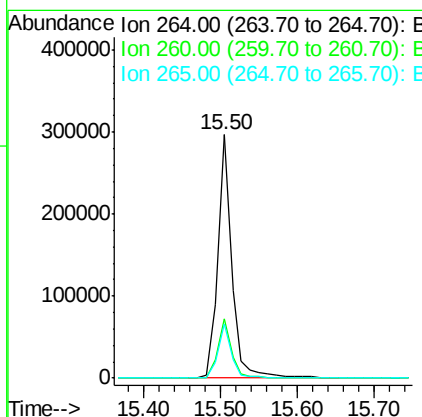
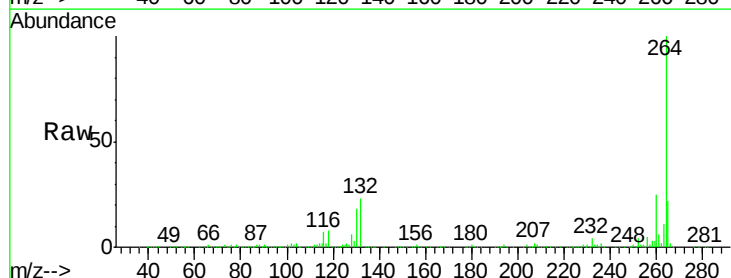
Instrument :
 BNA_F
 ClientSampleId :
 PB94156BS

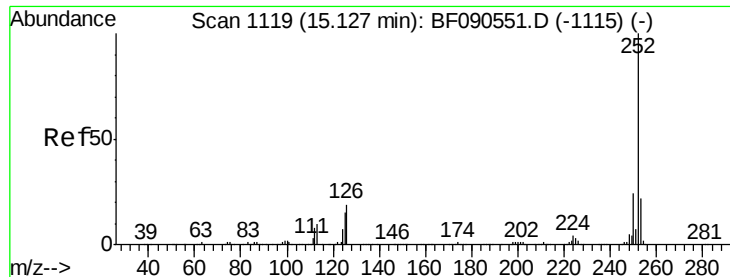
Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.0	25.8	38.6
277	24.9	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF090669.D
 Acq: 20 Oct 2016 1:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.3	28.9
265	22.2	16.7	25.1

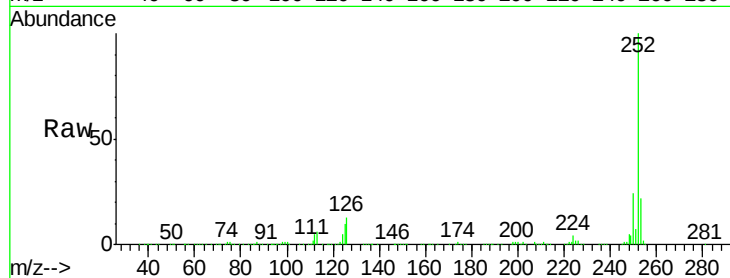




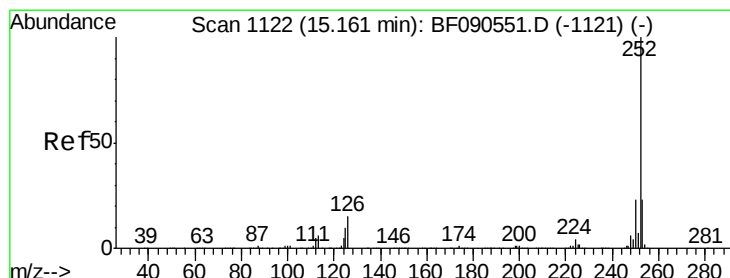
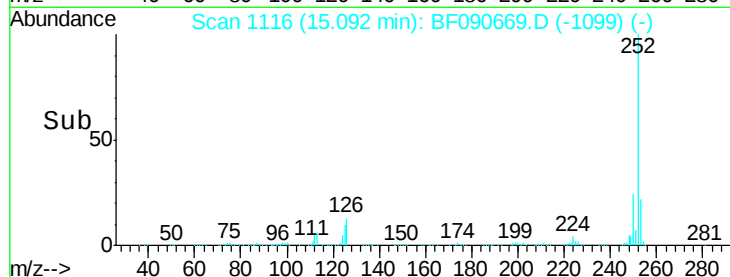
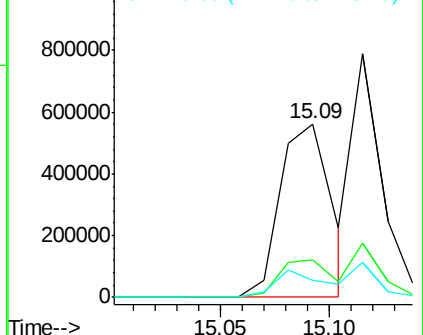
#87
Benzo(b)fluoranthene
Concen: 37.20 ng
RT: 15.09 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BF090669.D
Acq: 20 Oct 2016 1:09

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tgt Ion:252 Resp: 921910
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 9.8 12.0 18.0#

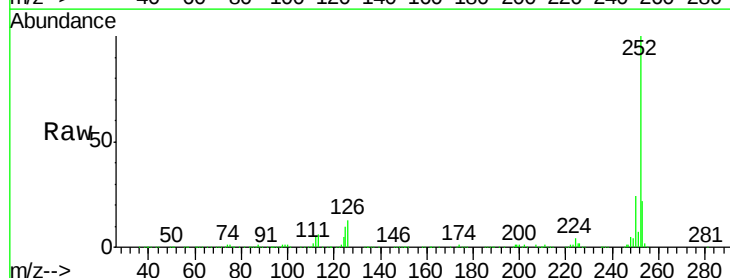


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

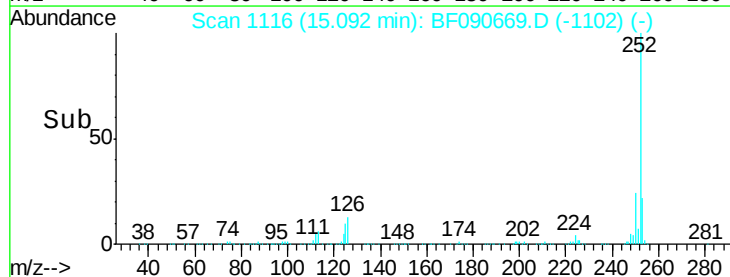
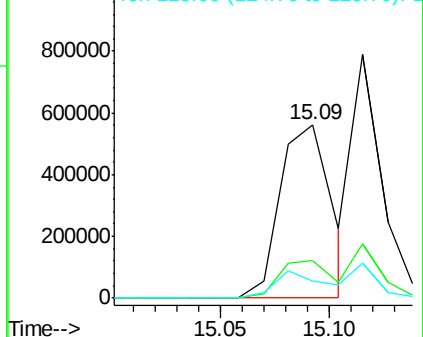


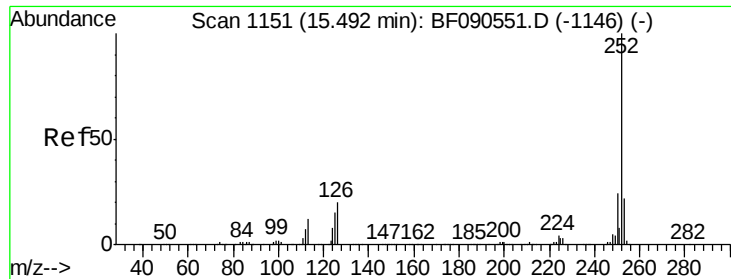
#88
Benzo(k)fluoranthene
Concen: 34.58 ng
RT: 15.09 min Scan# 1116
Delta R.T. -0.03 min
Lab File: BF090669.D
Acq: 20 Oct 2016 1:09

Tgt Ion:252 Resp: 921910
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 9.8 10.0 15.0#



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





#89

Benzo(a)pyrene

Concen: 35.21 ng

RT: 15.45 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

Instrument :

BNA_F

ClientSampleId :

PB94156BS

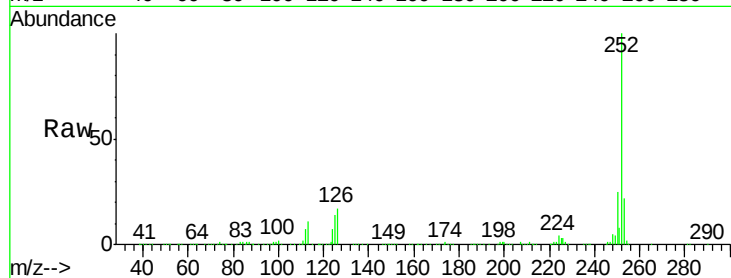
Tgt Ion: 252 Resp: 798718

Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

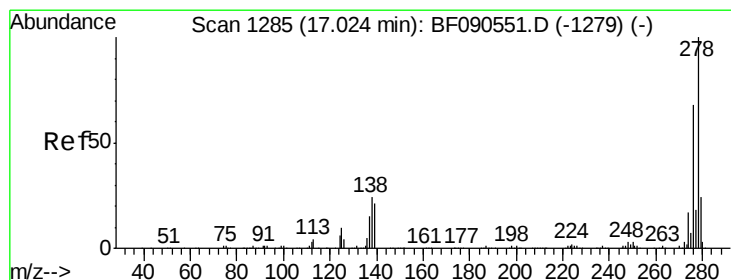
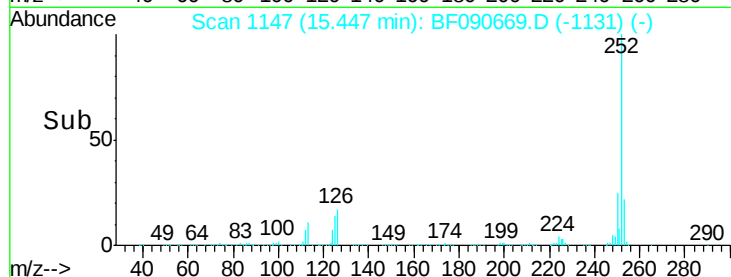
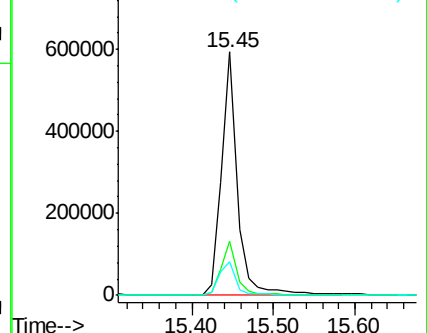
125 13.9 12.3 18.5



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



#90

Dibenzo(a,h)anthracene

Concen: 40.49 ng

RT: 16.96 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

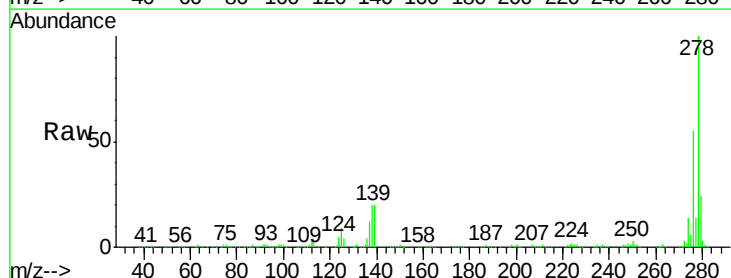
Tgt Ion: 278 Resp: 700478

Ion Ratio Lower Upper

278 100

139 20.2 16.6 25.0

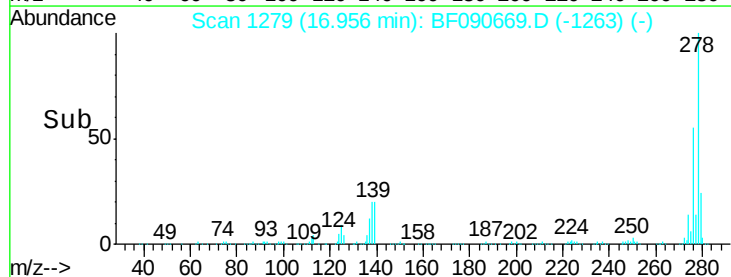
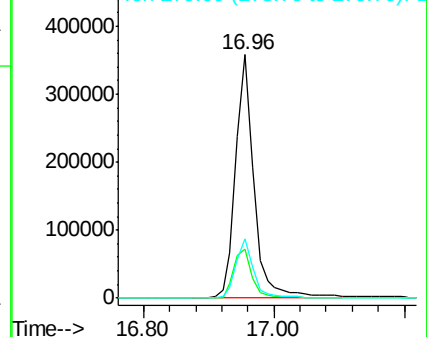
279 24.2 19.1 28.7

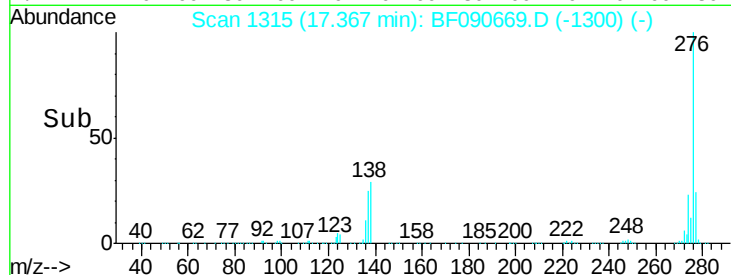
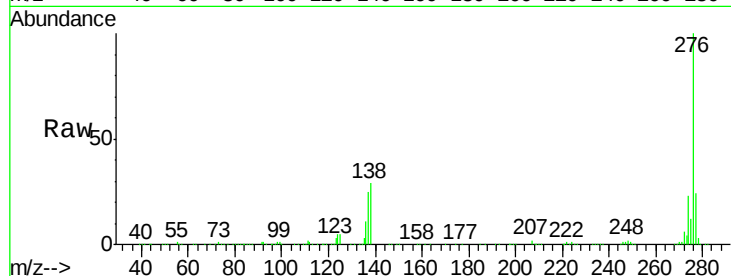
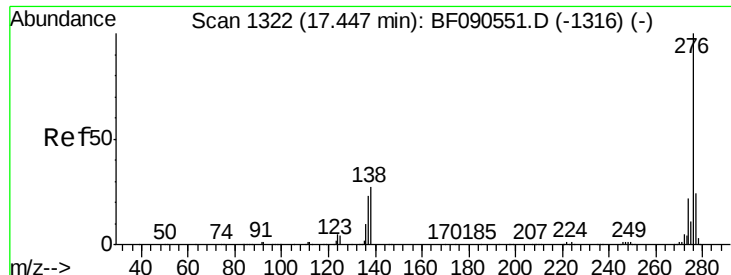


Abundance Ion 278.00 (277.70 to 278.70): E

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: 37.20 ng

RT: 17.37 min Scan# 1315

Delta R.T. -0.02 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

Instrument :

BNA_F

ClientSampleId :

PB94156BS

Tgt Ion:276 Resp: 613661

Ion Ratio Lower Upper

276 100

277 24.1 18.8 28.2

138 29.5 21.8 32.8

