

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
 Data File : BF090456.D
 Acq On : 7 Oct 2016 21:02
 Operator : UM/SJ
 Sample : PB93841BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 PB93841BS

Quant Time: Oct 08 00:01:00 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 14:57:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	240888	20.00	ng	-0.01
21) Naphthalene-d8	8.28	136	1049883	20.00	ng	-0.01
38) Acenaphthene-d10	10.04	164	524573	20.00	ng	-0.01
63) Phenanthrene-d10	11.53	188	818335	20.00	ng	-0.02
75) Chrysene-d12	14.18	240	506470	20.00	ng	-0.02
86) Perylene-d12	15.68	264	426673	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	1101101	68.22	ng	0.00
7) Phenol-d6	6.62	99	1507033	71.29	ng	0.00
23) Nitrobenzene-d5	7.56	82	1554517	72.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	355253	83.29	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	2420205	76.87	ng	-0.02
78) Terphenyl-d14	13.13	244	2182265	96.87	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	225185	28.30	ng	# 87
3) Pyridine	3.51	79	677990	30.56	ng	# 81
4) n-Nitrosodimethylamine	3.47	42	280281	30.62	ng	# 43
6) Aniline	6.65	93	592392	20.29	ng	# 76
8) 2-Chlorophenol	6.78	128	657191	37.00	ng	84
9) Benzaldehyde	6.53	77	281040	26.30	ng	97
10) Phenol	6.63	94	754866	30.71	ng	94
11) bis(2-Chloroethyl)ether	6.73	93	663461	35.26	ng	93
12) 1,3-Dichlorobenzene	6.93	146	687129	38.81	ng	98
13) 1,4-Dichlorobenzene	6.93	146	687129	38.21	ng	97
14) 1,2-Dichlorobenzene	7.16	146	628612	36.28	ng	98
15) Benzyl Alcohol	7.13	79	639057	39.77	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.26	45	932497	29.22	ng	87
17) 2-Methylphenol	7.25	107	598132	40.95	ng	98
18) Hexachloroethane	7.50	117	233664	32.96	ng	95
19) n-Nitroso-di-n-propylamine	7.40	70	524536	33.84	ng	# 82
20) 3+4-Methylphenols	7.40	107	681982	36.07	ng	# 77
22) Acetophenone	7.40	105	931102	37.44	ng	# 94
24) Nitrobenzene	7.57	77	721296	33.66	ng	99
25) Isophorone	7.81	82	1341047	33.98	ng	98
26) 2-Nitrophenol	7.89	139	355148	38.51	ng	# 88
27) 2,4-Dimethylphenol	7.94	122	630180	35.14	ng	96
28) bis(2-Chloroethoxy)methane	8.03	93	852814	36.54	ng	99
29) 2,4-Dichlorophenol	8.14	162	500439	36.70	ng	96
30) 1,2,4-Trichlorobenzene	8.22	180	570600	40.60	ng	96
31) Naphthalene	8.30	128	1963389	38.76	ng	99
32) Benzoic acid	8.06	122	451271	36.19	ng	97
33) 4-Chloroaniline	8.35	127	257379	12.29	ng	# 90
34) Hexachlorobutadiene	8.42	225	282788	36.02	ng	99
35) Caprolactam	8.73	113	199413	43.50	ng	# 61
36) 4-Chloro-3-methylphenol	8.84	107	660447	38.68	ng	95
37) 2-Methylnaphthalene	8.99	142	1232807	40.21	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	533183	38.55	ng	98
40) Hexachlorocyclopentadiene	9.15	237	332275	43.83	ng	98

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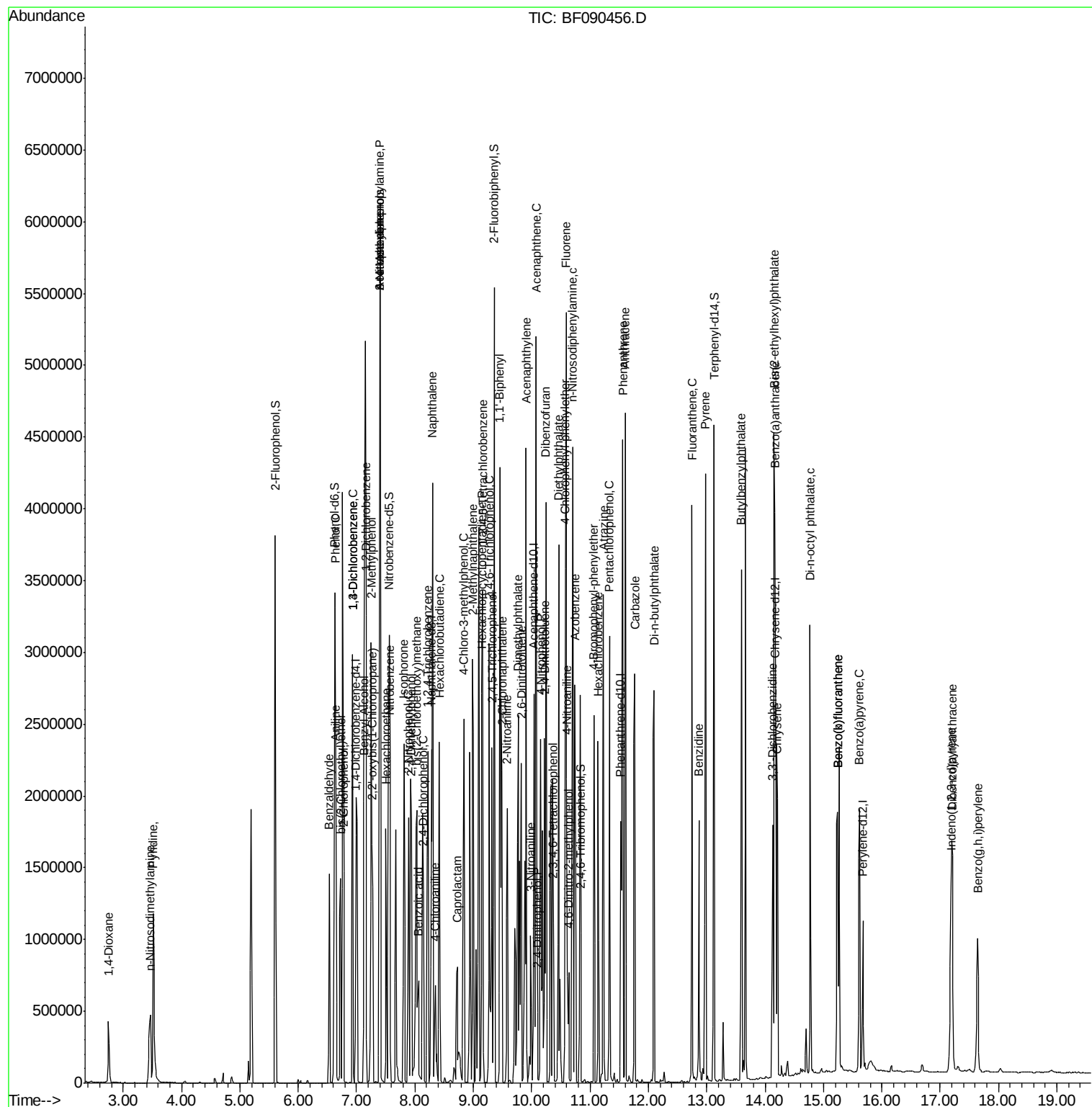
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	403062	42.23	ng	97
43) 2,4,5-Trichlorophenol	9.32	196	389317	43.14	ng #	91
45) 1,1'-Biphenyl	9.46	154	1365312	35.12	ng	95
46) 2-Chloronaphthalene	9.49	162	1171441	40.79	ng #	91
47) 2-Nitroaniline	9.58	65	443562	39.14	ng #	80
48) Acenaphthylene	9.90	152	1736839	36.65	ng	99
49) Dimethylphthalate	9.77	163	1434365	42.70	ng	98
50) 2,6-Dinitrotoluene	9.82	165	339362	45.50	ng #	72
51) Acenaphthene	10.07	154	1128423	38.19	ng	97
52) 3-Nitroaniline	9.98	138	199348	22.88	ng	85
53) 2,4-Dinitrophenol	10.10	184	142068	42.72	ng #	78
54) Dibenzofuran	10.25	168	1503421	39.31	ng	94
55) 4-Nitrophenol	10.15	139	503484	66.04	ng	98
56) 2,4-Dinitrotoluene	10.22	165	389516	39.24	ng #	42
57) Fluorene	10.59	166	1192161	37.09	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.37	232	294122	43.64	ng	89
59) Diethylphthalate	10.46	149	1405088	40.42	ng	94
60) 4-Chlorophenyl-phenylether	10.58	204	580271	39.71	ng	89
61) 4-Nitroaniline	10.60	138	296157	33.73	ng	93
62) Azobenzene	10.74	77	1557696	38.80	ng	88
64) 4,6-Dinitro-2-methylphenol	10.63	198	122537	25.11	ng #	53
65) n-Nitrosodiphenylamine	10.70	169	1180837	43.06	ng	98
66) 4-Bromophenyl-phenylether	11.07	248	338150	42.15	ng #	79
67) Hexachlorobenzene	11.14	284	356667	39.93	ng #	75
68) Atrazine	11.23	200	319585	47.26	ng	98
69) Pentachlorophenol	11.33	266	425013	79.93	ng	99
70) Phenanthrene	11.56	178	1851386	44.18	ng	98
71) Anthracene	11.61	178	1625246	37.98	ng	99
72) Carbazole	11.77	167	1606792	40.42	ng	96
73) Di-n-butylphthalate	12.10	149	2095775	43.32	ng #	95
74) Fluoranthene	12.75	202	1601016	38.95	ng	95
76) Benzidine	12.86	184	669954	50.31	ng	100
77) Pyrene	12.98	202	1513454	44.82	ng	99
79) Butylbenzylphthalate	13.59	149	765256	44.16	ng #	88
80) Benzo(a)anthracene	14.17	228	1231841	43.35	ng	98
81) 3,3'-Dichlorobenzidine	14.13	252	406059	39.41	ng #	98
82) Chrysene	14.21	228	1101031	42.10	ng	97
83) Bis(2-ethylhexyl)phthalate	14.16	149	1017147	41.30	ng #	97
84) Di-n-octyl phthalate	14.77	149	1509015	41.32	ng #	90
85) Indeno(1,2,3-cd)pyrene	17.18	276	958581	51.41	ng	95
87) Benzo(b)fluoranthene	15.24	252	1139365	41.92	ng	98
88) Benzo(k)fluoranthene	15.24	252	1139365	44.63	ng #	94
89) Benzo(a)pyrene	15.62	252	1003636	42.84	ng	99
90) Dibenzo(a,h)anthracene	17.21	278	828792	41.59	ng #	96
91) Benzo(g,h,i)perylene	17.64	276	735993	38.48	ng	94

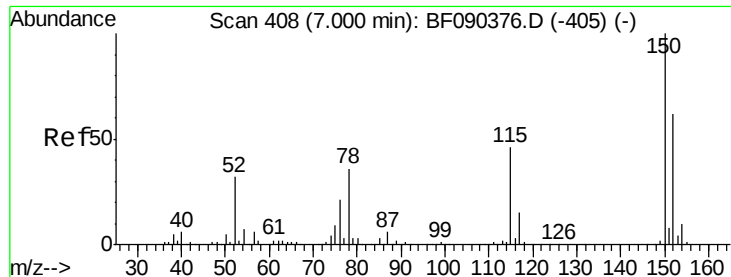
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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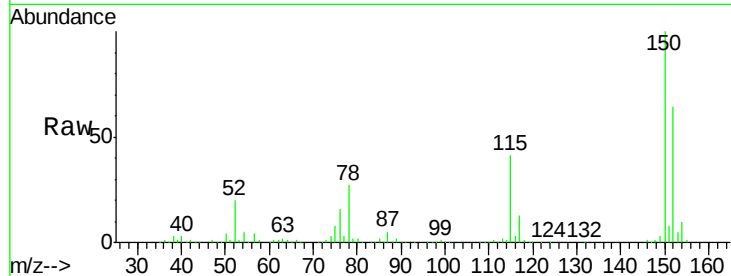


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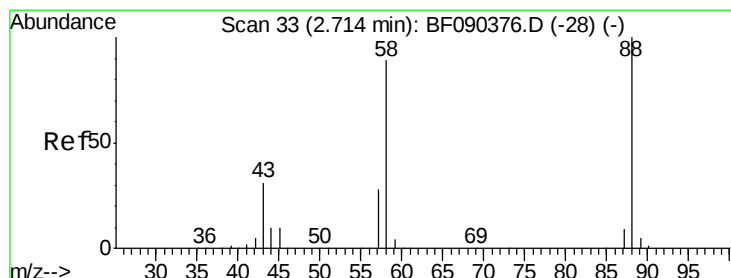
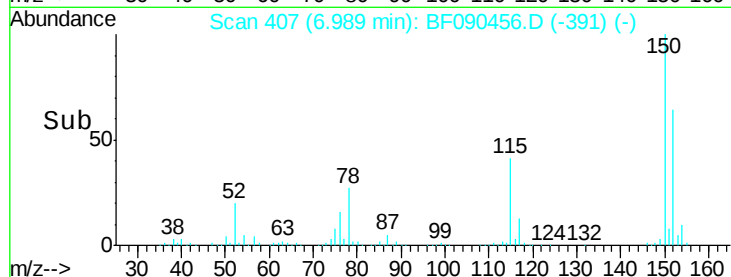
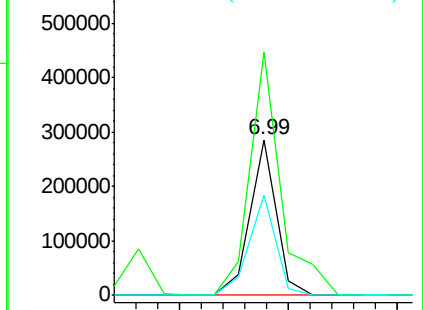
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.99 min Scan# 407
Delta R.T. -0.01 min
Lab File: BF090456.D
Acq: 7 Oct 2016 21:02

Instrument :
BNA_F
ClientSampleId :
PB93841BS

Tgt Ion: 152 Resp: 240888
Ion Ratio Lower Upper
152 100
150 156.3 124.6 186.8
115 64.8 46.2 69.4



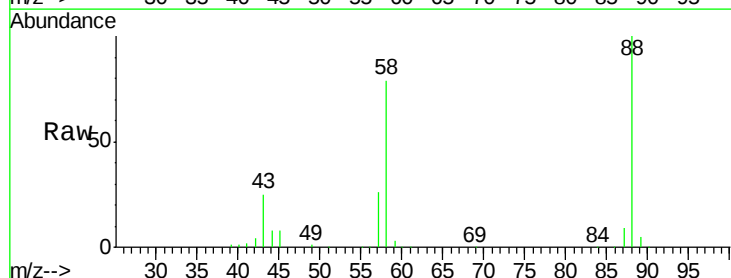
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



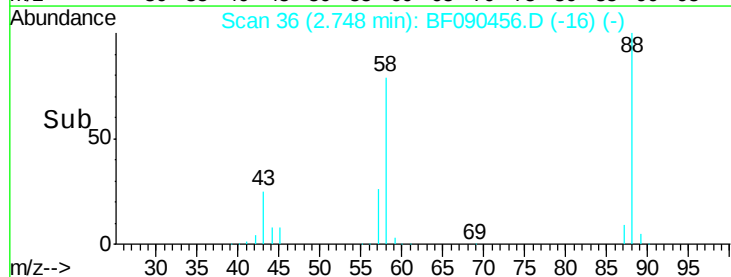
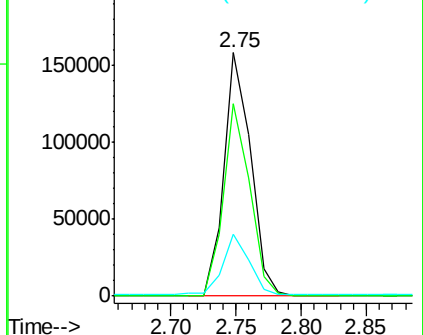
#2

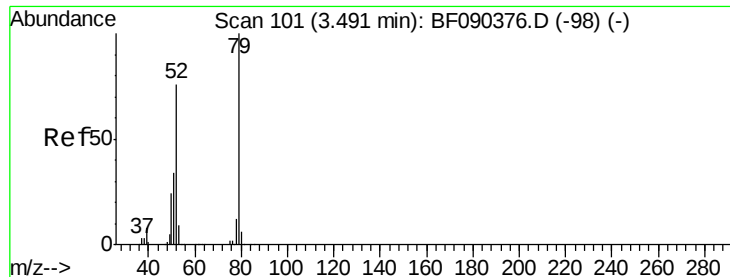
1,4-Dioxane
Concen: 28.30 ng
RT: 2.75 min Scan# 36
Delta R.T. 0.03 min
Lab File: BF090456.D
Acq: 7 Oct 2016 21:02

Tgt Ion: 88 Resp: 225185
Ion Ratio Lower Upper
88 100
58 78.8 71.2 106.8
43 25.5 29.8 44.6#



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





#3

Pyridine

Concen: 30.56 ng

RT: 3.51 min Scan# 103

Delta R.T. 0.02 min

Lab File: BF090456.D

Acq: 7 Oct 2016 21:02

Instrument :

BNA_F

ClientSampleId :

PB93841BS

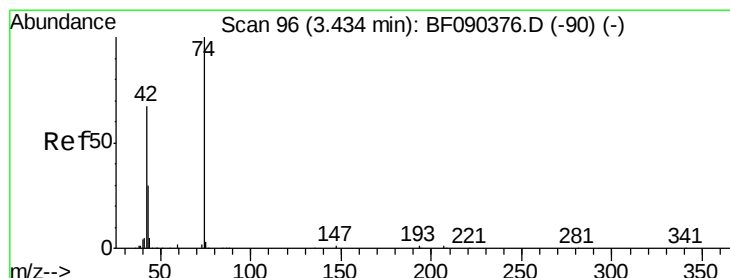
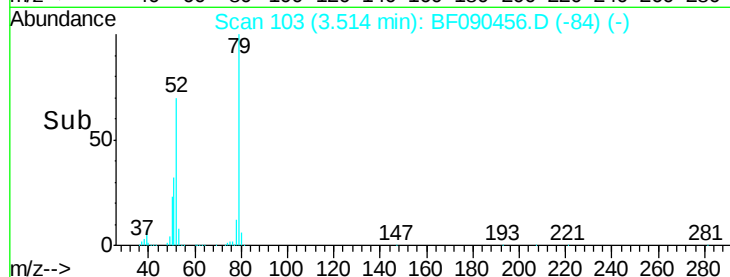
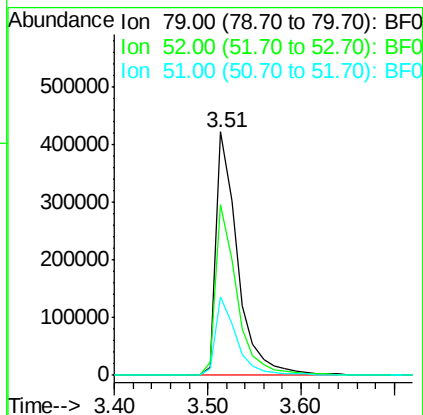
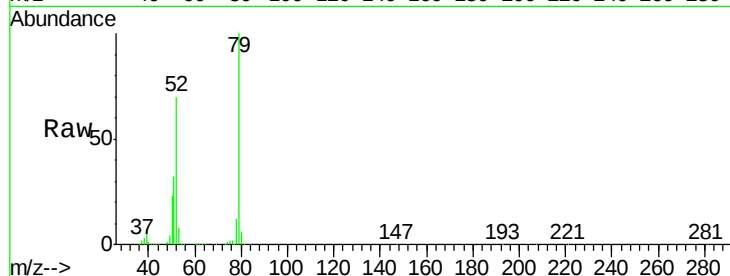
Tgt Ion: 79 Resp: 677990

Ion Ratio Lower Upper

79 100

52 70.2 71.3 106.9#

51 32.0 34.5 51.7#



#4

n-Nitrosodimethylamine

Concen: 30.62 ng

RT: 3.47 min Scan# 99

Delta R.T. 0.03 min

Lab File: BF090456.D

Acq: 7 Oct 2016 21:02

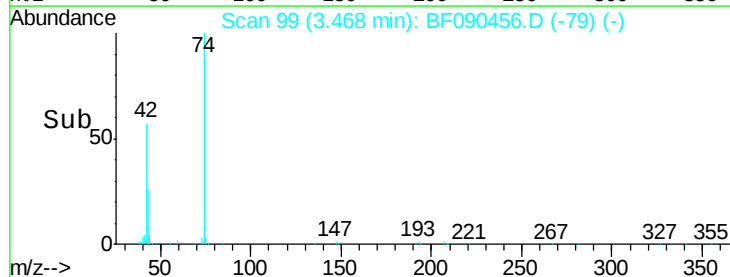
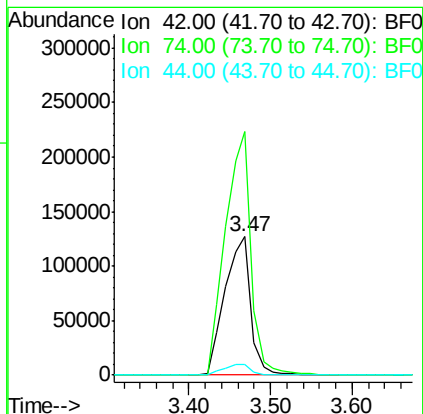
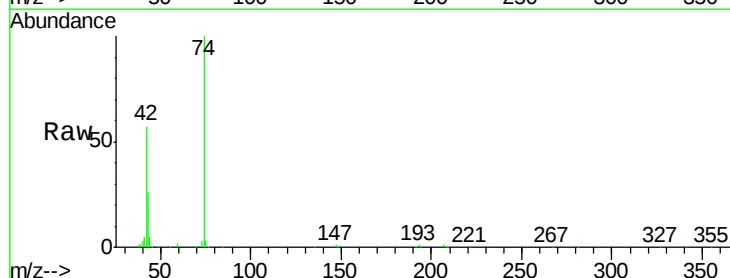
Tgt Ion: 42 Resp: 280281

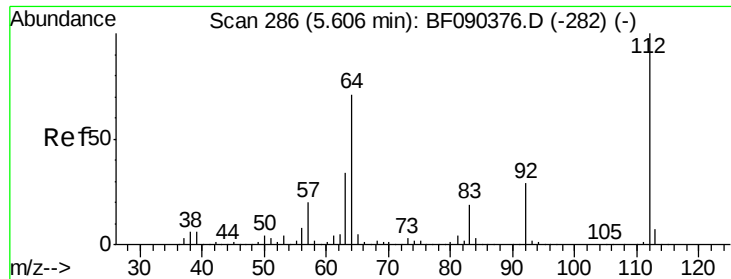
Ion Ratio Lower Upper

42 100

74 175.7 88.9 133.3#

44 8.0 6.5 9.7





#5

2-Fluorophenol

Concen: 68.22 ng

RT: 5.61 min Scan# 286

Delta R.T. 0.00 min

Lab File: BF090456.D

Acq: 7 Oct 2016 21:02

Instrument :

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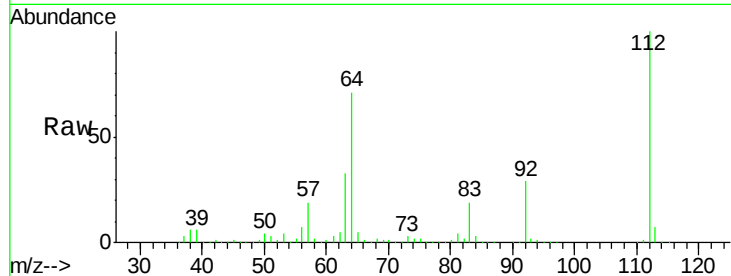
Tgt Ion: 112 Resp: 1101101

Ion Ratio Lower Upper

112 100

64 70.8 57.9 86.9

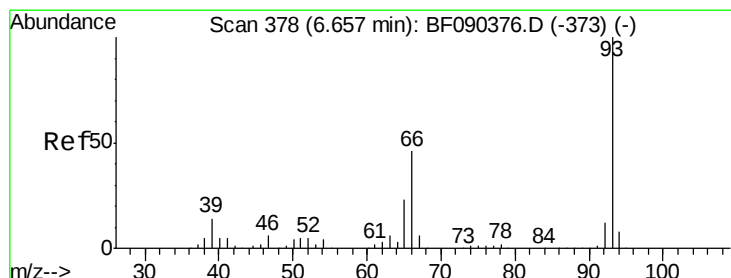
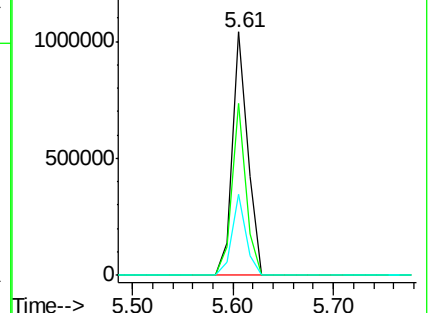
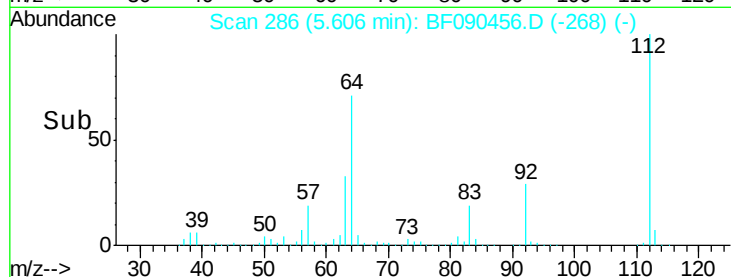
63 33.5 29.6 44.4



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: 20.29 ng

RT: 6.65 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF090456.D

Acq: 7 Oct 2016 21:02

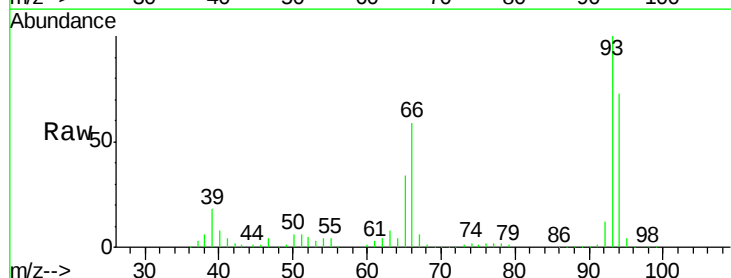
Tgt Ion: 93 Resp: 592392

Ion Ratio Lower Upper

93 100

66 58.9 34.5 51.7#

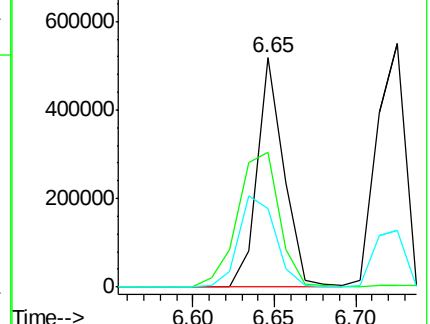
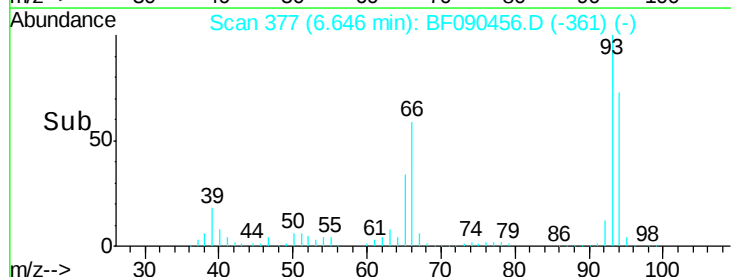
65 34.3 18.2 27.2#

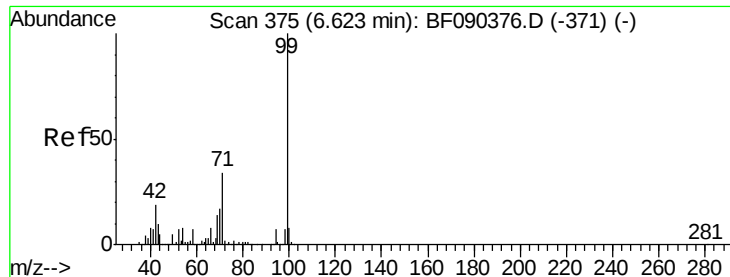


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 71.29 ng

RT: 6.62 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF090456.D

Acq: 7 Oct 2016 21:02

Instrument :

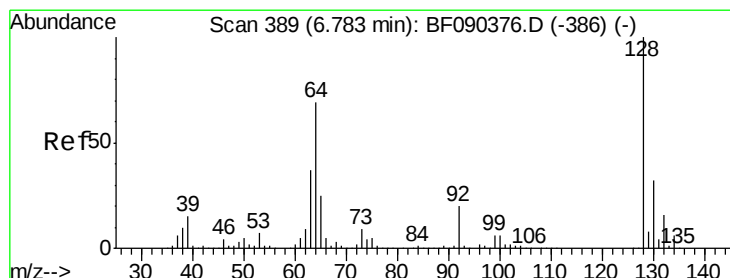
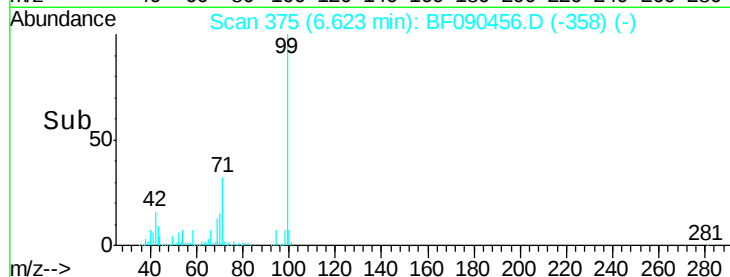
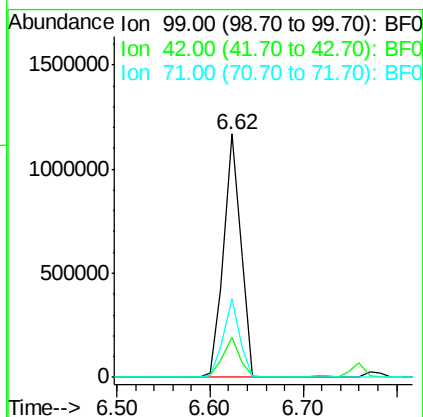
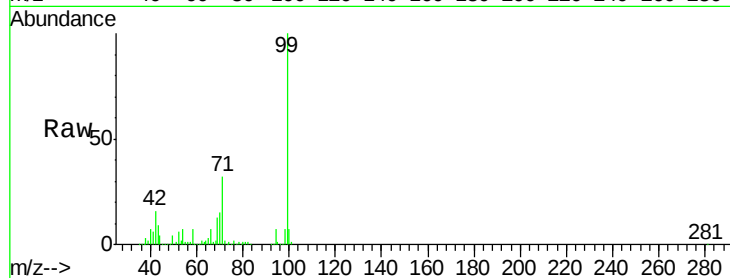
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Tgt Ion: 99 Resp: 1507033

Ion	Ratio	Lower	Upper
99	100		
42	16.5	20.0	30.0#
71	32.4	27.9	41.9



#8

2-Chlorophenol

Concen: 37.00 ng

RT: 6.78 min Scan# 389

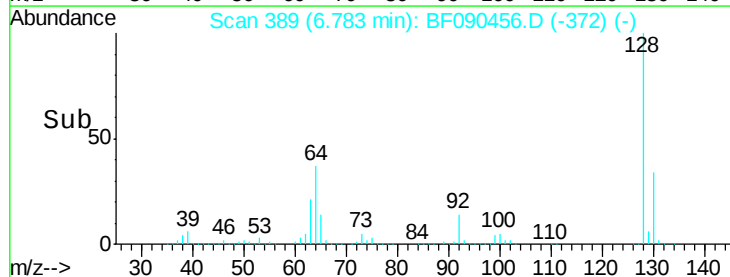
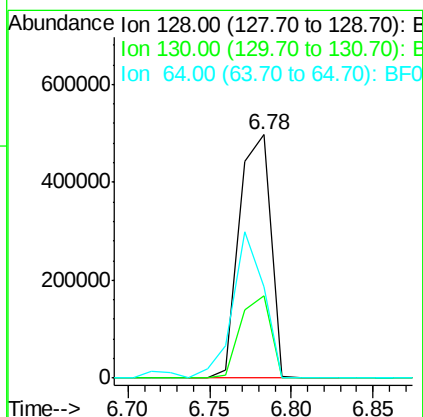
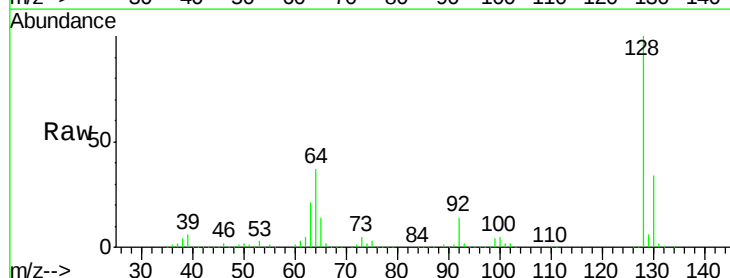
Delta R.T. -0.00 min

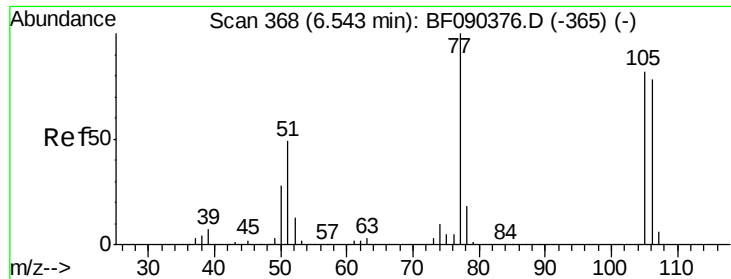
Lab File: BF090456.D

Acq: 7 Oct 2016 21:02

Tgt Ion: 128 Resp: 657191

Ion	Ratio	Lower	Upper
128	100		
130	33.8	13.3	53.3
64	37.3	36.0	76.0





#9

Benzaldehyde

Concen: 26.30 ng

RT: 6.53 min Scan# 367

Delta R.T. -0.01 min

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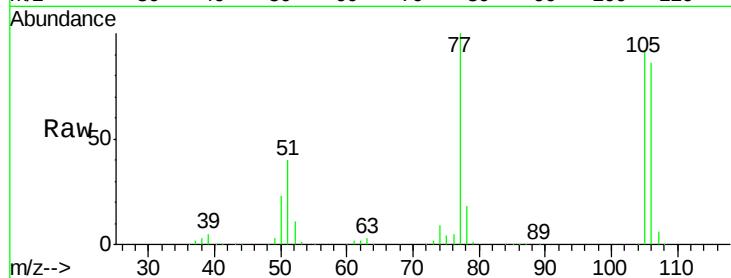
Tgt Ion: 77 Resp: 281040

Ion Ratio Lower Upper

77 100

105 91.6 73.1 113.1

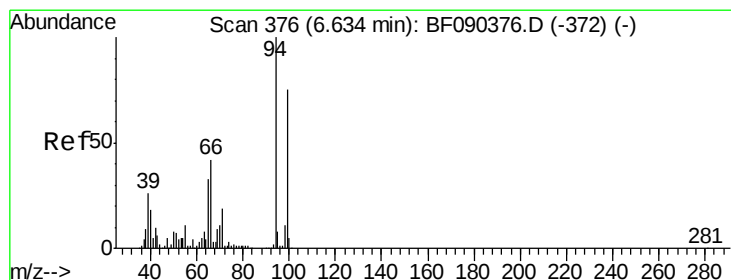
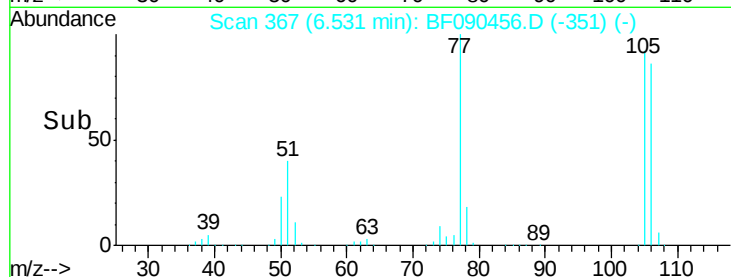
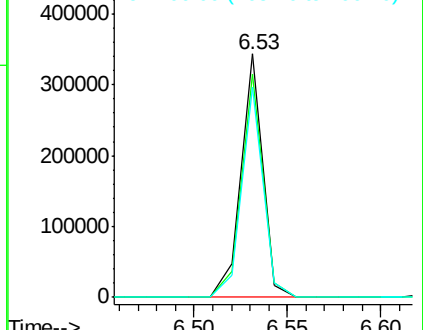
106 86.4 70.2 110.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 30.71 ng

RT: 6.63 min Scan# 376

Delta R.T. -0.00 min

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Acq: 7 Oct 2016 21:02

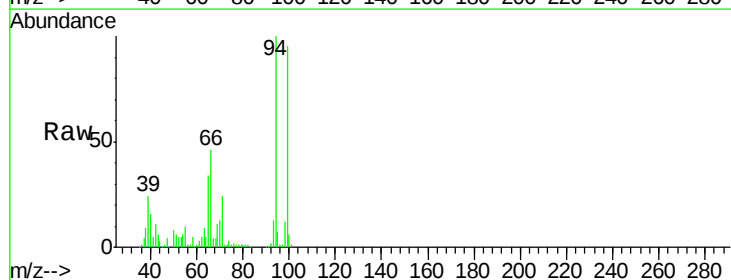
Tgt Ion: 94 Resp: 754866

Ion Ratio Lower Upper

94 100

65 33.9 13.3 53.3

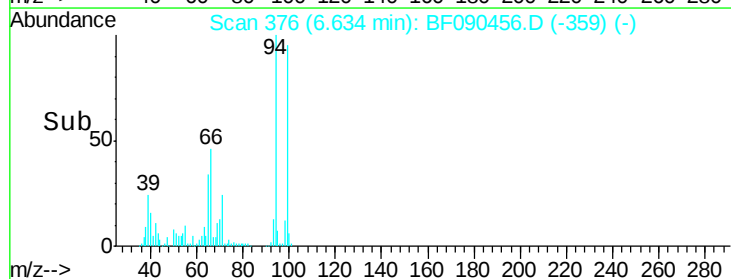
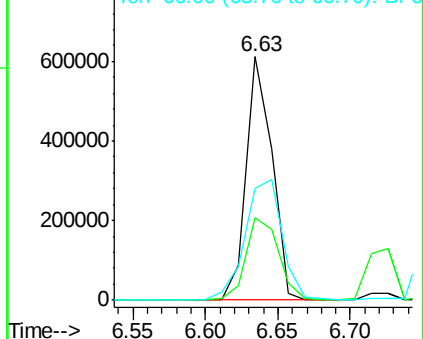
66 46.1 20.4 60.4

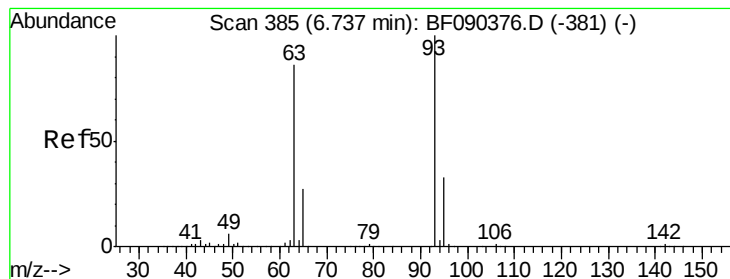


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 35.26 ng

RT: 6.73 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF090456.D

Acq: 7 Oct 2016 21:02

Instrument :

BNA_F

ClientSampleId :

PB93841BS

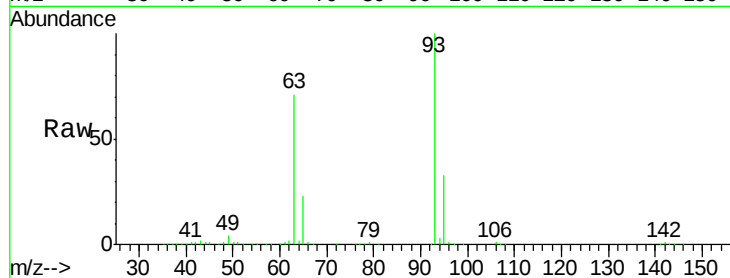
Tgt Ion: 93 Resp: 663461

Ion Ratio Lower Upper

93 100

63 71.0 59.7 99.7

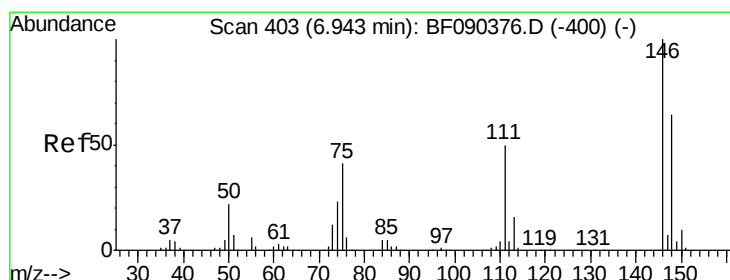
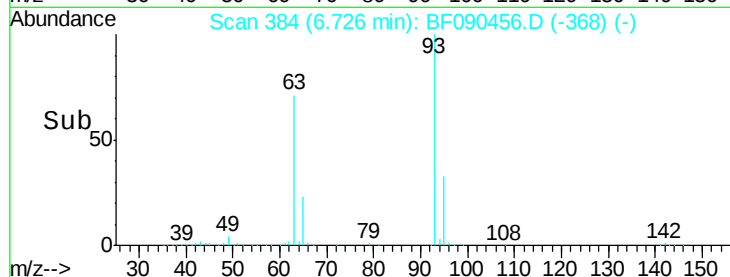
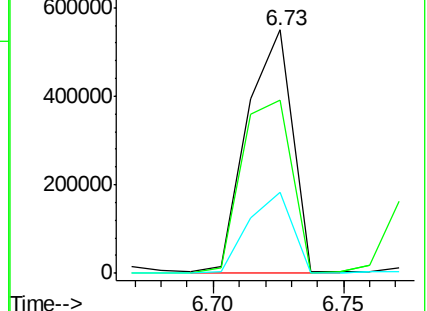
95 33.3 14.0 54.0



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: 38.81 ng

RT: 6.93 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF090456.D

Acq: 7 Oct 2016 21:02

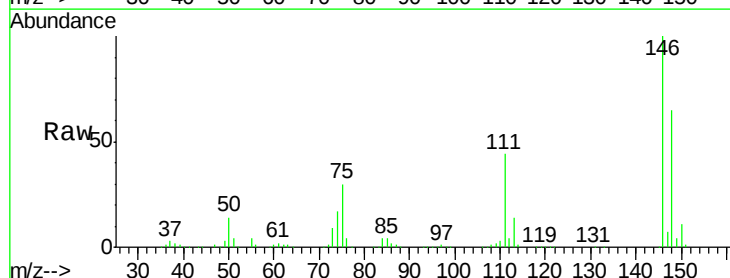
Tgt Ion: 146 Resp: 687129

Ion Ratio Lower Upper

146 100

148 64.8 52.2 78.4

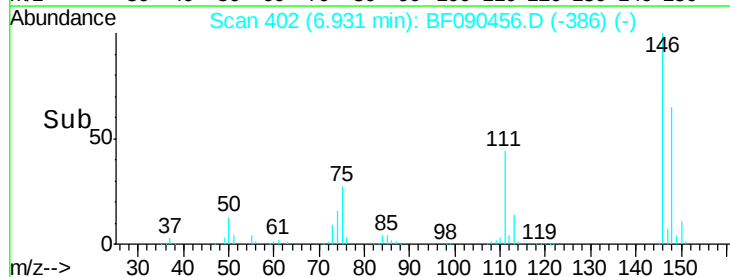
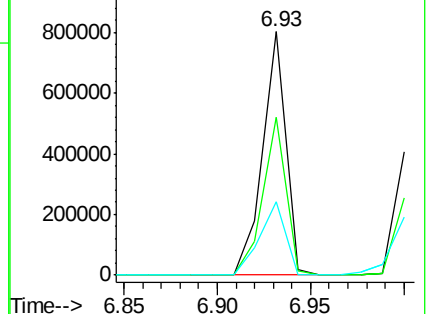
75 30.0 21.4 32.2

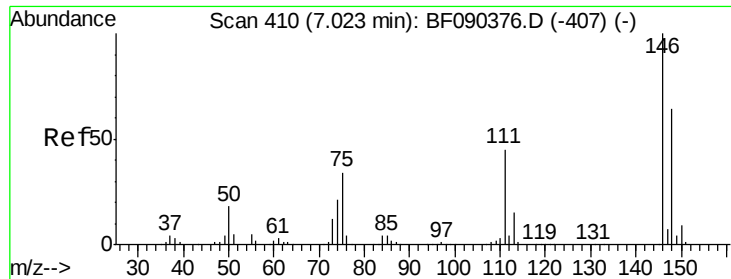


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

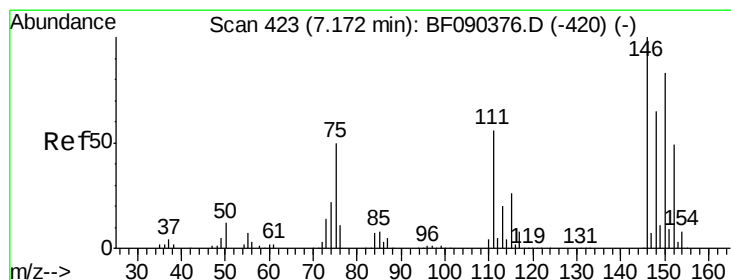
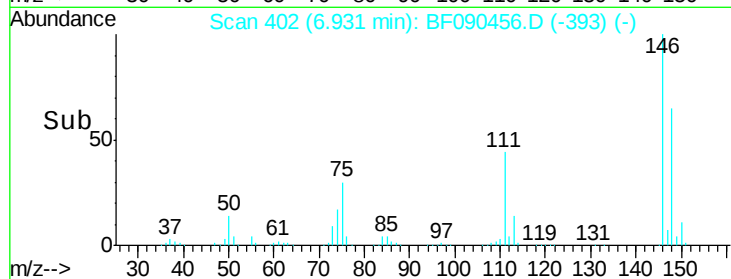
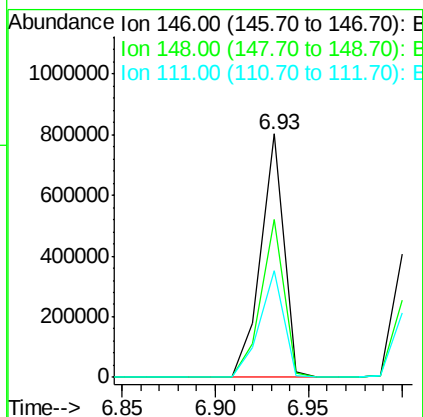
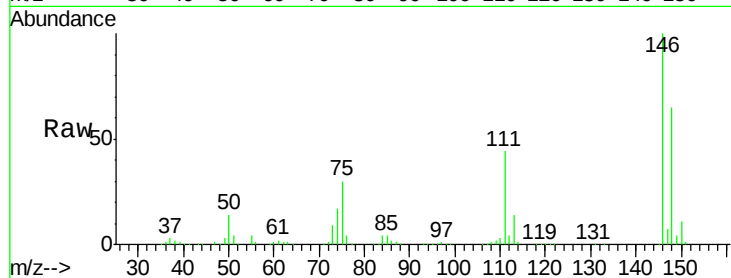




#13
 1,4-Dichlorobenzene
 Concen: 38.21 ng
 RT: 6.93 min Scan# 402
 Delta R.T. -0.09 min
 Lab File: BF090456.D
 Acq: 7 Oct 2016 21:02

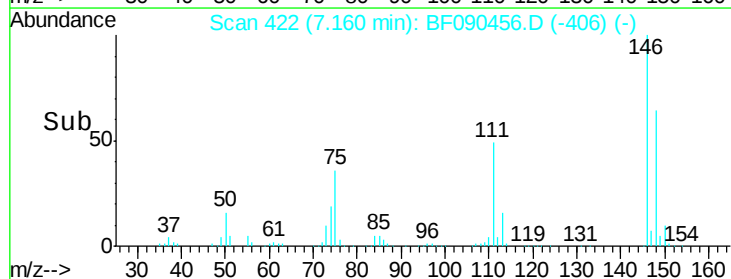
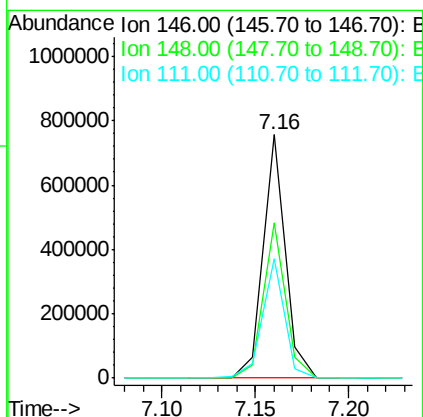
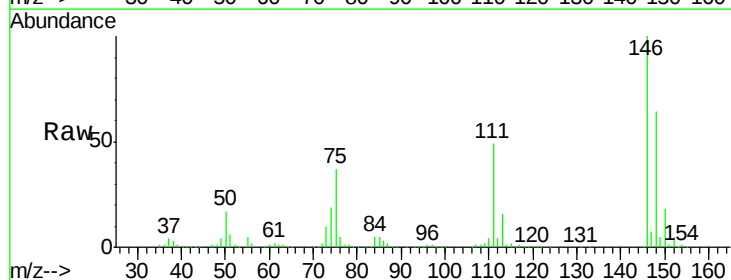
Instrument :
 BNA_F
 ClientSampleId :
 PB93841BS

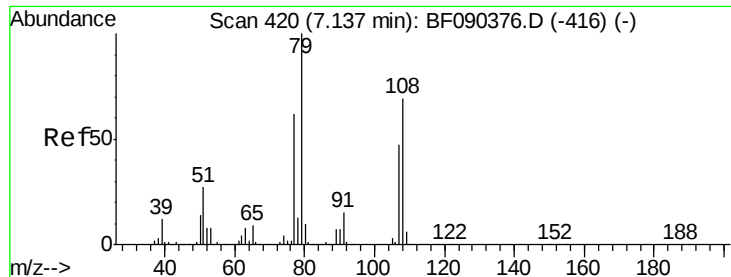
Tgt Ion:146 Resp: 687129
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.1 76.7
 111 43.8 37.8 56.6



#14
 1,2-Dichlorobenzene
 Concen: 36.28 ng
 RT: 7.16 min Scan# 422
 Delta R.T. -0.01 min
 Lab File: BF090456.D
 Acq: 7 Oct 2016 21:02

Tgt Ion:146 Resp: 628612
 Ion Ratio Lower Upper
 146 100
 148 63.8 52.3 78.5
 111 49.3 38.2 57.4





#15

Benzyl Alcohol

Concen: 39.77 ng

RT: 7.13 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF090456.D

Acq: 7 Oct 2016 21:02

Instrument :

BNA_F

ClientSampleId :

PB93841BS

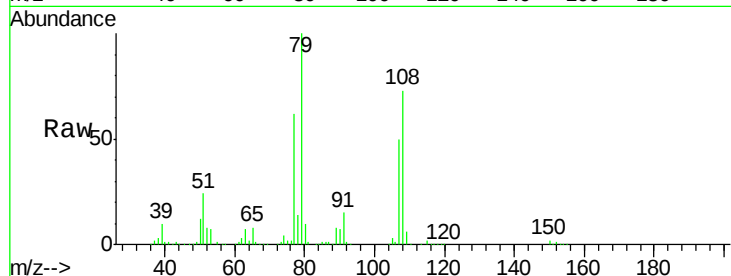
Tgt Ion: 79 Resp: 639057

Ion Ratio Lower Upper

79 100

108 72.7 60.9 91.3

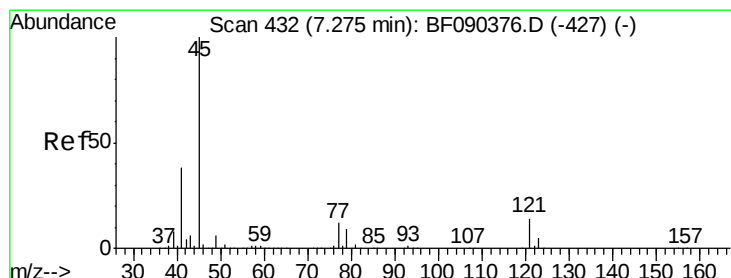
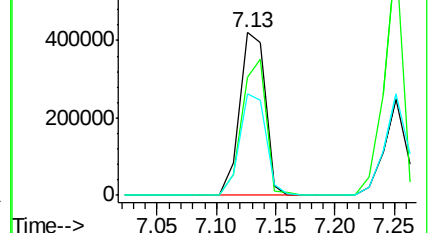
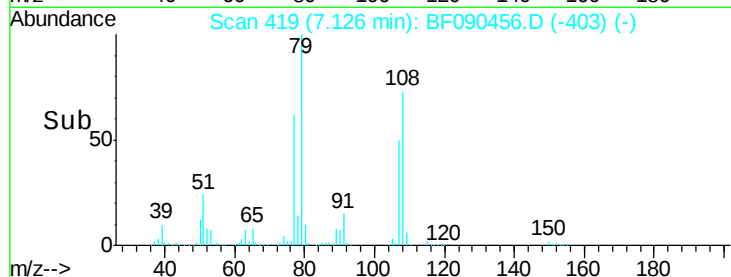
77 62.5 51.5 77.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.22 ng

RT: 7.26 min Scan# 431

Delta R.T. -0.01 min

Lab File: BF090456.D

Acq: 7 Oct 2016 21:02

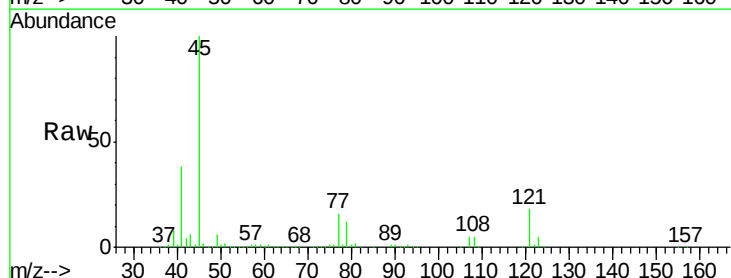
Tgt Ion: 45 Resp: 932497

Ion Ratio Lower Upper

45 100

77 16.1 0.0 30.8

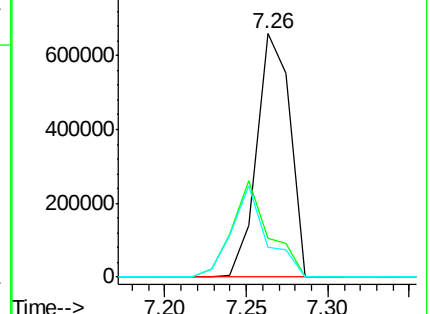
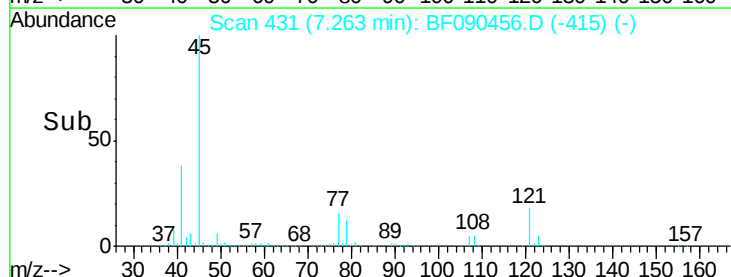
79 12.2 0.0 28.2

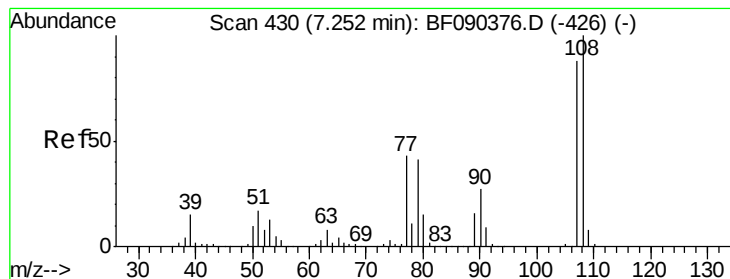


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 40.95 ng

RT: 7.25 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF090456.D

Acq: 7 Oct 2016 21:02

Instrument :

BNA_F

ClientSampleId :

PB93841BS

Tgt Ion:107 Resp: 598132

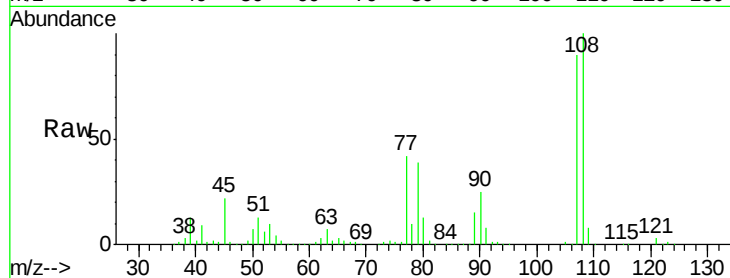
Ion Ratio Lower Upper

107 100

108 111.7 90.9 136.3

77 46.6 38.2 57.4

79 43.9 37.0 55.4

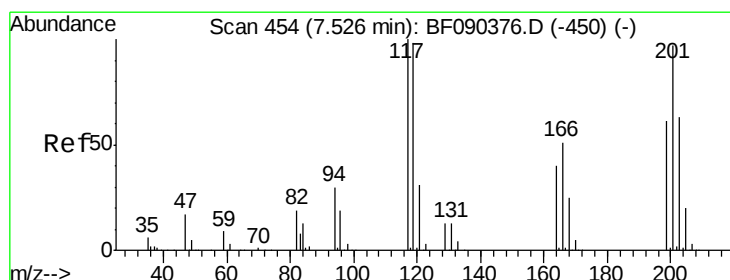
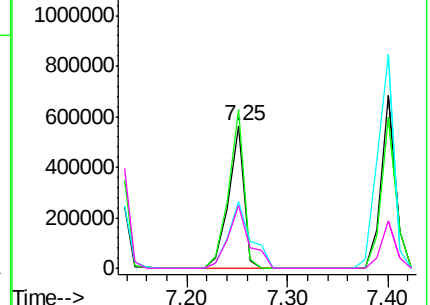
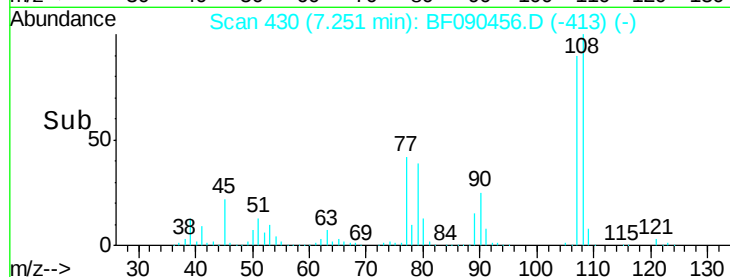


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 32.96 ng

RT: 7.50 min Scan# 452

Delta R.T. -0.02 min

Lab File: BF090456.D

Acq: 7 Oct 2016 21:02

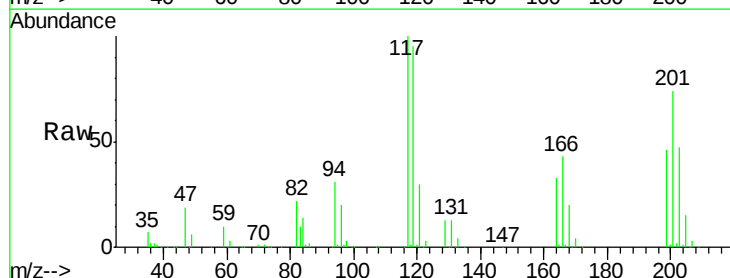
Tgt Ion:117 Resp: 233664

Ion Ratio Lower Upper

117 100

119 95.2 75.9 113.9

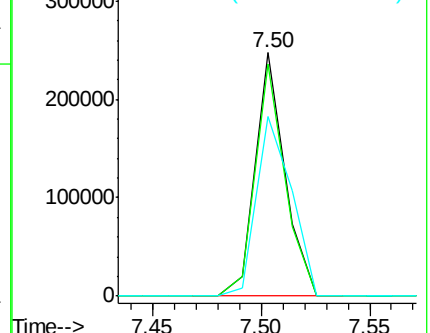
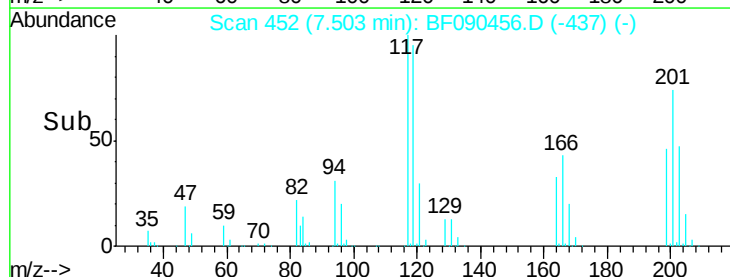
201 74.0 66.5 99.7

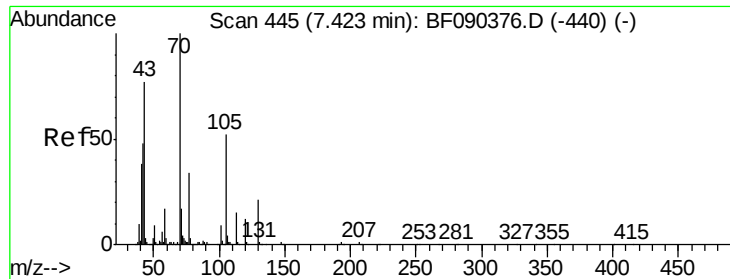


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

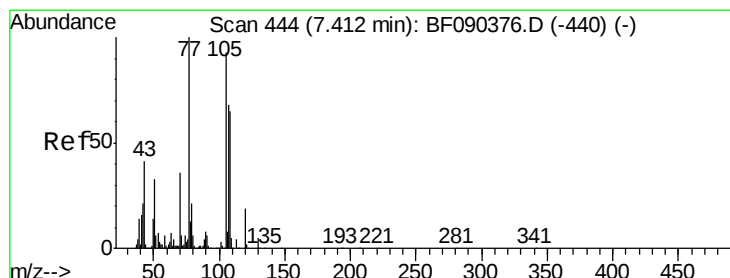
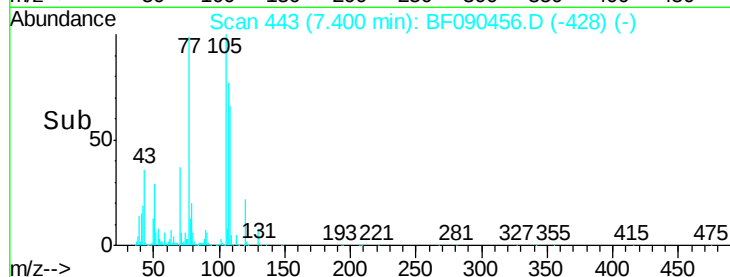
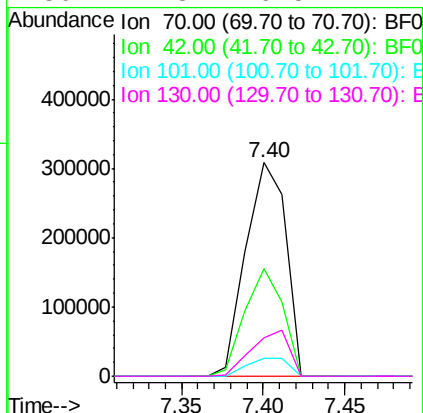
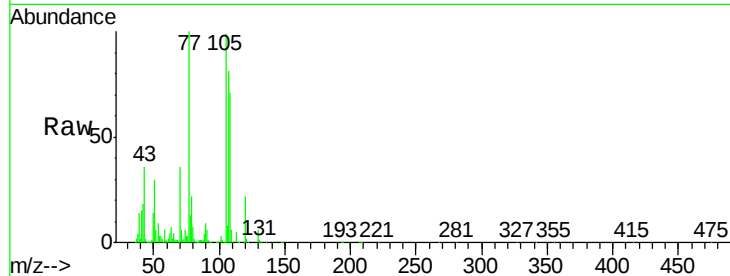




#19
n-Nitroso-di-n-propylamine
Concen: 33.84 ng
RT: 7.40 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF090456.D
Acq: 7 Oct 2016 21:02

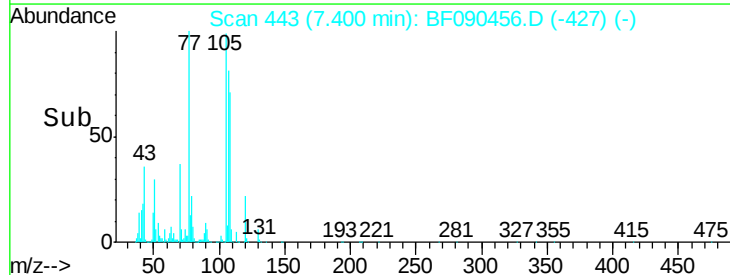
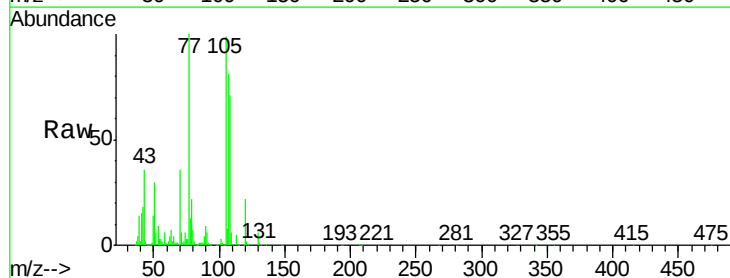
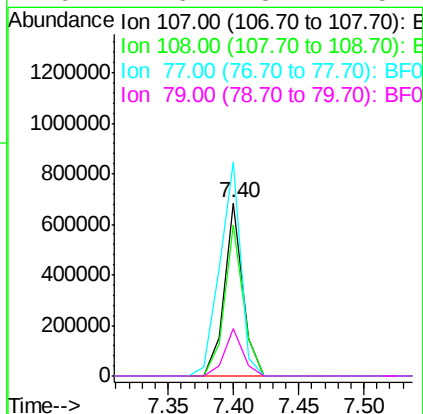
Instrument :
BNA_F
ClientSampleId :
PB93841BS

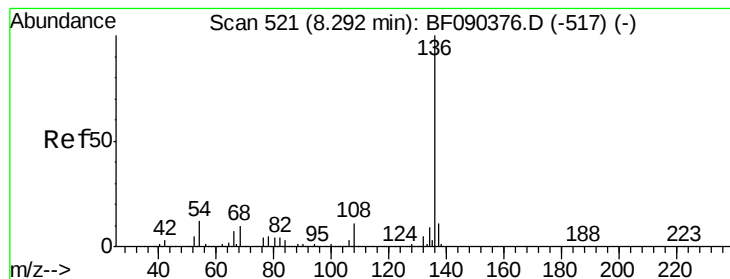
Tgt Ion: 70 Resp: 524536
Ion Ratio Lower Upper
70 100
42 50.5 55.4 83.2#
101 8.6 7.6 11.4
130 17.8 16.5 24.7



#20
3+4-Methylphenols
Concen: 36.07 ng
RT: 7.40 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF090456.D
Acq: 7 Oct 2016 21:02

Tgt Ion: 107 Resp: 681982
Ion Ratio Lower Upper
107 100
108 87.0 66.7 106.7
77 123.2 53.7 93.7#
79 27.6 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.28 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF090456.D

Acq: 7 Oct 2016 21:02

Instrument :

BNA_F

ClientSampleId :

PB93841BS

Tgt Ion:136 Resp: 1049883

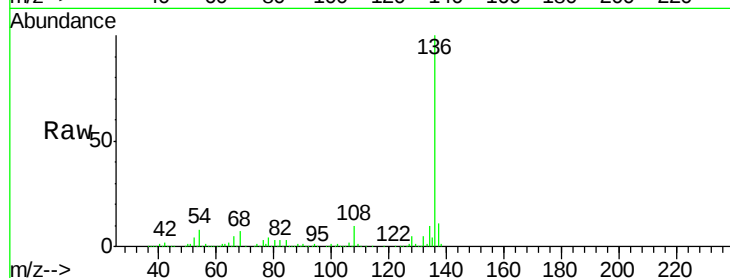
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 8.0 6.6 10.0

68 7.3 5.0 7.6

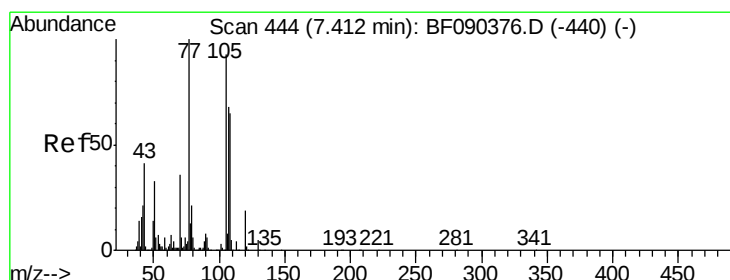
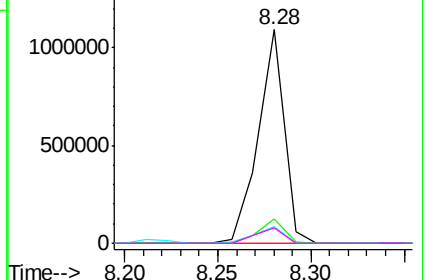
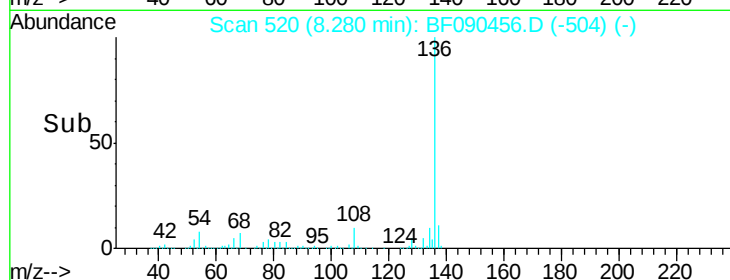


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 37.44 ng

RT: 7.40 min Scan# 443

Delta R.T. -0.01 min

Lab File: BF090456.D

Acq: 7 Oct 2016 21:02

Tgt Ion:105 Resp: 931102

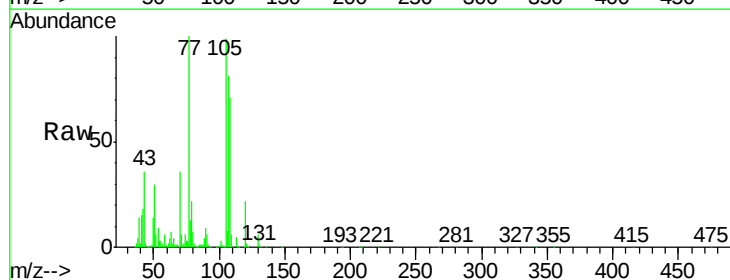
Ion Ratio Lower Upper

105 100

71 6.3 3.8 5.6#

51 30.2 28.2 42.4

120 22.1 17.4 26.2

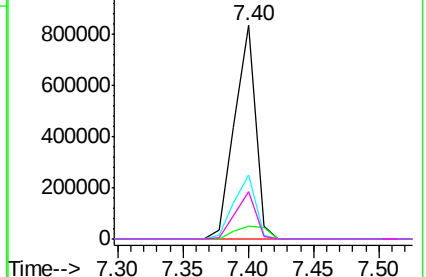
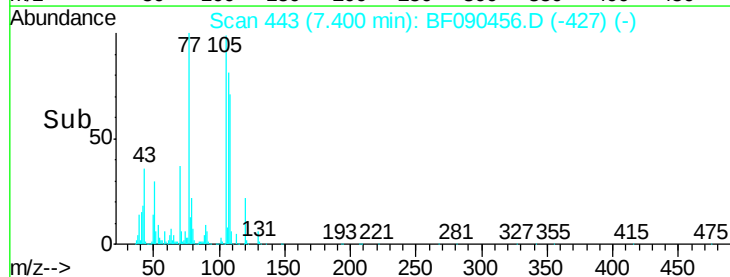


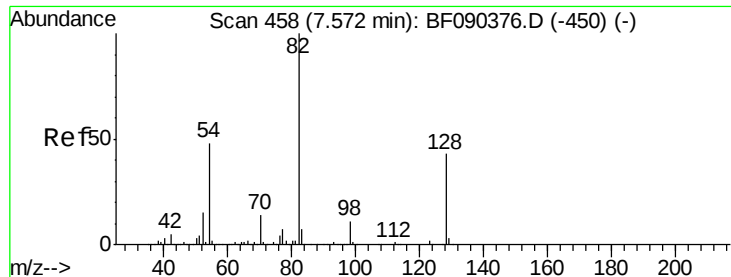
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

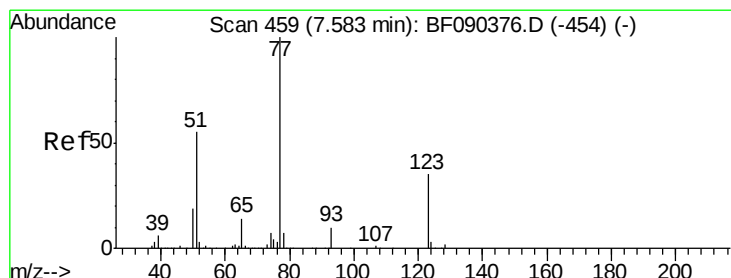
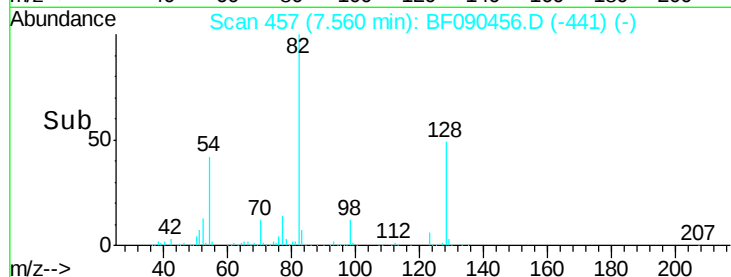
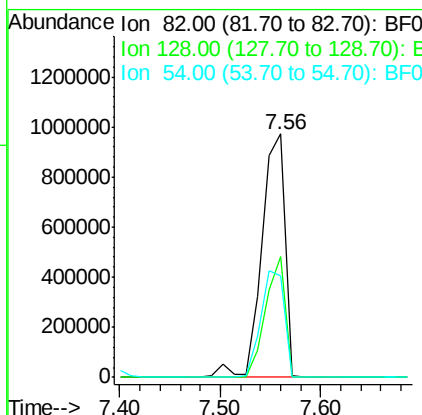
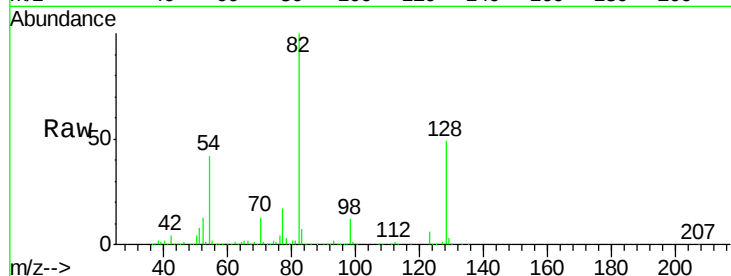




#23
 Nitrobenzene-d5
 Concen: 72.02 ng
 RT: 7.56 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF090456.D
 Acq: 7 Oct 2016 21:02

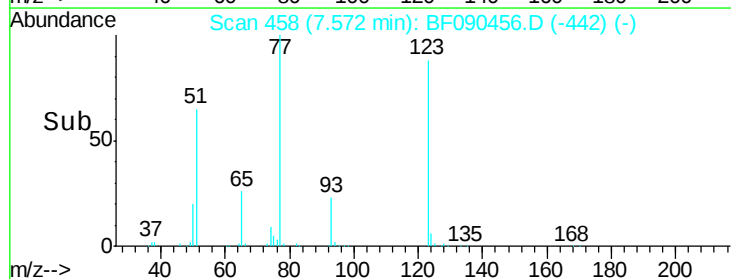
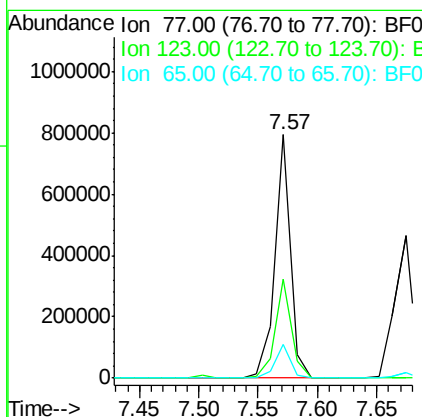
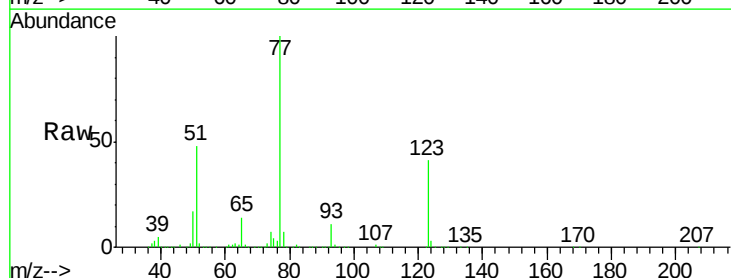
Instrument :
 BNA_F
 ClientSampleId :
 PB93841BS

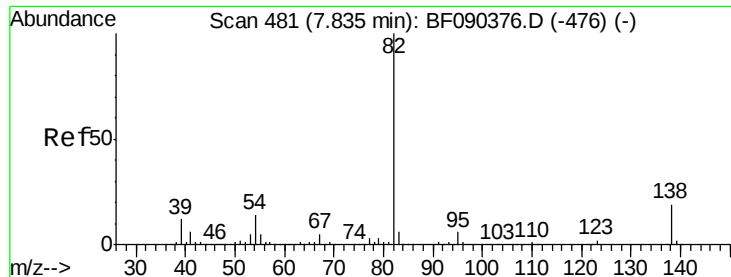
Tgt Ion: 82 Resp: 1554517
 Ion Ratio Lower Upper
 82 100
 128 49.4 40.0 60.0
 54 41.8 42.6 64.0#



#24
 Nitrobenzene
 Concen: 33.66 ng
 RT: 7.57 min Scan# 458
 Delta R.T. -0.01 min
 Lab File: BF090456.D
 Acq: 7 Oct 2016 21:02

Tgt Ion: 77 Resp: 721296
 Ion Ratio Lower Upper
 77 100
 123 40.8 33.0 49.4
 65 13.7 12.0 18.0

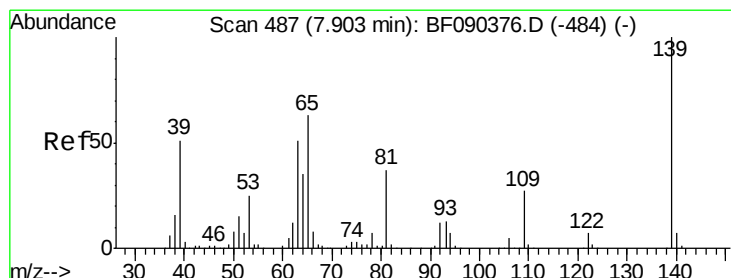
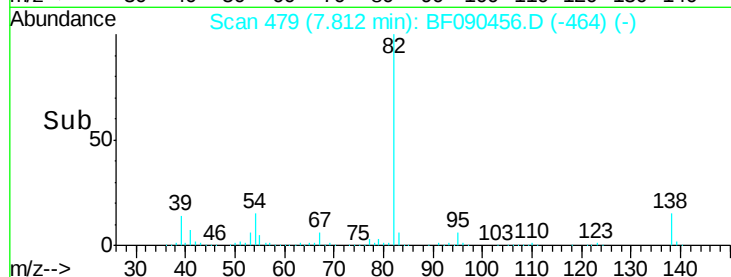
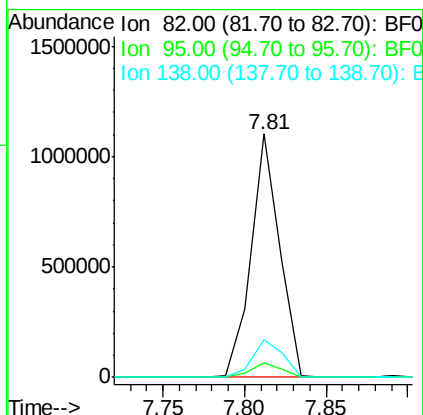
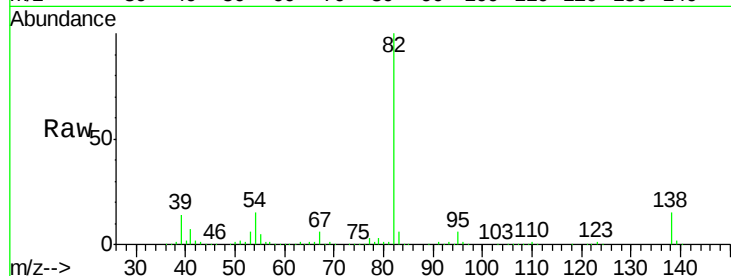




#25
Isophorone
Concen: 33.98 ng
RT: 7.81 min Scan# 479
Delta R.T. -0.02 min
Lab File: BF090456.D
Acq: 7 Oct 2016 21:02

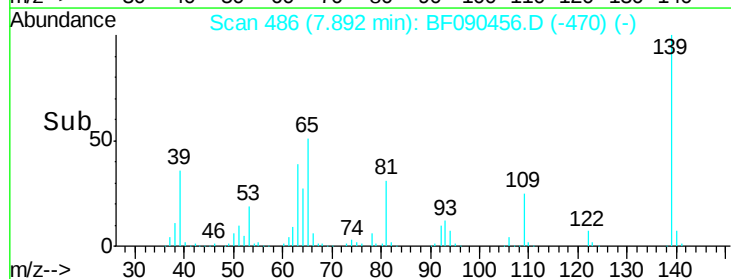
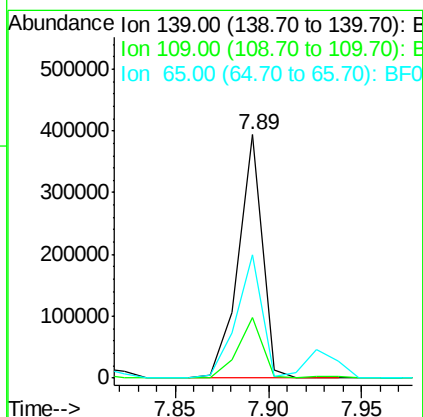
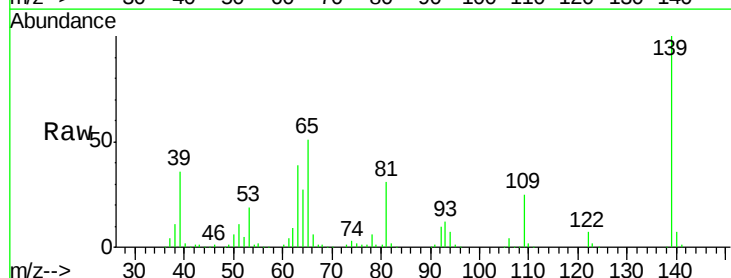
Instrument :
BNA_F
ClientSampleId :
PB93841BS

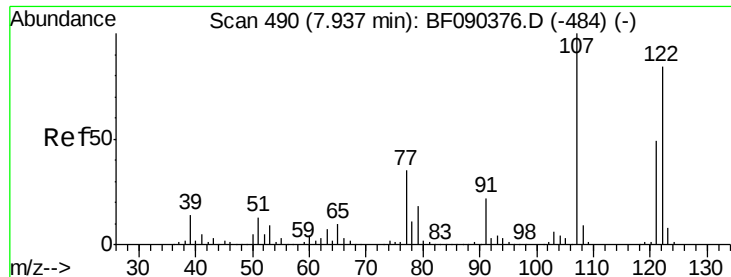
Tgt Ion: 82 Resp: 1341047
Ion Ratio Lower Upper
82 100
95 6.2 5.2 7.8
138 15.3 13.0 19.4



#26
2-Nitrophenol
Concen: 38.51 ng
RT: 7.89 min Scan# 486
Delta R.T. -0.01 min
Lab File: BF090456.D
Acq: 7 Oct 2016 21:02

Tgt Ion: 139 Resp: 355148
Ion Ratio Lower Upper
139 100
109 24.6 18.9 28.3
65 50.8 31.6 47.4#

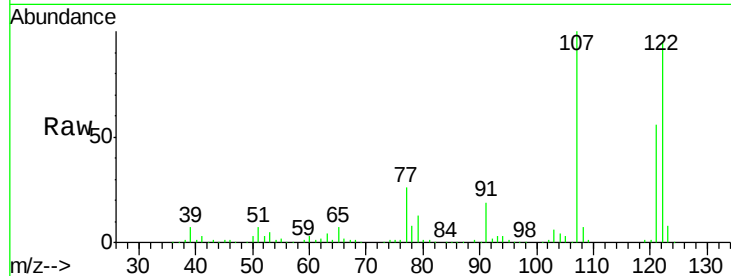




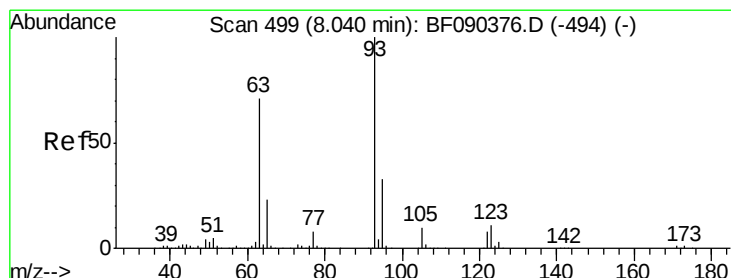
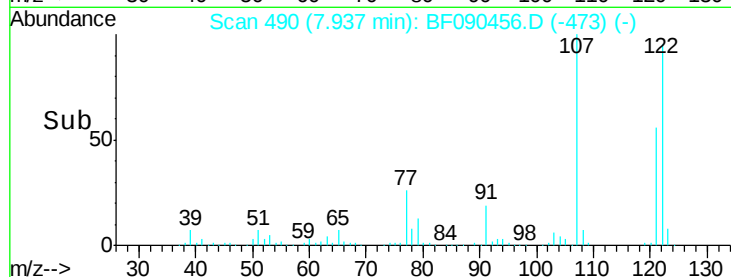
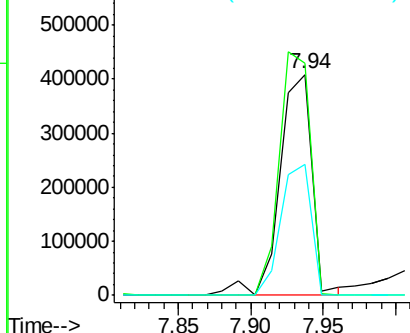
#27
 2,4-Dimethylphenol
 Concen: 35.14 ng
 RT: 7.94 min Scan# 490
 Delta R.T. -0.00 min
 Lab File: BF090456.D
 Acq: 7 Oct 2016 21:02

Instrument :
 BNA_F
 ClientSampleId :
 PB93841BS

Tgt Ion: 122 Resp: 630180
 Ion Ratio Lower Upper
 122 100
 107 104.8 88.6 132.8
 121 59.1 47.5 71.3

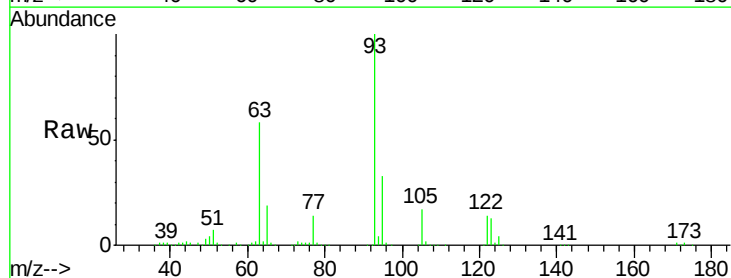


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

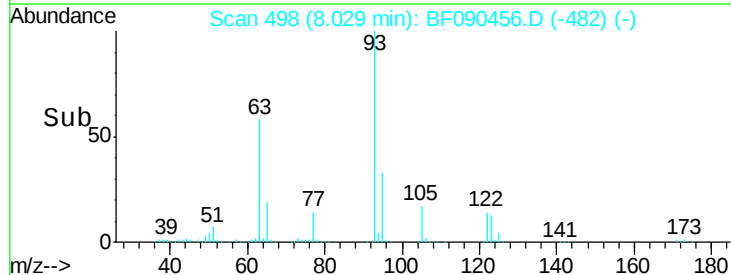
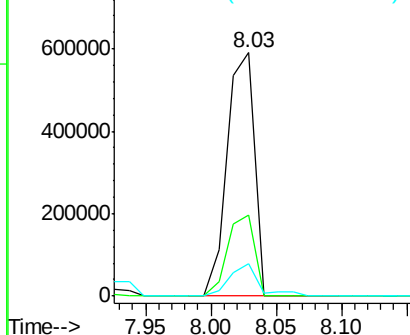


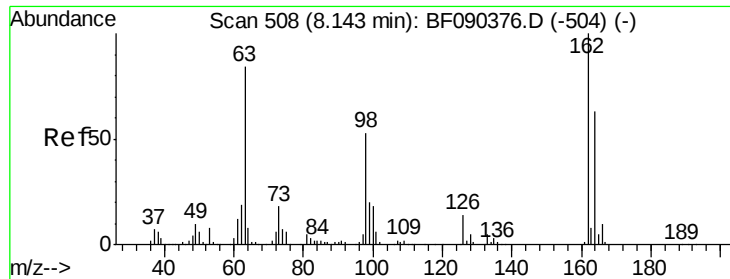
#28
 bis(2-Chloroethoxy)methane
 Concen: 36.54 ng
 RT: 8.03 min Scan# 498
 Delta R.T. -0.01 min
 Lab File: BF090456.D
 Acq: 7 Oct 2016 21:02

Tgt Ion: 93 Resp: 852814
 Ion Ratio Lower Upper
 93 100
 95 33.3 27.0 40.4
 123 13.2 11.1 16.7



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

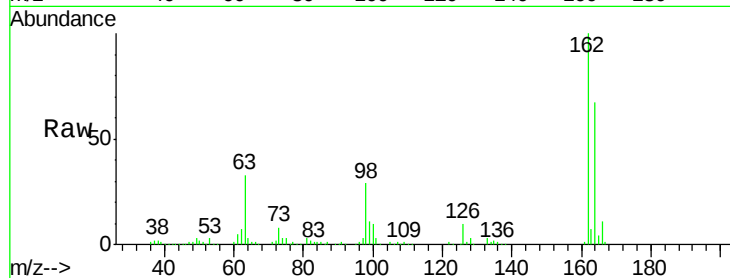




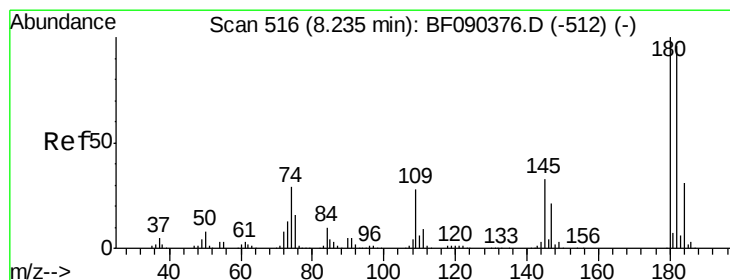
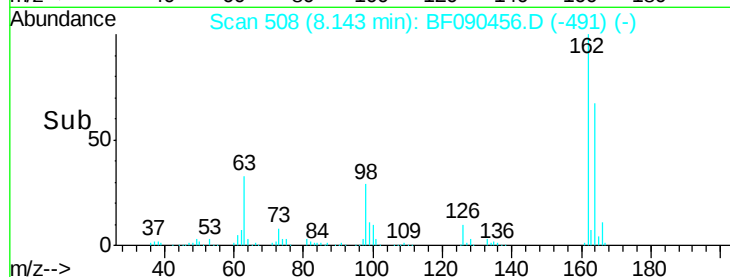
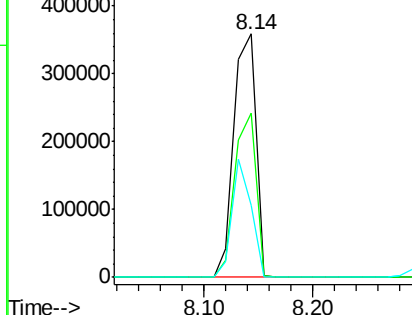
#29
2,4-Dichlorophenol
Concen: 36.70 ng
RT: 8.14 min Scan# 508
Delta R.T. -0.00 min
Lab File: BF090456.D
Acq: 7 Oct 2016 21:02

Instrument :
BNA_F
ClientSampleId :
PB93841BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	67.2	45.7	85.7
98	29.5	13.3	53.3

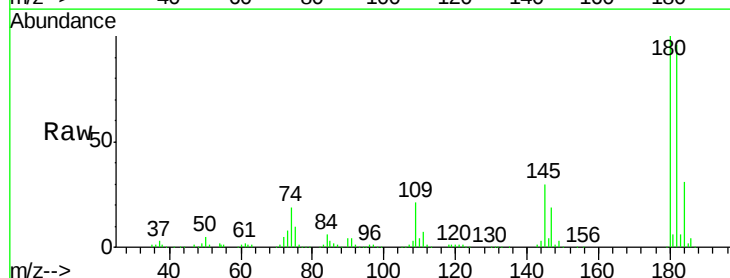


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

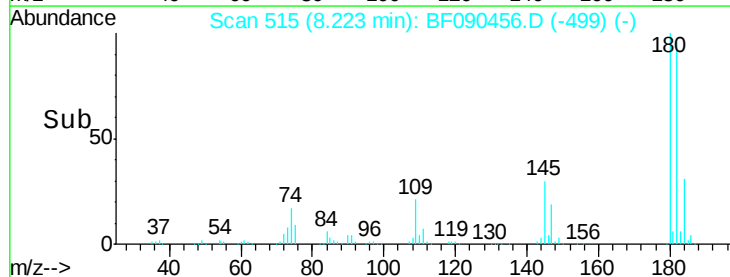
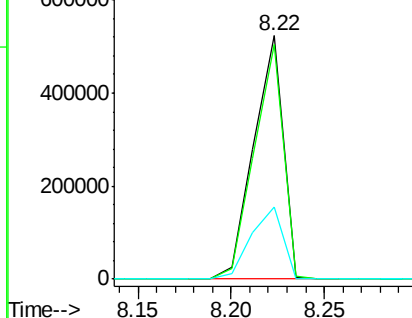


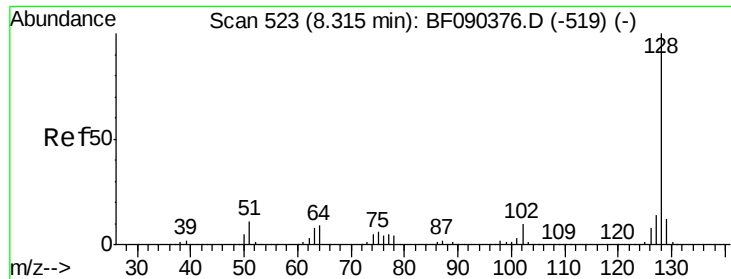
#30
1,2,4-Trichlorobenzene
Concen: 40.60 ng
RT: 8.22 min Scan# 515
Delta R.T. -0.01 min
Lab File: BF090456.D
Acq: 7 Oct 2016 21:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	75.3	112.9
145	29.7	27.7	41.5



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

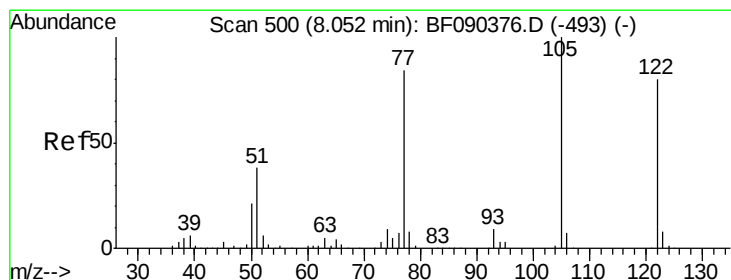
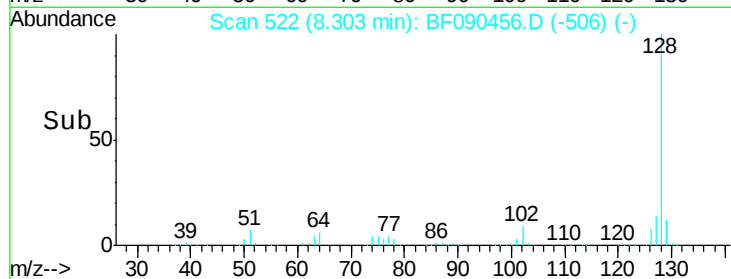
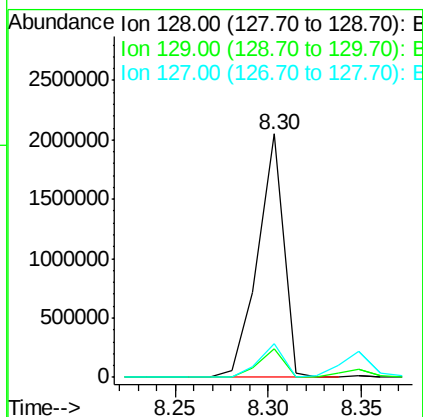
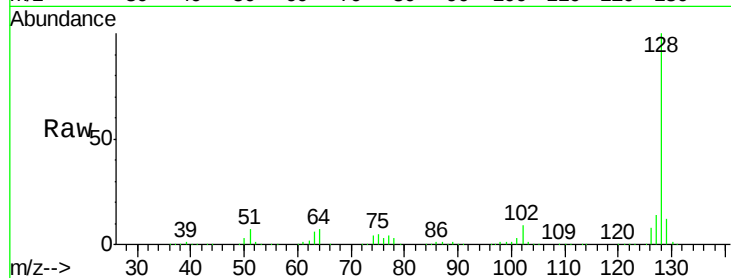




#31
Naphthalene
Concen: 38.76 ng
RT: 8.30 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF090456.D
Acq: 7 Oct 2016 21:02

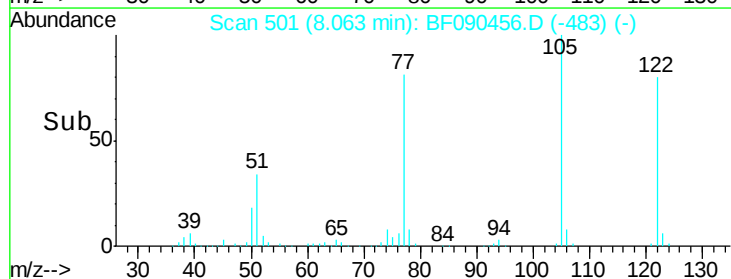
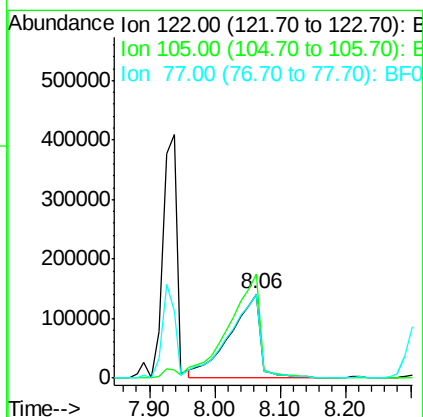
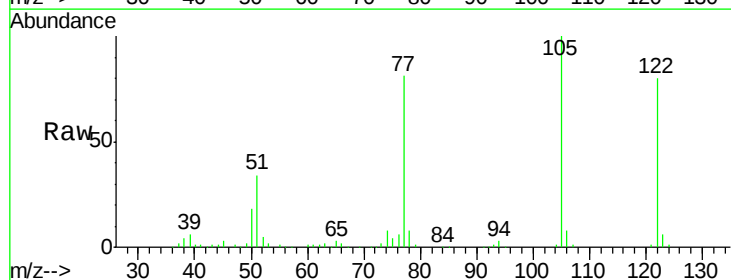
Instrument :
BNA_F
ClientSampled :
PB93841BS

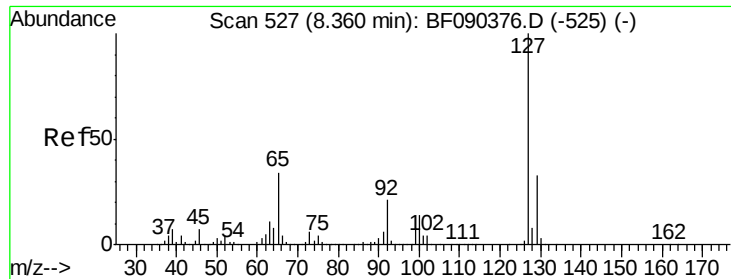
Tgt Ion:128 Resp: 1963389
Ion Ratio Lower Upper
128 100
129 11.6 9.7 14.5
127 13.9 11.7 17.5



#32
Benzoic acid
Concen: 36.19 ng
RT: 8.06 min Scan# 501
Delta R.T. 0.01 min
Lab File: BF090456.D
Acq: 7 Oct 2016 21:02

Tgt Ion:122 Resp: 451271
Ion Ratio Lower Upper
122 100
105 124.7 103.9 143.9
77 100.5 74.6 114.6

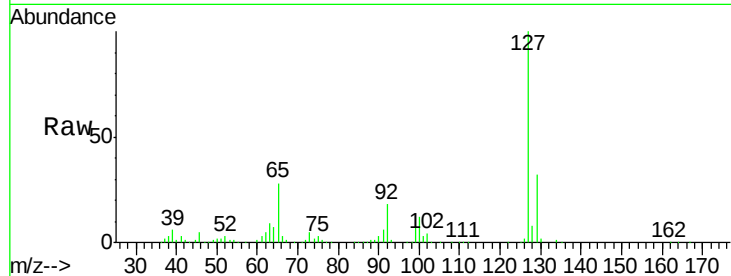




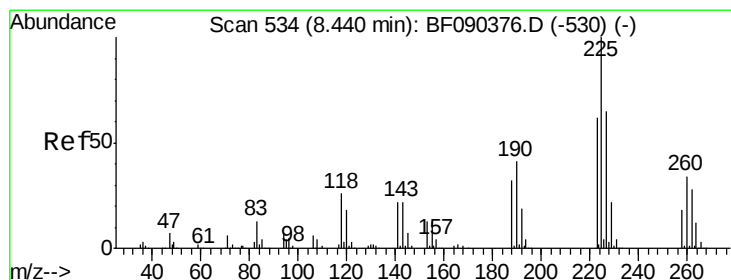
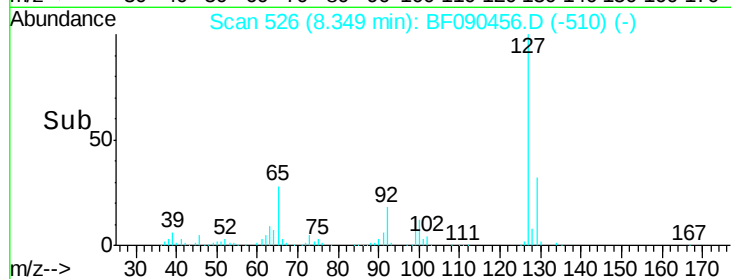
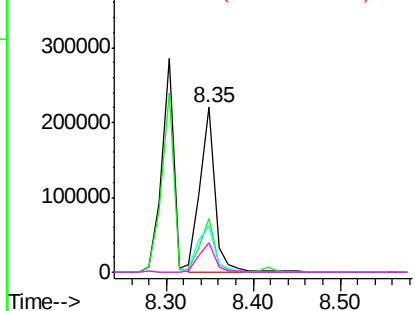
#33
4-Chloroaniline
Concen: 12.29 ng
RT: 8.35 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF090456.D
Acq: 7 Oct 2016 21:02

Instrument :
BNA_F
ClientSampleId :
PB93841BS

Tgt Ion:	127	Resp:	257379
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.4
65	28.1	32.5	48.7#
92	18.3	17.2	25.8

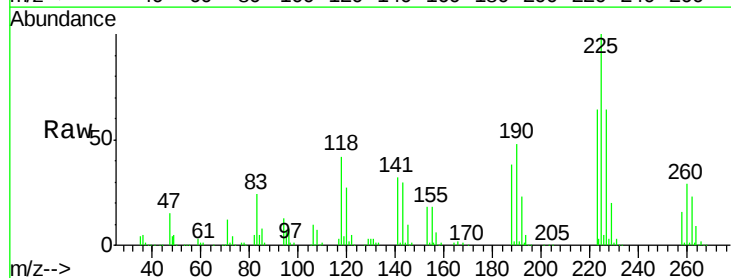


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

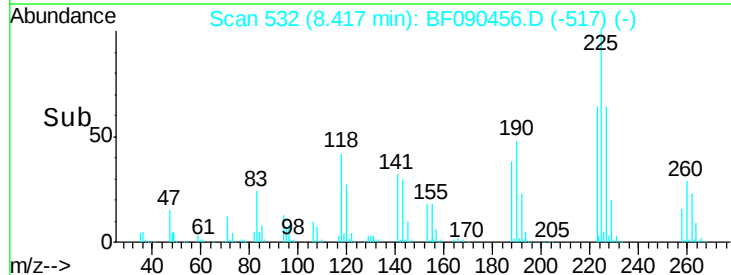
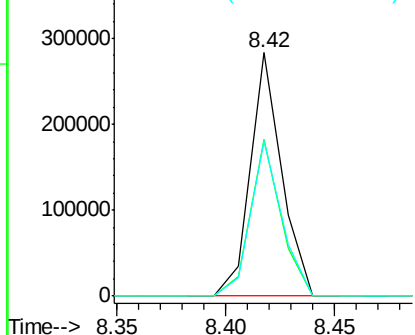


#34
Hexachlorobutadiene
Concen: 36.02 ng
RT: 8.42 min Scan# 532
Delta R.T. -0.02 min
Lab File: BF090456.D
Acq: 7 Oct 2016 21:02

Tgt Ion:	225	Resp:	282788
Ion	Ratio	Lower	Upper
225	100		
223	64.1	51.0	76.4
227	63.9	50.8	76.2



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

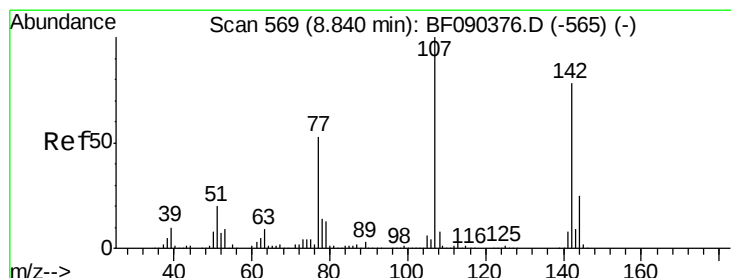
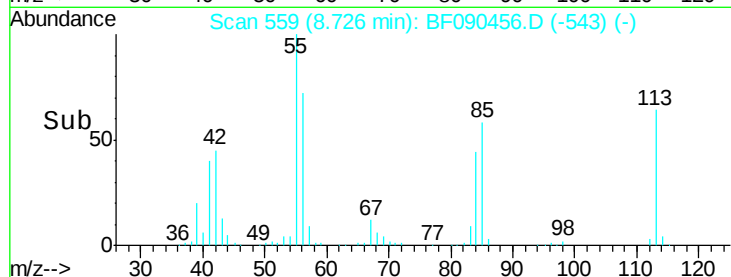
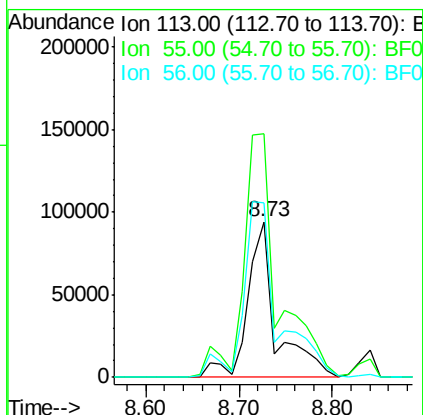
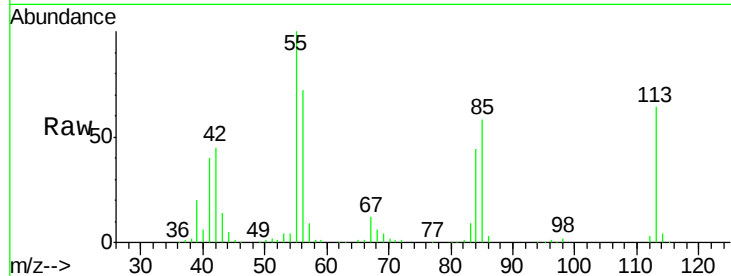




#35
 Caprolactam
 Concen: 43.50 ng
 RT: 8.73 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: BF090456.D
 Acq: 7 Oct 2016 21:02

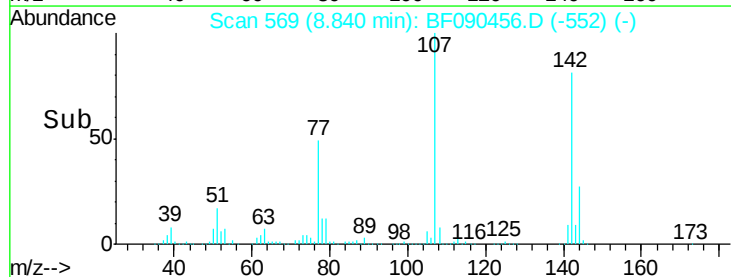
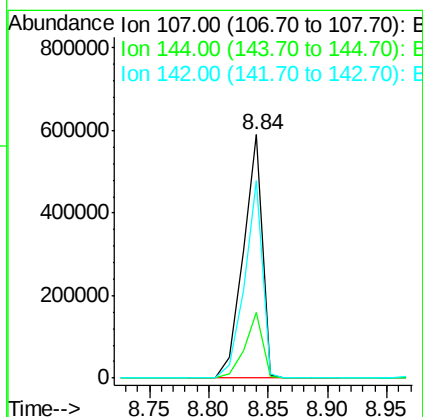
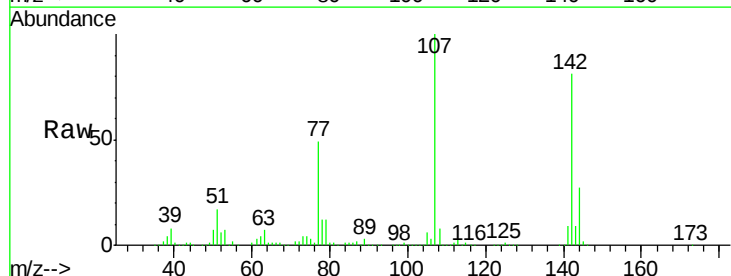
Instrument :
 BNA_F
 ClientSampleId :
 PB93841BS

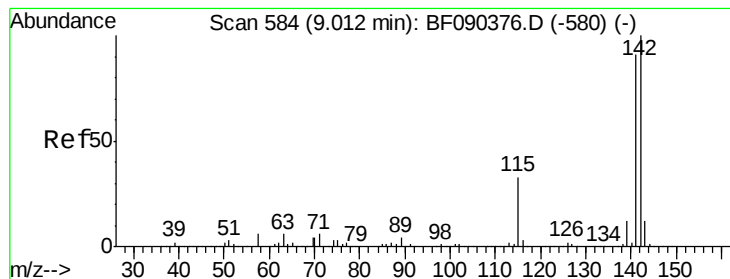
Tgt Ion:113 Resp: 199413
 Ion Ratio Lower Upper
 113 100
 55 156.8 203.3 243.3#
 56 112.4 140.5 180.5#



#36
 4-Chloro-3-methylphenol
 Concen: 38.68 ng
 RT: 8.84 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BF090456.D
 Acq: 7 Oct 2016 21:02

Tgt Ion:107 Resp: 660447
 Ion Ratio Lower Upper
 107 100
 144 26.8 19.8 29.8
 142 80.9 60.7 91.1





#37

2-Methylnaphthalene

Concen: 40.21 ng

RT: 8.99 min Scan# 582

Delta R.T. -0.02 min

Lab File: BF090456.D

Acq: 7 Oct 2016 21:02

Instrument :

BNA_F

ClientSampleId :

PB93841BS

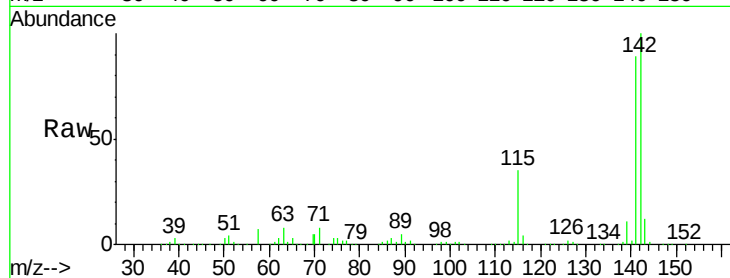
Tgt Ion:142 Resp: 1232807

Ion Ratio Lower Upper

142 100

141 89.1 71.8 107.8

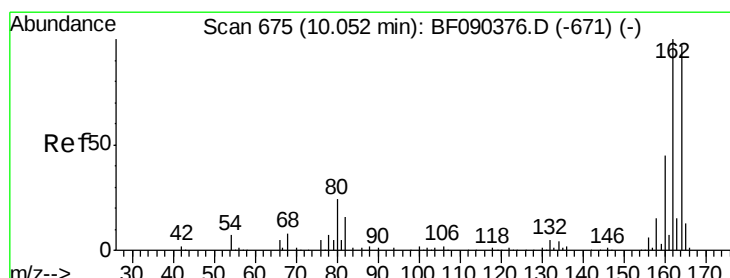
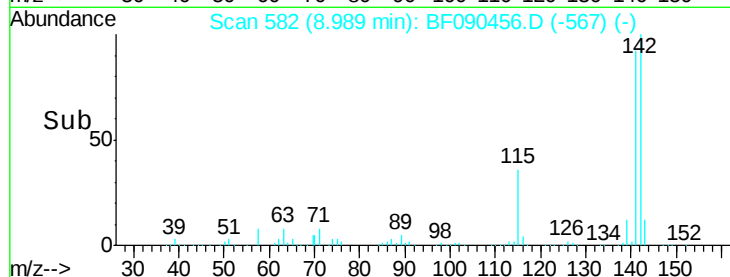
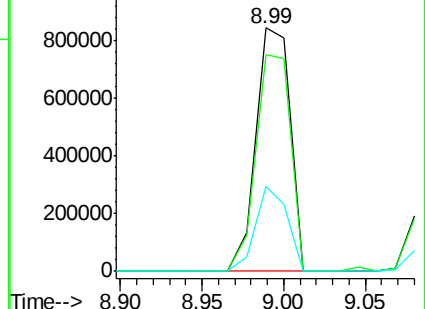
115 34.9 28.8 43.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.04 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF090456.D

Acq: 7 Oct 2016 21:02

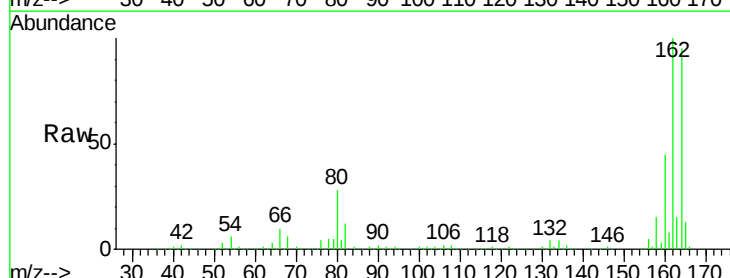
Tgt Ion:164 Resp: 524573

Ion Ratio Lower Upper

164 100

162 105.1 80.1 120.1

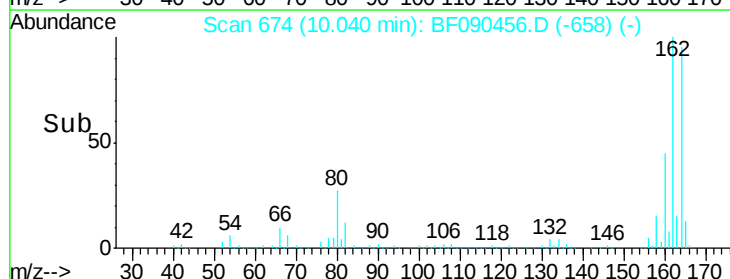
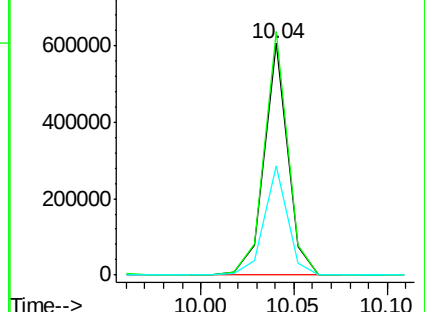
160 47.2 36.3 54.5

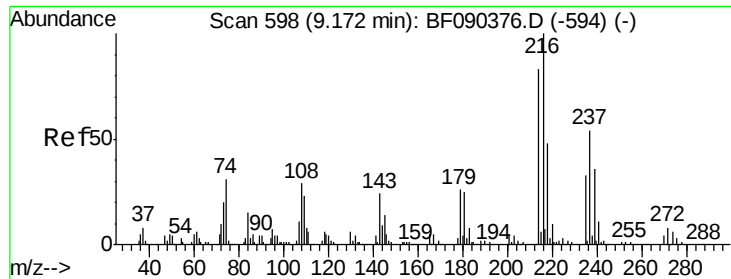


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

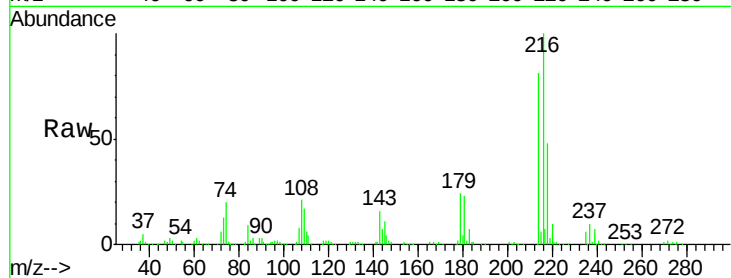




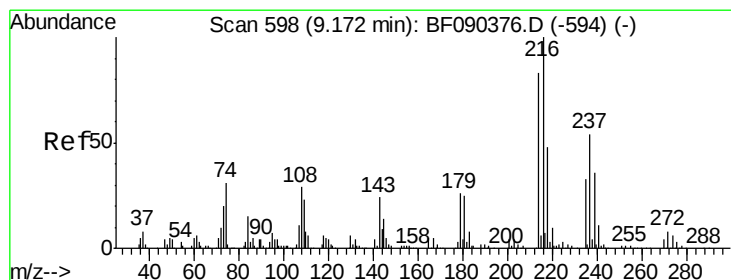
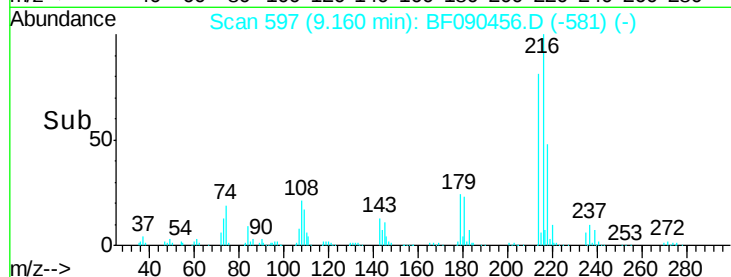
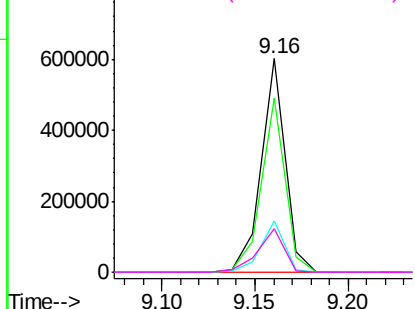
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.55 ng
 RT: 9.16 min Scan# 597
 Delta R.T. -0.01 min
 Lab File: BF090456.D
 Acq: 7 Oct 2016 21:02

Instrument :
 BNA_F
 ClientSampleId :
 PB93841BS

Tgt Ion:	216	Resp:	533183
Ion	Ratio	Lower	Upper
216	100		
214	80.4	64.2	96.2
179	23.6	18.0	27.0
108	22.4	15.2	22.8

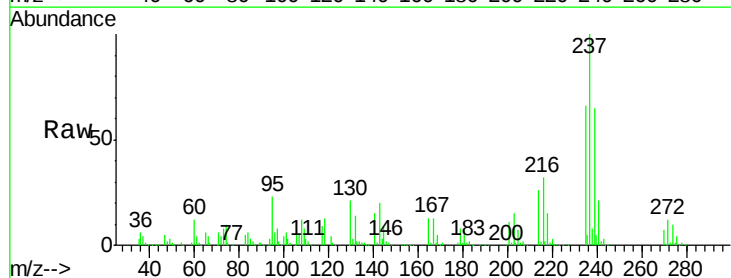


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

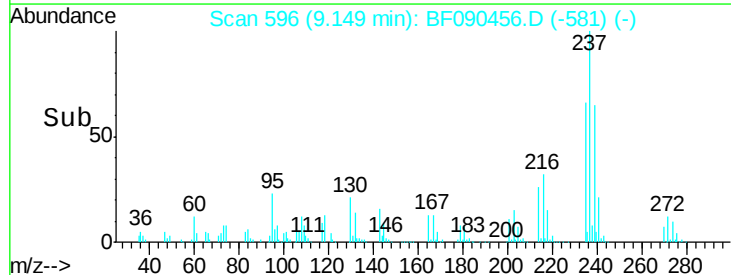
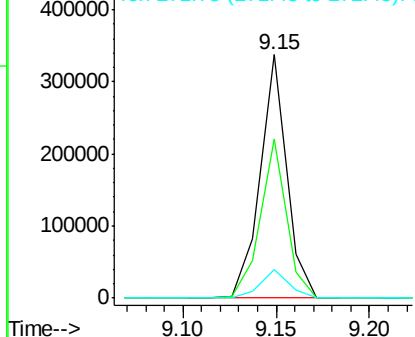


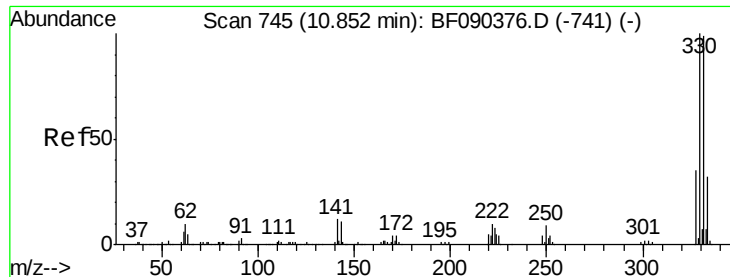
#40
 Hexachlorocyclopentadiene
 Concen: 43.83 ng
 RT: 9.15 min Scan# 596
 Delta R.T. -0.02 min
 Lab File: BF090456.D
 Acq: 7 Oct 2016 21:02

Tgt Ion:	237	Resp:	332275
Ion	Ratio	Lower	Upper
237	100		
235	65.5	43.6	83.6
272	11.9	0.0	32.7



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

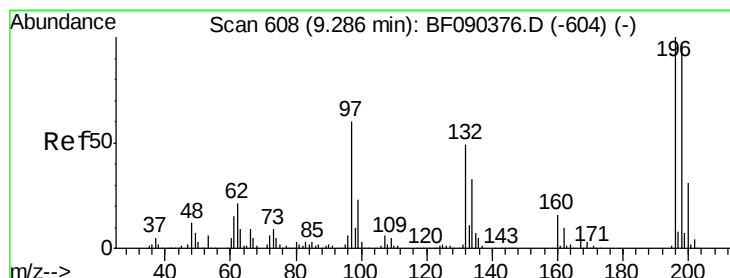
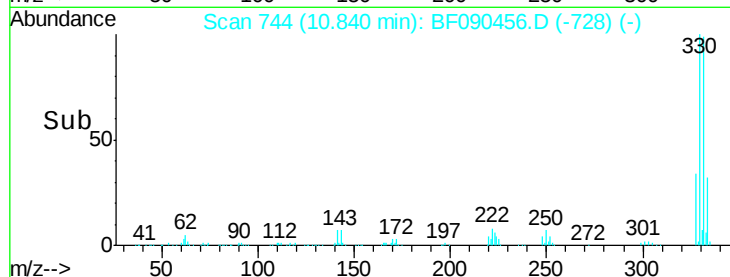
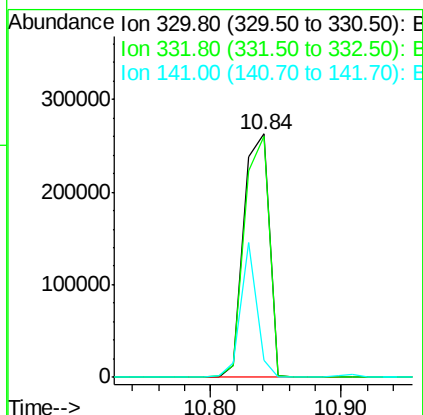
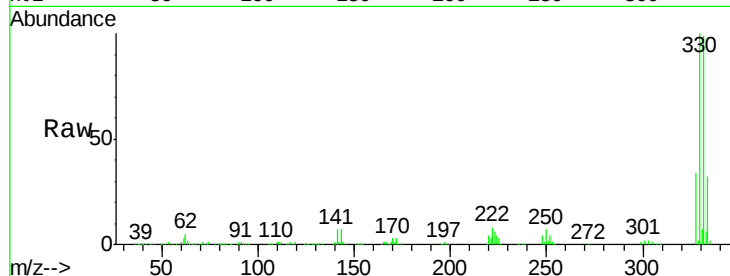




#41
 2,4,6-Tribromophenol
 Concen: 83.29 ng
 RT: 10.84 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF090456.D
 Acq: 7 Oct 2016 21:02

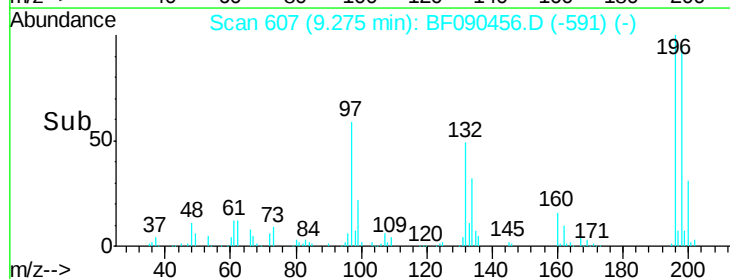
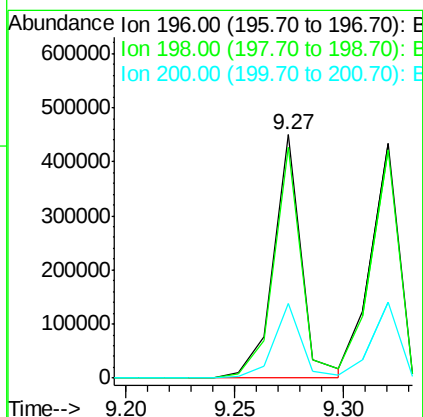
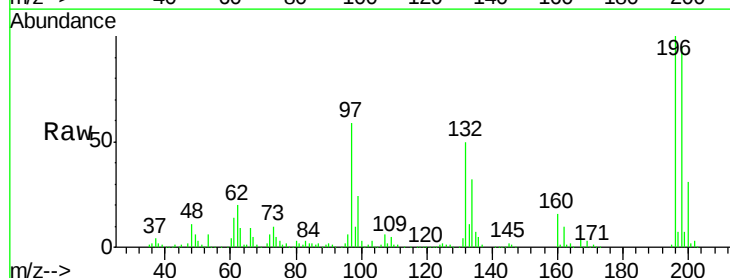
Instrument :
 BNA_F
 ClientSampleId :
 PB93841BS

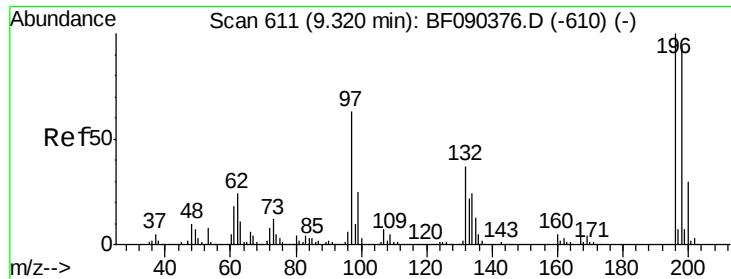
Tgt Ion:330 Resp: 355253
 Ion Ratio Lower Upper
 330 100
 332 96.4 75.4 113.0
 141 35.1 26.9 40.3



#42
 2,4,6-Trichlorophenol
 Concen: 42.23 ng
 RT: 9.27 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF090456.D
 Acq: 7 Oct 2016 21:02

Tgt Ion:196 Resp: 403062
 Ion Ratio Lower Upper
 196 100
 198 94.9 78.9 118.3
 200 30.8 25.4 38.2

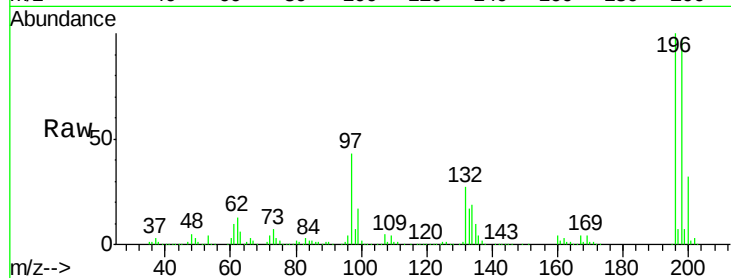




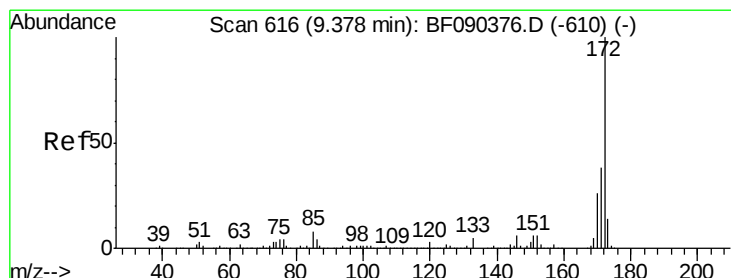
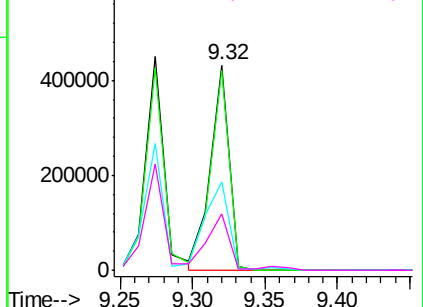
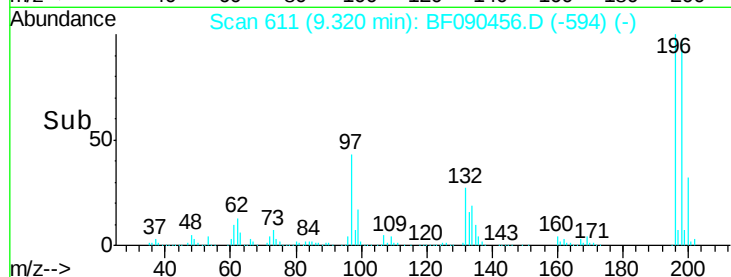
#43
 2,4,5-Trichlorophenol
 Concen: 43.14 ng
 RT: 9.32 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF090456.D
 Acq: 7 Oct 2016 21:02

Instrument :
 BNA_F
 ClientSampleId :
 PB93841BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.5	78.1	117.1
97	43.2	48.1	72.1#
132	27.4	27.4	41.2#

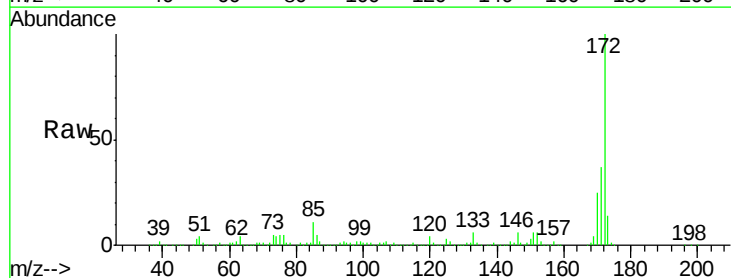


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

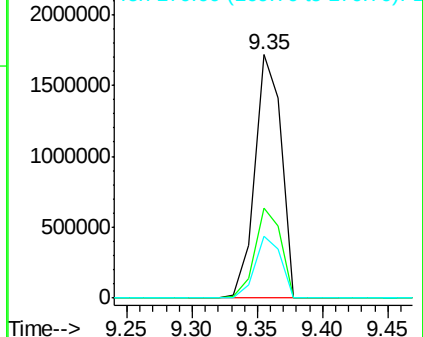
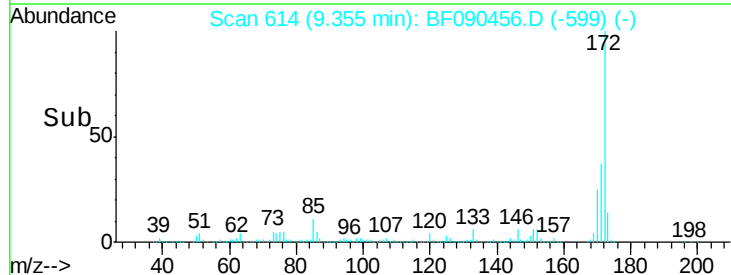


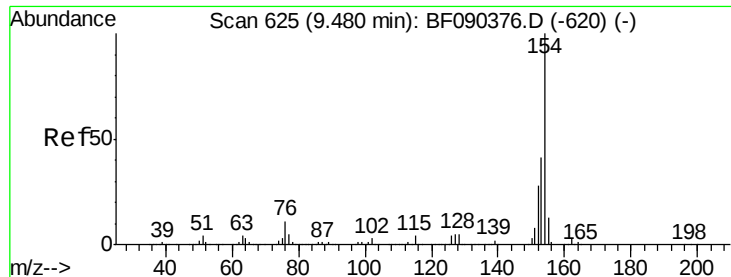
#44
 2-Fluorobiphenyl
 Concen: 76.87 ng
 RT: 9.35 min Scan# 614
 Delta R.T. -0.02 min
 Lab File: BF090456.D
 Acq: 7 Oct 2016 21:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	31.8	47.8
170	25.2	21.7	32.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

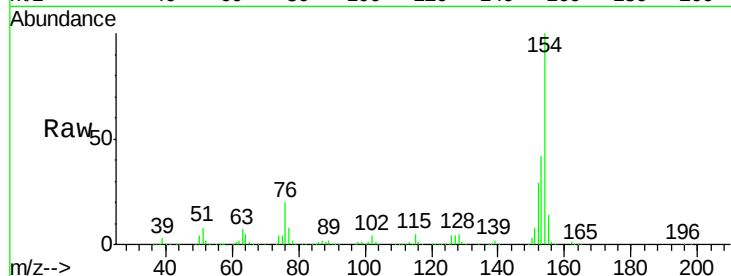




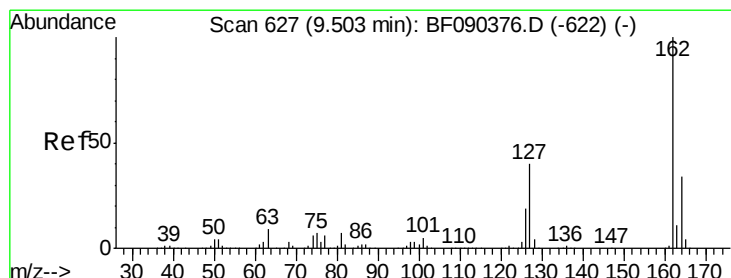
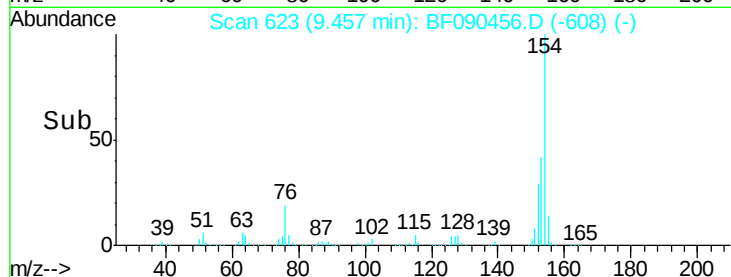
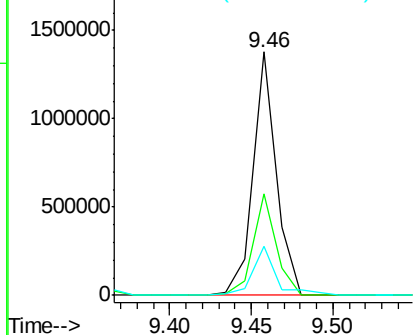
#45
 1,1'-Biphenyl
 Concen: 35.12 ng
 RT: 9.46 min Scan# 623
 Delta R.T. -0.02 min
 Lab File: BF090456.D
 Acq: 7 Oct 2016 21:02

Instrument :
 BNA_F
 ClientSampleId :
 PB93841BS

Tgt Ion:154 Resp: 1365312
 Ion Ratio Lower Upper
 154 100
 153 41.9 23.8 63.8
 76 19.9 0.0 35.8

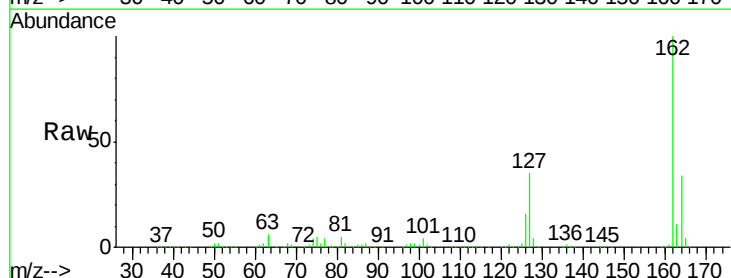


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

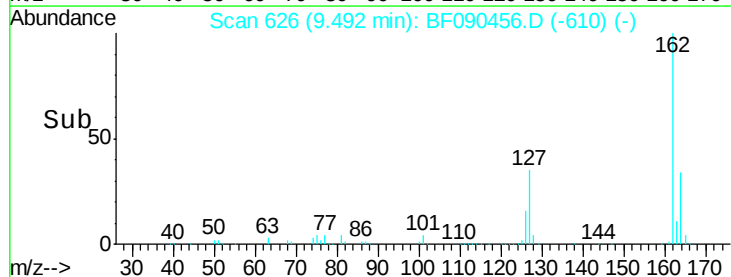
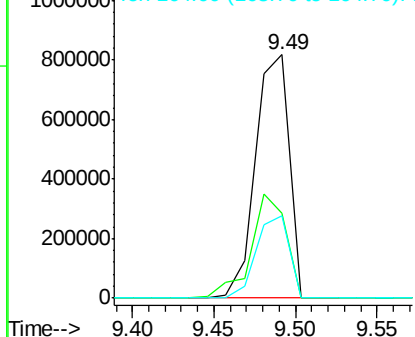


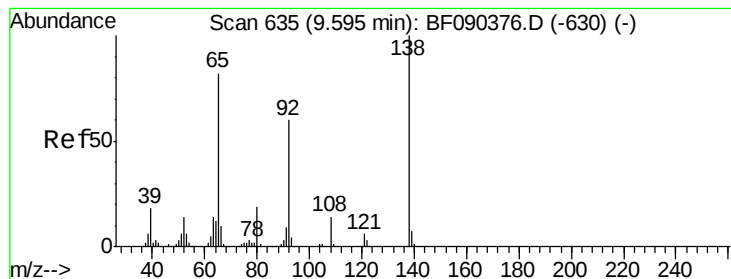
#46
 2-Chloronaphthalene
 Concen: 40.79 ng
 RT: 9.49 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF090456.D
 Acq: 7 Oct 2016 21:02

Tgt Ion:162 Resp: 1171441
 Ion Ratio Lower Upper
 162 100
 127 34.7 35.6 53.4#
 164 34.0 27.5 41.3



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





#47

2-Nitroaniline

Concen: 39.14 ng

RT: 9.58 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF090456.D

Acq: 7 Oct 2016 21:02

Instrument :

BNA_F

ClientSampleId :

PB93841BS

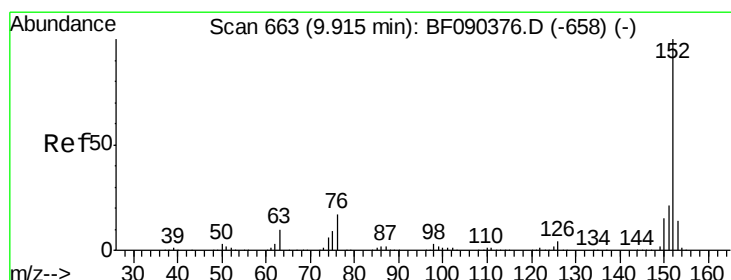
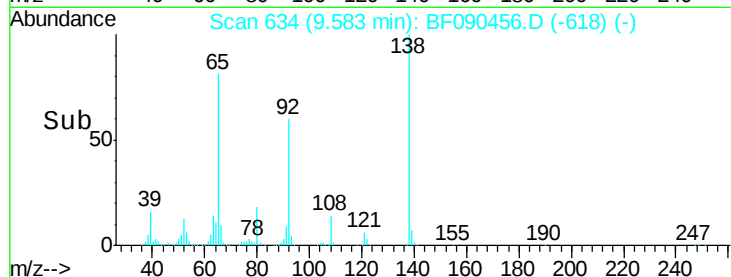
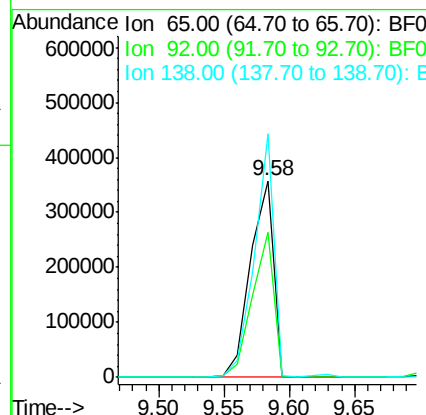
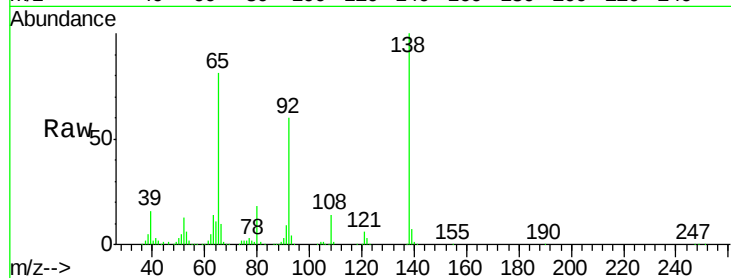
Tgt Ion: 65 Resp: 443562

Ion Ratio Lower Upper

65 100

92 73.9 51.7 77.5

138 123.7 79.0 118.4#



#48

Acenaphthylene

Concen: 36.65 ng

RT: 9.90 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF090456.D

Acq: 7 Oct 2016 21:02

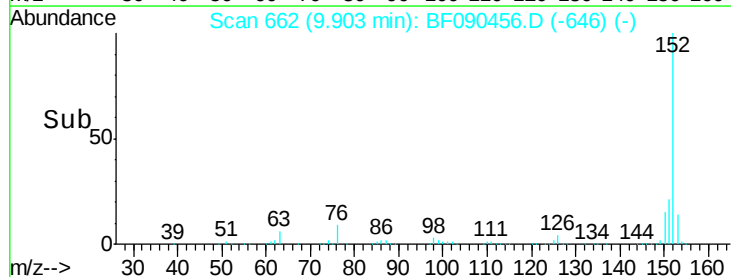
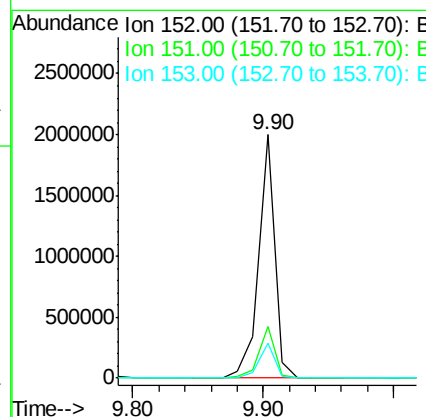
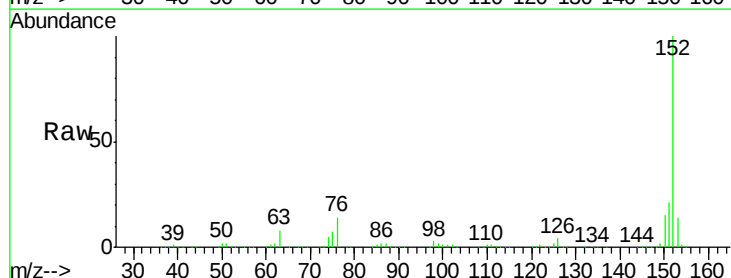
Tgt Ion: 152 Resp: 1736839

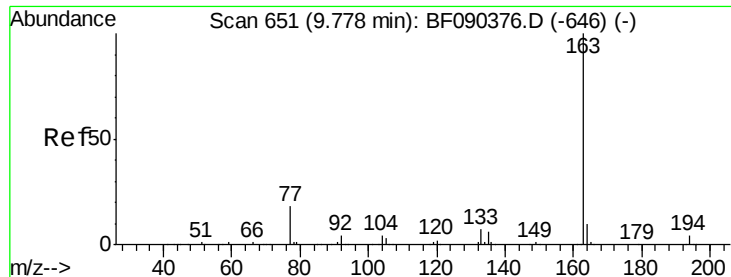
Ion Ratio Lower Upper

152 100

151 21.3 17.4 26.0

153 14.2 11.6 17.4

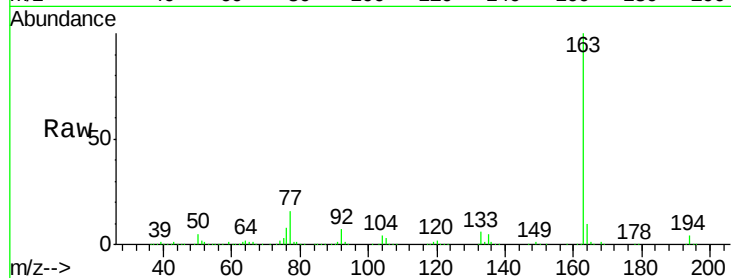




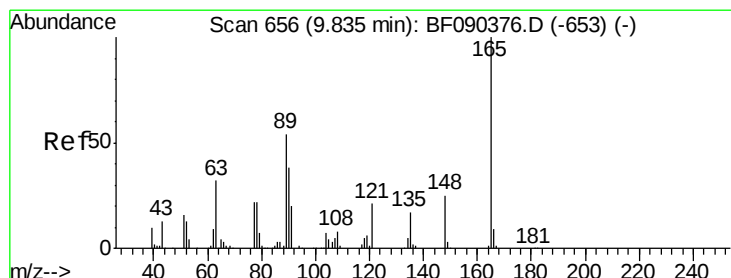
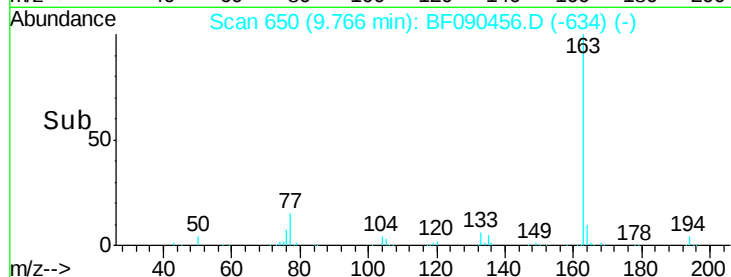
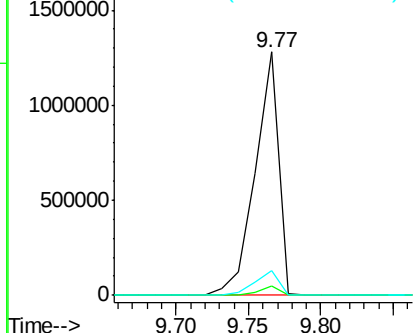
#49
Dimethylphthalate
Concen: 42.70 ng
RT: 9.77 min Scan# 650
Delta R.T. -0.01 min
Lab File: BF090456.D
Acq: 7 Oct 2016 21:02

Instrument :
BNA_F
ClientSampleId :
PB93841BS

Tgt Ion:163 Resp: 1434365
Ion Ratio Lower Upper
163 100
194 4.0 2.8 4.2
164 10.2 9.0 13.4

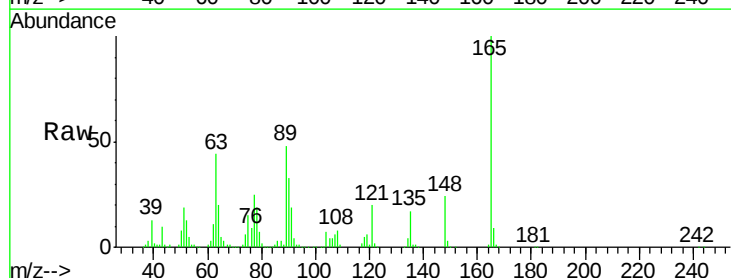


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

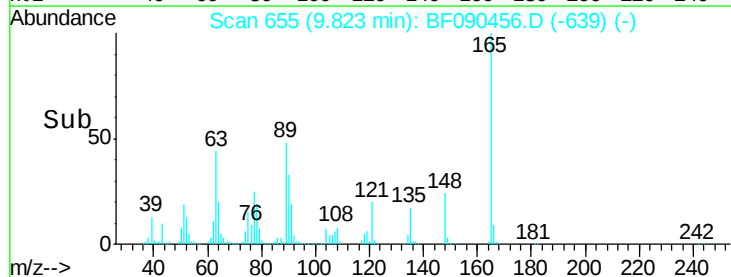
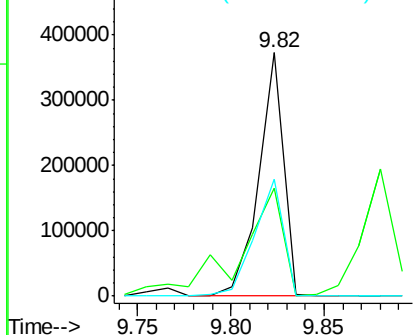


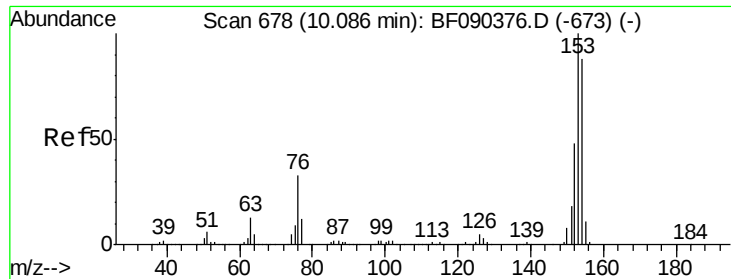
#50
2,6-Dinitrotoluene
Concen: 45.50 ng
RT: 9.82 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF090456.D
Acq: 7 Oct 2016 21:02

Tgt Ion:165 Resp: 339362
Ion Ratio Lower Upper
165 100
63 44.2 58.0 87.0#
89 48.0 51.2 76.8#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.19 ng

RT: 10.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF090456.D

Acq: 7 Oct 2016 21:02

Instrument :

BNA_F

ClientSampleId :

PB93841BS

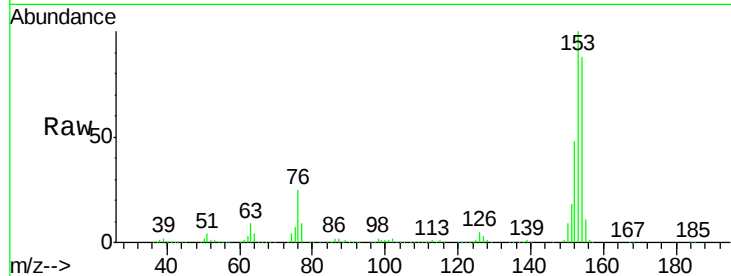
Tgt Ion:154 Resp: 1128423

Ion Ratio Lower Upper

154 100

153 114.0 88.6 133.0

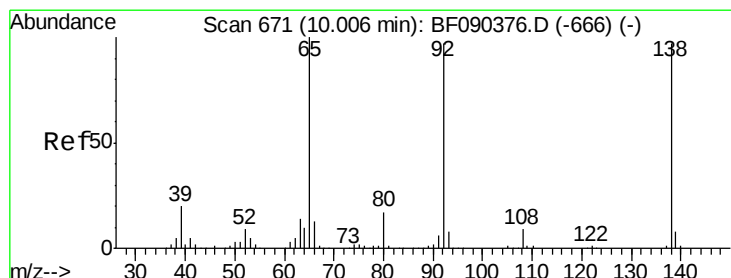
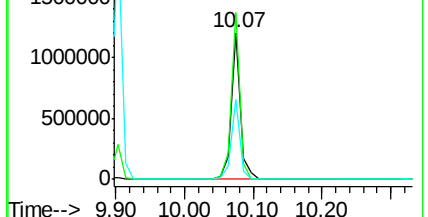
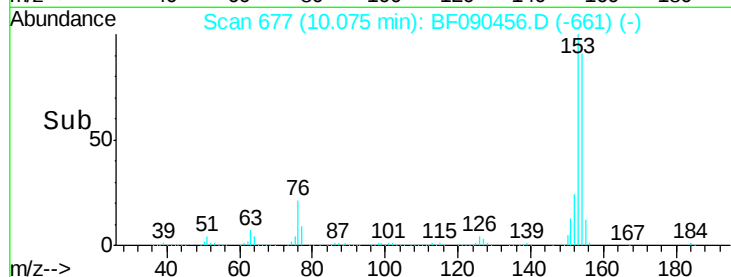
152 54.7 42.6 64.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.88 ng

RT: 9.98 min Scan# 669

Delta R.T. -0.02 min

Lab File: BF090456.D

Acq: 7 Oct 2016 21:02

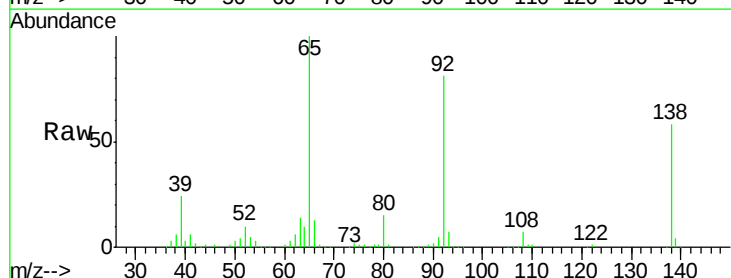
Tgt Ion:138 Resp: 199348

Ion Ratio Lower Upper

138 100

108 11.2 9.7 14.5

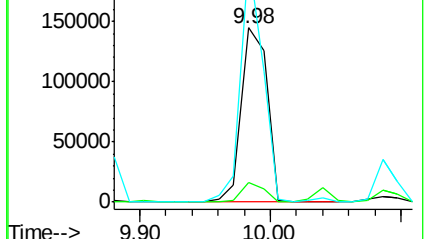
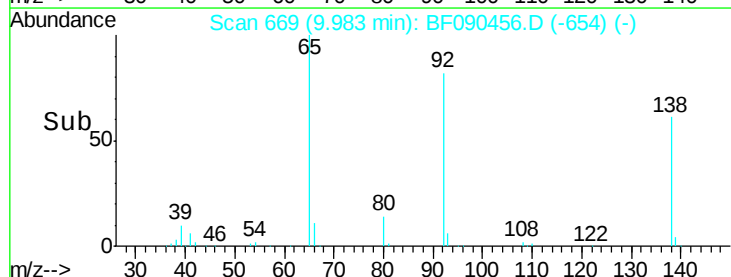
92 140.0 97.1 145.7

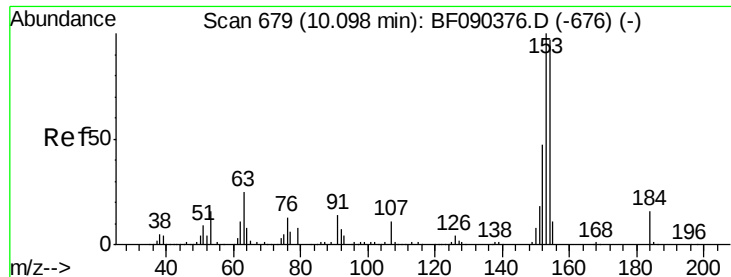


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

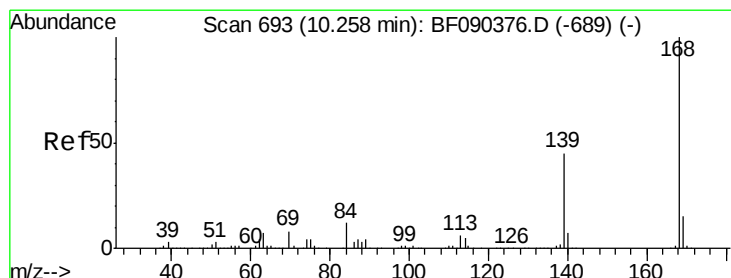
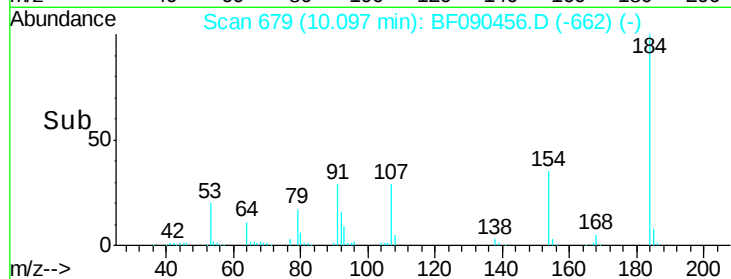
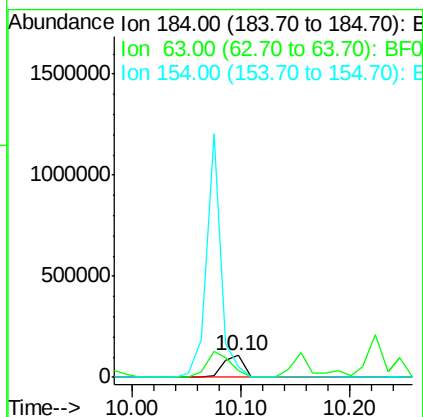
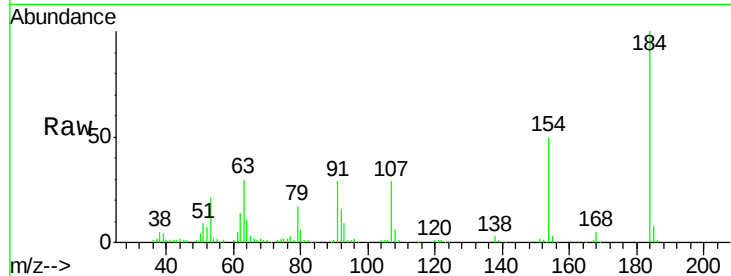




#53
2,4-Dinitrophenol
Concen: 42.72 ng
RT: 10.10 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF090456.D
Acq: 7 Oct 2016 21:02

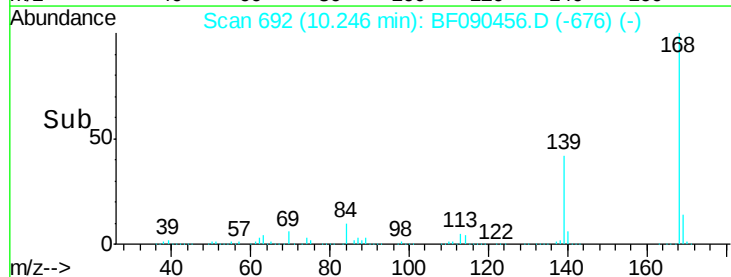
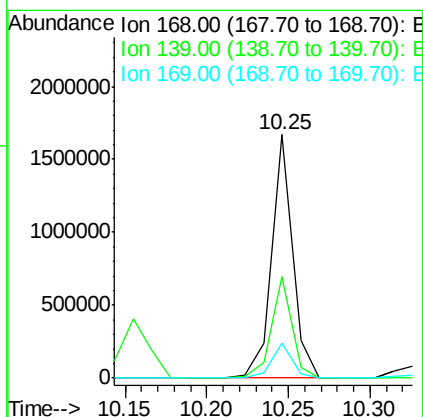
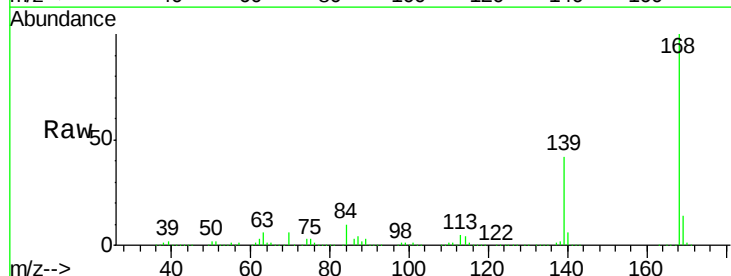
Instrument :
BNA_F
ClientSampleId :
PB93841BS

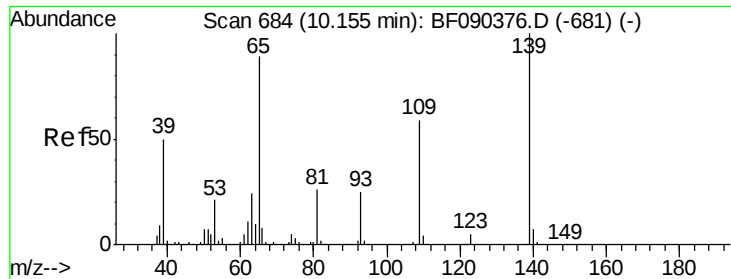
Tgt Ion:184 Resp: 142068
Ion Ratio Lower Upper
184 100
63 30.4 41.9 62.9#
154 50.4 48.9 73.3



#54
Dibenzofuran
Concen: 39.31 ng
RT: 10.25 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF090456.D
Acq: 7 Oct 2016 21:02

Tgt Ion:168 Resp: 1503421
Ion Ratio Lower Upper
168 100
139 41.9 29.6 44.4
169 14.4 11.3 16.9

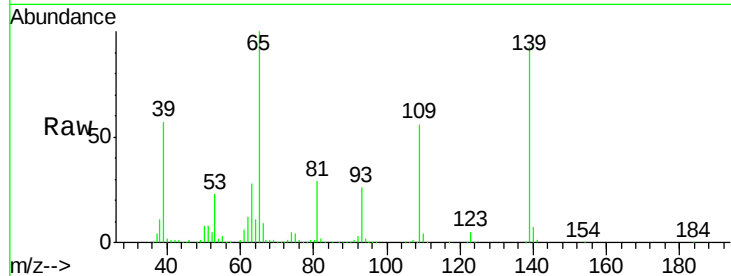




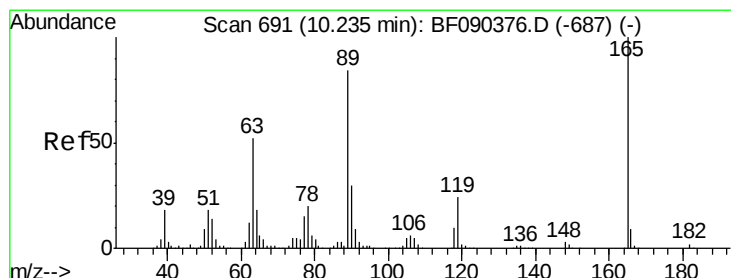
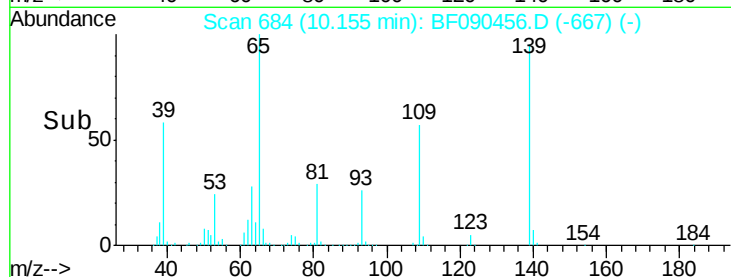
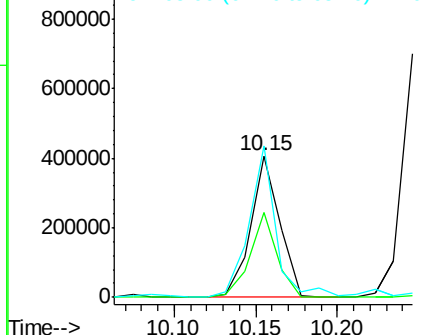
#55
4-Nitrophenol
Concen: 66.04 ng
RT: 10.15 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF090456.D
Acq: 7 Oct 2016 21:02

Instrument :
BNA_F
ClientSampleId :
PB93841BS

Tgt Ion:139 Resp: 503484
Ion Ratio Lower Upper
139 100
109 60.2 43.6 83.6
65 107.1 87.5 127.5

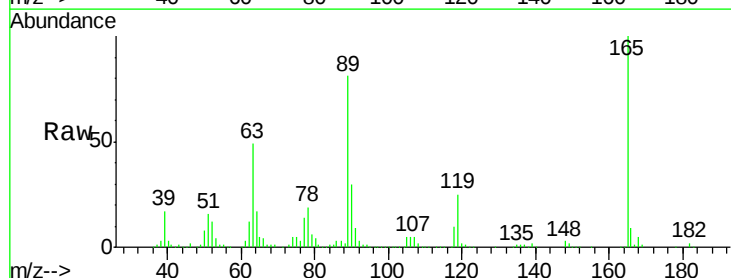


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

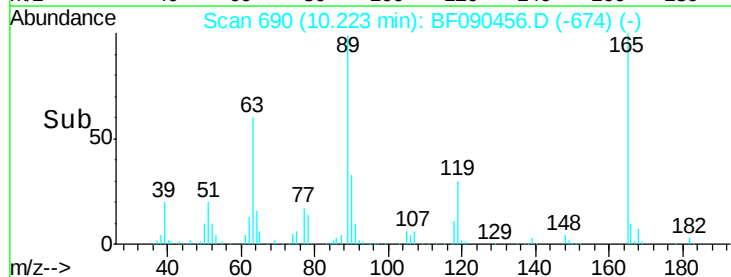
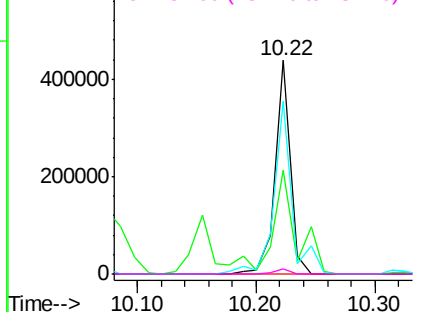


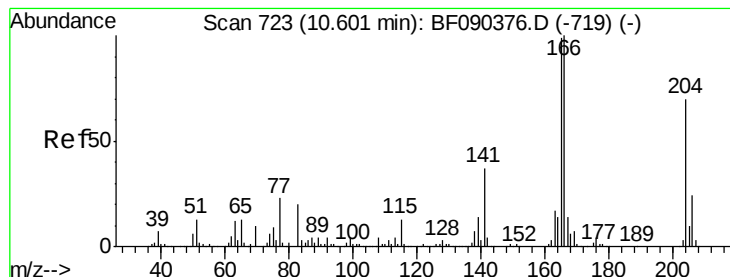
#56
2,4-Dinitrotoluene
Concen: 39.24 ng
RT: 10.22 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF090456.D
Acq: 7 Oct 2016 21:02

Tgt Ion:165 Resp: 389516
Ion Ratio Lower Upper
165 100
63 48.7 17.8 26.6#
89 80.8 33.2 49.8#
182 2.1 2.1 3.1



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 37.09 ng

RT: 10.59 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF090456.D

Acq: 7 Oct 2016 21:02

Instrument :

BNA_F

ClientSampleId :

PB93841BS

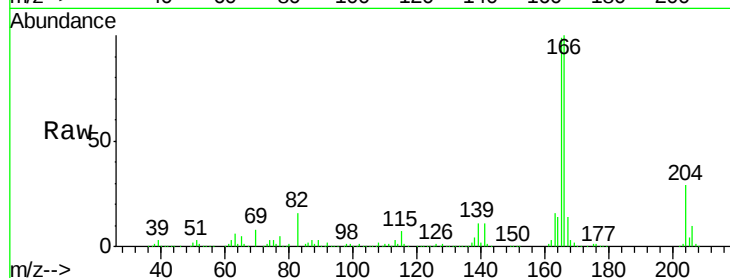
Tgt Ion:166 Resp: 1192161

Ion Ratio Lower Upper

166 100

165 98.9 79.2 118.8

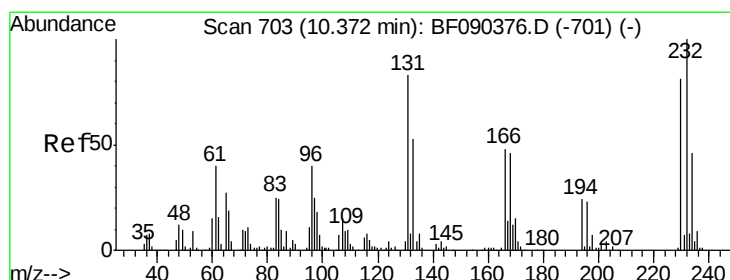
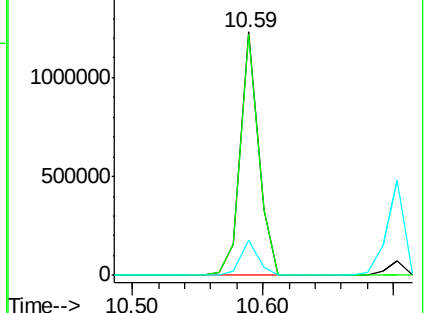
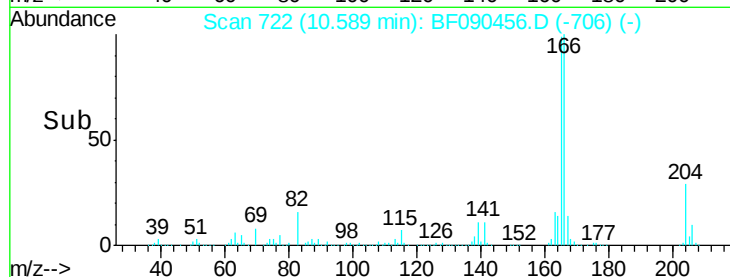
167 14.1 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.64 ng

RT: 10.37 min Scan# 703

Delta R.T. -0.00 min

Lab File: BF090456.D

Acq: 7 Oct 2016 21:02

Tgt Ion:232 Resp: 294122

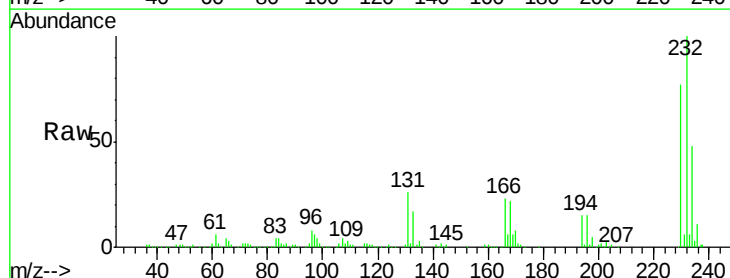
Ion Ratio Lower Upper

232 100

131 51.3 34.5 51.7

130 2.2 1.6 2.4

166 34.4 23.8 35.8

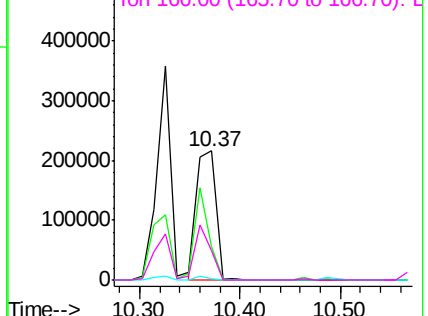
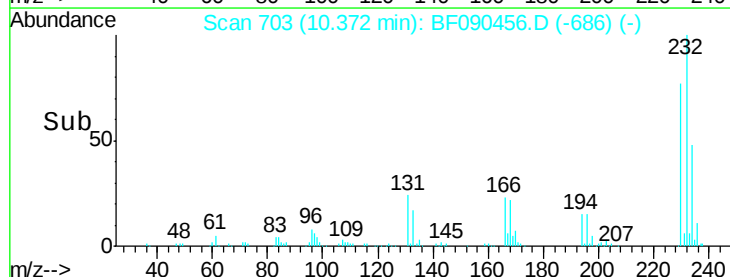


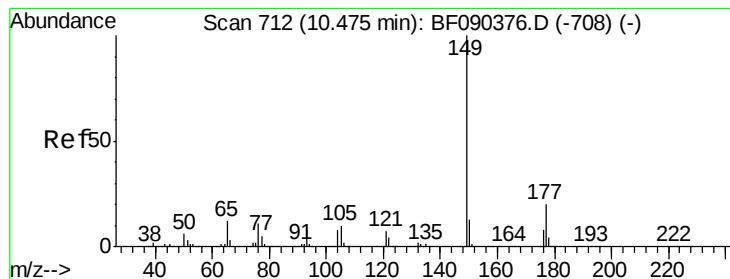
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 40.42 ng

RT: 10.46 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF090456.D

Acq: 7 Oct 2016 21:02

Instrument :

BNA_F

ClientSampleId :

PB93841BS

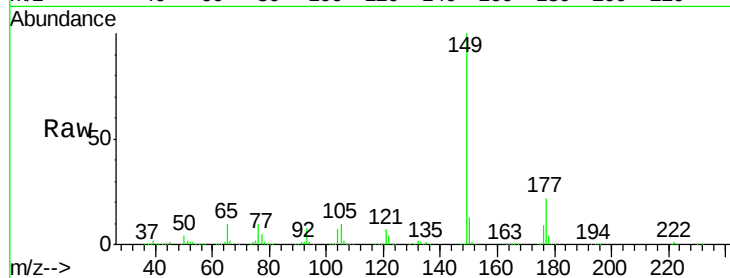
Tgt Ion:149 Resp: 1405088

Ion Ratio Lower Upper

149 100

177 22.0 21.1 31.7

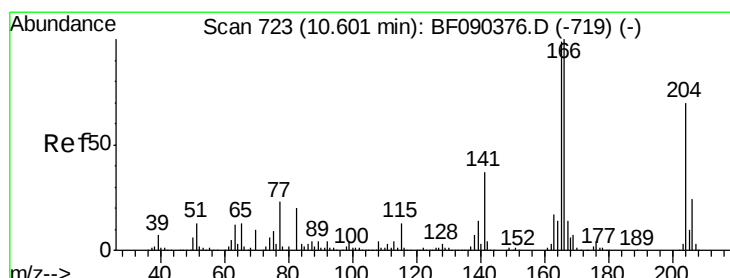
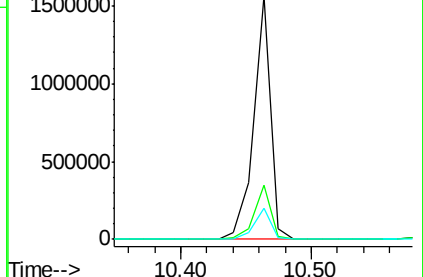
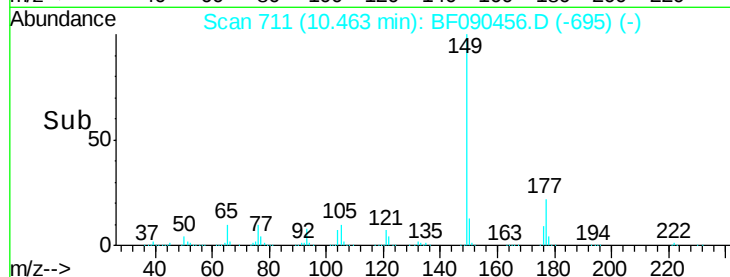
150 13.0 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.71 ng

RT: 10.58 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF090456.D

Acq: 7 Oct 2016 21:02

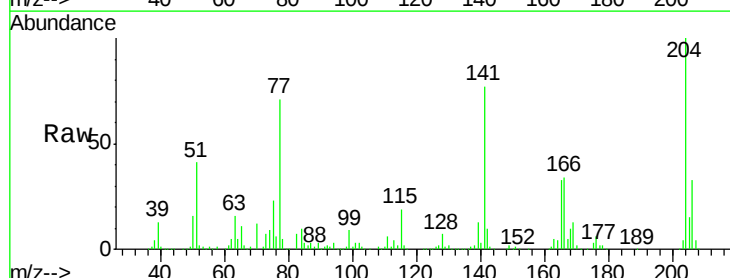
Tgt Ion:204 Resp: 580271

Ion Ratio Lower Upper

204 100

206 32.9 26.7 40.1

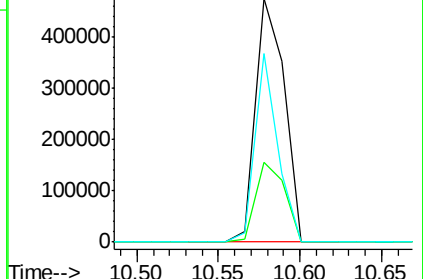
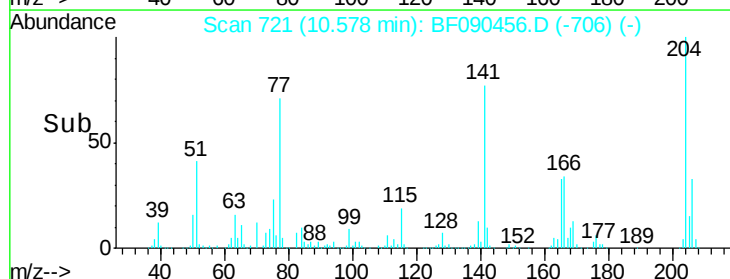
141 77.2 51.7 77.5

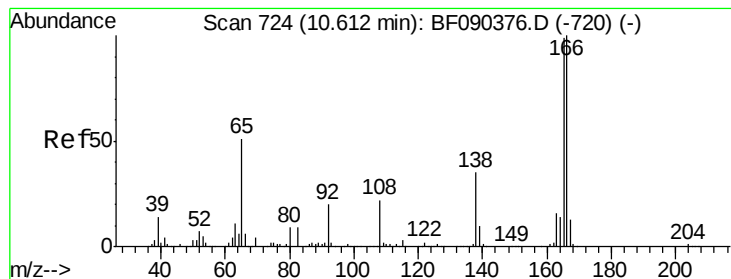


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

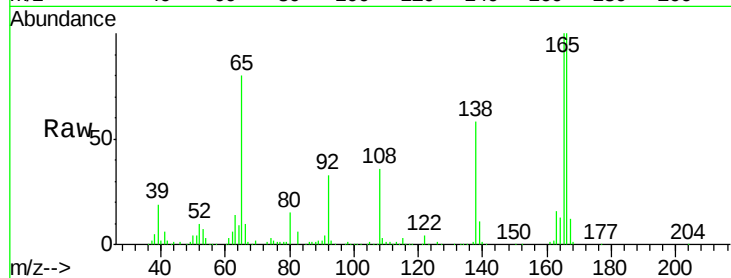




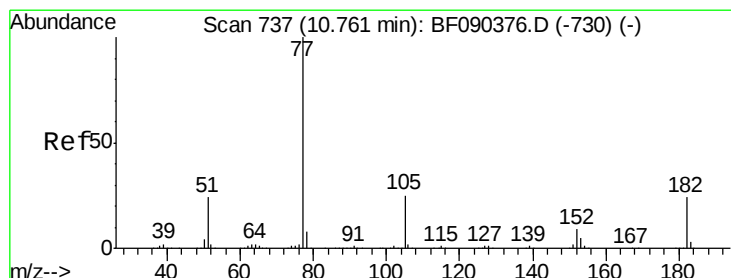
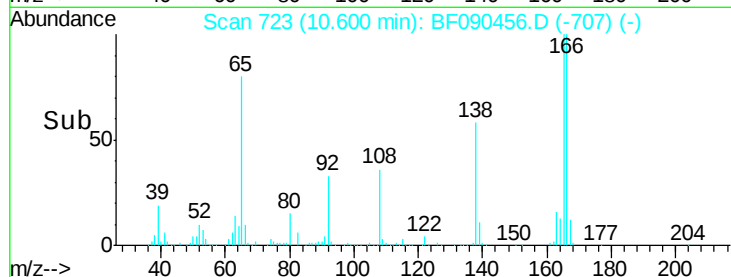
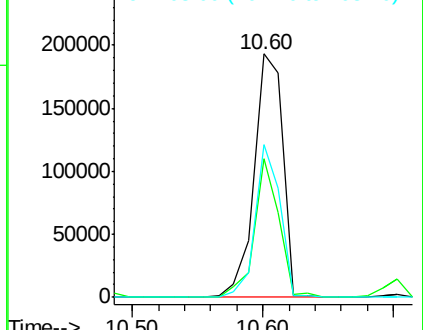
#61
4-Nitroaniline
Concen: 33.73 ng
RT: 10.60 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF090456.D
Acq: 7 Oct 2016 21:02

Instrument :
BNA_F
ClientSampled :
PB93841BS

Tgt Ion:138 Resp: 296157
Ion Ratio Lower Upper
138 100
92 57.1 33.2 73.2
108 62.6 48.5 88.5

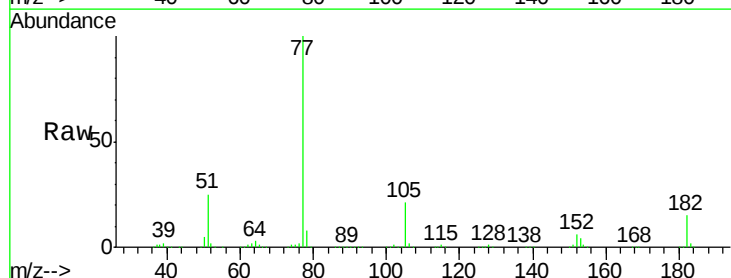


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

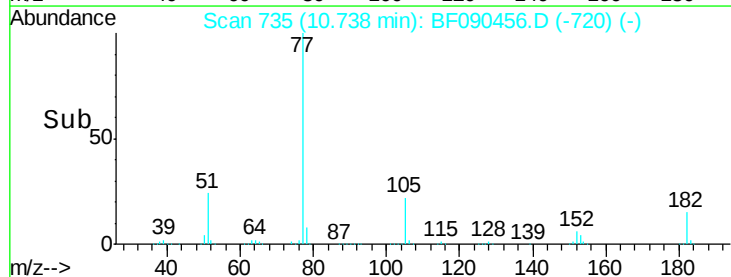
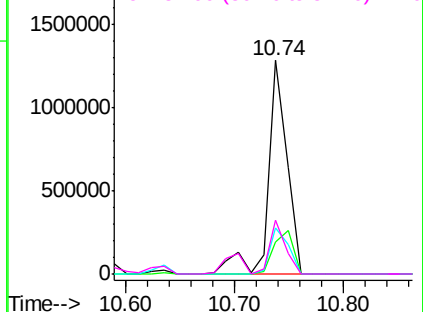


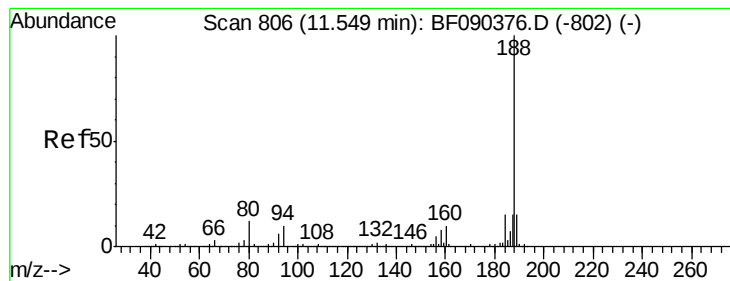
#62
Azobenzene
Concen: 38.80 ng
RT: 10.74 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF090456.D
Acq: 7 Oct 2016 21:02

Tgt Ion: 77 Resp: 1557696
Ion Ratio Lower Upper
77 100
182 14.8 3.2 43.2
105 21.4 2.9 42.9
51 25.3 14.2 54.2



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.53 min Scan# 804

Delta R.T. -0.02 min

Lab File: BF090456.D

Acq: 7 Oct 2016 21:02

Instrument :

BNA_F

ClientSampleId :

PB93841BS

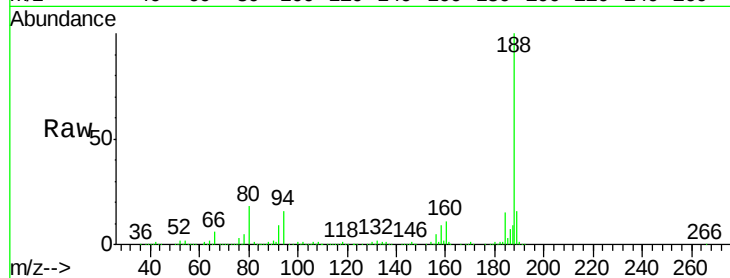
Tgt Ion:188 Resp: 818335

Ion Ratio Lower Upper

188 100

94 15.8 8.2 12.2#

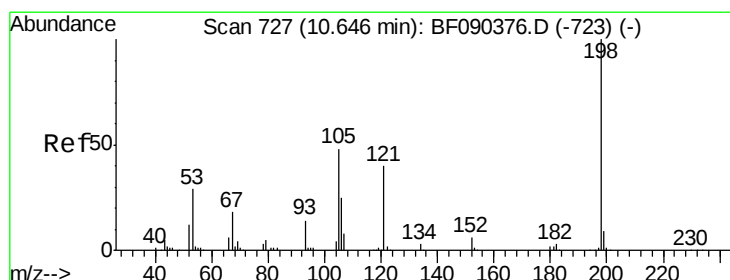
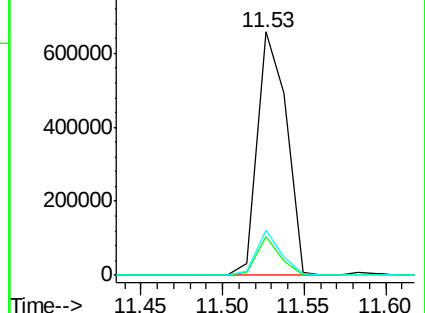
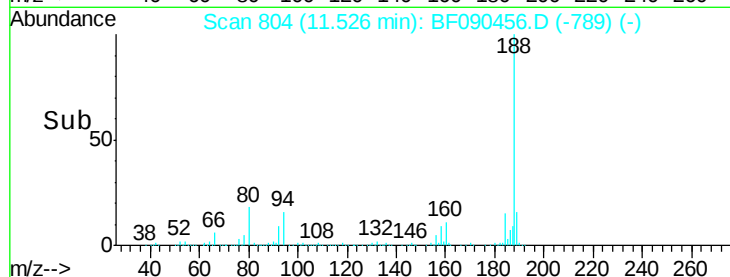
80 18.4 8.8 13.2#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 25.11 ng

RT: 10.63 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF090456.D

Acq: 7 Oct 2016 21:02

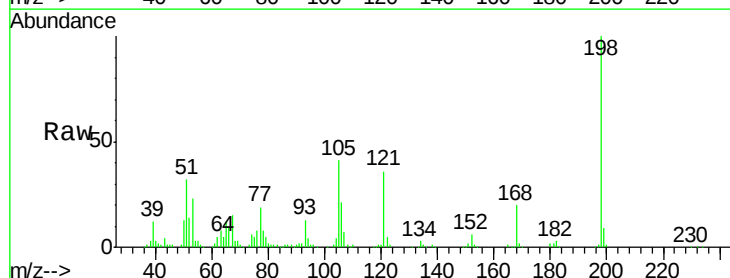
Tgt Ion:198 Resp: 122537

Ion Ratio Lower Upper

198 100

51 31.7 67.3 107.3#

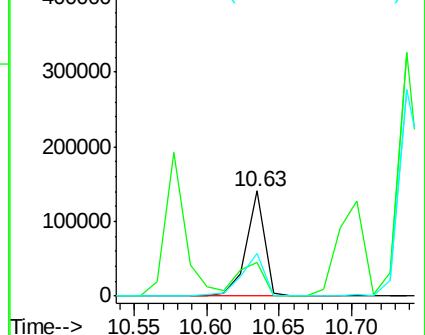
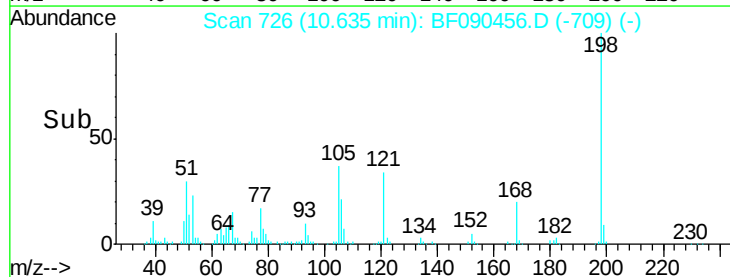
105 40.5 42.6 82.6#

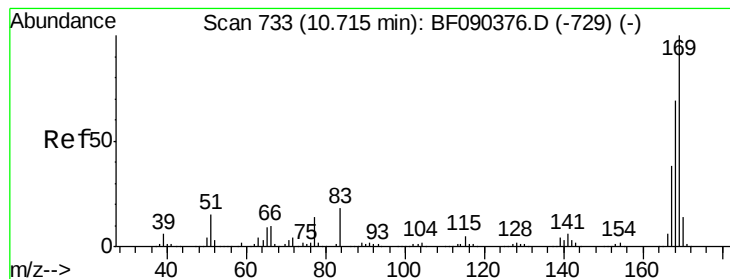


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

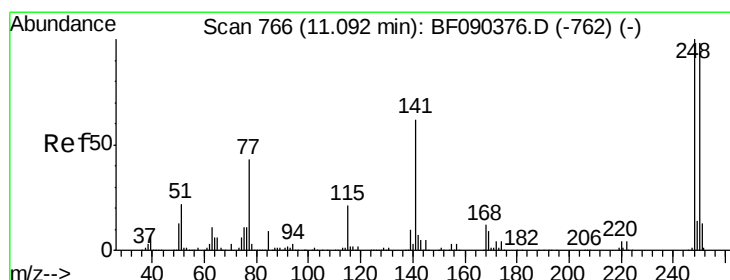
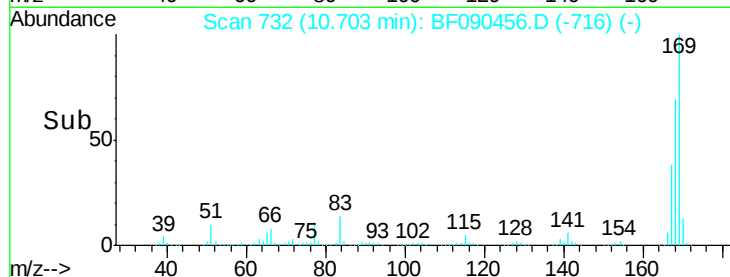
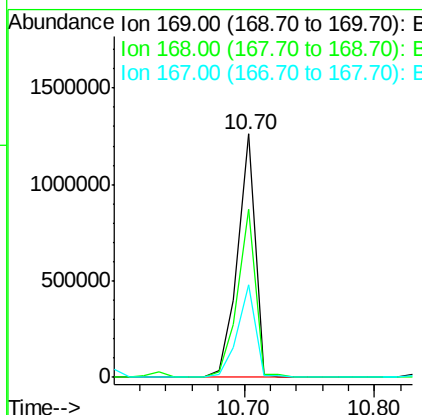
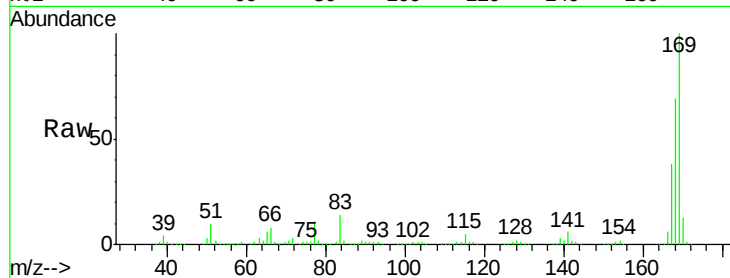




#65
 n-Nitrosodiphenylamine
 Concen: 43.06 ng
 RT: 10.70 min Scan# 732
 Delta R.T. -0.01 min
 Lab File: BF090456.D
 Acq: 7 Oct 2016 21:02

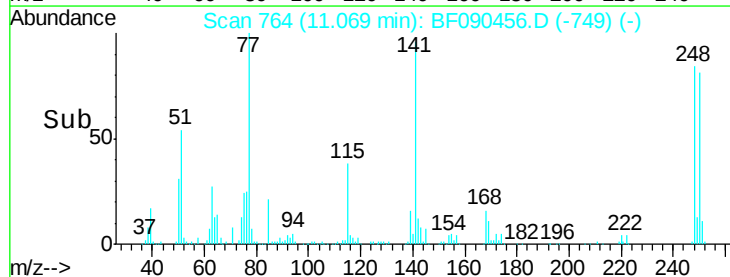
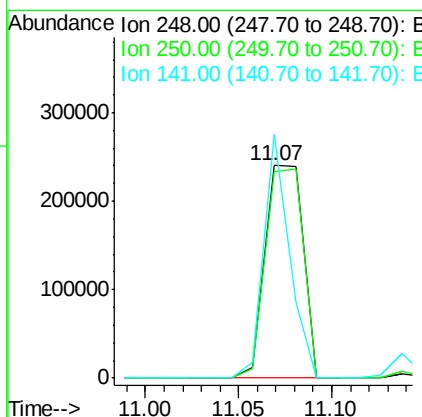
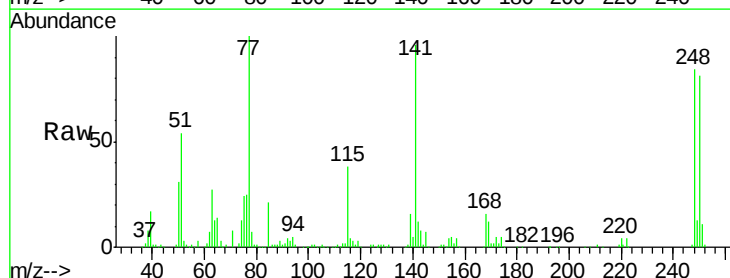
Instrument :
 BNA_F
 ClientSampleId :
 PB93841BS

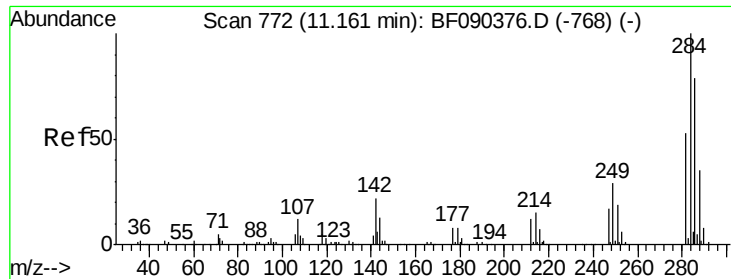
Tgt Ion:169 Resp: 1180837
 Ion Ratio Lower Upper
 169 100
 168 68.9 53.8 80.6
 167 38.2 29.8 44.8



#66
 4-Bromophenyl-phenylether
 Concen: 42.15 ng
 RT: 11.07 min Scan# 764
 Delta R.T. -0.02 min
 Lab File: BF090456.D
 Acq: 7 Oct 2016 21:02

Tgt Ion:248 Resp: 338150
 Ion Ratio Lower Upper
 248 100
 250 97.1 76.5 114.7
 141 114.6 59.8 89.6#





#67

Hexachlorobenzene

Concen: 39.93 ng

RT: 11.14 min Scan# 770

Delta R.T. -0.02 min

Lab File: BF090456.D

Acq: 7 Oct 2016 21:02

Instrument :

BNA_F

ClientSampleId :

PB93841BS

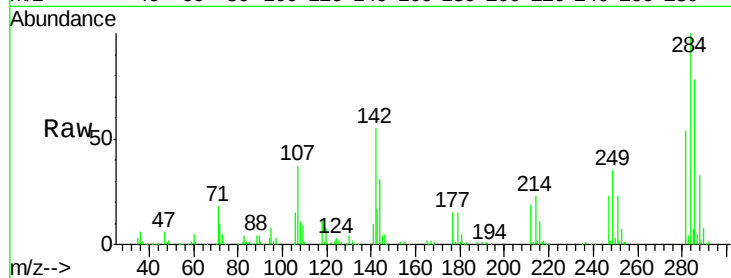
Tgt Ion:284 Resp: 356667

Ion Ratio Lower Upper

284 100

142 54.7 23.1 34.7#

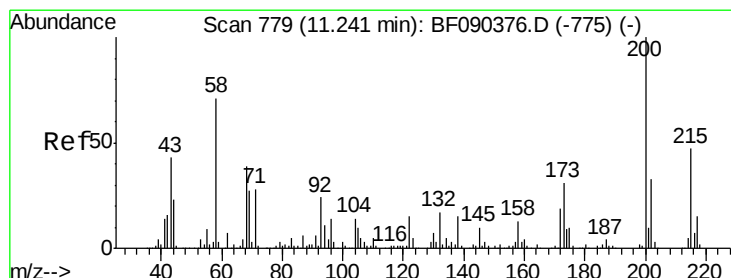
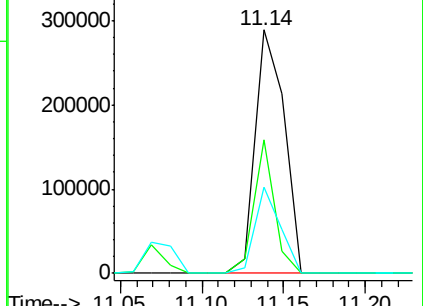
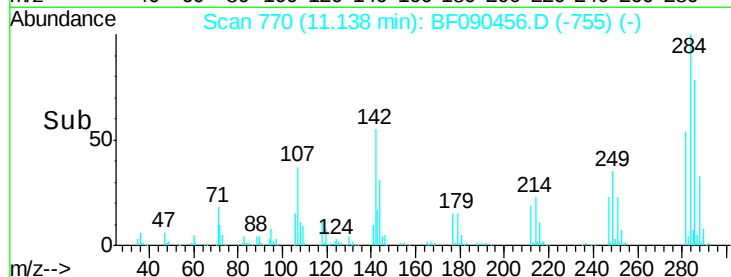
249 35.4 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 47.26 ng

RT: 11.23 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF090456.D

Acq: 7 Oct 2016 21:02

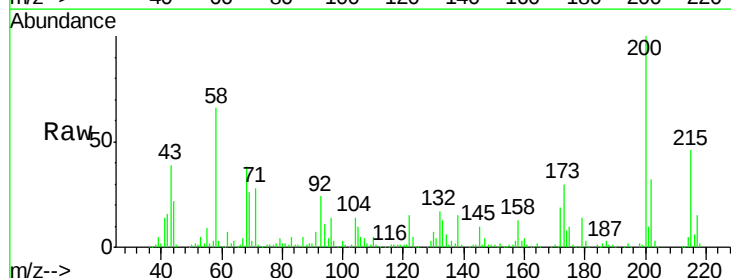
Tgt Ion:200 Resp: 319585

Ion Ratio Lower Upper

200 100

173 30.3 9.0 49.0

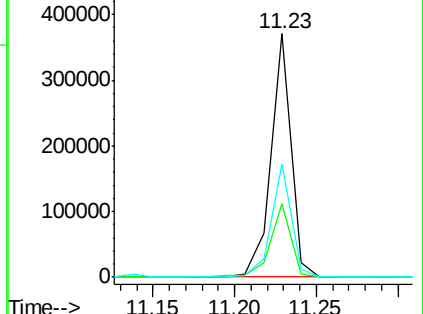
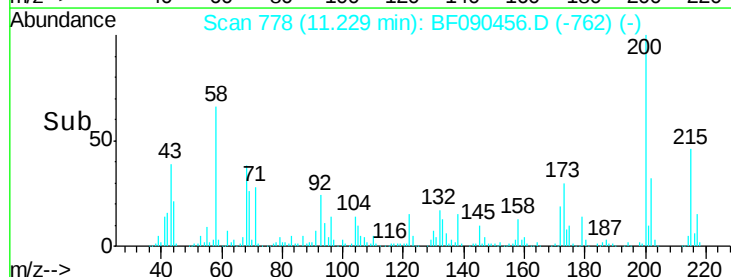
215 46.2 24.8 64.8

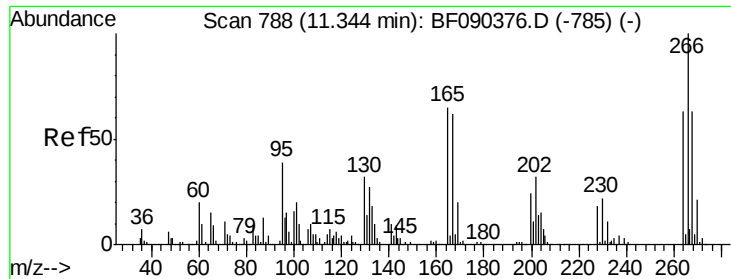


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

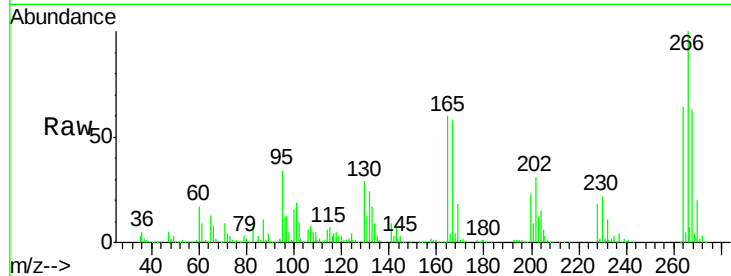




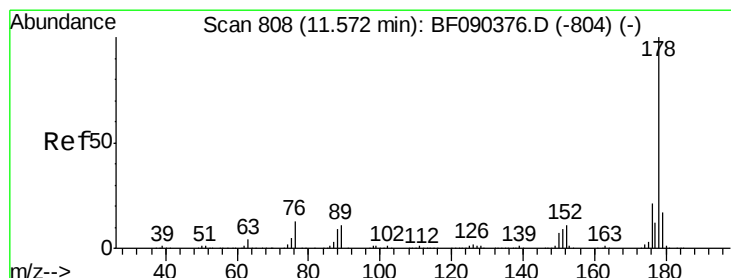
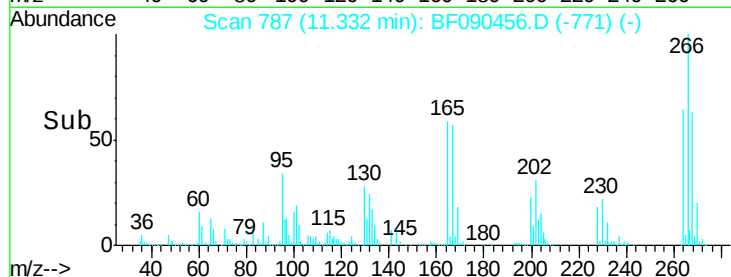
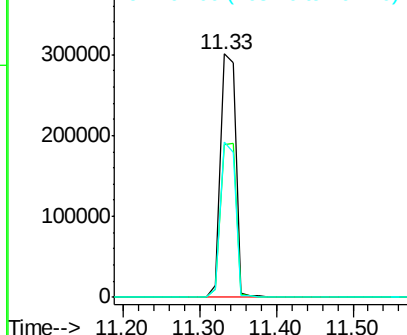
#69
 Pentachlorophenol
 Concen: 79.93 ng
 RT: 11.33 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF090456.D
 Acq: 7 Oct 2016 21:02

Instrument :
 BNA_F
 ClientSampleId :
 PB93841BS

Tgt Ion:266 Resp: 425013
 Ion Ratio Lower Upper
 266 100
 268 62.6 50.9 76.3
 264 63.7 51.5 77.3

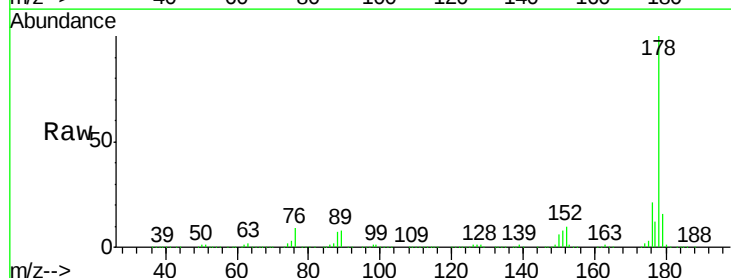


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

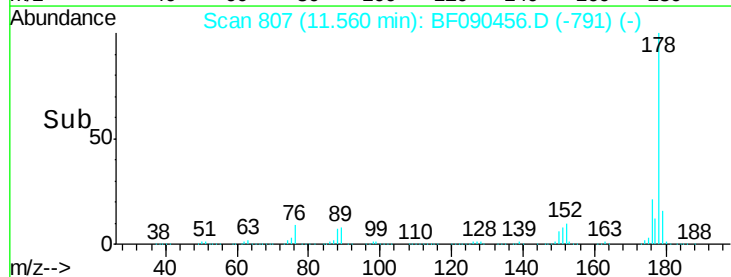
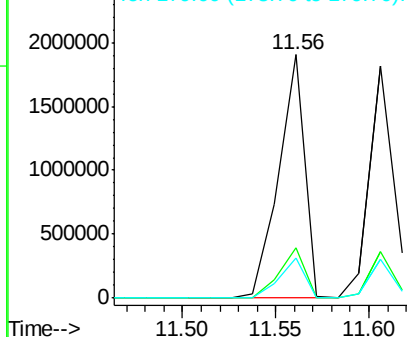


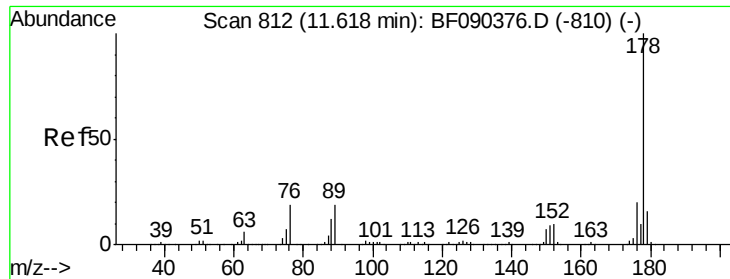
#70
 Phenanthrene
 Concen: 44.18 ng
 RT: 11.56 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF090456.D
 Acq: 7 Oct 2016 21:02

Tgt Ion:178 Resp: 1851386
 Ion Ratio Lower Upper
 178 100
 176 20.8 17.3 25.9
 179 16.4 13.8 20.6



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

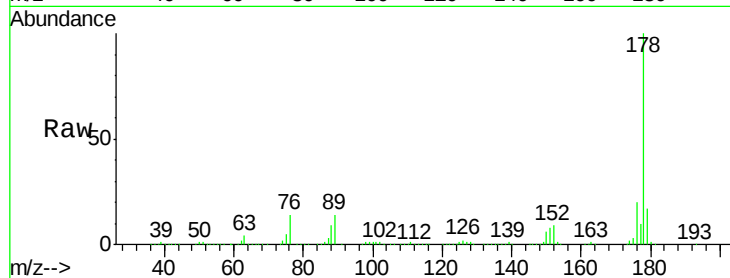




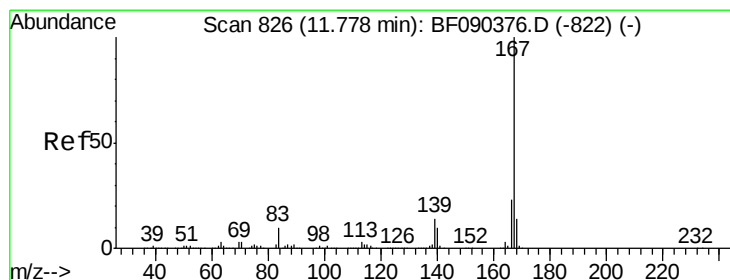
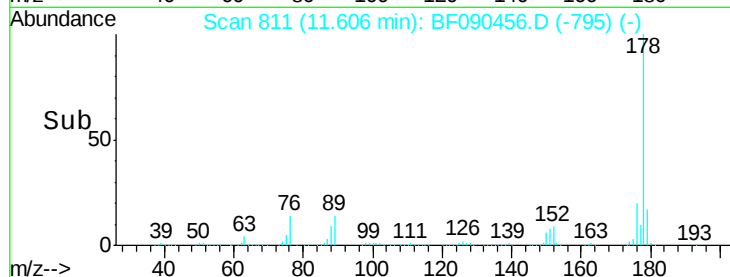
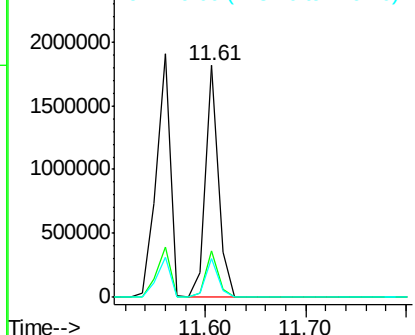
#71
 Anthracene
 Concen: 37.98 ng
 RT: 11.61 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF090456.D
 Acq: 7 Oct 2016 21:02

Instrument :
 BNA_F
 ClientSampleId :
 PB93841BS

Tgt Ion:178 Resp: 1625246
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.8 25.2
 179 16.6 13.4 20.2

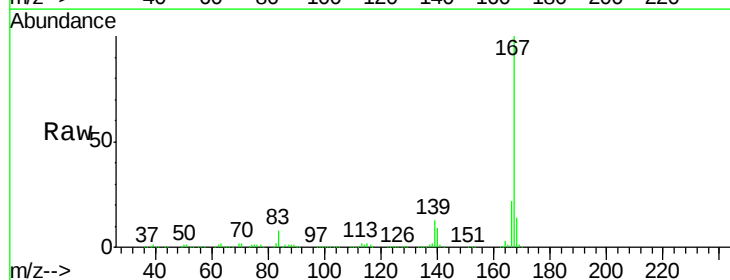


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

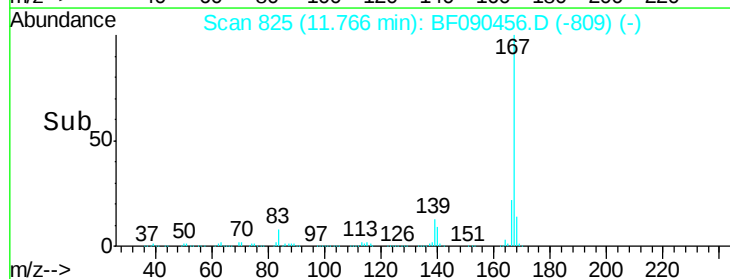
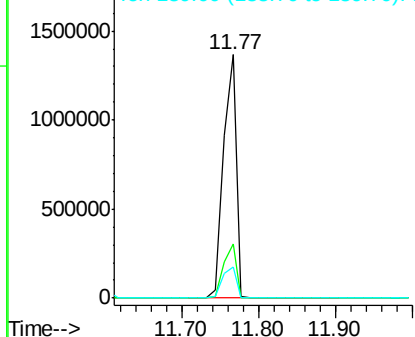


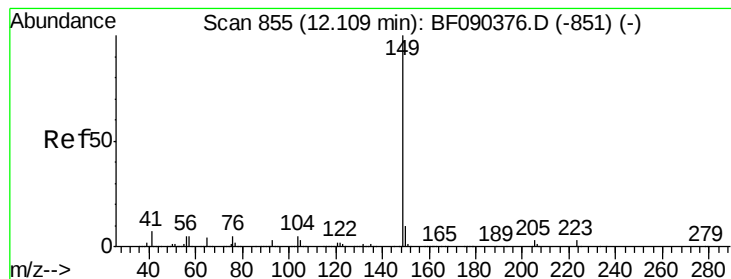
#72
 Carbazole
 Concen: 40.42 ng
 RT: 11.77 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF090456.D
 Acq: 7 Oct 2016 21:02

Tgt Ion:167 Resp: 1606792
 Ion Ratio Lower Upper
 167 100
 166 22.4 19.1 28.7
 139 12.6 12.1 18.1



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.32 ng

RT: 12.10 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF090456.D

Acq: 7 Oct 2016 21:02

Instrument :

BNA_F

ClientSampleId :

PB93841BS

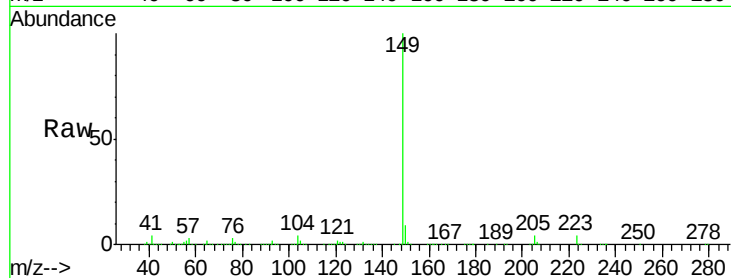
Tgt Ion:149 Resp: 2095775

Ion Ratio Lower Upper

149 100

150 9.4 8.6 12.8

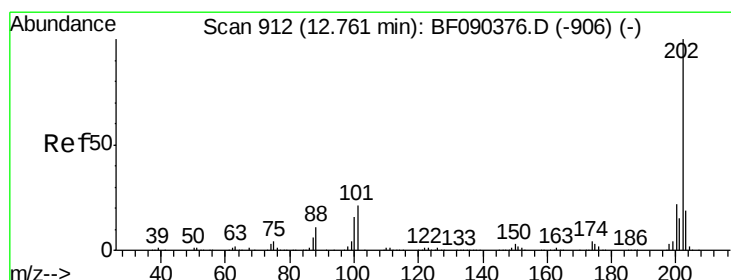
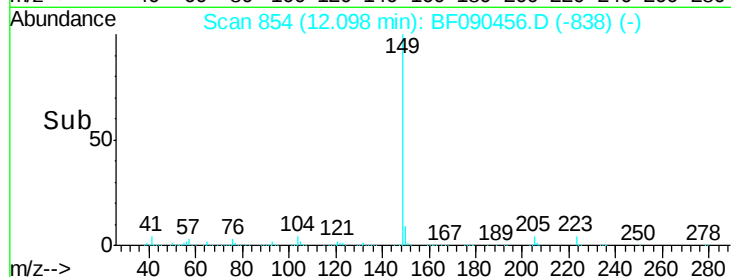
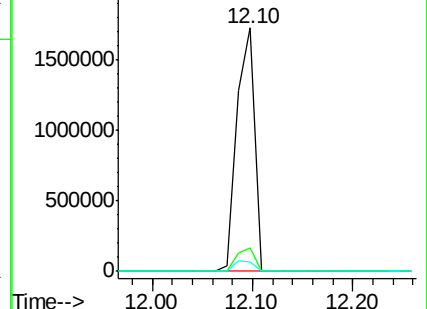
104 3.7 4.7 7.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.95 ng

RT: 12.75 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF090456.D

Acq: 7 Oct 2016 21:02

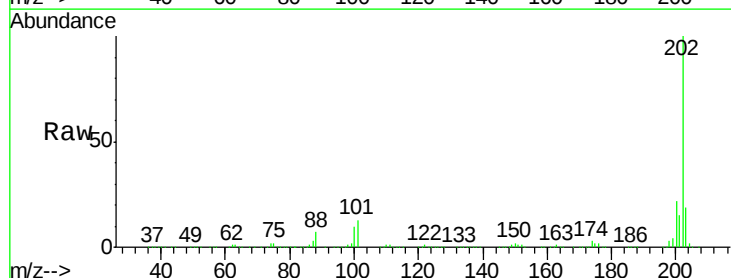
Tgt Ion:202 Resp: 1601016

Ion Ratio Lower Upper

202 100

101 13.2 0.0 37.2

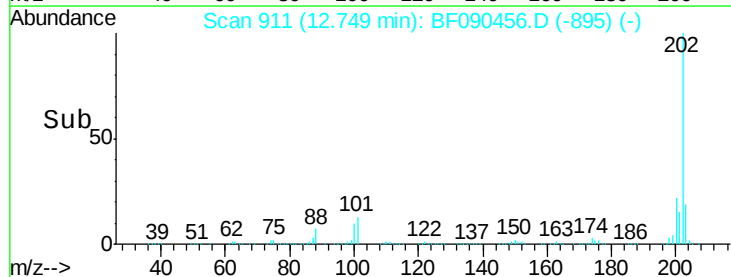
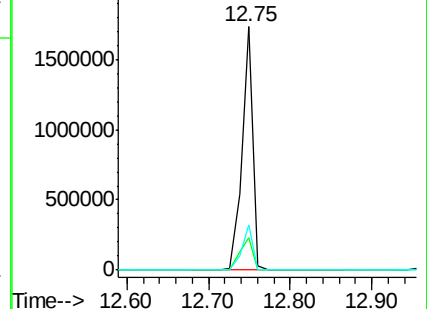
203 18.5 0.0 39.3

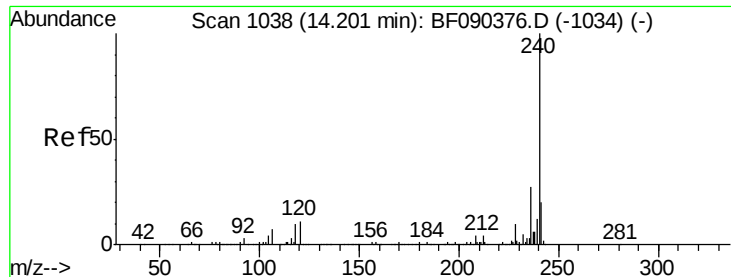


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

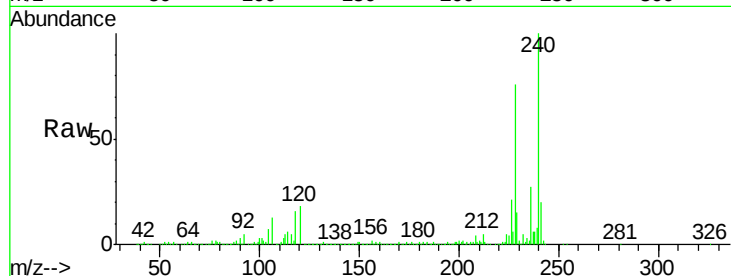




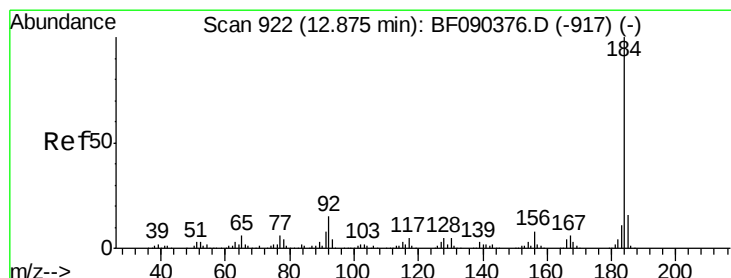
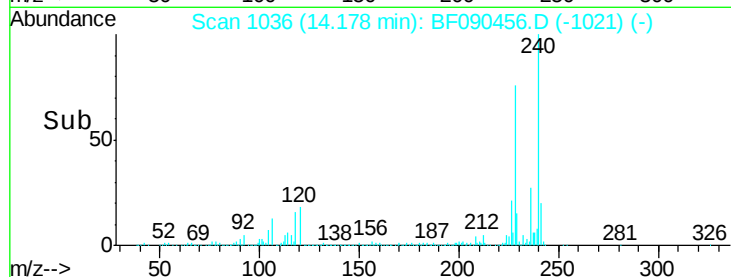
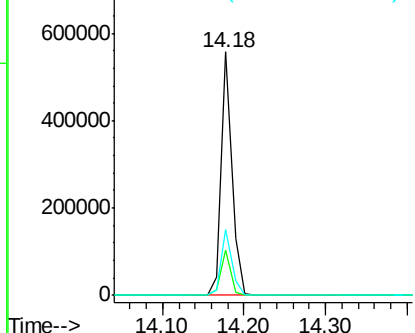
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.18 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF090456.D
Acq: 7 Oct 2016 21:02

Instrument :
BNA_F
ClientSampleId :
PB93841BS

Tgt Ion:240 Resp: 506470
Ion Ratio Lower Upper
240 100
120 18.5 8.6 13.0#
236 27.1 21.6 32.4

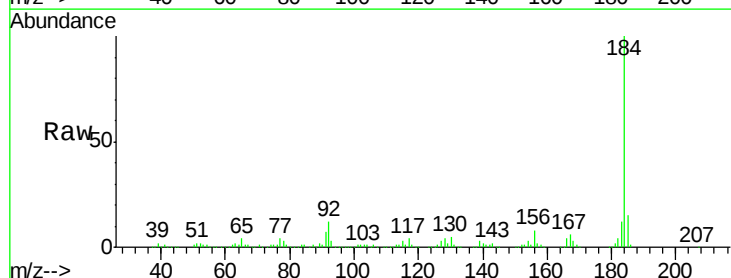


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

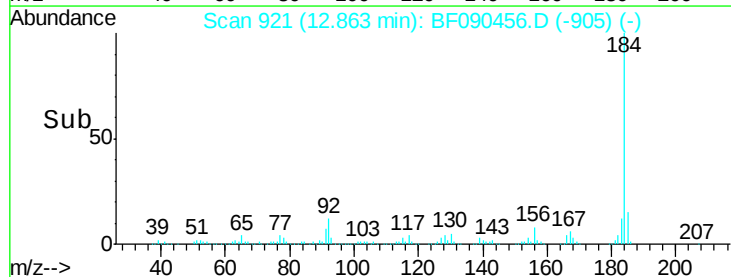
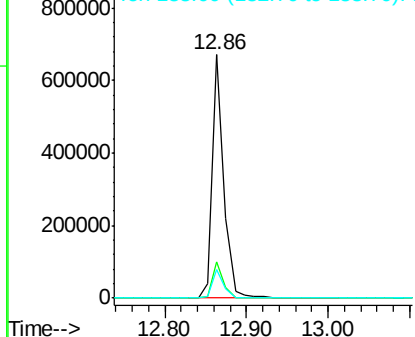


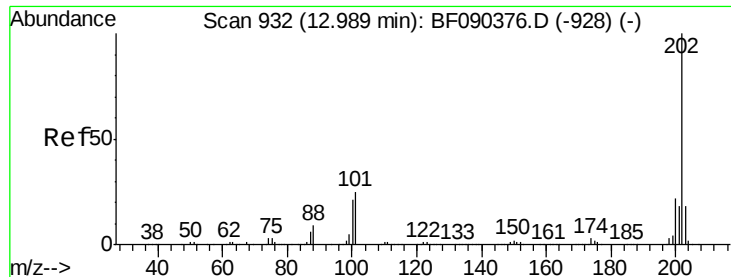
#76
Benzidine
Concen: 50.31 ng
RT: 12.86 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF090456.D
Acq: 7 Oct 2016 21:02

Tgt Ion:184 Resp: 669954
Ion Ratio Lower Upper
184 100
185 14.8 11.8 17.8
183 11.8 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

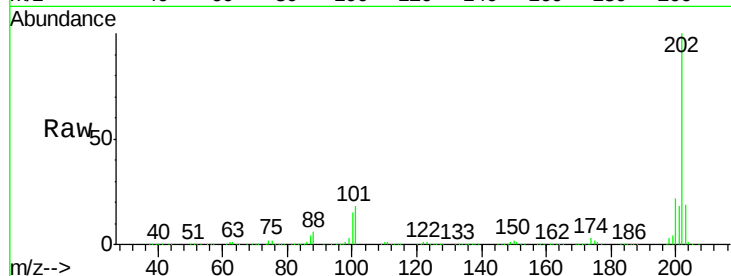




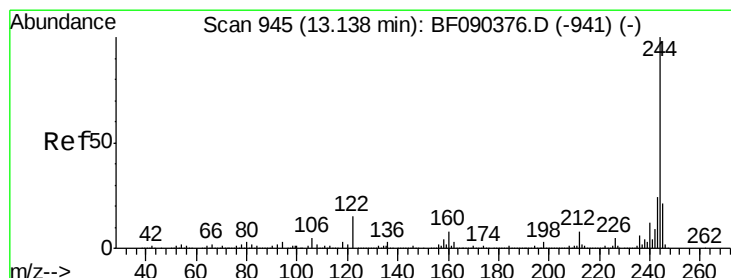
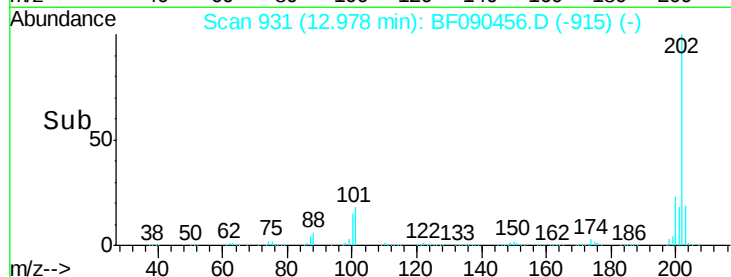
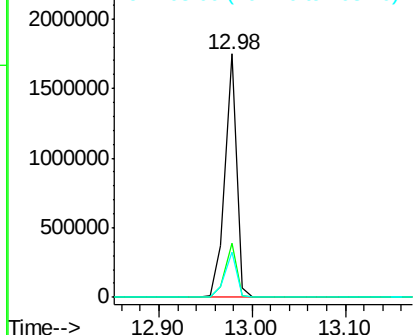
#77
 Pyrene
 Concen: 44.82 ng
 RT: 12.98 min Scan# 931
 Delta R.T. -0.01 min
 Lab File: BF090456.D
 Acq: 7 Oct 2016 21:02

Instrument :
 BNA_F
 ClientSampleId :
 PB93841BS

Tgt Ion: 202 Resp: 1513454
 Ion Ratio Lower Upper
 202 100
 200 22.5 18.5 27.7
 203 18.5 15.0 22.6

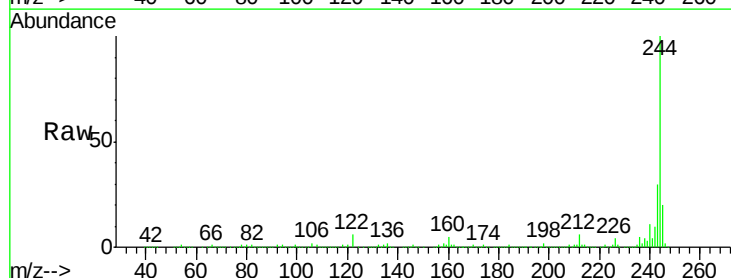


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

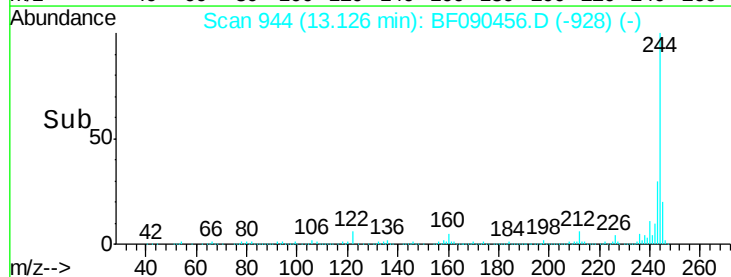
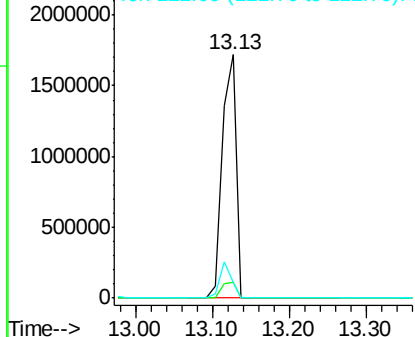


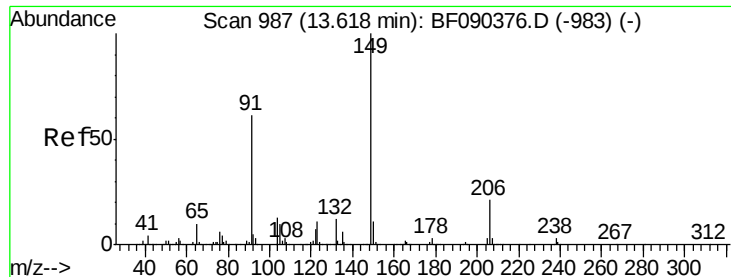
#78
 Terphenyl-d14
 Concen: 96.87 ng
 RT: 13.13 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BF090456.D
 Acq: 7 Oct 2016 21:02

Tgt Ion: 244 Resp: 2182265
 Ion Ratio Lower Upper
 244 100
 212 6.2 6.8 10.2#
 122 6.4 13.3 19.9#



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

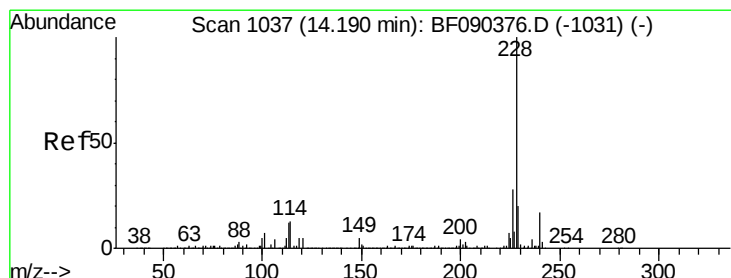
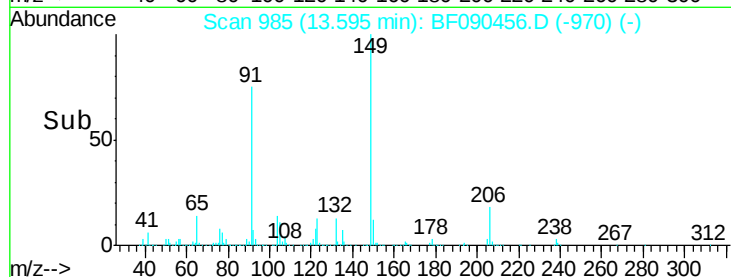
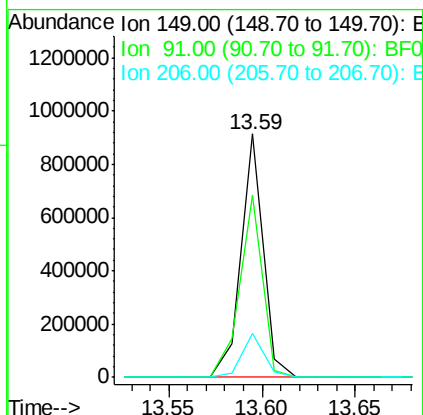
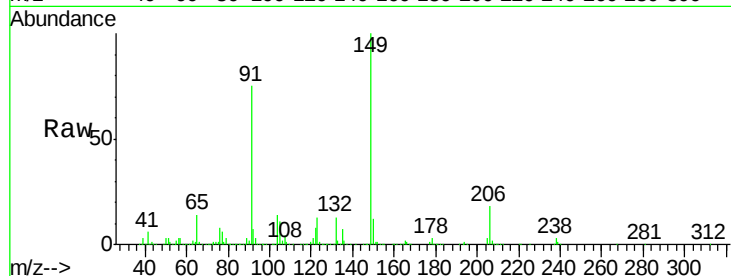




#79
Butylbenzylphthalate
Concen: 44.16 ng
RT: 13.59 min Scan# 985
Delta R.T. -0.02 min
Lab File: BF090456.D
Acq: 7 Oct 2016 21:02

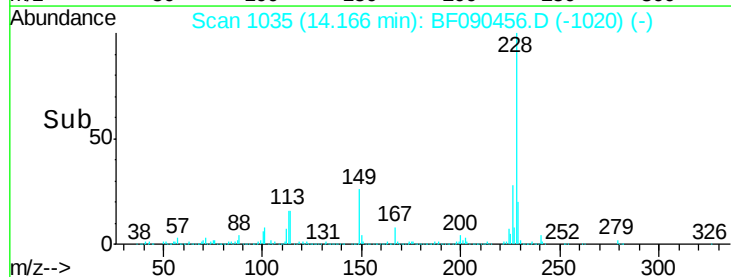
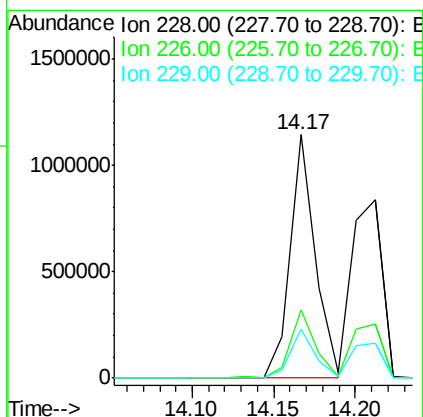
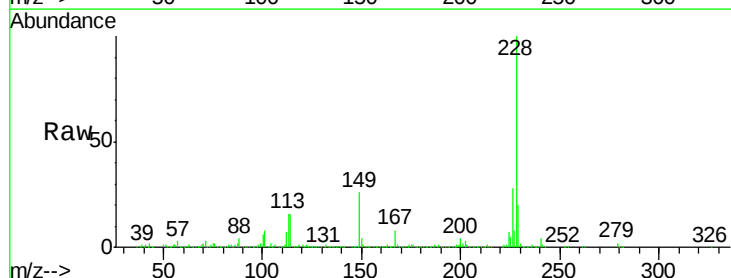
Instrument :
BNA_F
ClientSampleId :
PB93841BS

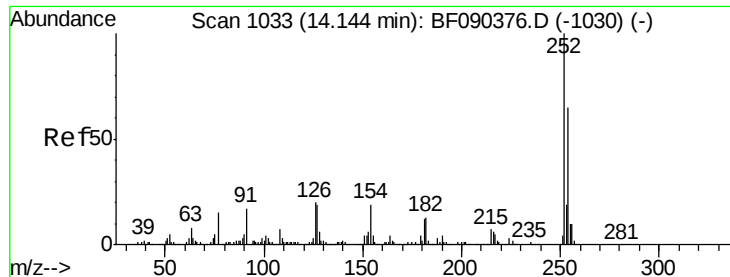
Tgt Ion:149 Resp: 765256
Ion Ratio Lower Upper
149 100
91 75.1 51.8 77.8
206 18.0 18.0 27.0#



#80
Benzo(a)anthracene
Concen: 43.35 ng
RT: 14.17 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BF090456.D
Acq: 7 Oct 2016 21:02

Tgt Ion:228 Resp: 1231841
Ion Ratio Lower Upper
228 100
226 27.8 23.6 35.4
229 20.4 16.6 25.0

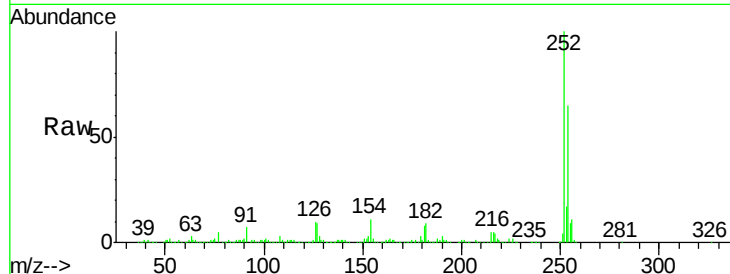




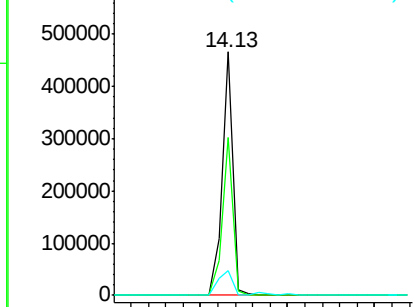
#81
 3,3'-Dichlorobenzidine
 Concen: 39.41 ng
 RT: 14.13 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF090456.D
 Acq: 7 Oct 2016 21:02

Instrument :
 BNA_F
 ClientSampleId :
 PB93841BS

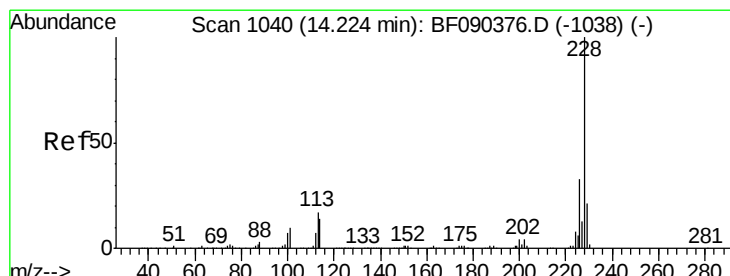
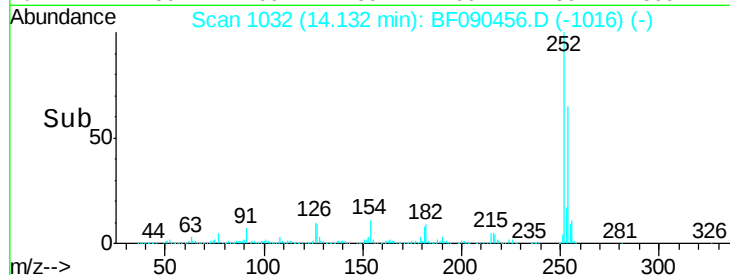
Tgt Ion:252 Resp: 406059
 Ion Ratio Lower Upper
 252 100
 254 64.6 52.1 78.1
 126 9.9 4.2 6.4#



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

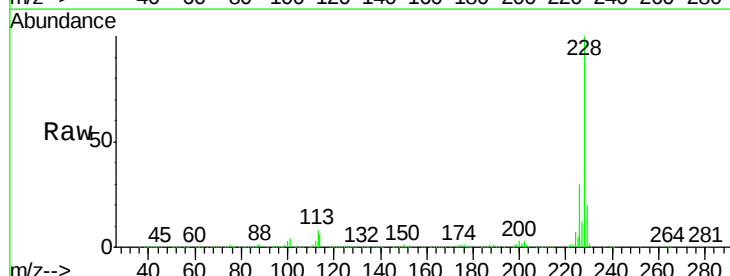


Time-->

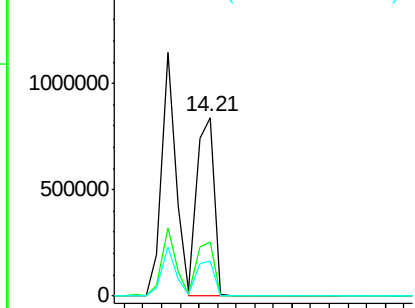


#82
 Chrysene
 Concen: 42.10 ng
 RT: 14.21 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF090456.D
 Acq: 7 Oct 2016 21:02

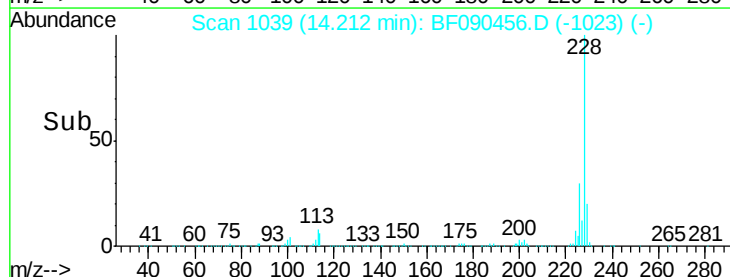
Tgt Ion:228 Resp: 1101031
 Ion Ratio Lower Upper
 228 100
 226 30.4 25.8 38.6
 229 19.9 16.9 25.3

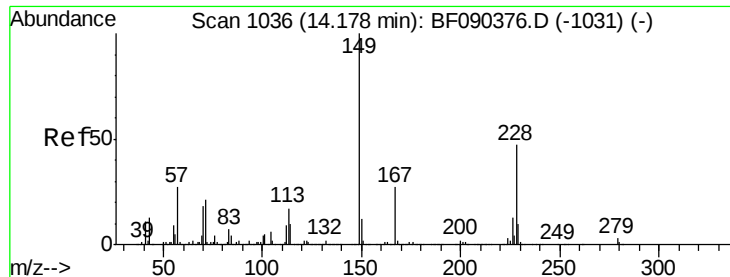


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E



Time-->

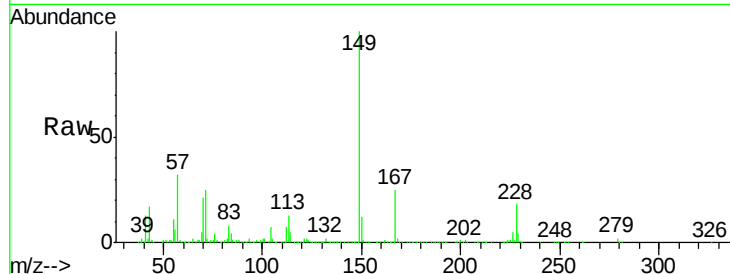




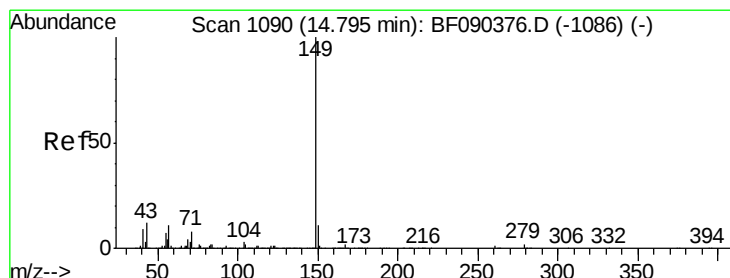
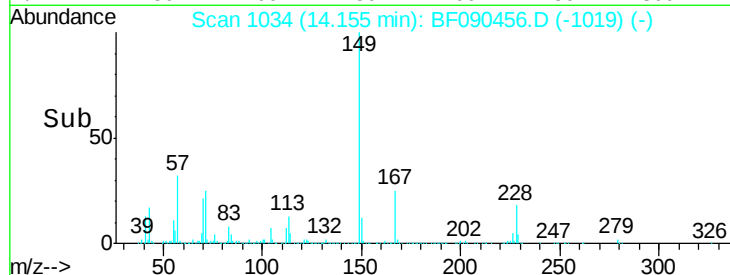
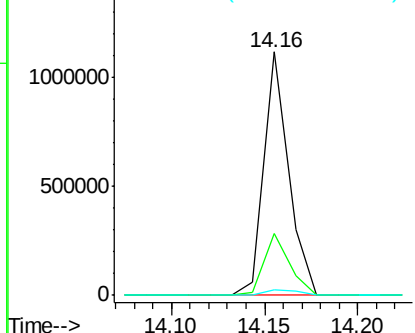
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.30 ng
 RT: 14.16 min Scan# 1034
 Delta R.T. -0.02 min
 Lab File: BF090456.D
 Acq: 7 Oct 2016 21:02

Instrument :
 BNA_F
 ClientSampleId :
 PB93841BS

Tgt Ion:149 Resp: 1017147
 Ion Ratio Lower Upper
 149 100
 167 25.2 21.5 32.3
 279 2.1 2.6 3.8#

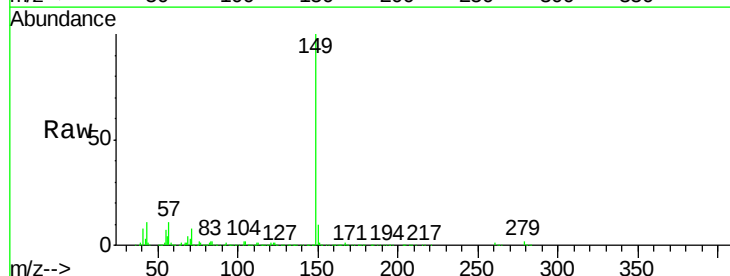


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

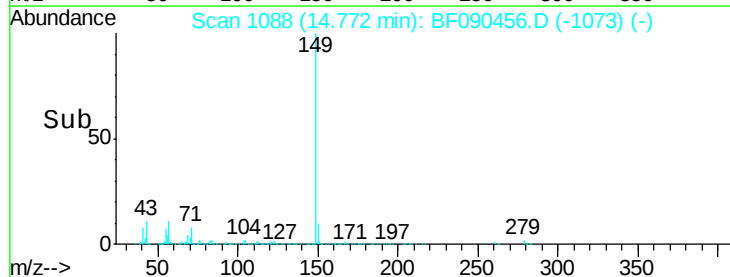
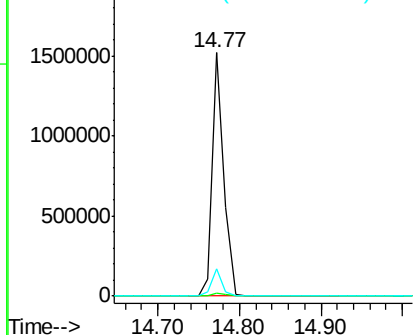


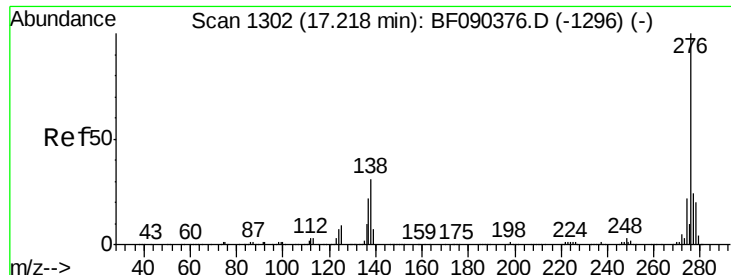
#84
 Di-n-octyl phthalate
 Concen: 41.32 ng
 RT: 14.77 min Scan# 1088
 Delta R.T. -0.02 min
 Lab File: BF090456.D
 Acq: 7 Oct 2016 21:02

Tgt Ion:149 Resp: 1509015
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 10.2 11.8 17.8#



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





#85

Indeno(1,2,3-cd)pyrene

Concen: 51.41 ng

RT: 17.18 min Scan# 1299

Delta R.T. -0.03 min

Lab File: BF090456.D

Acq: 7 Oct 2016 21:02

Instrument :

BNA_F

ClientSampleId :

PB93841BS

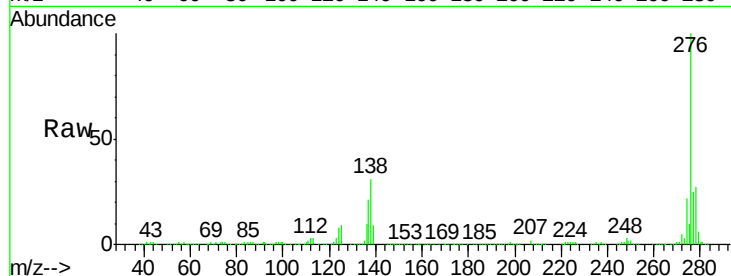
Tgt Ion:276 Resp: 958581

Ion Ratio Lower Upper

276 100

138 34.2 23.8 35.8

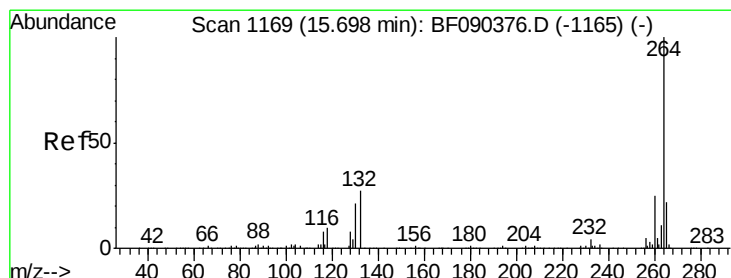
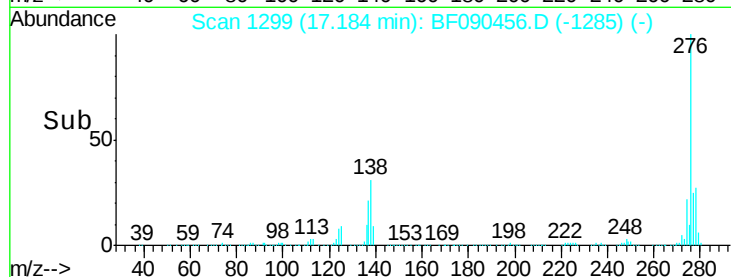
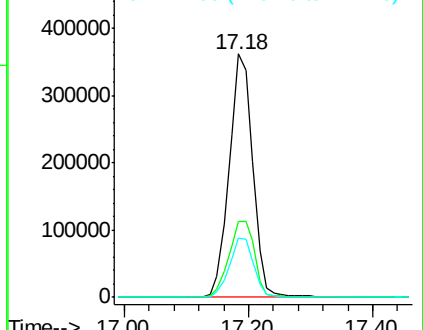
277 25.2 20.4 30.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.68 min Scan# 1167

Delta R.T. -0.02 min

Lab File: BF090456.D

Acq: 7 Oct 2016 21:02

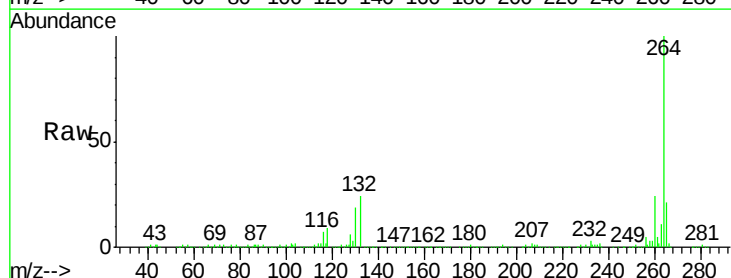
Tgt Ion:264 Resp: 426673

Ion Ratio Lower Upper

264 100

260 24.2 19.3 28.9

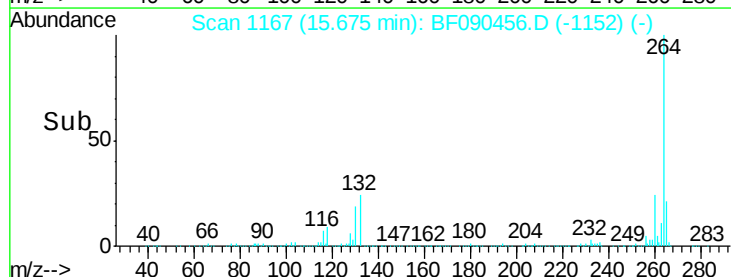
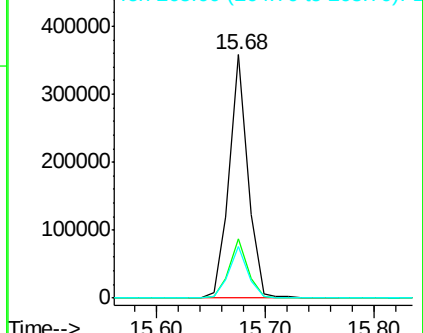
265 21.2 17.4 26.0

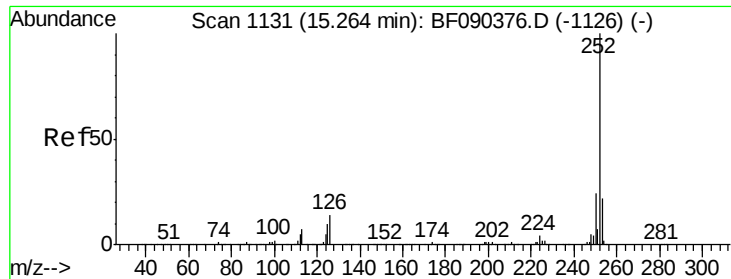


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 41.92 ng

RT: 15.24 min Scan# 1129

Delta R.T. -0.02 min

Lab File: BF090456.D

Acq: 7 Oct 2016 21:02

Instrument :

BNA_F

ClientSampleId :

PB93841BS

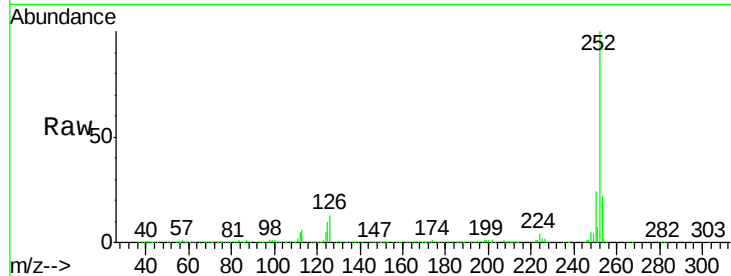
Tgt Ion:252 Resp: 1139365

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

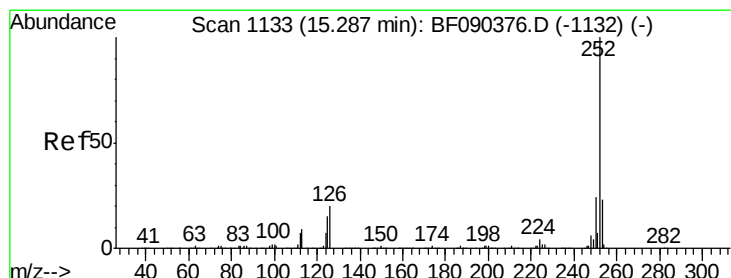
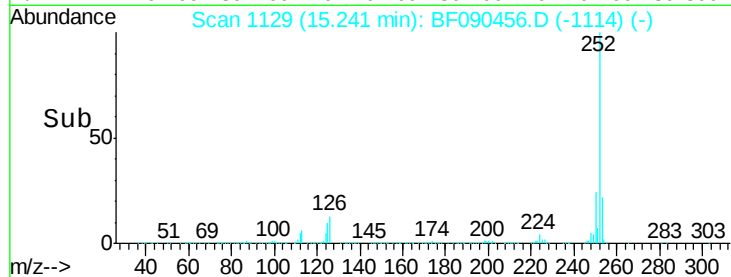
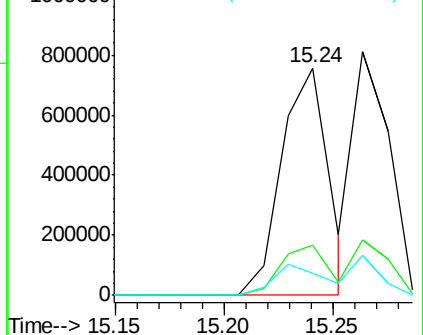
125 10.0 7.0 10.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 44.63 ng

RT: 15.24 min Scan# 1129

Delta R.T. -0.05 min

Lab File: BF090456.D

Acq: 7 Oct 2016 21:02

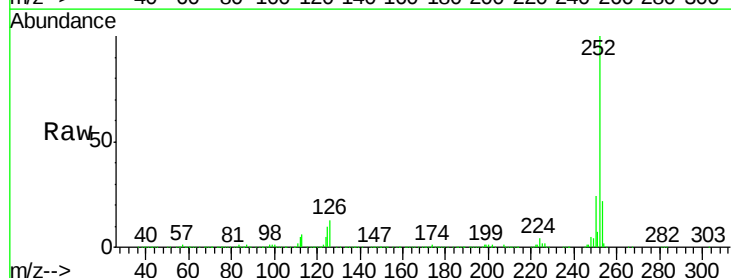
Tgt Ion:252 Resp: 1139365

Ion Ratio Lower Upper

252 100

253 22.2 18.6 27.8

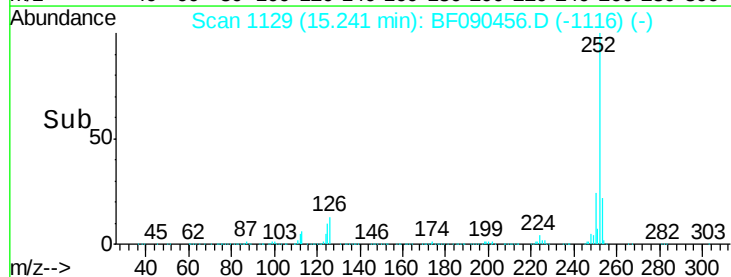
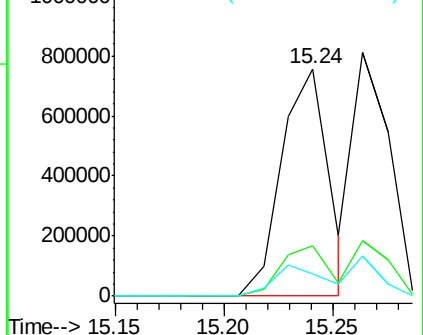
125 10.0 11.7 17.5#

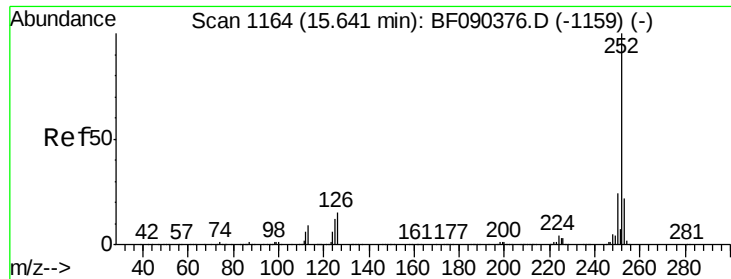


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 42.84 ng

RT: 15.62 min Scan# 1162

Delta R.T. -0.02 min

Lab File: BF090456.D

Acq: 7 Oct 2016 21:02

Instrument :

BNA_F

ClientSampleId :

PB93841BS

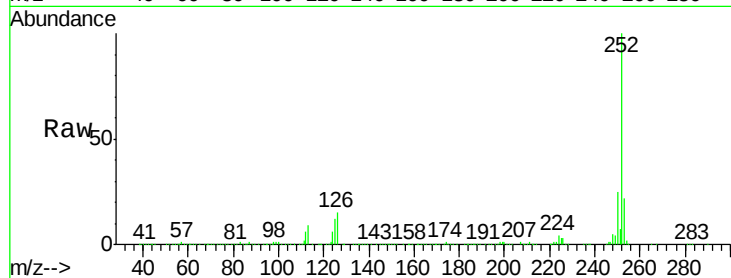
Tgt Ion: 252 Resp: 1003636

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.4

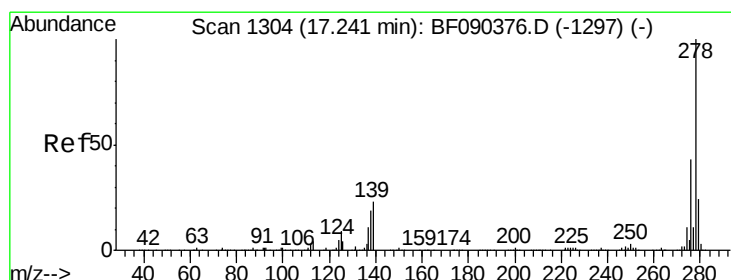
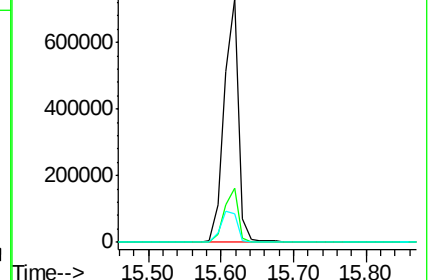
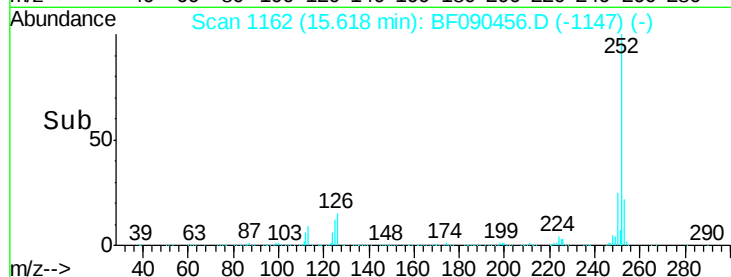
125 12.0 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.59 ng

RT: 17.21 min Scan# 1301

Delta R.T. -0.03 min

Lab File: BF090456.D

Acq: 7 Oct 2016 21:02

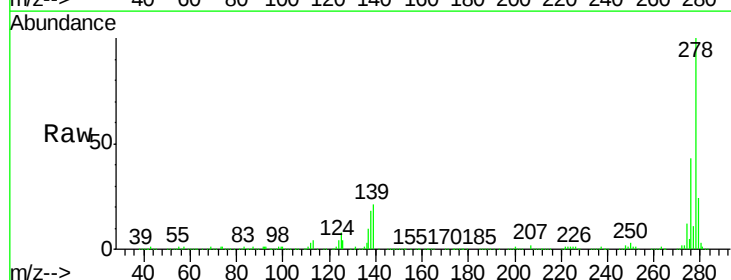
Tgt Ion: 278 Resp: 828792

Ion Ratio Lower Upper

278 100

139 20.5 12.8 19.2#

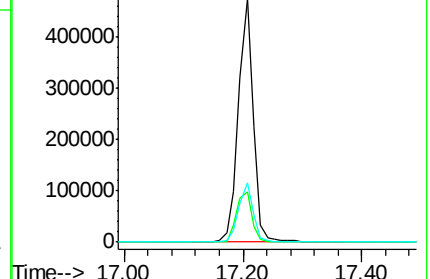
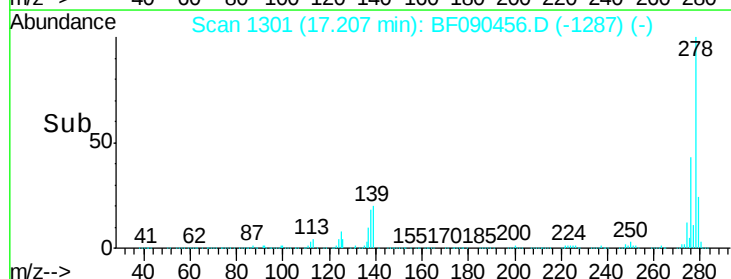
279 24.5 19.6 29.4

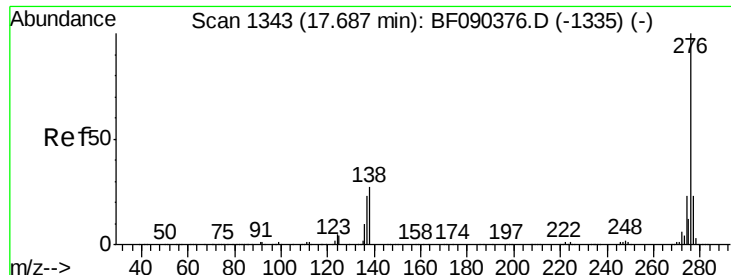


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 38.48 ng

RT: 17.64 min Scan# 1339

Delta R.T. -0.05 min

Lab File: BF090456.D

Acq: 7 Oct 2016 21:02

Instrument :

BNA_F

ClientSampleId :

PB93841BS

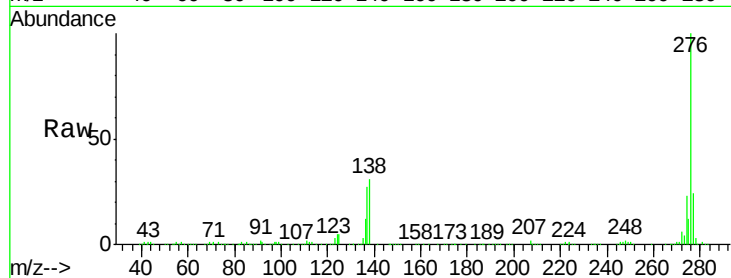
Tgt Ion: 276 Resp: 735993

Ion Ratio Lower Upper

276 100

277 23.7 19.4 29.0

138 31.0 20.8 31.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

