

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100416\
 Data File : BF090341.D
 Acq On : 4 Oct 2016 13:51
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 04 14:17:03 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 04 14:16:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	231239	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	906681	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	440228	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	620111	20.00	ng	0.00
75) Chrysene-d12	14.19	240	502105	20.00	ng	0.00
86) Perylene-d12	15.70	264	396849	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	1263960	86.21	ng	0.00
7) Phenol-d6	6.63	99	1542122	84.15	ng	0.00
23) Nitrobenzene-d5	7.58	82	1419501	91.26	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	303297	79.32	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2155644	79.84	ng	0.00
78) Terphenyl-d14	13.14	244	1712604	79.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	287720	40.21	ng	# 89
3) Pyridine	3.47	79	778882	41.06	ng	# 85
4) n-Nitrosodimethylamine	3.43	42	292482	42.57	ng	# 52
6) Aniline	6.66	93	1036073	41.15	ng	98
8) 2-Chlorophenol	6.79	128	637107	38.67	ng	94
9) Benzaldehyde	6.56	77	350752	41.23	ng	94
10) Phenol	6.64	94	1011606	45.39	ng	90
11) bis(2-Chloroethyl)ether	6.74	93	696839	44.03	ng	99
12) 1,3-Dichlorobenzene	6.95	146	642943	37.58	ng	# 90
13) 1,4-Dichlorobenzene	7.03	146	711807	40.97	ng	98
14) 1,2-Dichlorobenzene	7.03	146	670323	40.58	ng	97
15) Benzyl Alcohol	7.14	79	498993	38.63	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.29	45	1044834	43.19	ng	92
17) 2-Methylphenol	7.26	107	536128	42.01	ng	96
18) Hexachloroethane	7.53	117	266806	42.44	ng	97
19) n-Nitroso-di-n-propylamine	7.42	70	463165	39.58	ng	# 83
20) 3+4-Methylphenols	7.40	107	642832	39.62	ng	# 88
22) Acetophenone	7.42	105	837772	39.91	ng	# 91
24) Nitrobenzene	7.59	77	656444	39.53	ng	96
25) Isophorone	7.83	82	1175751	39.73	ng	97
26) 2-Nitrophenol	7.91	139	286227	44.66	ng	# 82
27) 2,4-Dimethylphenol	7.94	122	619190	42.83	ng	99
28) bis(2-Chloroethoxy)methane	8.04	93	828665	45.10	ng	99
29) 2,4-Dichlorophenol	8.15	162	501556	42.37	ng	94
30) 1,2,4-Trichlorobenzene	8.24	180	540788	40.79	ng	99
31) Naphthalene	8.32	128	1717661	39.64	ng	98
32) Benzoic acid	8.04	122	382977	41.95	ng	92
33) 4-Chloroaniline	8.36	127	764661	44.17	ng	# 90
34) Hexachlorobutadiene	8.44	225	314418	40.29	ng	99
35) Caprolactam	8.72	113	131506	42.48	ng	89
36) 4-Chloro-3-methylphenol	8.83	107	507814	39.95	ng	97
37) 2-Methylnaphthalene	9.02	142	1107836	40.73	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	465193	37.44	ng	# 98
40) Hexachlorocyclopentadiene	9.18	237	279955	37.03	ng	97

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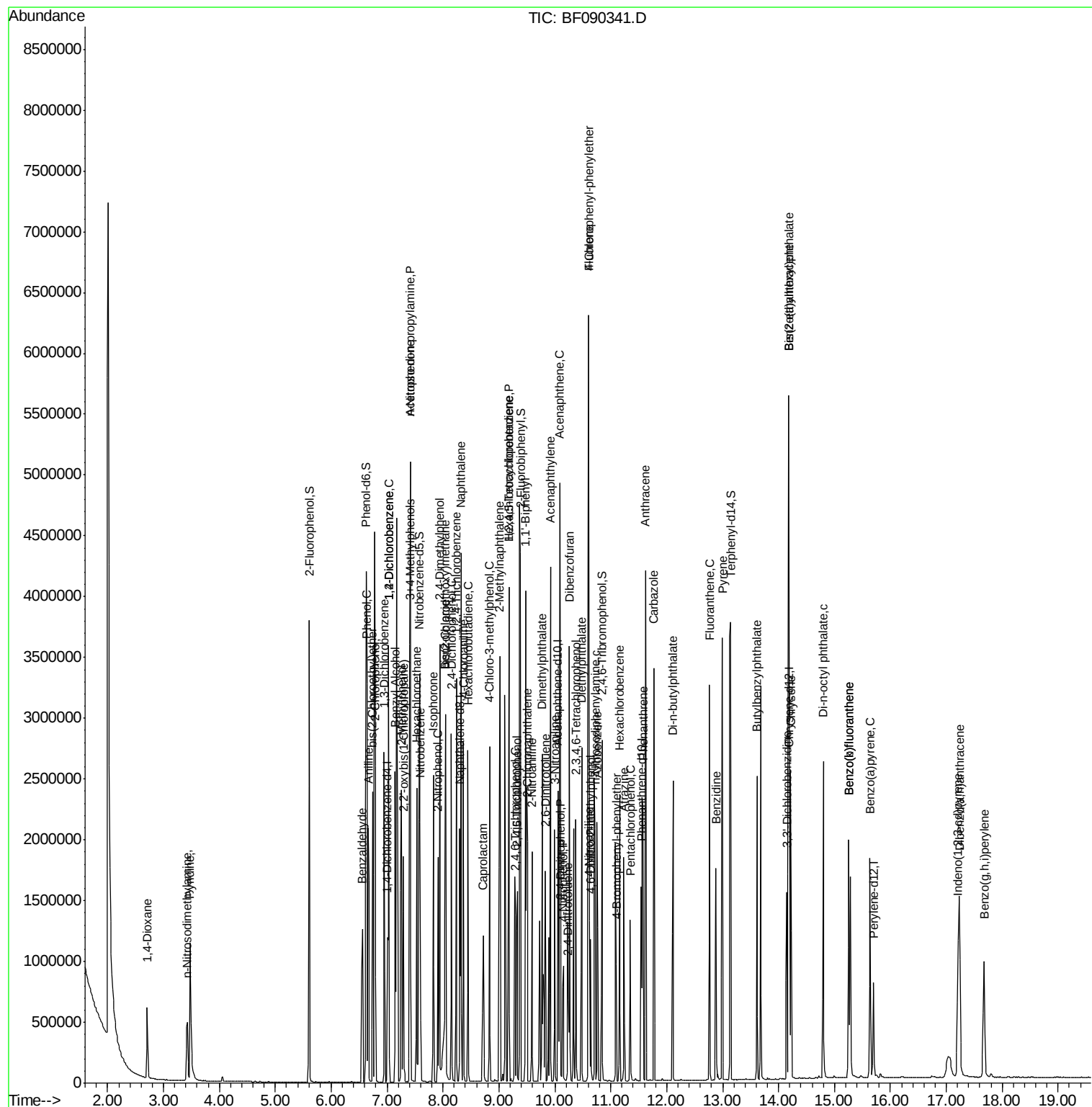
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	312265	39.95	nq	99
43) 2,4,5-Trichlorophenol	9.32	196	323806	41.17	nq	# 86
45) 1,1'-Biphenyl	9.47	154	1281316	37.59	nq	94
46) 2-Chloronaphthalene	9.51	162	976788	38.18	nq	# 90
47) 2-Nitroaniline	9.59	65	304428	43.59	nq	92
48) Acenaphthylene	9.92	152	1601861	41.39	nq	99
49) Dimethylphthalate	9.77	163	988590	37.94	nq	99
50) 2,6-Dinitrotoluene	9.83	165	213241	37.41	nq	92
51) Acenaphthene	10.09	154	949266	40.31	nq	97
52) 3-Nitroaniline	10.00	138	270697	41.92	nq	99
53) 2,4-Dinitrophenol	10.10	184	86008	44.48	nq	# 31
54) Dibenzofuran	10.26	168	1225880	39.36	nq	94
55) 4-Nitrophenol	10.15	139	225623	43.88	nq	# 71
56) 2,4-Dinitrotoluene	10.24	165	272499	39.71	nq	97
57) Fluorene	10.60	166	1005303	38.59	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.38	232	236007	42.55	nq	89
59) Diethylphthalate	10.48	149	1070488	40.19	nq	95
60) 4-Chlorophenyl-phenylether	10.60	204	478054	38.70	nq	# 83
61) 4-Nitroaniline	10.62	138	256028	44.08	nq	78
62) Azobenzene	10.75	77	1040155	37.47	nq	88
64) 4,6-Dinitro-2-methylphenol	10.64	198	114761	42.69	nq	# 83
65) n-Nitrosodiphenylamine	10.72	169	857824	40.57	nq	99
66) 4-Bromophenyl-phenylether	11.10	248	263496	39.32	nq	# 81
67) Hexachlorobenzene	11.15	284	294712	37.42	nq	# 80
68) Atrazine	11.23	200	184605	36.47	nq	97
69) Pentachlorophenol	11.35	266	177838	40.28	nq	98
70) Phenanthrene	11.58	178	1302629	39.16	nq	95
71) Anthracene	11.62	178	1384648	41.69	nq	98
72) Carbazole	11.77	167	1192331	39.06	nq	98
73) Di-n-butylphthalate	12.11	149	1484086	40.68	nq	# 96
74) Fluoranthene	12.77	202	1293230	40.98	nq	93
76) Benzidine	12.88	184	560805	40.62	nq	96
77) Pyrene	12.99	202	1317362	40.98	nq	98
79) Butylbenzylphthalate	13.61	149	525645	41.49	nq	# 75
80) Benzo(a)anthracene	14.18	228	1084840	38.53	nq	98
81) 3,3'-Dichlorobenzidine	14.15	252	388381	40.04	nq	# 98
82) Chrysene	14.22	228	959338	36.36	nq	99
83) Bis(2-ethylhexyl)phthalate	14.18	149	810839	40.00	nq	# 98
84) Di-n-octyl phthalate	14.80	149	1237096	42.01	nq	# 92
85) Indeno(1,2,3-cd)pyrene	17.21	276	1013840	35.76	nq	97
87) Benzo(b)fluoranthene	15.26	252	921490	40.38	nq	# 98
88) Benzo(k)fluoranthene	15.26	252	921490	42.27	nq	# 96
89) Benzo(a)pyrene	15.63	252	850498	40.86	nq	98
90) Dibenzo(a,h)anthracene	17.23	278	840218	41.16	nq	# 94
91) Benzo(g,h,i)perylene	17.68	276	824486	41.24	nq	98

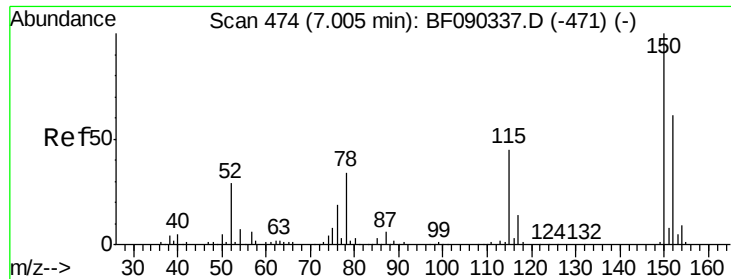
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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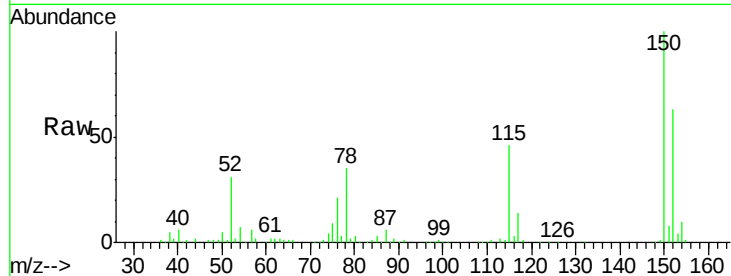


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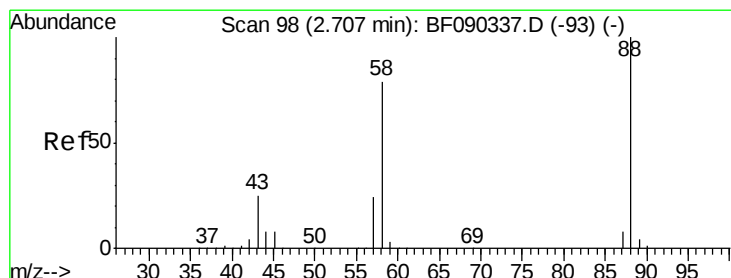
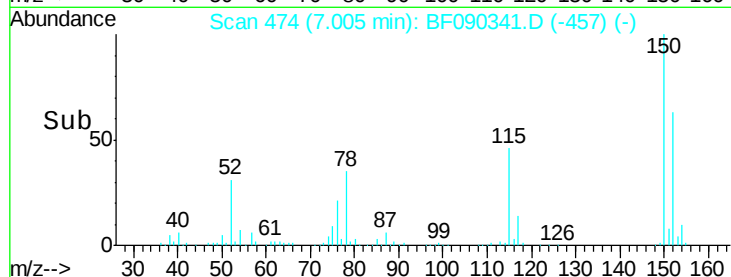
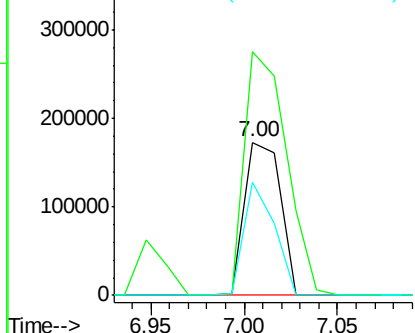
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.00 min Scan# 474
Delta R.T. 0.00 min
Lab File: BF090341.D
Acq: 4 Oct 2016 13:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 231239
Ion Ratio Lower Upper
152 100
150 159.0 124.6 186.8
115 73.5 46.2 69.4#



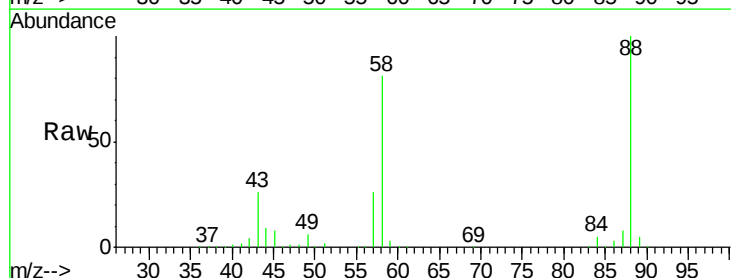
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



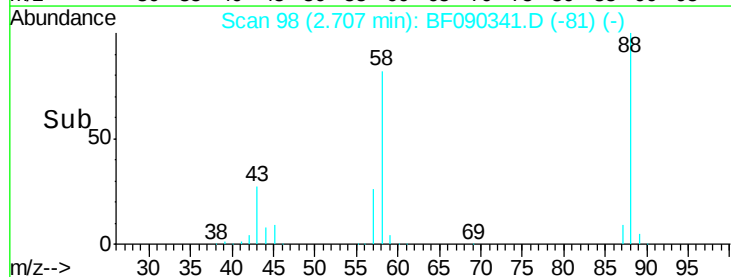
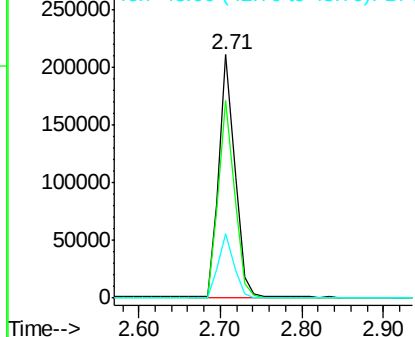
#2

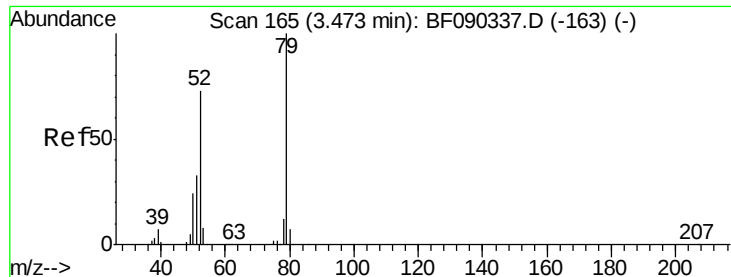
1,4-Dioxane
Concen: 40.21 ng
RT: 2.71 min Scan# 98
Delta R.T. 0.00 min
Lab File: BF090341.D
Acq: 4 Oct 2016 13:51

Tgt Ion: 88 Resp: 287720
Ion Ratio Lower Upper
88 100
58 82.0 71.2 106.8
43 26.2 29.8 44.6#



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





#3

Pvridine

Concen: 41.06 ng

RT: 3.47 min Scan# 165

Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

Instrument :

BNA_F

ClientSampleId :

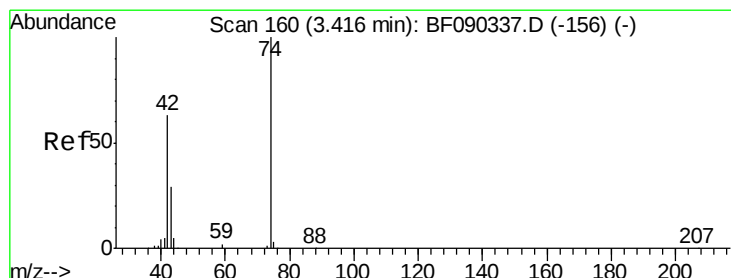
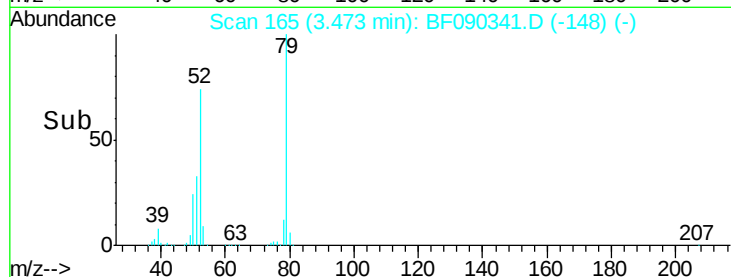
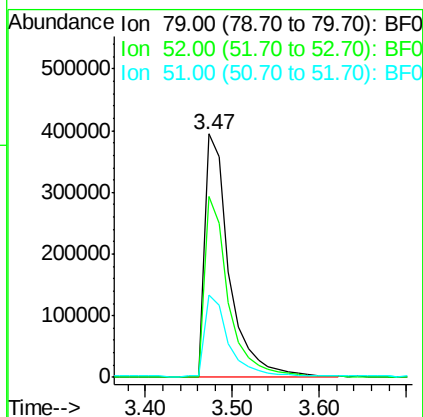
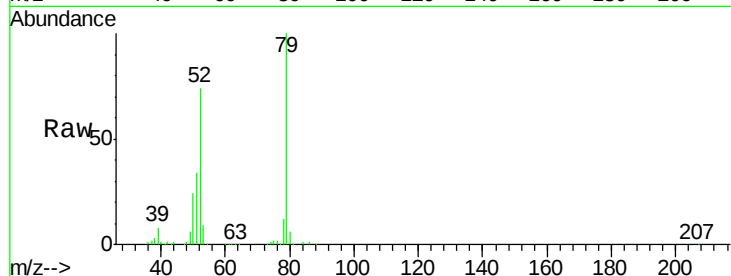
Tot Ion: 79 Resp: 778882

Ion Ratio Lower Upper

79 100

52 74.5 71.3 106.9

51 33.7 34.5 51.7#



#4

n-Nitrosodimethylamine

Concen: 42.57 ng

RT: 3.43 min Scan# 161

Delta R.T. 0.01 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

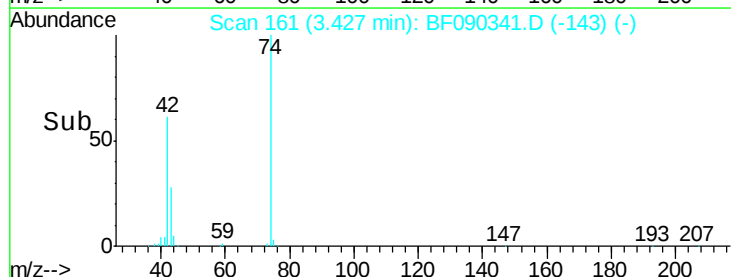
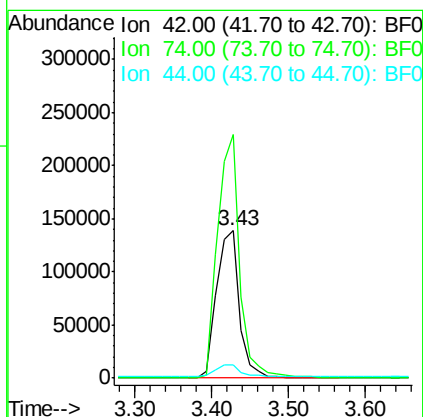
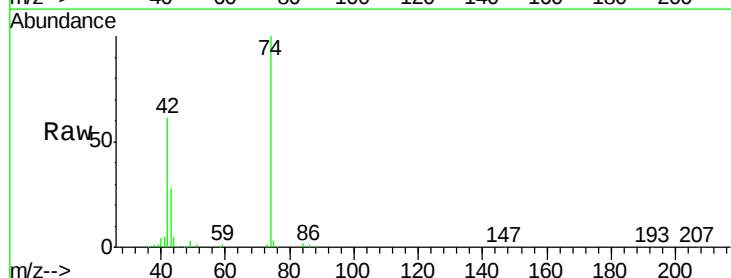
Tgt Ion: 42 Resp: 292482

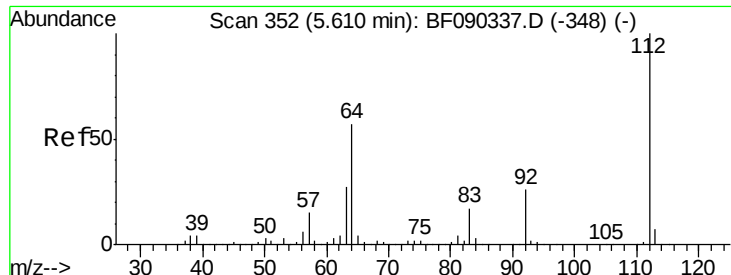
Ion Ratio Lower Upper

42 100

74 165.0 88.9 133.3#

44 9.1 6.5 9.7





#5

2-Fluorophenol

Concen: 86.21 ng

RT: 5.61 min Scan# 352

Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

Instrument :

BNA_F

ClientSampled :

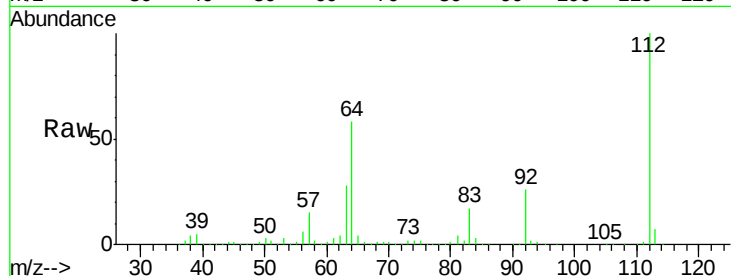
Tot Ion:112 Resp: 1263960

Ion Ratio Lower Upper

112 100

64 58.0 57.9 86.9

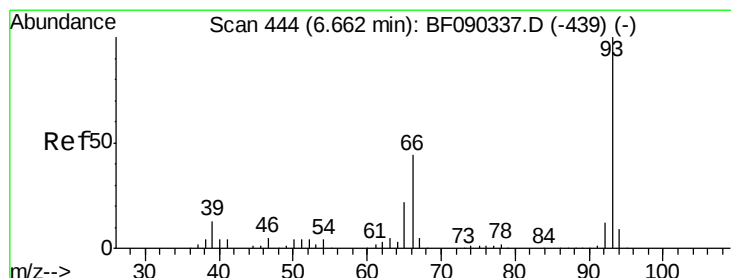
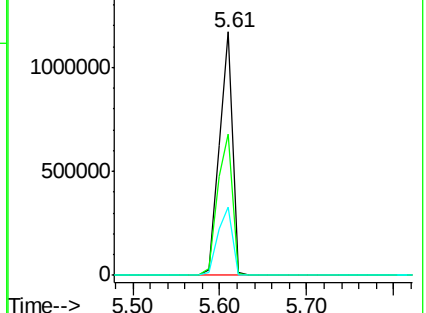
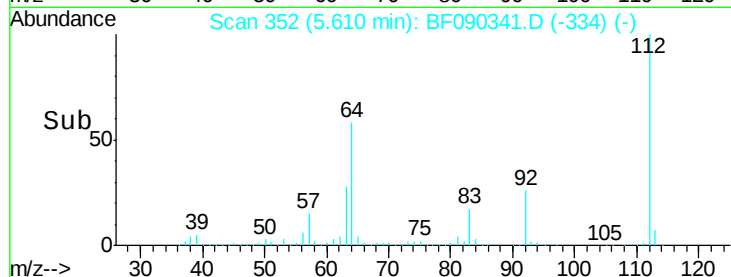
63 27.8 29.6 44.4#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 41.15 ng

RT: 6.66 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

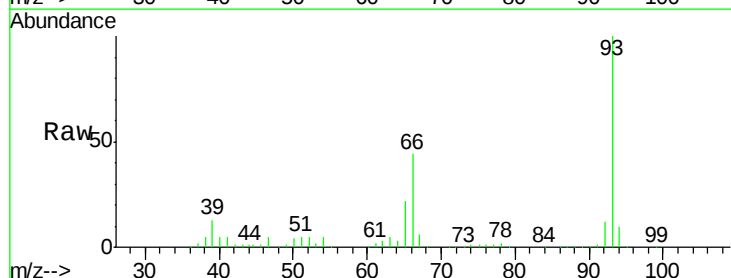
Tgt Ion: 93 Resp: 1036073

Ion Ratio Lower Upper

93 100

66 44.4 34.5 51.7

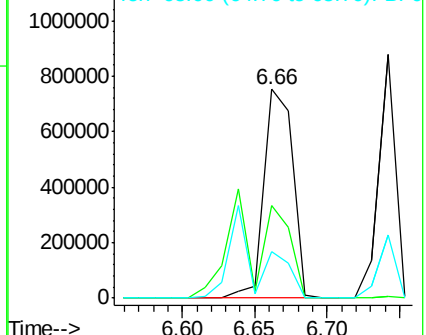
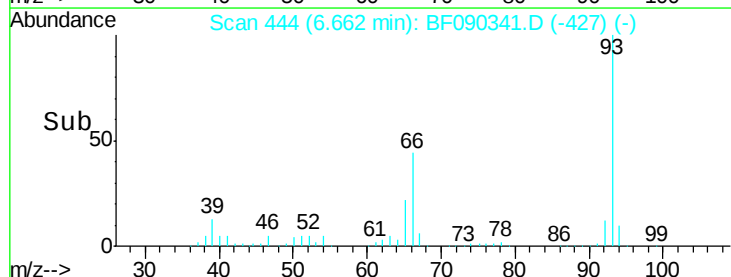
65 22.4 18.2 27.2

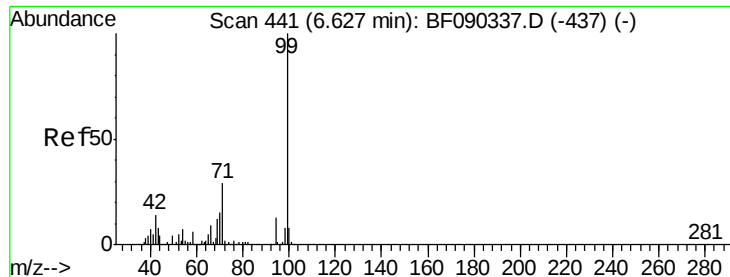


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 84.15 ng

RT: 6.63 min Scan# 441

Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

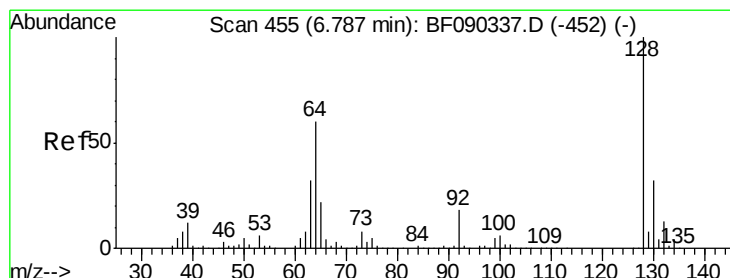
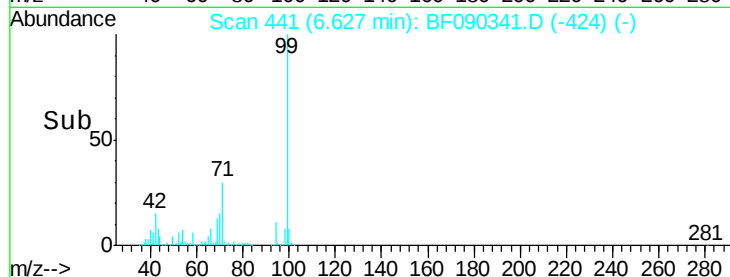
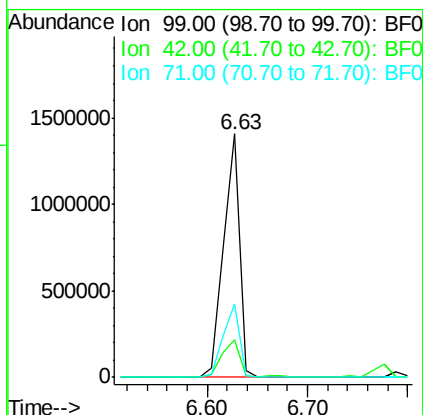
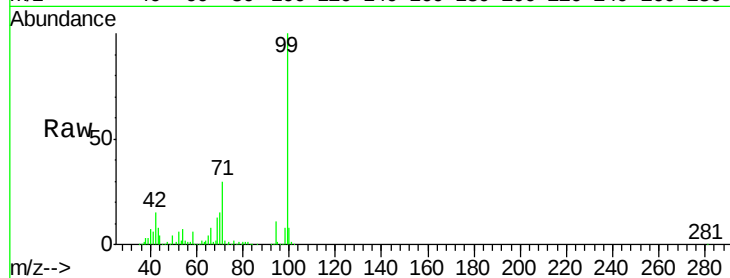
Instrument :

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ClientSampleId :

Tot Ion: 99 Resp: 1542122

Ion	Ratio	Lower	Upper
99	100		
42	15.4	20.0	30.0#
71	30.4	27.9	41.9



#8

2-Chlorophenol

Concen: 38.67 ng

RT: 6.79 min Scan# 455

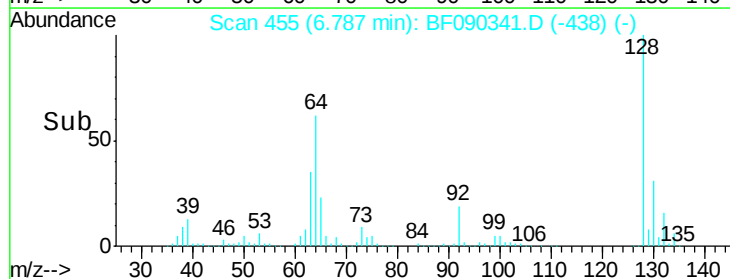
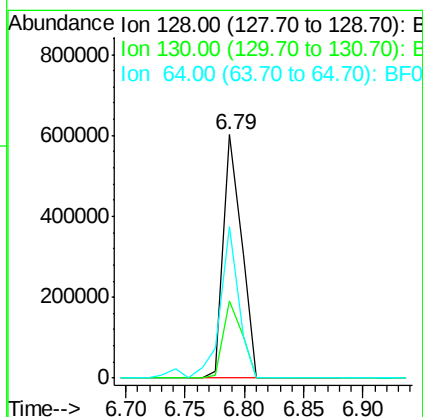
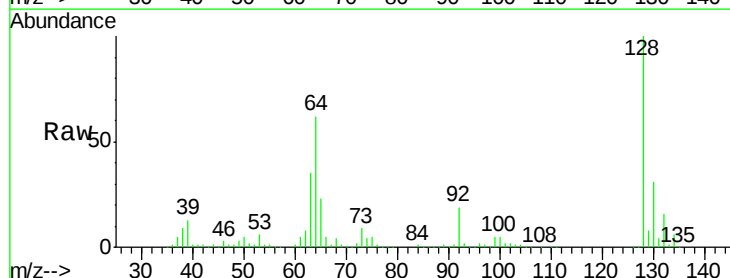
Delta R.T. 0.00 min

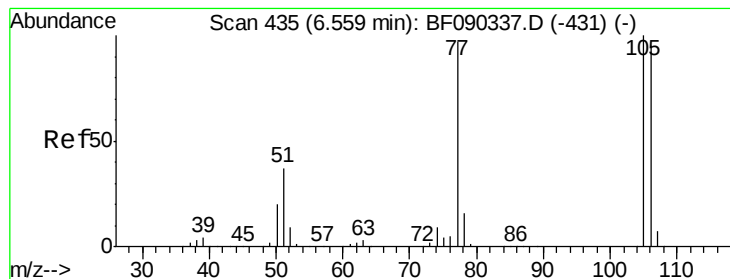
Lab File: BF090341.D

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Tgt Ion: 128 Resp: 637107

Ion	Ratio	Lower	Upper
128	100		
130	31.5	13.3	53.3
64	62.0	36.0	76.0





#9

Benzaldehyde

Concen: 41.23 ng

RT: 6.56 min Scan# 435

Delta R.T. 0.00 min

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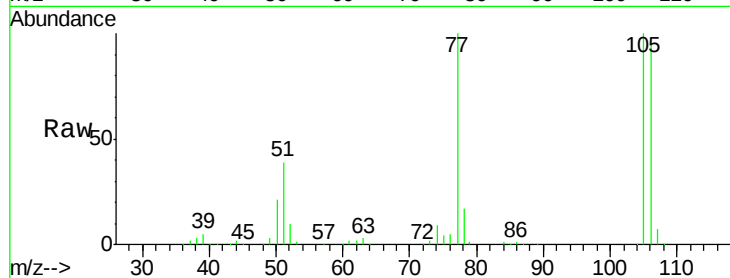
Tot Ion: 77 Resp: 350752

Ion Ratio Lower Upper

77 100

105 100.0 73.1 113.1

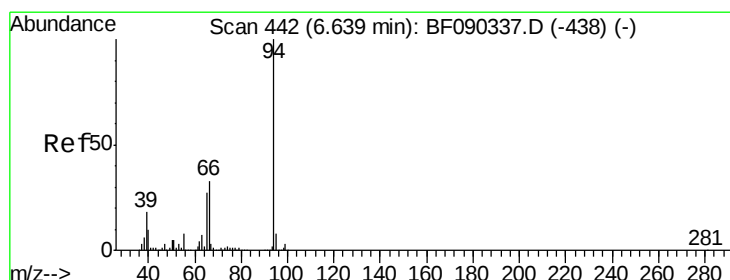
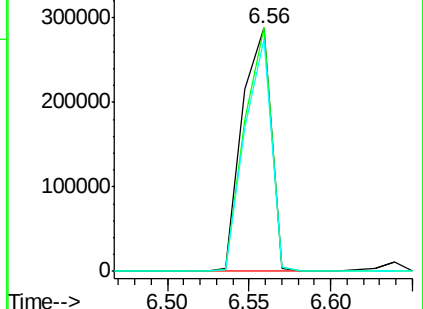
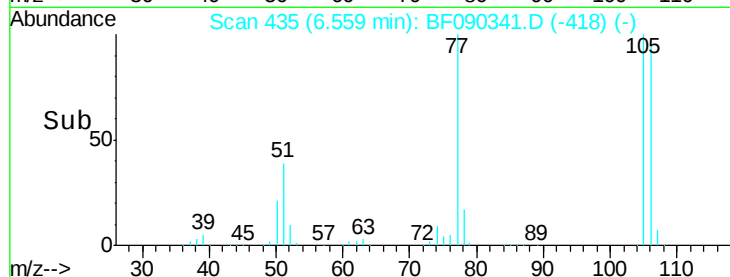
106 95.2 70.2 110.2



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: 45.39 ng

RT: 6.64 min Scan# 442

Delta R.T. 0.00 min

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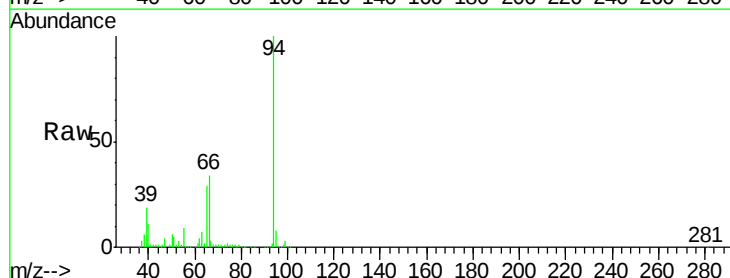
Tgt Ion: 94 Resp: 1011606

Ion Ratio Lower Upper

94 100

65 28.5 13.3 53.3

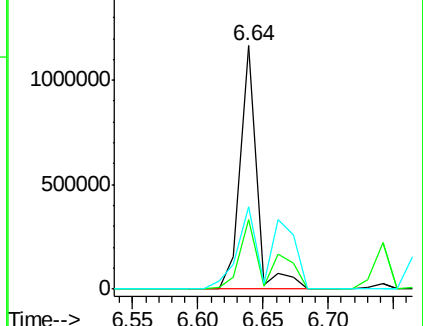
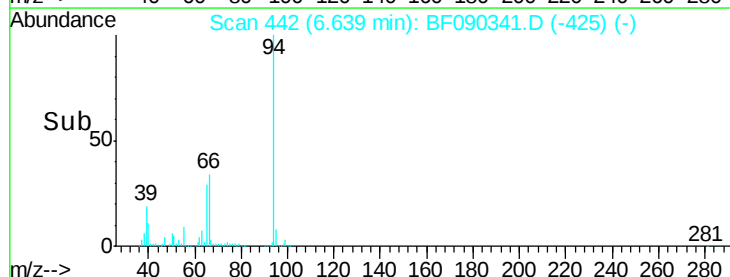
66 34.0 20.4 60.4

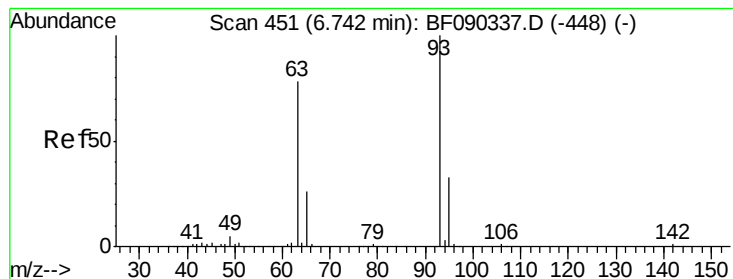


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

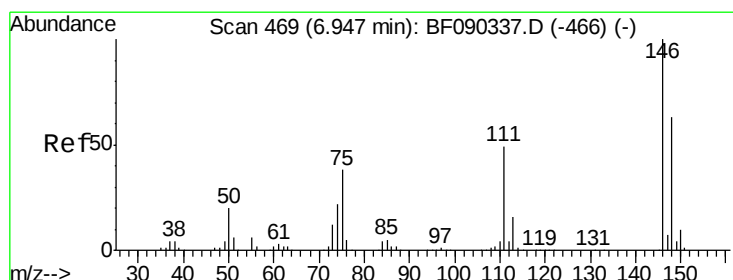
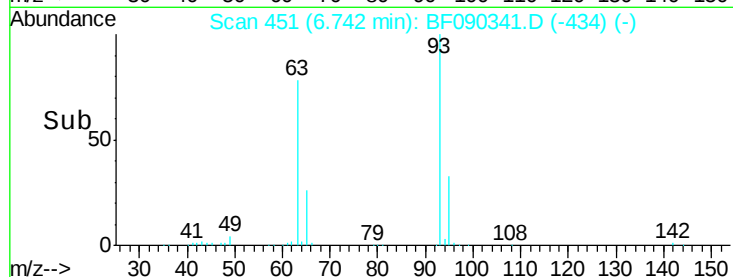
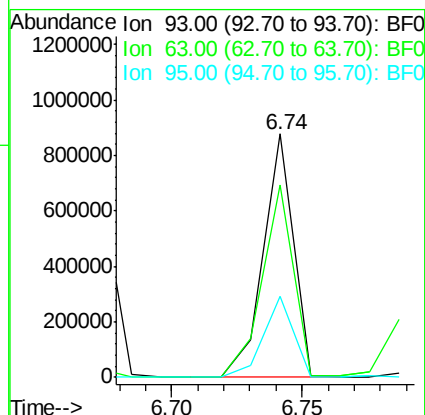
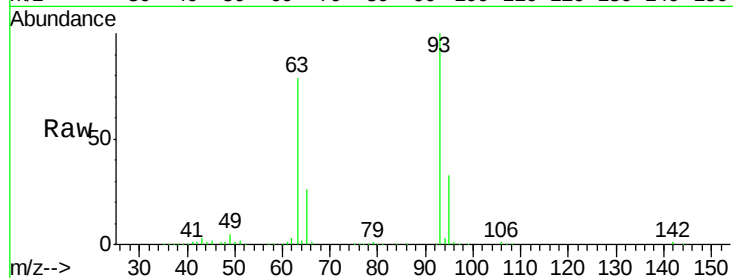




#11
bis(2-Chloroethyl)ether
Concen: 44.03 ng
RT: 6.74 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF090341.D
Acq: 4 Oct 2016 13:51

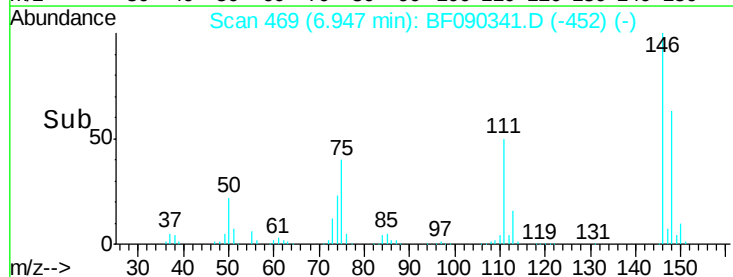
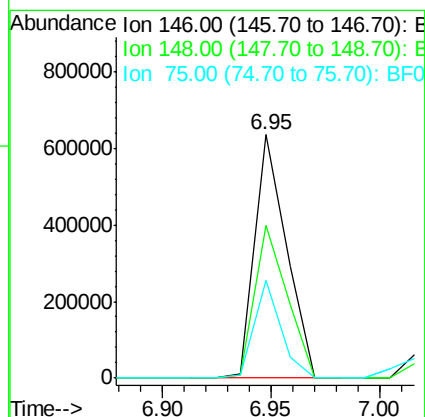
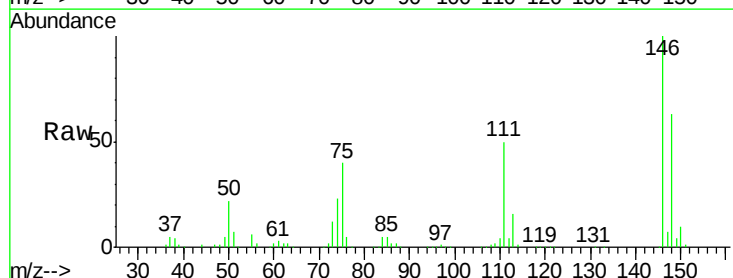
Instrument :
BNA_F
ClientSampled :

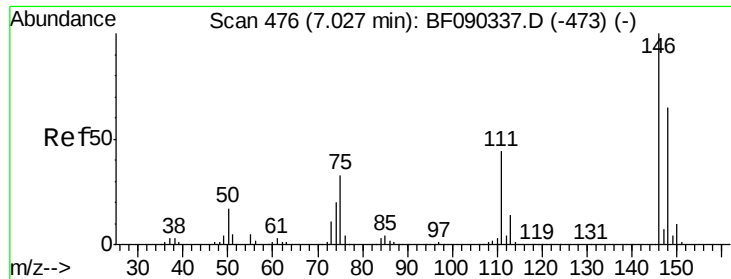
Tot Ion: 93 Resp: 696839
Ion Ratio Lower Upper
93 100
63 79.1 59.7 99.7
95 33.1 14.0 54.0



#12
1,3-Dichlorobenzene
Concen: 37.58 ng
RT: 6.95 min Scan# 469
Delta R.T. 0.00 min
Lab File: BF090341.D
Acq: 4 Oct 2016 13:51

Tgt Ion: 146 Resp: 642943
Ion Ratio Lower Upper
146 100
148 62.6 52.2 78.4
75 40.1 21.4 32.2#

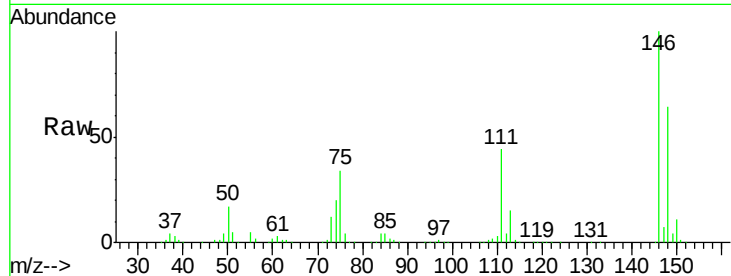




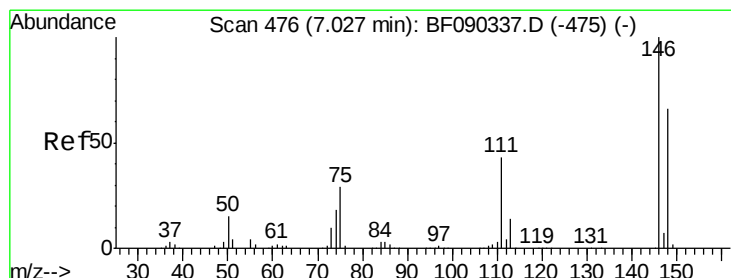
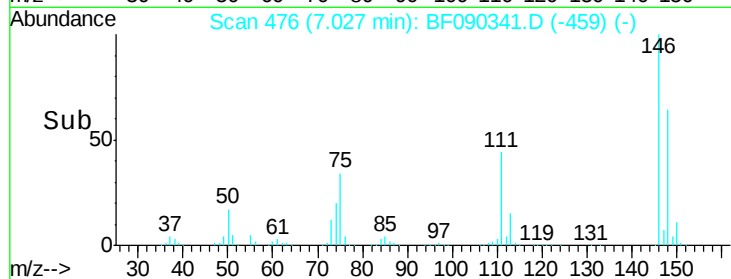
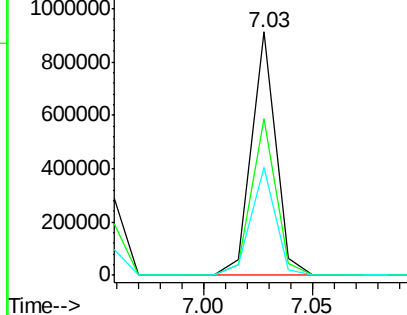
#13
 1,4-Dichlorobenzene
 Concen: 40.97 ng
 RT: 7.03 min Scan# 476
 Delta R.T. 0.00 min
 Lab File: BF090341.D
 Acq: 4 Oct 2016 13:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 711807
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.1 76.7
 111 44.3 37.8 56.6

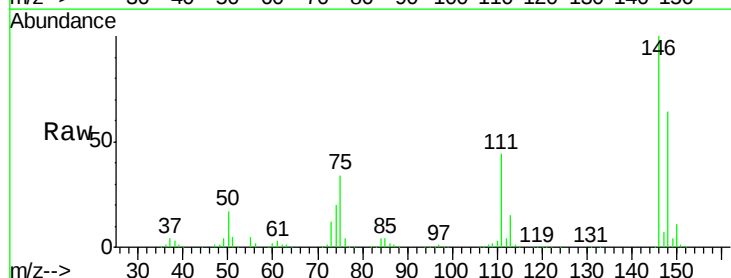


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

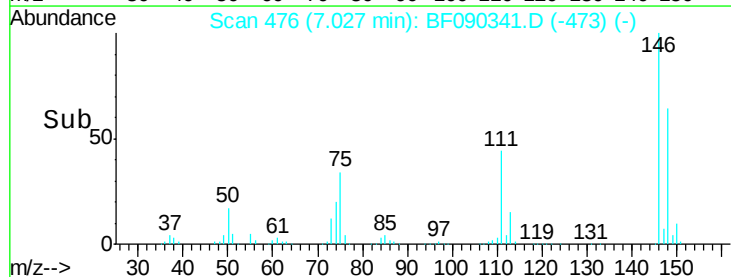
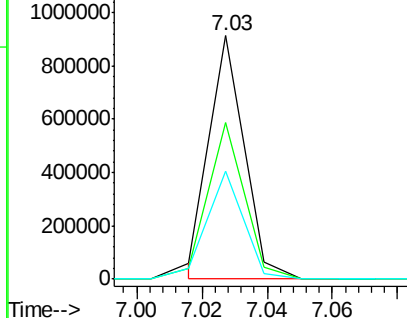


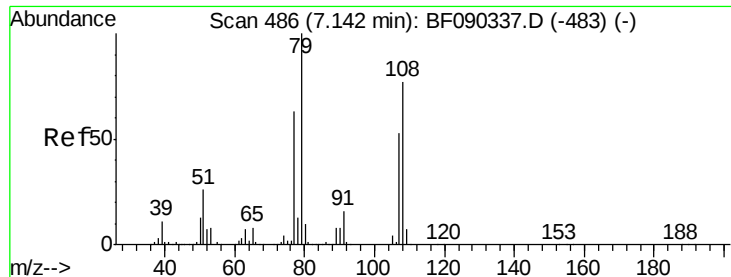
#14
 1,2-Dichlorobenzene
 Concen: 40.58 ng
 RT: 7.03 min Scan# 476
 Delta R.T. -0.16 min
 Lab File: BF090341.D
 Acq: 4 Oct 2016 13:51

Tgt Ion:146 Resp: 670323
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.3 78.5
 111 44.3 38.2 57.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.63 ng

RT: 7.14 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

Instrument :

BNA_F

ClientSampleId :

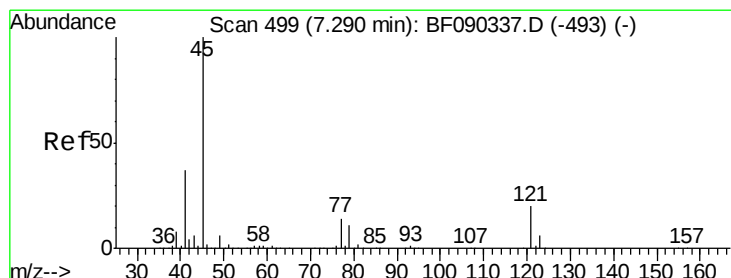
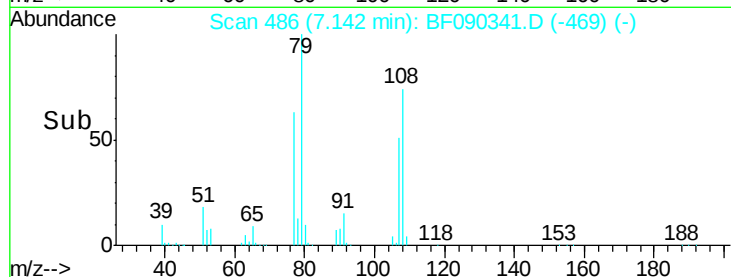
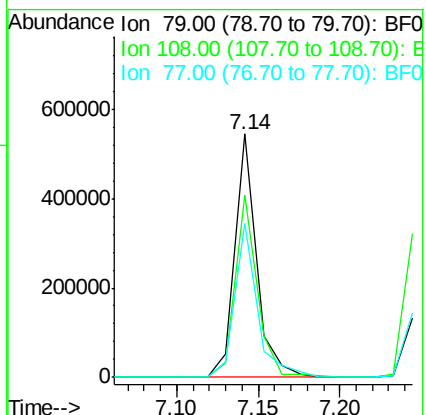
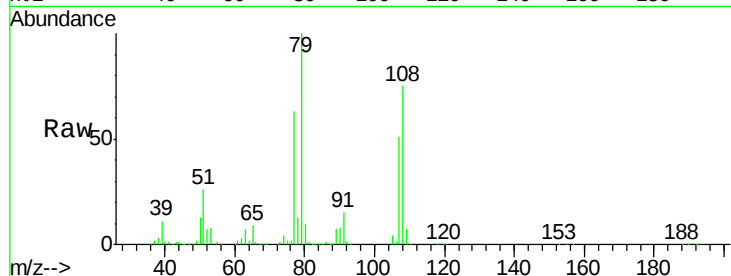
Tot Ion: 79 Resp: 498993

Ion Ratio Lower Upper

79 100

108 75.0 60.9 91.3

77 63.5 51.5 77.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.19 ng

RT: 7.29 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

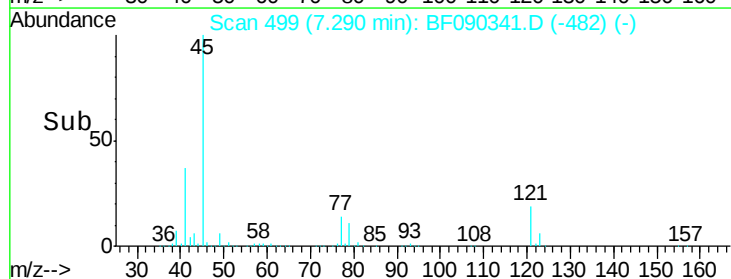
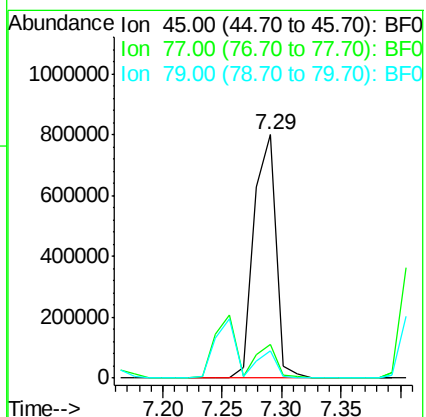
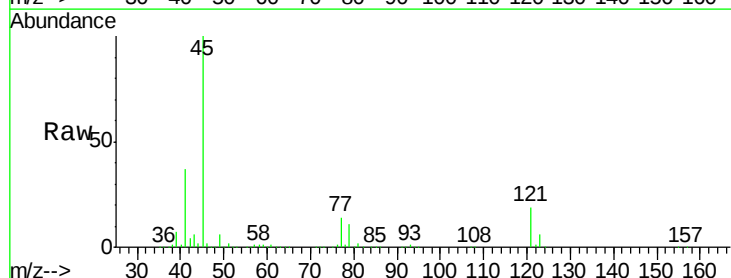
Tgt Ion: 45 Resp: 1044834

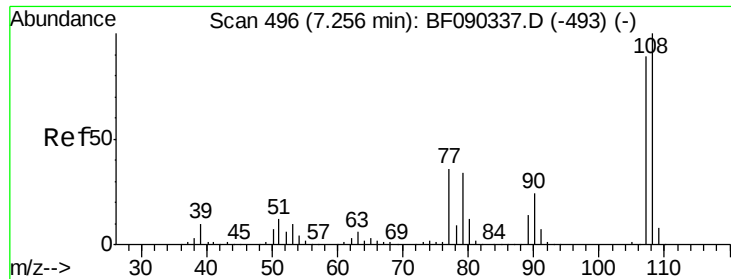
Ion Ratio Lower Upper

45 100

77 13.8 0.0 30.8

79 11.0 0.0 28.2





#17

2-Methylphenol

Concen: 42.01 ng

RT: 7.26 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 536128

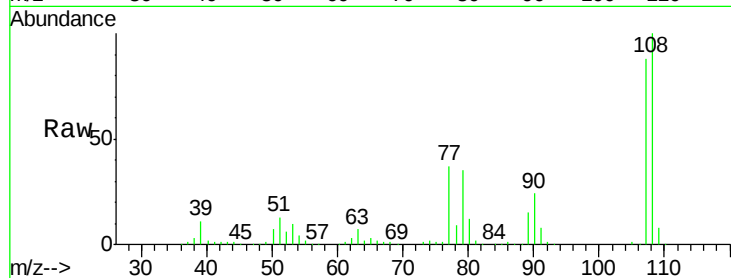
Ion Ratio Lower Upper

107 100

108 114.1 90.9 136.3

77 42.7 38.2 57.4

79 40.1 37.0 55.4

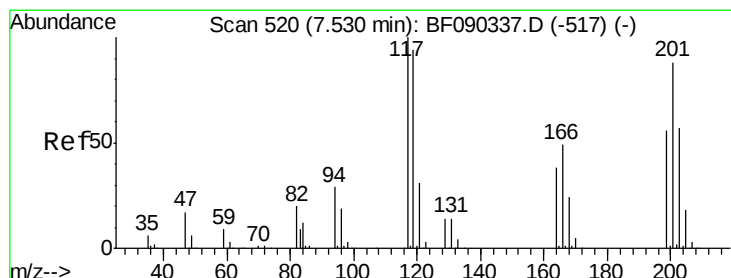
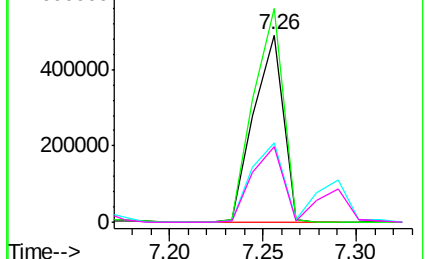
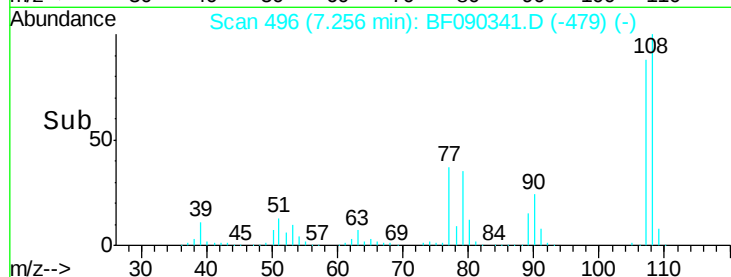


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 42.44 ng

RT: 7.53 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

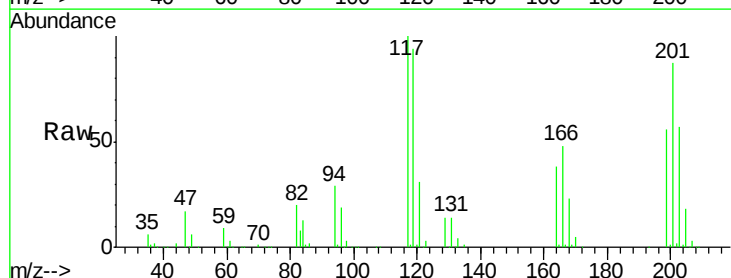
Tgt Ion:117 Resp: 266806

Ion Ratio Lower Upper

117 100

119 93.6 75.9 113.9

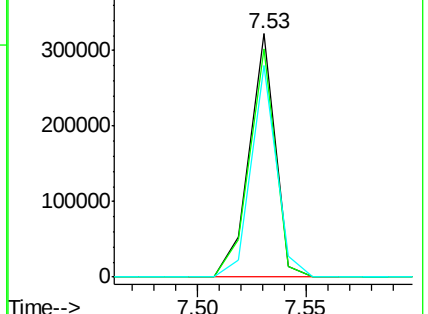
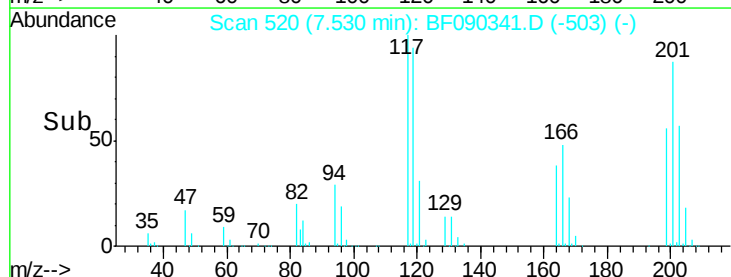
201 87.2 66.5 99.7

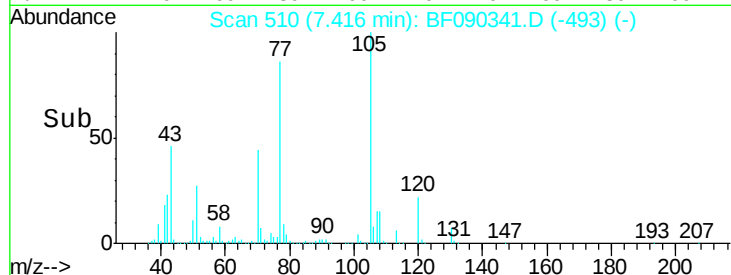
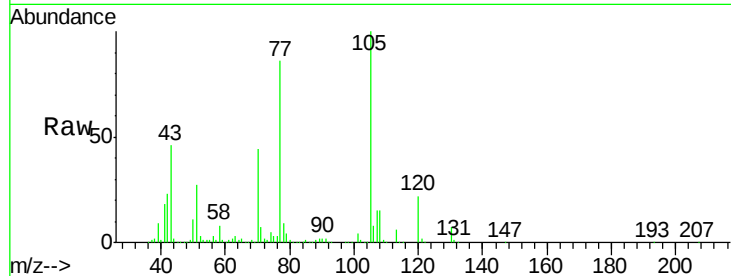
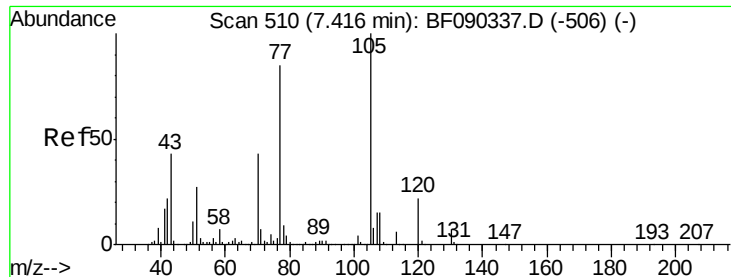


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

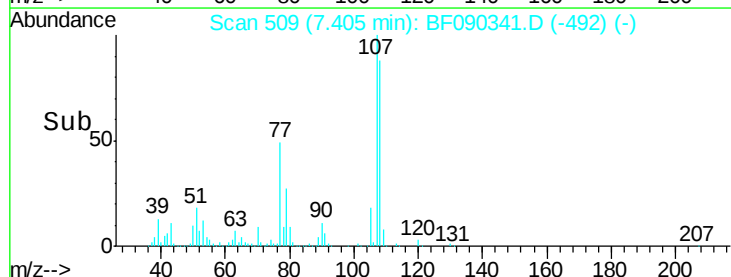
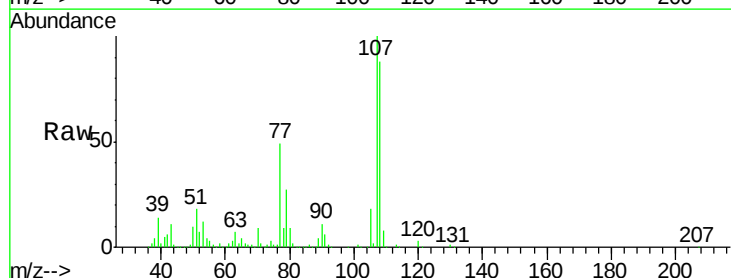
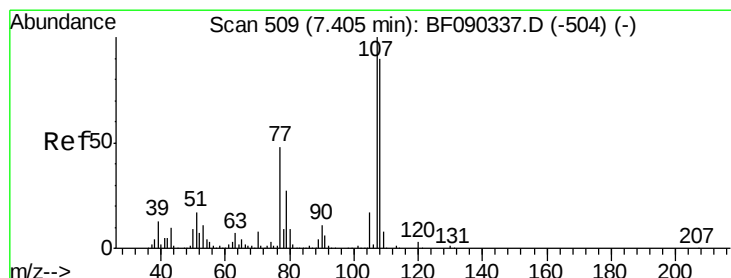
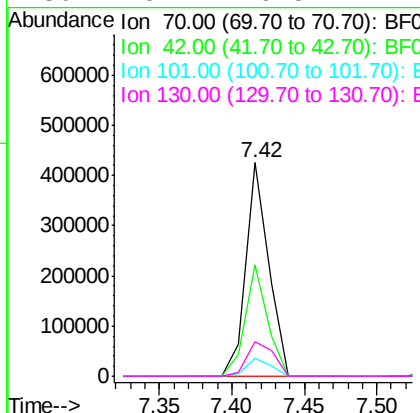




#19
n-Nitroso-di-n-propylamine
Concen: 39.58 ng
RT: 7.42 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF090341.D
Acq: 4 Oct 2016 13:51

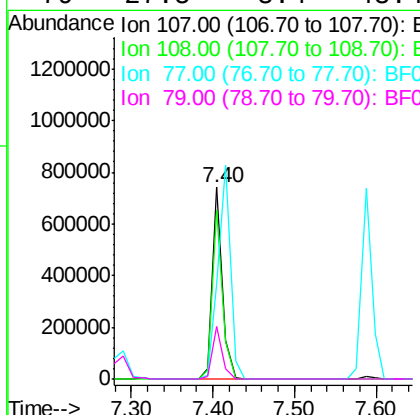
Instrument :
BNA_F
ClientSampleId :

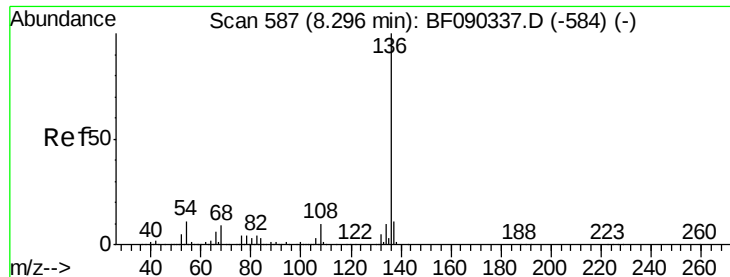
Tot Ion: 70 Resp: 463165
Ion Ratio Lower Upper
70 100
42 52.0 55.4 83.2#
101 8.3 7.6 11.4
130 16.1 16.5 24.7#



#20
3+4-Methylphenols
Concen: 39.62 ng
RT: 7.40 min Scan# 509
Delta R.T. 0.00 min
Lab File: BF090341.D
Acq: 4 Oct 2016 13:51

Tgt Ion:107 Resp: 642832
Ion Ratio Lower Upper
107 100
108 88.3 66.7 106.7
77 49.2 53.7 93.7#
79 27.5 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.30 min Scan# 587

Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 906681

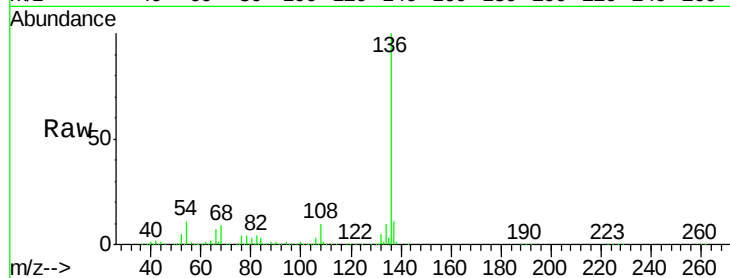
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 10.8 6.6 10.0#

68 9.1 5.0 7.6#

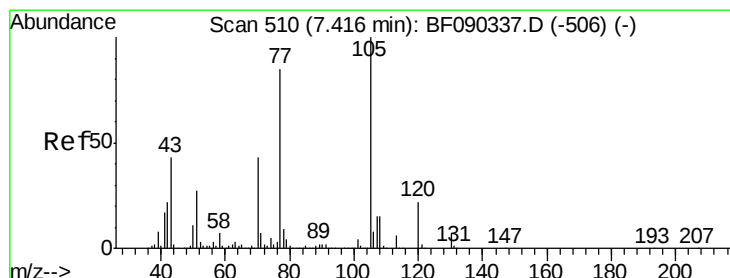
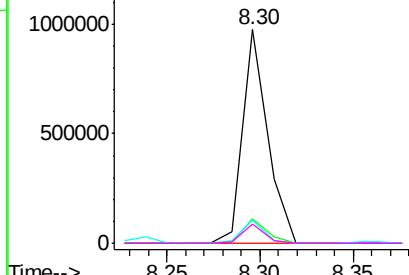
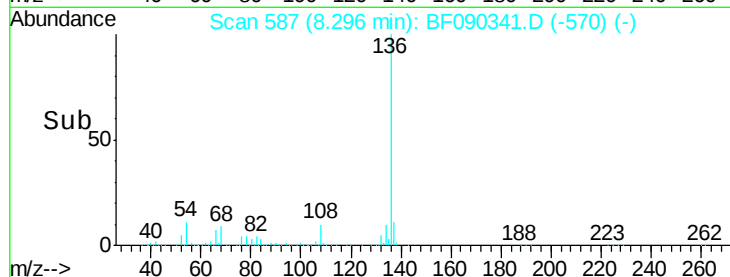


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.91 ng

RT: 7.42 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

Tgt Ion:105 Resp: 837772

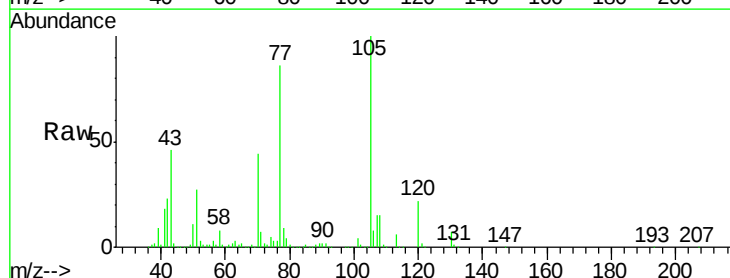
Ion Ratio Lower Upper

105 100

71 7.5 3.8 5.6#

51 27.4 28.2 42.4#

120 21.5 17.4 26.2

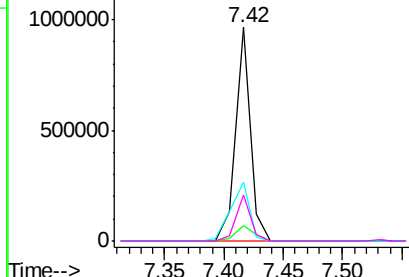
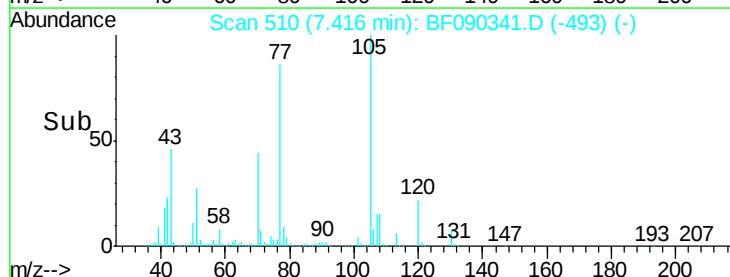


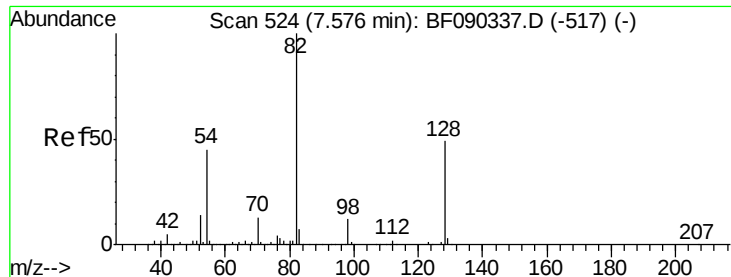
Abundance Ion 105.00 (104.70 to 105.70): E

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

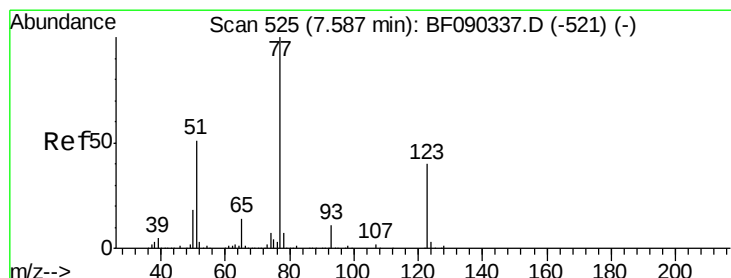
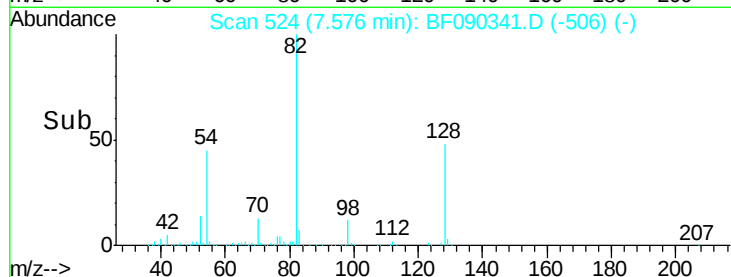
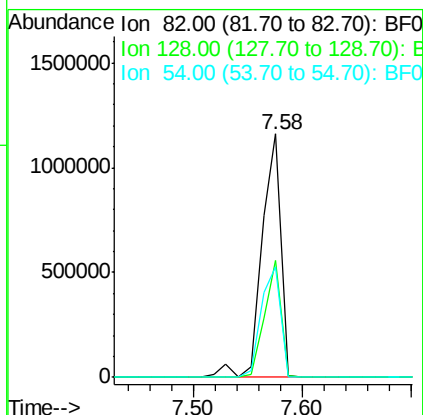
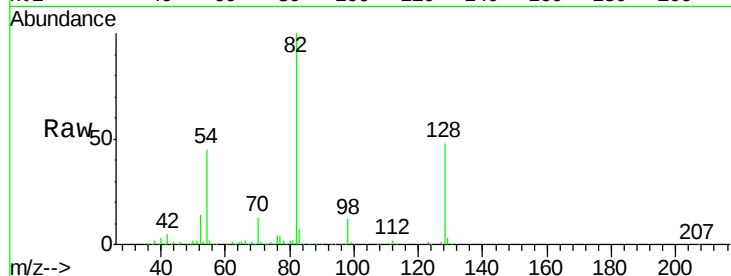




#23
Nitrobenzene-d5
Concen: 91.26 ng
RT: 7.58 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF090341.D
Acq: 4 Oct 2016 13:51

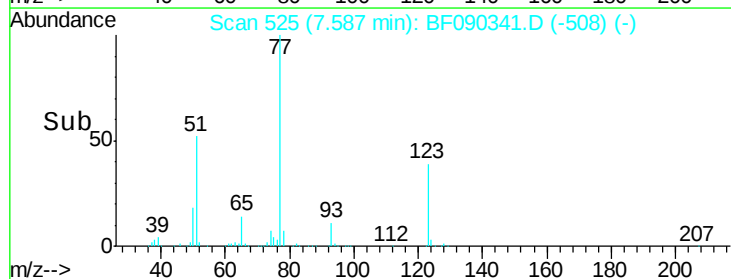
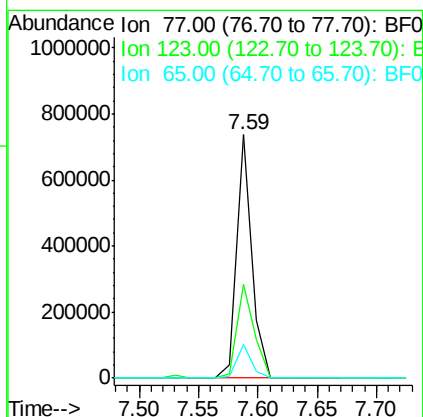
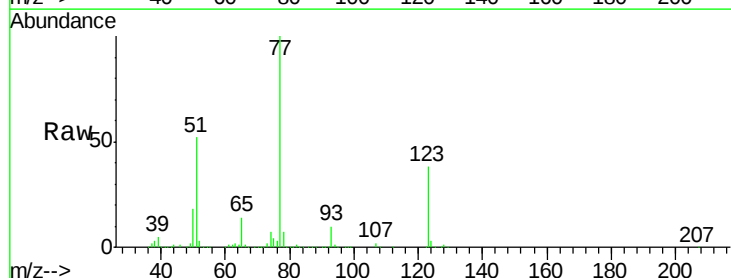
Instrument :
BNA_F
ClientSampleId :

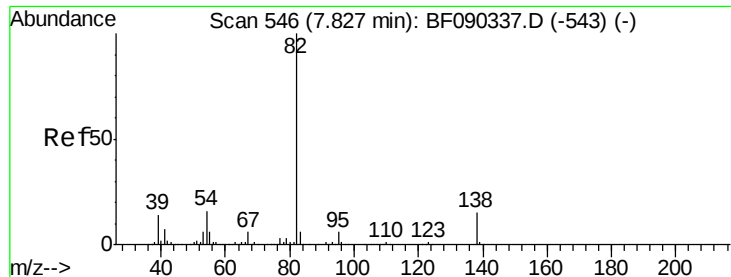
Tot Ion: 82 Resp: 1419501
Ion Ratio Lower Upper
82 100
128 47.9 40.0 60.0
54 45.5 42.6 64.0



#24
Nitrobenzene
Concen: 39.53 ng
RT: 7.59 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF090341.D
Acq: 4 Oct 2016 13:51

Tgt Ion: 77 Resp: 656444
Ion Ratio Lower Upper
77 100
123 38.4 33.0 49.4
65 13.7 12.0 18.0





#25

Isophorone

Concen: 39.73 ng

RT: 7.83 min Scan# 546

Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

Instrument :

BNA_F

ClientSampleId :

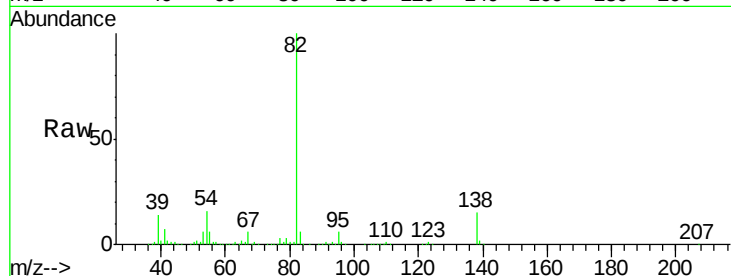
Tot Ion: 82 Resp: 1175751

Ion Ratio Lower Upper

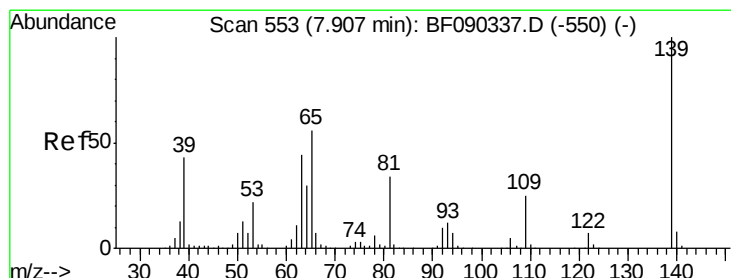
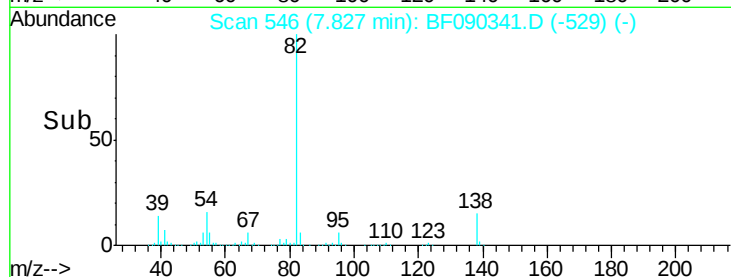
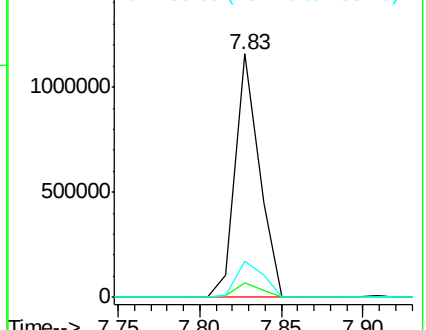
82 100

95 5.9 5.2 7.8

138 14.7 13.0 19.4



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



#26

2-Nitrophenol

Concen: 44.66 ng

RT: 7.91 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

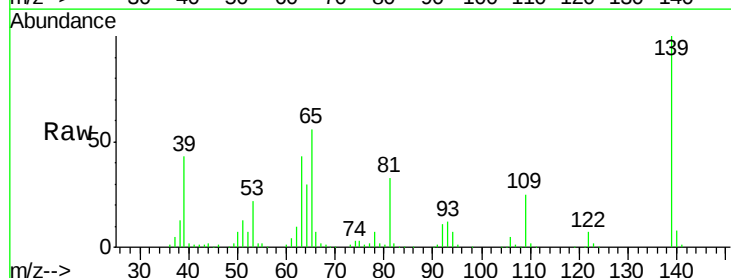
Tgt Ion: 139 Resp: 286227

Ion Ratio Lower Upper

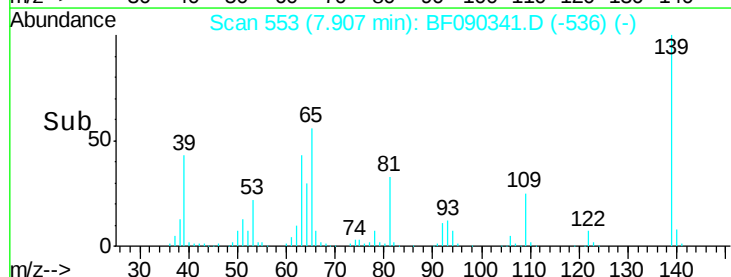
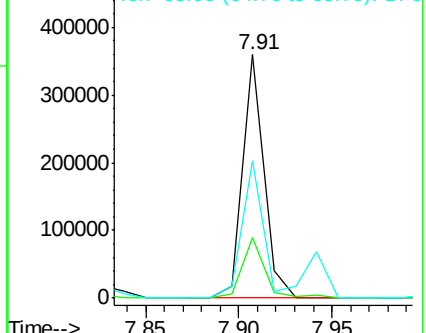
139 100

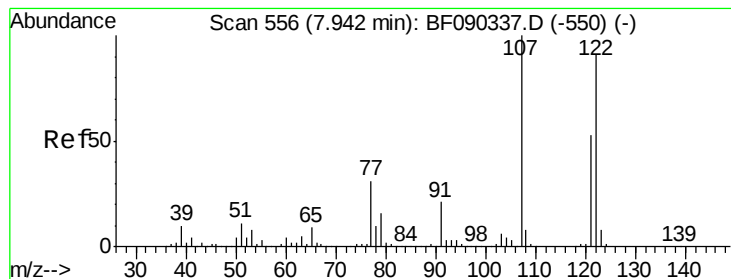
109 24.8 18.9 28.3

65 56.3 31.6 47.4#



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

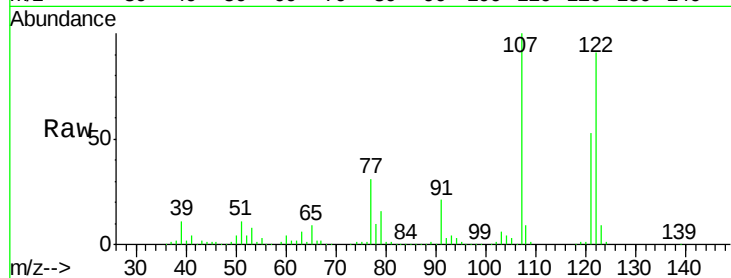




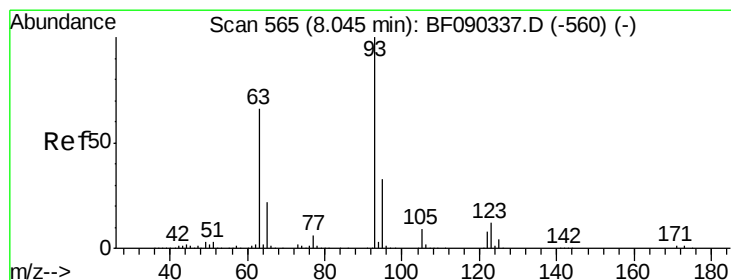
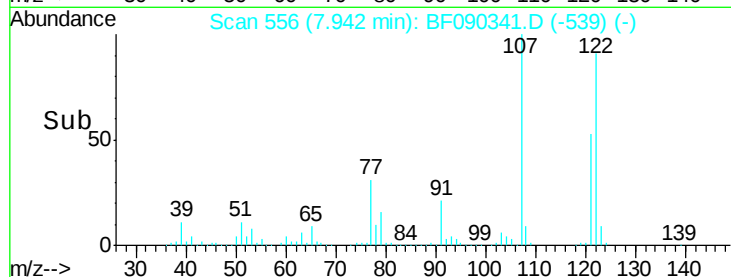
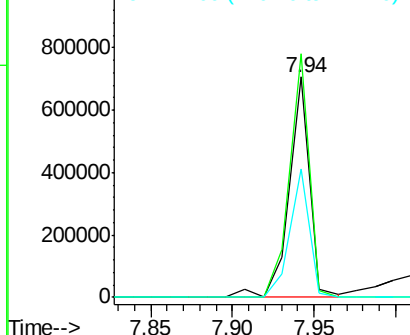
#27
 2,4-Dimethylphenol
 Concen: 42.83 ng
 RT: 7.94 min Scan# 556
 Delta R.T. 0.00 min
 Lab File: BF090341.D
 Acq: 4 Oct 2016 13:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 619190
 Ion Ratio Lower Upper
 122 100
 107 110.5 88.6 132.8
 121 58.0 47.5 71.3

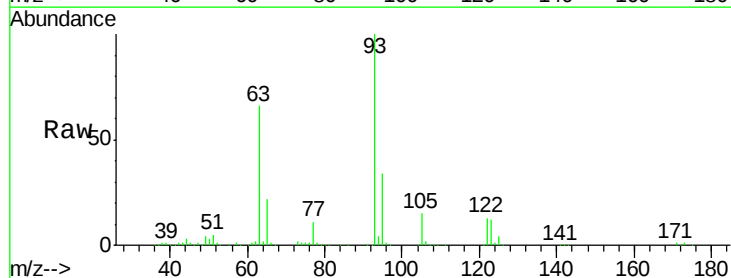


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

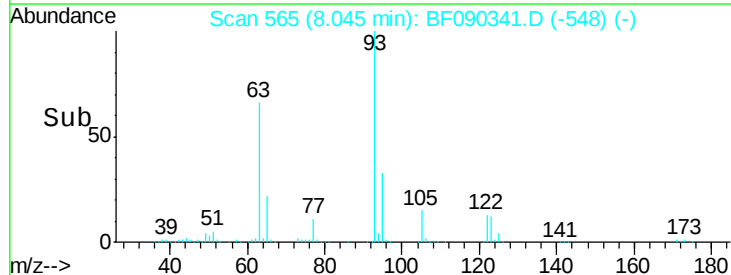
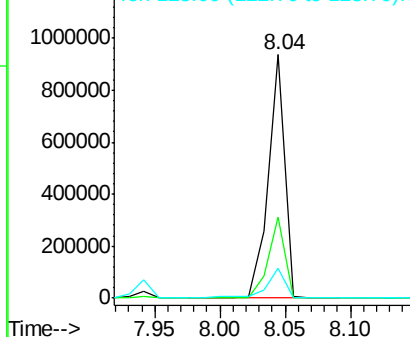


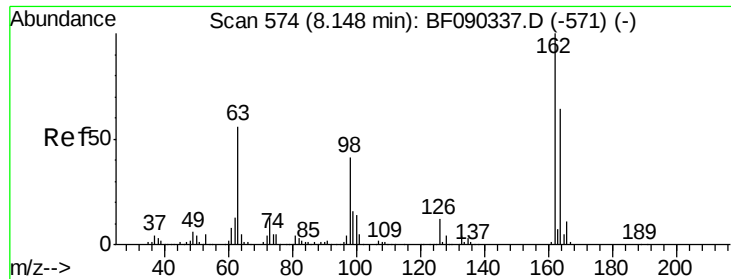
#28
 bis(2-Chloroethoxy)methane
 Concen: 45.10 ng
 RT: 8.04 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: BF090341.D
 Acq: 4 Oct 2016 13:51

Tgt Ion: 93 Resp: 828665
 Ion Ratio Lower Upper
 93 100
 95 33.5 27.0 40.4
 123 12.4 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

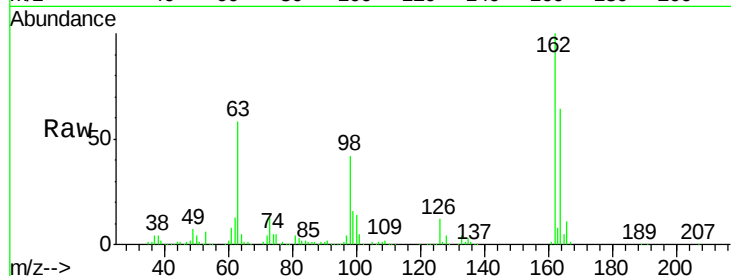




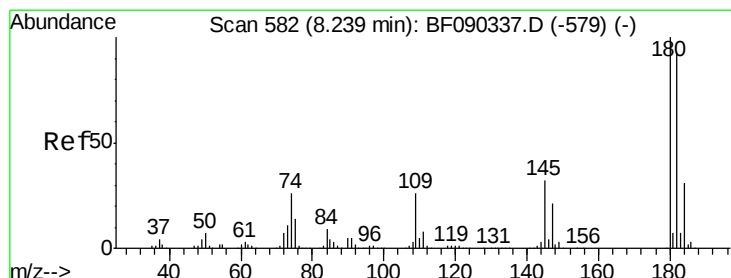
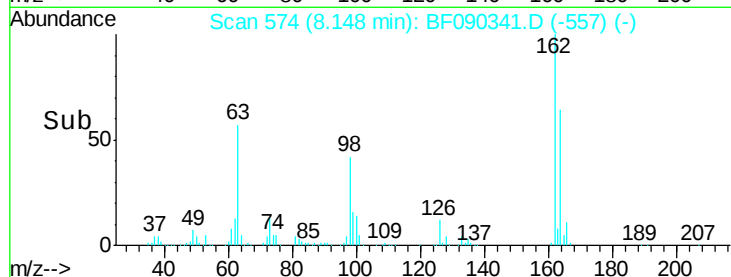
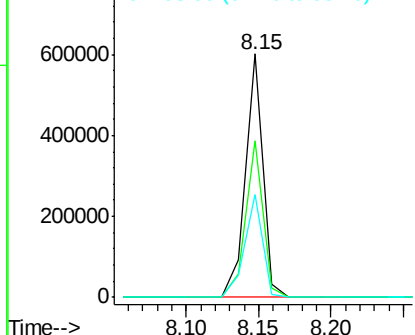
#29
2,4-Dichlorophenol
Concen: 42.37 ng
RT: 8.15 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF090341.D
Acq: 4 Oct 2016 13:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	45.7	85.7
98	42.0	13.3	53.3

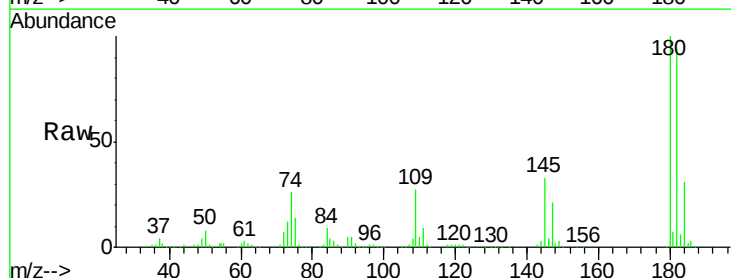


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

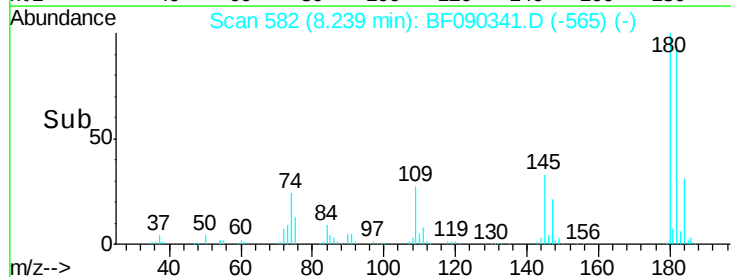
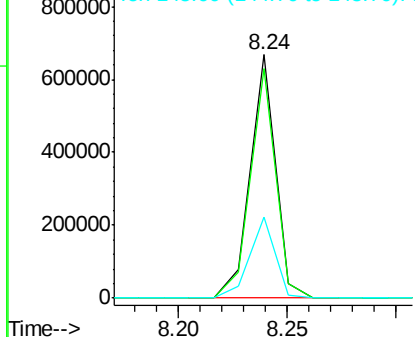


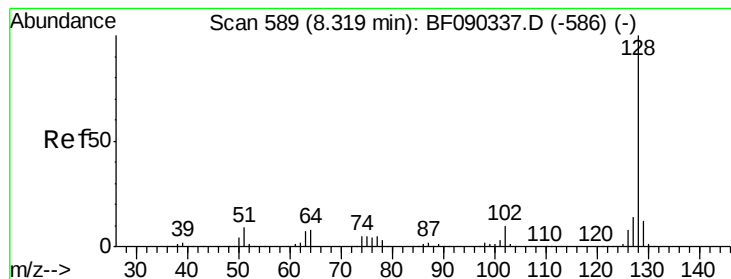
#30
1,2,4-Trichlorobenzene
Concen: 40.79 ng
RT: 8.24 min Scan# 582
Delta R.T. 0.00 min
Lab File: BF090341.D
Acq: 4 Oct 2016 13:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	75.3	112.9
145	33.4	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: 39.64 ng

RT: 8.32 min Scan# 589

Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

Instrument :

BNA_F

ClientSampled :

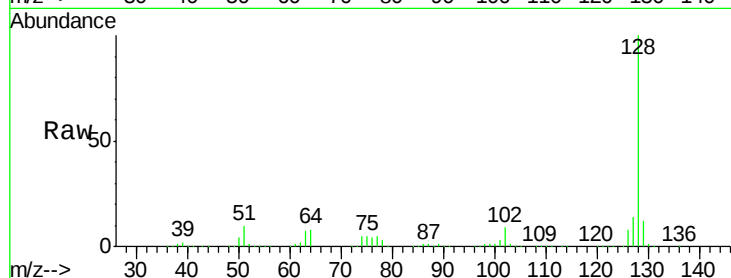
Tot Ion:128 Resp: 1717661

Ion Ratio Lower Upper

128 100

129 11.9 9.7 14.5

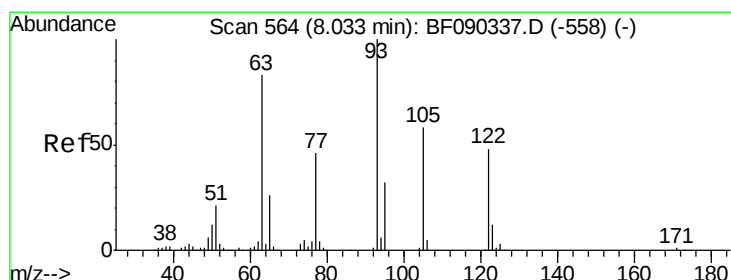
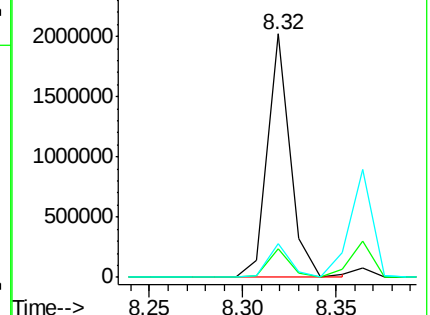
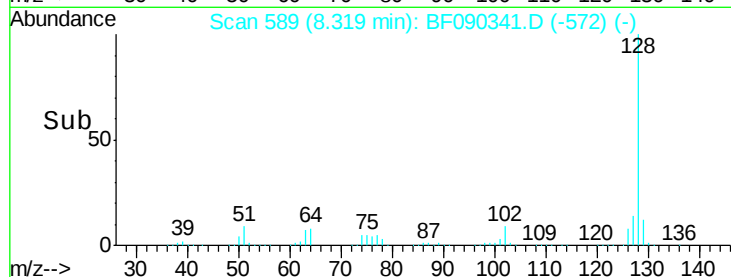
127 13.6 11.7 17.5



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.95 ng

RT: 8.04 min Scan# 565

Delta R.T. 0.01 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

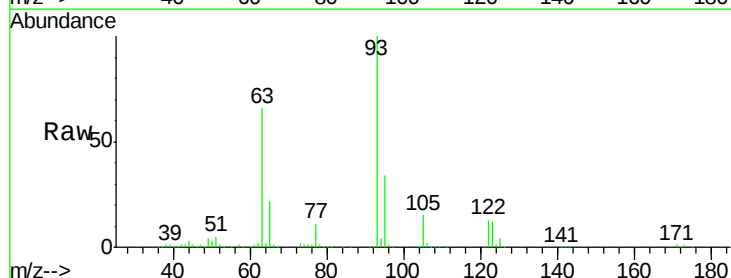
Tgt Ion:122 Resp: 382977

Ion Ratio Lower Upper

122 100

105 117.1 103.9 143.9

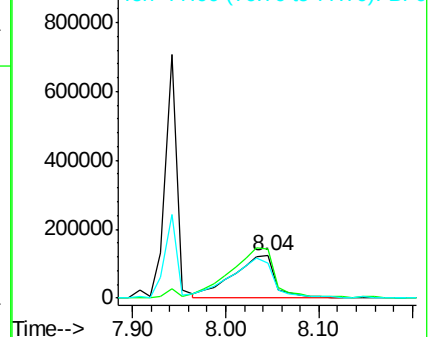
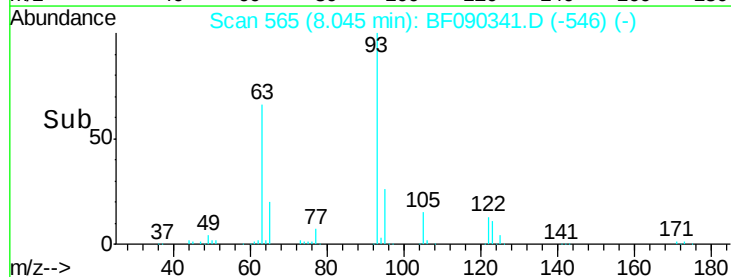
77 84.6 74.6 114.6

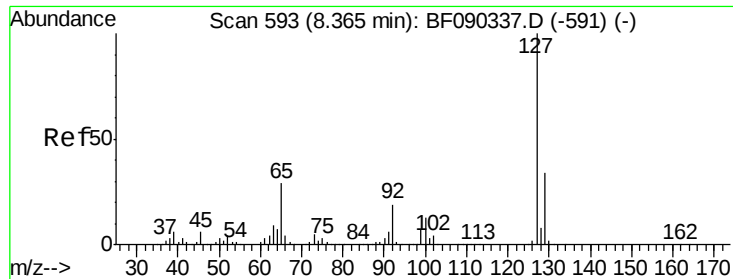


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

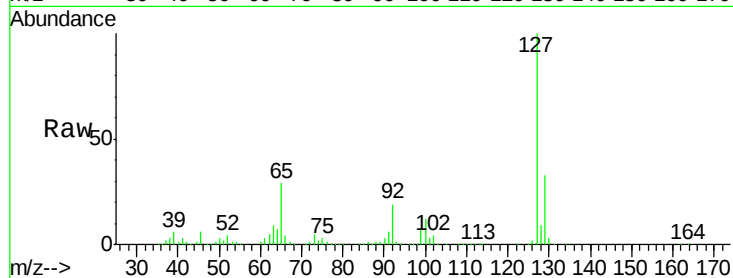




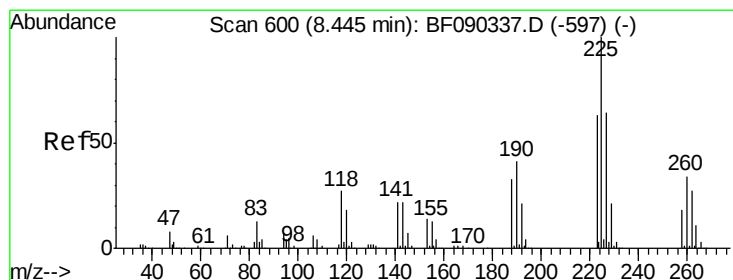
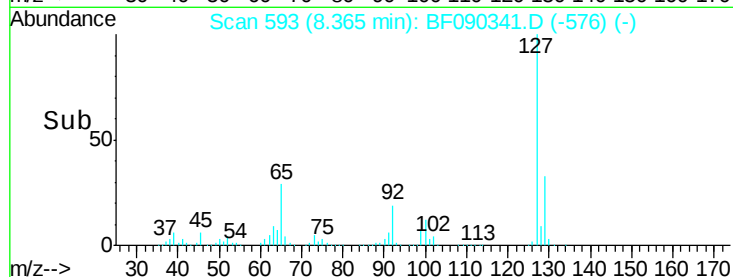
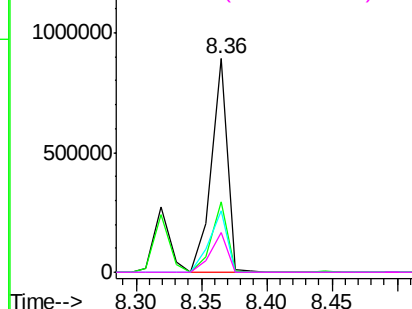
#33
4-Chloroaniline
Concen: 44.17 ng
RT: 8.36 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF090341.D
Acq: 4 Oct 2016 13:51

Instrument :
BNA_F
ClientSampleID :

Tot Ion:	127	Resp:	764661
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.2	39.4
65	28.7	32.5	48.7#
92	18.6	17.2	25.8

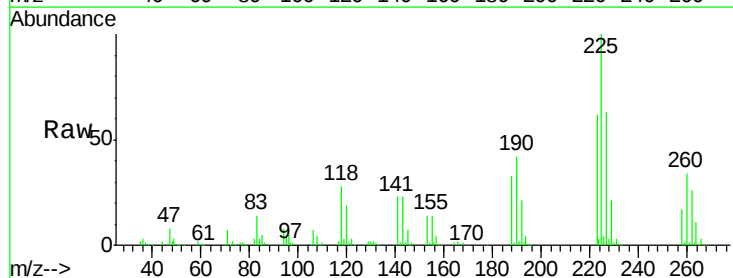


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

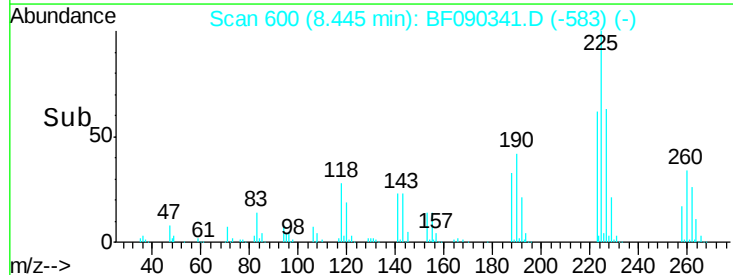
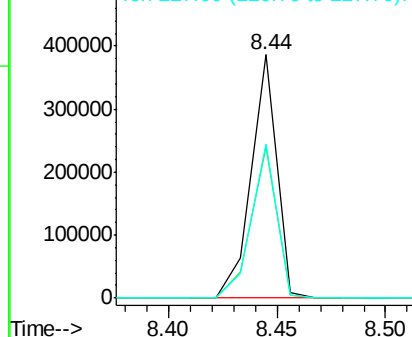


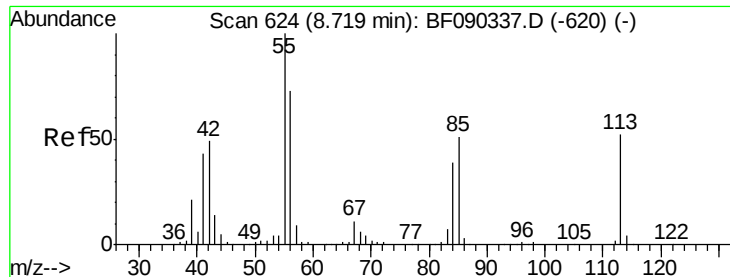
#34
Hexachlorobutadiene
Concen: 40.29 ng
RT: 8.44 min Scan# 600
Delta R.T. 0.00 min
Lab File: BF090341.D
Acq: 4 Oct 2016 13:51

Tgt Ion:	225	Resp:	314418
Ion	Ratio	Lower	Upper
225	100		
223	62.0	51.0	76.4
227	63.3	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

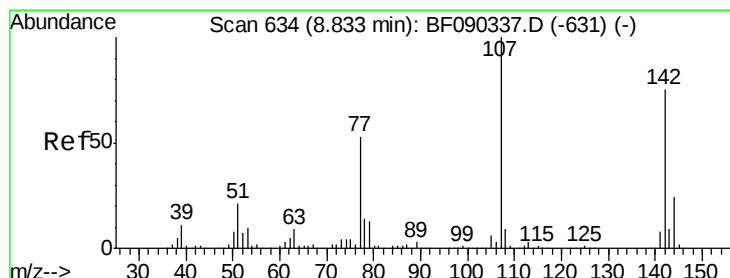
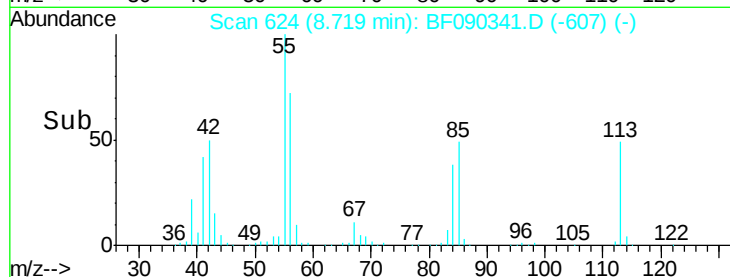
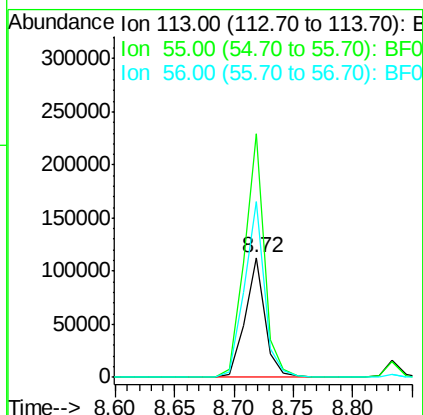
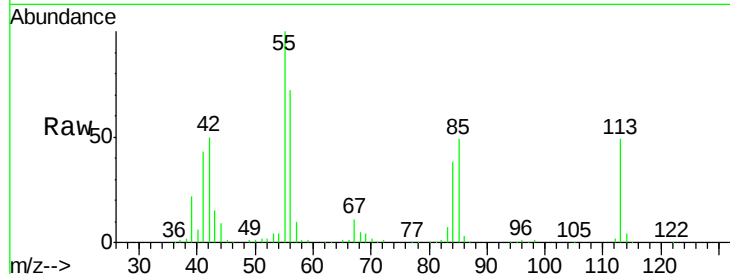




#35
Caprolactam
Concen: 42.48 ng
RT: 8.72 min Scan# 624
Delta R.T. 0.00 min
Lab File: BF090341.D
Acq: 4 Oct 2016 13:51

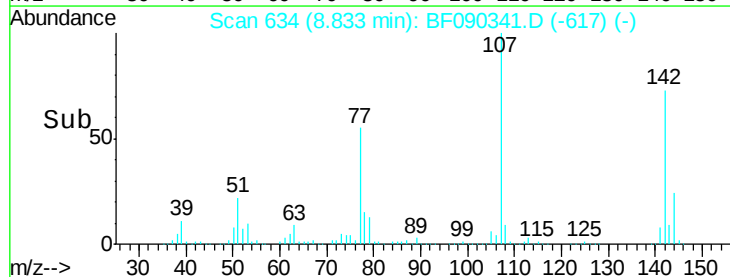
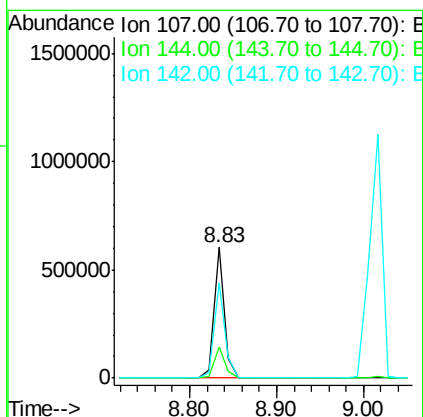
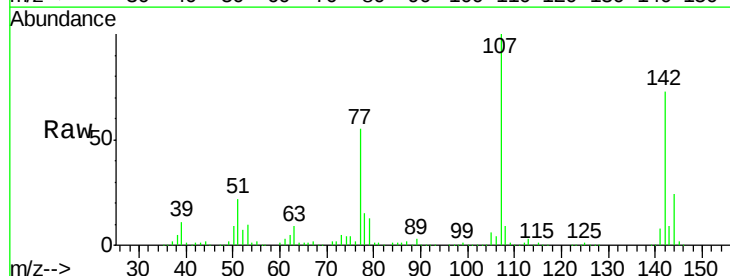
Instrument :
BNA_F
ClientSampleId :

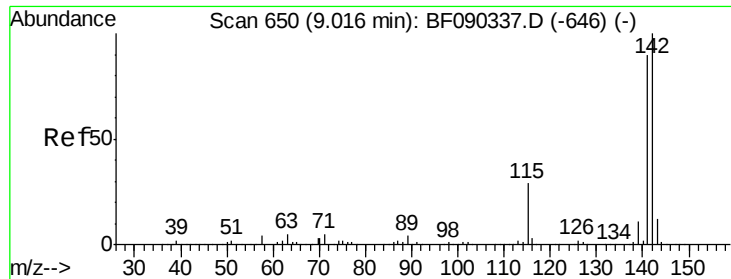
Tot Ion:113 Resp: 131506
Ion Ratio Lower Upper
113 100
55 203.3 203.3 243.3
56 147.2 140.5 180.5



#36
4-Chloro-3-methylphenol
Concen: 39.95 ng
RT: 8.83 min Scan# 634
Delta R.T. 0.00 min
Lab File: BF090341.D
Acq: 4 Oct 2016 13:51

Tgt Ion:107 Resp: 507814
Ion Ratio Lower Upper
107 100
144 23.7 19.8 29.8
142 73.0 60.7 91.1

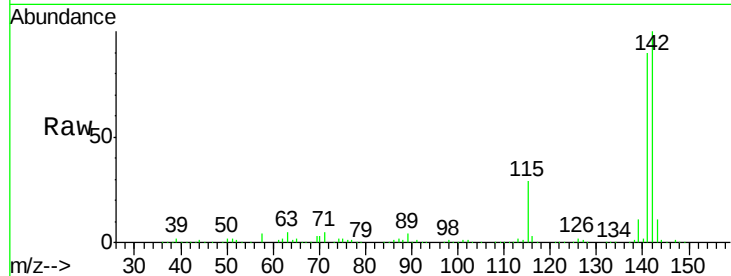




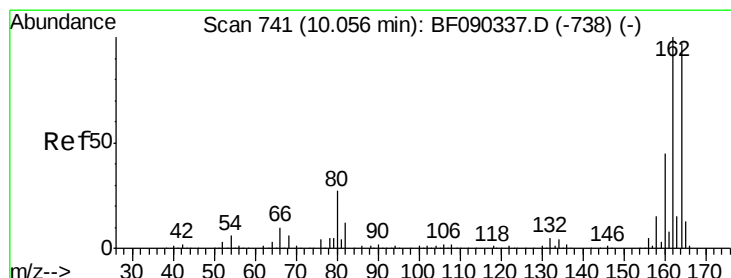
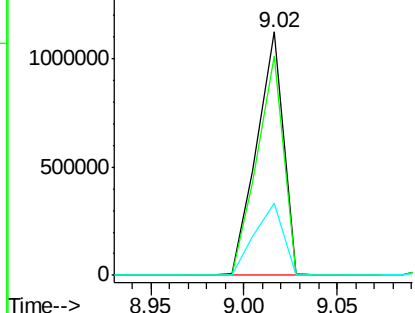
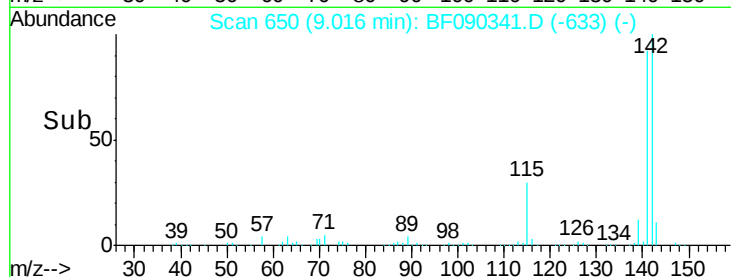
#37
2-Methylnaphthalene
Concen: 40.73 ng
RT: 9.02 min Scan# 650
Delta R.T. 0.00 min
Lab File: BF090341.D
Acq: 4 Oct 2016 13:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 1107836
Ion Ratio Lower Upper
142 100
141 89.9 71.8 107.8
115 29.4 28.8 43.2

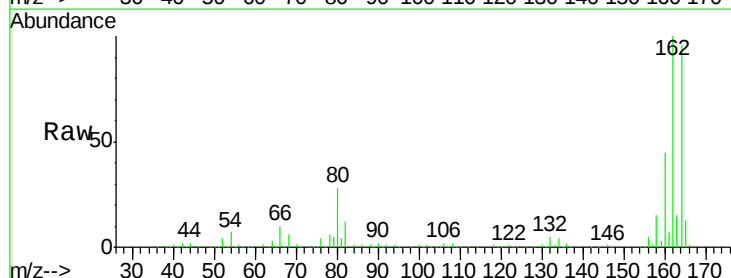


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

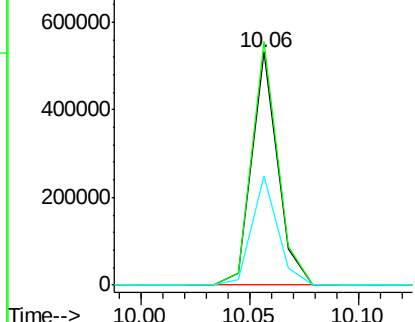
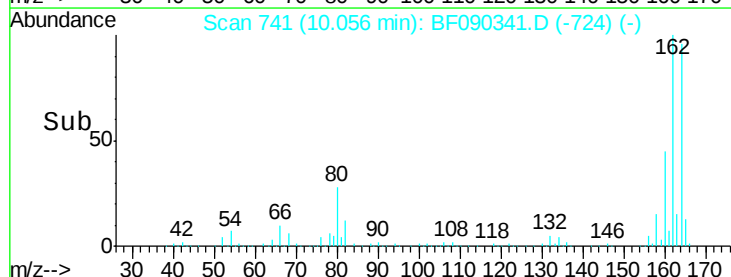


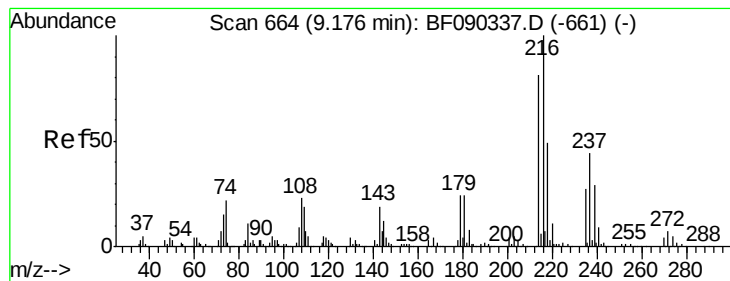
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.06 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF090341.D
Acq: 4 Oct 2016 13:51

Tgt Ion:164 Resp: 440228
Ion Ratio Lower Upper
164 100
162 104.4 80.1 120.1
160 46.7 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: 37.44 ng

RT: 9.18 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF090341.D

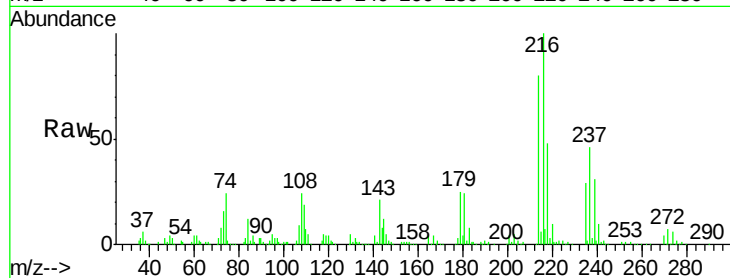
Acq: 4 Oct 2016 13:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	216	Resp:	465193
Ion	Ratio	Lower	Upper
216	100		
214	79.4	64.2	96.2
179	22.8	18.0	27.0
108	22.8	15.2	22.8#

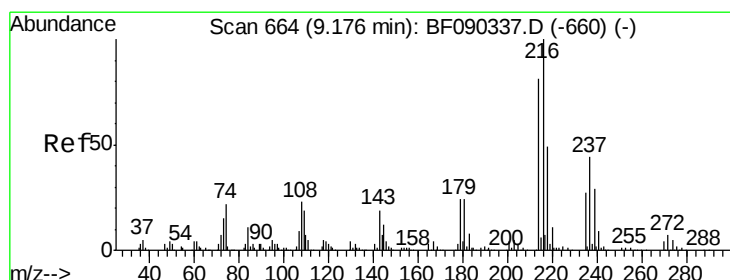
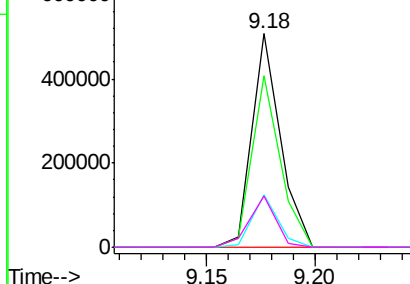
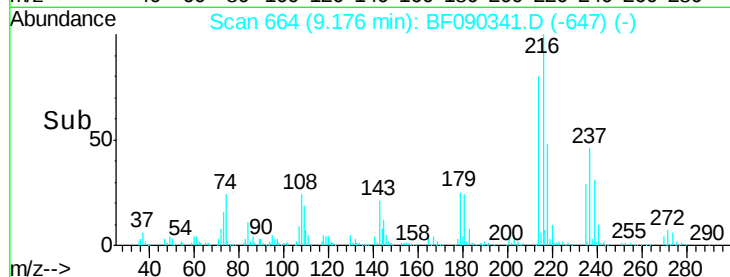


Abundance Ion 216.00 (215.70 to 216.70): E

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: 37.03 ng

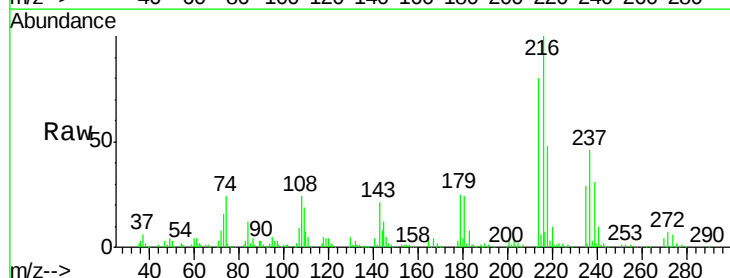
RT: 9.18 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

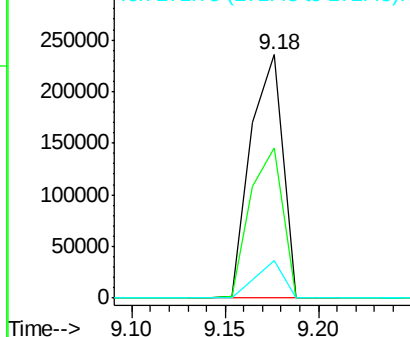
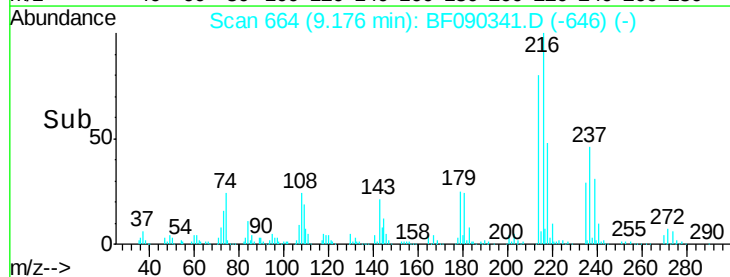
Tgt Ion:	237	Resp:	279955
Ion	Ratio	Lower	Upper
237	100		
235	61.8	43.6	83.6
272	15.2	0.0	32.7

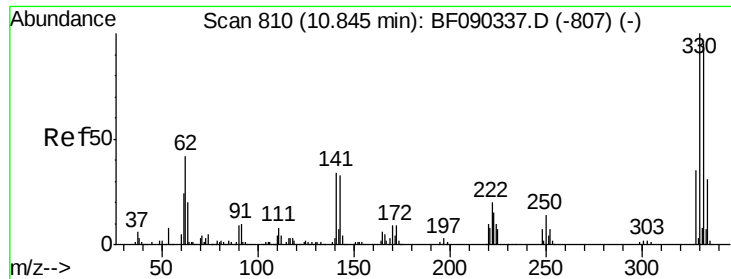


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

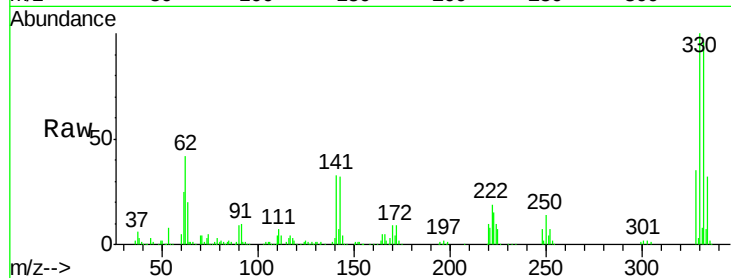




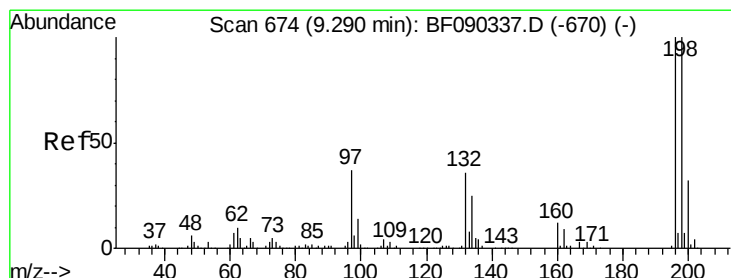
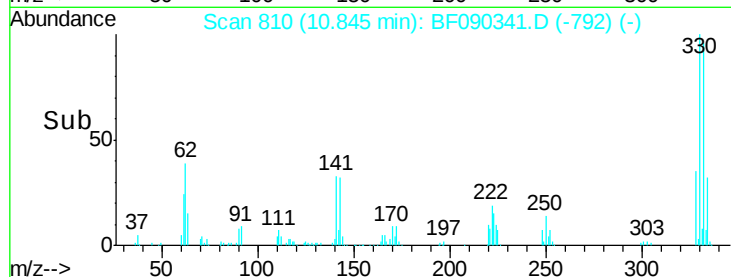
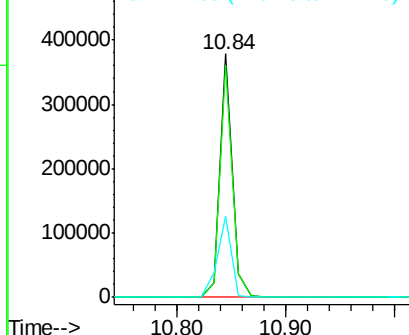
#41
 2,4,6-Tribromophenol
 Concen: 79.32 ng
 RT: 10.84 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF090341.D
 Acq: 4 Oct 2016 13:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	75.4	113.0
141	38.2	26.9	40.3

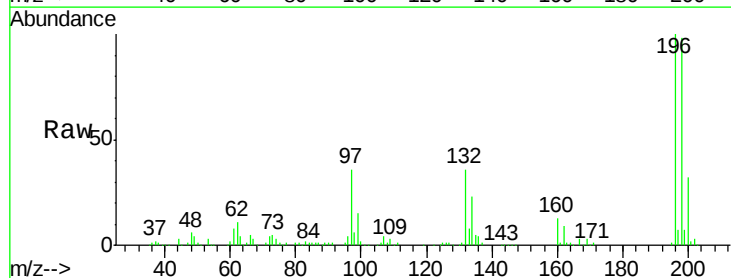


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

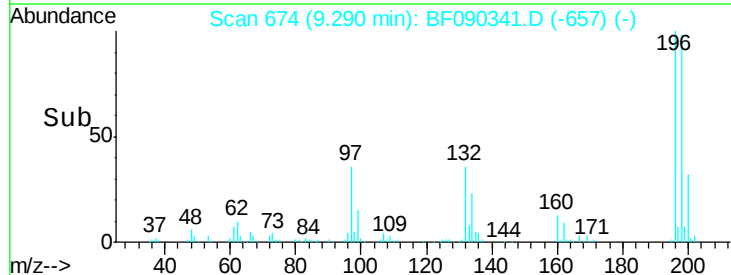
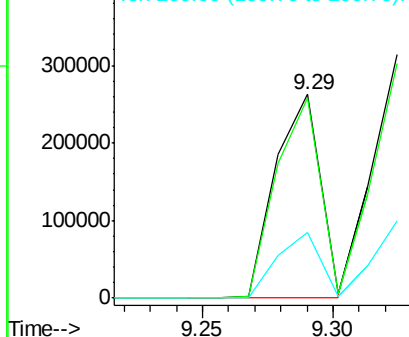


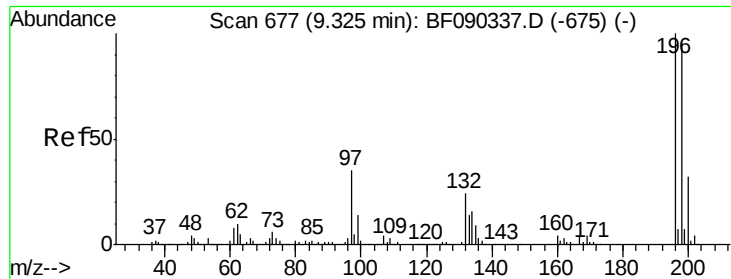
#42
 2,4,6-Trichlorophenol
 Concen: 39.95 ng
 RT: 9.29 min Scan# 674
 Delta R.T. 0.00 min
 Lab File: BF090341.D
 Acq: 4 Oct 2016 13:51

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.1	78.9	118.3
200	32.5	25.4	38.2



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

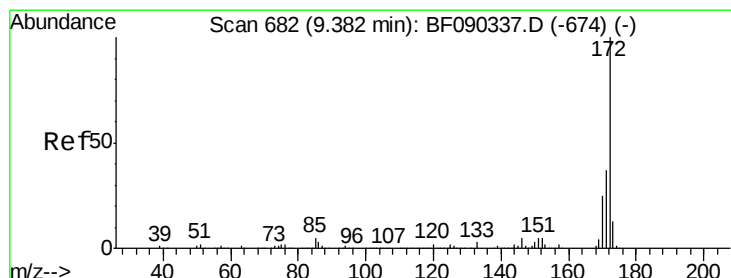
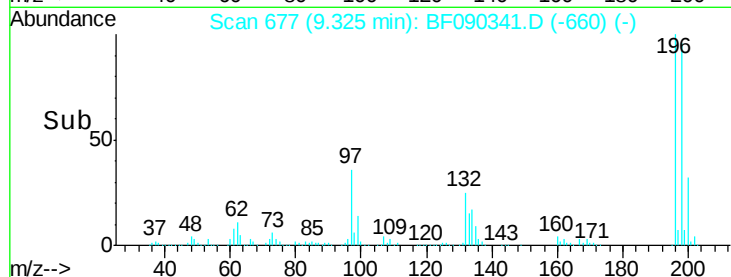
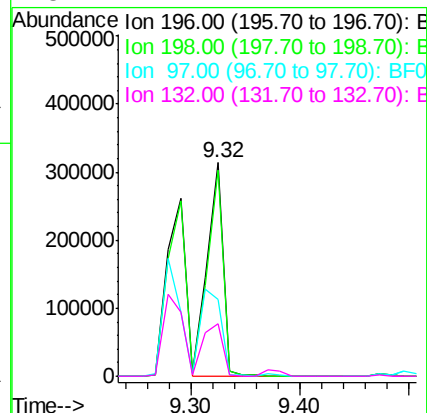
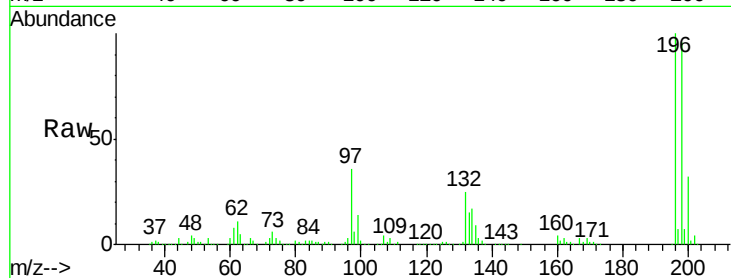




#43
 2,4,5-Trichlorophenol
 Concen: 41.17 ng
 RT: 9.32 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF090341.D
 Acq: 4 Oct 2016 13:51

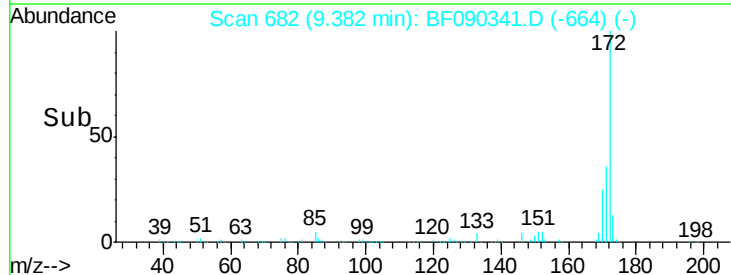
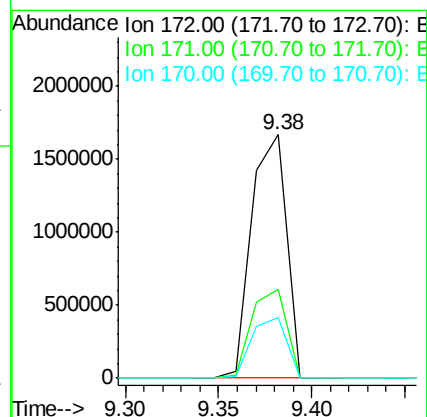
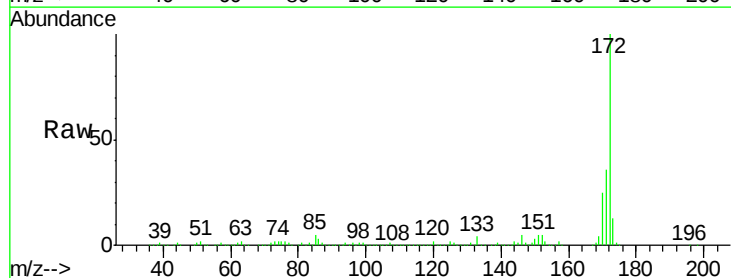
Instrument :
 BNA_F
 ClientSampleId :

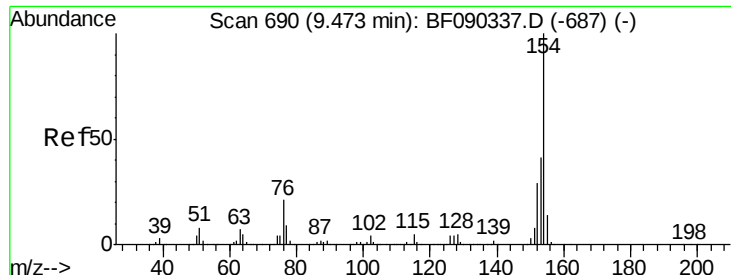
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.5	78.1	117.1
97	35.8	48.1	72.1#
132	24.7	27.4	41.2#



#44
 2-Fluorobiphenyl
 Concen: 79.84 ng
 RT: 9.38 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF090341.D
 Acq: 4 Oct 2016 13:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	31.8	47.8
170	24.9	21.7	32.5

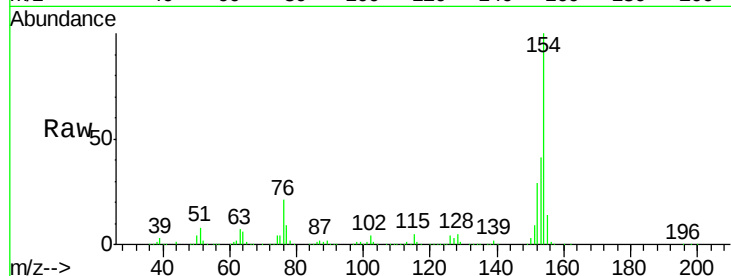




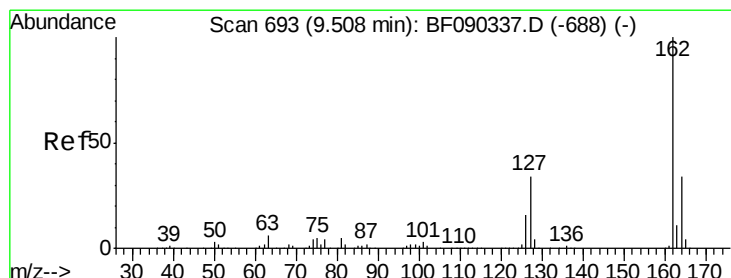
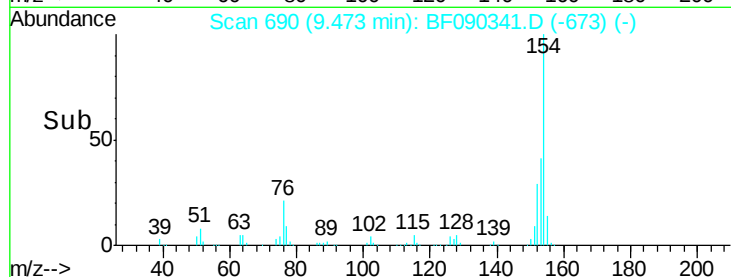
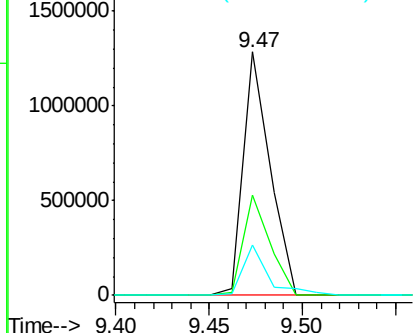
#45
 1,1'-Biphenyl
 Concen: 37.59 ng
 RT: 9.47 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: BF090341.D
 Acq: 4 Oct 2016 13:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1281316
 Ion Ratio Lower Upper
 154 100
 153 41.2 23.8 63.8
 76 20.7 0.0 35.8

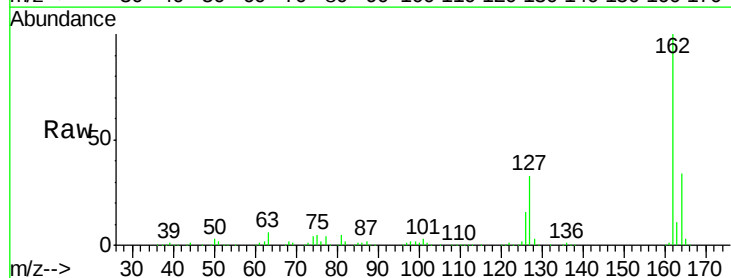


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

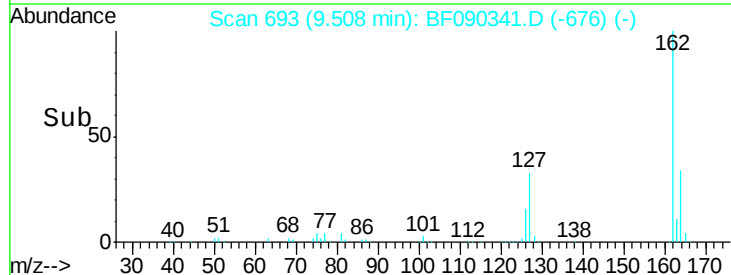
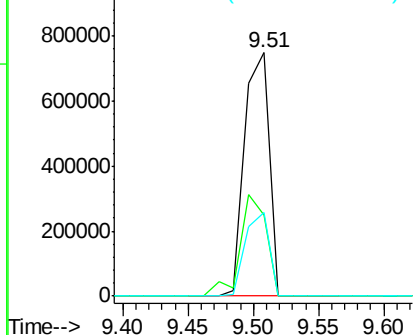


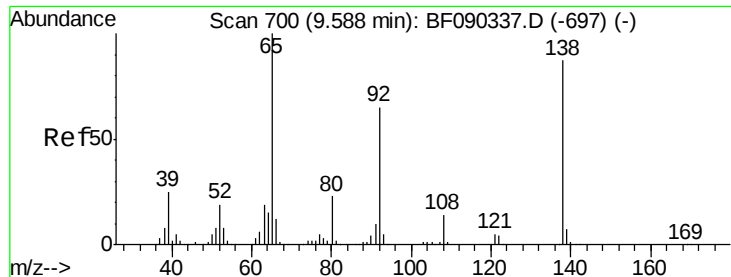
#46
 2-Chloronaphthalene
 Concen: 38.18 ng
 RT: 9.51 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: BF090341.D
 Acq: 4 Oct 2016 13:51

Tgt Ion:162 Resp: 976788
 Ion Ratio Lower Upper
 162 100
 127 33.1 35.6 53.4#
 164 34.3 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

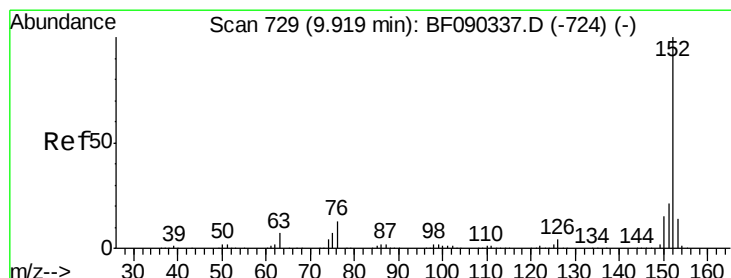
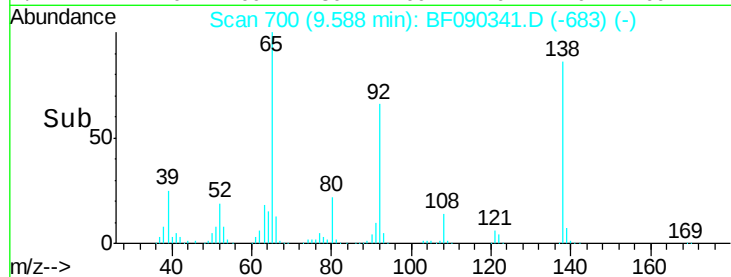
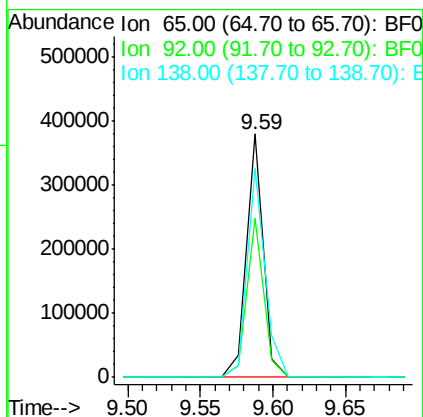
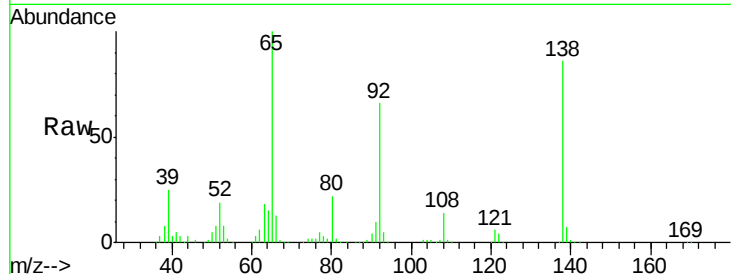




#47
 2-Nitroaniline
 Concen: 43.59 ng
 RT: 9.59 min Scan# 700
 Delta R.T. 0.00 min
 Lab File: BF090341.D
 Acq: 4 Oct 2016 13:51

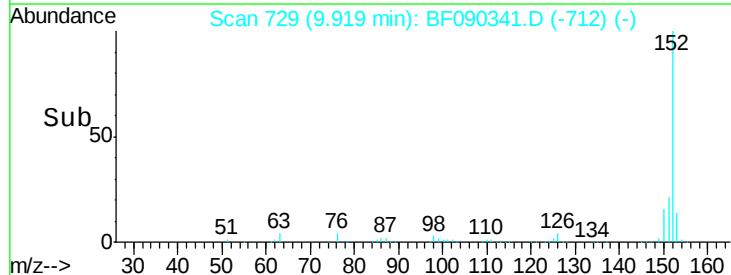
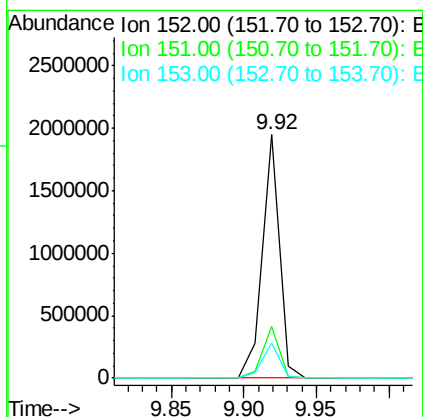
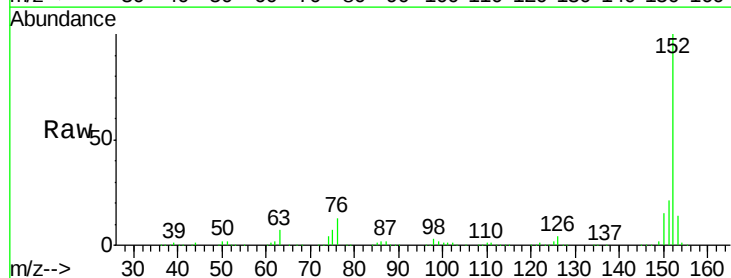
Instrument :
 BNA_F
 ClientSampleId :

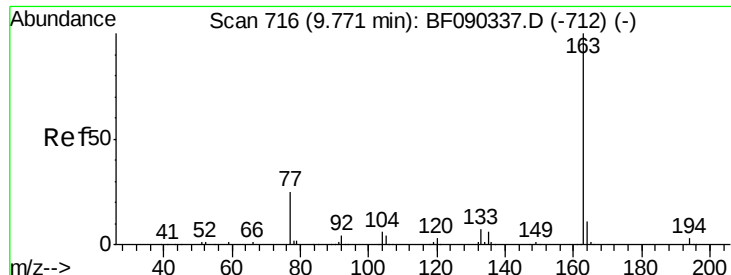
Tot Ion	Ratio	Lower	Upper
65	100		
92	65.6	51.7	77.5
138	86.1	79.0	118.4



#48
 Acenaphthylene
 Concen: 41.39 ng
 RT: 9.92 min Scan# 729
 Delta R.T. 0.00 min
 Lab File: BF090341.D
 Acq: 4 Oct 2016 13:51

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.4	26.0
153	14.1	11.6	17.4

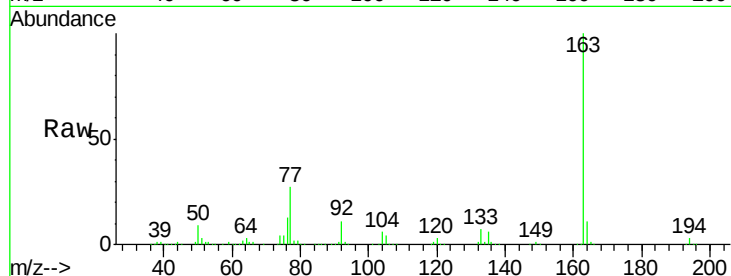




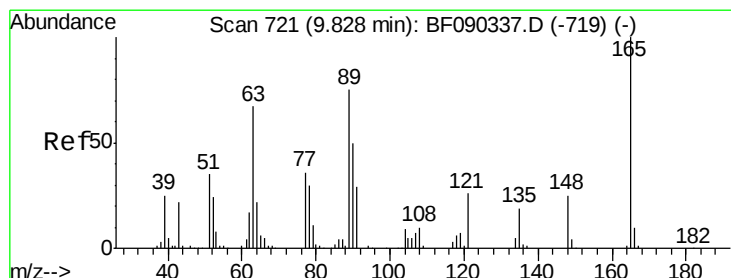
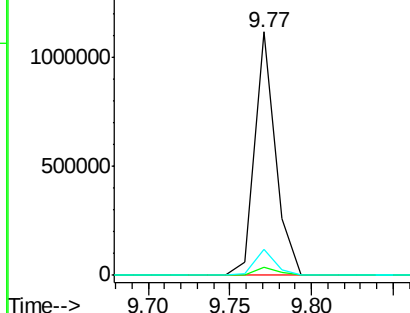
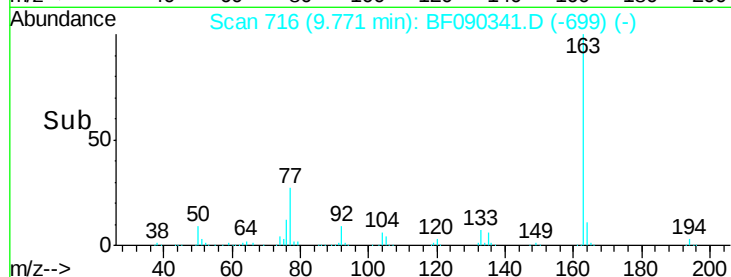
#49
Dimethylphthalate
Concen: 37.94 ng
RT: 9.77 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF090341.D
Acq: 4 Oct 2016 13:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 988590
Ion Ratio Lower Upper
163 100
194 3.1 2.8 4.2
164 10.9 9.0 13.4

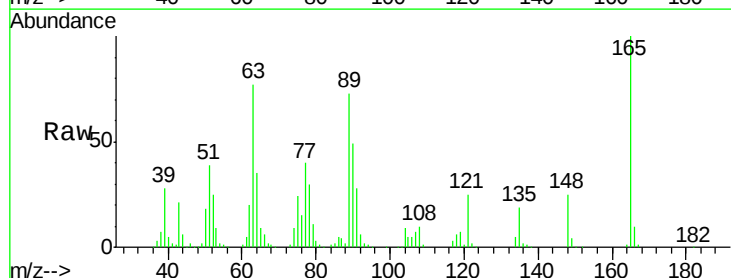


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

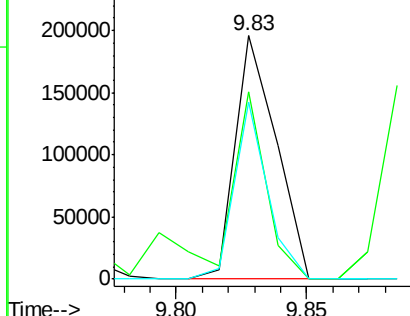
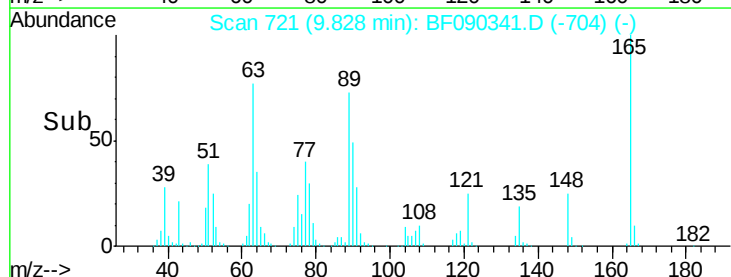


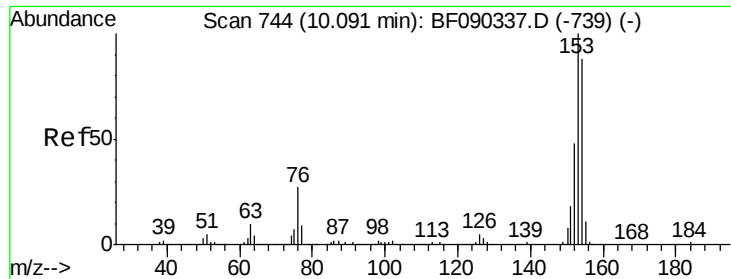
#50
2,6-Dinitrotoluene
Concen: 37.41 ng
RT: 9.83 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF090341.D
Acq: 4 Oct 2016 13:51

Tgt Ion:165 Resp: 213241
Ion Ratio Lower Upper
165 100
63 77.2 58.0 87.0
89 72.5 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: 40.31 ng

RT: 10.09 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

Instrument :

BNA_F

ClientSampleId :

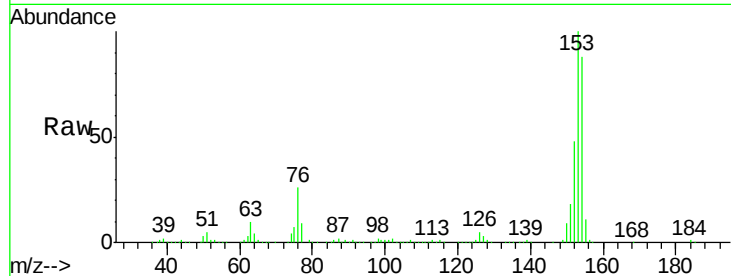
Tot Ion:154 Resp: 949266

Ion Ratio Lower Upper

154 100

153 113.9 88.6 133.0

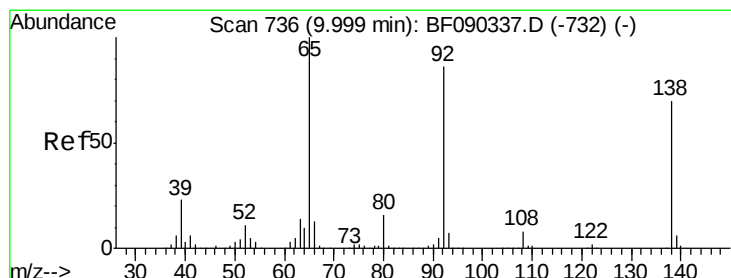
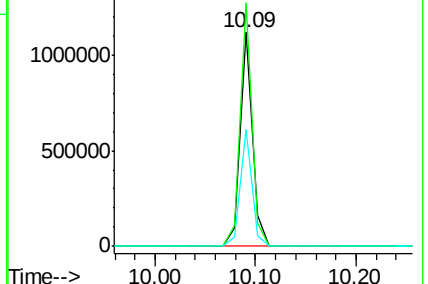
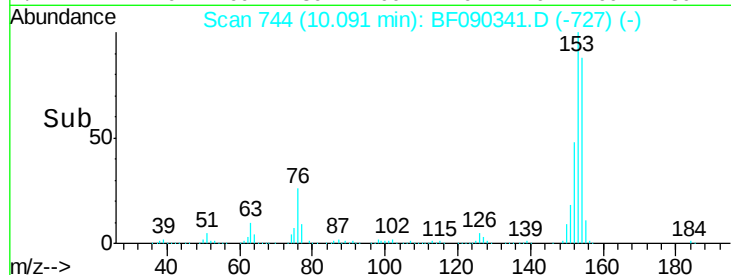
152 55.0 42.6 64.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 41.92 ng

RT: 10.00 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

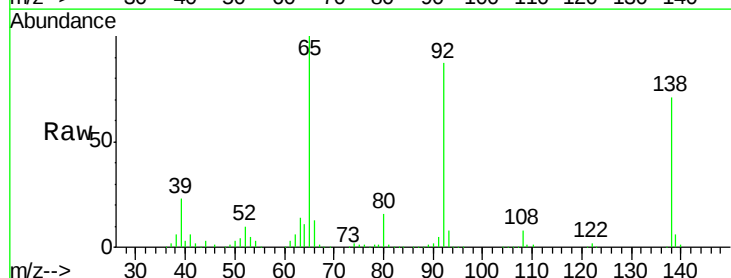
Tgt Ion:138 Resp: 270697

Ion Ratio Lower Upper

138 100

108 10.8 9.7 14.5

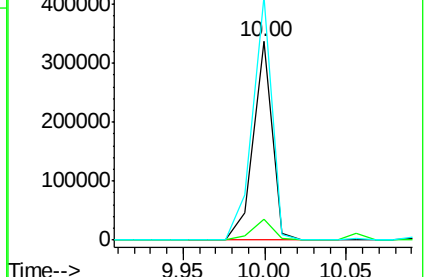
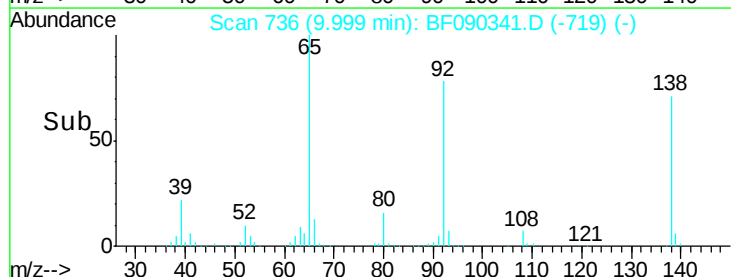
92 122.8 97.1 145.7

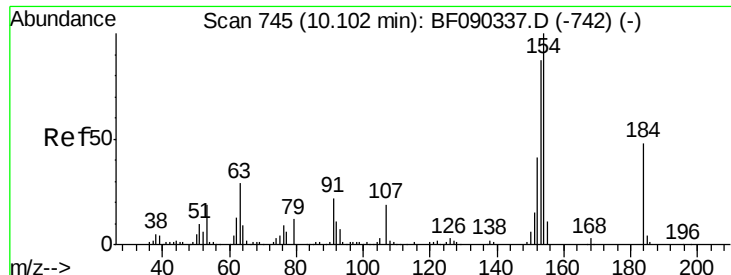


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

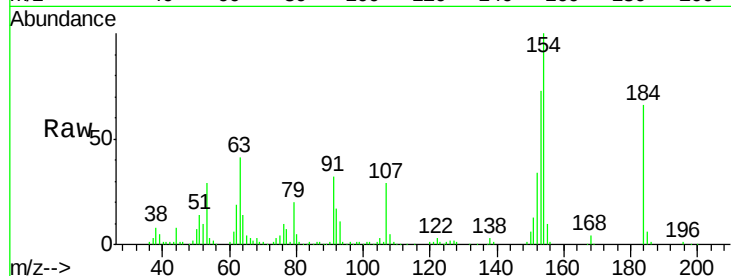




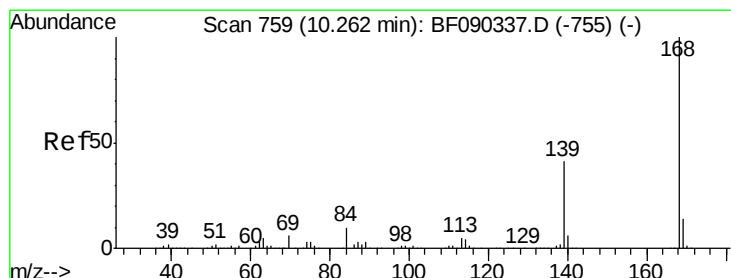
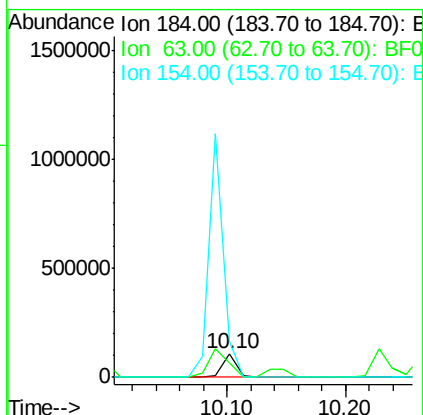
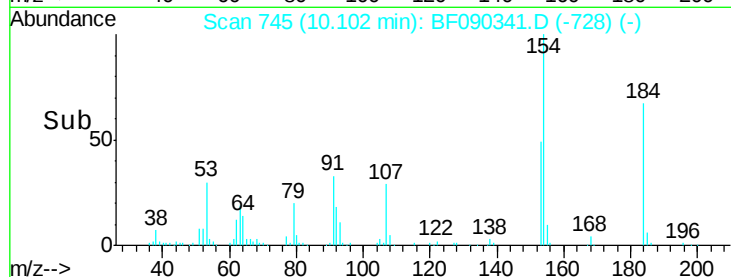
#53
2,4-Dinitrophenol
Concen: 44.48 ng
RT: 10.10 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF090341.D
Acq: 4 Oct 2016 13:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 86008
Ion Ratio Lower Upper
184 100
63 61.6 41.9 62.9
154 150.6 48.9 73.3#

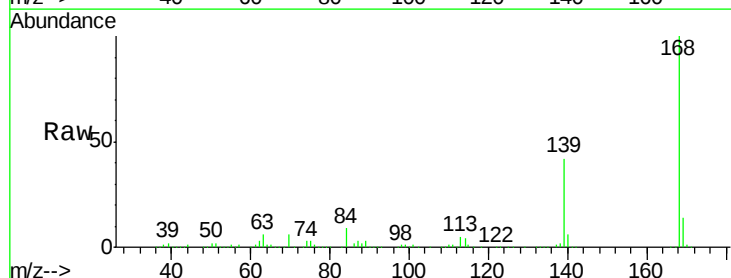


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

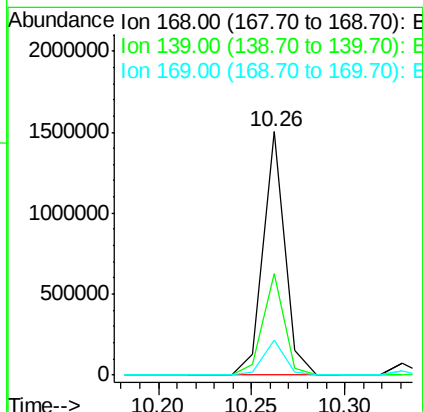
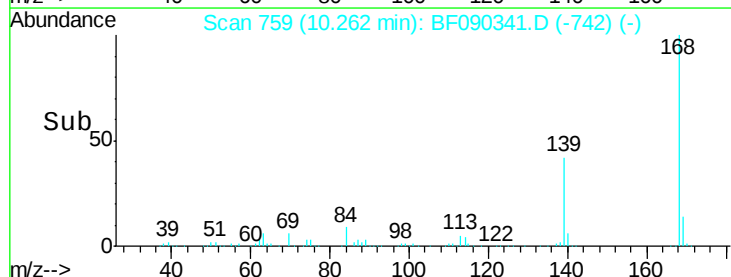


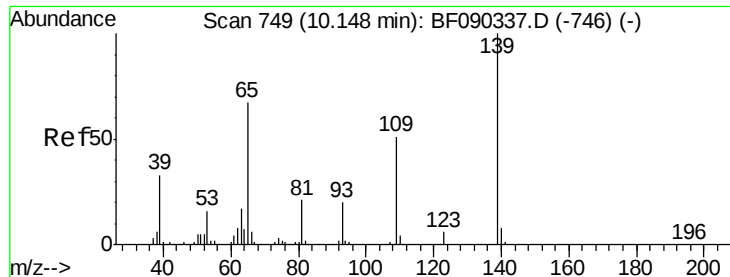
#54
Dibenzofuran
Concen: 39.36 ng
RT: 10.26 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF090341.D
Acq: 4 Oct 2016 13:51

Tgt Ion:168 Resp: 1225880
Ion Ratio Lower Upper
168 100
139 41.8 29.6 44.4
169 14.1 11.3 16.9



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





#55

4-Nitrophenol

Concen: 43.88 ng

RT: 10.15 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

Instrument :

BNA_F

ClientSampleId :

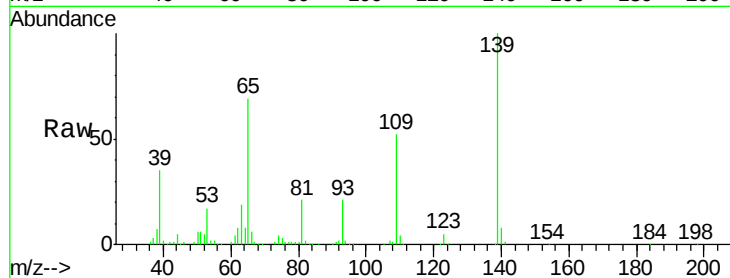
Tot Ion:139 Resp: 225623

Ion Ratio Lower Upper

139 100

109 51.6 43.6 83.6

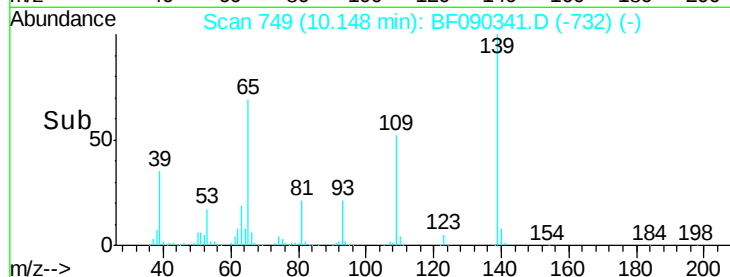
65 68.5 87.5 127.5#



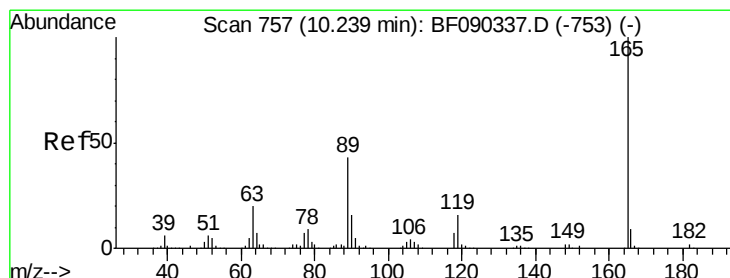
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



Time-->



#56

2,4-Dinitrotoluene

Concen: 39.71 ng

RT: 10.24 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

Tgt Ion:165 Resp: 272499

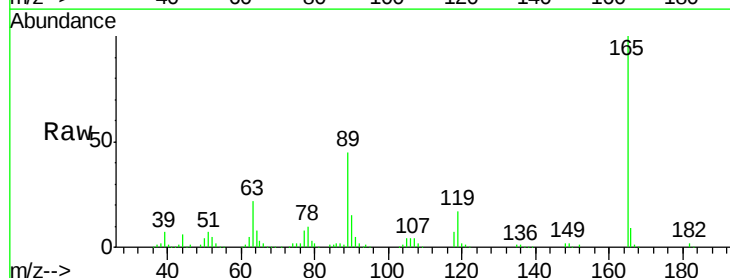
Ion Ratio Lower Upper

165 100

63 22.1 17.8 26.6

89 44.5 33.2 49.8

182 2.2 2.1 3.1

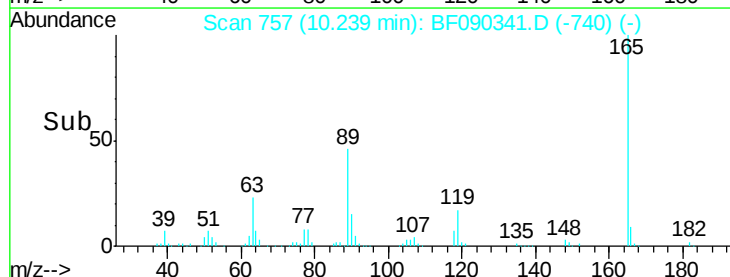


Abundance Ion 165.00 (164.70 to 165.70): E

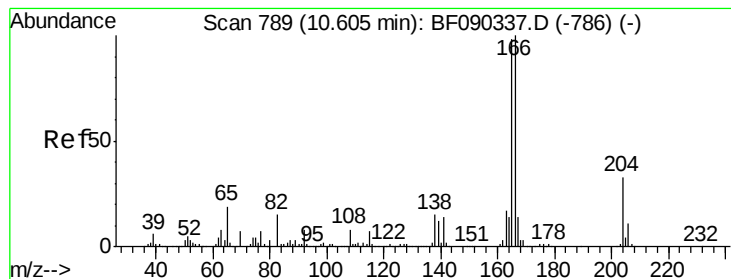
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



Time-->



#57

Fluorene

Concen: 38.59 ng

RT: 10.60 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

Instrument :

BNA_F

ClientSampleId :

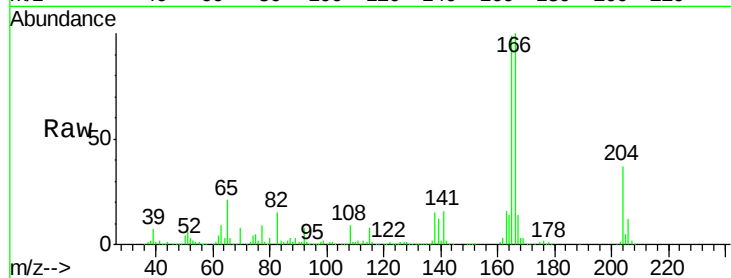
Tot Ion:166 Resp: 1005303

Ion Ratio Lower Upper

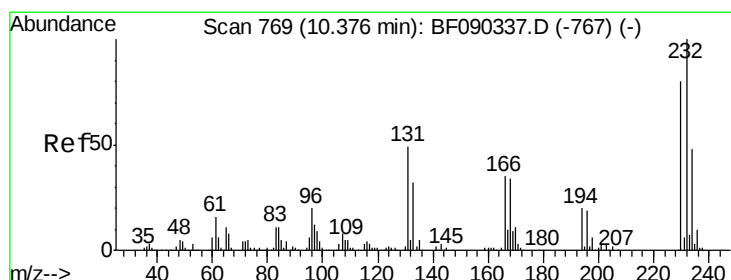
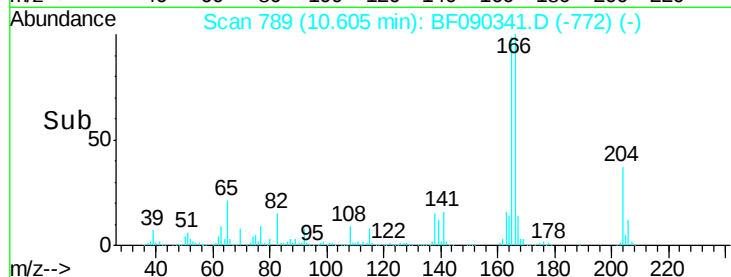
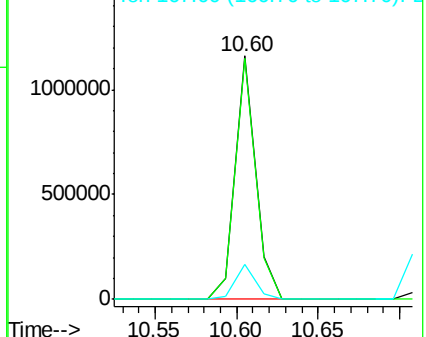
166 100

165 99.0 79.2 118.8

167 14.4 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: 42.55 ng

RT: 10.38 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

Tgt Ion:232 Resp: 236007

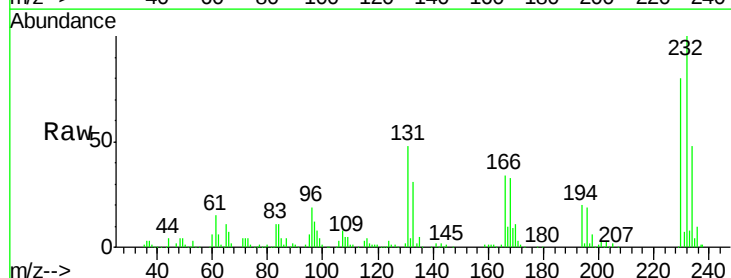
Ion Ratio Lower Upper

232 100

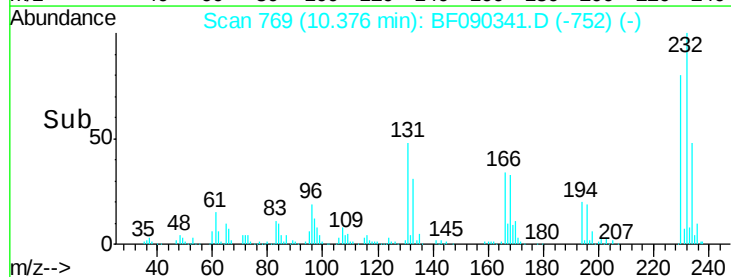
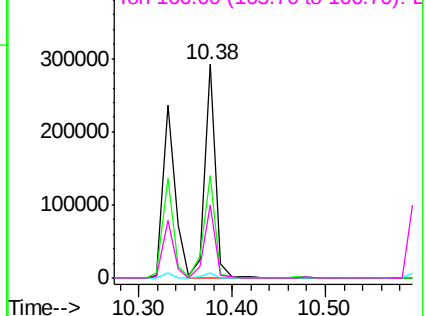
131 51.4 34.5 51.7

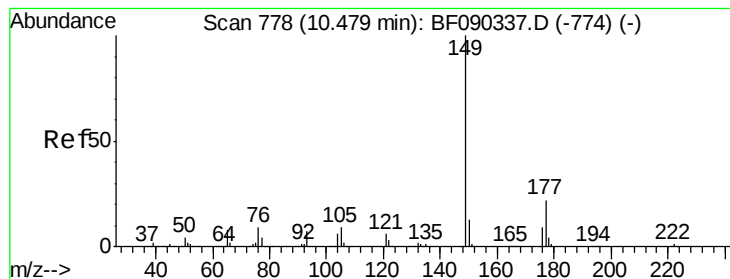
130 2.3 1.6 2.4

166 34.9 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: 40.19 ng

RT: 10.48 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

Instrument :

BNA_F

ClientSampleId :

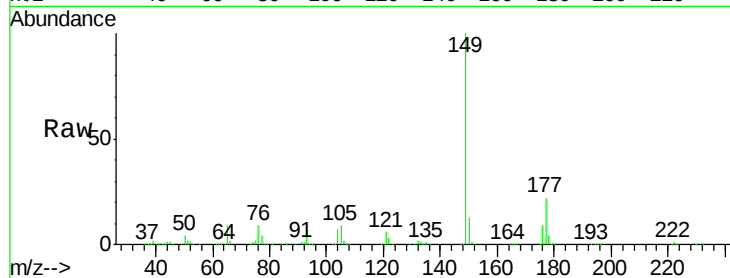
Tot Ion:149 Resp: 1070488

Ion Ratio Lower Upper

149 100

177 22.3 21.1 31.7

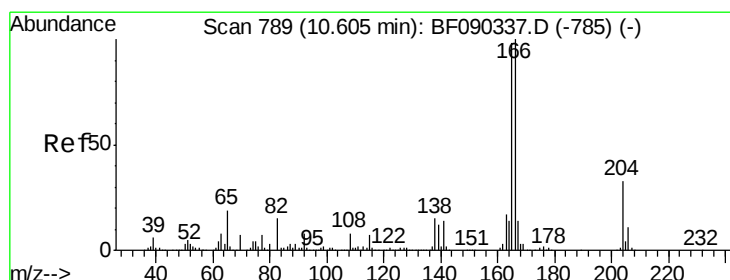
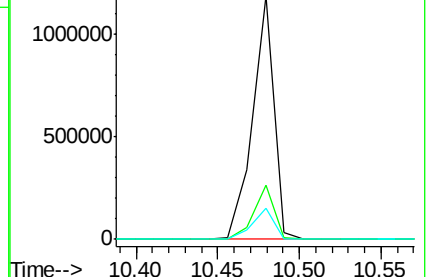
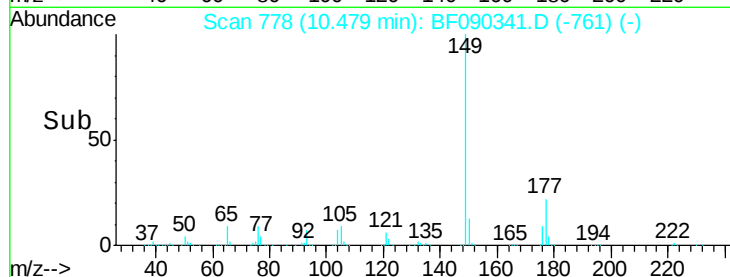
150 12.7 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 38.70 ng

RT: 10.60 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

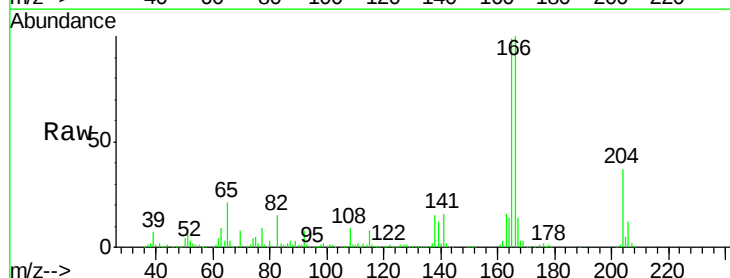
Tgt Ion:204 Resp: 478054

Ion Ratio Lower Upper

204 100

206 33.2 26.7 40.1

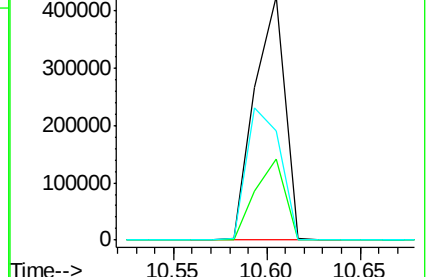
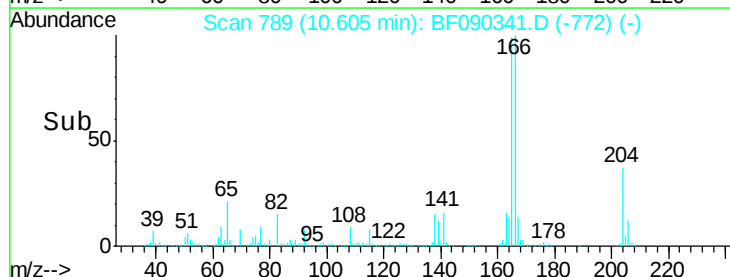
141 44.6 51.7 77.5#

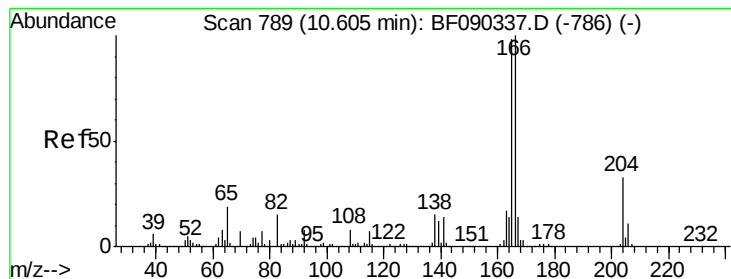


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 44.08 ng

RT: 10.62 min Scan# 790

Delta R.T. 0.01 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

Instrument :

BNA_F

ClientSampled :

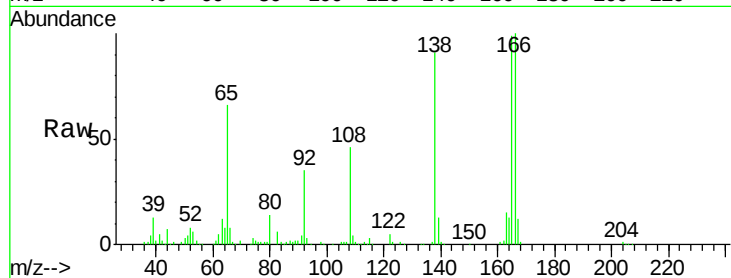
Tot Ion:138 Resp: 256028

Ion Ratio Lower Upper

138 100

92 37.9 33.2 73.2

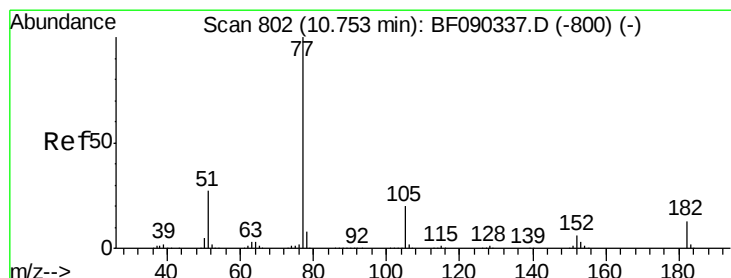
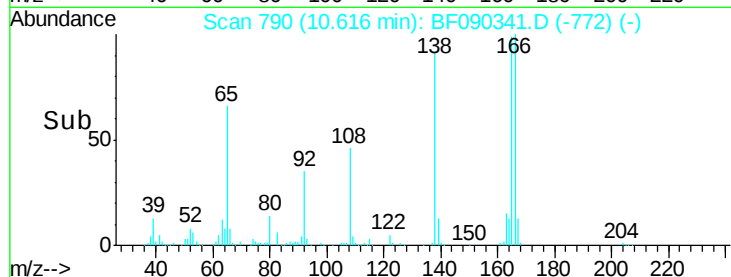
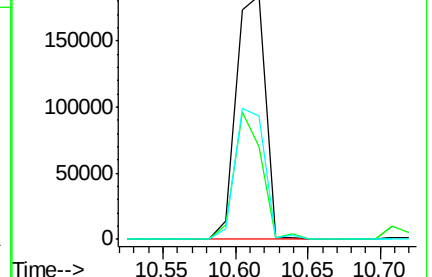
108 50.7 48.5 88.5



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: 37.47 ng

RT: 10.75 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

Tgt Ion: 77 Resp: 1040155

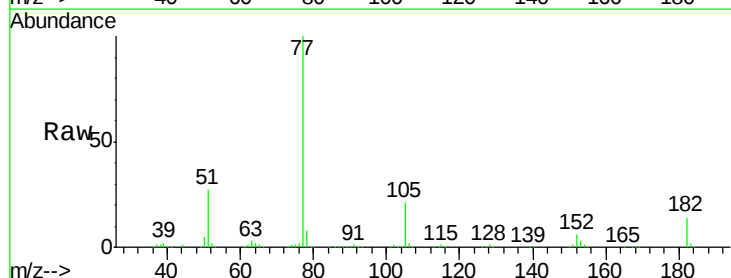
Ion Ratio Lower Upper

77 100

182 13.6 3.2 43.2

105 20.8 2.9 42.9

51 27.4 14.2 54.2

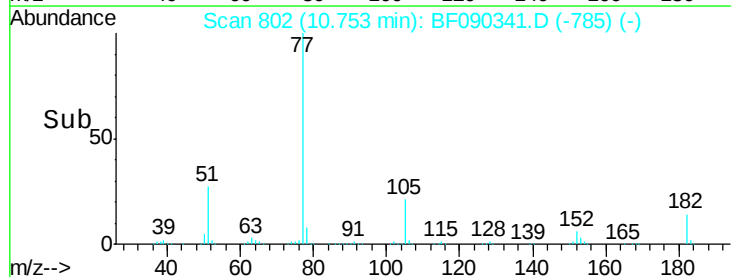
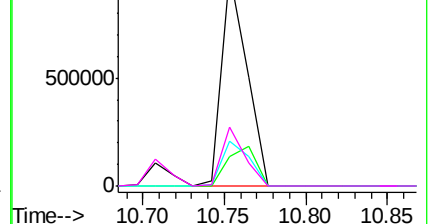


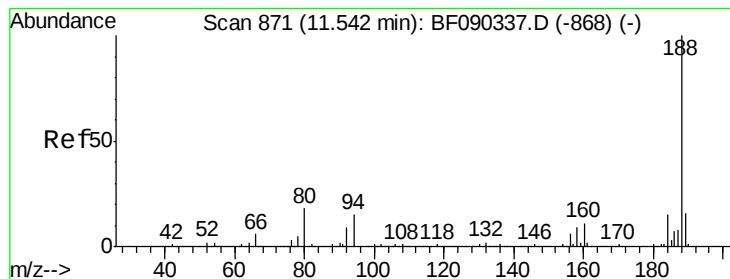
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.54 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

Instrument :

BNA_F

ClientSampleId :

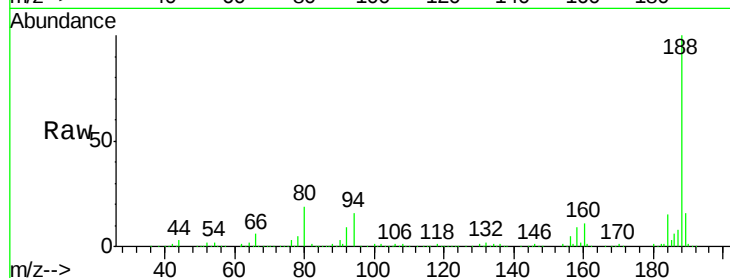
Tot Ion:188 Resp: 620111

Ion Ratio Lower Upper

188 100

94 16.3 8.2 12.2#

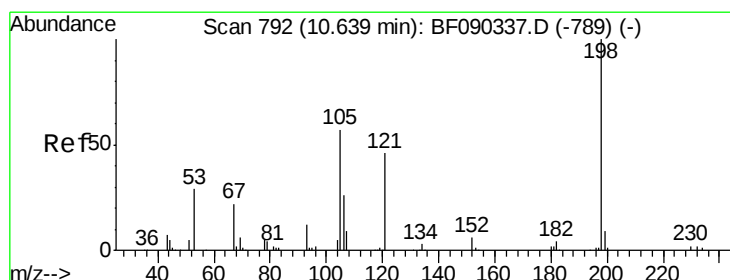
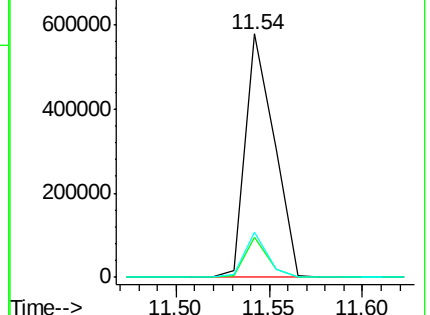
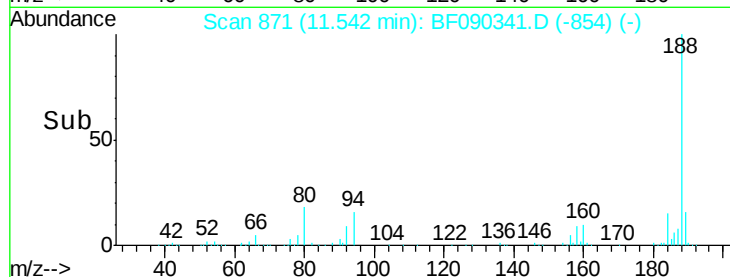
80 18.7 8.8 13.2#



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: 42.69 ng

RT: 10.64 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

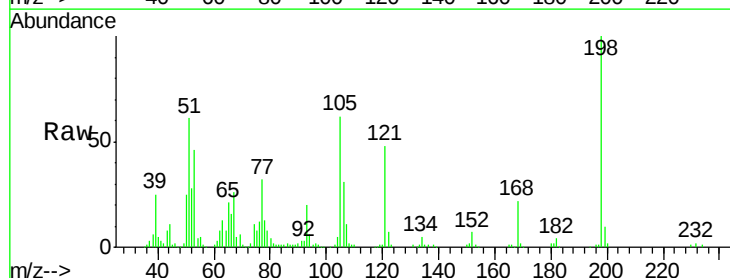
Tgt Ion:198 Resp: 114761

Ion Ratio Lower Upper

198 100

51 60.9 67.3 107.3#

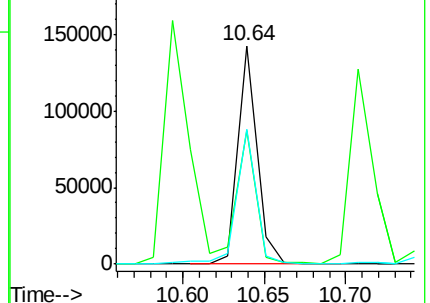
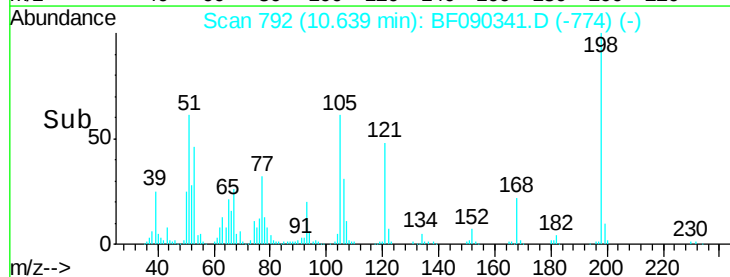
105 61.5 42.6 82.6

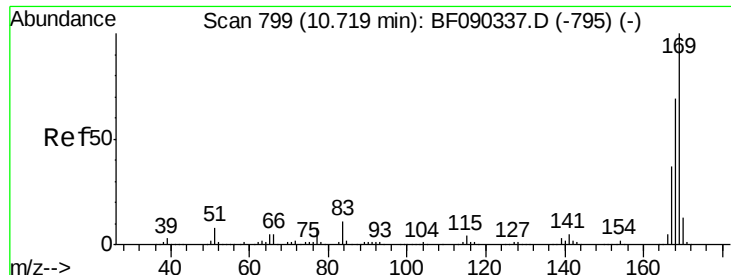


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

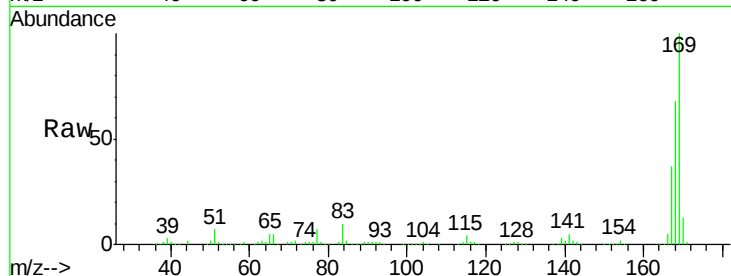




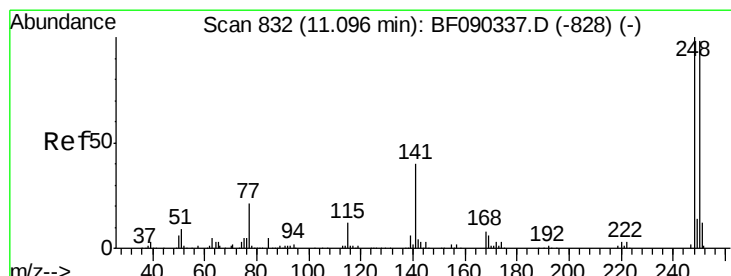
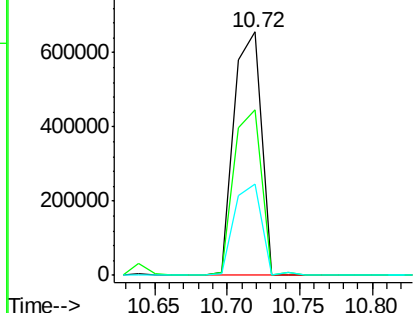
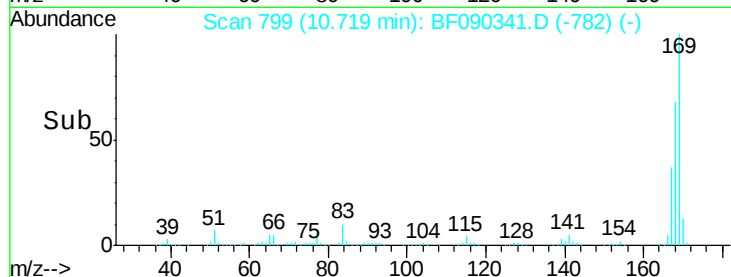
#65
 n-Nitrosodiphenylamine
 Concen: 40.57 ng
 RT: 10.72 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF090341.D
 Acq: 4 Oct 2016 13:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 857824
 Ion Ratio Lower Upper
 169 100
 168 67.9 53.8 80.6
 167 37.3 29.8 44.8

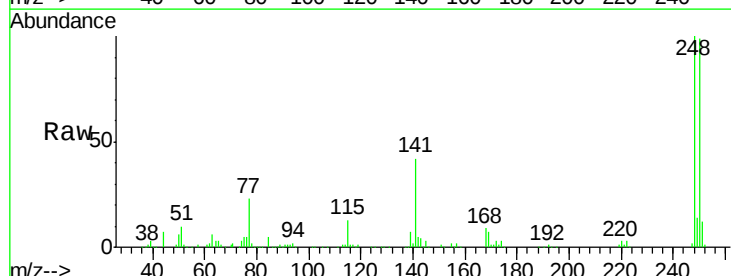


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

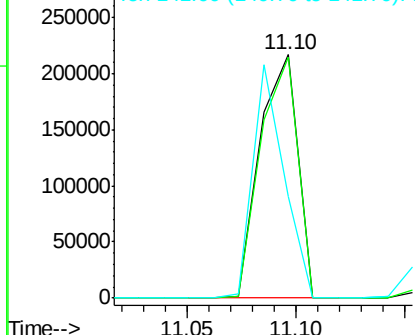
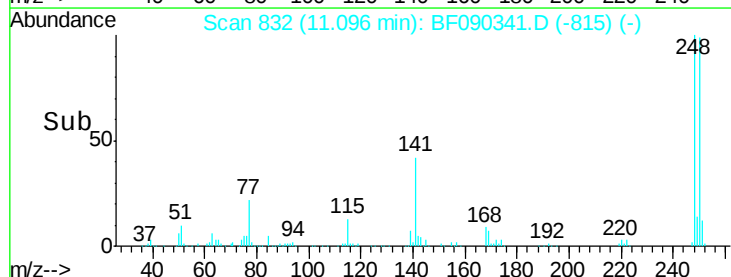


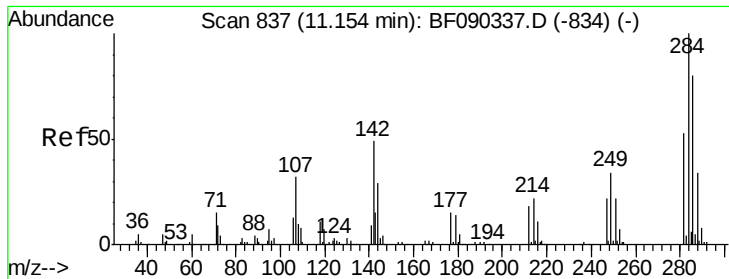
#66
 4-Bromophenyl-phenylether
 Concen: 39.32 ng
 RT: 11.10 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF090341.D
 Acq: 4 Oct 2016 13:51

Tgt Ion:248 Resp: 263496
 Ion Ratio Lower Upper
 248 100
 250 99.3 76.5 114.7
 141 41.9 59.8 89.6#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

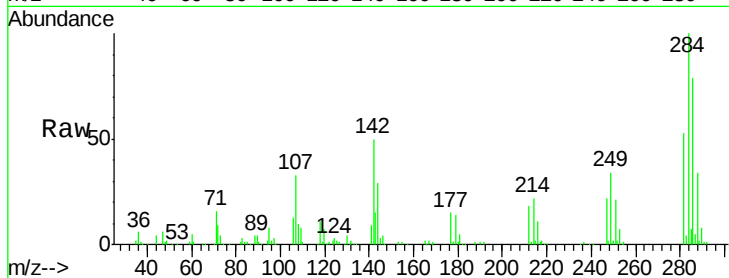




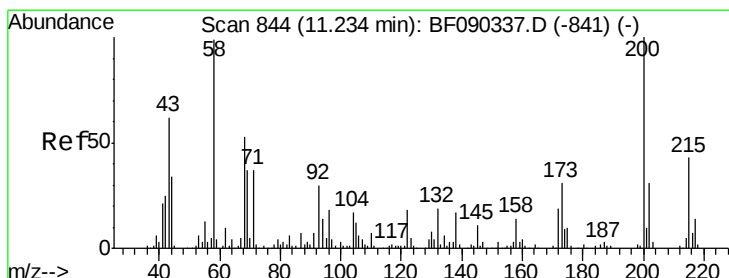
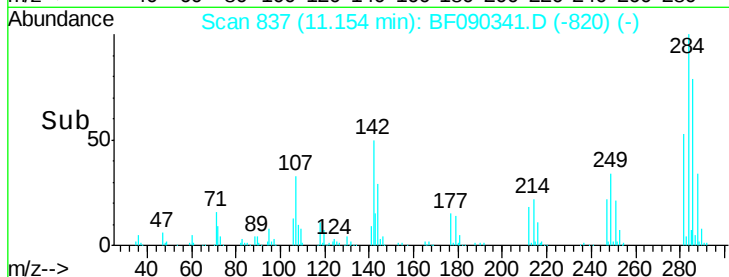
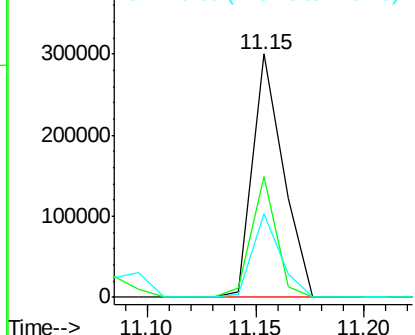
#67
Hexachlorobenzene
Concen: 37.42 ng
RT: 11.15 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF090341.D
Acq: 4 Oct 2016 13:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	49.7	23.1	34.7#
249	34.3	26.3	39.5

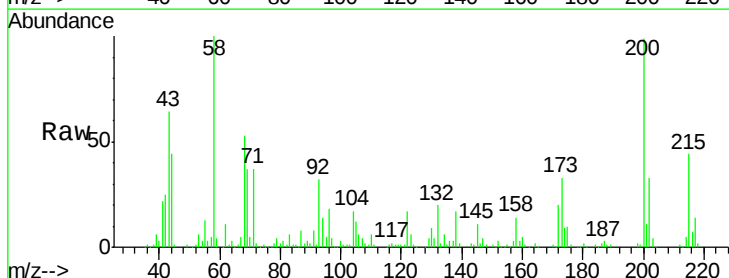


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

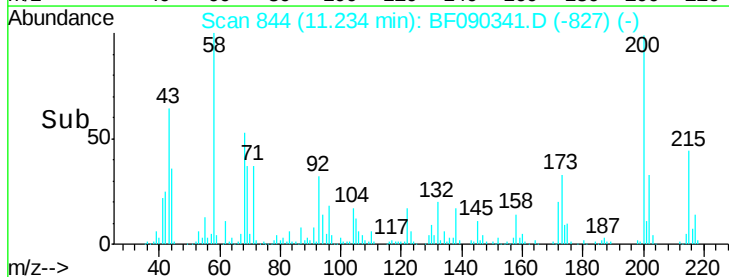
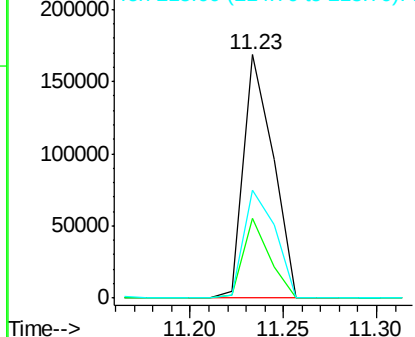


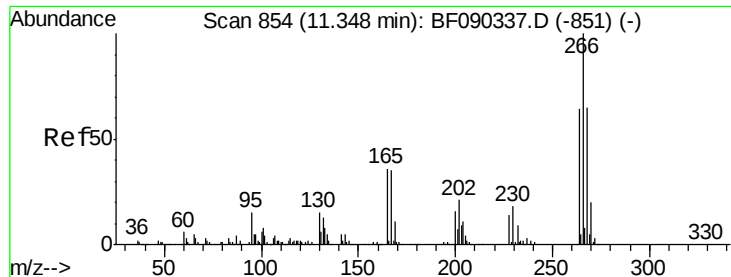
#68
Atrazine
Concen: 36.47 ng
RT: 11.23 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF090341.D
Acq: 4 Oct 2016 13:51

Tgt Ion	Ratio	Lower	Upper
200	100		
173	32.9	9.0	49.0
215	44.3	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

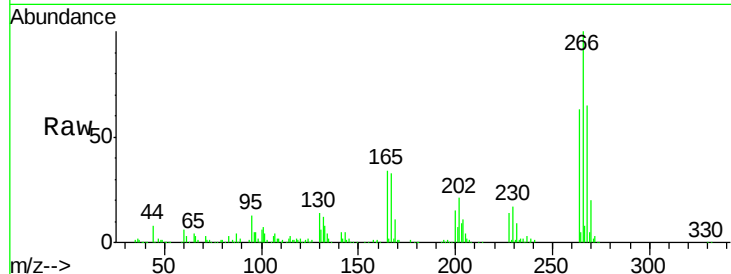




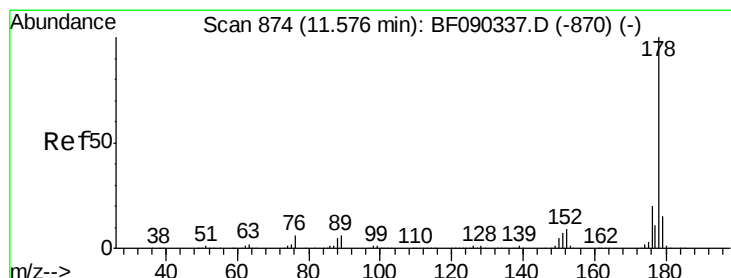
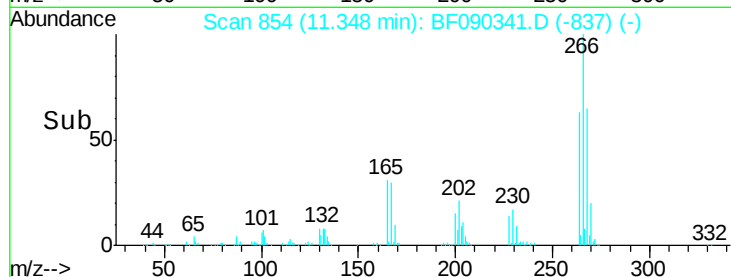
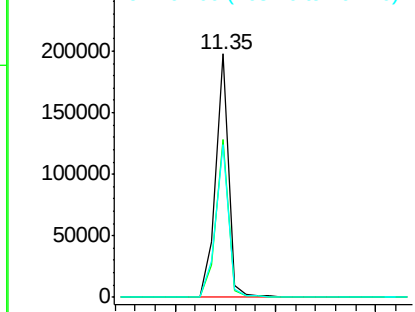
#69
 Pentachlorophenol
 Concen: 40.28 ng
 RT: 11.35 min Scan# 854
 Delta R.T. 0.00 min
 Lab File: BF090341.D
 Acq: 4 Oct 2016 13:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 177838
 Ion Ratio Lower Upper
 266 100
 268 65.1 50.9 76.3
 264 62.6 51.5 77.3

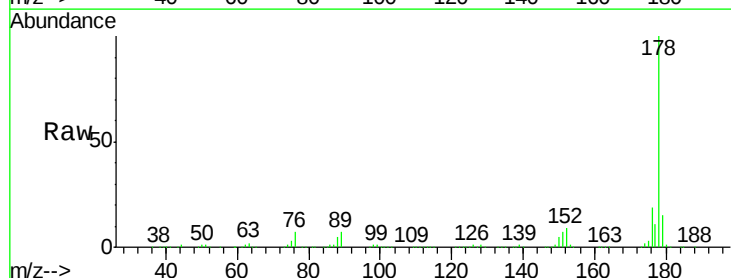


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

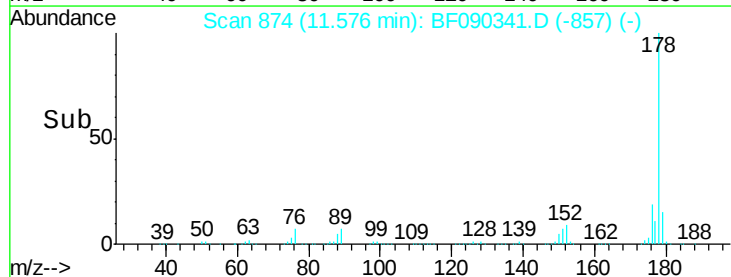
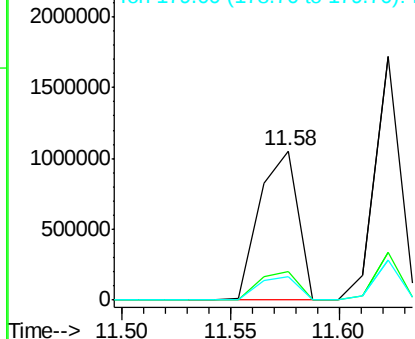


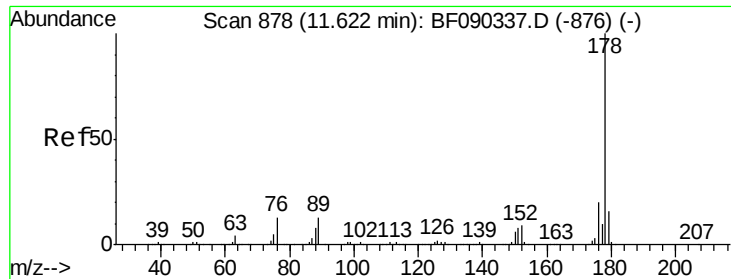
#70
 Phenanthrene
 Concen: 39.16 ng
 RT: 11.58 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: BF090341.D
 Acq: 4 Oct 2016 13:51

Tgt Ion:178 Resp: 1302629
 Ion Ratio Lower Upper
 178 100
 176 19.4 17.3 25.9
 179 15.3 13.8 20.6



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

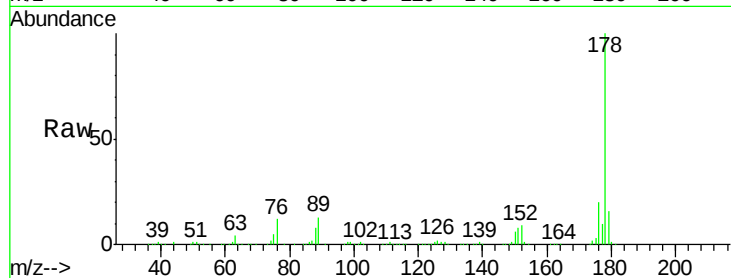




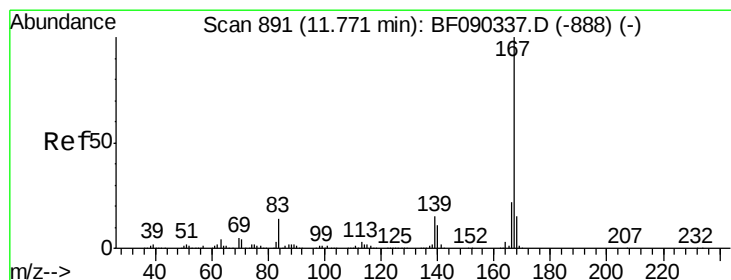
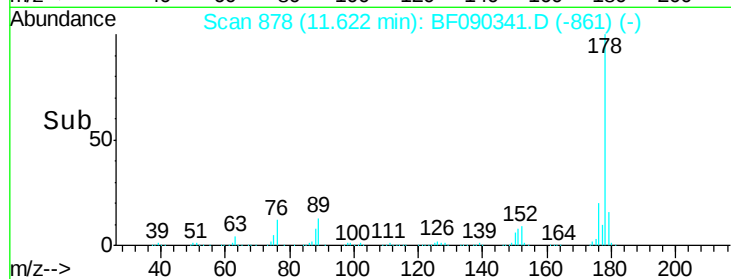
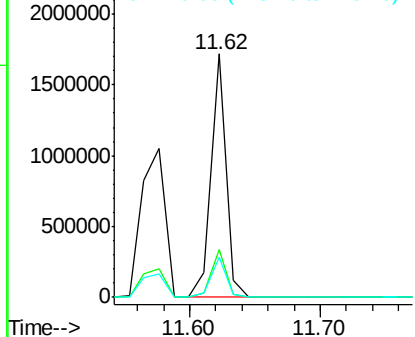
#71
 Anthracene
 Concen: 41.69 ng
 RT: 11.62 min Scan# 878
 Delta R.T. 0.00 min
 Lab File: BF090341.D
 Acq: 4 Oct 2016 13:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 1384648
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.8 25.2
 179 16.3 13.4 20.2

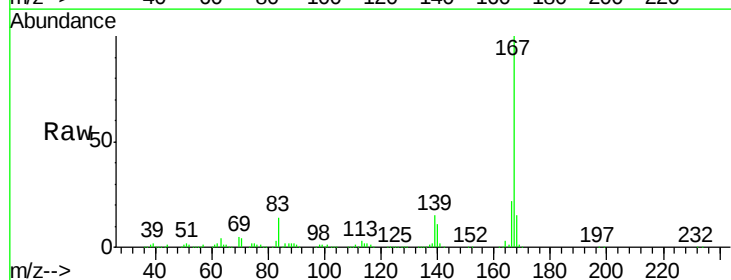


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

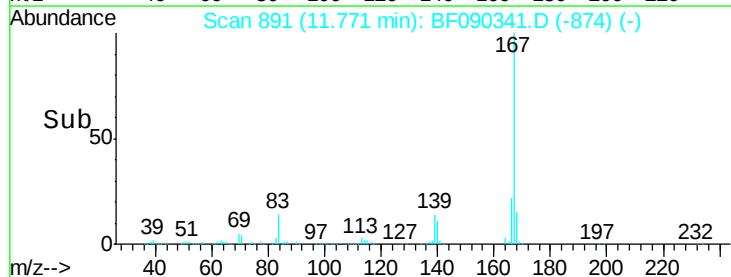
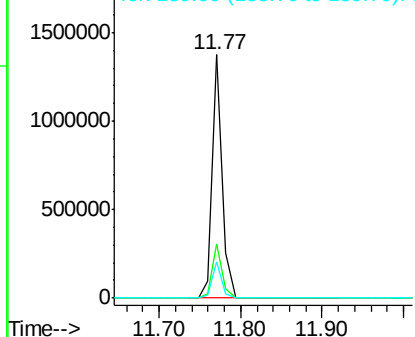


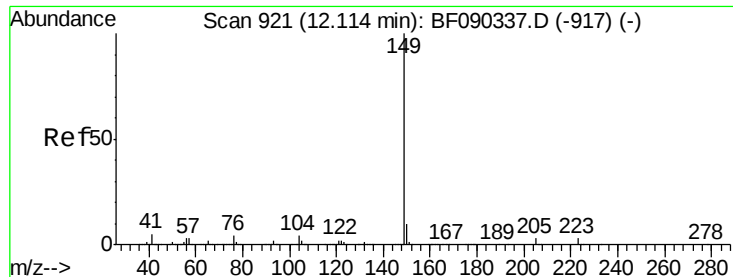
#72
 Carbazole
 Concen: 39.06 ng
 RT: 11.77 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BF090341.D
 Acq: 4 Oct 2016 13:51

Tgt Ion:167 Resp: 1192331
 Ion Ratio Lower Upper
 167 100
 166 22.3 19.1 28.7
 139 14.9 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: 40.68 ng

RT: 12.11 min Scan# 921

Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

Instrument :

BNA_F

ClientSampleId :

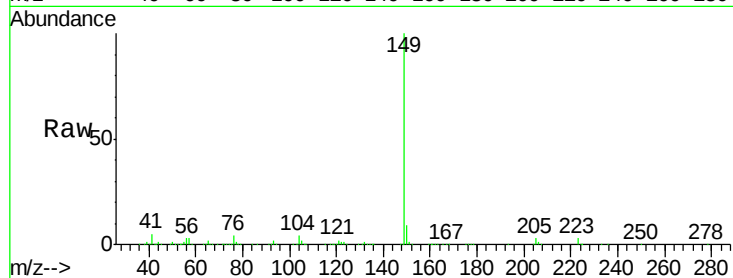
Tot Ion:149 Resp: 1484086

Ion Ratio Lower Upper

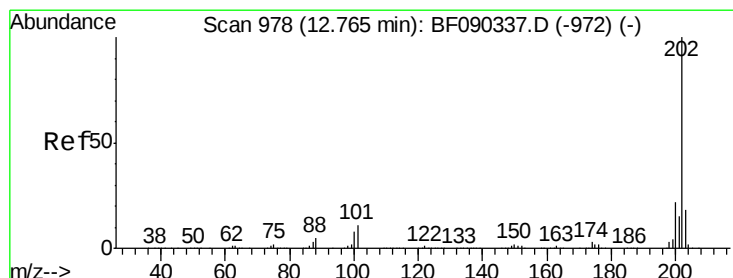
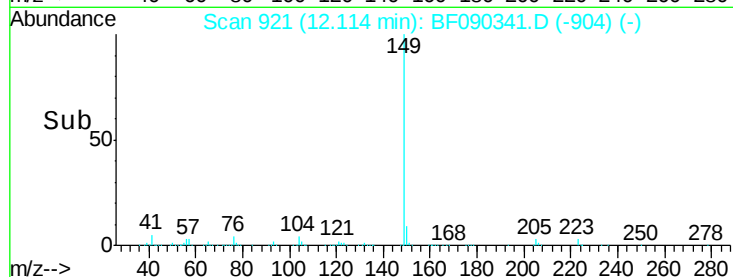
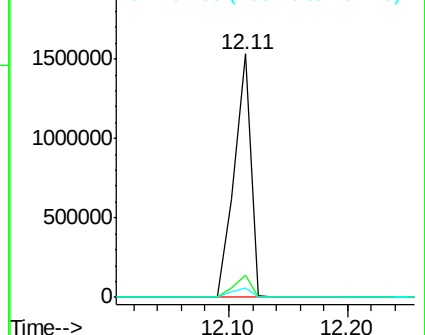
149 100

150 9.4 8.6 12.8

104 4.1 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: 40.98 ng

RT: 12.77 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

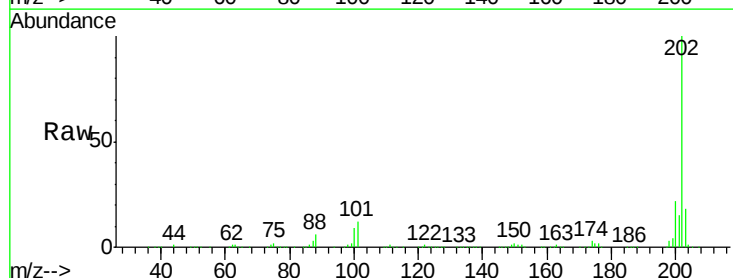
Tgt Ion:202 Resp: 1293230

Ion Ratio Lower Upper

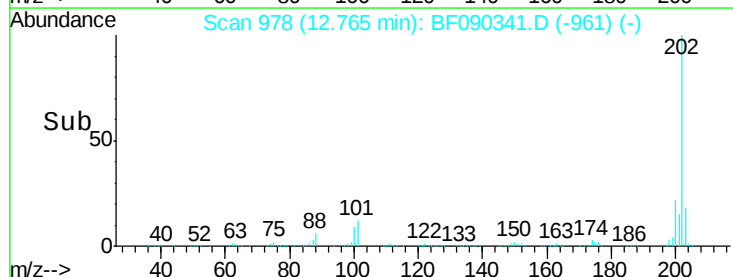
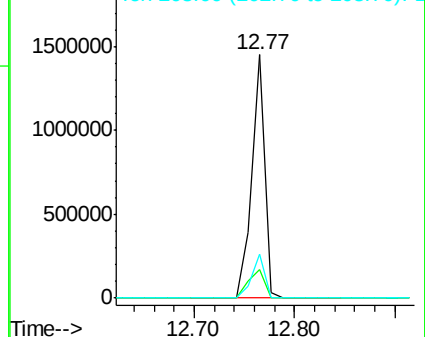
202 100

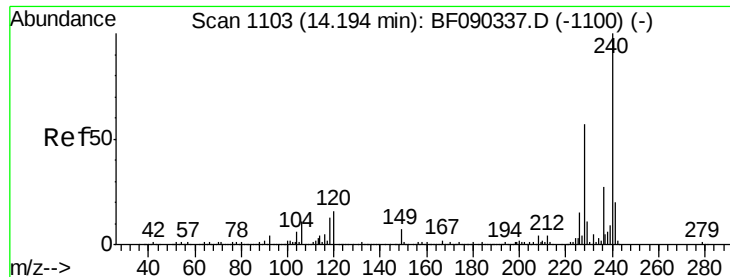
101 12.0 0.0 37.2

203 18.2 0.0 39.3



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.19 min Scan# 1103

Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

Instrument :

BNA_F

ClientSampleId :

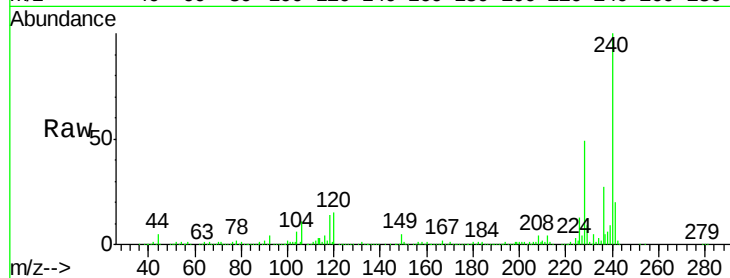
Tot Ion:240 Resp: 502105

Ion Ratio Lower Upper

240 100

120 15.4 8.6 13.0#

236 26.8 21.6 32.4

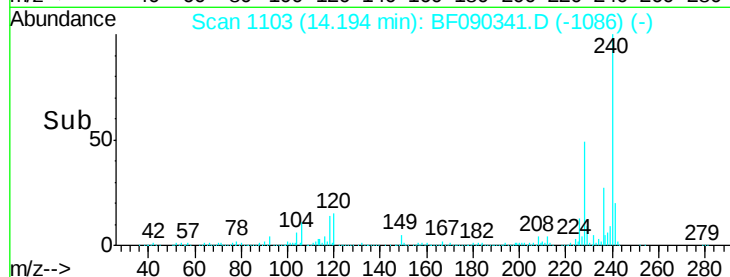


Abundance Ion 240.00 (239.70 to 240.70): E

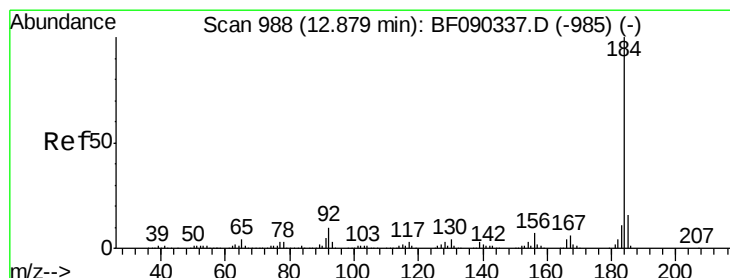
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

14.19



Time--> 14.10 14.20 14.30



#76

Benzidine

Concen: 40.62 ng

RT: 12.88 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

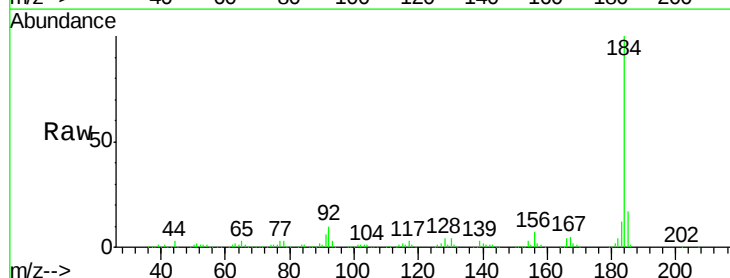
Tgt Ion:184 Resp: 560805

Ion Ratio Lower Upper

184 100

185 17.2 11.8 17.8

183 11.6 9.6 14.4

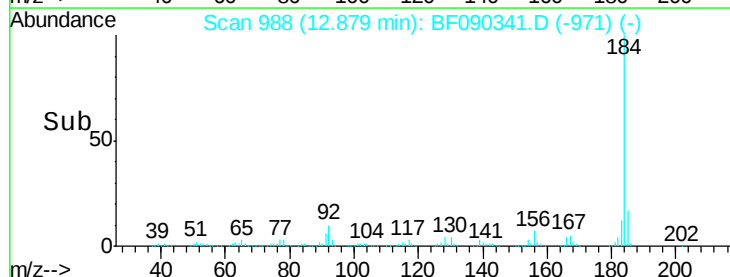


Abundance Ion 184.00 (183.70 to 184.70): E

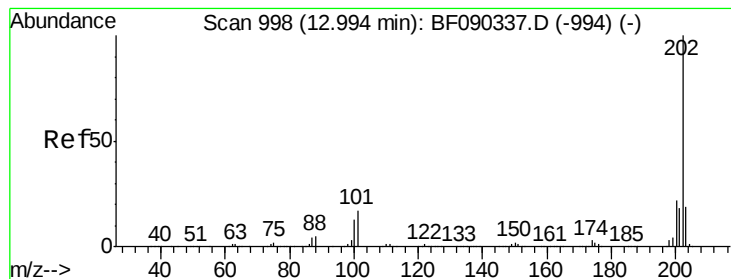
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.88



Time--> 12.80 12.90 13.00



#77

Pvrene

Concen: 40.98 ng

RT: 12.99 min Scan# 998

Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

Instrument :

BNA_F

ClientSampleId :

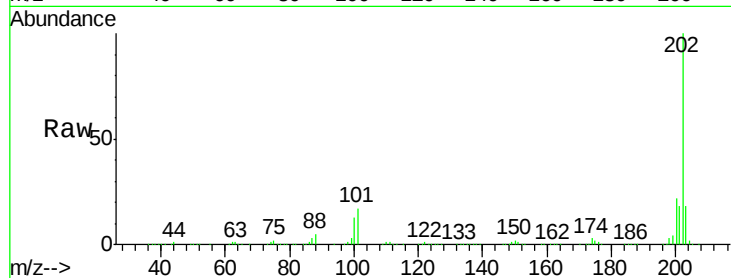
Tot Ion:202 Resp: 1317362

Ion Ratio Lower Upper

202 100

200 22.2 18.5 27.7

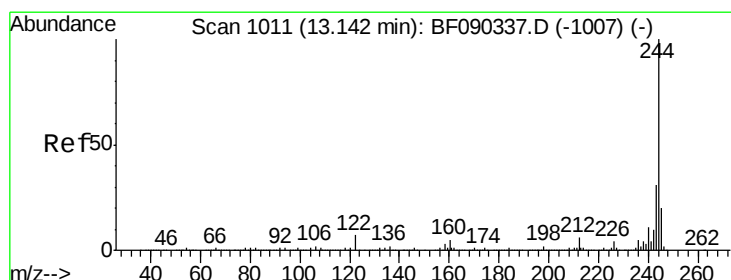
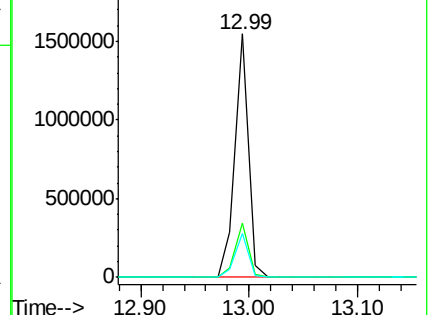
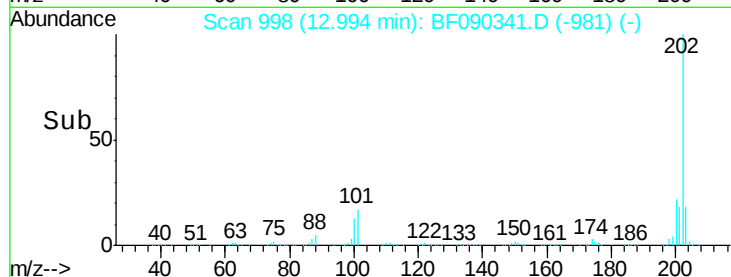
203 18.2 15.0 22.6



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: 79.41 ng

RT: 13.14 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

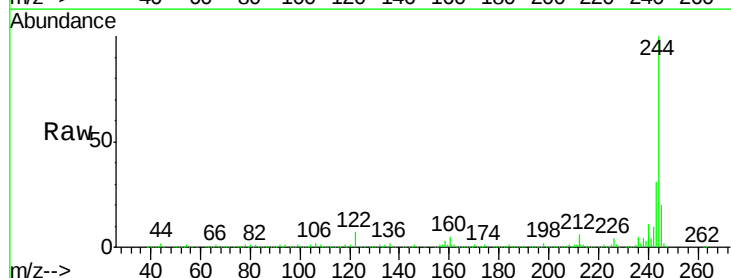
Tgt Ion:244 Resp: 1712604

Ion Ratio Lower Upper

244 100

212 6.3 6.8 10.2#

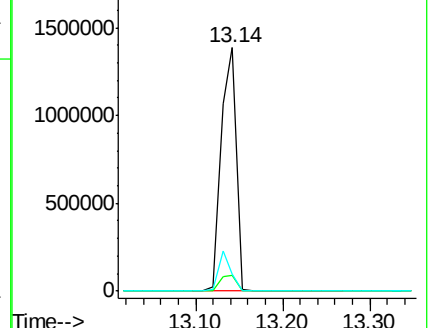
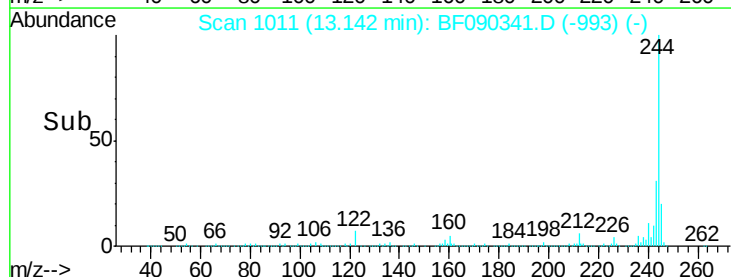
122 7.0 13.3 19.9#

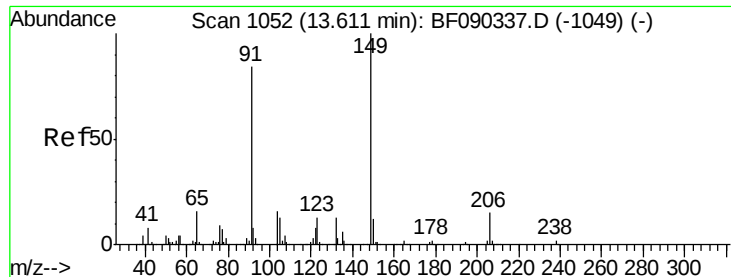


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

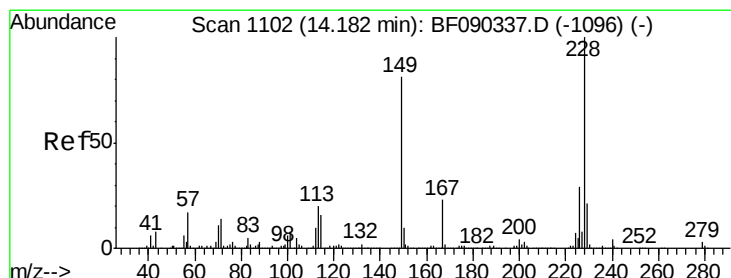
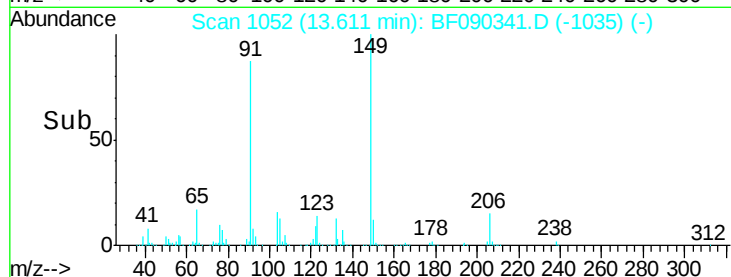
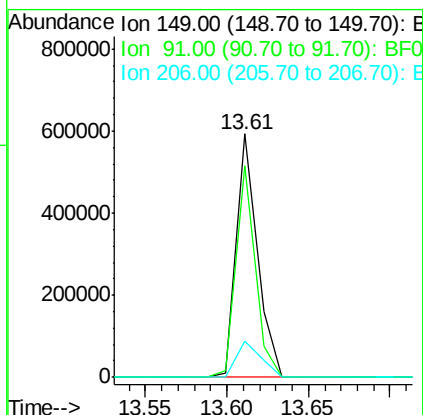
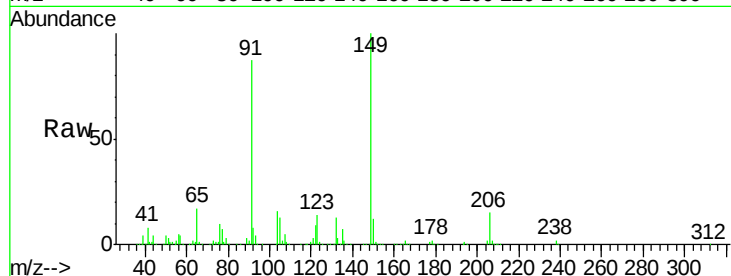




#79
Butylbenzylphthalate
Concen: 41.49 ng
RT: 13.61 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF090341.D
Acq: 4 Oct 2016 13:51

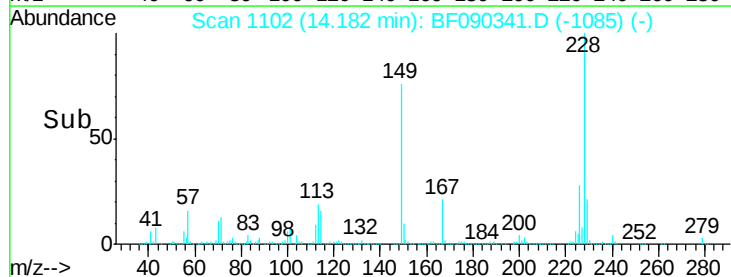
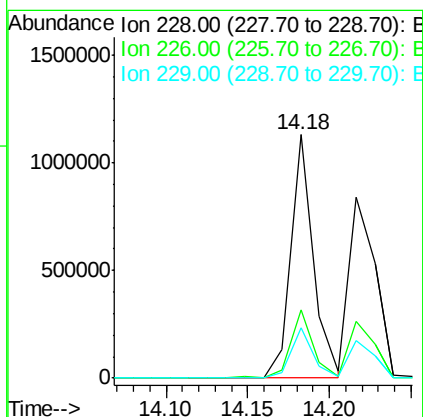
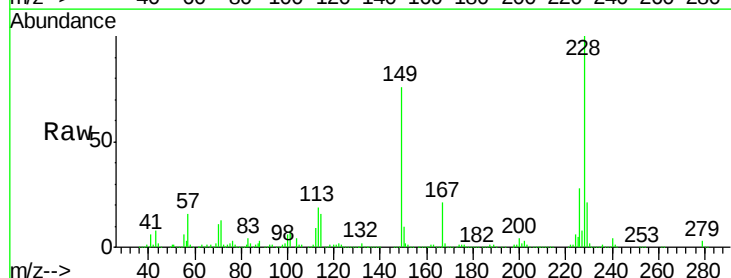
Instrument :
BNA_F
ClientSampleId :

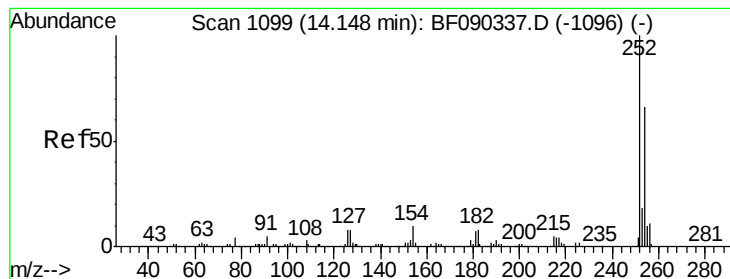
Tot Ion:149 Resp: 525645
Ion Ratio Lower Upper
149 100
91 86.8 51.8 77.8#
206 14.7 18.0 27.0#



#80
Benzo(a)anthracene
Concen: 38.53 ng
RT: 14.18 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BF090341.D
Acq: 4 Oct 2016 13:51

Tgt Ion:228 Resp: 1084840
Ion Ratio Lower Upper
228 100
226 28.0 23.6 35.4
229 20.6 16.6 25.0

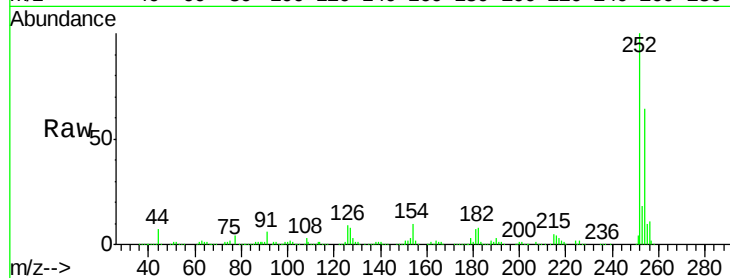




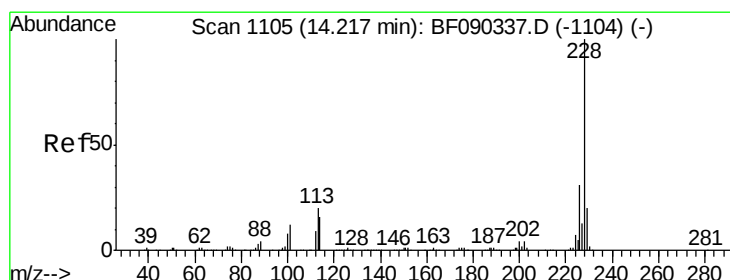
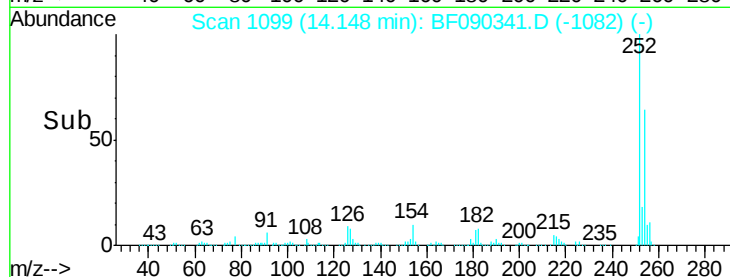
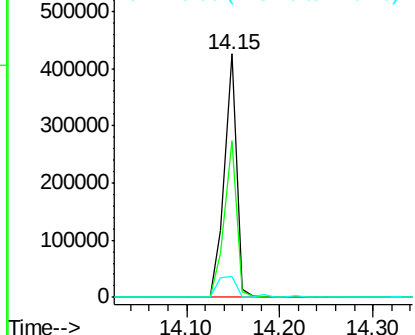
#81
 3,3'-Dichlorobenzidine
 Concen: 40.04 ng
 RT: 14.15 min Scan# 1099
 Delta R.T. 0.00 min
 Lab File: BF090341.D
 Acq: 4 Oct 2016 13:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 388381
 Ion Ratio Lower Upper
 252 100
 254 64.3 52.1 78.1
 126 8.6 4.2 6.4#

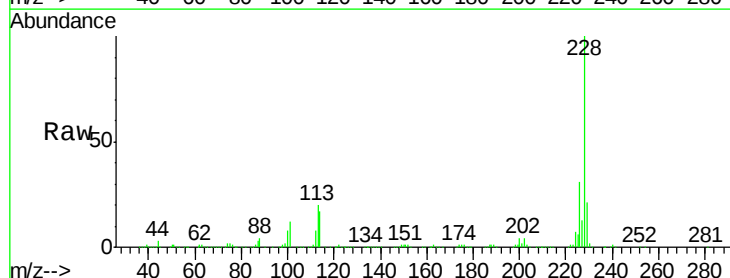


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

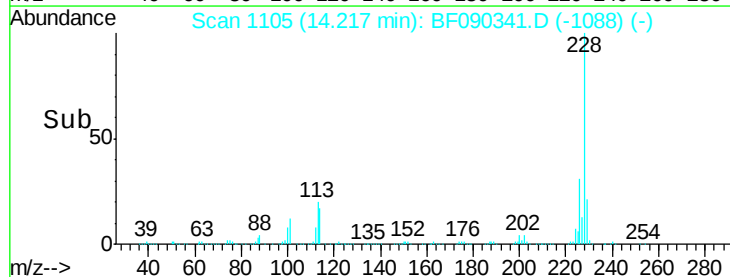
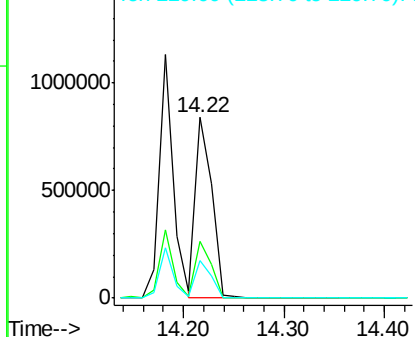


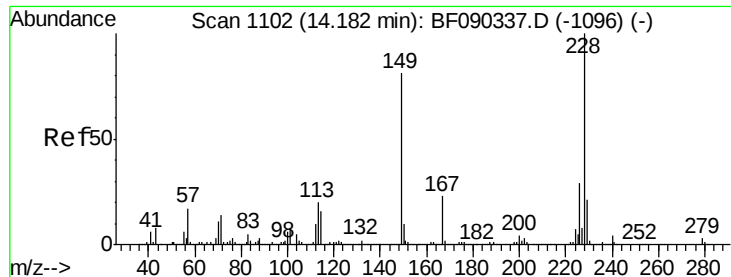
#82
 Chrysene
 Concen: 36.36 ng
 RT: 14.22 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BF090341.D
 Acq: 4 Oct 2016 13:51

Tgt Ion:228 Resp: 959338
 Ion Ratio Lower Upper
 228 100
 226 31.1 25.8 38.6
 229 20.9 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

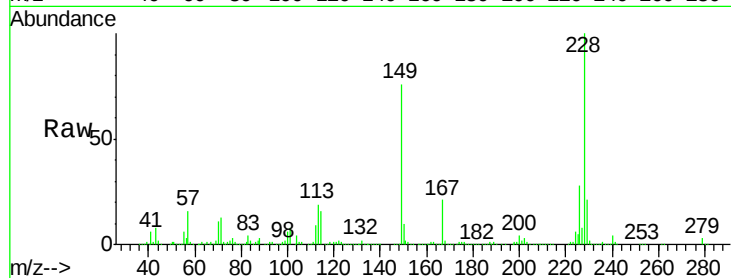




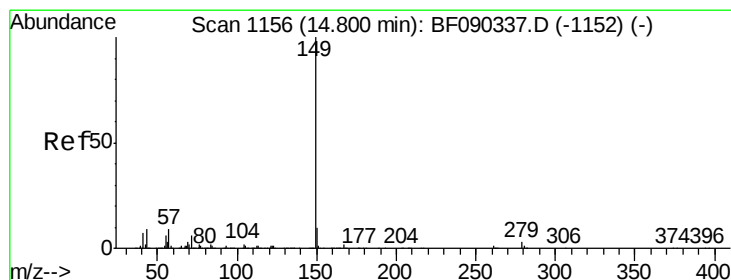
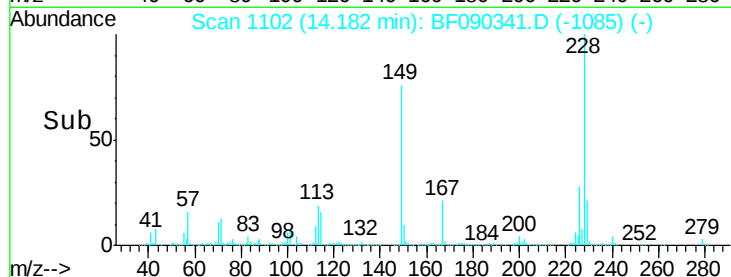
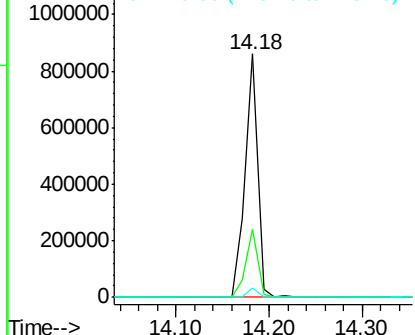
#83
Bis(2-ethylhexyl)phthalate
Concen: 40.00 ng
RT: 14.18 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BF090341.D
Acq: 4 Oct 2016 13:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 810839
Ion Ratio Lower Upper
149 100
167 27.9 21.5 32.3
279 3.8 2.6 3.8#

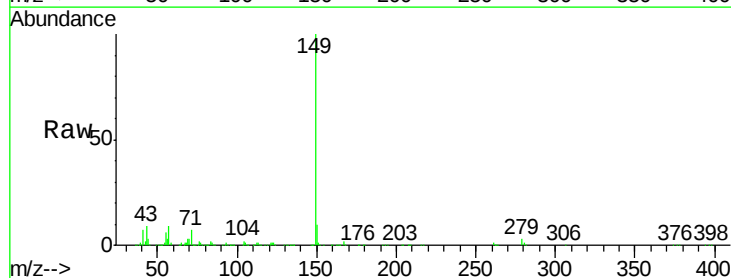


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

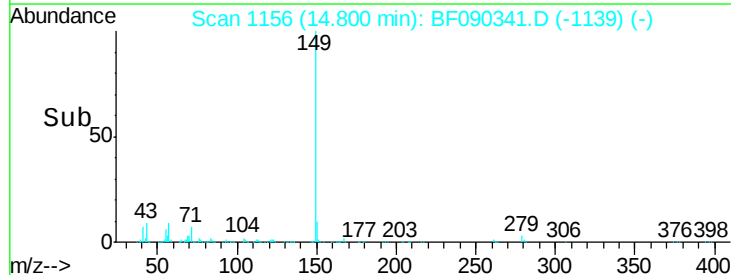
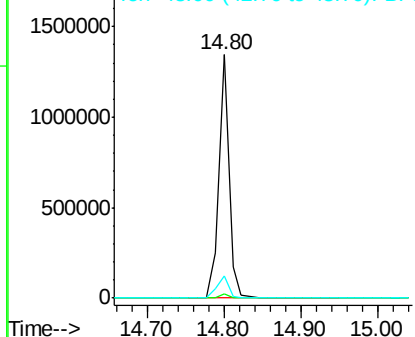


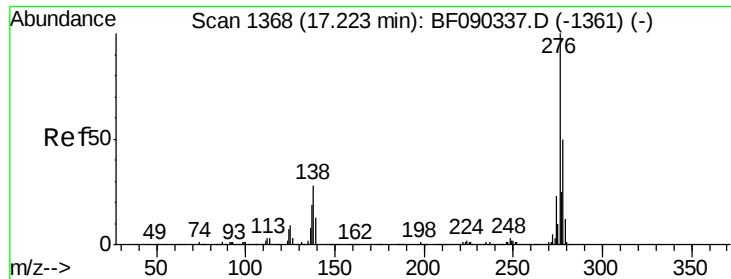
#84
Di-n-octyl phthalate
Concen: 42.01 ng
RT: 14.80 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF090341.D
Acq: 4 Oct 2016 13:51

Tgt Ion:149 Resp: 1237096
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 11.2 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

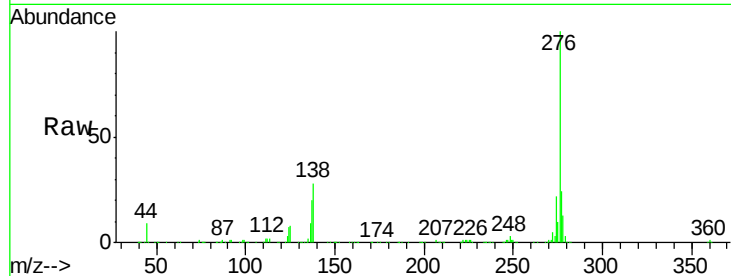




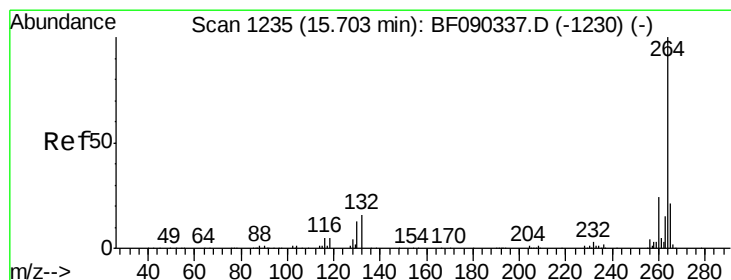
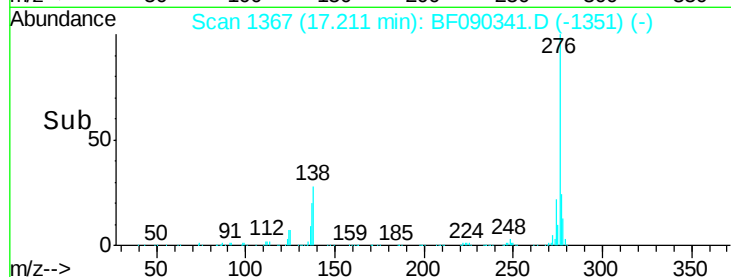
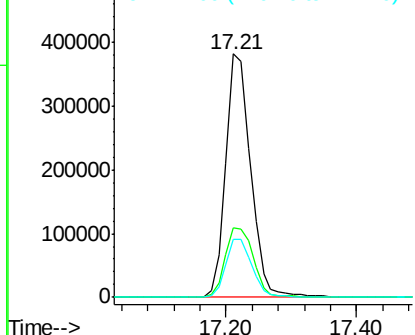
#85
Indeno(1,2,3-cd)pyrene
Concen: 35.76 ng
RT: 17.21 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF090341.D
Acq: 4 Oct 2016 13:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 1013840
Ion Ratio Lower Upper
276 100
138 32.3 23.8 35.8
277 25.1 20.4 30.6

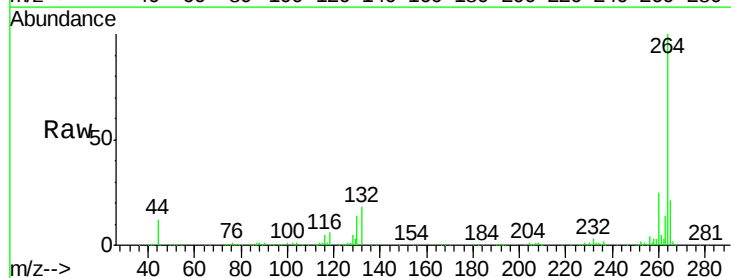


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

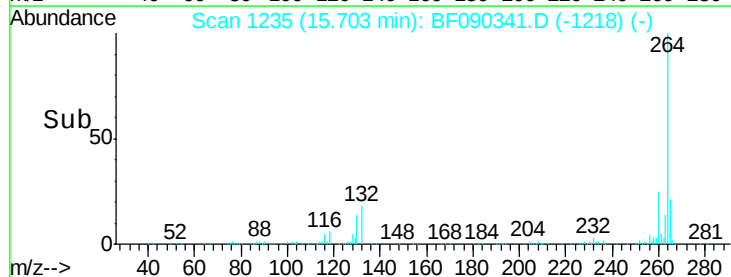
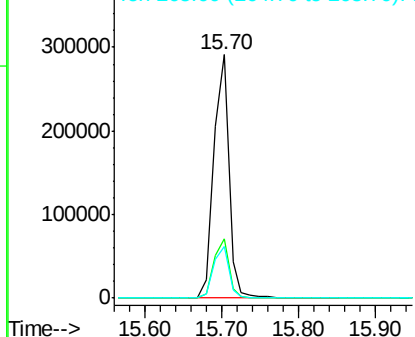


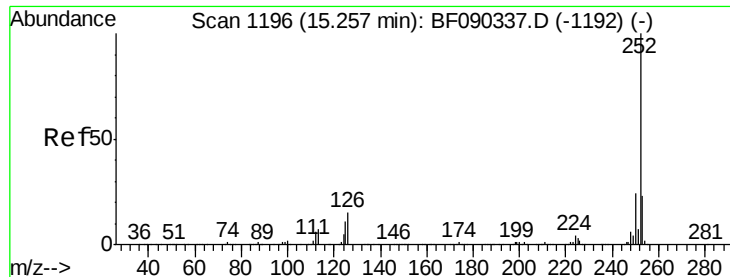
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.70 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BF090341.D
Acq: 4 Oct 2016 13:51

Tgt Ion:264 Resp: 396849
Ion Ratio Lower Upper
264 100
260 24.6 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

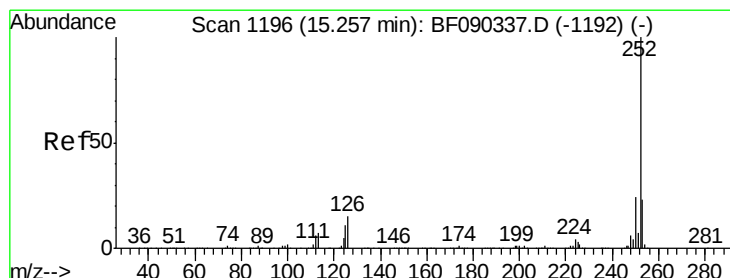
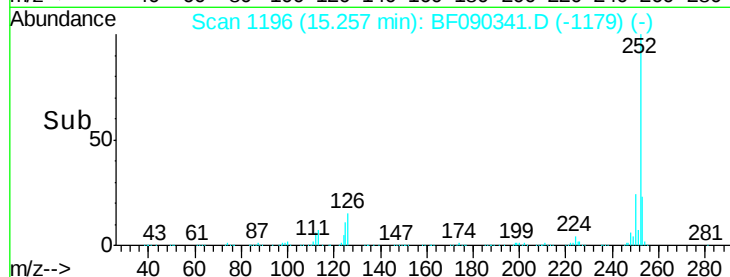
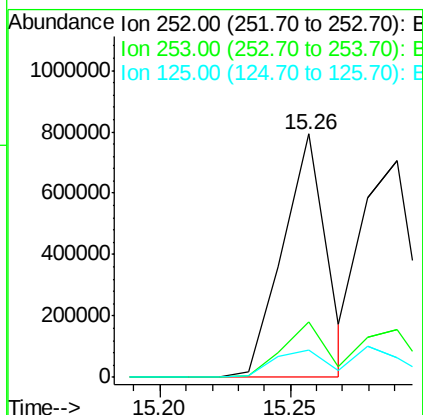
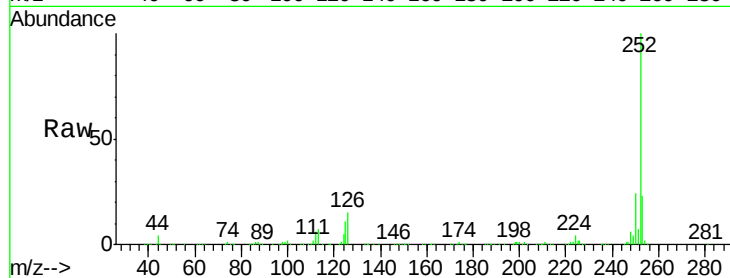




#87
Benzo(b)fluoranthene
Concen: 40.38 ng
RT: 15.26 min Scan# 1196
Delta R.T. 0.00 min
Lab File: BF090341.D
Acq: 4 Oct 2016 13:51

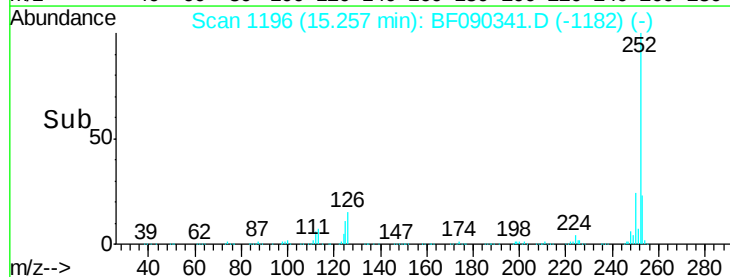
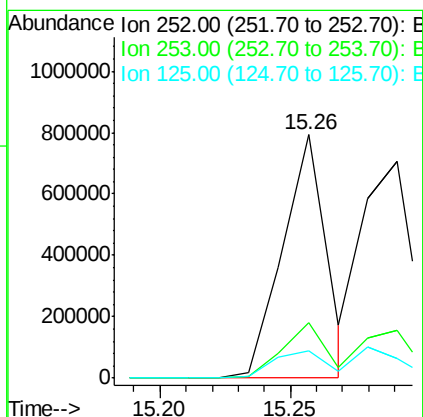
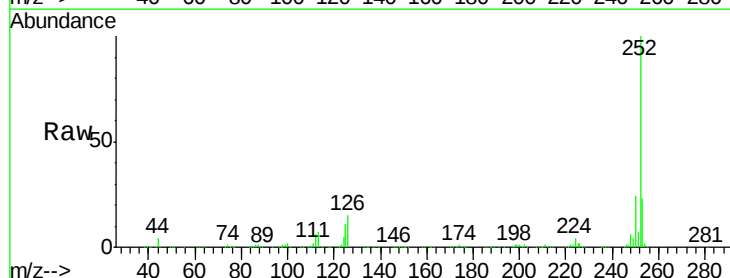
Instrument :
BNA_F
ClientSampleId :

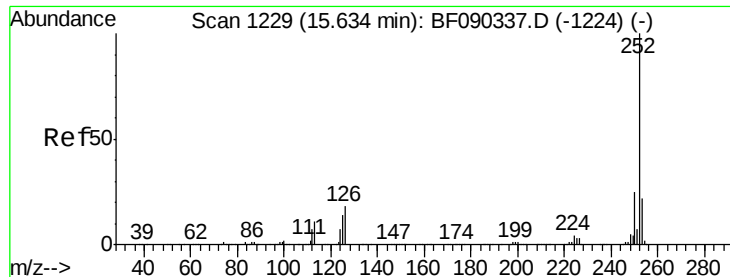
Tot Ion:252 Resp: 921490
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 11.2 7.0 10.4#



#88
Benzo(k)fluoranthene
Concen: 42.27 ng
RT: 15.26 min Scan# 1196
Delta R.T. -0.03 min
Lab File: BF090341.D
Acq: 4 Oct 2016 13:51

Tgt Ion:252 Resp: 921490
Ion Ratio Lower Upper
252 100
253 22.5 18.6 27.8
125 11.2 11.7 17.5#

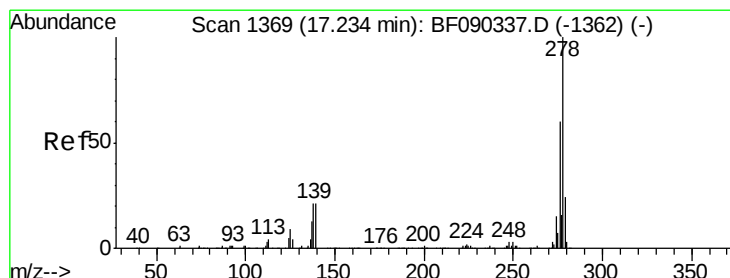
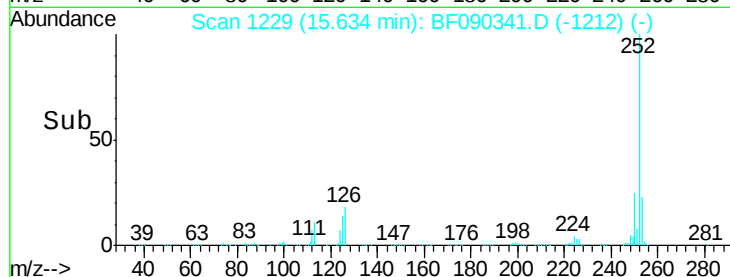
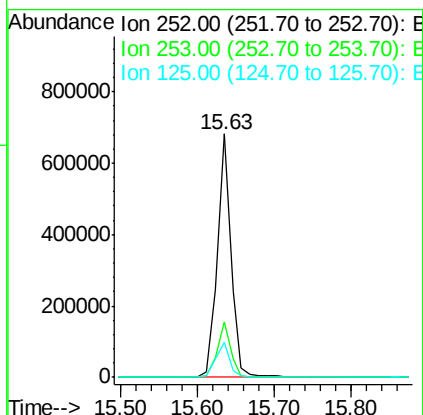
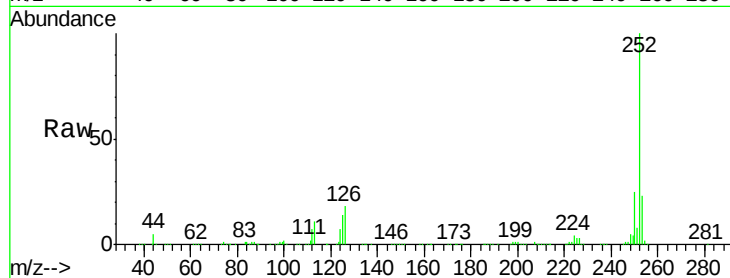




#89
Benzo(a)pyrene
Concen: 40.86 ng
RT: 15.63 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF090341.D
Acq: 4 Oct 2016 13:51

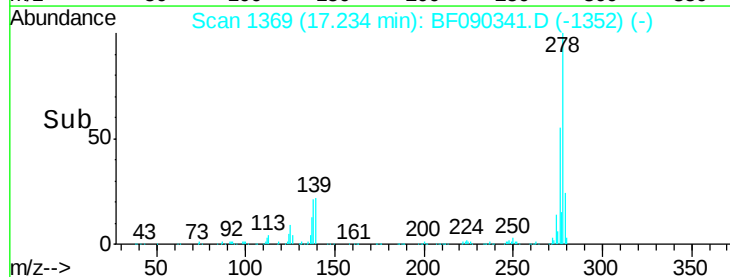
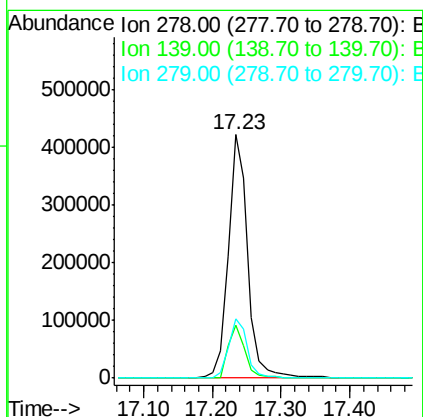
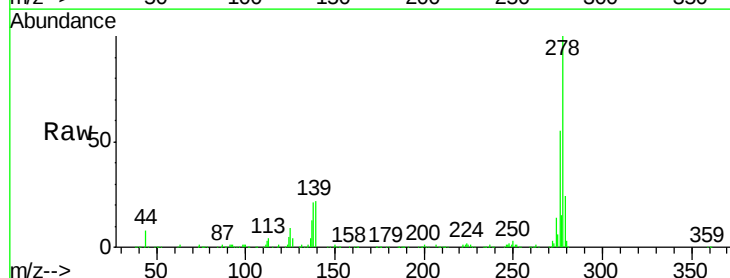
Instrument :
BNA_F
ClientSampleId :

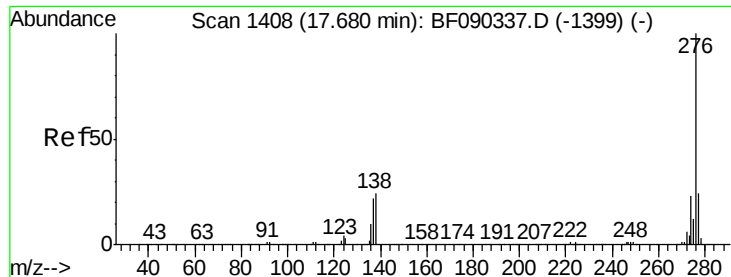
Tot Ion:252 Resp: 850498
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.4
125 14.2 9.8 14.8



#90
Dibenzo(a,h)anthracene
Concen: 41.16 ng
RT: 17.23 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BF090341.D
Acq: 4 Oct 2016 13:51

Tgt Ion:278 Resp: 840218
Ion Ratio Lower Upper
278 100
139 21.8 12.8 19.2#
279 24.2 19.6 29.4

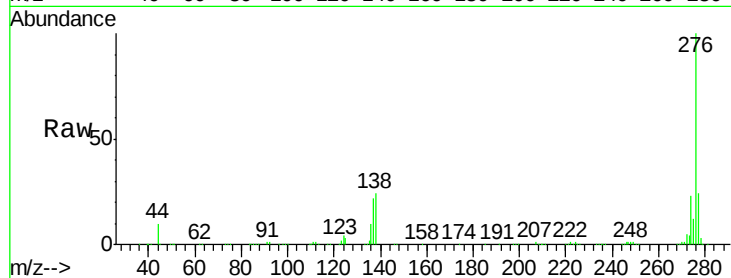




#91
 Benzo(a,h,i)perylene
 Concen: 41.24 ng
 RT: 17.68 min Scan# 1408
 Delta R.T. 0.00 min
 Lab File: BF090341.D
 Acq: 4 Oct 2016 13:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.4	29.0
138	24.3	20.8	31.2



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

