

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030817\
 Data File : BF093437.D
 Acq On : 8 Mar 2017 19:18
 Operator : SJ/MA
 Sample : PB97449BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97449BS

Quant Time: Mar 09 00:04:19 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	465050	20.00	ng	0.15
21) Naphthalene-d8	8.06	136	810150	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	403331	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	714495	20.00	ng	0.01
75) Chrysene-d12	13.93	240	640421	20.00	ng	0.01
86) Perylene-d12	15.34	264	507662	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	872366	31.22	ng	0.01
7) Phenol-d6	6.41	99	1017477	28.88	ng	0.00
23) Nitrobenzene-d5	7.34	82	949742	65.04	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	199954	76.09	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1636116	75.45	ng	0.00
78) Terphenyl-d14	12.87	244	1307761	53.09	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.33	88	175077	11.38	ng	# 85
3) Pyridine	3.03	79	494614	12.61	ng	86
4) n-Nitrosodimethylamine	2.98	42	265390	14.16	ng	85
6) Aniline	6.42	93	457738	9.47	ng	88
8) 2-Chlorophenol	6.55	128	461001	14.72	ng	97
9) Benzaldehyde	6.32	77	77783	2.23	ng	98
10) Phenol	6.42	94	598785	13.87	ng	83
11) bis(2-Chloroethyl)ether	6.50	93	482070	13.81	ng	99
12) 1,3-Dichlorobenzene	6.78	146	517718	14.45	ng	# 93
13) 1,4-Dichlorobenzene	6.93	146	455707	12.42	ng	97
14) 1,2-Dichlorobenzene	6.93	146	455707	14.03	ng	96
15) Benzyl Alcohol	6.92	79	370293	14.74	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.05	45	805879	13.90	ng	86
17) 2-Methylphenol	7.04	107	379969	14.35	ng	94
18) Hexachloroethane	7.27	117	176866	14.29	ng	96
19) n-Nitroso-di-n-propylamine	7.19	70	373219	15.41	ng	99
20) 3+4-Methylphenols	7.20	107	518612	15.10	ng	# 75
22) Acetophenone	7.19	105	653719	33.53	ng	# 94
24) Nitrobenzene	7.36	77	552347	33.66	ng	90
25) Isophorone	7.60	82	986897	33.52	ng	97
26) 2-Nitrophenol	7.68	139	260903	34.85	ng	90
27) 2,4-Dimethylphenol	7.73	122	455471	37.40	ng	96
28) bis(2-Chloroethoxy)methane	7.81	93	591904	31.84	ng	98
29) 2,4-Dichlorophenol	7.93	162	394205	34.40	ng	95
30) 1,2,4-Trichlorobenzene	8.00	180	410420	33.68	ng	98
31) Naphthalene	8.07	128	1272042	31.33	ng	99
32) Benzoic acid	7.89	122	219019	34.60	ng	99
33) 4-Chloroaniline	8.14	127	295472	17.93	ng	99
34) Hexachlorobutadiene	8.18	225	206713	32.93	ng	99
35) Caprolactam	8.52	113	92338	23.60	ng	# 35
36) 4-Chloro-3-methylphenol	8.64	107	438283	35.84	ng	87
37) 2-Methylnaphthalene	8.77	142	863413	33.43	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	392305	35.62	ng	100
40) Hexachlorocyclopentadiene	8.92	237	198664	72.77	ng	96

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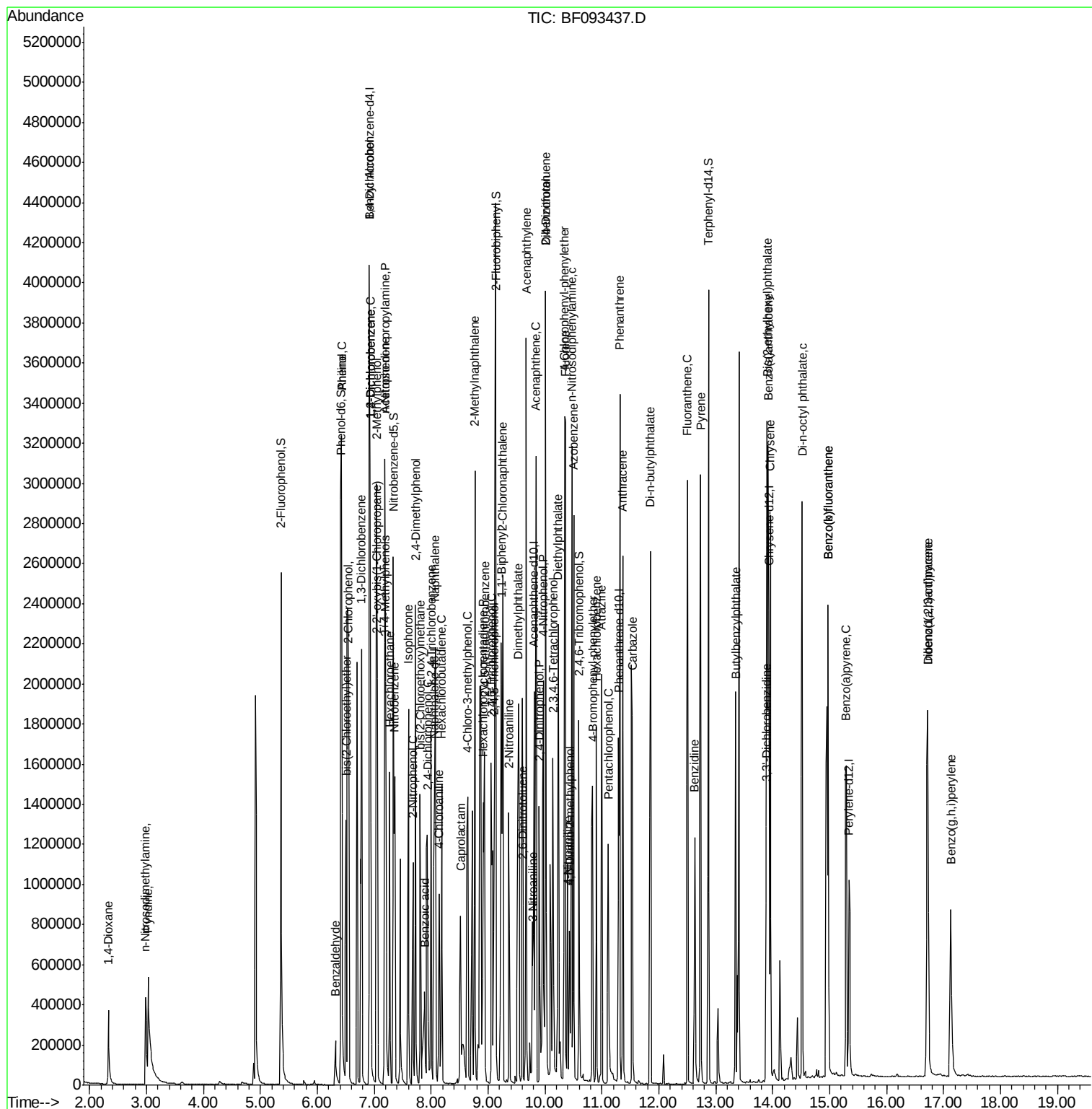
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	261704	38.03	ng	90
43) 2,4,5-Trichlorophenol	9.11	196	253151	34.29	ng #	87
45) 1,1'-Biphenyl	9.24	154	1066884	36.31	ng	99
46) 2-Chloronaphthalene	9.26	162	860520	38.26	ng	98
47) 2-Nitroaniline	9.36	65	292188	36.75	ng	86
48) Acenaphthylene	9.67	152	1279689	34.50	ng	99
49) Dimethylphthalate	9.53	163	984176	36.81	ng	98
50) 2,6-Dinitrotoluene	9.61	165	220669	37.61	ng #	76
51) Acenaphthene	9.84	154	784148	35.75	ng	96
52) 3-Nitroaniline	9.78	138	153616	21.79	ng #	78
53) 2,4-Dinitrophenol	9.90	184	202718	75.87	ng #	55
54) Dibenzofuran	10.01	168	1116696	40.68	ng	96
55) 4-Nitrophenol	9.97	139	249985	73.02	ng	93
56) 2,4-Dinitrotoluene	10.01	165	256083	35.53	ng #	53
57) Fluorene	10.36	166	901692	38.76	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	202530	38.87	ng	98
59) Diethylphthalate	10.23	149	894764	35.01	ng	99
60) 4-Chlorophenyl-phenylether	10.34	204	393008	37.69	ng	90
61) 4-Nitroaniline	10.40	138	255977	35.51	ng	81
62) Azobenzene	10.50	77	1176432	40.51	ng	96
64) 4,6-Dinitro-2-methylphenol	10.44	198	151963	32.83	ng	90
65) n-Nitrosodiphenylamine	10.47	169	800215	33.54	ng	100
66) 4-Bromophenyl-phenylether	10.84	248	242411	32.08	ng #	87
67) Hexachlorobenzene	10.90	284	240727	33.37	ng	94
68) Atrazine	11.00	200	219198	31.39	ng	100
69) Pentachlorophenol	11.11	266	194014	77.89	ng	98
70) Phenanthrene	11.32	178	1342049	32.91	ng	99
71) Anthracene	11.36	178	1362694	33.03	ng	99
72) Carbazole	11.53	167	1251997	32.30	ng	97
73) Di-n-butylphthalate	11.85	149	1594401	35.56	ng #	96
74) Fluoranthene	12.51	202	1373091	34.86	ng	95
76) Benzidine	12.63	184	520521	24.72	ng	96
77) Pyrene	12.73	202	1397359	30.00	ng	99
79) Butylbenzylphthalate	13.35	149	675164	34.43	ng #	78
80) Benzo(a)anthracene	13.92	228	1149761	30.40	ng	100
81) 3,3'-Dichlorobenzidine	13.89	252	310201	23.42	ng #	95
82) Chrysene	13.96	228	950875	27.17	ng	99
83) Bis(2-ethylhexyl)phthalate	13.90	149	874768	32.01	ng	99
84) Di-n-octyl phthalate	14.52	149	1560851	34.27	ng	98
85) Indeno(1,2,3-cd)pyrene	16.72	276	833324	28.45	ng #	93
87) Benzo(b)fluoranthene	14.97	252	1973237	63.82	ng	99
88) Benzo(k)fluoranthene	14.97	252	1973237	66.18	ng	98
89) Benzo(a)pyrene	15.29	252	930049	32.91	ng	97
90) Dibenzo(a,h)anthracene	16.72	278	708261	30.30	ng	98
91) Benzo(g,h,i)perylene	17.13	276	730193	30.43	ng #	93

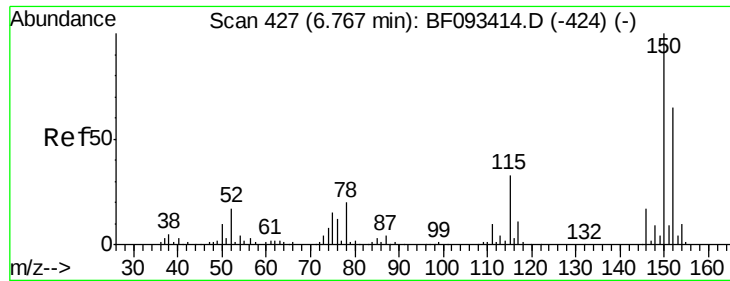
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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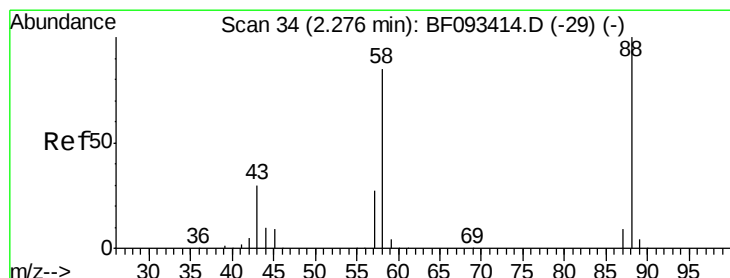
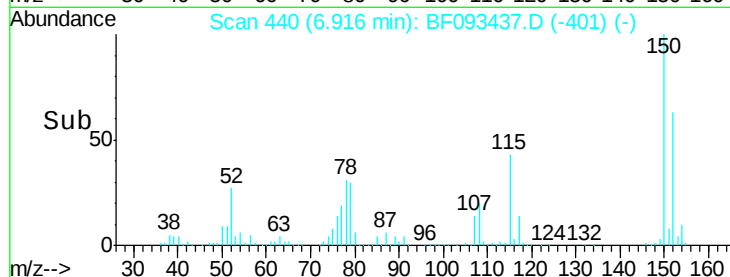
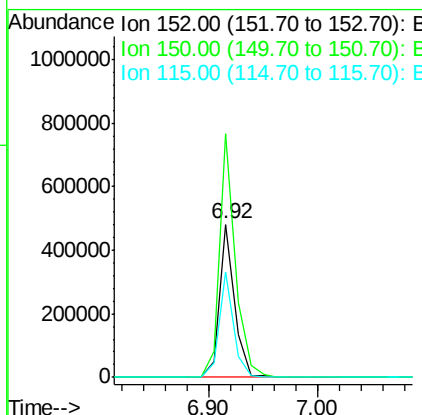
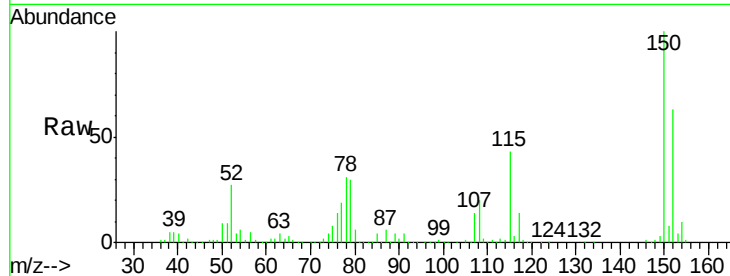




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.92 min Scan# 440
 Delta R.T. 0.15 min
 Lab File: BF093437.D
 Acq: 8 Mar 2017 19:18

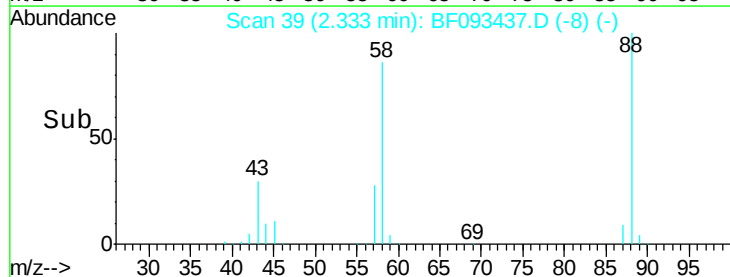
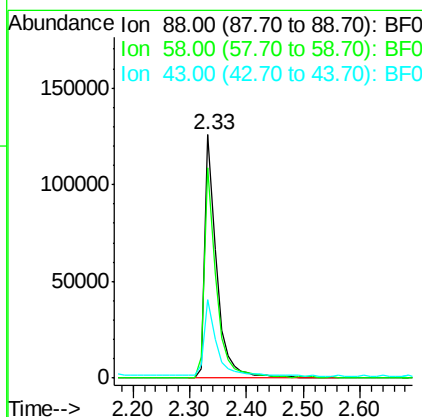
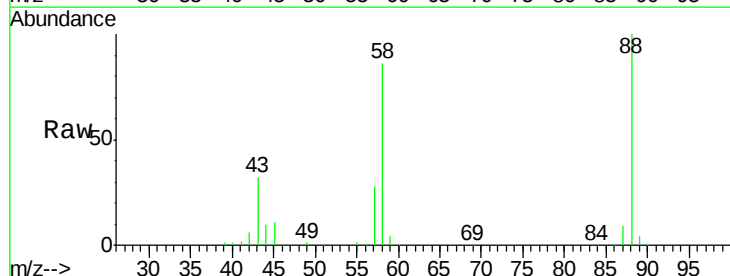
Instrument :
 BNA_F
 ClientSampleId :
 PB97449BS

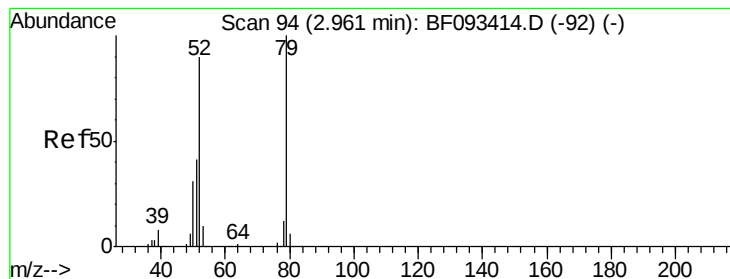
Tgt Ion:152 Resp: 465050
 Ion Ratio Lower Upper
 152 100
 150 158.8 124.9 187.3
 115 68.8 46.0 69.0



#2
 1,4-Dioxane
 Concen: 11.38 ng
 RT: 2.33 min Scan# 39
 Delta R.T. 0.06 min
 Lab File: BF093437.D
 Acq: 8 Mar 2017 19:18

Tgt Ion: 88 Resp: 175077
 Ion Ratio Lower Upper
 88 100
 58 85.6 57.8 86.8
 43 34.4 22.3 33.5#





#3

Pyridine

Concen: 12.61 ng

RT: 3.03 min Scan# 100

Delta R.T. 0.07 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

Instrument :

BNA_F

ClientSampleId :

PB97449BS

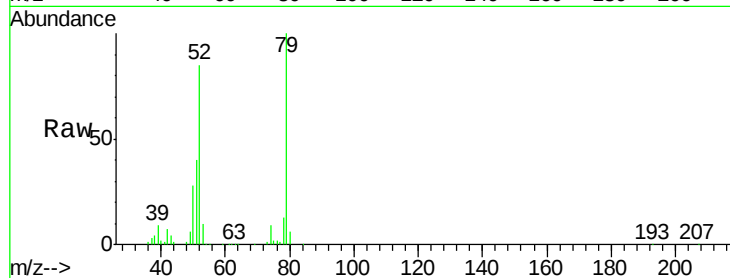
Tgt Ion: 79 Resp: 494614

Ion Ratio Lower Upper

79 100

52 84.6 57.1 85.7

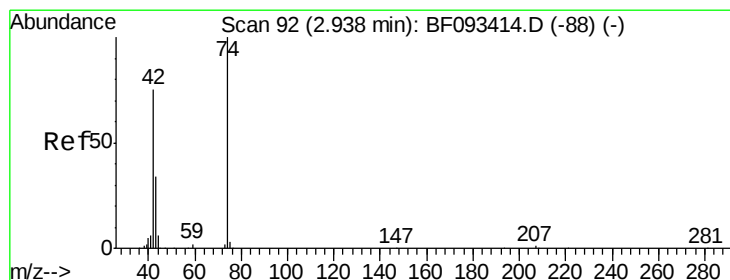
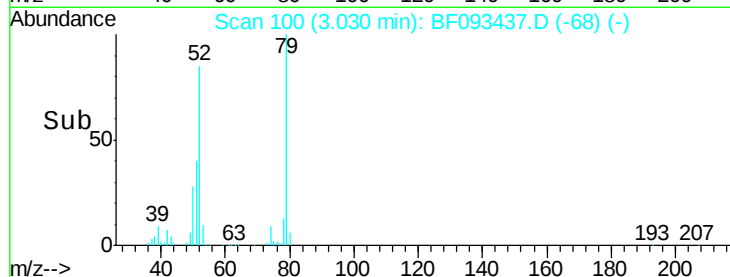
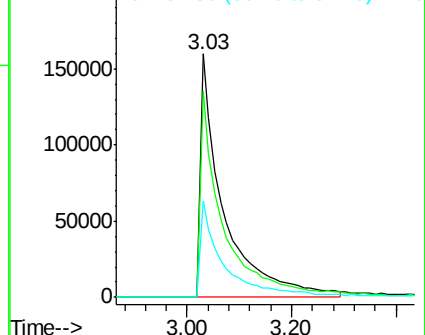
51 39.6 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 14.16 ng

RT: 2.98 min Scan# 96

Delta R.T. 0.05 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

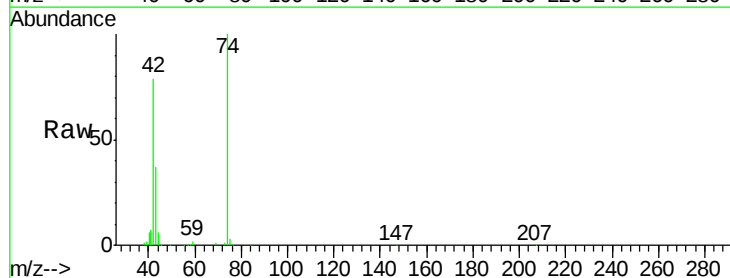
Tgt Ion: 42 Resp: 265390

Ion Ratio Lower Upper

42 100

74 126.9 117.0 175.4

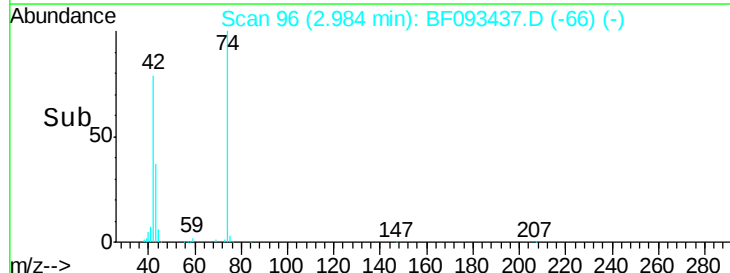
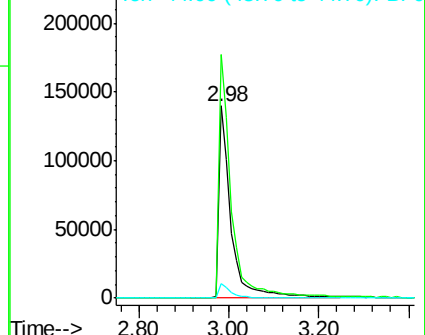
44 7.3 5.5 8.3

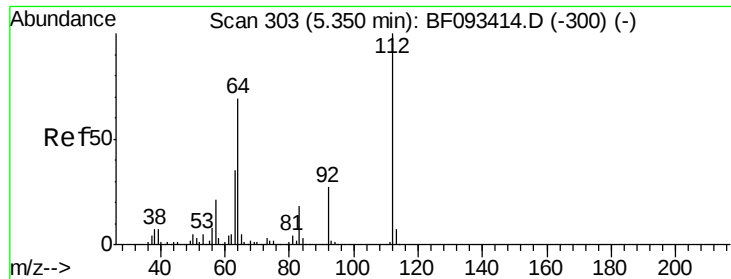


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 31.22 ng

RT: 5.36 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

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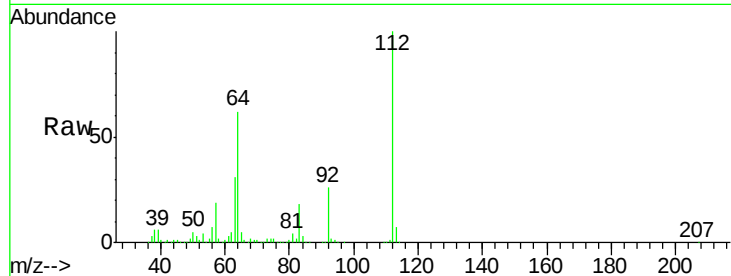
Tgt Ion:112 Resp: 872366

Ion Ratio Lower Upper

112 100

64 61.8 46.1 69.1

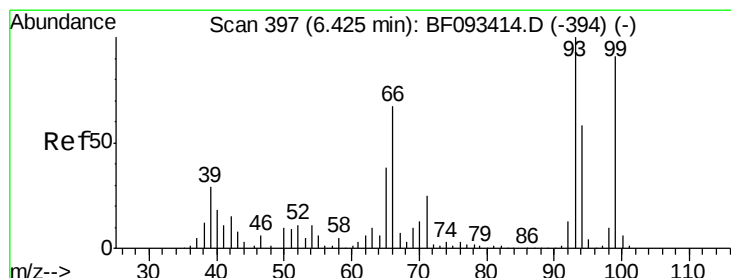
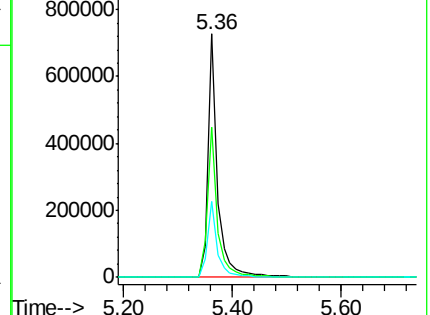
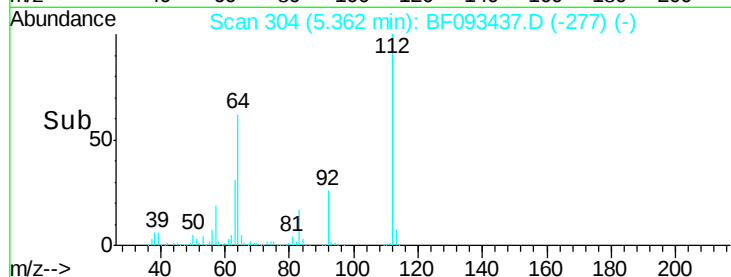
63 31.4 23.8 35.6



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: 9.47 ng

RT: 6.42 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

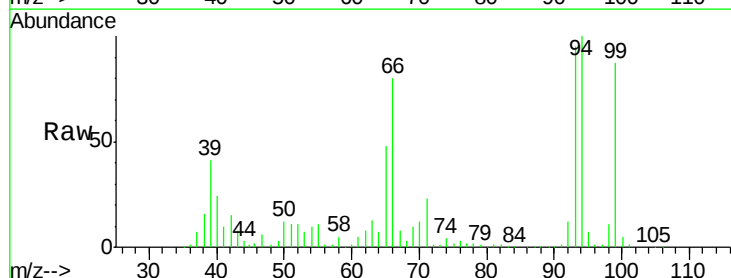
Tgt Ion: 93 Resp: 457738

Ion Ratio Lower Upper

93 100

66 84.1 76.2 114.2

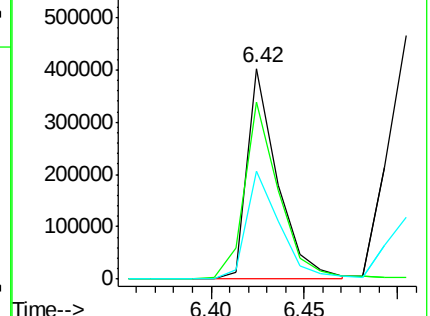
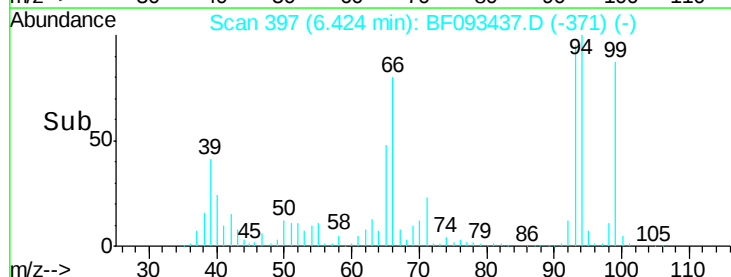
65 51.0 49.3 73.9

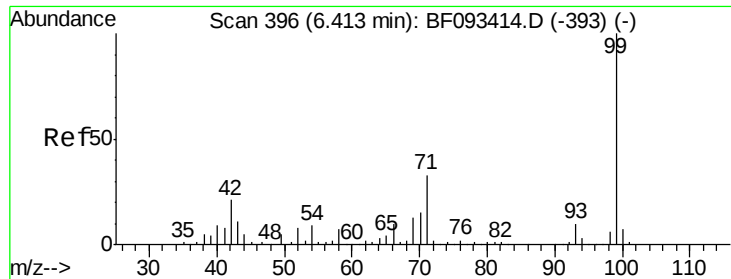


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 28.88 ng

RT: 6.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF093437.D

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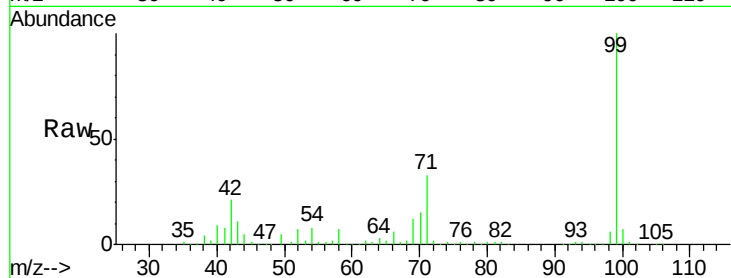
Tgt Ion: 99 Resp: 1017477

Ion Ratio Lower Upper

99 100

42 21.4 15.6 23.4

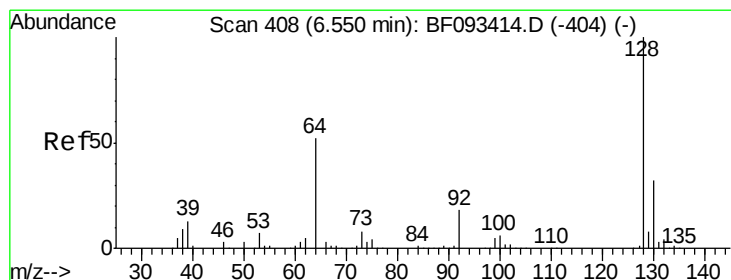
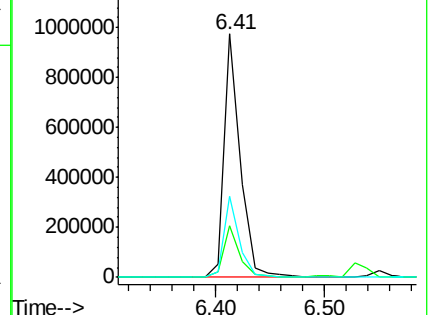
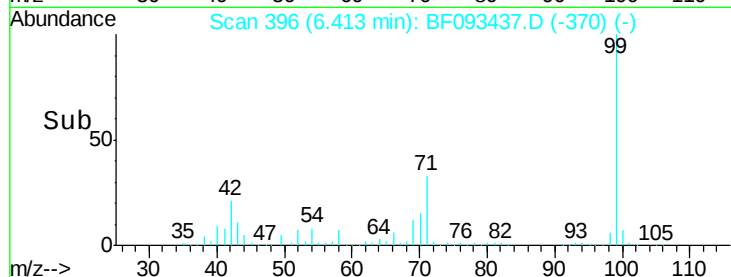
71 33.1 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 14.72 ng

RT: 6.55 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

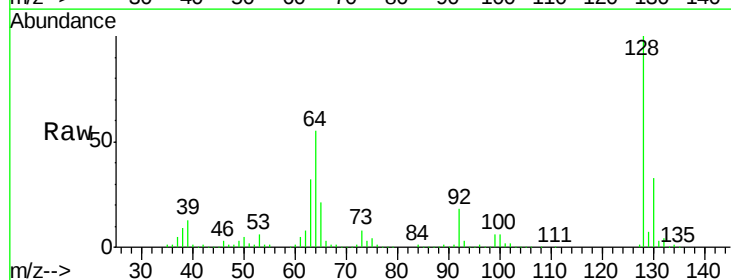
Tgt Ion: 128 Resp: 461001

Ion Ratio Lower Upper

128 100

130 32.8 12.3 52.3

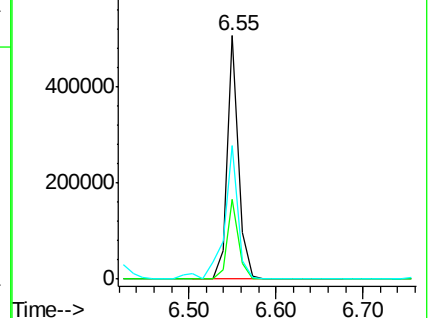
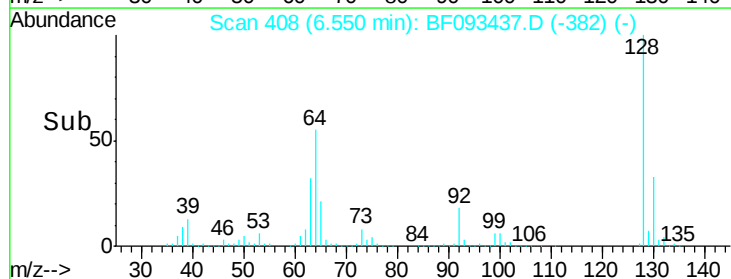
64 54.9 32.2 72.2

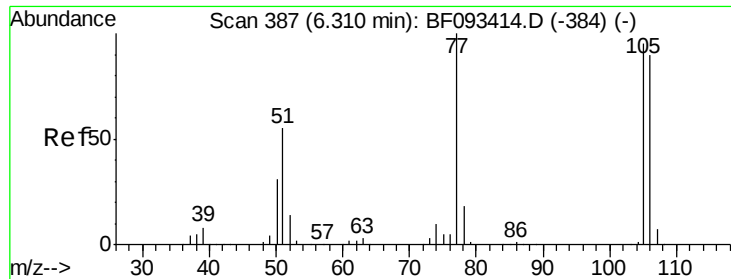


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 2.23 ng

RT: 6.32 min Scan# 388

Delta R.T. 0.01 min

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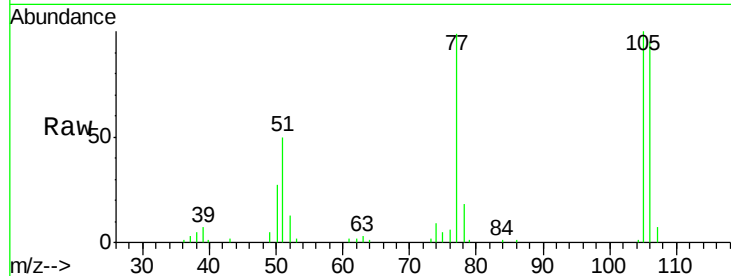
Tgt Ion: 77 Resp: 77783

Ion Ratio Lower Upper

77 100

105 101.3 83.9 123.9

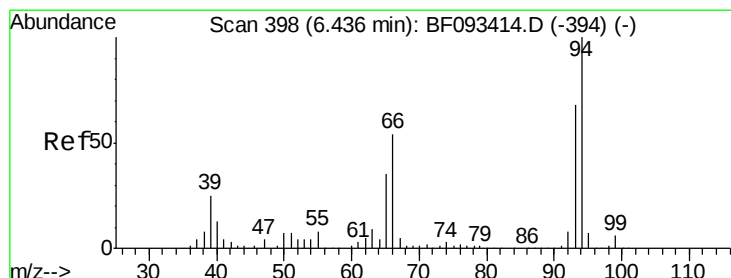
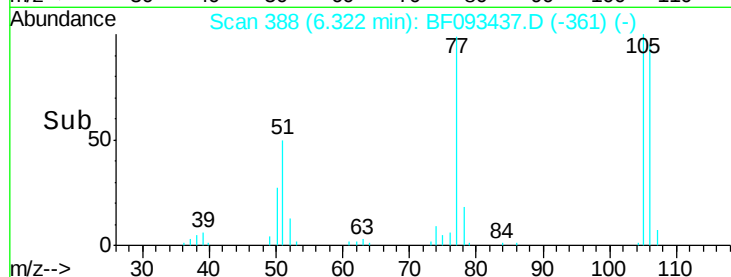
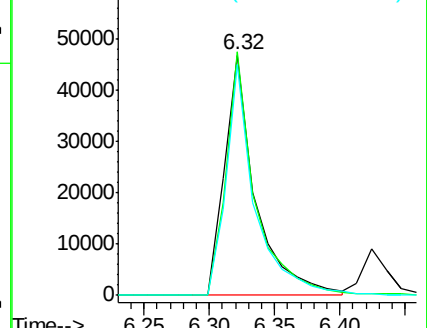
106 95.8 77.6 117.6



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: 13.87 ng

RT: 6.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

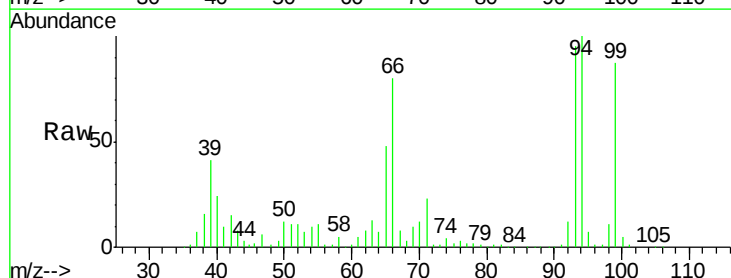
Tgt Ion: 94 Resp: 598785

Ion Ratio Lower Upper

94 100

65 48.5 21.4 61.4

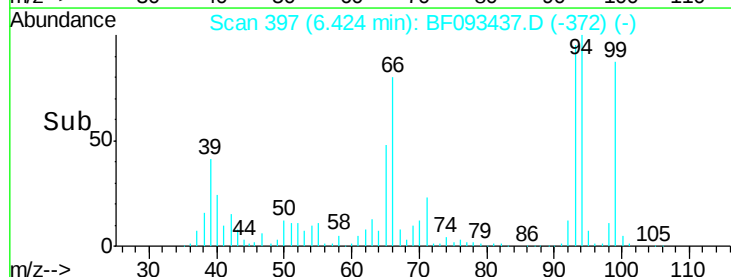
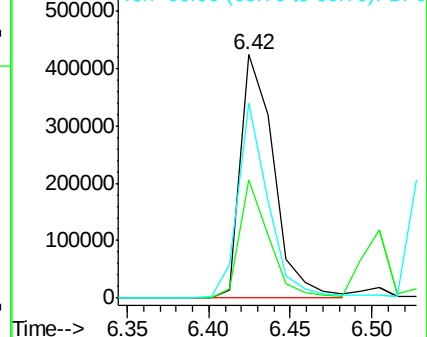
66 80.0 44.0 84.0

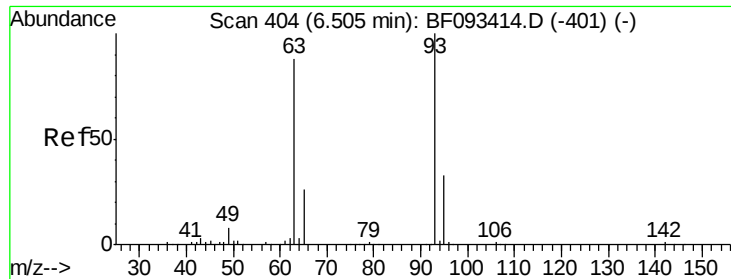


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

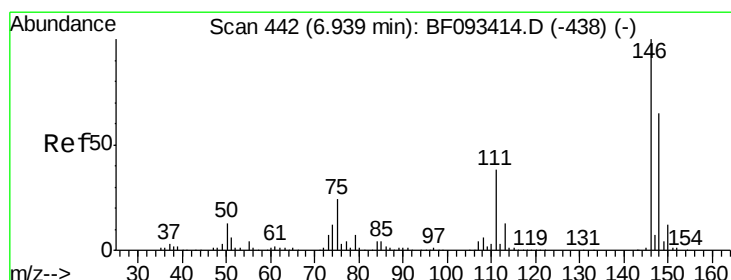
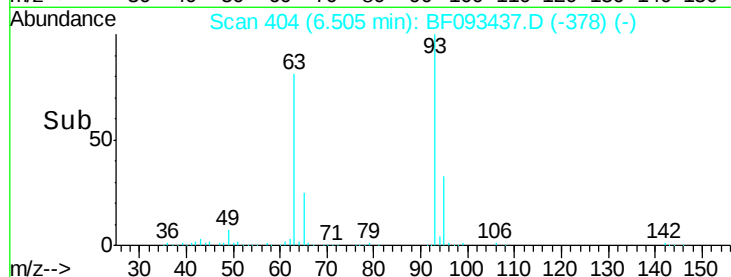
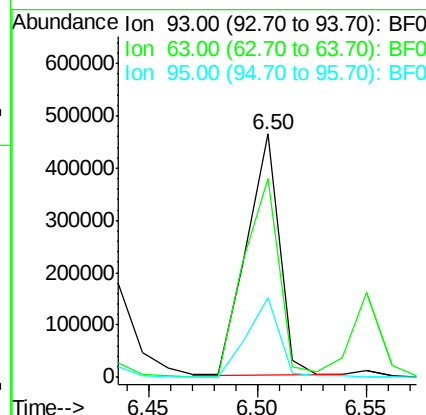
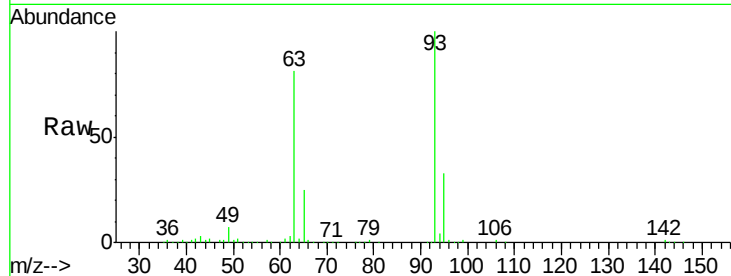




#11
 bis(2-Chloroethyl)ether
 Concen: 13.81 ng
 RT: 6.50 min Scan# 404
 Delta R.T. -0.00 min
 Lab File: BF093437.D
 Acq: 8 Mar 2017 19:18

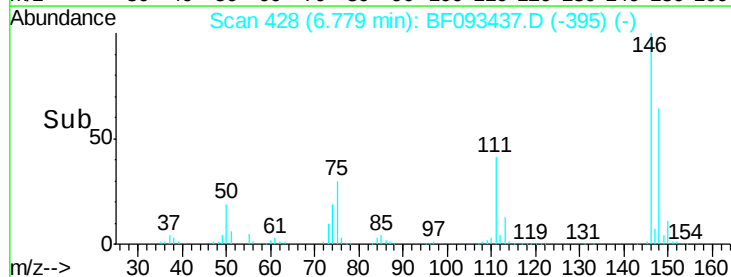
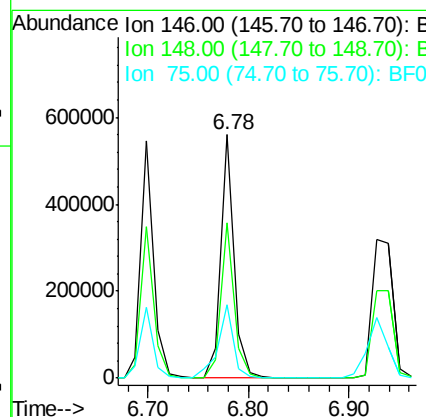
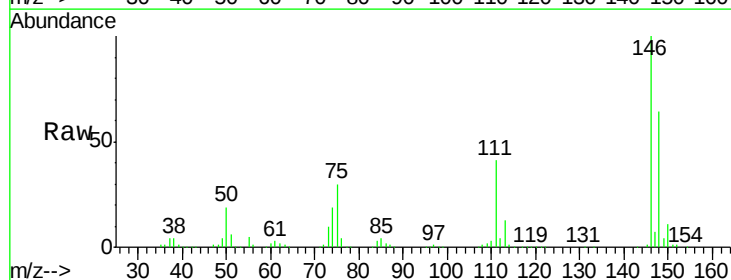
Instrument :
 BNA_F
 ClientSampleId :
 PB97449BS

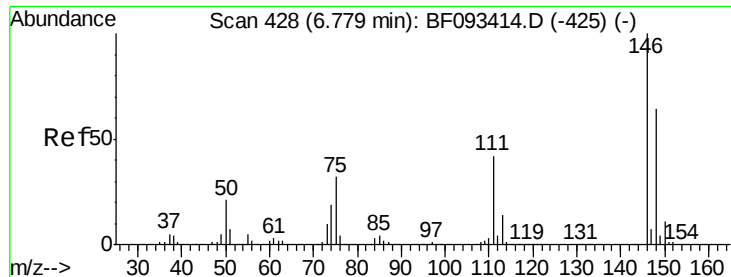
Tgt Ion: 93 Resp: 482070
 Ion Ratio Lower Upper
 93 100
 63 81.5 60.4 100.4
 95 33.0 12.8 52.8



#12
 1,3-Dichlorobenzene
 Concen: 14.45 ng
 RT: 6.78 min Scan# 428
 Delta R.T. 0.08 min
 Lab File: BF093437.D
 Acq: 8 Mar 2017 19:18

Tgt Ion: 146 Resp: 517718
 Ion Ratio Lower Upper
 146 100
 148 63.8 53.4 80.0
 75 30.2 18.5 27.7#





#13

1,4-Dichlorobenzene

Concen: 12.42 ng

RT: 6.93 min Scan# 441

Delta R.T. 0.15 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

Instrument :

BNA_F

ClientSampleId :

PB97449BS

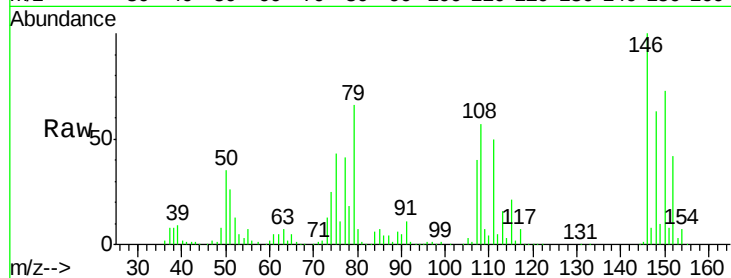
Tgt Ion:146 Resp: 455707

Ion Ratio Lower Upper

146 100

148 63.0 50.6 76.0

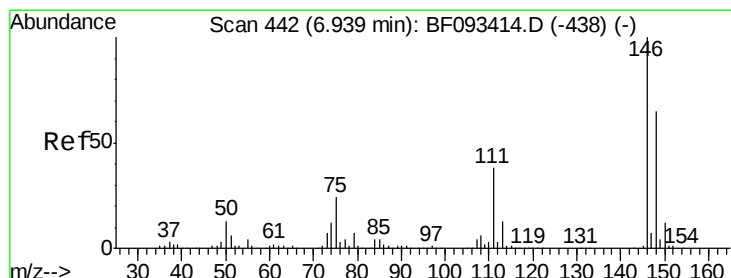
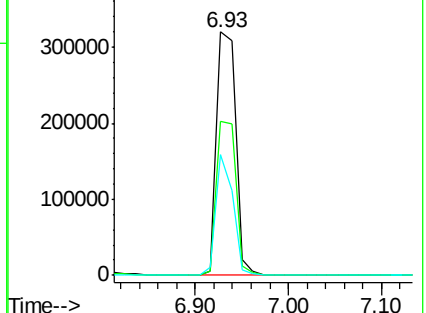
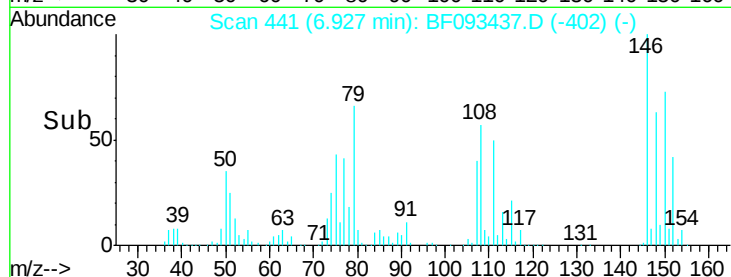
111 49.8 36.2 54.4



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



#14

1,2-Dichlorobenzene

Concen: 14.03 ng

RT: 6.93 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

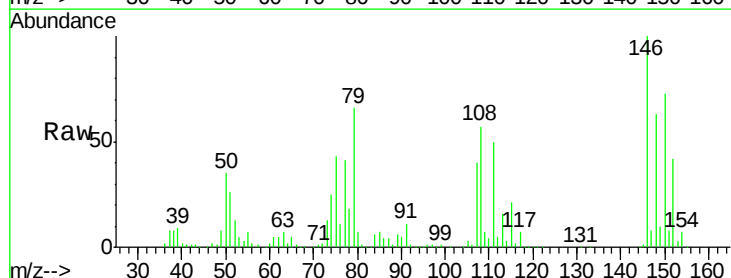
Tgt Ion:146 Resp: 455707

Ion Ratio Lower Upper

146 100

148 63.0 52.2 78.2

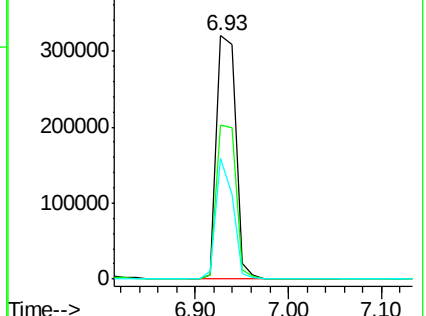
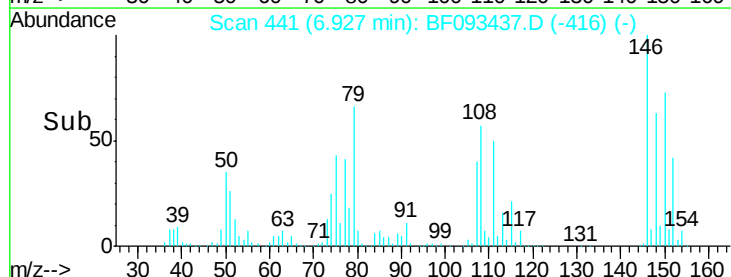
111 49.8 36.2 54.2

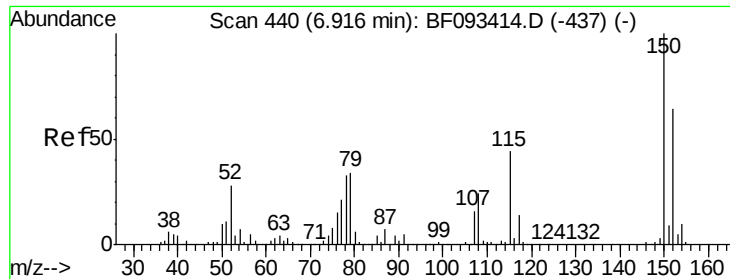


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 14.74 ng

RT: 6.92 min Scan# 440

Delta R.T. -0.00 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

Instrument :

BNA_F

ClientSampleId :

PB97449BS

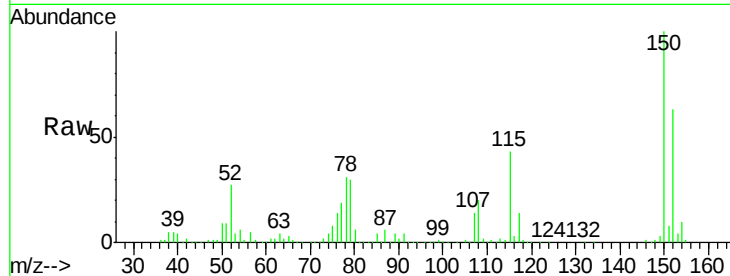
Tgt Ion: 79 Resp: 370293

Ion Ratio Lower Upper

79 100

108 68.3 61.4 92.0

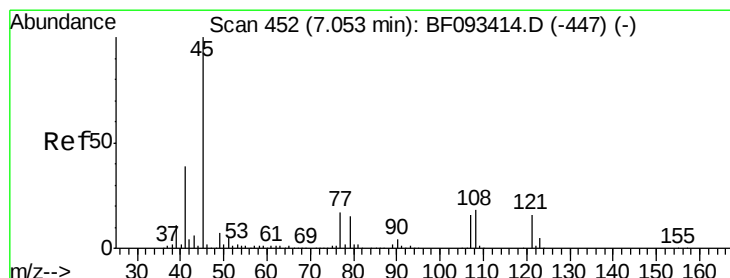
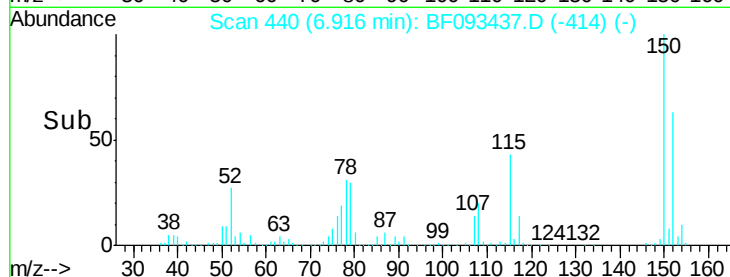
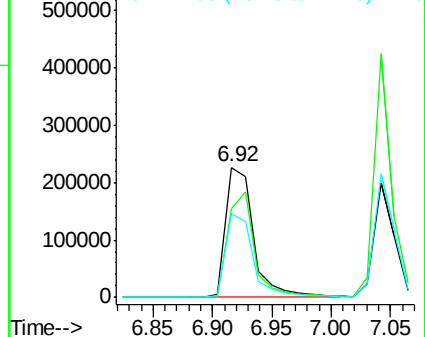
77 64.6 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 13.90 ng

RT: 7.05 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

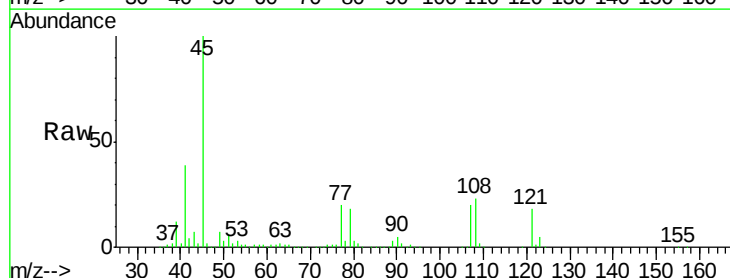
Tgt Ion: 45 Resp: 805879

Ion Ratio Lower Upper

45 100

77 19.6 0.0 34.6

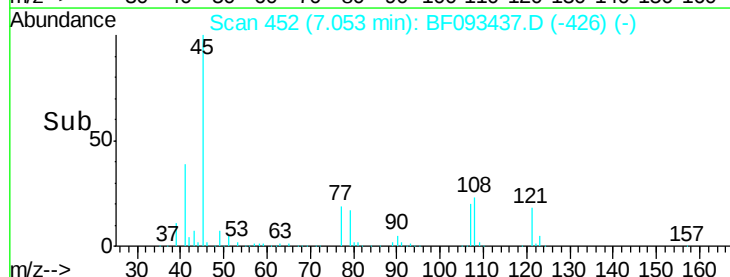
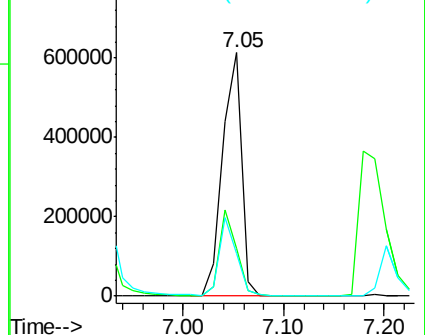
79 17.5 0.0 31.2

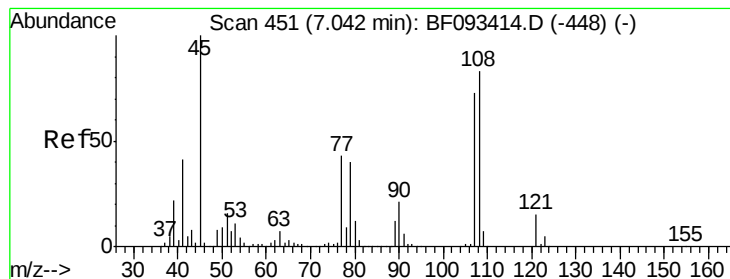


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 14.35 ng

RT: 7.04 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

Instrument :

BNA_F

ClientSampleId :

PB97449BS

Tgt Ion:107 Resp: 379969

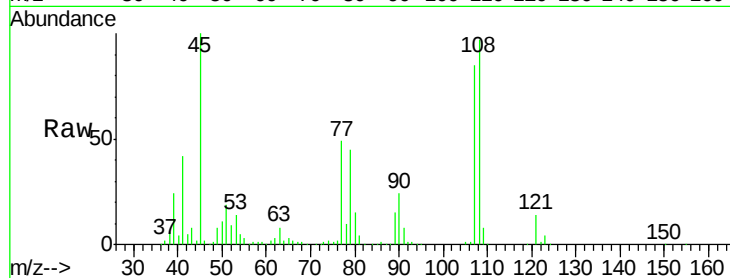
Ion Ratio Lower Upper

107 100

108 113.9 93.0 139.6

77 57.8 39.8 59.8

79 53.2 38.0 57.0

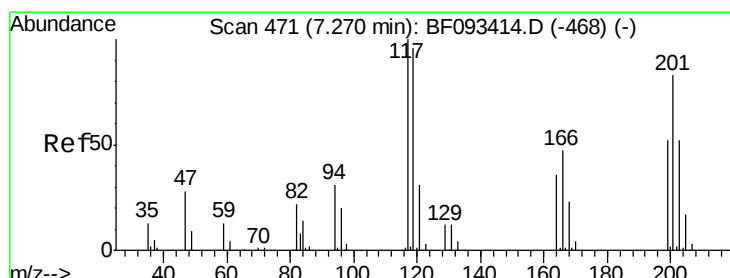
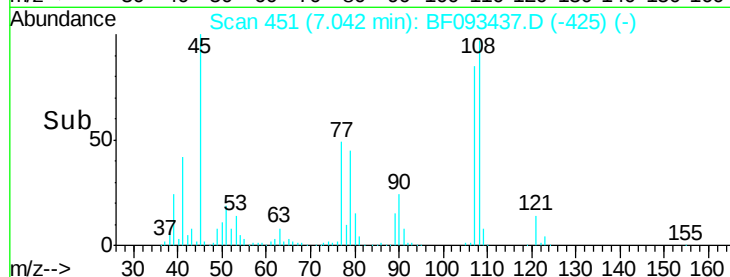
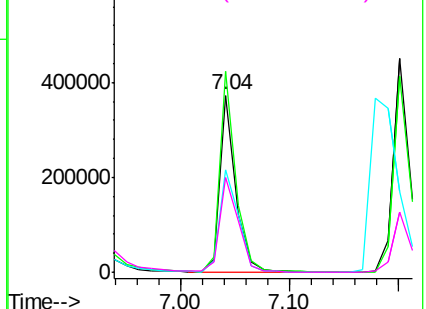


Abundance Ion 107.00 (106.70 to 107.70): E

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: 14.29 ng

RT: 7.27 min Scan# 471

Delta R.T. -0.00 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

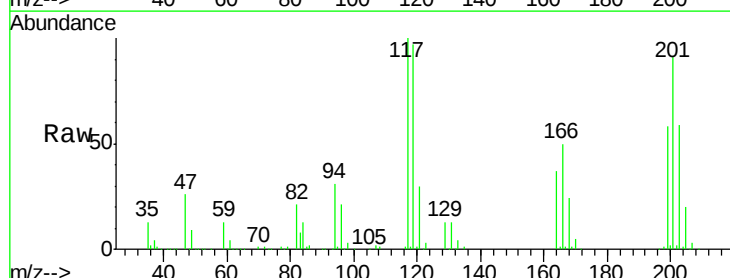
Tgt Ion:117 Resp: 176866

Ion Ratio Lower Upper

117 100

119 96.8 78.1 117.1

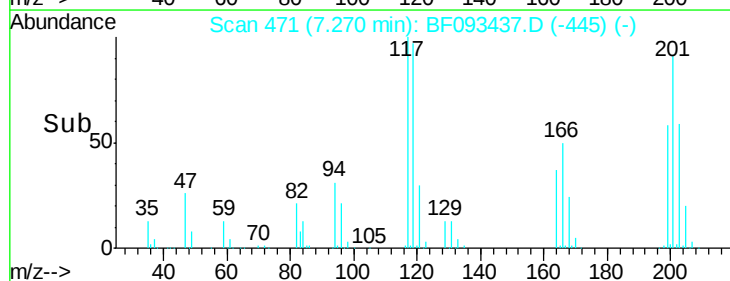
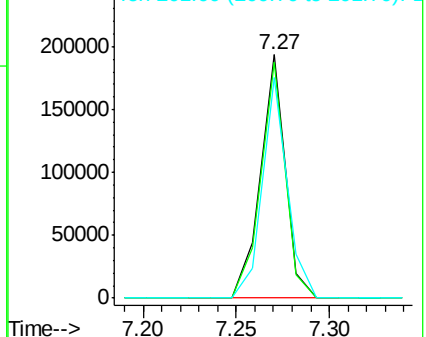
201 90.6 78.6 117.8

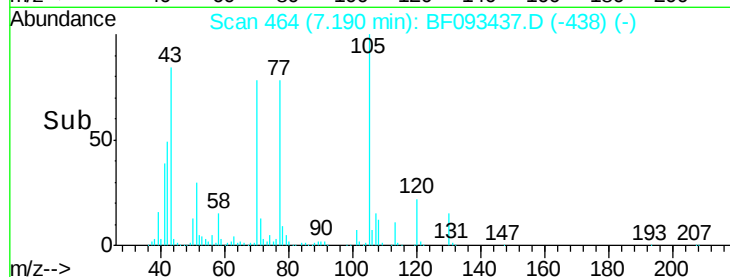
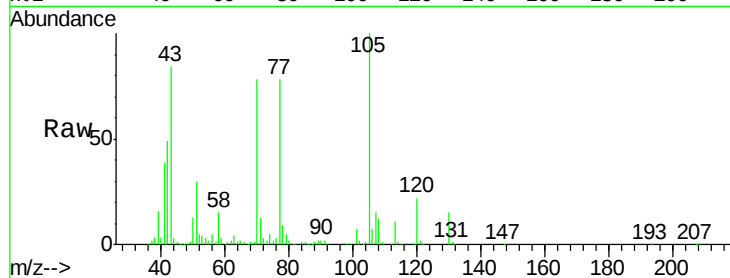
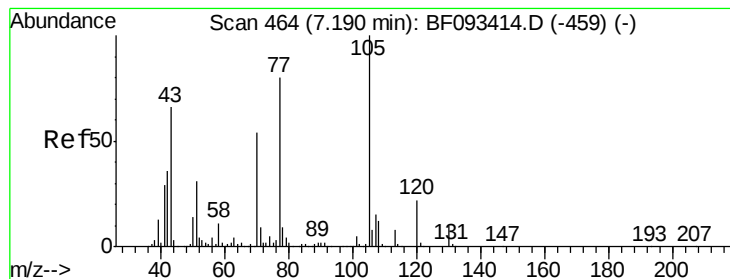


Abundance Ion 117.00 (116.70 to 117.70): E

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: 15.41 ng

RT: 7.19 min Scan# 464

Delta R.T. -0.00 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

Instrument :

BNA_F

ClientSampleId :

PB97449BS

Tgt Ion: 70 Resp: 373219

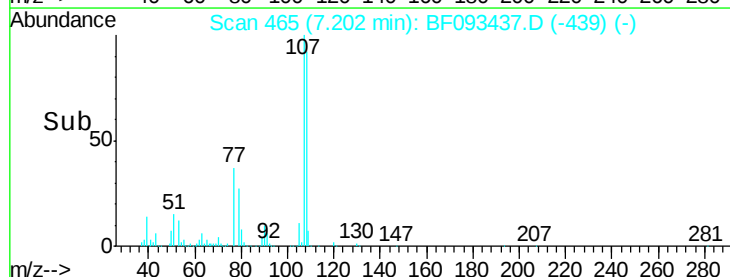
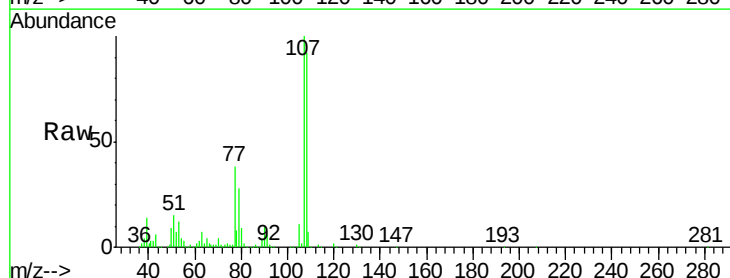
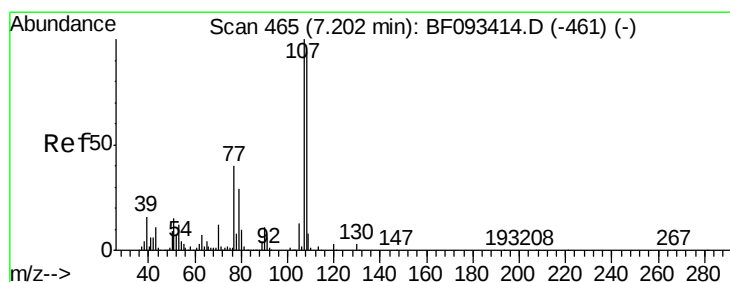
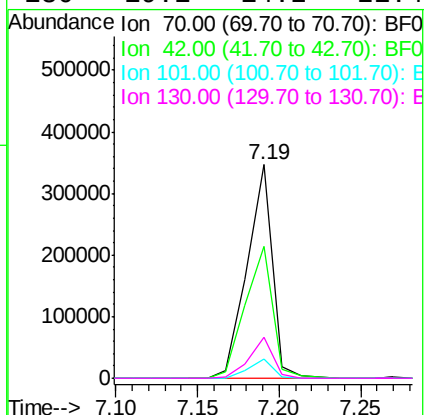
Ion Ratio Lower Upper

70 100

42 62.0 49.4 74.0

101 9.3 7.4 11.2

130 19.1 14.2 21.4



#20

3+4-Methylphenols

Concen: 15.10 ng

RT: 7.20 min Scan# 465

Delta R.T. -0.00 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

Tgt Ion: 107 Resp: 518612

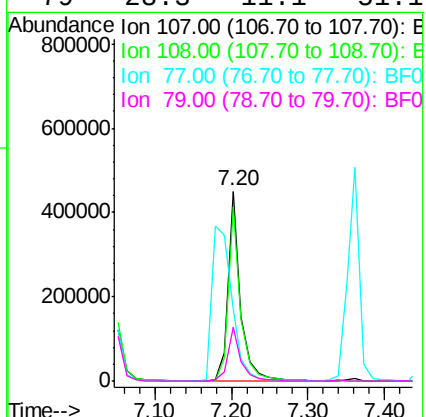
Ion Ratio Lower Upper

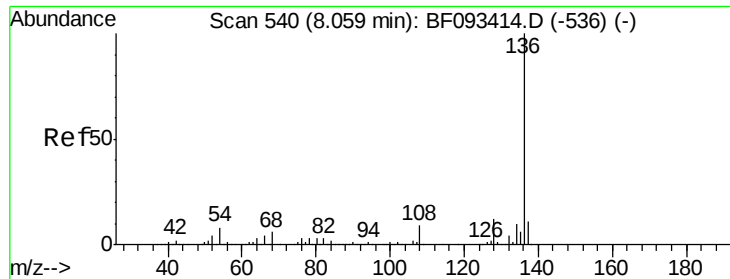
107 100

108 91.7 73.0 113.0

77 37.8 71.3 111.3#

79 28.3 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

Instrument :

BNA_F

ClientSampleId :

PB97449BS

Tgt Ion:136 Resp: 810150

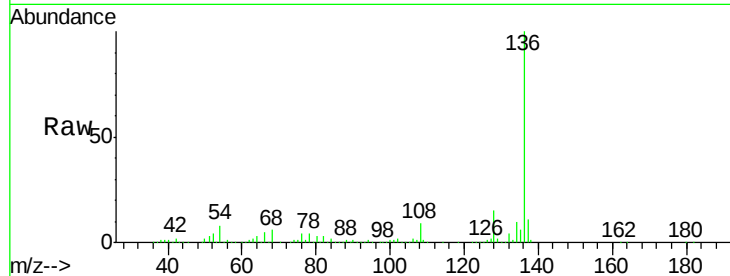
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 7.5 4.5 6.7#

68 5.7 3.6 5.4#

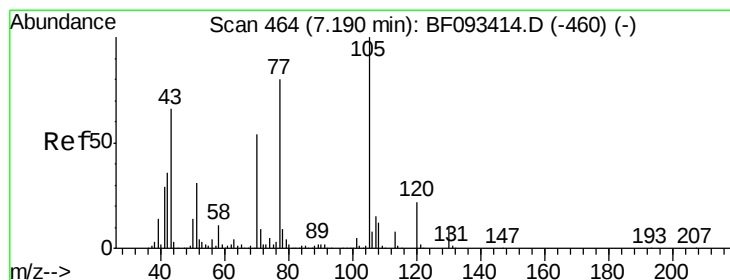
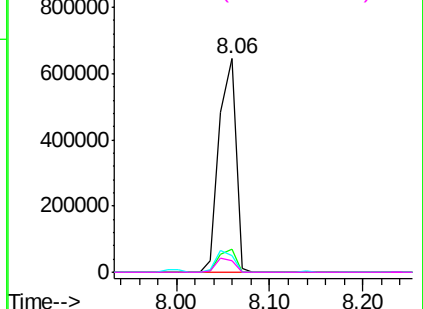
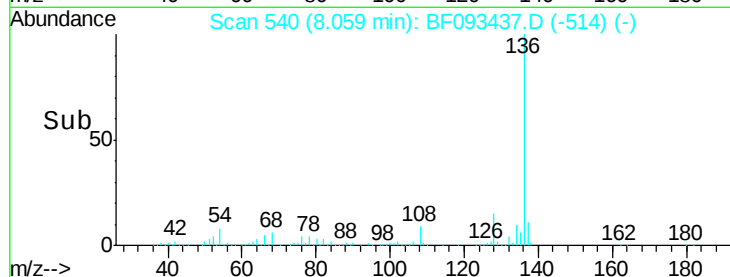


Abundance Ion 136.00 (135.70 to 136.70): E

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: 33.53 ng

RT: 7.19 min Scan# 464

Delta R.T. -0.00 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

Tgt Ion:105 Resp: 653719

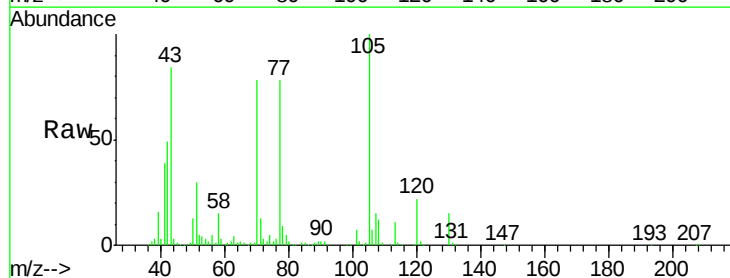
Ion Ratio Lower Upper

105 100

71 12.8 3.2 4.8#

51 29.6 26.2 39.4

120 22.0 16.6 24.8

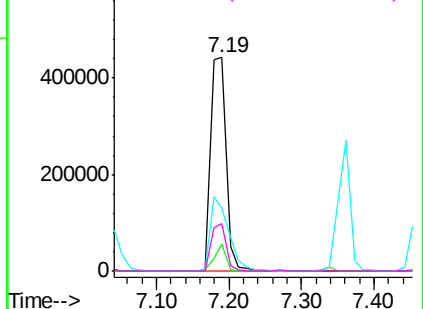
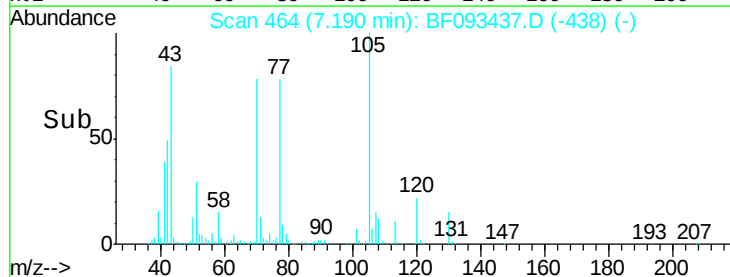


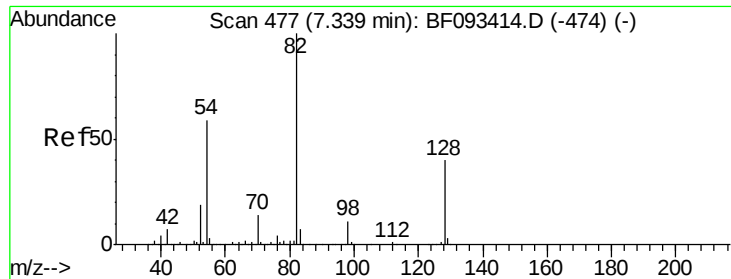
Abundance Ion 105.00 (104.70 to 105.70): E

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

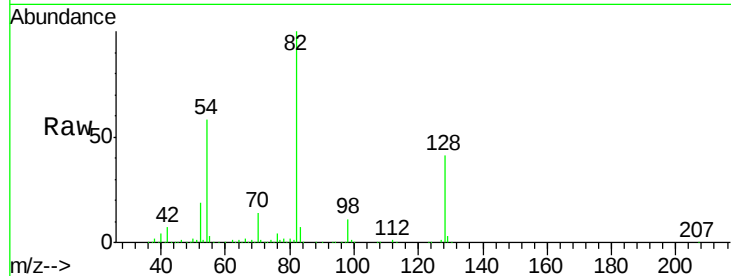




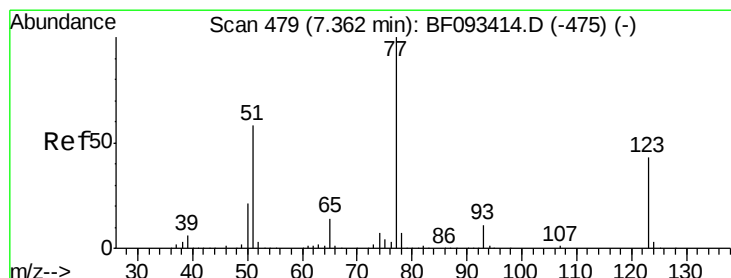
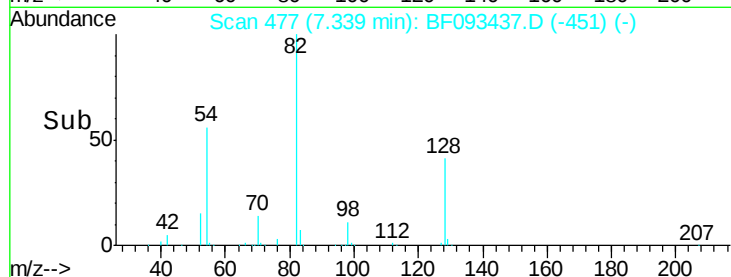
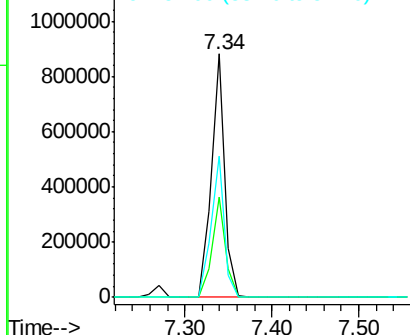
#23
 Nitrobenzene-d5
 Concen: 65.04 ng
 RT: 7.34 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF093437.D
 Acq: 8 Mar 2017 19:18

Instrument :
 BNA_F
 ClientSampleID :
 PB97449BS

Tgt Ion: 82 Resp: 949742
 Ion Ratio Lower Upper
 82 100
 128 41.0 34.6 52.0
 54 58.2 39.5 59.3

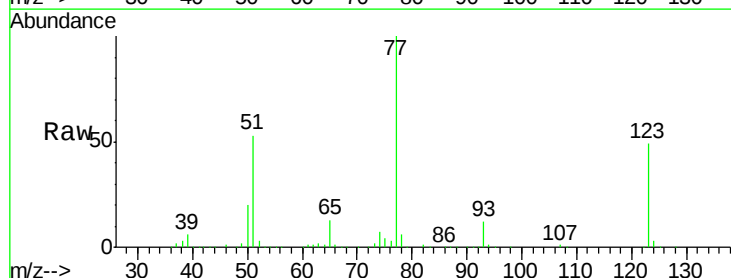


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

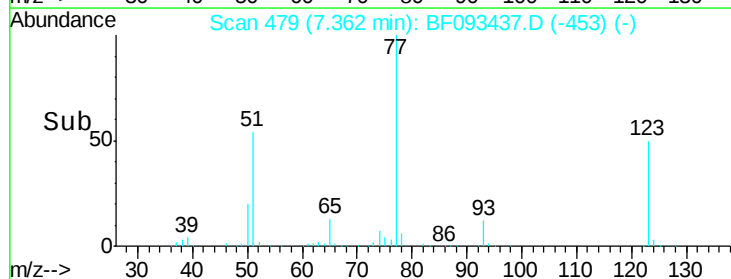
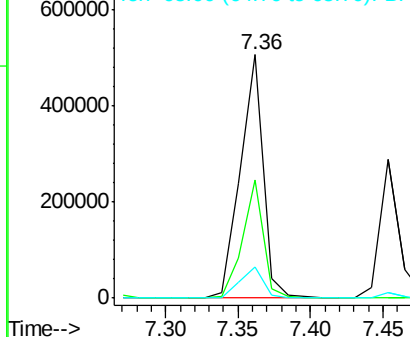


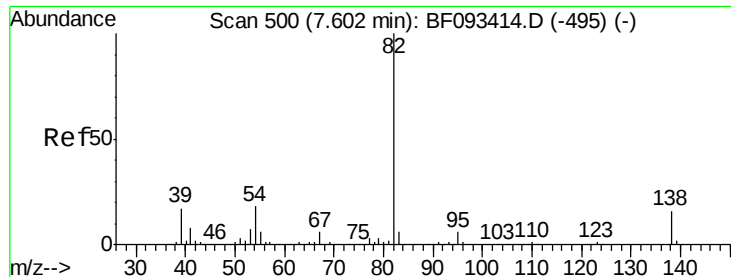
#24
 Nitrobenzene
 Concen: 33.66 ng
 RT: 7.36 min Scan# 479
 Delta R.T. -0.00 min
 Lab File: BF093437.D
 Acq: 8 Mar 2017 19:18

Tgt Ion: 77 Resp: 552347
 Ion Ratio Lower Upper
 77 100
 123 48.7 33.0 49.4
 65 13.0 11.2 16.8



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

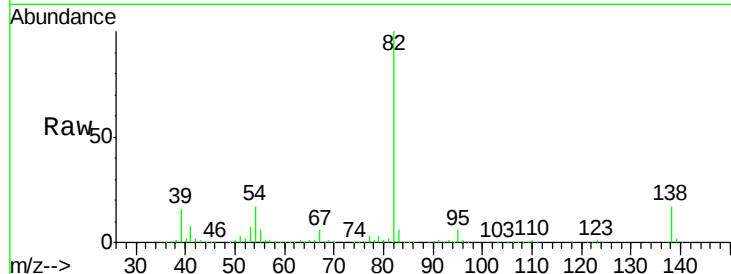




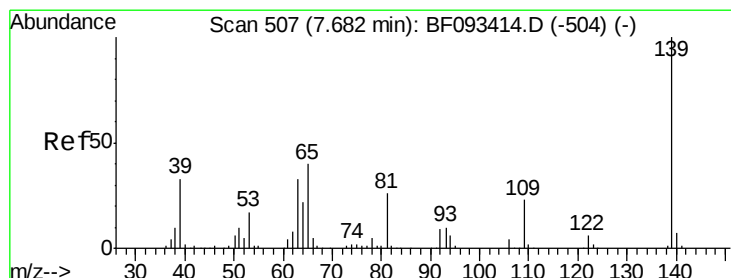
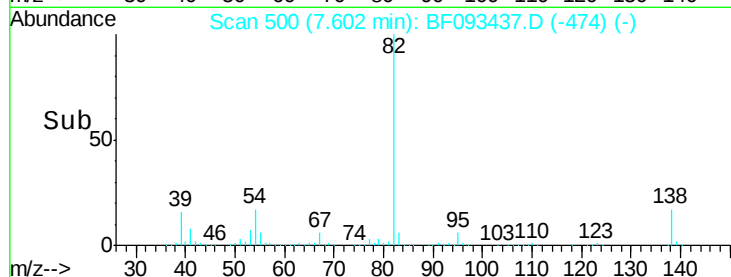
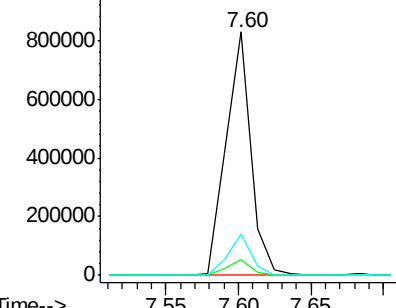
#25
Isophorone
Concen: 33.52 ng
RT: 7.60 min Scan# 500
Delta R.T. -0.00 min
Lab File: BF093437.D
Acq: 8 Mar 2017 19:18

Instrument :
BNA_F
ClientSampled :
PB97449BS

Tgt Ion: 82 Resp: 986897
Ion Ratio Lower Upper
82 100
95 6.3 5.6 8.4
138 17.1 14.6 22.0

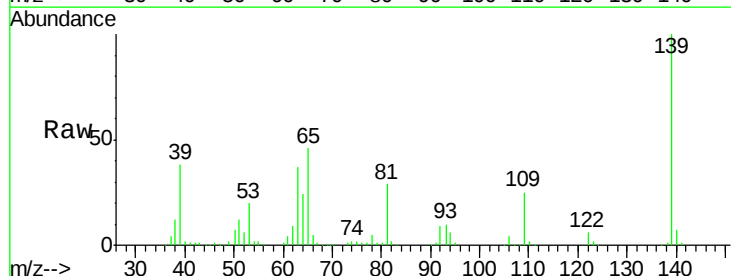


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

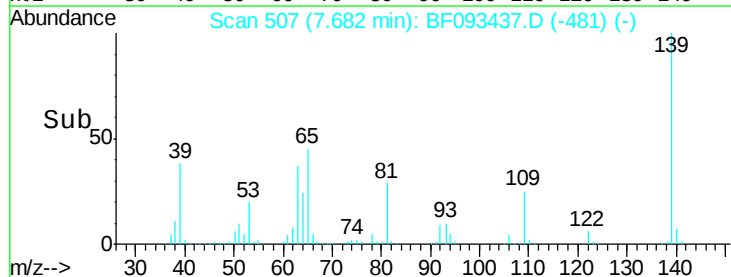
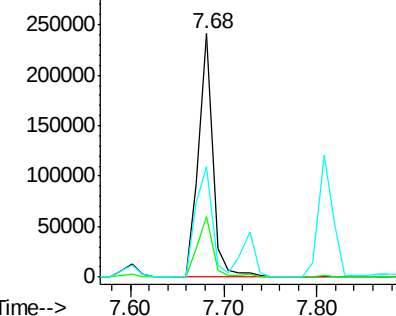


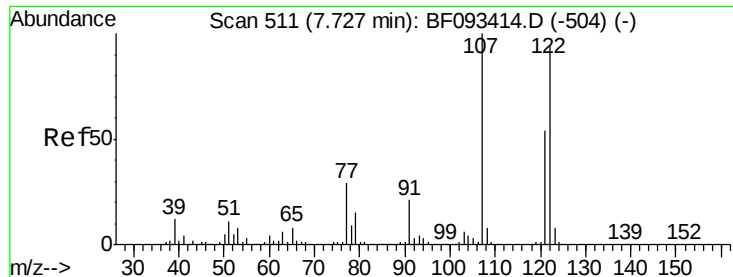
#26
2-Nitrophenol
Concen: 34.85 ng
RT: 7.68 min Scan# 507
Delta R.T. -0.00 min
Lab File: BF093437.D
Acq: 8 Mar 2017 19:18

Tgt Ion: 139 Resp: 260903
Ion Ratio Lower Upper
139 100
109 24.7 23.3 34.9
65 45.6 42.7 64.1



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

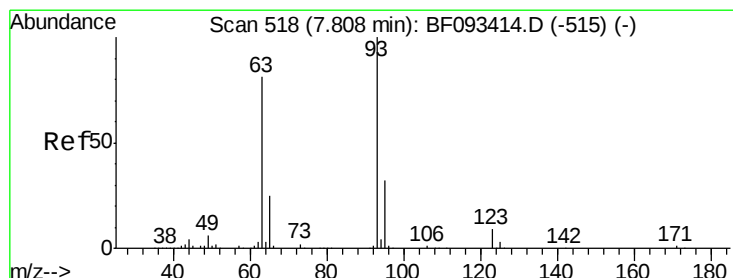
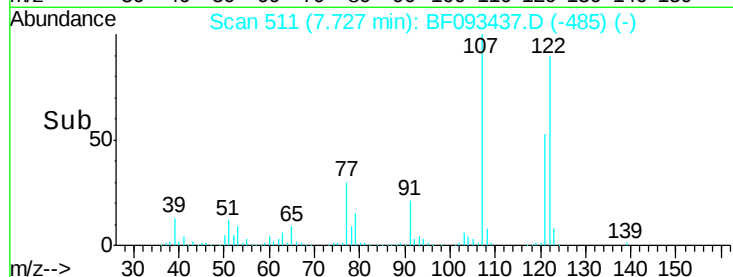
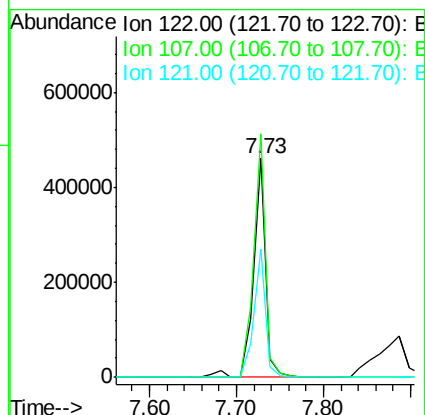
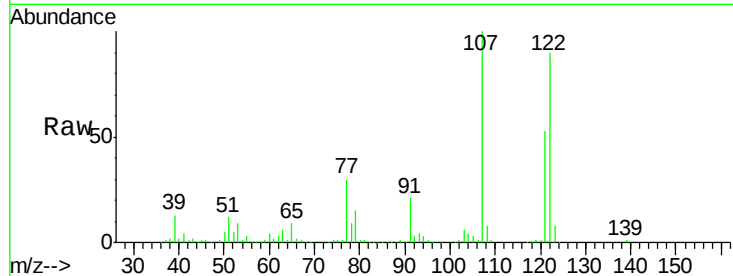




#27
 2,4-Dimethylphenol
 Concen: 37.40 ng
 RT: 7.73 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: BF093437.D
 Acq: 8 Mar 2017 19:18

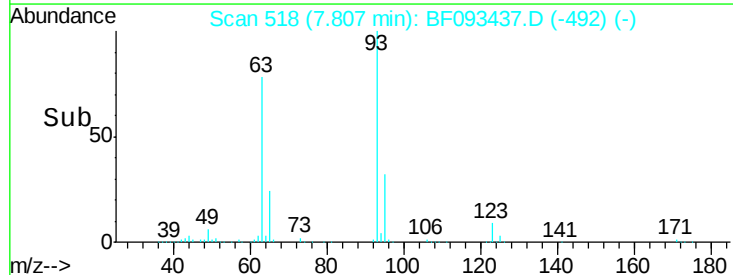
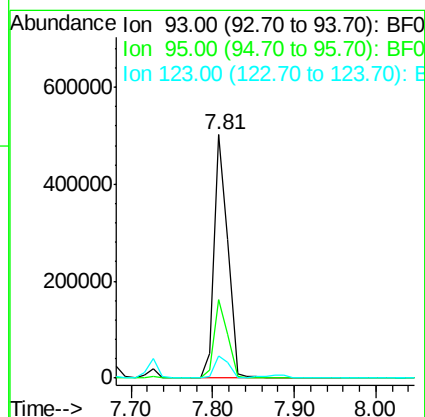
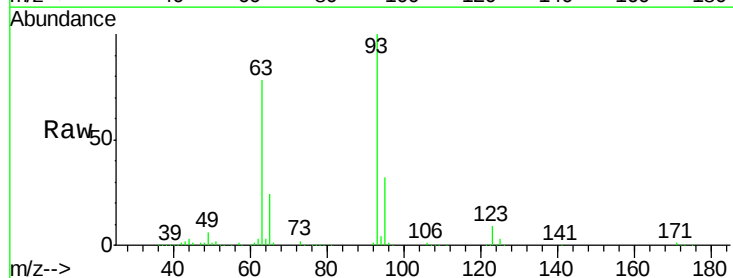
Instrument :
 BNA_F
 ClientSampleId :
 PB97449BS

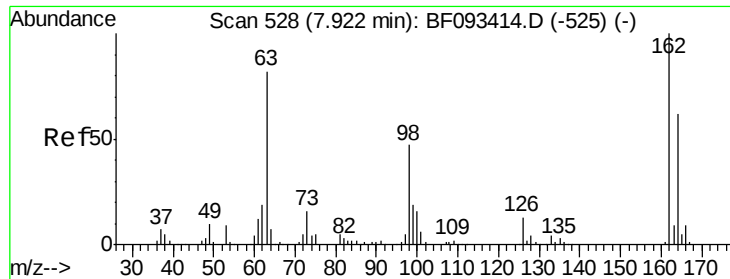
Tgt Ion:122 Resp: 455471
 Ion Ratio Lower Upper
 122 100
 107 111.2 94.1 141.1
 121 58.7 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 31.84 ng
 RT: 7.81 min Scan# 518
 Delta R.T. -0.00 min
 Lab File: BF093437.D
 Acq: 8 Mar 2017 19:18

Tgt Ion: 93 Resp: 591904
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.5 39.7
 123 9.2 8.6 13.0

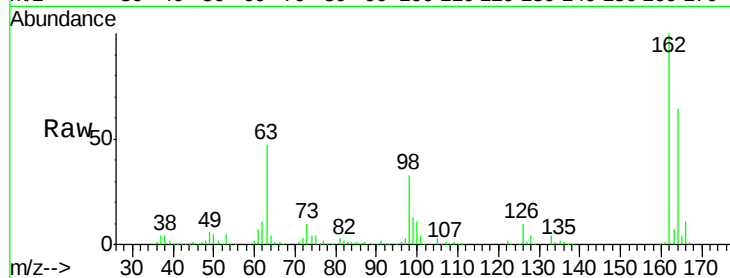




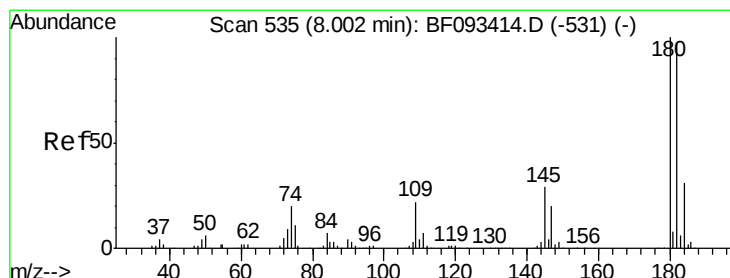
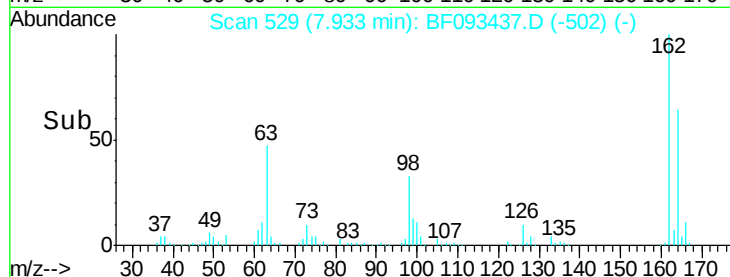
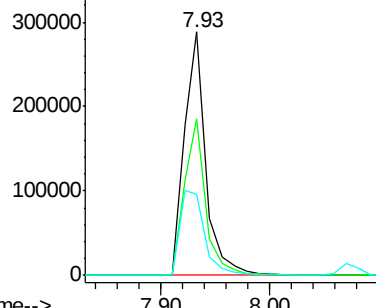
#29
 2,4-Dichlorophenol
 Concen: 34.40 ng
 RT: 7.93 min Scan# 529
 Delta R.T. 0.01 min
 Lab File: BF093437.D
 Acq: 8 Mar 2017 19:18

Instrument :
 BNA_F
 ClientSampleId :
 PB97449BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.3	46.8	86.8
98	33.2	9.1	49.1

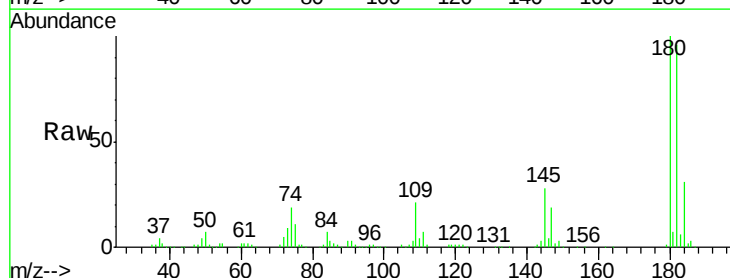


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

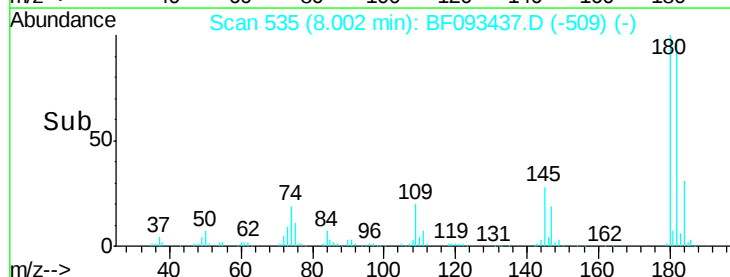
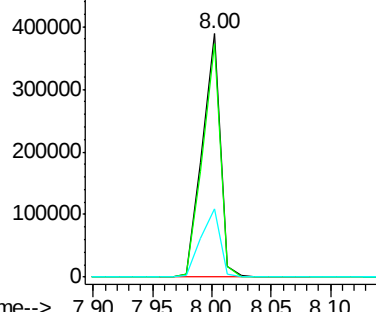


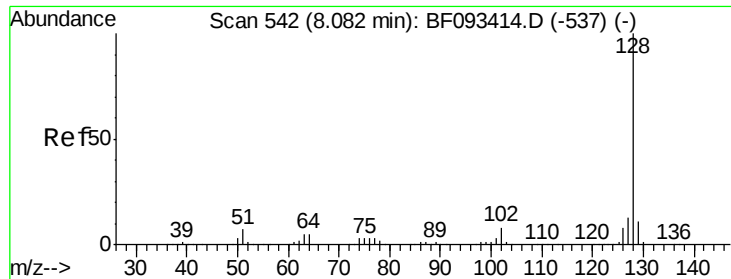
#30
 1,2,4-Trichlorobenzene
 Concen: 33.68 ng
 RT: 8.00 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: BF093437.D
 Acq: 8 Mar 2017 19:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	78.2	117.4
145	28.1	21.6	32.4



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

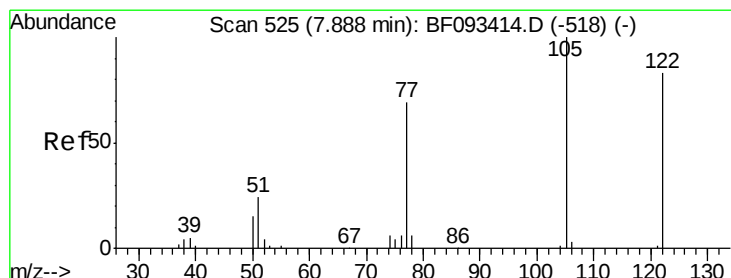
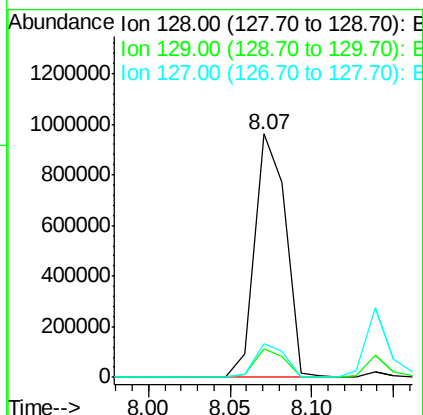
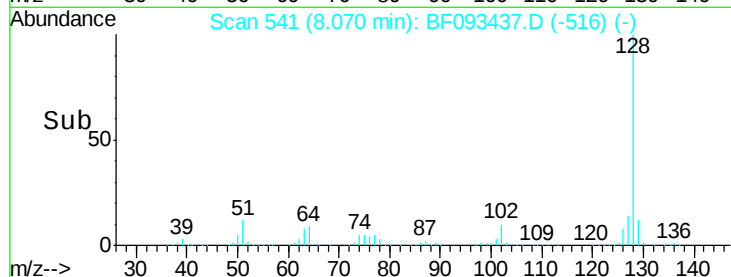
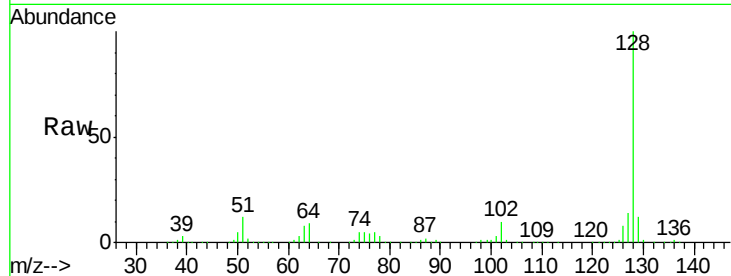




#31
Naphthalene
Concen: 31.33 ng
RT: 8.07 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF093437.D
Acq: 8 Mar 2017 19:18

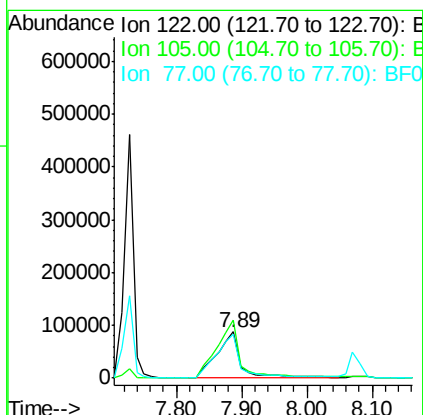
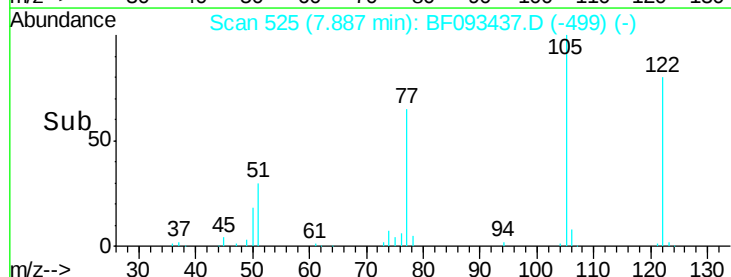
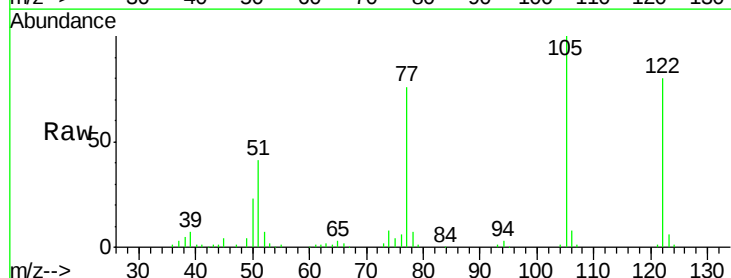
Instrument :
BNA_F
ClientSampleId :
PB97449BS

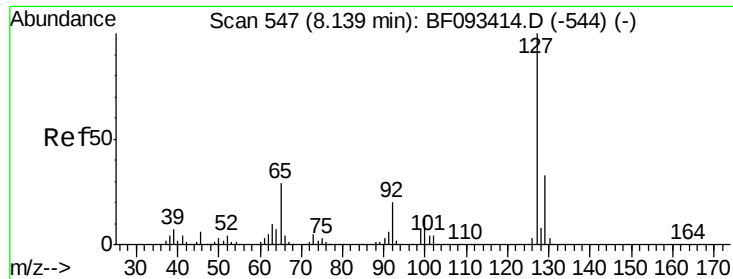
Tgt Ion:128 Resp: 1272042
Ion Ratio Lower Upper
128 100
129 11.6 9.5 14.3
127 13.8 10.8 16.2



#32
Benzoic acid
Concen: 34.60 ng
RT: 7.89 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF093437.D
Acq: 8 Mar 2017 19:18

Tgt Ion:122 Resp: 219019
Ion Ratio Lower Upper
122 100
105 125.5 107.2 147.2
77 95.2 74.5 114.5

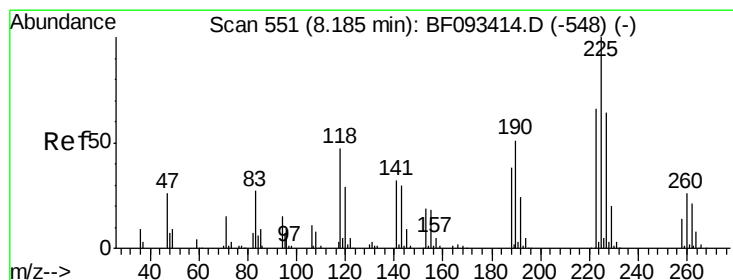
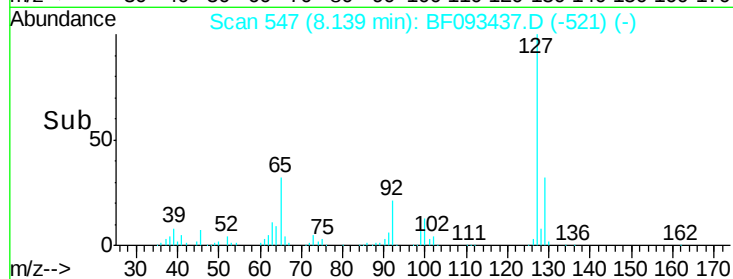
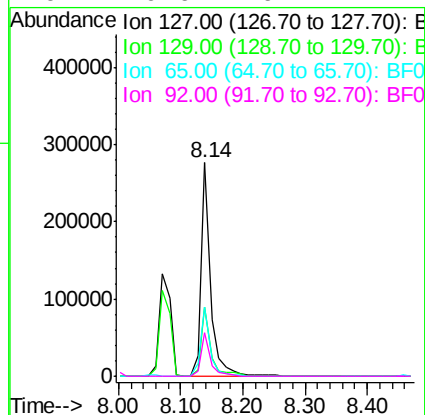
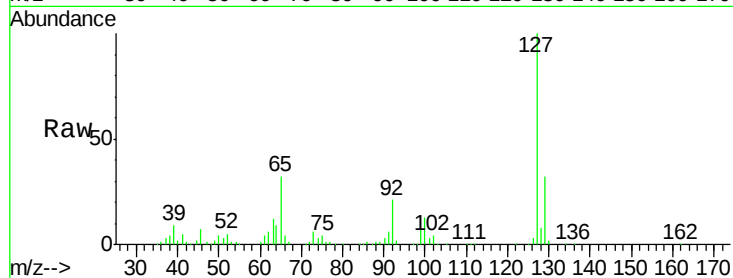




#33
 4-Chloroaniline
 Concen: 17.93 ng
 RT: 8.14 min Scan# 547
 Delta R.T. -0.00 min
 Lab File: BF093437.D
 Acq: 8 Mar 2017 19:18

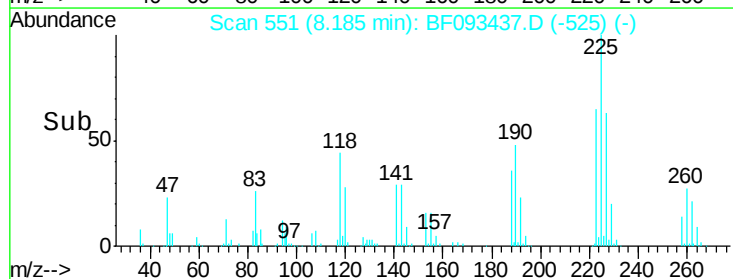
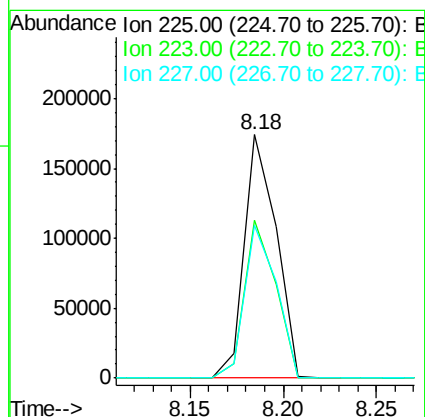
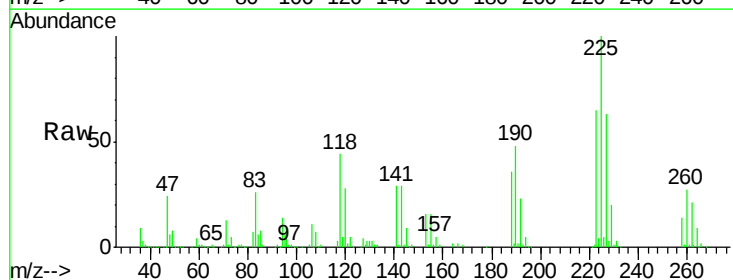
Instrument :
 BNA_F
 ClientSampleId :
 PB97449BS

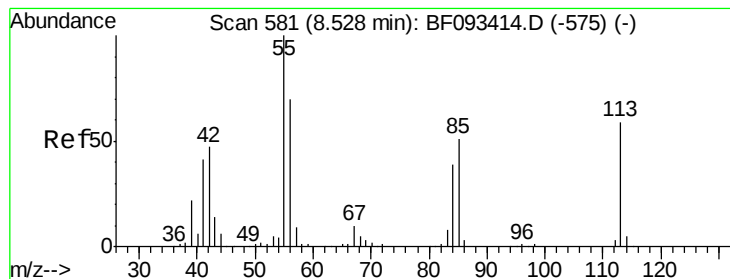
Tgt Ion:	127	Resp:	295472
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.3	39.5
65	32.2	25.8	38.8
92	20.6	16.1	24.1



#34
 Hexachlorobutadiene
 Concen: 32.93 ng
 RT: 8.18 min Scan# 551
 Delta R.T. -0.00 min
 Lab File: BF093437.D
 Acq: 8 Mar 2017 19:18

Tgt Ion:	225	Resp:	206713
Ion	Ratio	Lower	Upper
225	100		
223	64.7	51.0	76.6
227	62.7	50.6	76.0





#35

Caprolactam

Concen: 23.60 ng

RT: 8.52 min Scan# 580

Delta R.T. -0.01 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

Instrument :

BNA_F

ClientSampleId :

PB97449BS

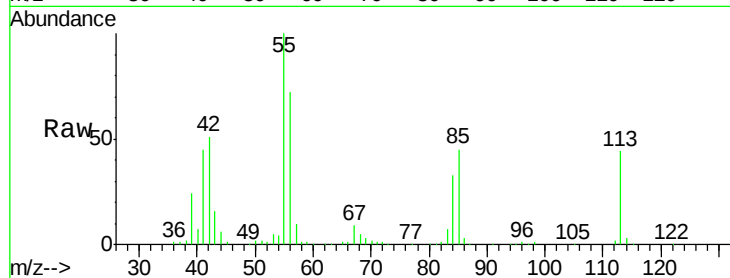
Tgt Ion:113 Resp: 92338

Ion Ratio Lower Upper

113 100

55 225.2 119.2 159.2#

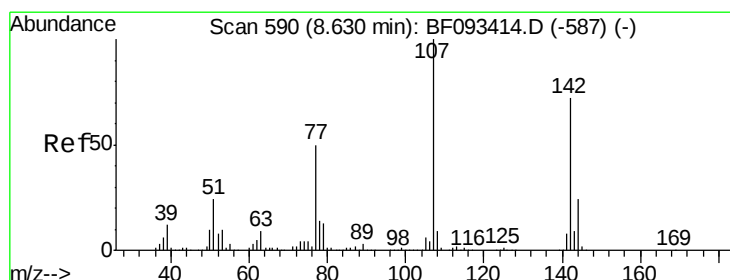
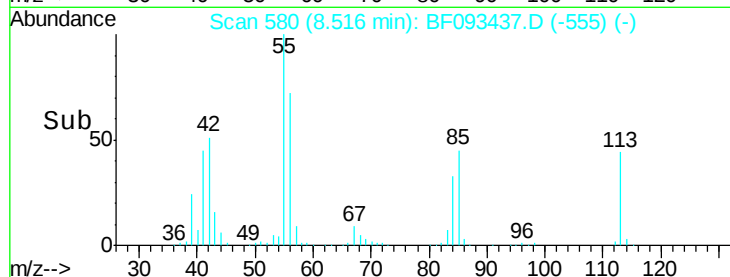
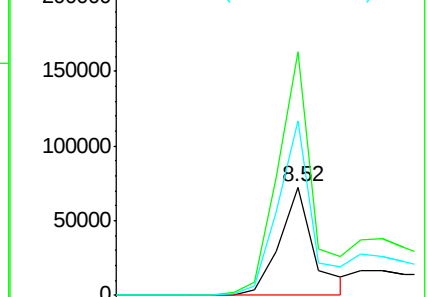
56 161.4 83.8 123.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 35.84 ng

RT: 8.64 min Scan# 591

Delta R.T. 0.01 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

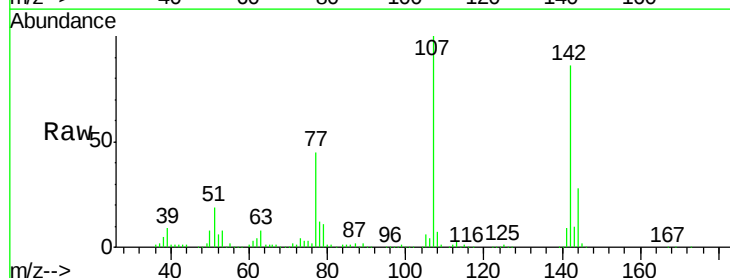
Tgt Ion:107 Resp: 438283

Ion Ratio Lower Upper

107 100

144 27.6 19.3 28.9

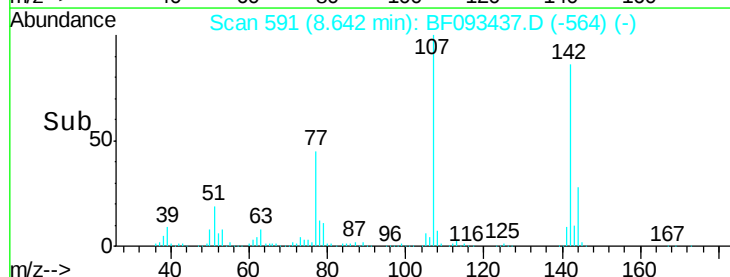
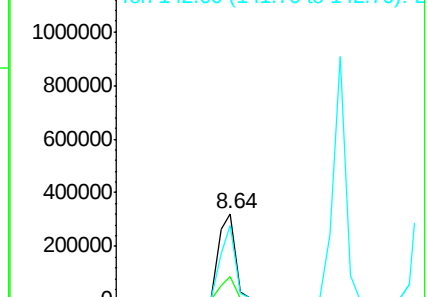
142 86.2 59.0 88.6

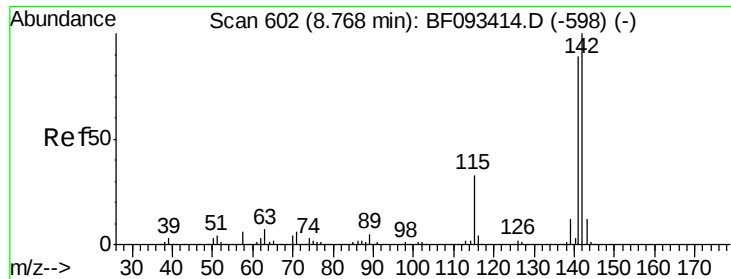


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

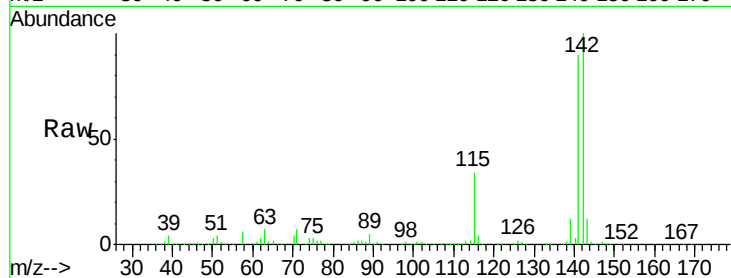




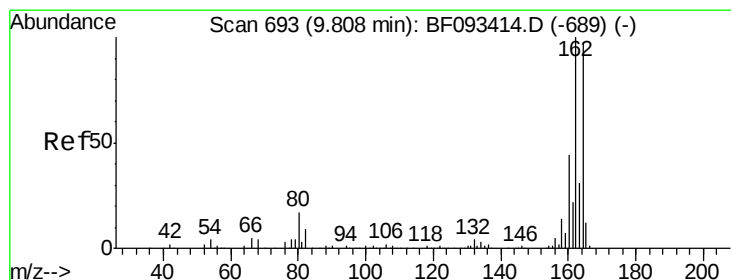
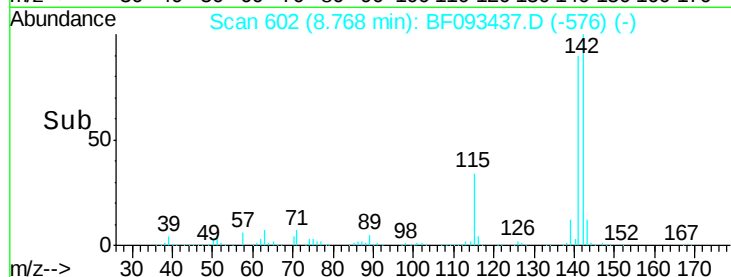
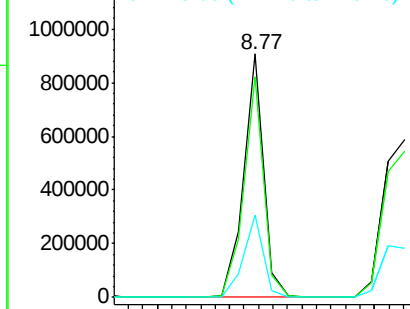
#37
2-Methylnaphthalene
Concen: 33.43 ng
RT: 8.77 min Scan# 602
Delta R.T. -0.00 min
Lab File: BF093437.D
Acq: 8 Mar 2017 19:18

Instrument :
BNA_F
ClientSampleId :
PB97449BS

Tgt Ion:142 Resp: 863413
Ion Ratio Lower Upper
142 100
141 90.5 71.0 106.6
115 33.9 28.3 42.5

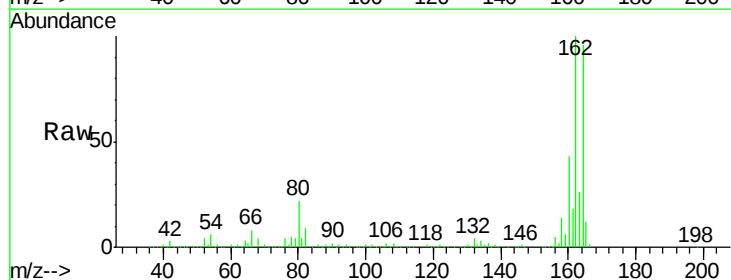


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

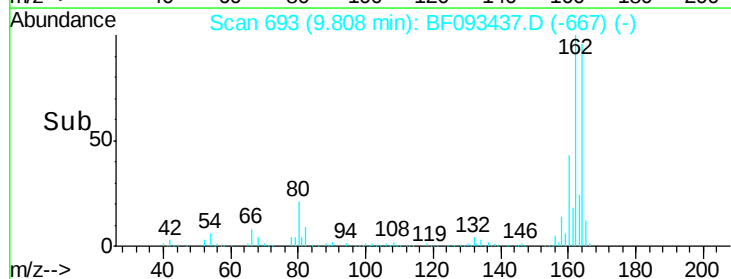
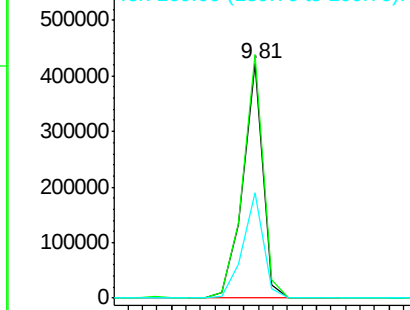


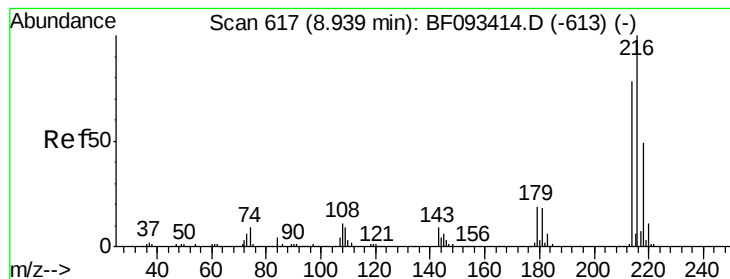
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF093437.D
Acq: 8 Mar 2017 19:18

Tgt Ion:164 Resp: 403331
Ion Ratio Lower Upper
164 100
162 104.0 80.2 120.2
160 45.2 36.9 55.3



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: 35.62 ng

RT: 8.94 min Scan# 617

Delta R.T. -0.00 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

Instrument :

BNA_F

ClientSampleId :

PB97449BS

Tgt Ion:216 Resp: 392305

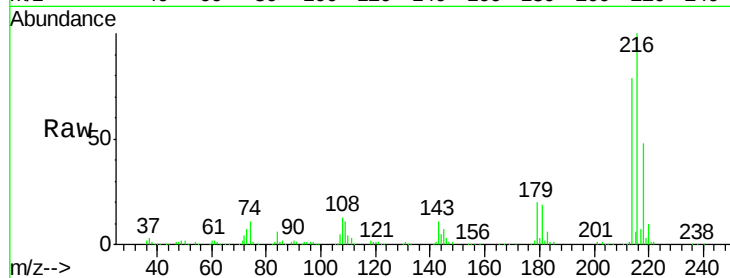
Ion Ratio Lower Upper

216 100

214 78.9 63.4 95.0

179 21.7 17.4 26.2

108 19.8 15.6 23.4

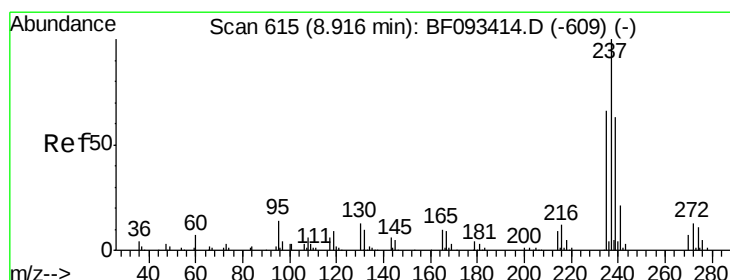
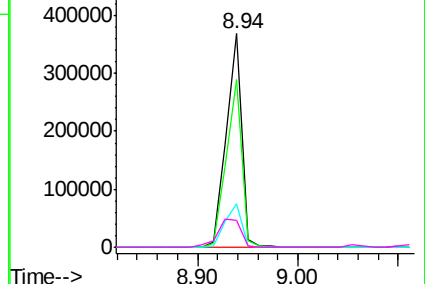
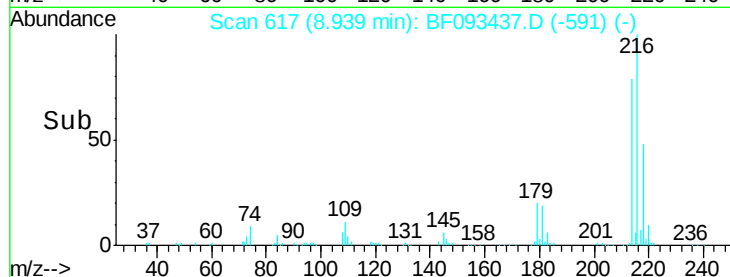


Abundance Ion 216.00 (215.70 to 216.70): E

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: 72.77 ng

RT: 8.92 min Scan# 615

Delta R.T. -0.00 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

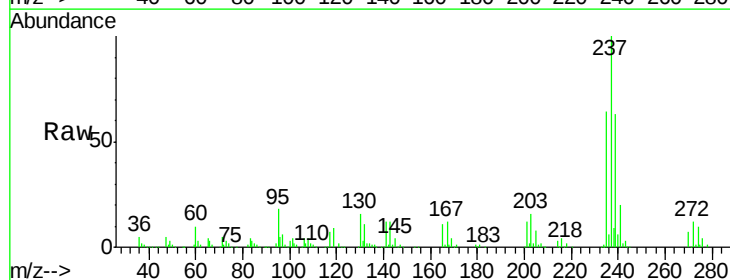
Tgt Ion:237 Resp: 198664

Ion Ratio Lower Upper

237 100

235 63.6 41.2 81.2

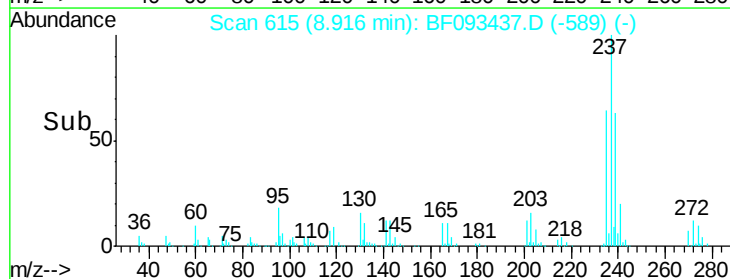
272 12.4 0.0 35.4



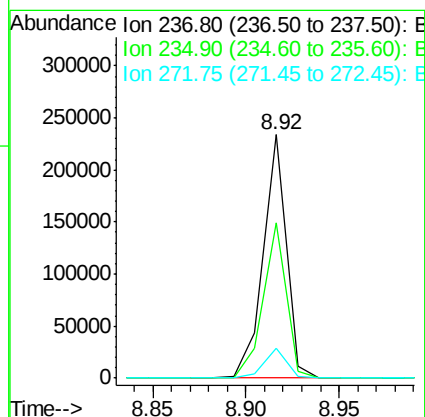
Abundance Ion 236.80 (236.50 to 237.50): E

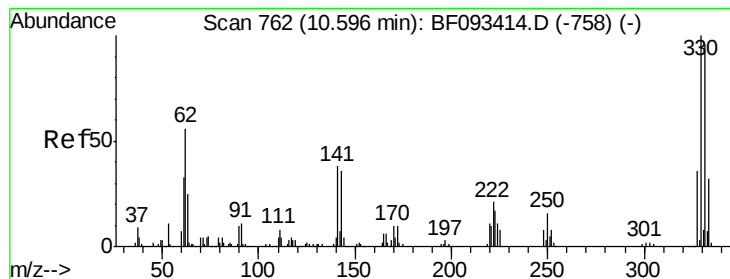
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

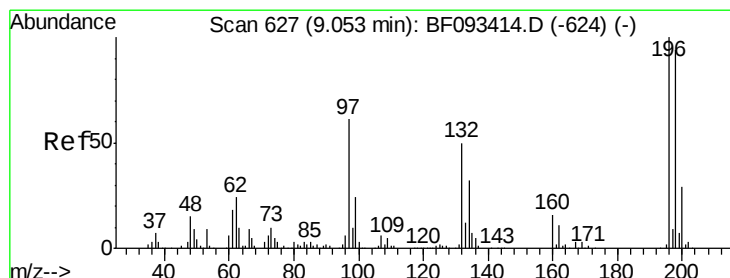
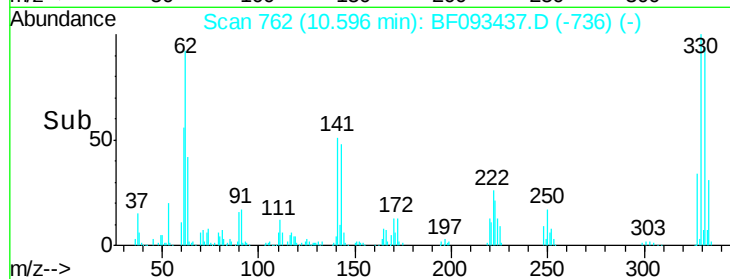
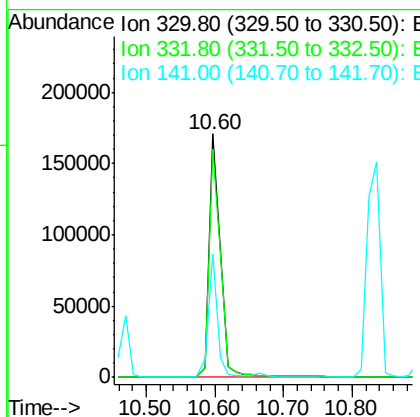
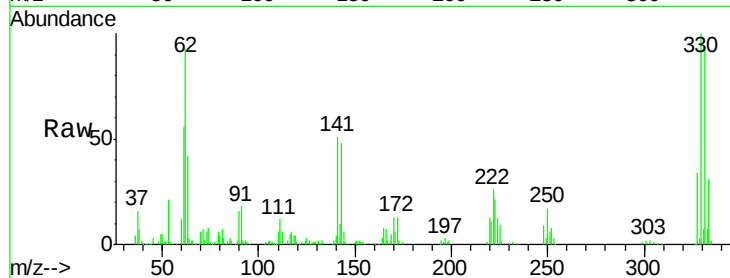




#41
 2,4,6-Tribromophenol
 Concen: 76.09 ng
 RT: 10.60 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF093437.D
 Acq: 8 Mar 2017 19:18

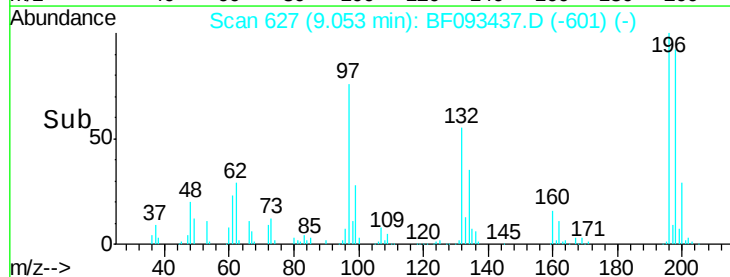
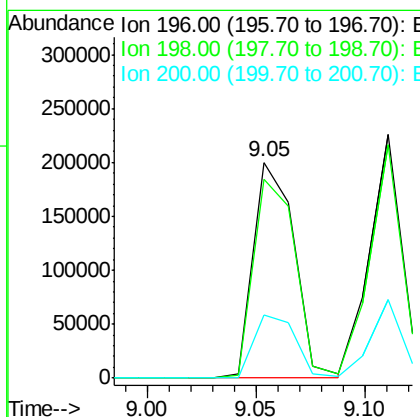
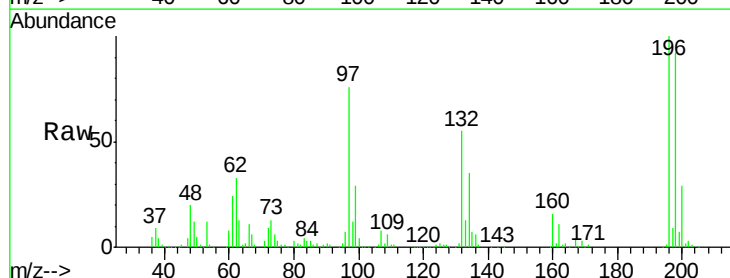
Instrument :
 BNA_F
 ClientSampleID :
 PB97449BS

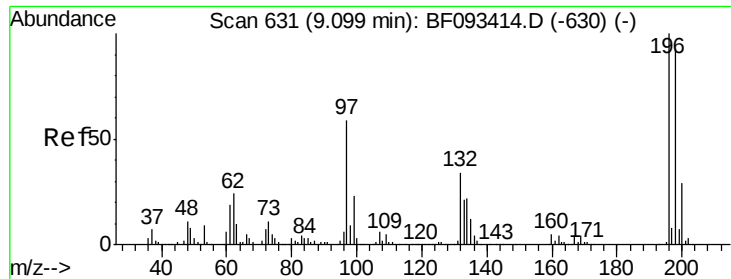
Tgt Ion:330 Resp: 199954
 Ion Ratio Lower Upper
 330 100
 332 94.2 77.4 116.2
 141 41.1 34.1 51.1



#42
 2,4,6-Trichlorophenol
 Concen: 38.03 ng
 RT: 9.05 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: BF093437.D
 Acq: 8 Mar 2017 19:18

Tgt Ion:196 Resp: 261704
 Ion Ratio Lower Upper
 196 100
 198 92.3 82.1 123.1
 200 29.4 27.0 40.4

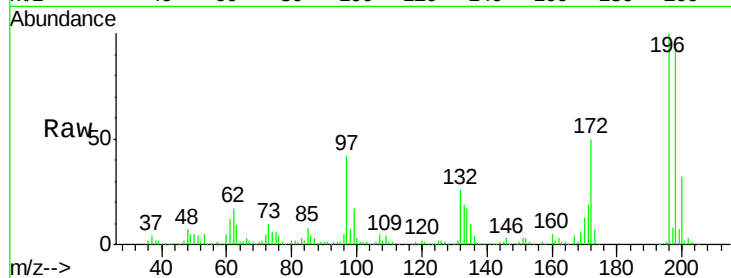




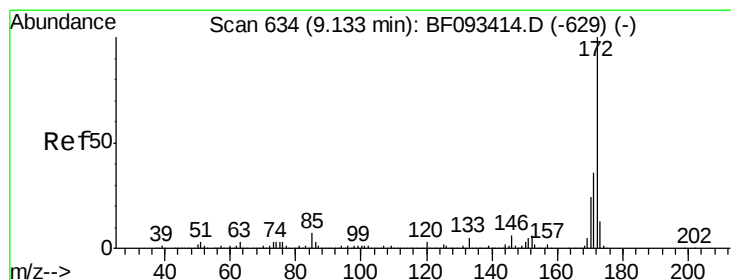
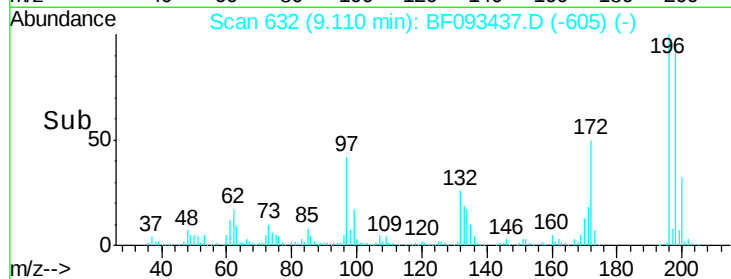
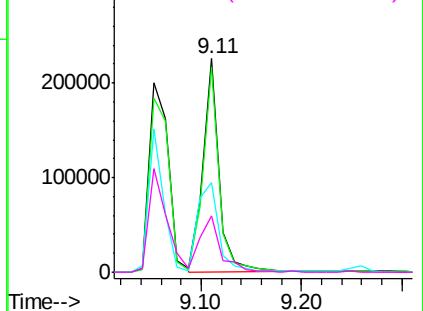
#43
 2,4,5-Trichlorophenol
 Concen: 34.29 ng
 RT: 9.11 min Scan# 632
 Delta R.T. 0.01 min
 Lab File: BF093437.D
 Acq: 8 Mar 2017 19:18

Instrument :
 BNA_F
 ClientSampleId :
 PB97449BS

Tgt Ion:196 Resp: 253151
 Ion Ratio Lower Upper
 196 100
 198 95.9 79.4 119.2
 97 41.9 51.5 77.3#
 132 26.3 27.4 41.2#

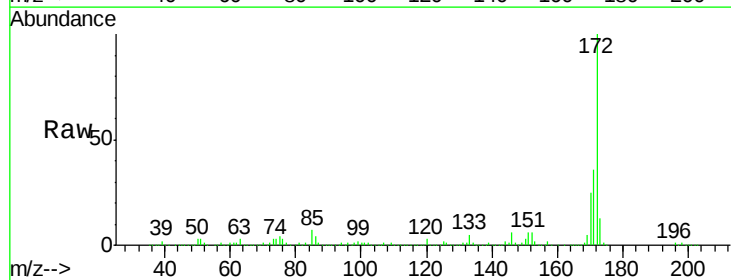


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

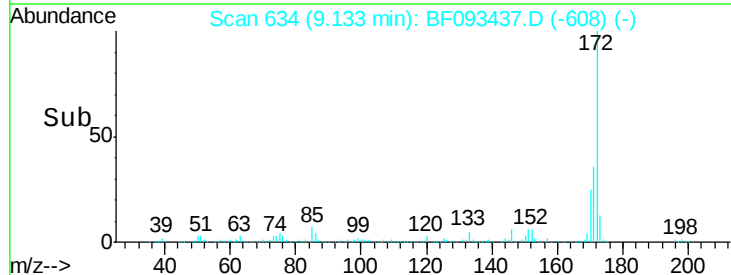
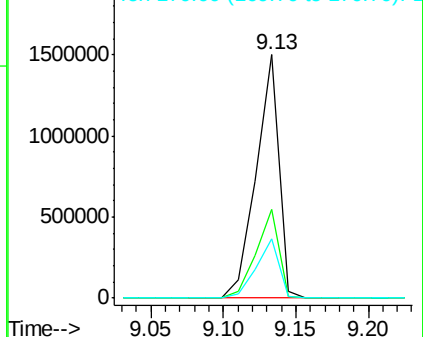


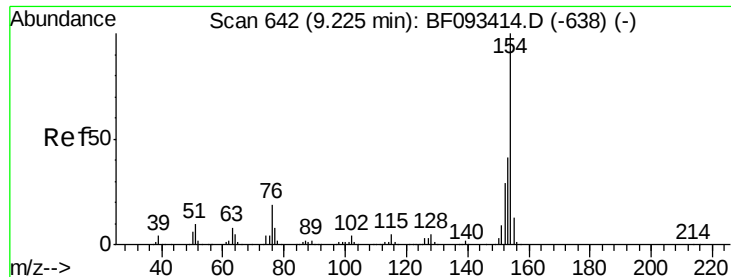
#44
 2-Fluorobiphenyl
 Concen: 75.45 ng
 RT: 9.13 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF093437.D
 Acq: 8 Mar 2017 19:18

Tgt Ion:172 Resp: 1636116
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.6 20.2 30.4



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

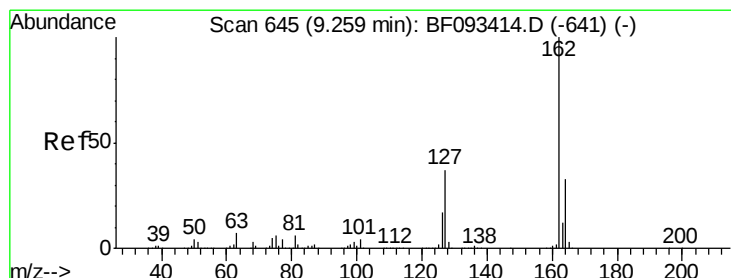
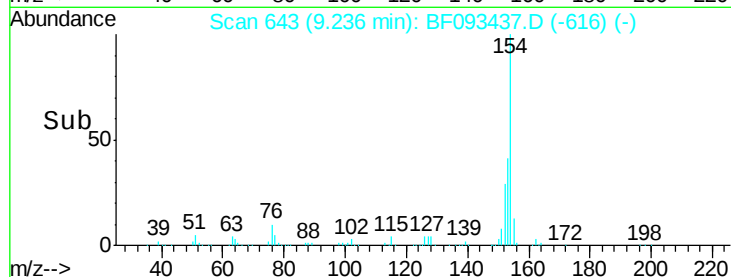
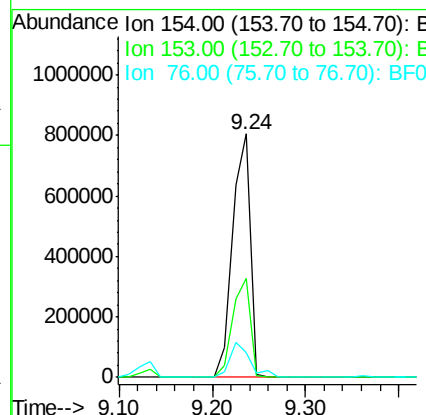
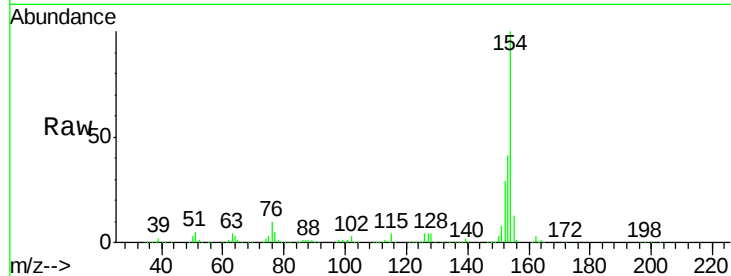




#45
 1,1'-Biphenyl
 Concen: 36.31 ng
 RT: 9.24 min Scan# 643
 Delta R.T. 0.01 min
 Lab File: BF093437.D
 Acq: 8 Mar 2017 19:18

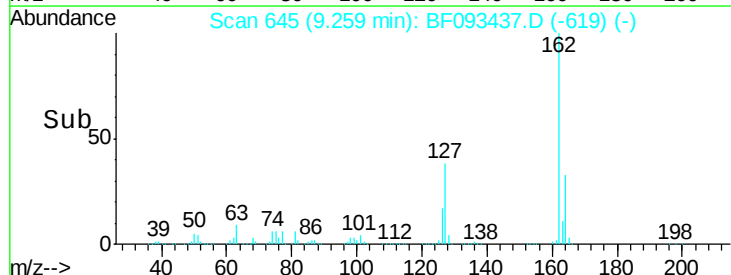
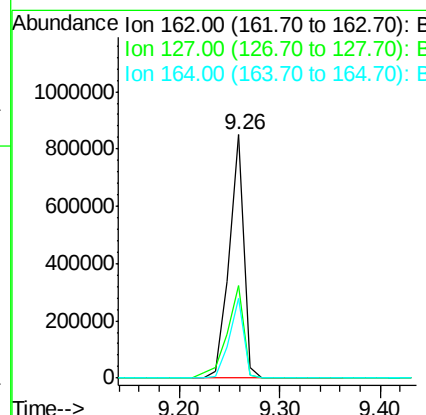
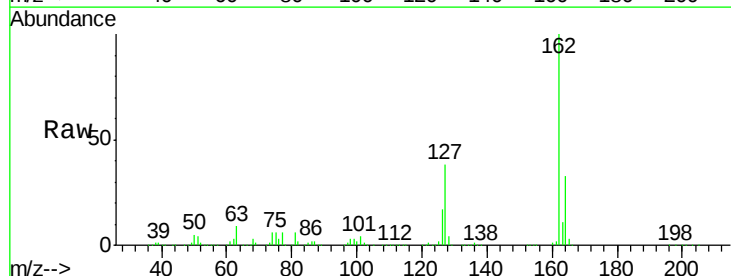
Instrument :
 BNA_F
 ClientSampleId :
 PB97449BS

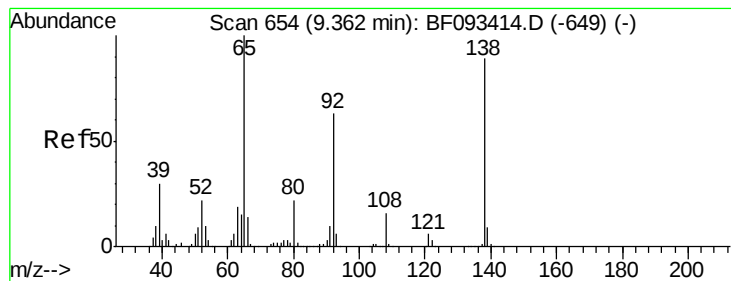
Tgt Ion:154 Resp: 1066884
 Ion Ratio Lower Upper
 154 100
 153 40.6 20.9 60.9
 76 10.1 0.0 30.5



#46
 2-Chloronaphthalene
 Concen: 38.26 ng
 RT: 9.26 min Scan# 645
 Delta R.T. -0.00 min
 Lab File: BF093437.D
 Acq: 8 Mar 2017 19:18

Tgt Ion:162 Resp: 860520
 Ion Ratio Lower Upper
 162 100
 127 38.1 30.7 46.1
 164 32.9 27.6 41.4





#47

2-Nitroaniline

Concen: 36.75 ng

RT: 9.36 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

Instrument :

BNA_F

ClientSampleId :

PB97449BS

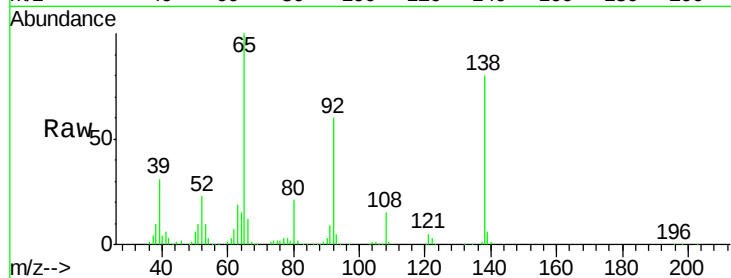
Tgt Ion: 65 Resp: 292188

Ion Ratio Lower Upper

65 100

92 59.9 53.9 80.9

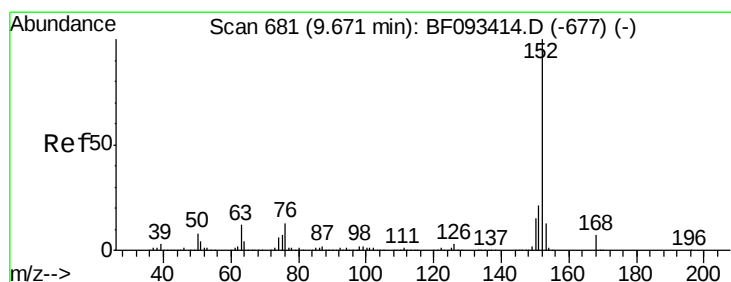
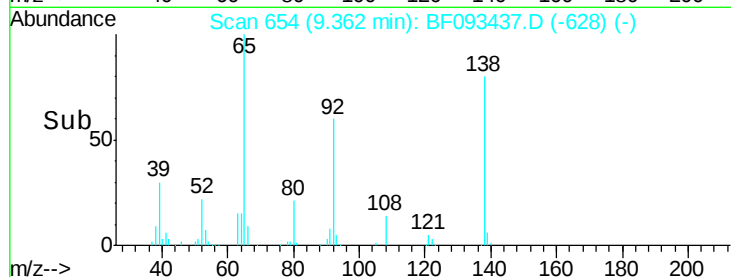
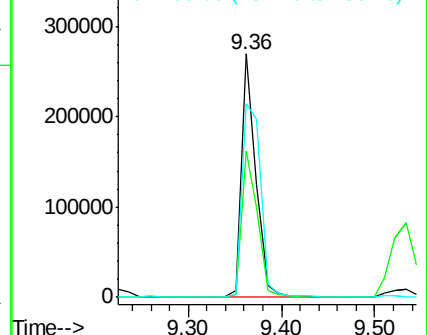
138 79.7 76.8 115.2



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 34.50 ng

RT: 9.67 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

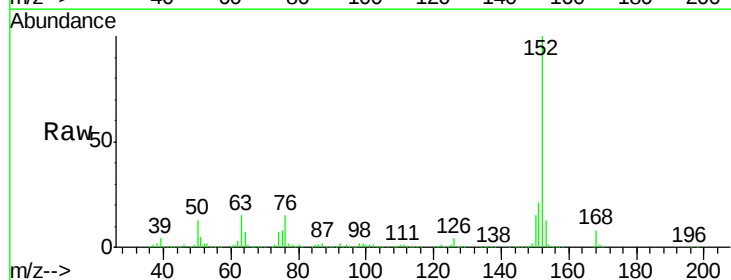
Tgt Ion: 152 Resp: 1279689

Ion Ratio Lower Upper

152 100

151 20.6 16.9 25.3

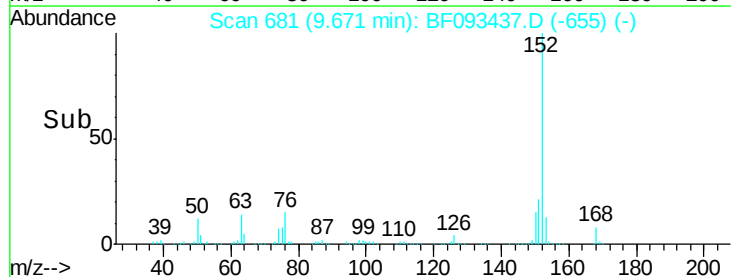
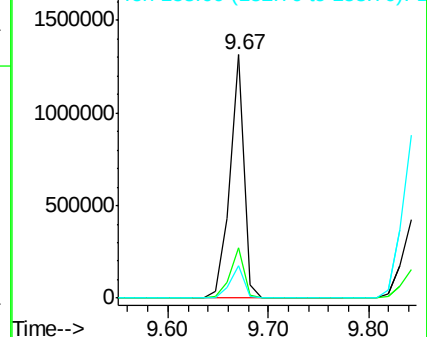
153 13.4 11.4 17.2

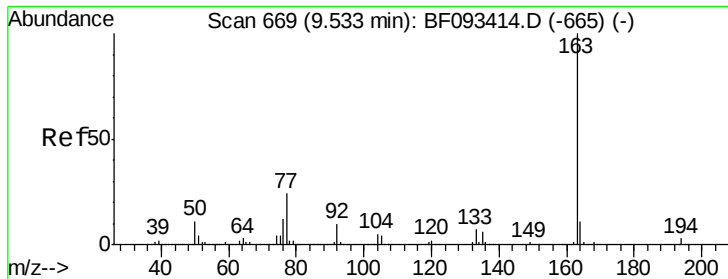


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

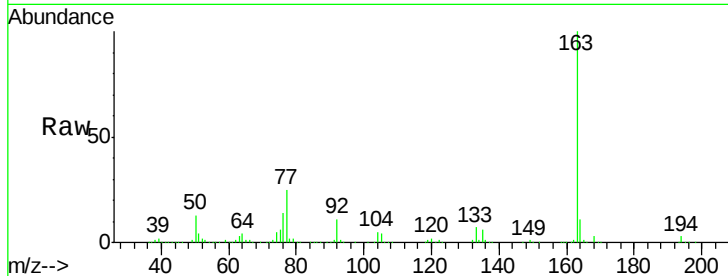




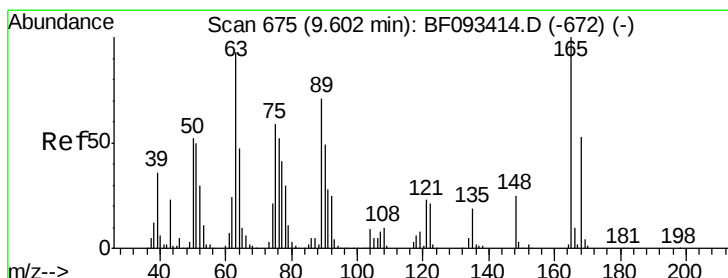
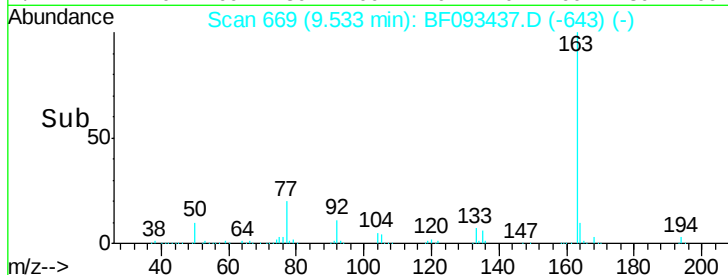
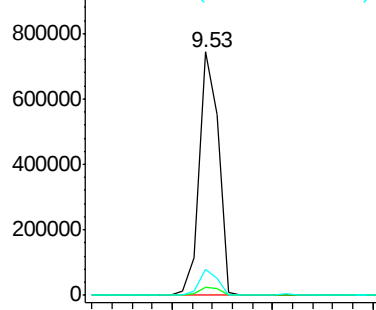
#49
Dimethylphthalate
Concen: 36.81 ng
RT: 9.53 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF093437.D
Acq: 8 Mar 2017 19:18

Instrument :
BNA_F
ClientSampleId :
PB97449BS

Tgt Ion:163 Resp: 984176
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 10.6 8.0 12.0

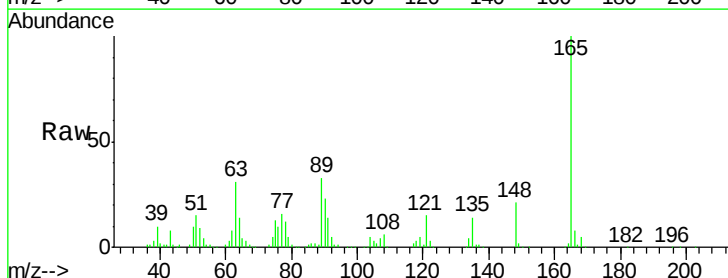


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

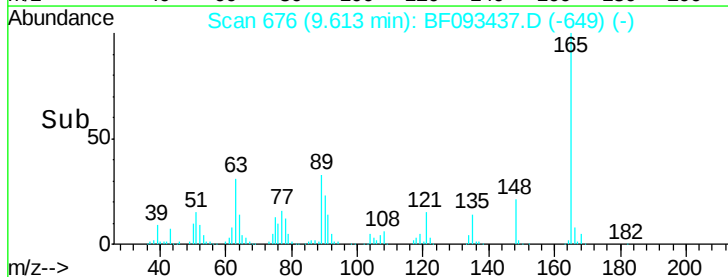
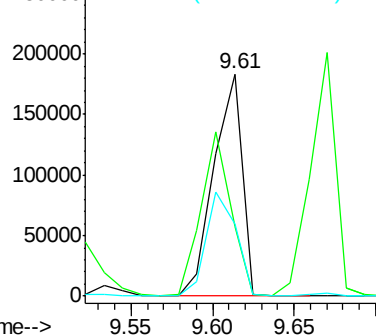


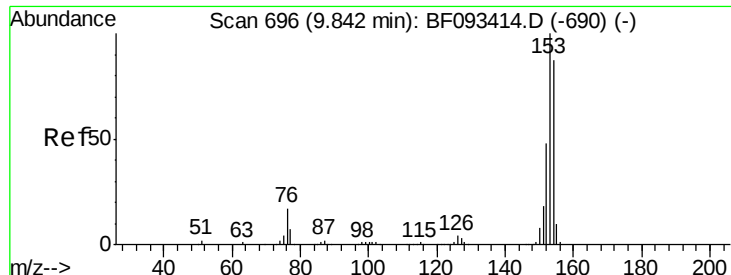
#50
2,6-Dinitrotoluene
Concen: 37.61 ng
RT: 9.61 min Scan# 676
Delta R.T. 0.01 min
Lab File: BF093437.D
Acq: 8 Mar 2017 19:18

Tgt Ion:165 Resp: 220669
Ion Ratio Lower Upper
165 100
63 31.4 36.2 54.4#
89 32.6 40.2 60.4#



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: 35.75 ng

RT: 9.84 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

Instrument :

BNA_F

ClientSampleId :

PB97449BS

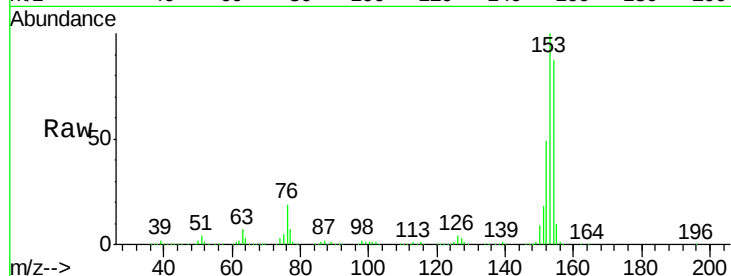
Tgt Ion:154 Resp: 784148

Ion Ratio Lower Upper

154 100

153 114.9 88.6 133.0

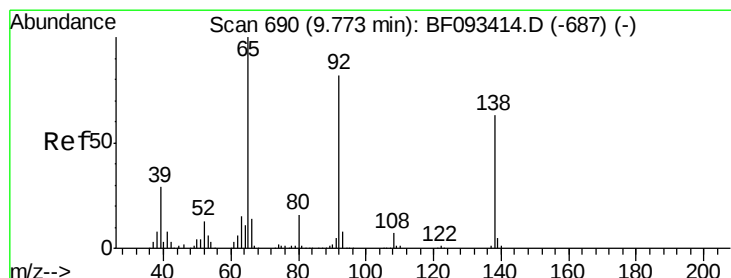
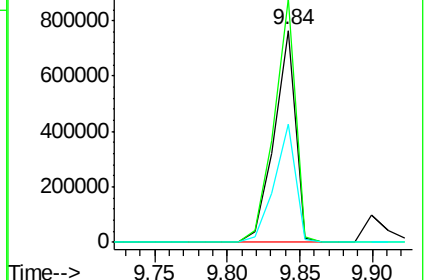
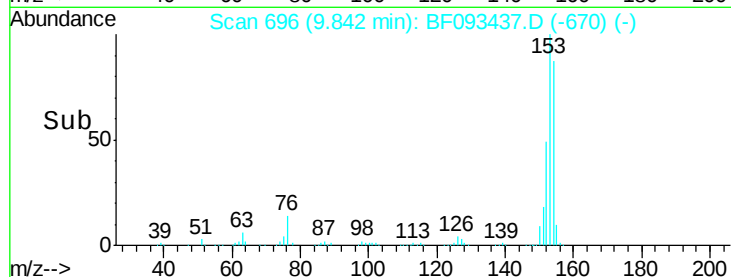
152 55.7 41.6 62.4



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: 21.79 ng

RT: 9.78 min Scan# 691

Delta R.T. 0.01 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

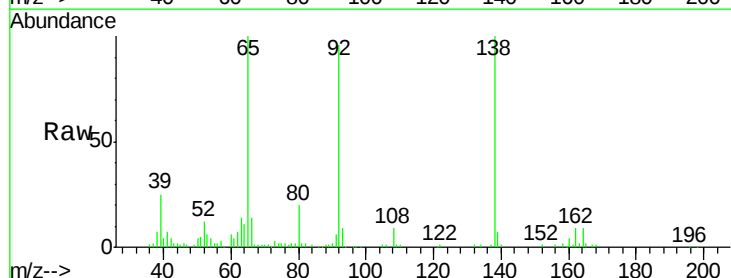
Tgt Ion:138 Resp: 153616

Ion Ratio Lower Upper

138 100

108 9.0 8.5 12.7

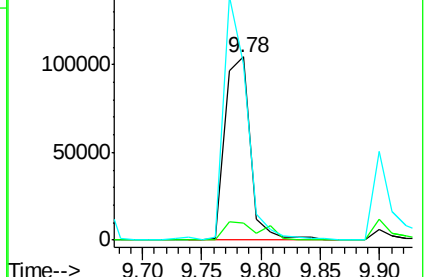
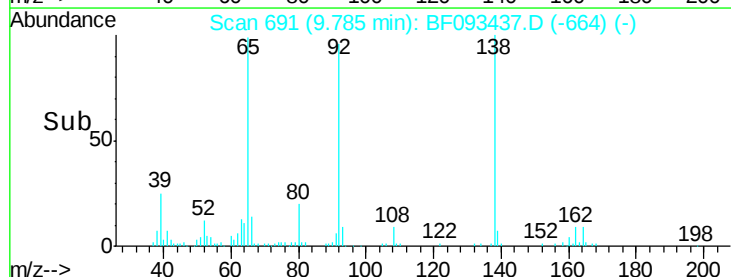
92 96.3 97.8 146.8#

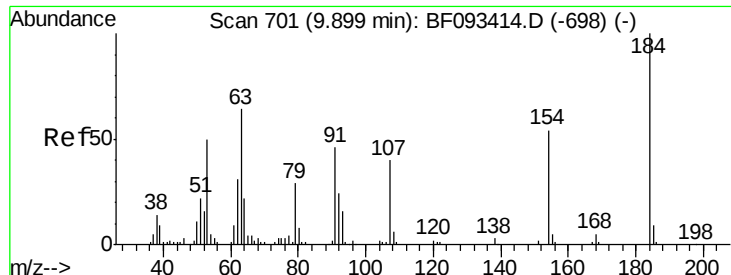


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

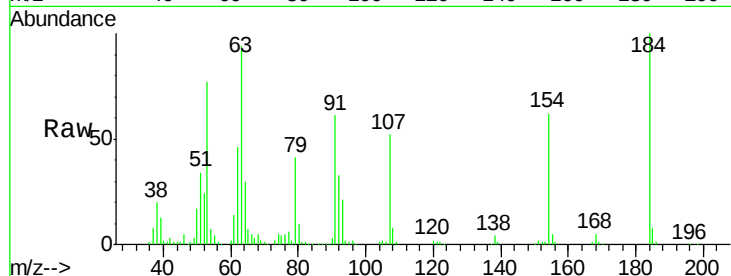




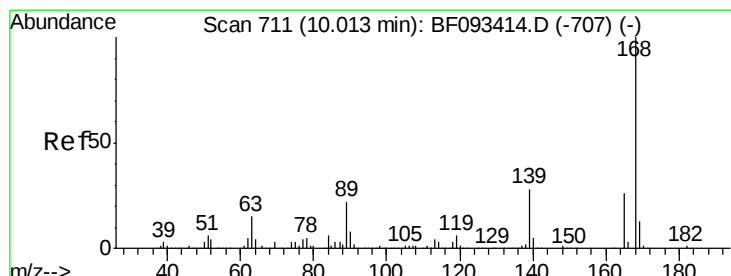
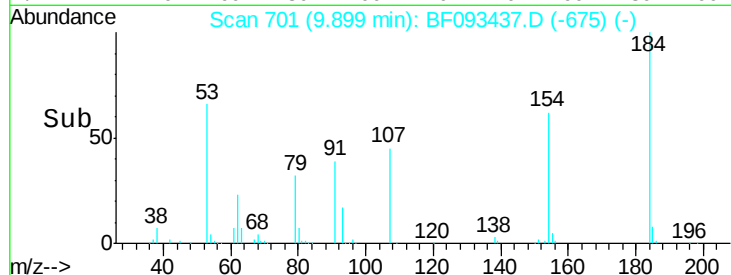
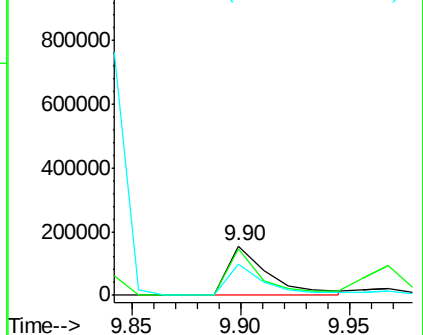
#53
2,4-Dinitrophenol
Concen: 75.87 ng
RT: 9.90 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF093437.D
Acq: 8 Mar 2017 19:18

Instrument :
BNA_F
ClientSampleId :
PB97449BS

Tgt Ion:184 Resp: 202718
Ion Ratio Lower Upper
184 100
63 94.1 28.4 42.6#
154 62.5 44.3 66.5

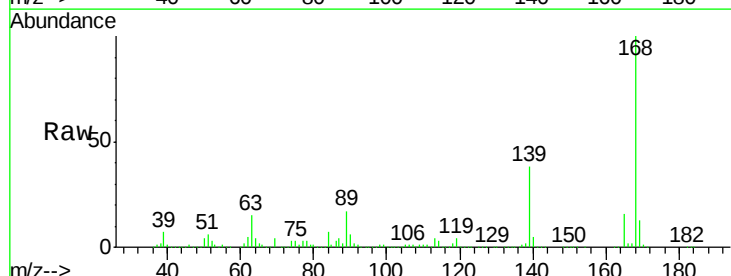


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

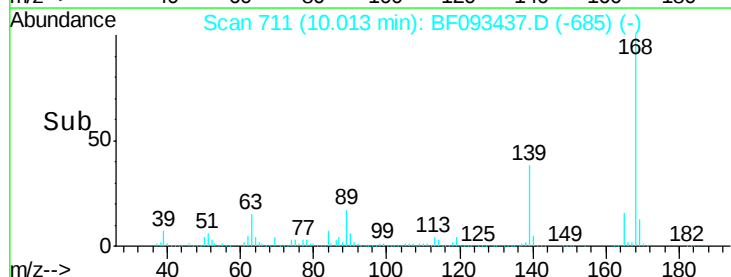
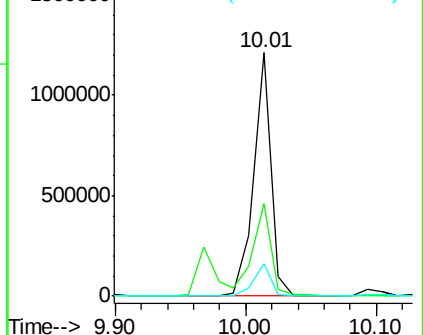


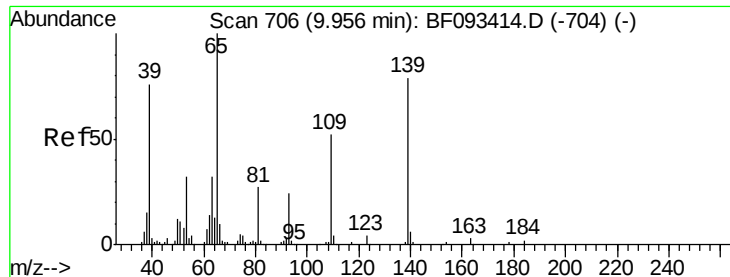
#54
Dibenzofuran
Concen: 40.68 ng
RT: 10.01 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF093437.D
Acq: 8 Mar 2017 19:18

Tgt Ion:168 Resp: 1116696
Ion Ratio Lower Upper
168 100
139 37.9 32.6 49.0
169 13.4 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: 73.02 ng

RT: 9.97 min Scan# 707

Delta R.T. 0.01 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

Instrument :

BNA_F

ClientSampleId :

PB97449BS

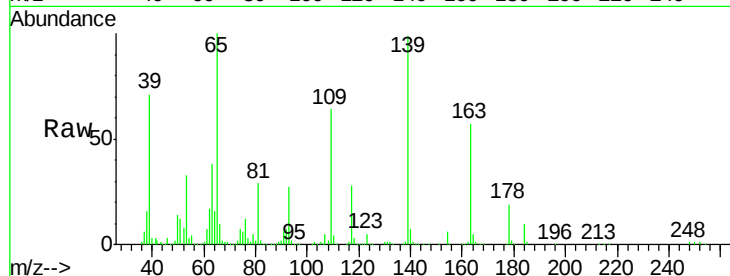
Tgt Ion:139 Resp: 249985

Ion Ratio Lower Upper

139 100

109 64.1 52.2 92.2

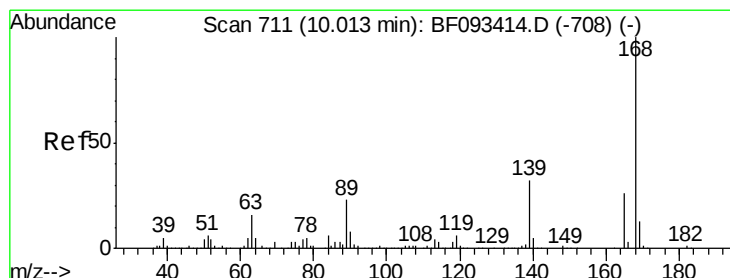
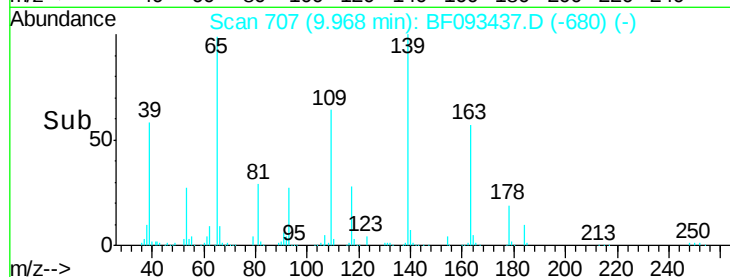
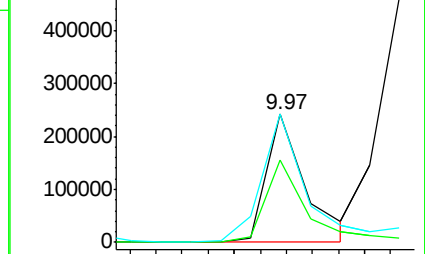
65 100.5 85.8 125.8



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 35.53 ng

RT: 10.01 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

Tgt Ion:165 Resp: 256083

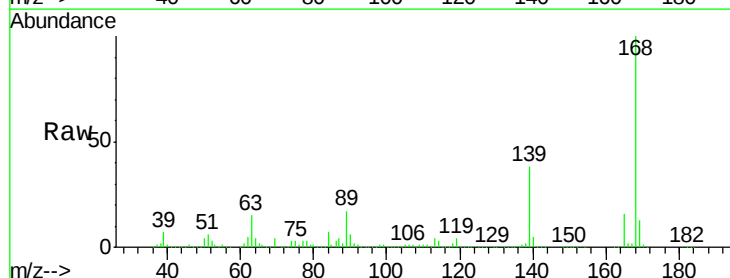
Ion Ratio Lower Upper

165 100

63 96.2 40.2 60.4#

89 109.2 62.5 93.7#

182 2.1 1.8 2.8

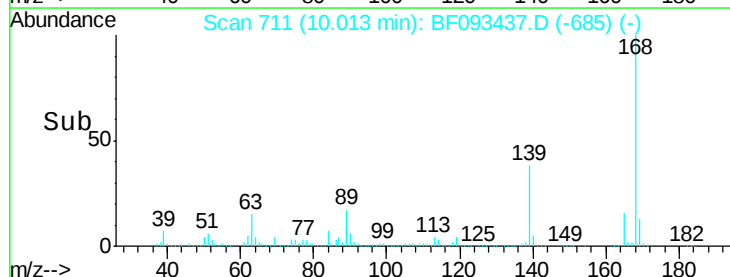
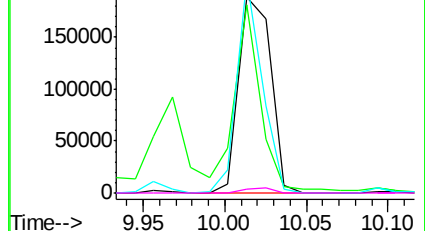


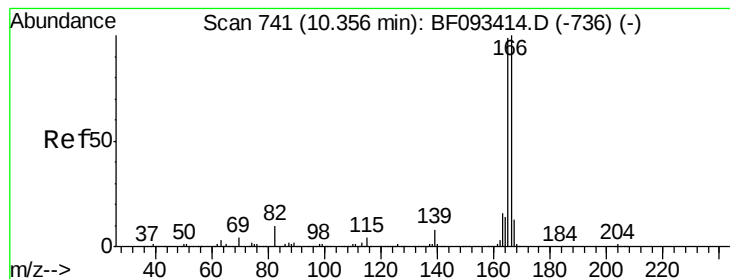
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 38.76 ng

RT: 10.36 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

Instrument :

BNA_F

ClientSampleId :

PB97449BS

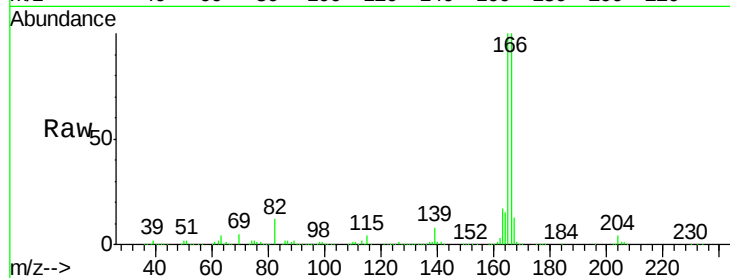
Tgt Ion:166 Resp: 901692

Ion Ratio Lower Upper

166 100

165 99.6 77.8 116.8

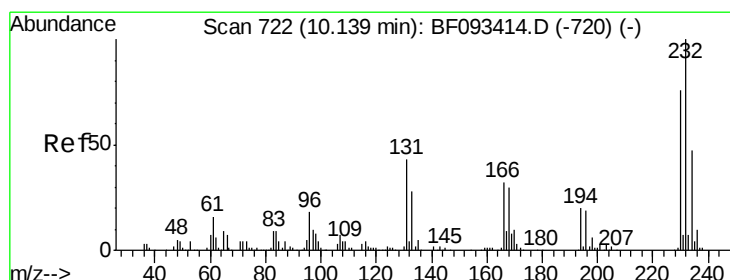
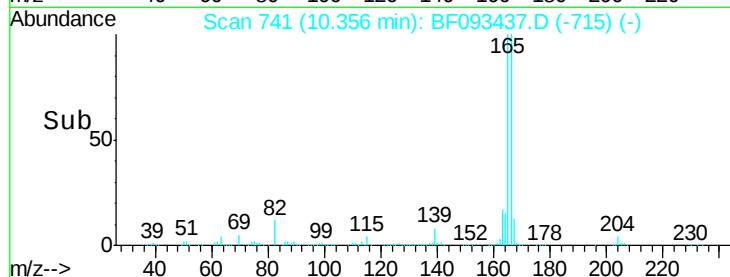
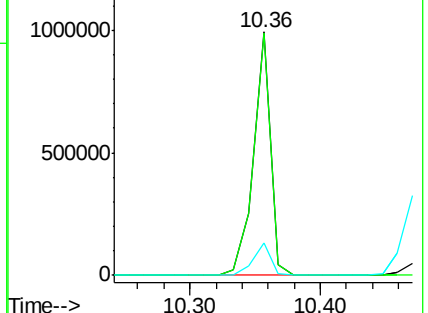
167 13.3 10.8 16.2



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: 38.87 ng

RT: 10.14 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

Tgt Ion:232 Resp: 202530

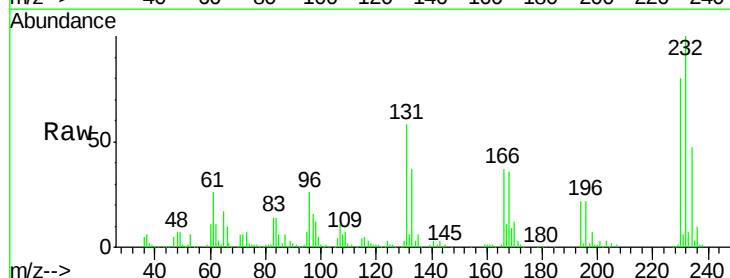
Ion Ratio Lower Upper

232 100

131 52.6 40.1 60.1

130 2.4 1.8 2.8

166 32.8 26.6 39.8

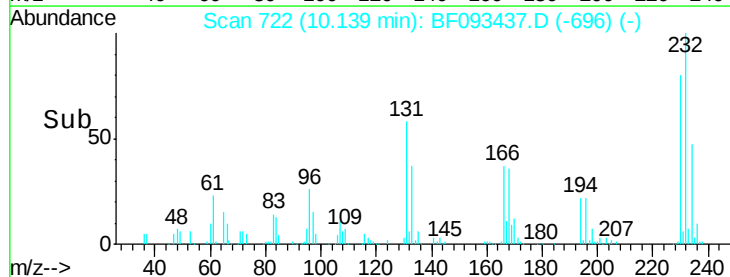
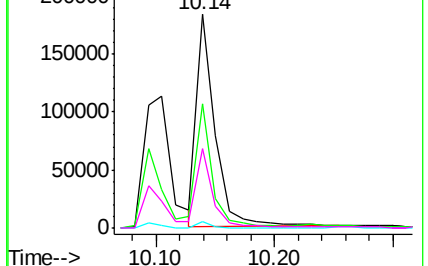


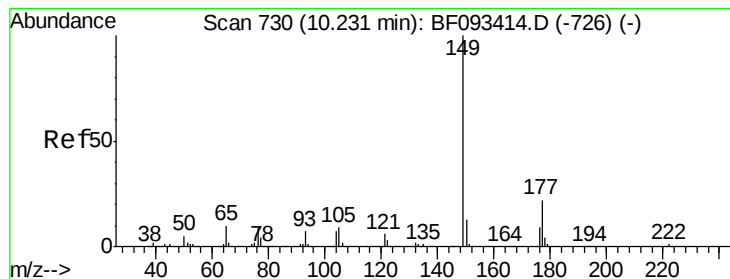
Abundance Ion 232.00 (231.70 to 232.70): E

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: 35.01 ng

RT: 10.23 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

Instrument :

BNA_F

ClientSampleId :

PB97449BS

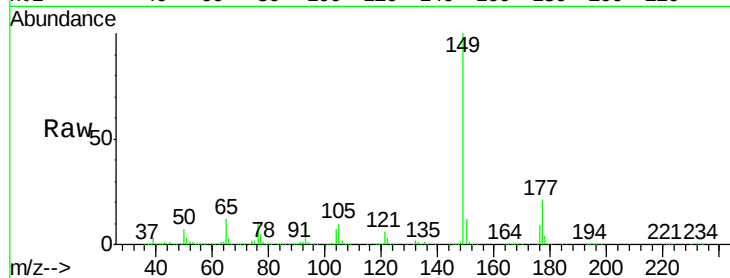
Tgt Ion:149 Resp: 894764

Ion Ratio Lower Upper

149 100

177 21.0 16.6 25.0

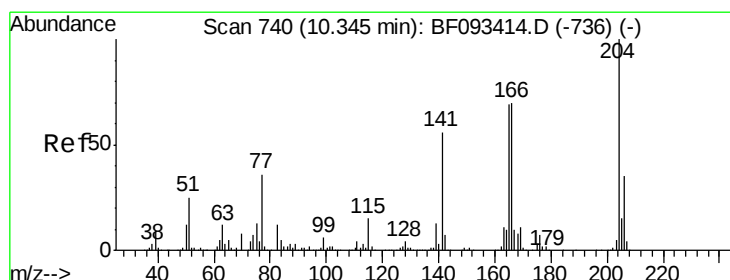
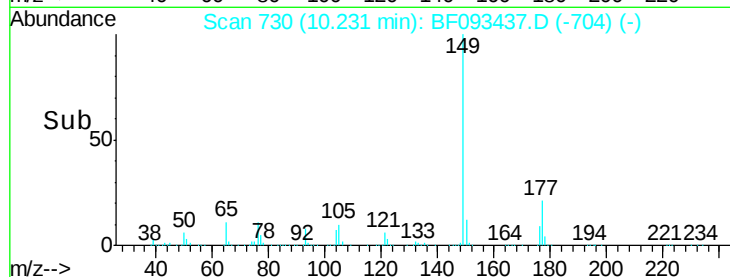
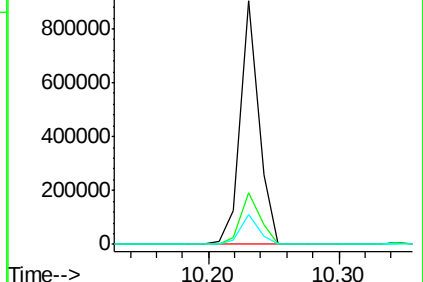
150 12.4 10.4 15.6



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: 37.69 ng

RT: 10.34 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

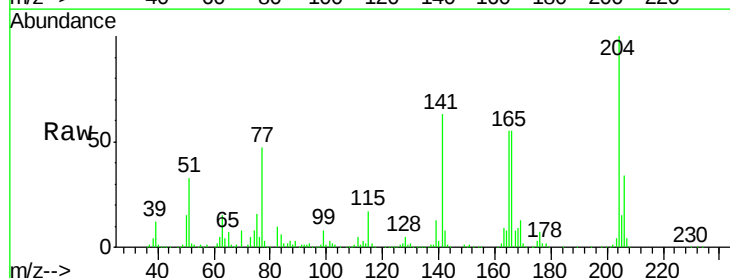
Tgt Ion:204 Resp: 393008

Ion Ratio Lower Upper

204 100

206 34.2 25.8 38.6

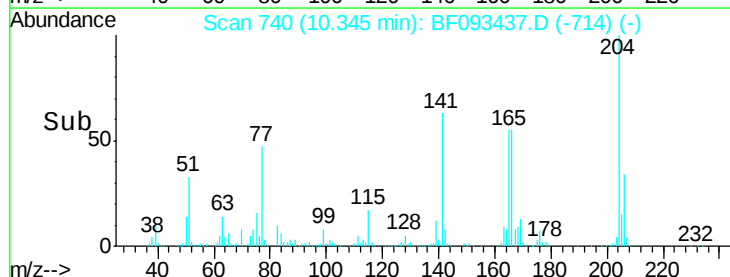
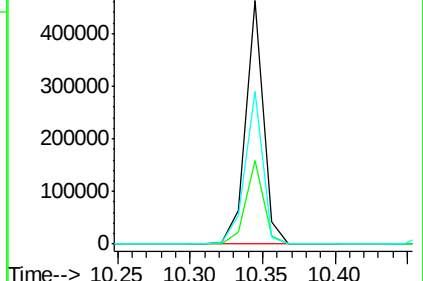
141 62.9 59.4 89.0

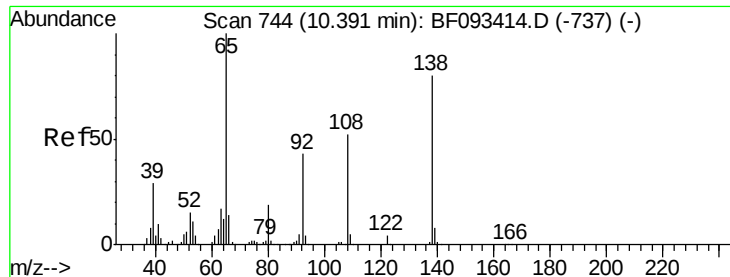


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

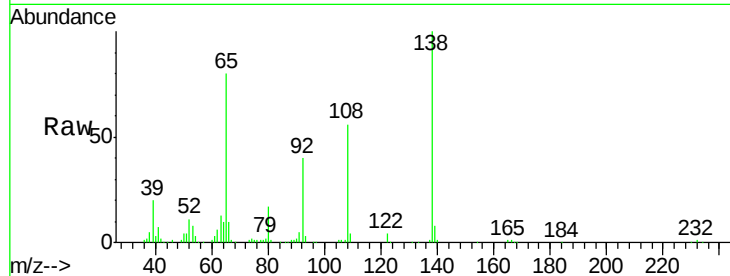




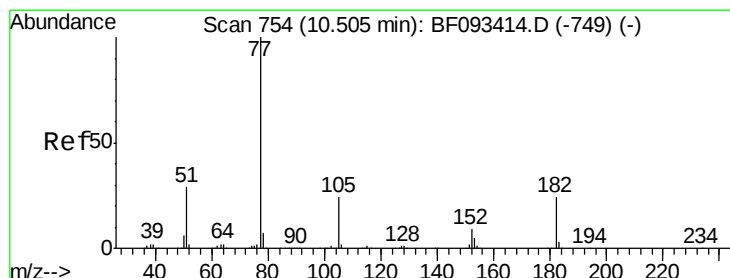
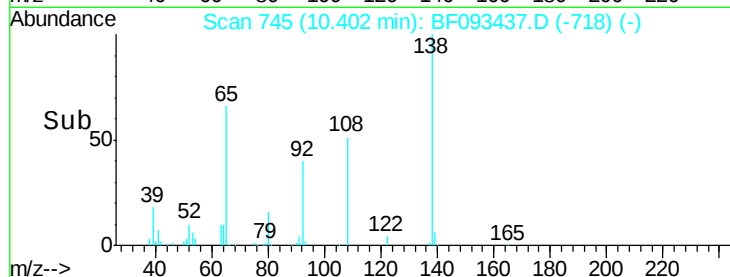
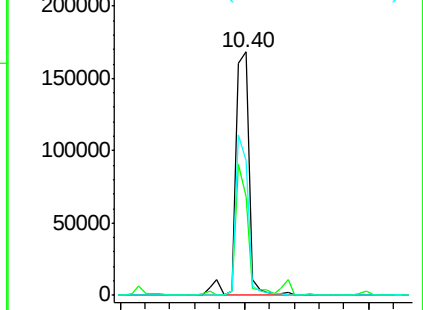
#61
4-Nitroaniline
Concen: 35.51 ng
RT: 10.40 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF093437.D
Acq: 8 Mar 2017 19:18

Instrument :
BNA_F
ClientSampleId :
PB97449BS

Tgt Ion:138 Resp: 255977
Ion Ratio Lower Upper
138 100
92 40.4 31.7 71.7
108 55.5 52.6 92.6

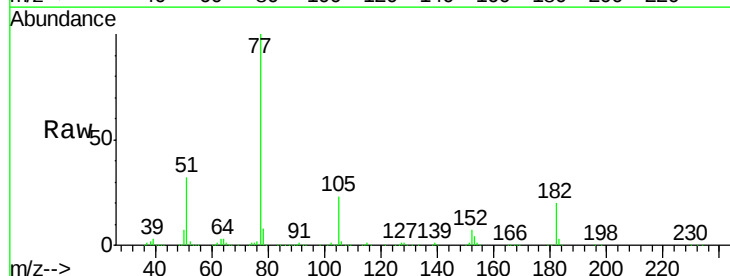


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

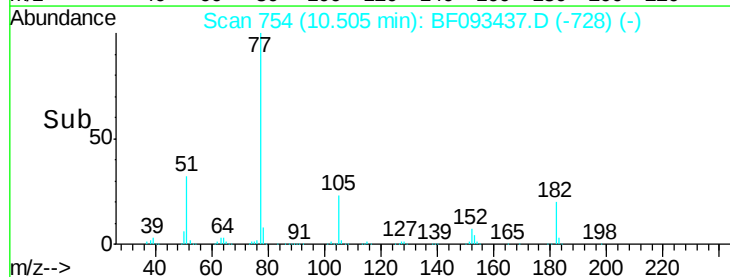
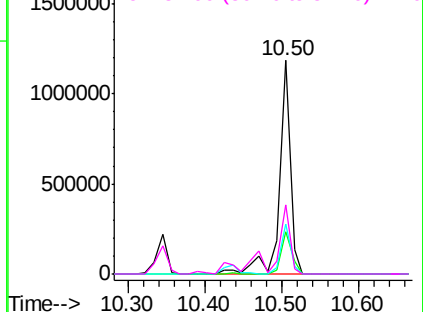


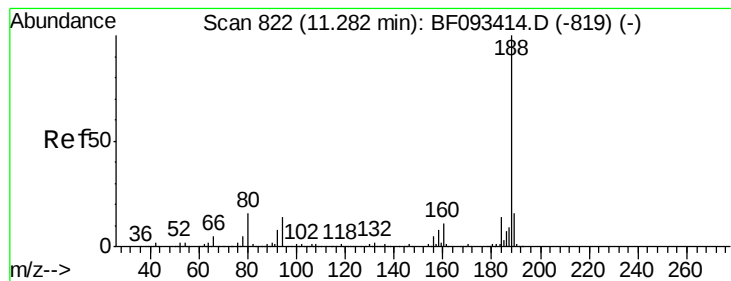
#62
Azobenzene
Concen: 40.51 ng
RT: 10.50 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF093437.D
Acq: 8 Mar 2017 19:18

Tgt Ion: 77 Resp: 1176432
Ion Ratio Lower Upper
77 100
182 20.1 0.0 39.3
105 23.3 2.3 42.3
51 32.2 8.9 48.9



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: 11.29 min Scan# 823

Delta R.T. 0.01 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

Instrument :

BNA_F

ClientSampleId :

PB97449BS

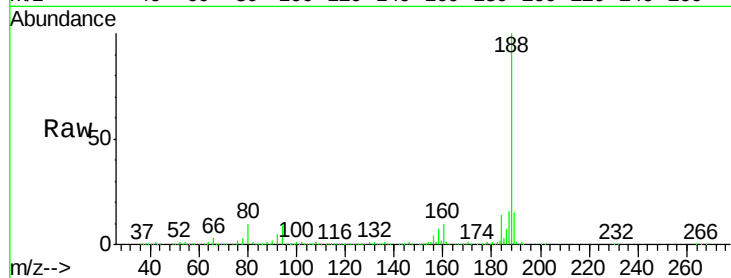
Tgt Ion:188 Resp: 714495

Ion Ratio Lower Upper

188 100

94 9.4 10.0 15.0#

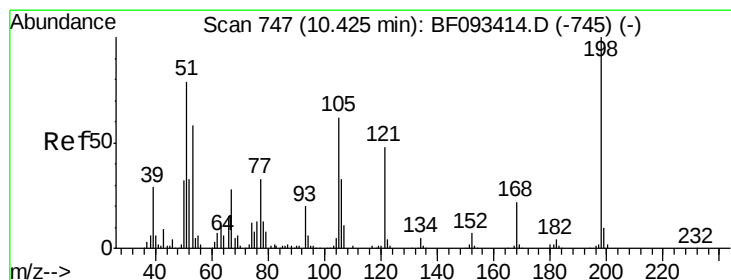
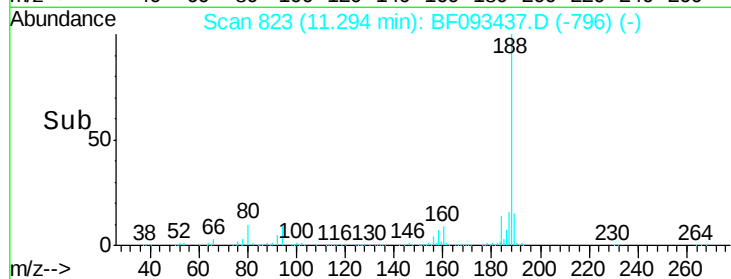
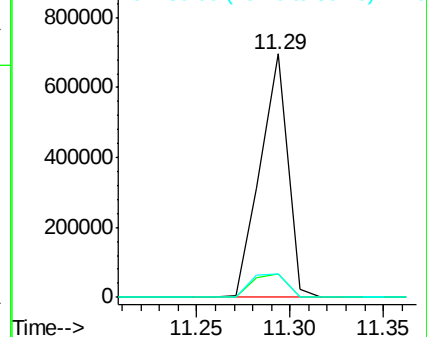
80 9.6 11.2 16.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 32.83 ng

RT: 10.44 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

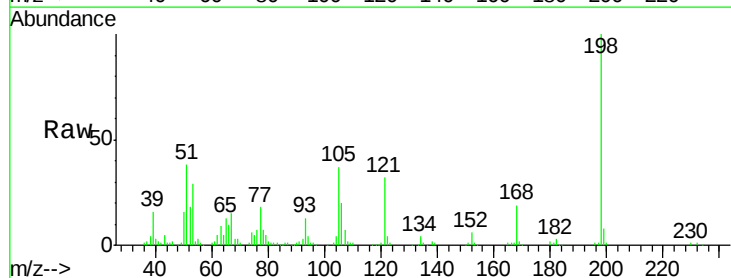
Tgt Ion:198 Resp: 151963

Ion Ratio Lower Upper

198 100

51 38.5 6.7 46.7

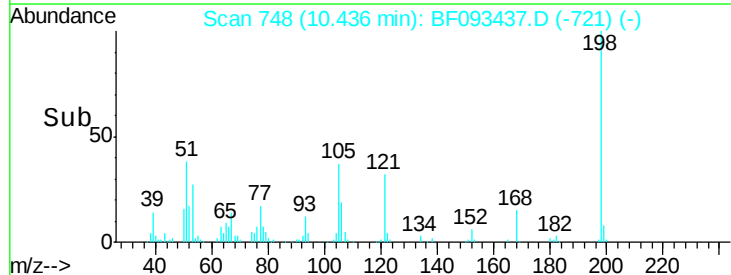
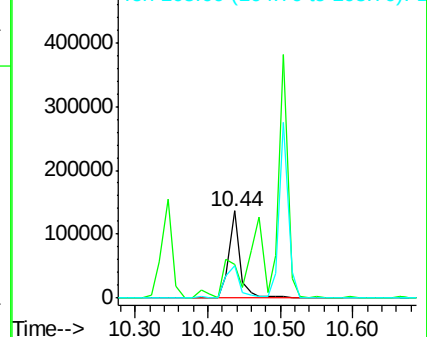
105 36.7 16.6 56.6

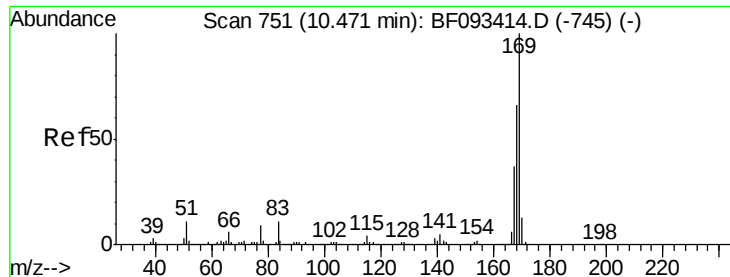


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 33.54 ng

RT: 10.47 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

Instrument :

BNA_F

ClientSampleId :

PB97449BS

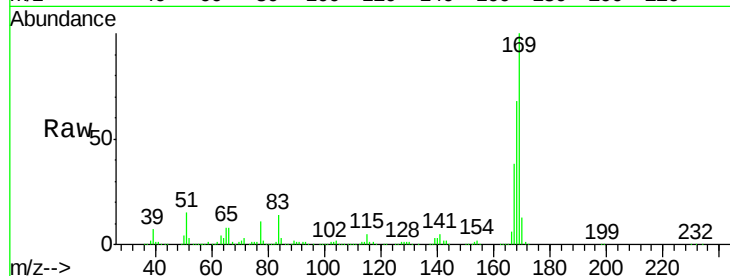
Tgt Ion:169 Resp: 800215

Ion Ratio Lower Upper

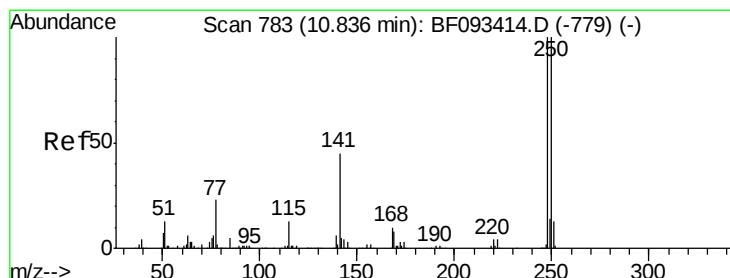
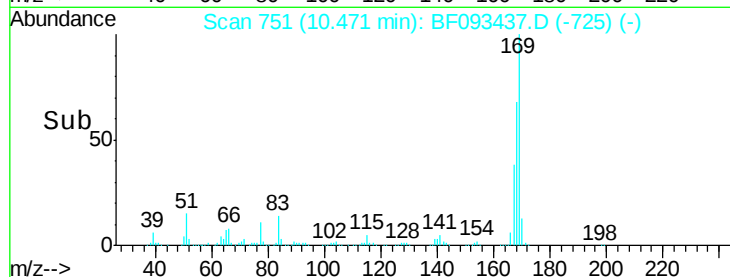
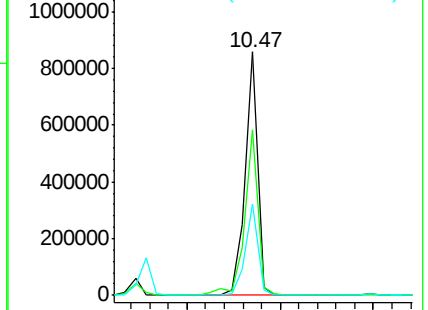
169 100

168 68.1 54.2 81.2

167 37.7 30.2 45.4



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: 32.08 ng

RT: 10.84 min Scan# 783

Delta R.T. -0.00 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

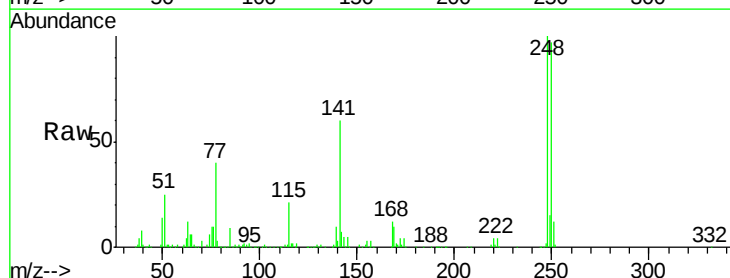
Tgt Ion:248 Resp: 242411

Ion Ratio Lower Upper

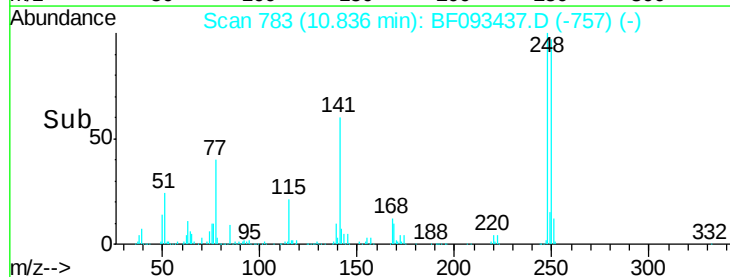
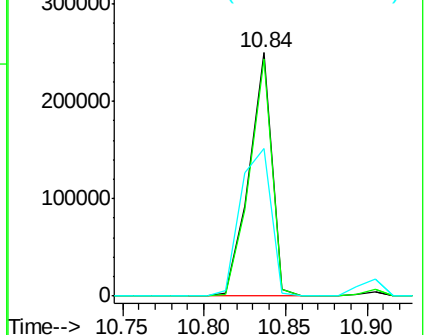
248 100

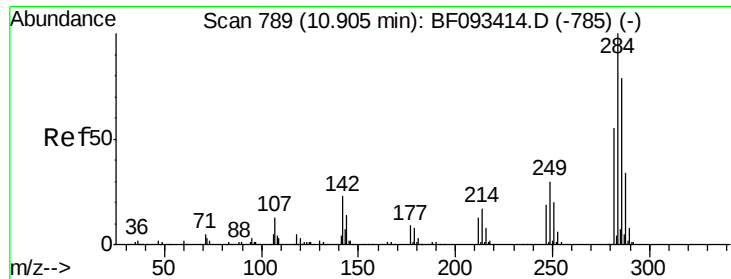
250 97.3 76.9 115.3

141 60.4 68.2 102.4#



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

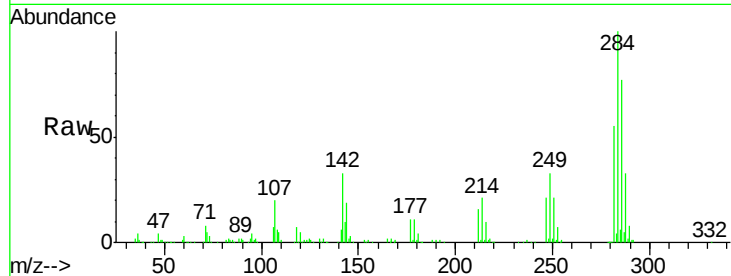




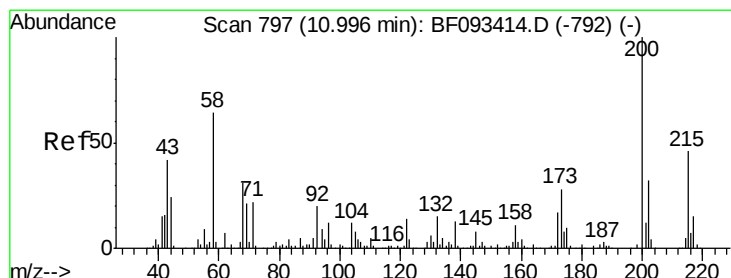
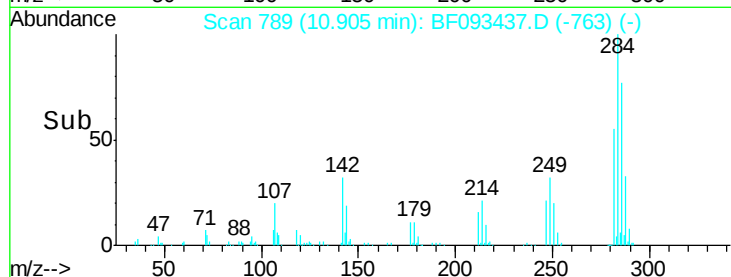
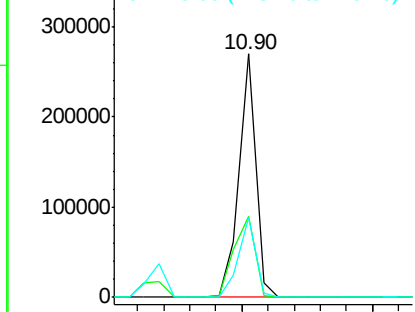
#67
Hexachlorobenzene
Concen: 33.37 ng
RT: 10.90 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF093437.D
Acq: 8 Mar 2017 19:18

Instrument :
BNA_F
ClientSampleId :
PB97449BS

Tgt Ion:284 Resp: 240727
Ion Ratio Lower Upper
284 100
142 33.5 22.6 33.8
249 33.0 25.4 38.0

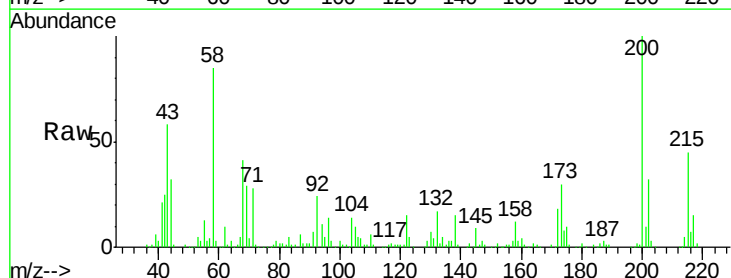


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

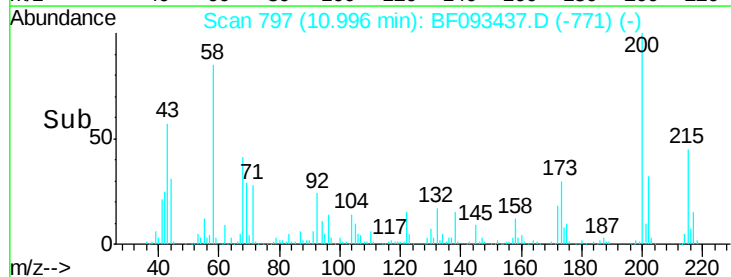
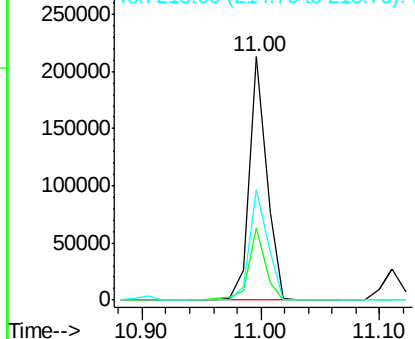


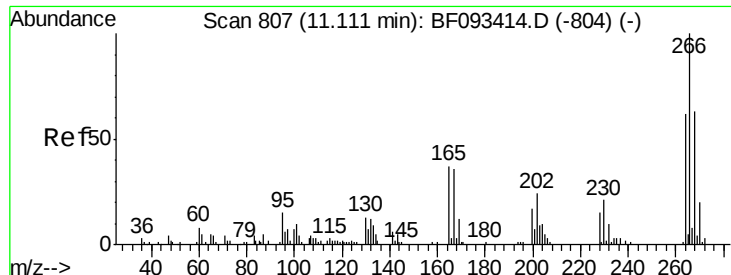
#68
Atrazine
Concen: 31.39 ng
RT: 11.00 min Scan# 797
Delta R.T. -0.00 min
Lab File: BF093437.D
Acq: 8 Mar 2017 19:18

Tgt Ion:200 Resp: 219198
Ion Ratio Lower Upper
200 100
173 29.6 9.6 49.6
215 45.3 25.7 65.7



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

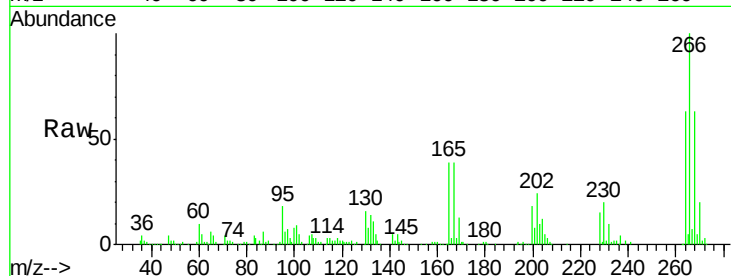




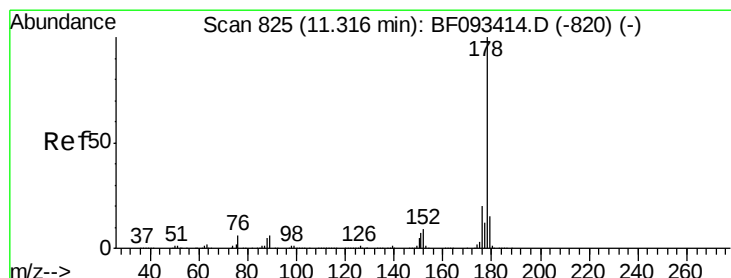
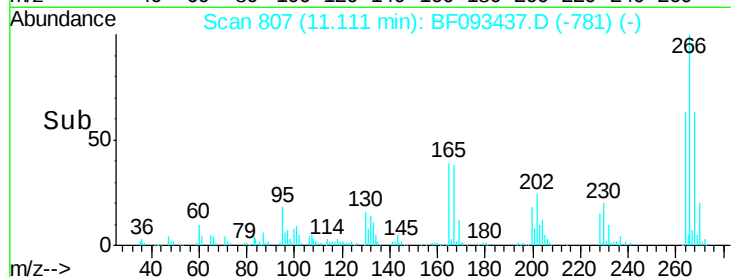
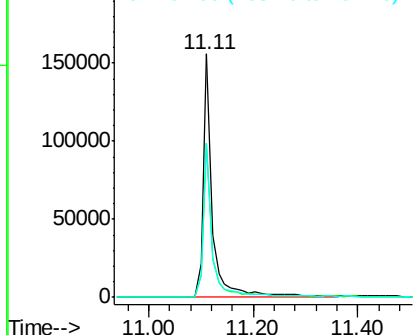
#69
 Pentachlorophenol
 Concen: 77.89 ng
 RT: 11.11 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF093437.D
 Acq: 8 Mar 2017 19:18

Instrument :
 BNA_F
 ClientSampleId :
 PB97449BS

Tgt Ion:266 Resp: 194014
 Ion Ratio Lower Upper
 266 100
 268 63.3 53.3 79.9
 264 63.1 50.3 75.5

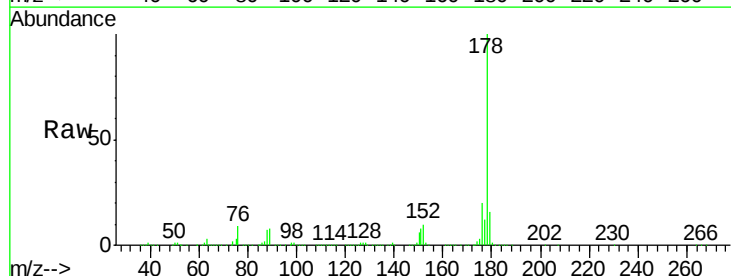


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

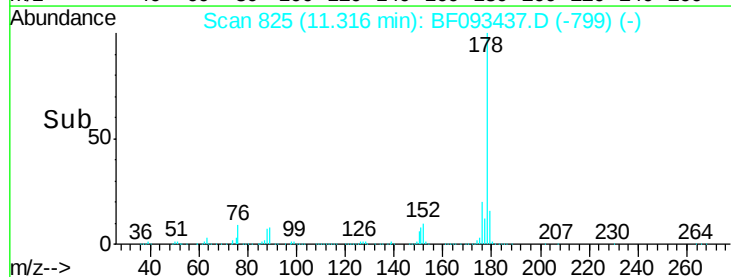
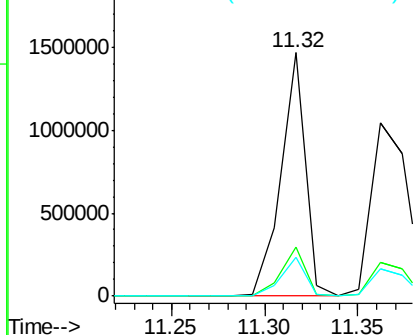


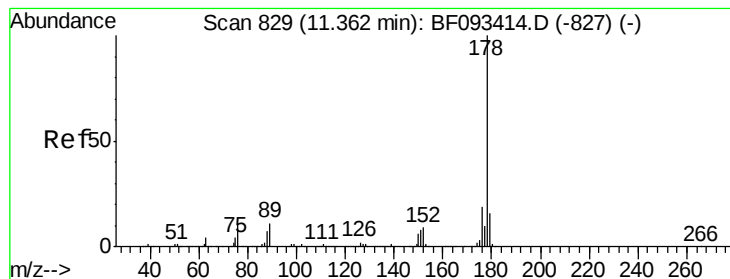
#70
 Phenanthrene
 Concen: 32.91 ng
 RT: 11.32 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BF093437.D
 Acq: 8 Mar 2017 19:18

Tgt Ion:178 Resp: 1342049
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.6 25.0
 179 15.7 12.8 19.2



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





#71

Anthracene

Concen: 33.03 ng

RT: 11.36 min Scan# 829

Delta R.T. -0.00 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

Instrument :

BNA_F

ClientSampleId :

PB97449BS

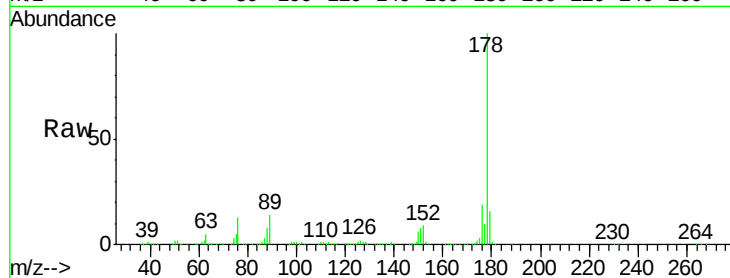
Tgt Ion:178 Resp: 1362694

Ion Ratio Lower Upper

178 100

176 19.5 15.9 23.9

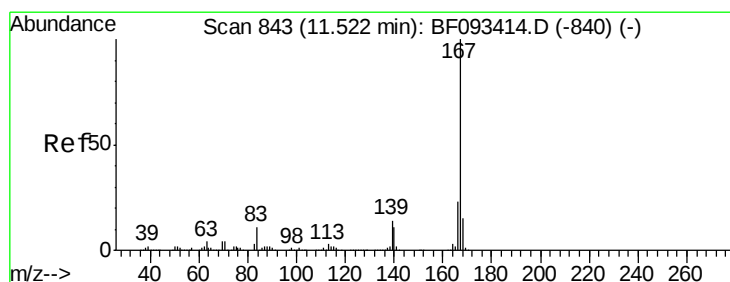
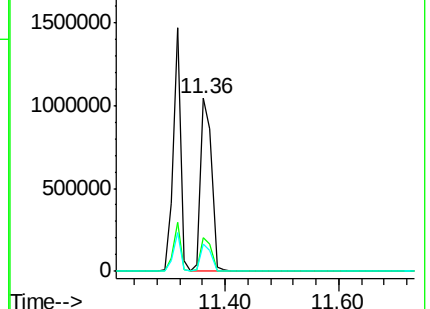
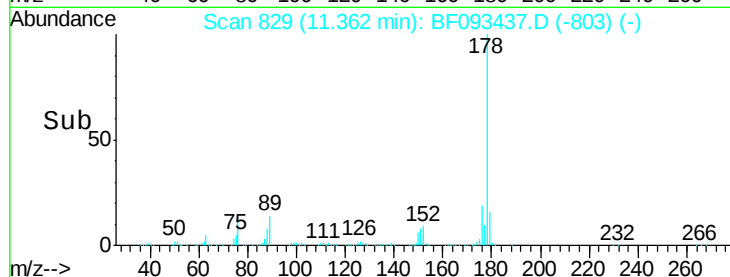
179 16.0 13.2 19.8



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: 32.30 ng

RT: 11.53 min Scan# 844

Delta R.T. 0.01 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

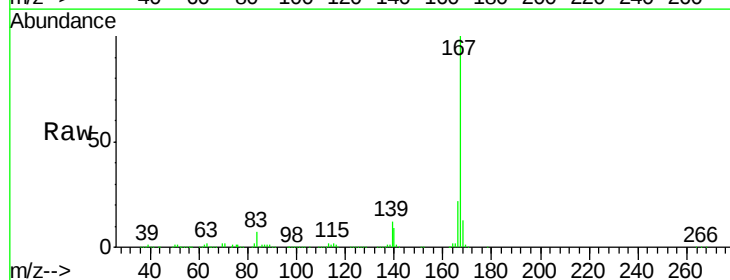
Tgt Ion:167 Resp: 1251997

Ion Ratio Lower Upper

167 100

166 22.2 18.2 27.2

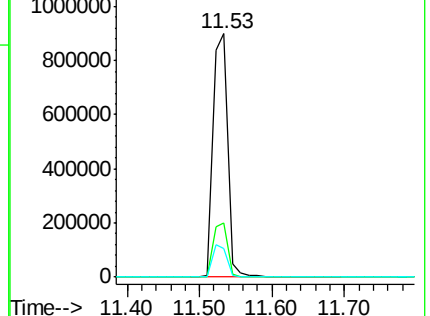
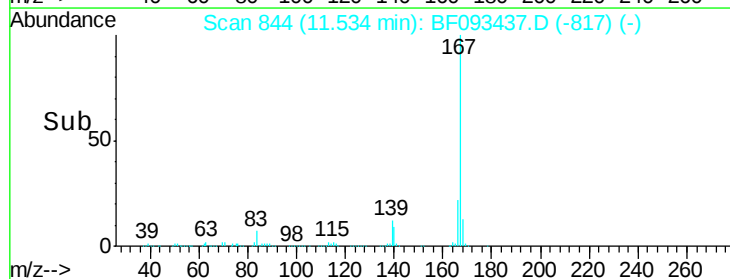
139 11.7 11.4 17.2

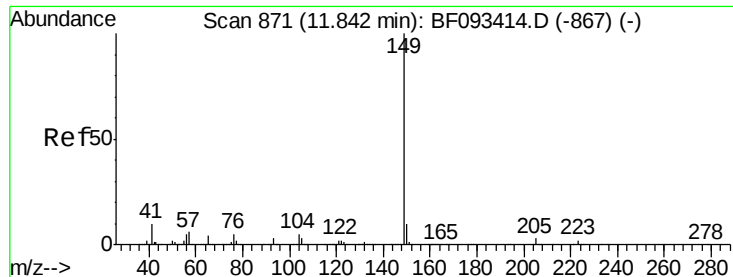


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 35.56 ng

RT: 11.85 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

Instrument :

BNA_F

ClientSampleId :

PB97449BS

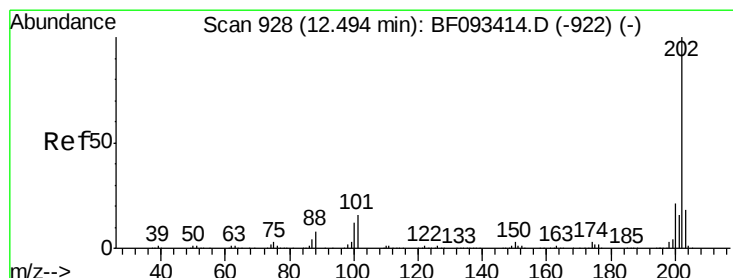
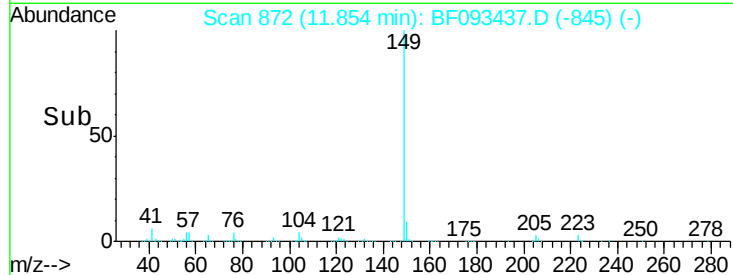
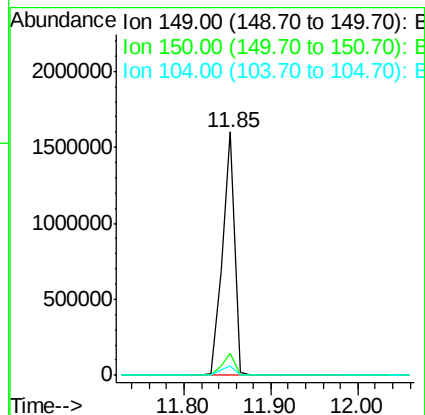
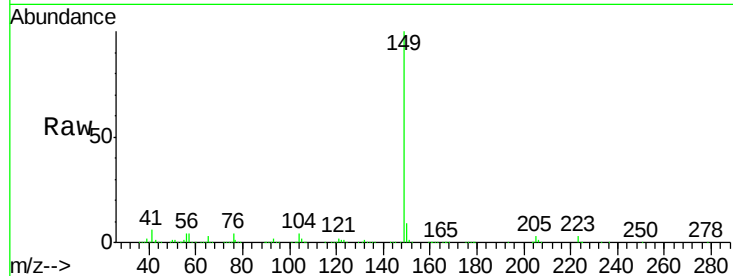
Tgt Ion:149 Resp: 1594401

Ion Ratio Lower Upper

149 100

150 9.2 8.1 12.1

104 4.0 4.6 7.0#



#74

Fluoranthene

Concen: 34.86 ng

RT: 12.51 min Scan# 929

Delta R.T. 0.01 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

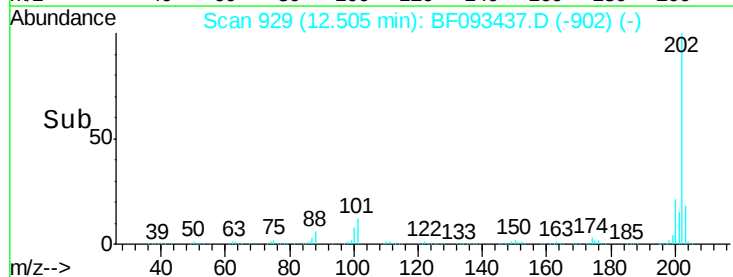
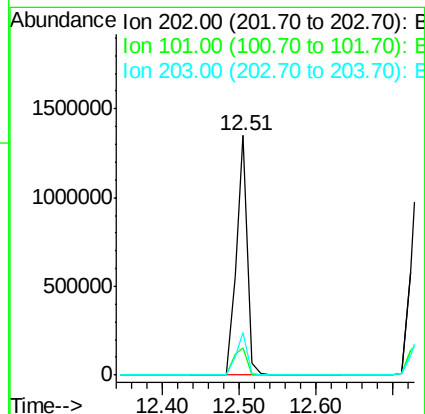
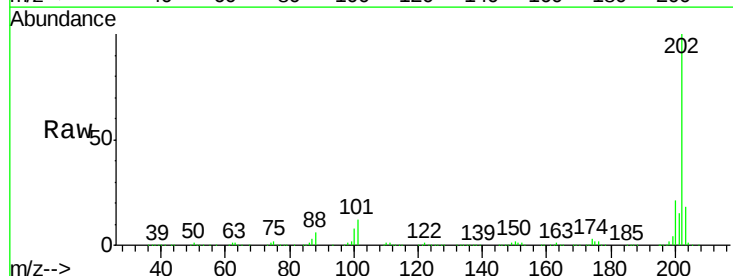
Tgt Ion:202 Resp: 1373091

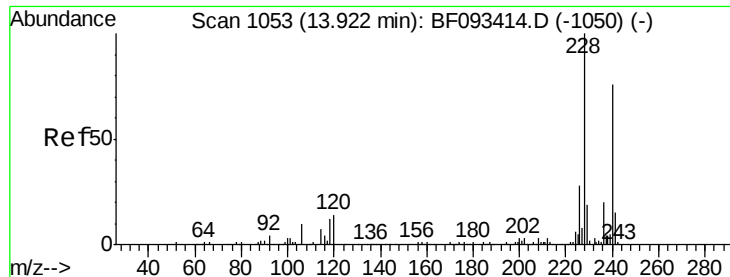
Ion Ratio Lower Upper

202 100

101 11.5 0.0 34.6

203 17.7 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1054

Delta R.T. 0.01 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

Instrument :

BNA_F

ClientSampleId :

PB97449BS

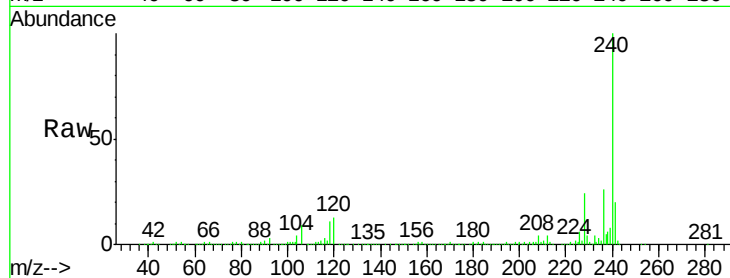
Tgt Ion:240 Resp: 640421

Ion Ratio Lower Upper

240 100

120 12.7 12.9 19.3#

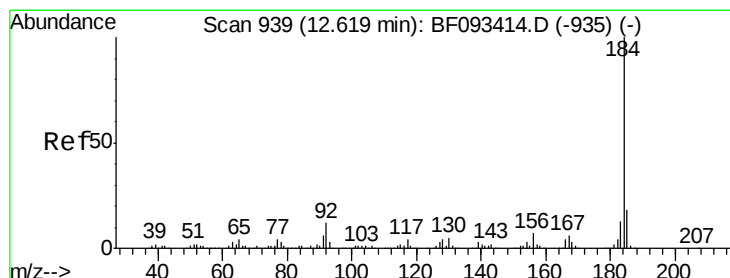
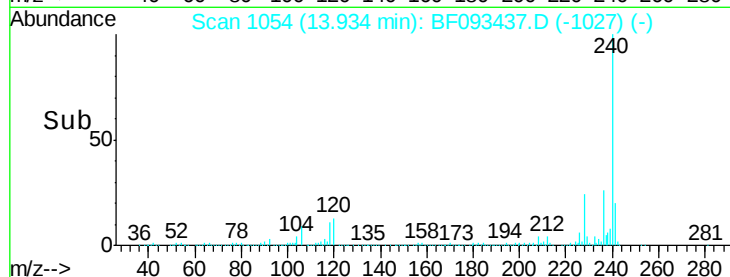
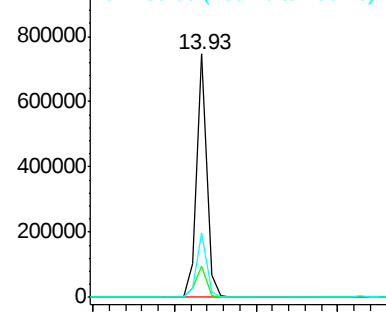
236 26.2 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 24.72 ng

RT: 12.63 min Scan# 940

Delta R.T. 0.01 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

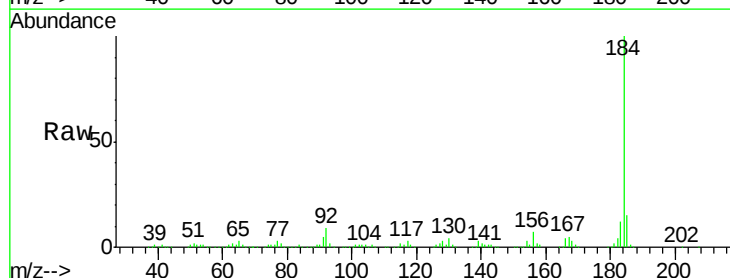
Tgt Ion:184 Resp: 520521

Ion Ratio Lower Upper

184 100

185 14.6 13.4 20.0

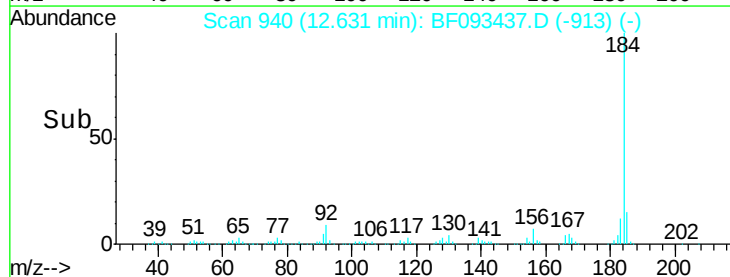
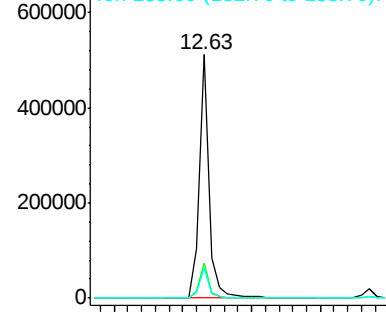
183 12.2 9.2 13.8

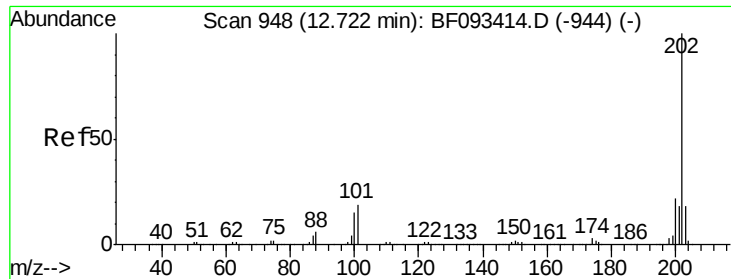


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

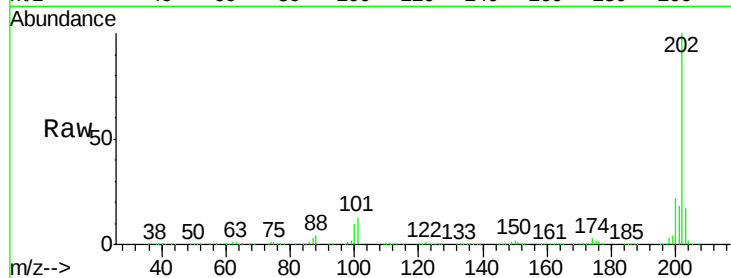




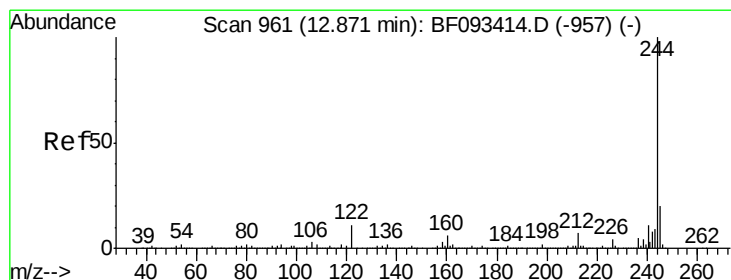
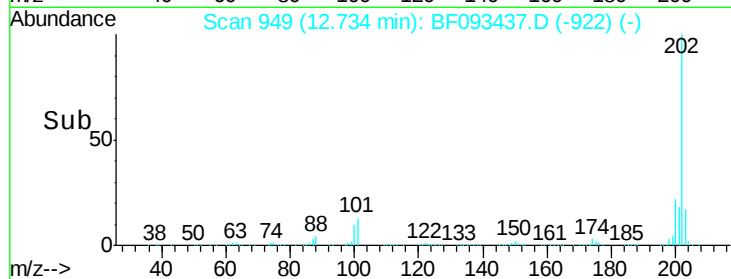
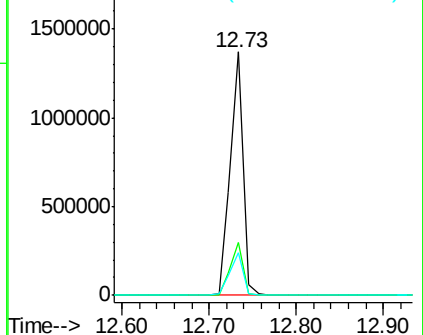
#77
 Pyrene
 Concen: 30.00 ng
 RT: 12.73 min Scan# 949
 Delta R.T. 0.01 min
 Lab File: BF093437.D
 Acq: 8 Mar 2017 19:18

Instrument :
 BNA_F
 ClientSampleId :
 PB97449BS

Tgt Ion:202 Resp: 1397359
 Ion Ratio Lower Upper
 202 100
 200 21.8 17.7 26.5
 203 17.5 14.7 22.1

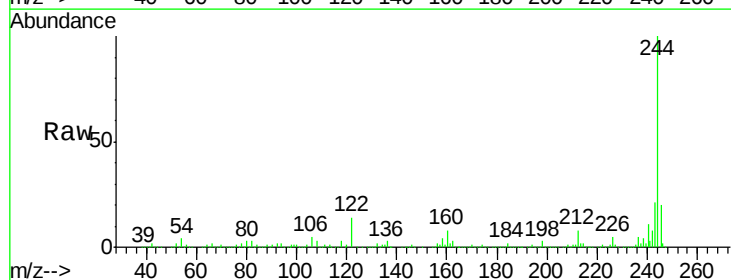


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

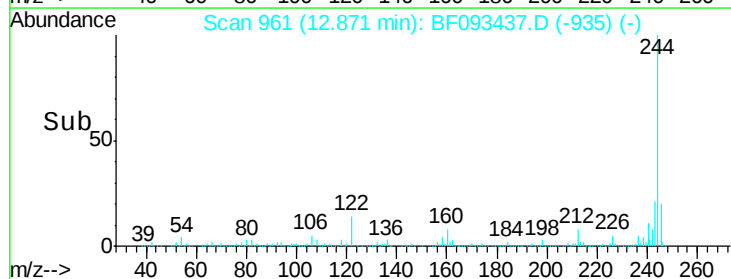
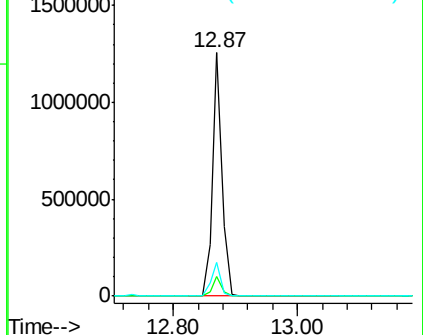


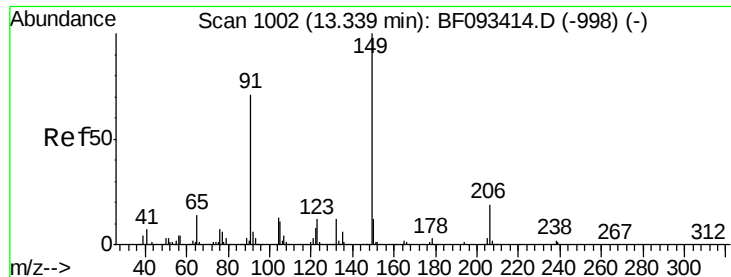
#78
 Terphenyl-d14
 Concen: 53.09 ng
 RT: 12.87 min Scan# 961
 Delta R.T. -0.00 min
 Lab File: BF093437.D
 Acq: 8 Mar 2017 19:18

Tgt Ion:244 Resp: 1307761
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 14.0 11.4 17.2



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: 34.43 ng

RT: 13.35 min Scan# 1003

Delta R.T. 0.01 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

Instrument :

BNA_F

ClientSampleId :

PB97449BS

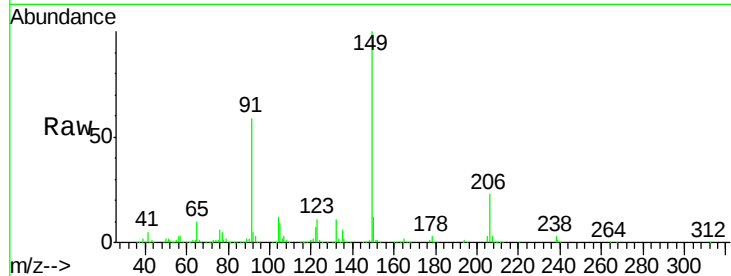
Tgt Ion:149 Resp: 675164

Ion Ratio Lower Upper

149 100

91 58.6 63.9 95.9#

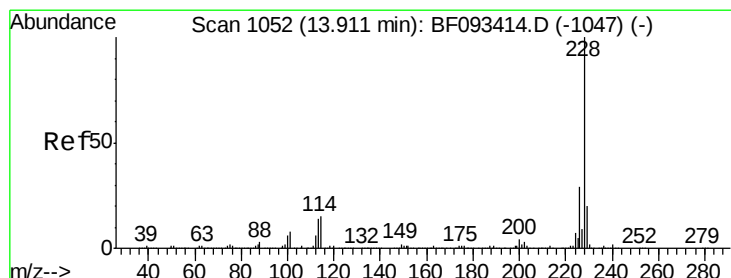
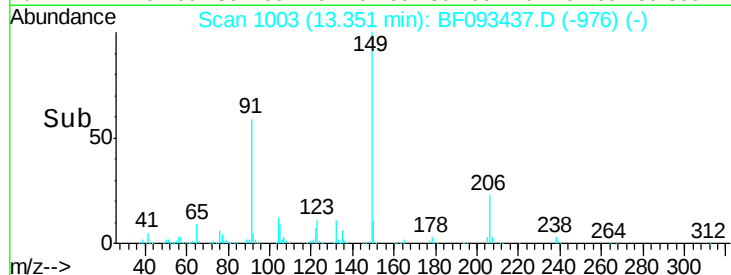
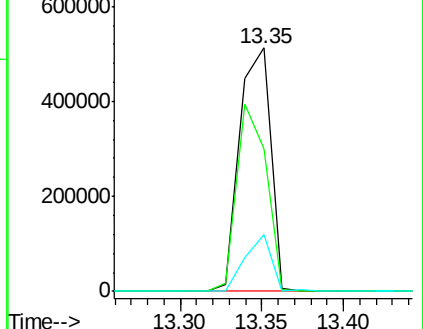
206 23.3 14.6 21.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 30.40 ng

RT: 13.92 min Scan# 1053

Delta R.T. 0.01 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

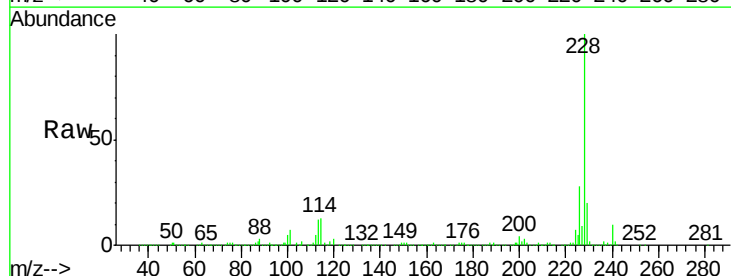
Tgt Ion:228 Resp: 1149761

Ion Ratio Lower Upper

228 100

226 28.1 22.4 33.6

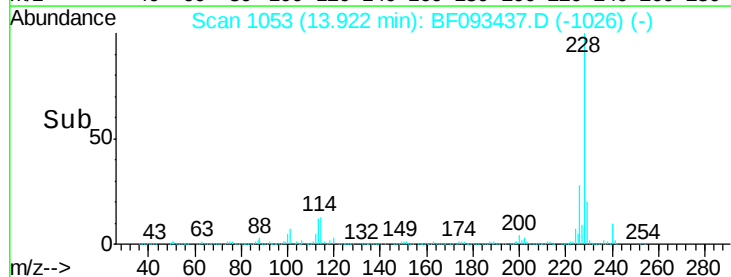
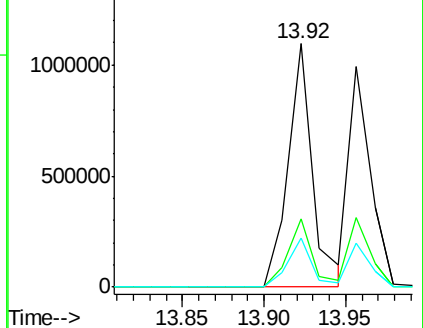
229 20.1 16.2 24.4

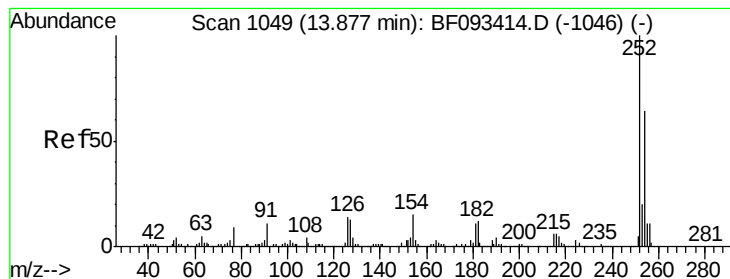


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

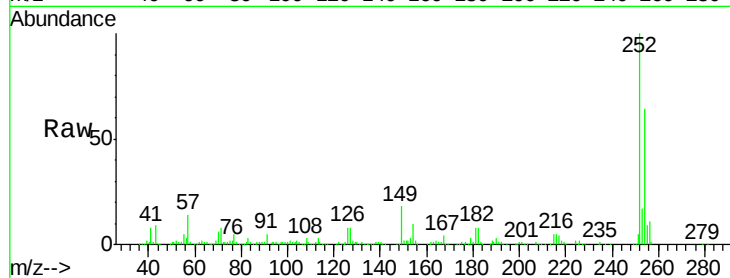




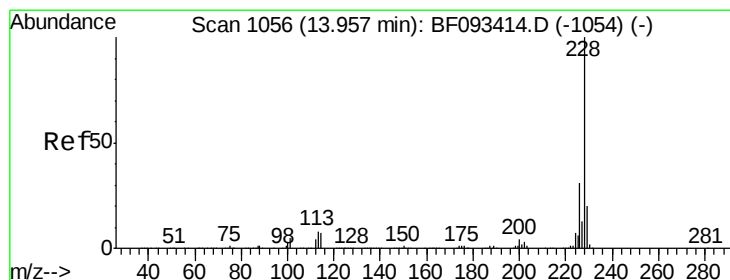
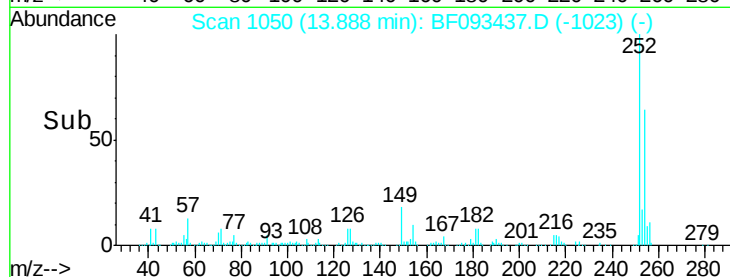
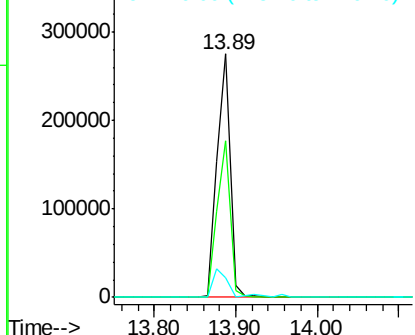
#81
 3,3'-Dichlorobenzidine
 Concen: 23.42 ng
 RT: 13.89 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: BF093437.D
 Acq: 8 Mar 2017 19:18

Instrument :
 BNA_F
 ClientSampleId :
 PB97449BS

Tgt Ion:252 Resp: 310201
 Ion Ratio Lower Upper
 252 100
 254 64.2 52.3 78.5
 126 8.3 13.6 20.4#

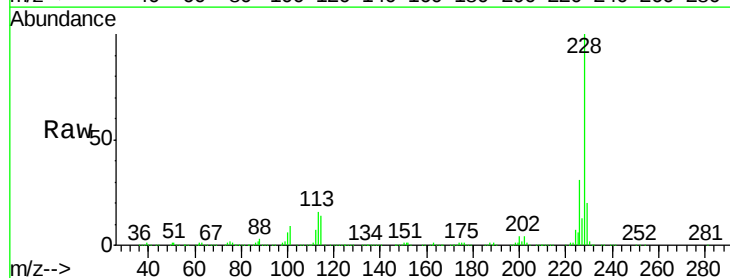


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

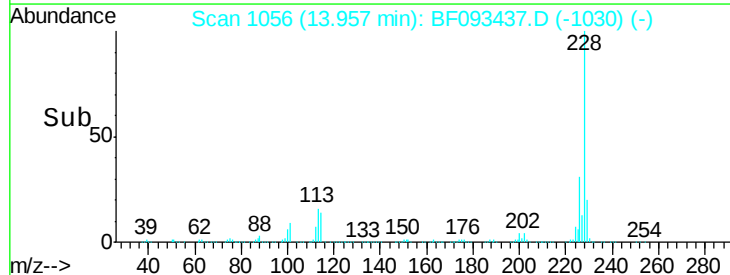
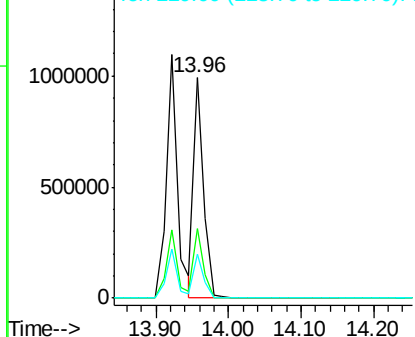


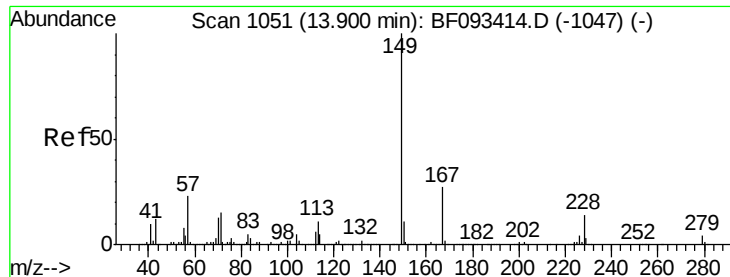
#82
 Chrysene
 Concen: 27.17 ng
 RT: 13.96 min Scan# 1056
 Delta R.T. -0.00 min
 Lab File: BF093437.D
 Acq: 8 Mar 2017 19:18

Tgt Ion:228 Resp: 950875
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.4 38.0
 229 20.1 16.2 24.2



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

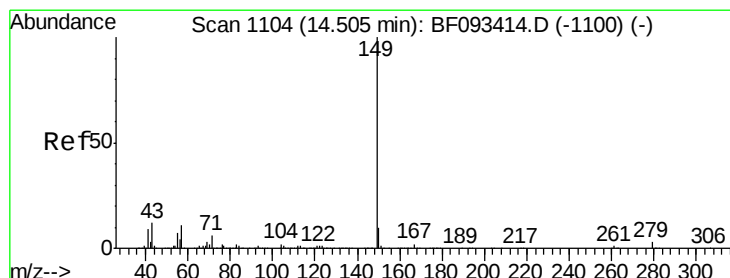
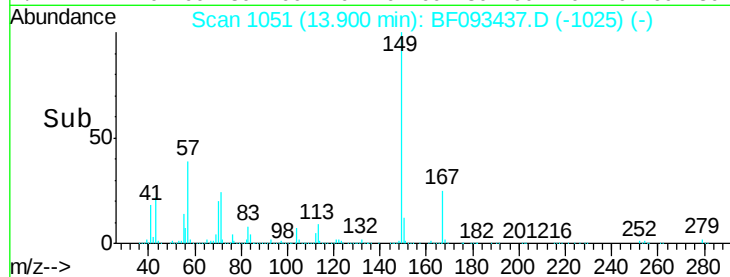
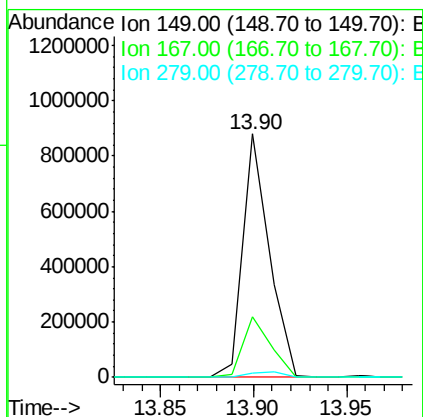
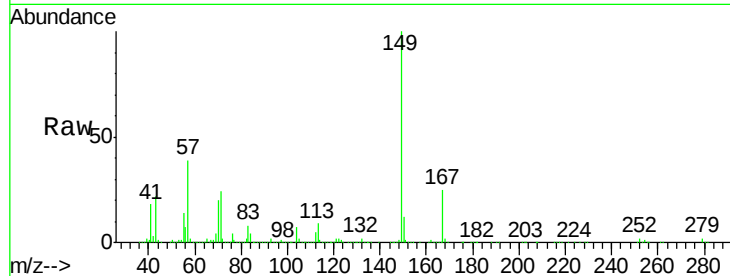




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 32.01 ng
 RT: 13.90 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: BF093437.D
 Acq: 8 Mar 2017 19:18

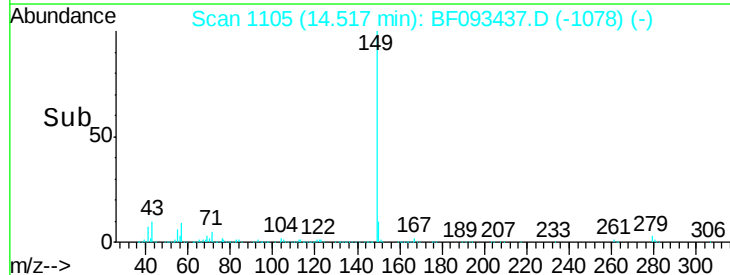
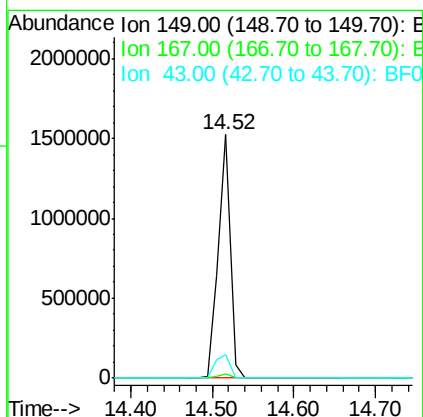
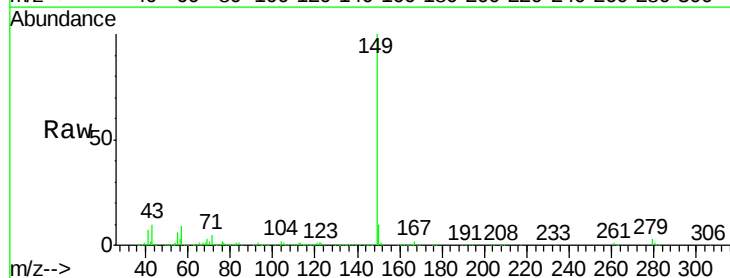
Instrument :
 BNA_F
 ClientSampleId :
 PB97449BS

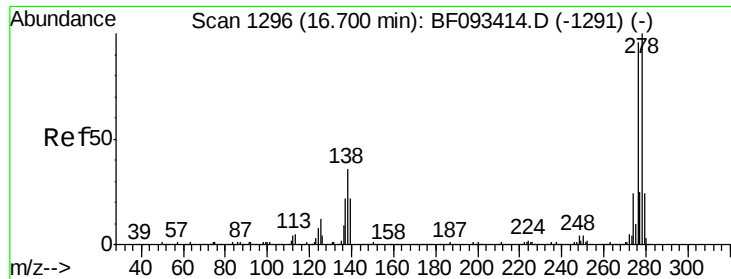
Tgt Ion:149 Resp: 874768
 Ion Ratio Lower Upper
 149 100
 167 25.0 20.2 30.4
 279 2.0 1.8 2.8



#84
 Di-n-octyl phthalate
 Concen: 34.27 ng
 RT: 14.52 min Scan# 1105
 Delta R.T. 0.01 min
 Lab File: BF093437.D
 Acq: 8 Mar 2017 19:18

Tgt Ion:149 Resp: 1560851
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 12.0 8.9 13.3





#85

Indeno(1,2,3-cd)pyrene

Concen: 28.45 ng

RT: 16.72 min Scan# 1298

Delta R.T. 0.02 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

Instrument :

BNA_F

ClientSampleId :

PB97449BS

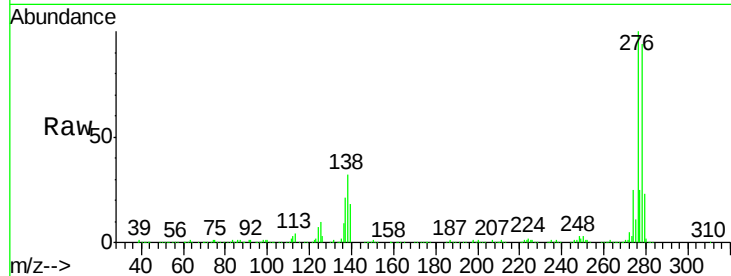
Tgt Ion:276 Resp: 833324

Ion Ratio Lower Upper

276 100

138 34.0 21.8 32.6#

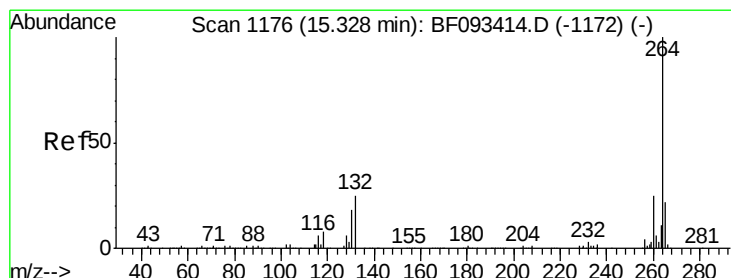
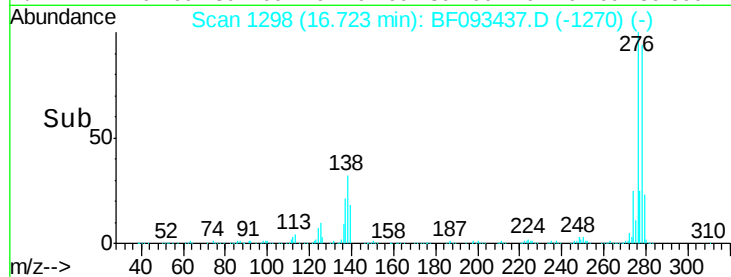
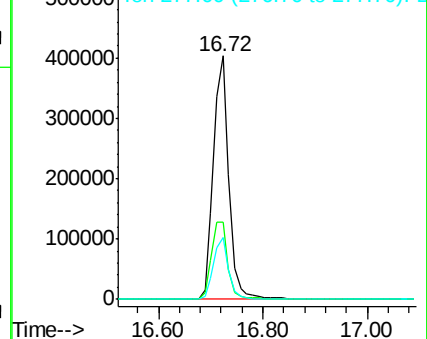
277 25.1 20.2 30.4



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: 15.34 min Scan# 1177

Delta R.T. 0.01 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

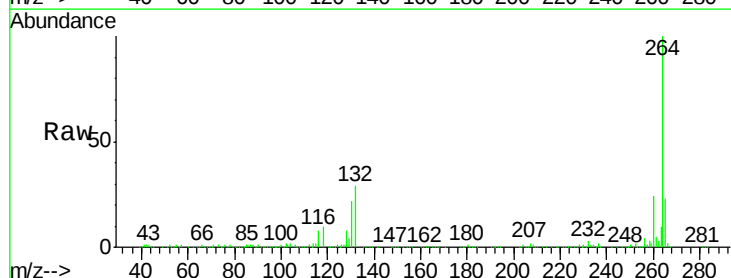
Tgt Ion:264 Resp: 507662

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

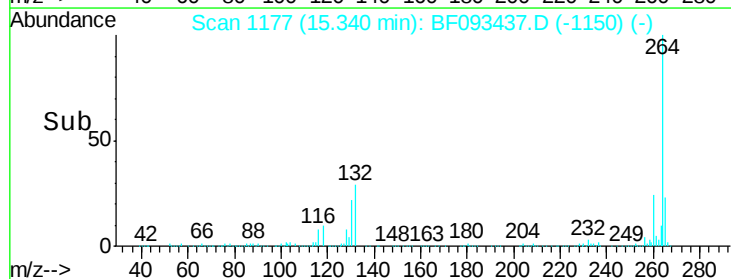
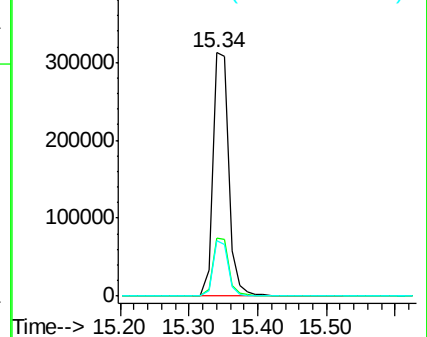
265 22.6 17.4 26.0

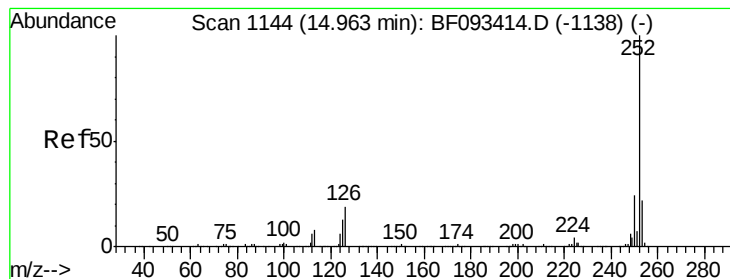


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 63.82 ng

RT: 14.97 min Scan# 1145

Delta R.T. 0.03 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

Instrument :

BNA_F

ClientSampleId :

PB97449BS

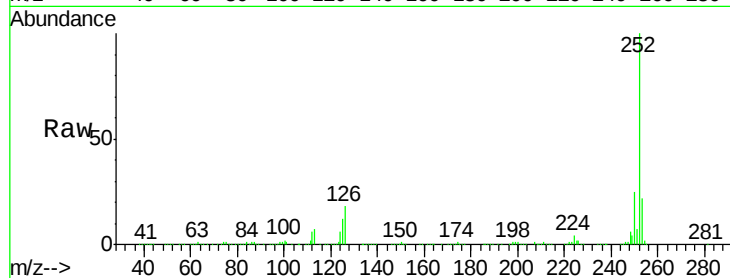
Tgt Ion:252 Resp: 1973237

Ion Ratio Lower Upper

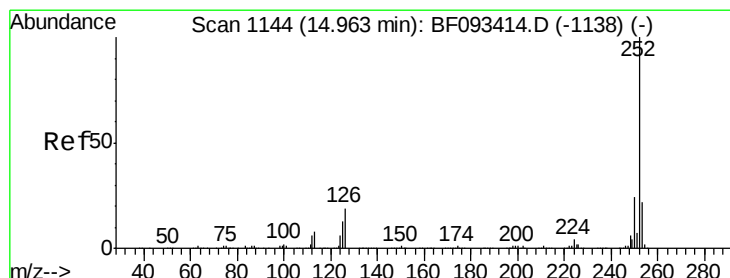
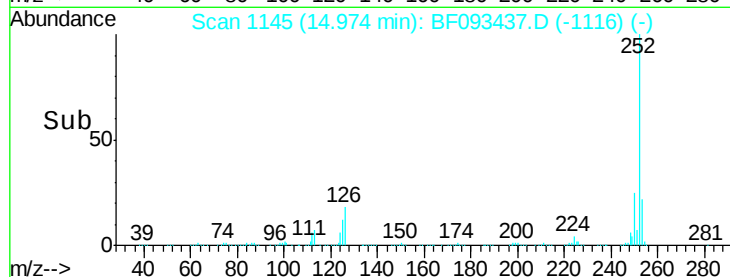
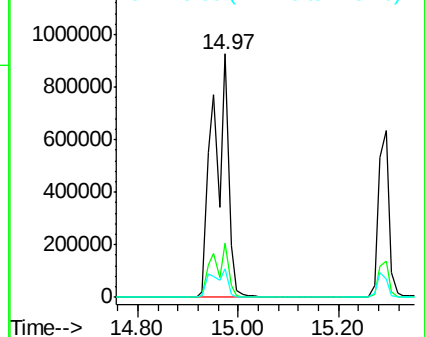
252 100

253 22.2 18.2 27.4

125 12.0 9.8 14.6



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



#88

Benzo(k)fluoranthene

Concen: 66.18 ng

RT: 14.97 min Scan# 1145

Delta R.T. 0.01 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

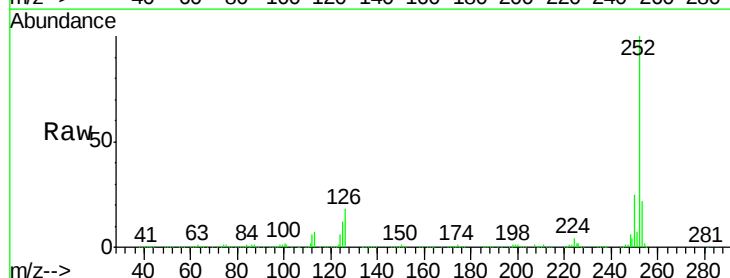
Tgt Ion:252 Resp: 1973237

Ion Ratio Lower Upper

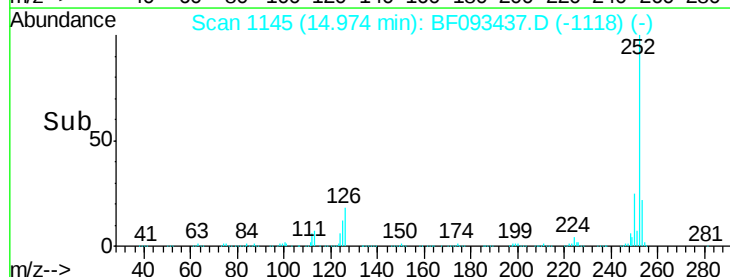
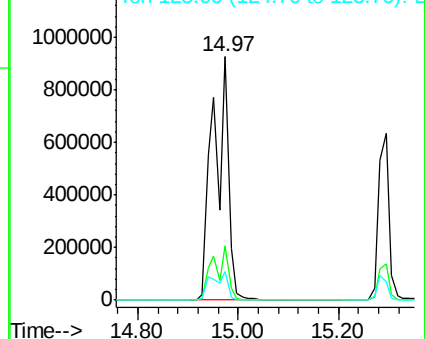
252 100

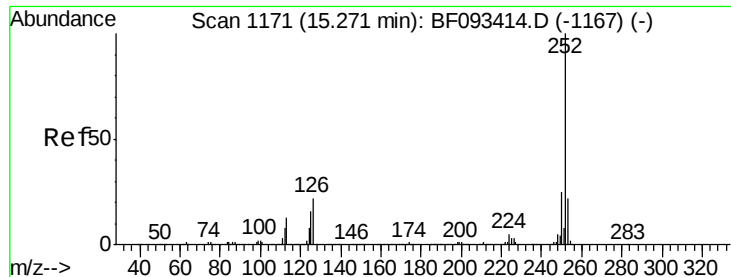
253 22.2 18.5 27.7

125 12.0 8.9 13.3



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





#89

Benzo(a)pyrene

Concen: 32.91 ng

RT: 15.29 min Scan# 1173

Delta R.T. 0.02 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

Instrument :

BNA_F

ClientSampleId :

PB97449BS

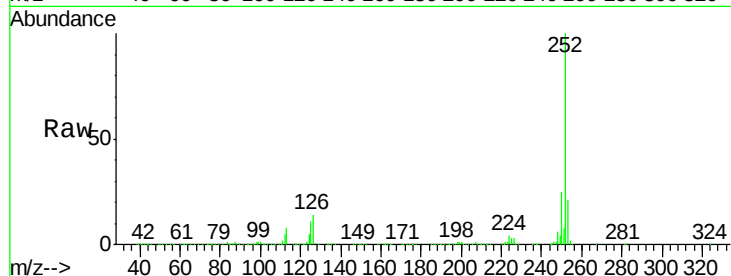
Tgt Ion:252 Resp: 930049

Ion Ratio Lower Upper

252 100

253 21.4 18.2 27.2

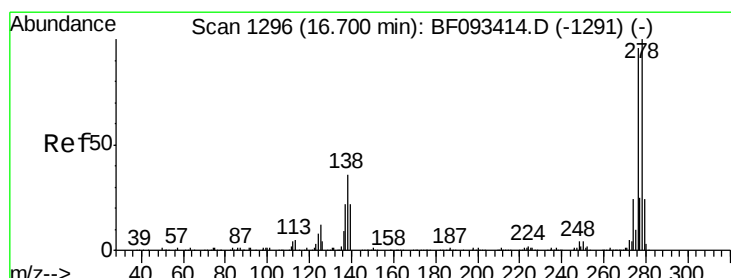
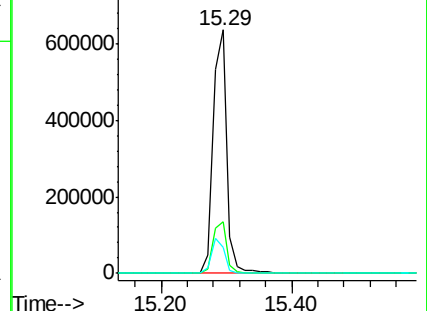
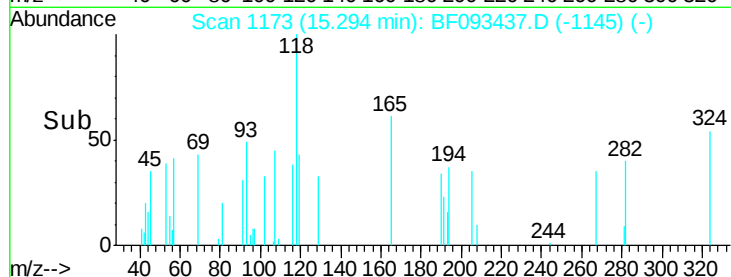
125 10.7 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 30.30 ng

RT: 16.72 min Scan# 1298

Delta R.T. 0.02 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

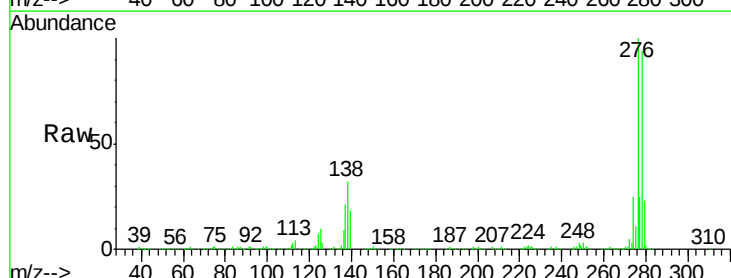
Tgt Ion:278 Resp: 708261

Ion Ratio Lower Upper

278 100

139 19.6 14.8 22.2

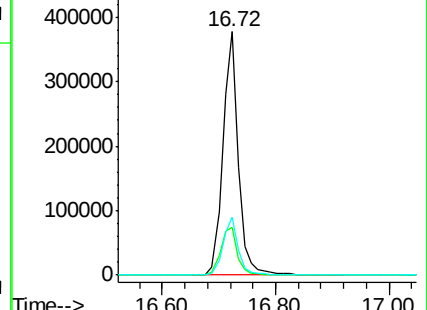
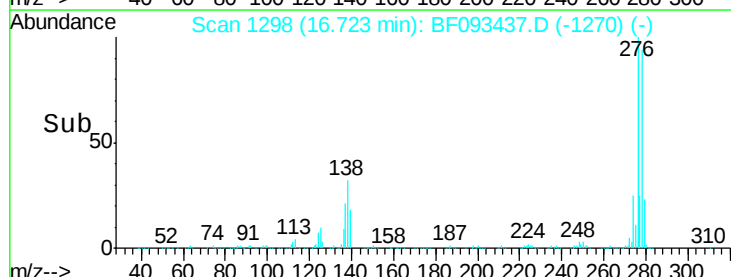
279 24.0 19.8 29.6

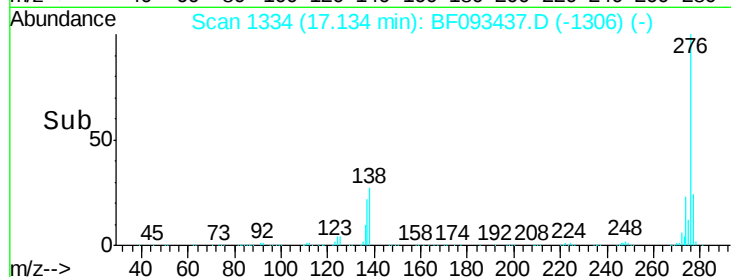
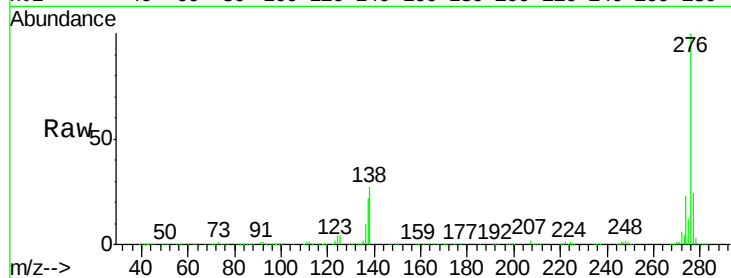
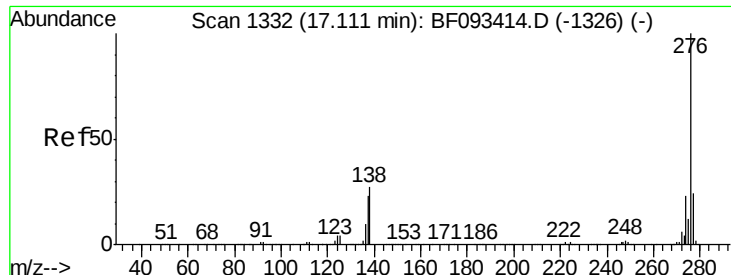


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 30.43 ng

RT: 17.13 min Scan# 1334

Delta R.T. 0.02 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

Instrument :

BNA_F

ClientSampleId :

PB97449BS

Tgt Ion: 276 Resp: 730193

Ion Ratio Lower Upper

276 100

277 23.8 19.2 28.8

138 27.3 16.0 24.0#

