

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030817\
 Data File : BF093438.D
 Acq On : 8 Mar 2017 19:45
 Operator : SJ/MA
 Sample : PB97449BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97449BSD

Quant Time: Mar 09 00:04:55 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	493146	20.00	ng	0.15
21) Naphthalene-d8	8.05	136	708363	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	345857	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	624481	20.00	ng	0.01
75) Chrysene-d12	13.93	240	531693	20.00	ng	0.01
86) Perylene-d12	15.34	264	397981	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	915835	30.91	ng	0.01
7) Phenol-d6	6.41	99	1062424	28.43	ng	0.00
23) Nitrobenzene-d5	7.34	82	1006005	78.80	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	207197	91.95	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1747284	93.97	ng	0.00
78) Terphenyl-d14	12.87	244	1397680	68.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.33	88	187871	11.51	ng	# 83
3) Pyridine	3.03	79	496342	11.93	ng	91
4) n-Nitrosodimethylamine	2.98	42	281533	14.17	ng	84
6) Aniline	6.42	93	457762	8.93	ng	88
8) 2-Chlorophenol	6.55	128	493052	14.85	ng	98
9) Benzaldehyde	6.32	77	81444	2.20	ng	97
10) Phenol	6.42	94	616281	13.46	ng	83
11) bis(2-Chloroethyl)ether	6.50	93	511223	13.81	ng	98
12) 1,3-Dichlorobenzene	6.78	146	543524	14.30	ng	# 94
13) 1,4-Dichlorobenzene	6.93	146	468045	12.03	ng	97
14) 1,2-Dichlorobenzene	6.93	146	468045	13.59	ng	96
15) Benzyl Alcohol	6.92	79	387986	14.57	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.05	45	854211	13.90	ng	87
17) 2-Methylphenol	7.04	107	405707	14.45	ng	95
18) Hexachloroethane	7.27	117	185292	14.12	ng	98
19) n-Nitroso-di-n-propylamine	7.19	70	389951	15.18	ng	98
20) 3+4-Methylphenols	7.20	107	557389	15.31	ng	# 74
22) Acetophenone	7.18	105	689637	40.46	ng	# 97
24) Nitrobenzene	7.36	77	576276	40.16	ng	90
25) Isophorone	7.60	82	1040536	40.42	ng	98
26) 2-Nitrophenol	7.68	139	270892	41.38	ng	# 87
27) 2,4-Dimethylphenol	7.73	122	473415	44.45	ng	94
28) bis(2-Chloroethoxy)methane	7.81	93	630881	38.82	ng	98
29) 2,4-Dichlorophenol	7.92	162	429478	42.87	ng	85
30) 1,2,4-Trichlorobenzene	8.00	180	426217	40.00	ng	97
31) Naphthalene	8.07	128	1314197	37.02	ng	99
32) Benzoic acid	7.89	122	226943	41.01	ng	98
33) 4-Chloroaniline	8.14	127	289155	20.07	ng	97
34) Hexachlorobutadiene	8.18	225	214853	39.15	ng	98
35) Caprolactam	8.52	113	98115	28.67	ng	# 37
36) 4-Chloro-3-methylphenol	8.63	107	440567	41.20	ng	93
37) 2-Methylnaphthalene	8.77	142	925943	41.00	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	401875	42.55	ng	99
40) Hexachlorocyclopentadiene	8.92	237	218060	89.77	ng	97

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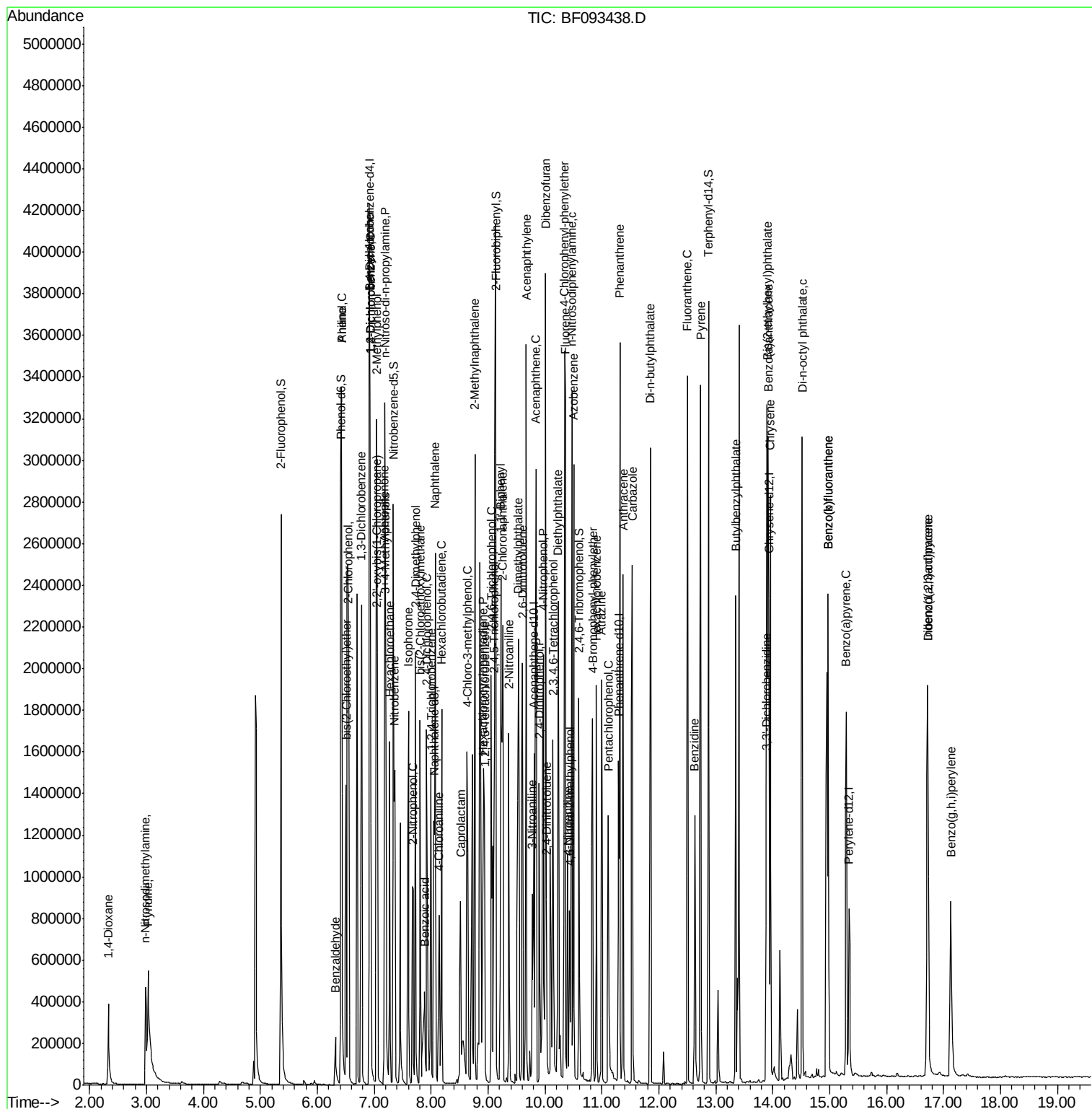
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	272250	46.14	ng	91
43) 2,4,5-Trichlorophenol	9.11	196	265424	41.92	ng #	86
45) 1,1'-Biphenyl	9.22	154	1071935	42.55	ng	95
46) 2-Chloronaphthalene	9.26	162	888412	46.07	ng	97
47) 2-Nitroaniline	9.36	65	312054	45.77	ng	93
48) Acenaphthylene	9.67	152	1353539	42.56	ng	98
49) Dimethylphthalate	9.53	163	1022741	44.61	ng	98
50) 2,6-Dinitrotoluene	9.60	165	215962	42.92	ng #	44
51) Acenaphthene	9.84	154	832641	44.27	ng	97
52) 3-Nitroaniline	9.77	138	154967	25.64	ng	91
53) 2,4-Dinitrophenol	9.90	184	218544	95.38	ng #	61
54) Dibenzofuran	10.01	168	1145851	48.67	ng	97
55) 4-Nitrophenol	9.97	139	267944	91.27	ng	91
56) 2,4-Dinitrotoluene	10.02	165	275218	44.53	ng #	65
57) Fluorene	10.36	166	927541	46.50	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	221152	49.49	ng	99
59) Diethylphthalate	10.23	149	915631	41.78	ng	99
60) 4-Chlorophenyl-phenylether	10.34	204	418017	46.75	ng	89
61) 4-Nitroaniline	10.40	138	269697	43.63	ng	82
62) Azobenzene	10.50	77	1235491	49.62	ng	97
64) 4,6-Dinitro-2-methylphenol	10.44	198	163179	40.33	ng	88
65) n-Nitrosodiphenylamine	10.47	169	830936	39.85	ng	99
66) 4-Bromophenyl-phenylether	10.84	248	262777	39.79	ng #	88
67) Hexachlorobenzene	10.90	284	251798	39.93	ng	94
68) Atrazine	11.00	200	250819	41.10	ng	99
69) Pentachlorophenol	11.11	266	197594	90.76	ng	98
70) Phenanthrene	11.32	178	1342314	37.66	ng	99
71) Anthracene	11.37	178	1470523	40.78	ng	98
72) Carbazole	11.53	167	1336721	39.46	ng	98
73) Di-n-butylphthalate	11.85	149	1648464	42.06	ng #	97
74) Fluoranthene	12.50	202	1354520	39.34	ng	98
76) Benzidine	12.63	184	514215	29.41	ng	97
77) Pyrene	12.73	202	1393063	36.03	ng	99
79) Butylbenzylphthalate	13.35	149	716262	44.00	ng #	83
80) Benzo(a)anthracene	13.92	228	1148272	36.57	ng	99
81) 3,3'-Dichlorobenzidine	13.89	252	306000	27.83	ng #	95
82) Chrysene	13.96	228	1010015	34.77	ng	100
83) Bis(2-ethylhexyl)phthalate	13.90	149	927387	40.87	ng	100
84) Di-n-octyl phthalate	14.52	149	1608409	42.53	ng	98
85) Indeno(1,2,3-cd)pyrene	16.72	276	834543	34.32	ng #	93
87) Benzo(b)fluoranthene	14.97	252	1959246	80.83	ng	99
88) Benzo(k)fluoranthene	14.97	252	1959621	83.83	ng	98
89) Benzo(a)pyrene	15.29	252	923788	41.70	ng	98
90) Dibenzo(a,h)anthracene	16.72	278	706226	38.54	ng	96
91) Benzo(g,h,i)perylene	17.13	276	733683	39.01	ng #	92

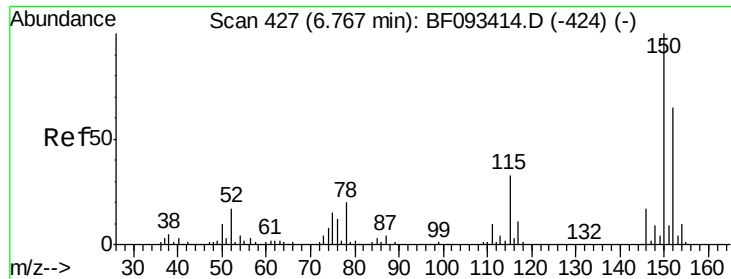
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF093438.D

Acq: 8 Mar 2017 19:45

Instrument :

BNA_F

ClientSampleId :

PB97449BSD

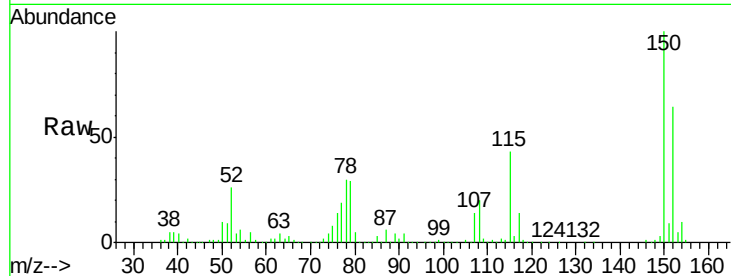
Tgt Ion:152 Resp: 493146

Ion Ratio Lower Upper

152 100

150 156.0 124.9 187.3

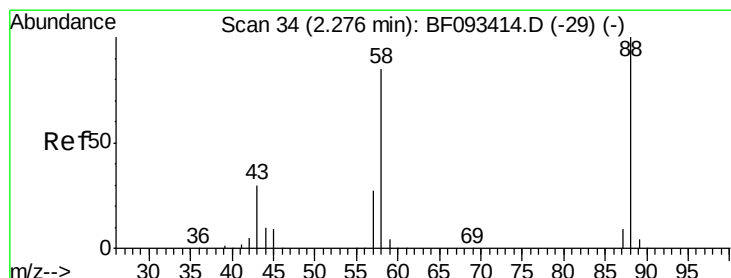
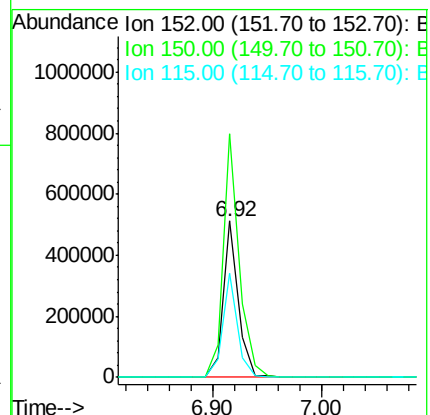
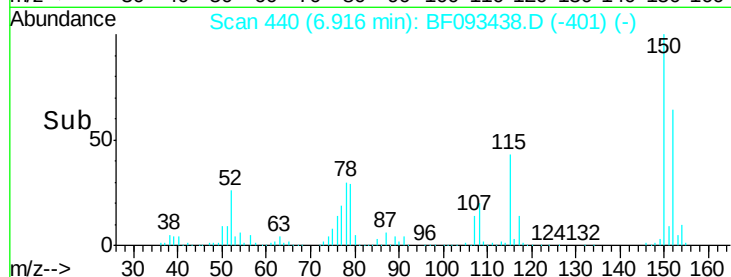
115 66.3 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 11.51 ng

RT: 2.33 min Scan# 39

Delta R.T. 0.06 min

Lab File: BF093438.D

Acq: 8 Mar 2017 19:45

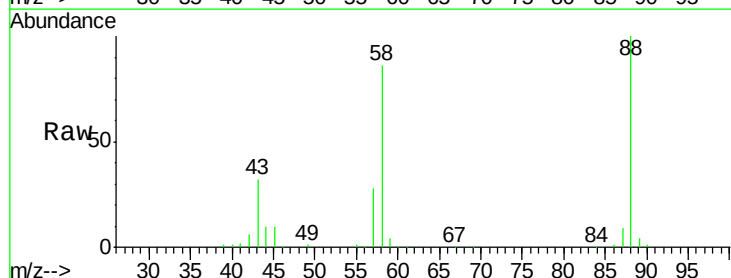
Tgt Ion: 88 Resp: 187871

Ion Ratio Lower Upper

88 100

58 88.7 57.8 86.8#

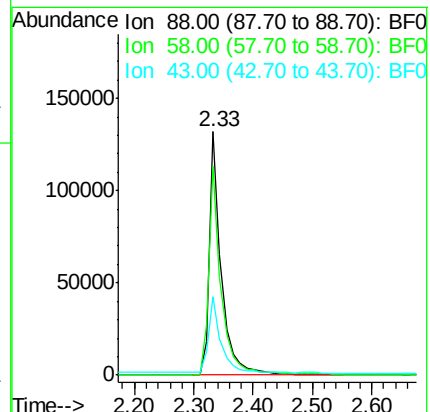
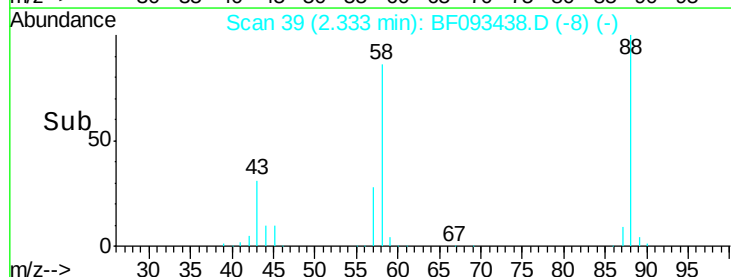
43 32.8 22.3 33.5

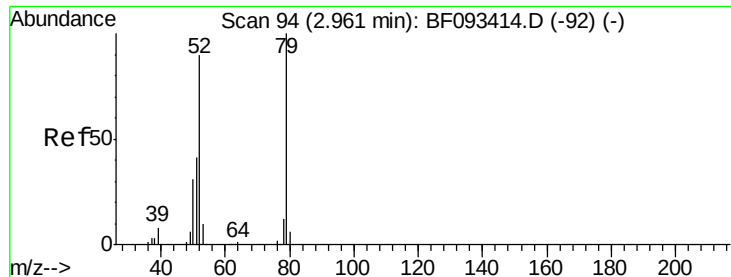


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 11.93 ng

RT: 3.03 min Scan# 100

Delta R.T. 0.07 min

Lab File: BF093438.D

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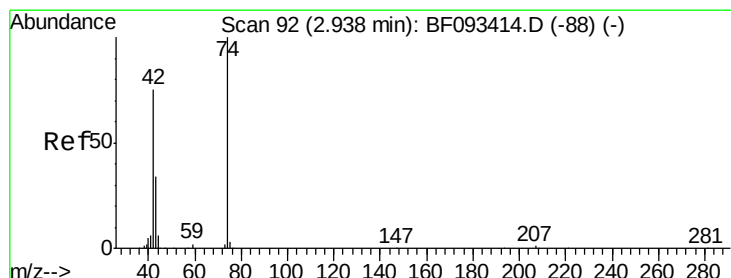
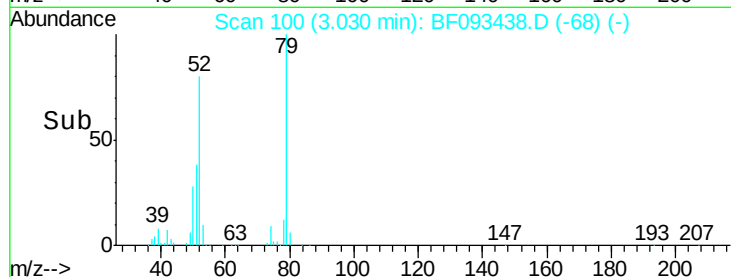
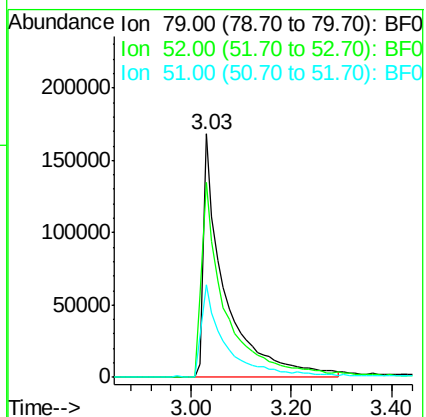
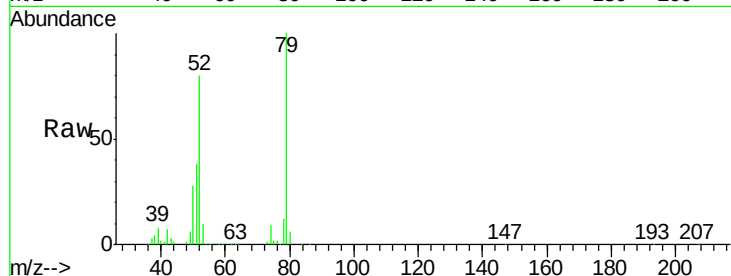
Tgt Ion: 79 Resp: 496342

Ion Ratio Lower Upper

79 100

52 79.9 57.1 85.7

51 37.8 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 14.17 ng

RT: 2.98 min Scan# 96

Delta R.T. 0.05 min

Lab File: BF093438.D

Acq: 8 Mar 2017 19:45

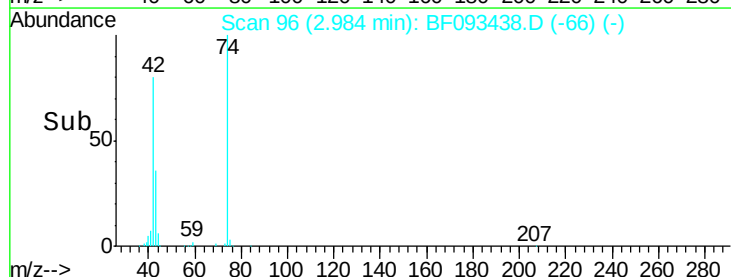
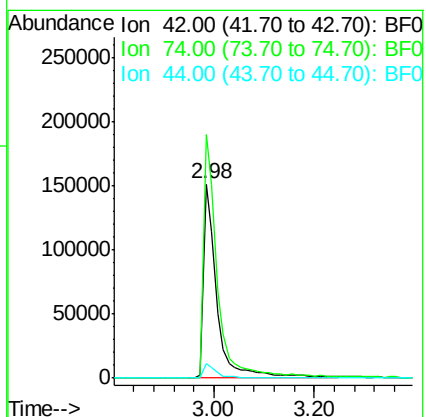
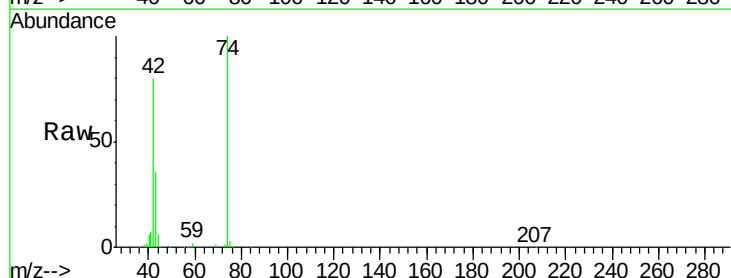
Tgt Ion: 42 Resp: 281533

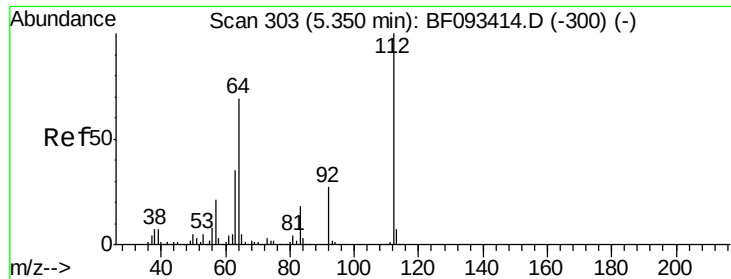
Ion Ratio Lower Upper

42 100

74 125.7 117.0 175.4

44 7.7 5.5 8.3





#5

2-Fluorophenol

Concen: 30.91 ng

RT: 5.36 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF093438.D

Acq: 8 Mar 2017 19:45

Instrument :

BNA_F

ClientSampleId :

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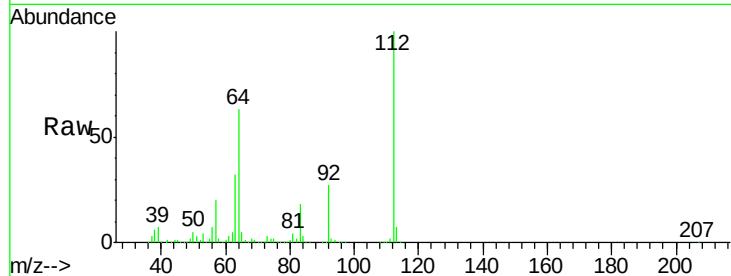
Tgt Ion: 112 Resp: 915835

Ion Ratio Lower Upper

112 100

64 63.1 46.1 69.1

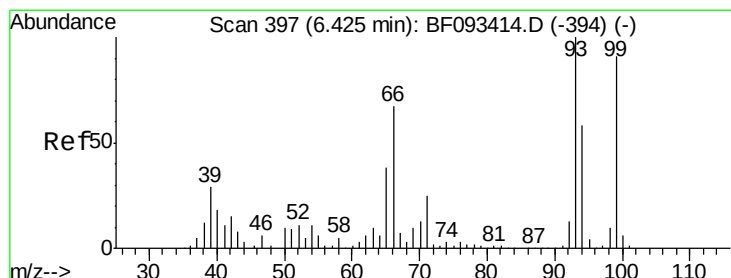
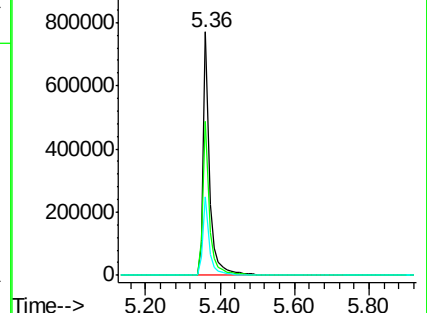
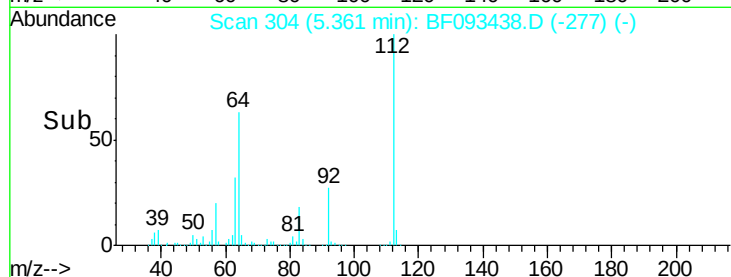
63 32.1 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 8.93 ng

RT: 6.42 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF093438.D

Acq: 8 Mar 2017 19:45

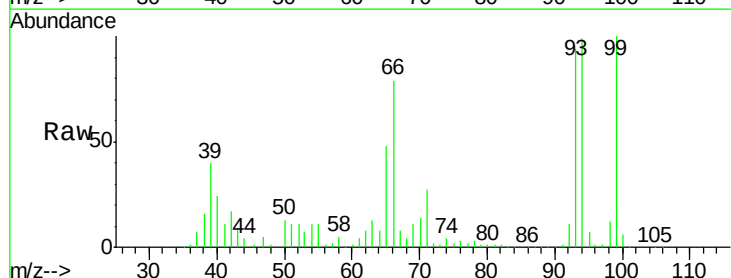
Tgt Ion: 93 Resp: 457762

Ion Ratio Lower Upper

93 100

66 84.6 76.2 114.2

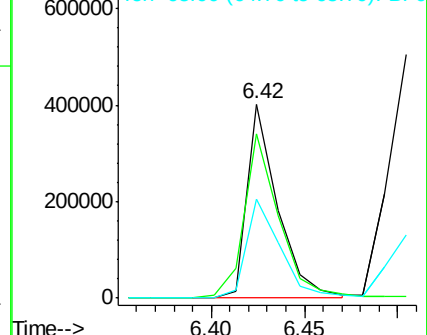
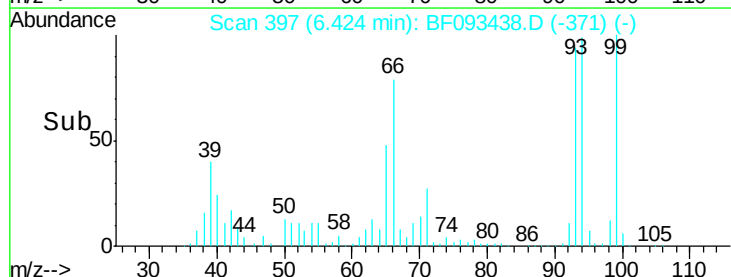
65 51.3 49.3 73.9

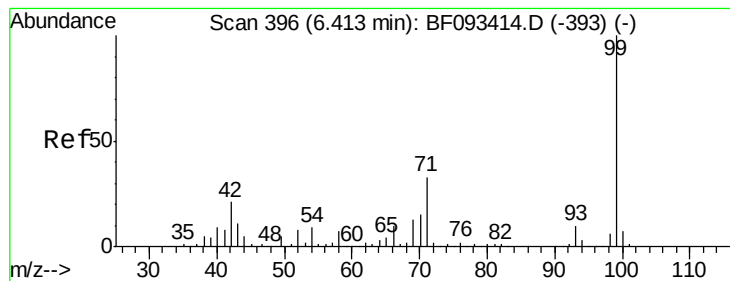


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 28.43 ng

RT: 6.41 min Scan# 396

Delta R.T. -0.00 min

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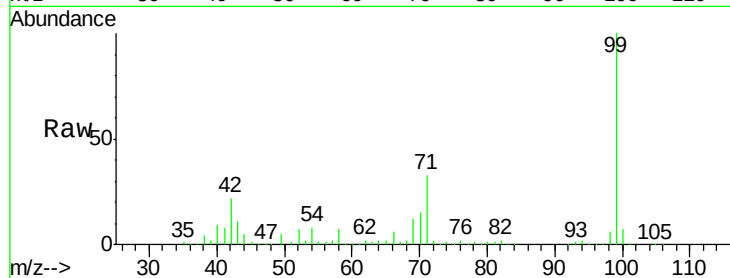
Tgt Ion: 99 Resp: 1062424

Ion Ratio Lower Upper

99 100

42 21.6 15.6 23.4

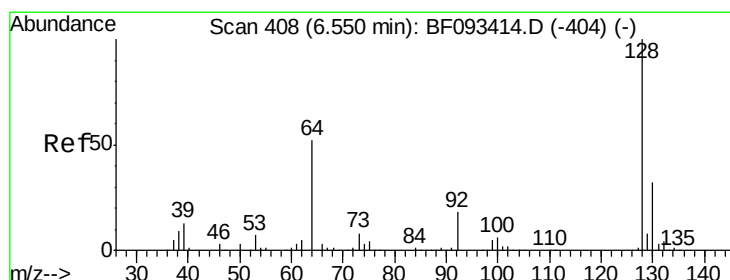
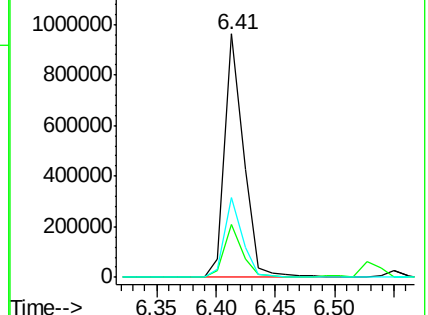
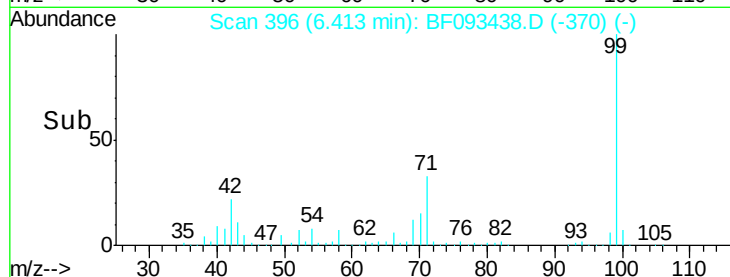
71 32.7 27.5 41.3



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: 14.85 ng

RT: 6.55 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF093438.D

Acq: 8 Mar 2017 19:45

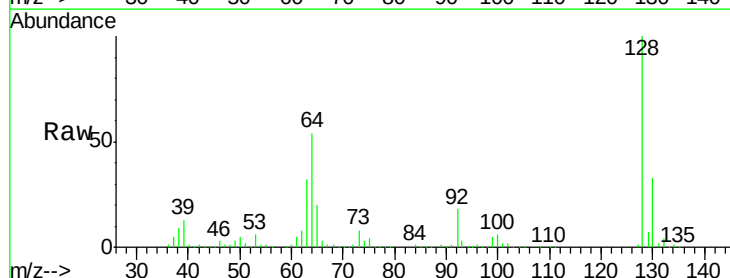
Tgt Ion: 128 Resp: 493052

Ion Ratio Lower Upper

128 100

130 32.7 12.3 52.3

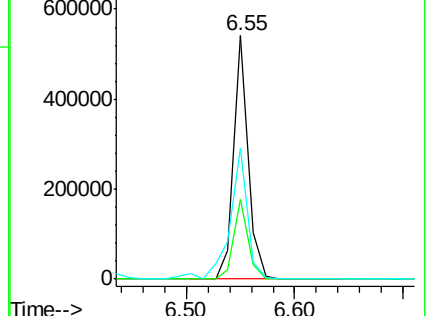
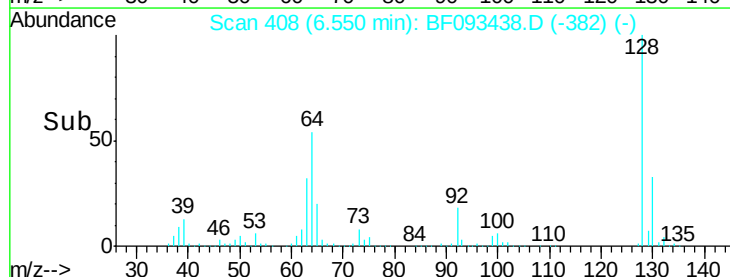
64 53.7 32.2 72.2

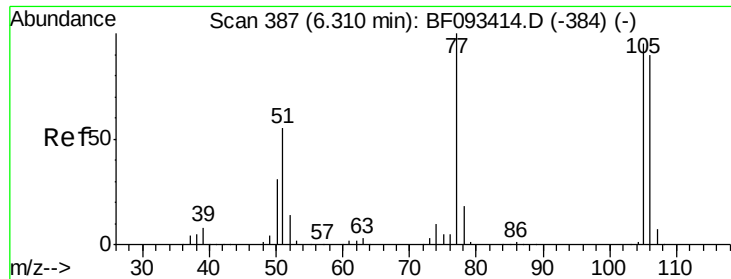


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

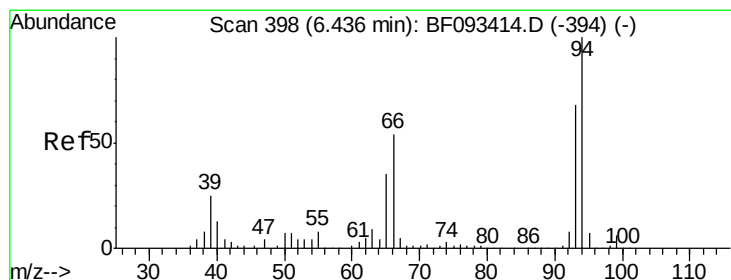
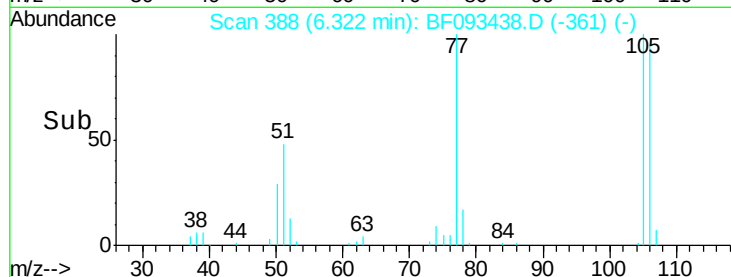
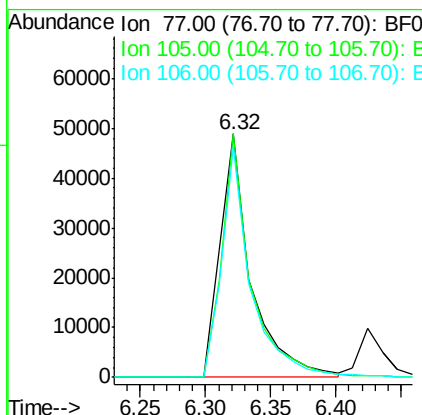
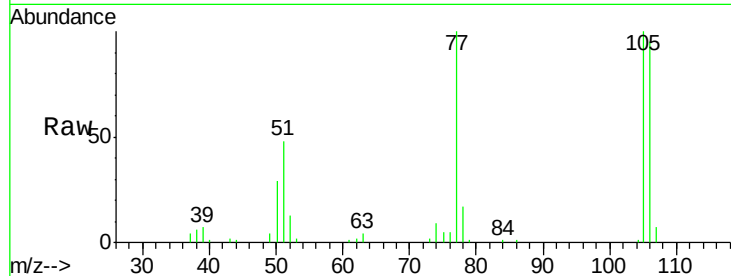




#9
Benzaldehyde
Concen: 2.20 ng
RT: 6.32 min Scan# 388
Delta R.T. 0.01 min
Lab File: BF093438.D
Acq: 8 Mar 2017 19:45

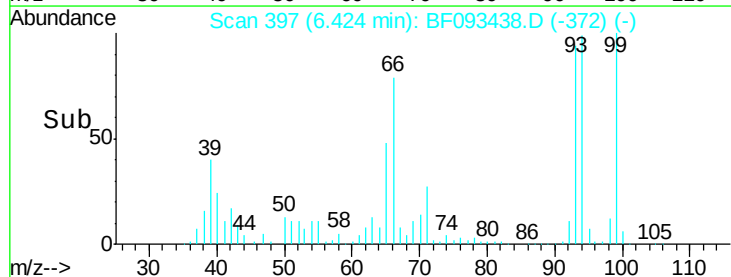
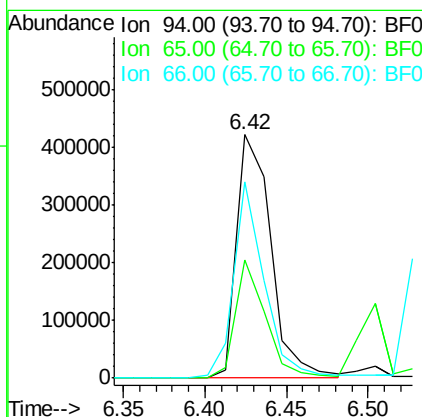
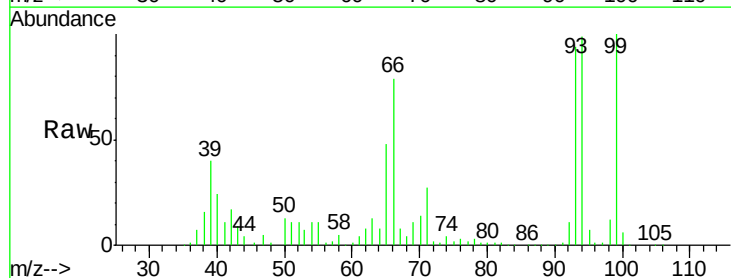
Instrument :
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ClientSampleId :
PB97449BSD

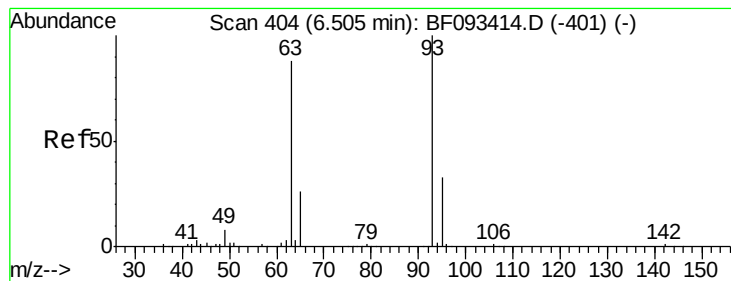
Tgt Ion: 77 Resp: 81444
Ion Ratio Lower Upper
77 100
105 99.9 83.9 123.9
106 94.6 77.6 117.6



#10
Phenol
Concen: 13.46 ng
RT: 6.42 min Scan# 397
Delta R.T. -0.01 min
Lab File: BF093438.D
Acq: 8 Mar 2017 19:45

Tgt Ion: 94 Resp: 616281
Ion Ratio Lower Upper
94 100
65 48.7 21.4 61.4
66 80.4 44.0 84.0

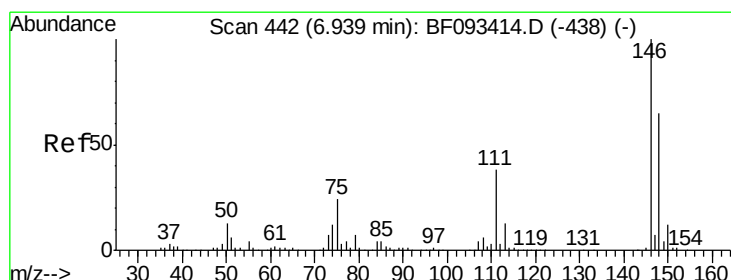
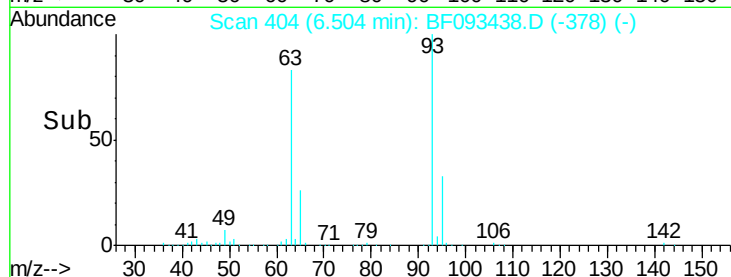
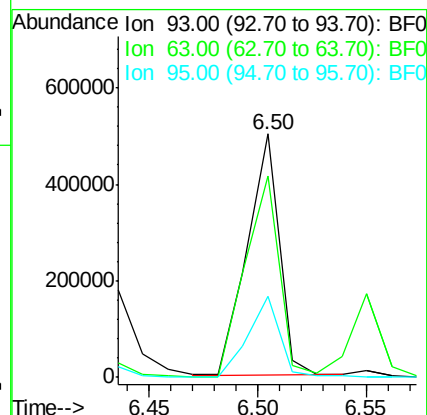
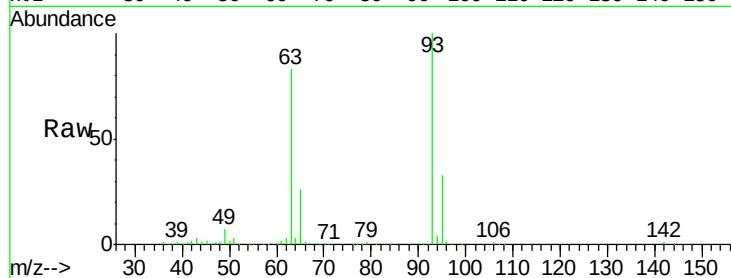




#11
bis(2-Chloroethyl)ether
Concen: 13.81 ng
RT: 6.50 min Scan# 404
Delta R.T. -0.00 min
Lab File: BF093438.D
Acq: 8 Mar 2017 19:45

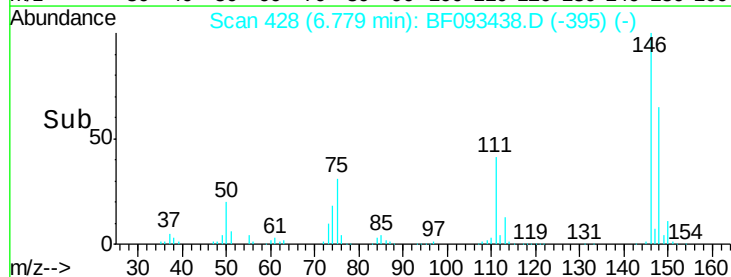
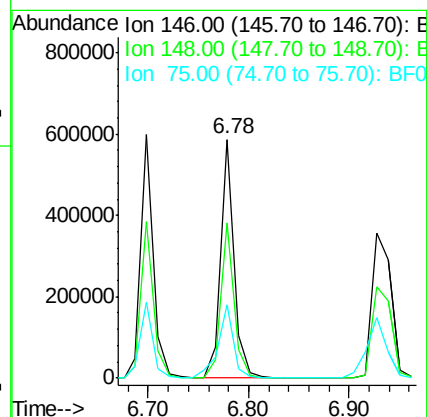
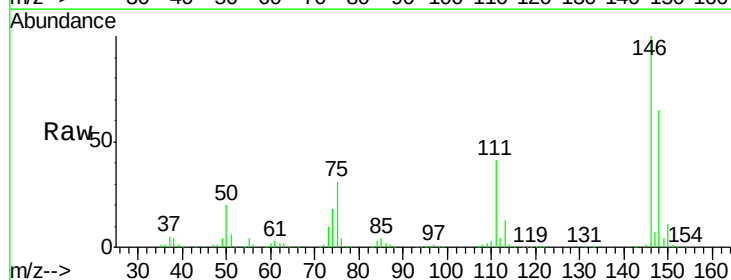
Instrument :
BNA_F
ClientSampleId :
PB97449BSD

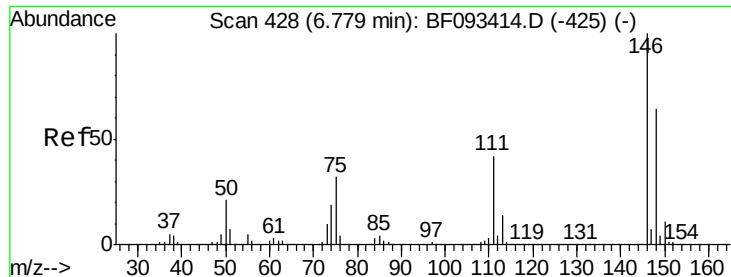
Tgt Ion: 93 Resp: 511223
Ion Ratio Lower Upper
93 100
63 82.9 60.4 100.4
95 33.1 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 14.30 ng
RT: 6.78 min Scan# 428
Delta R.T. 0.08 min
Lab File: BF093438.D
Acq: 8 Mar 2017 19:45

Tgt Ion: 146 Resp: 543524
Ion Ratio Lower Upper
146 100
148 65.0 53.4 80.0
75 31.0 18.5 27.7#

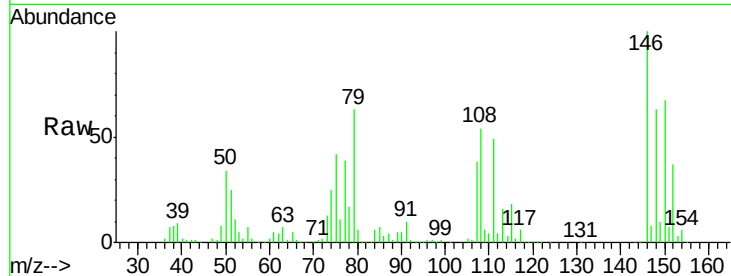




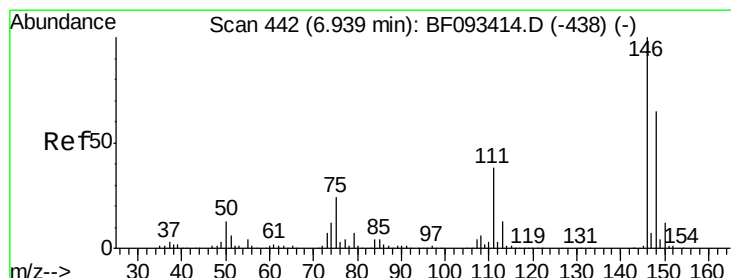
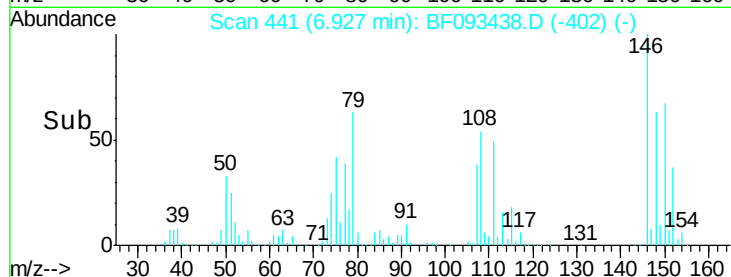
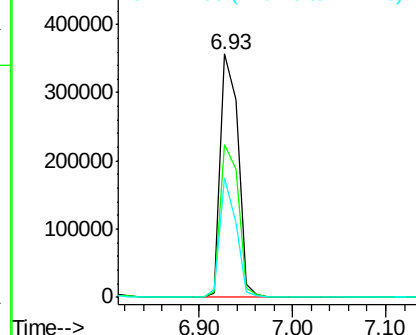
#13
 1,4-Dichlorobenzene
 Concen: 12.03 ng
 RT: 6.93 min Scan# 441
 Delta R.T. 0.15 min
 Lab File: BF093438.D
 Acq: 8 Mar 2017 19:45

Instrument :
 BNA_F
 ClientSampleId :
 PB97449BSD

Tgt Ion:146 Resp: 468045
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.6 76.0
 111 49.0 36.2 54.4

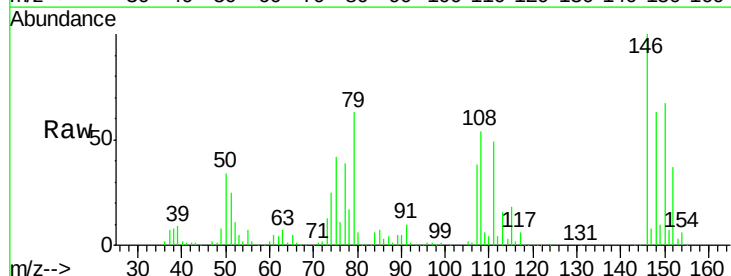


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

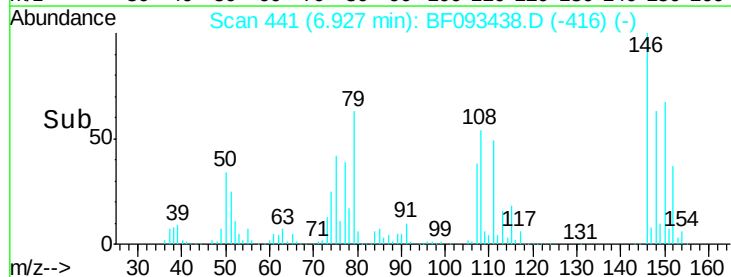
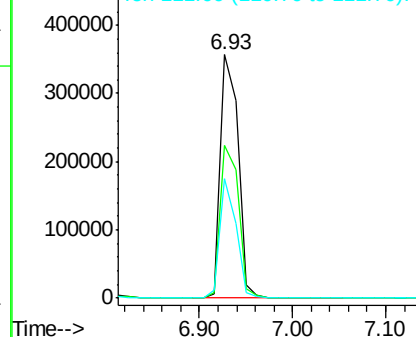


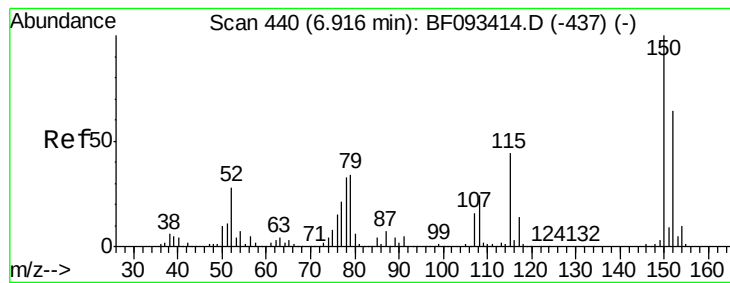
#14
 1,2-Dichlorobenzene
 Concen: 13.59 ng
 RT: 6.93 min Scan# 441
 Delta R.T. -0.01 min
 Lab File: BF093438.D
 Acq: 8 Mar 2017 19:45

Tgt Ion:146 Resp: 468045
 Ion Ratio Lower Upper
 146 100
 148 62.9 52.2 78.2
 111 49.0 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: 14.57 ng

RT: 6.92 min Scan# 440

Delta R.T. -0.00 min

Lab File: BF093438.D

Acq: 8 Mar 2017 19:45

Instrument :

BNA_F

ClientSampleId :

PB97449BSD

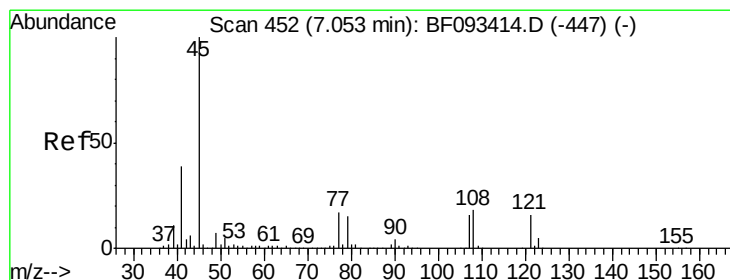
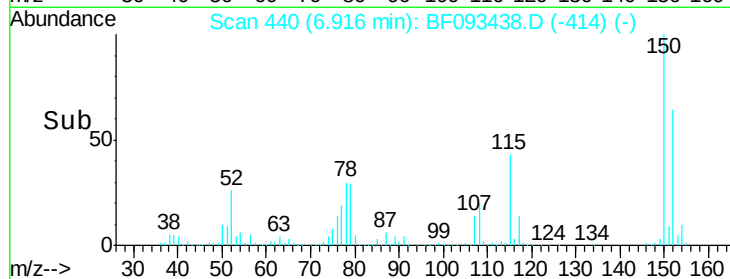
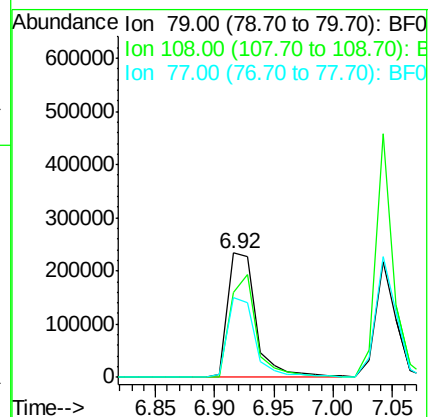
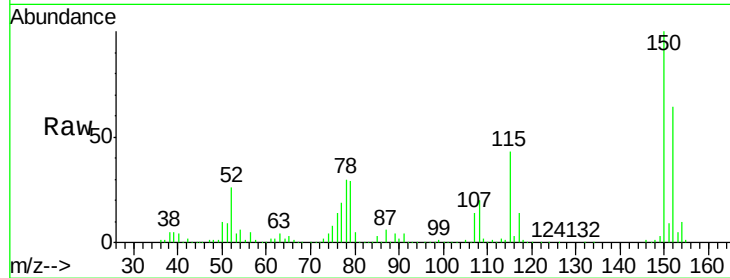
Tgt Ion: 79 Resp: 387986

Ion Ratio Lower Upper

79 100

108 68.5 61.4 92.0

77 64.2 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 13.90 ng

RT: 7.05 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF093438.D

Acq: 8 Mar 2017 19:45

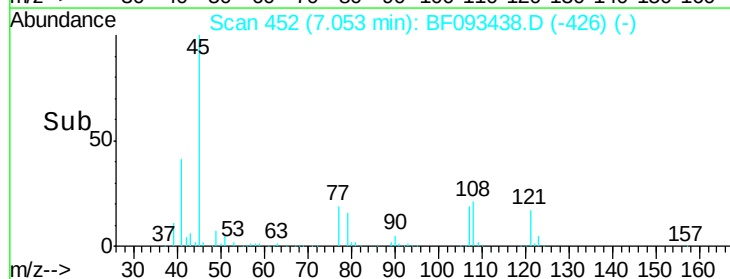
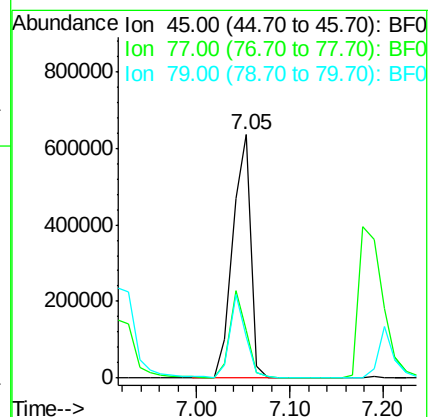
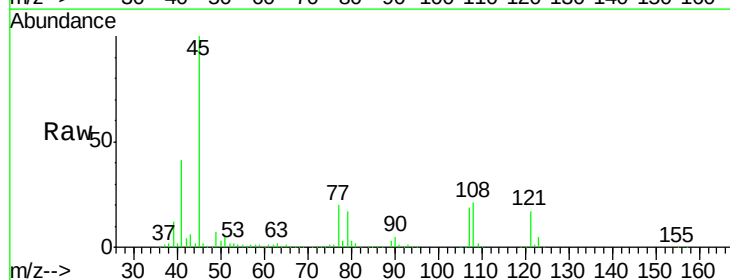
Tgt Ion: 45 Resp: 854211

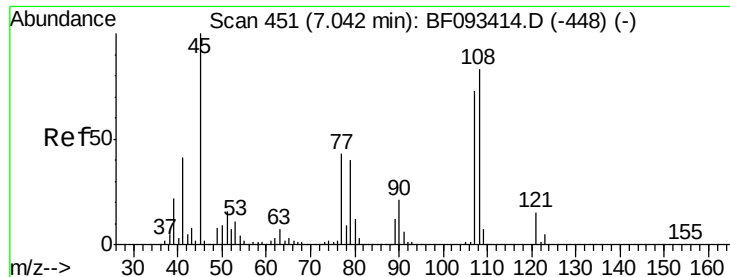
Ion Ratio Lower Upper

45 100

77 19.6 0.0 34.6

79 17.0 0.0 31.2

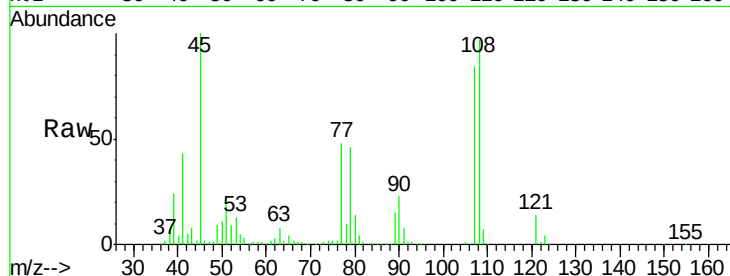




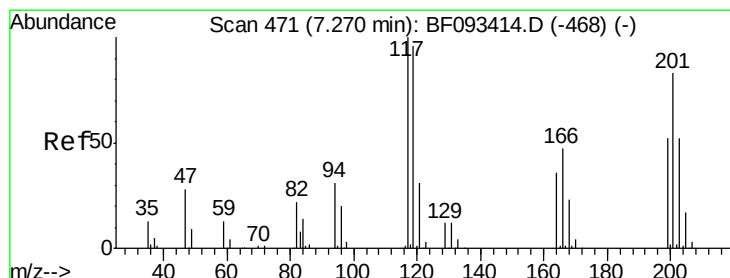
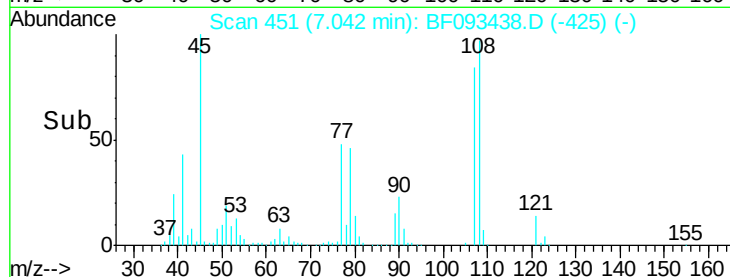
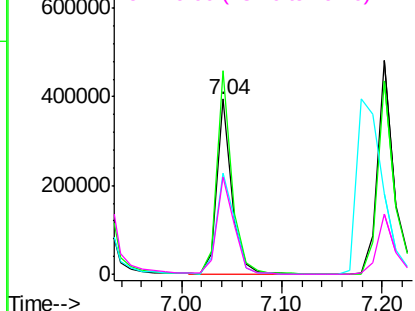
#17
2-Methylphenol
Concen: 14.45 ng
RT: 7.04 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF093438.D
Acq: 8 Mar 2017 19:45

Instrument :
BNA_F
ClientSampleId :
PB97449BSD

Tgt Ion:	107	Resp:	405707
Ion	Ratio	Lower	Upper
107	100		
108	115.9	93.0	139.6
77	57.5	39.8	59.8
79	55.2	38.0	57.0

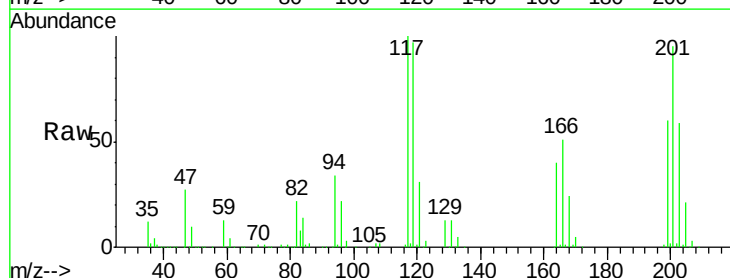


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

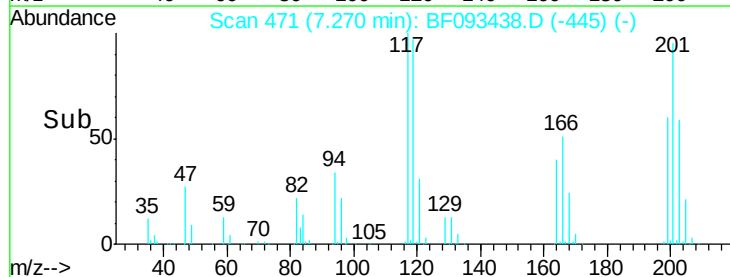
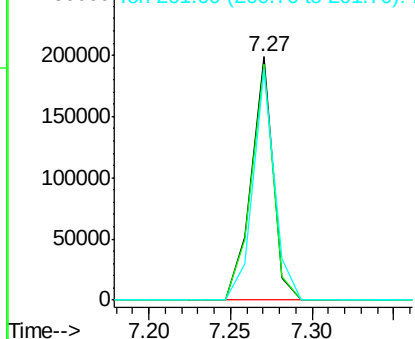


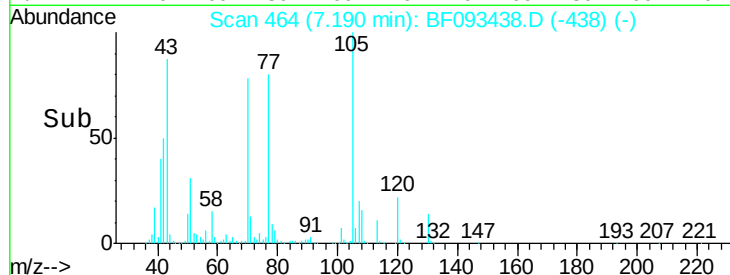
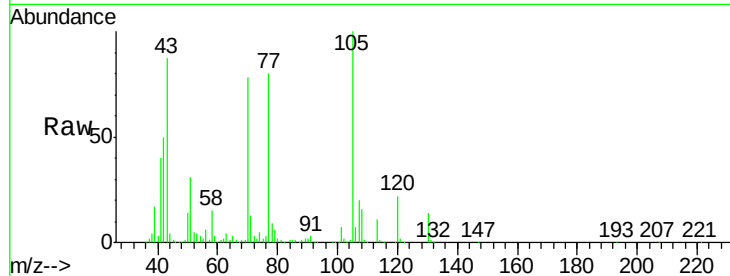
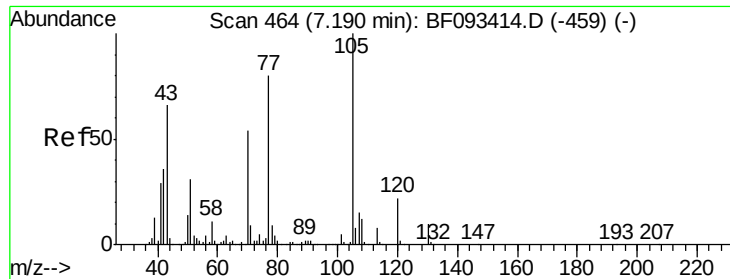
#18
Hexachloroethane
Concen: 14.12 ng
RT: 7.27 min Scan# 471
Delta R.T. -0.00 min
Lab File: BF093438.D
Acq: 8 Mar 2017 19:45

Tgt Ion:	117	Resp:	185292
Ion	Ratio	Lower	Upper
117	100		
119	96.7	78.1	117.1
201	94.8	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

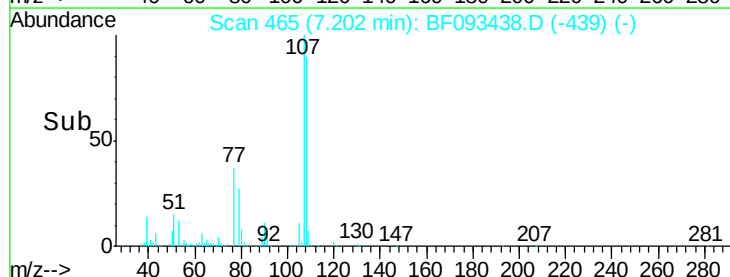
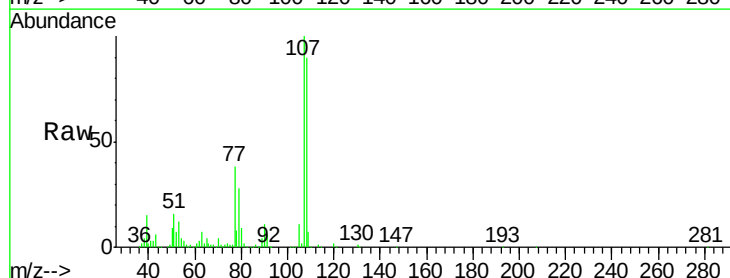
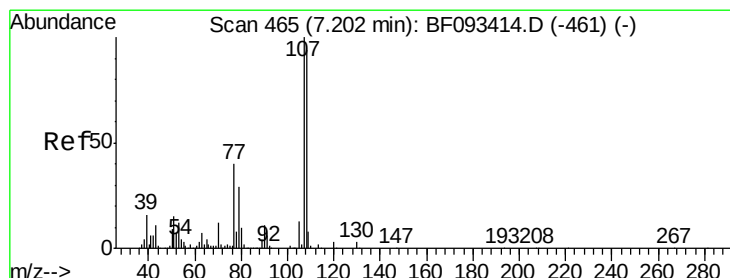
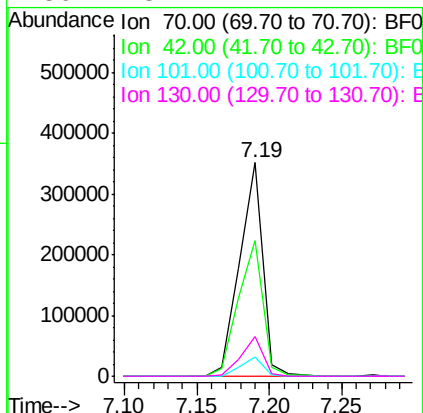




#19
n-Nitroso-di-n-propylamine
Concen: 15.18 ng
RT: 7.19 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF093438.D
Acq: 8 Mar 2017 19:45

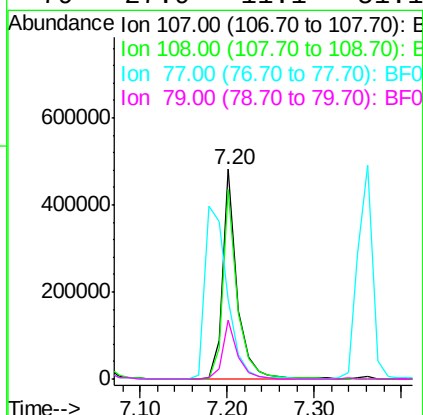
Instrument :
BNA_F
ClientSampleId :
PB97449BSD

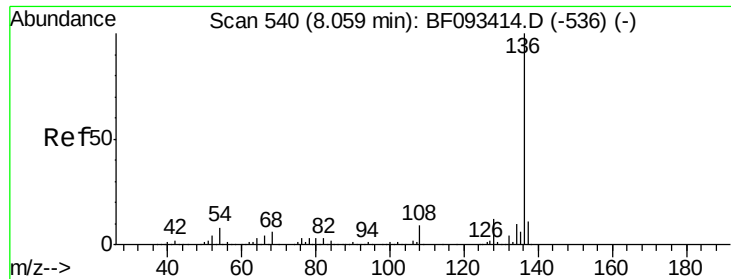
Tgt Ion: 70 Resp: 389951
Ion Ratio Lower Upper
70 100
42 63.4 49.4 74.0
101 9.2 7.4 11.2
130 18.4 14.2 21.4



#20
3+4-Methylphenols
Concen: 15.31 ng
RT: 7.20 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF093438.D
Acq: 8 Mar 2017 19:45

Tgt Ion: 107 Resp: 557389
Ion Ratio Lower Upper
107 100
108 90.4 73.0 113.0
77 37.7 71.3 111.3#
79 27.9 11.1 51.1

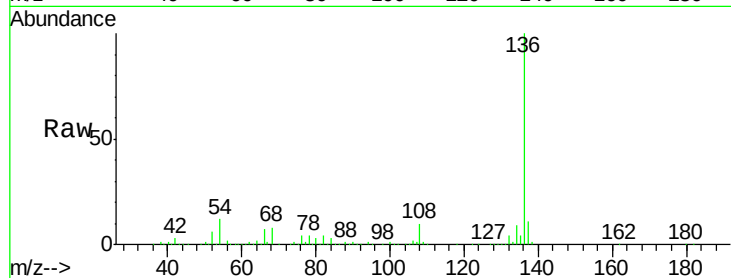




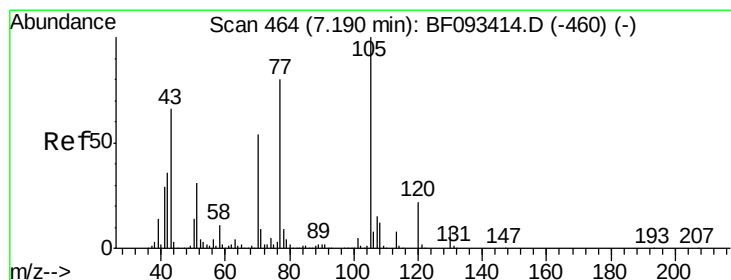
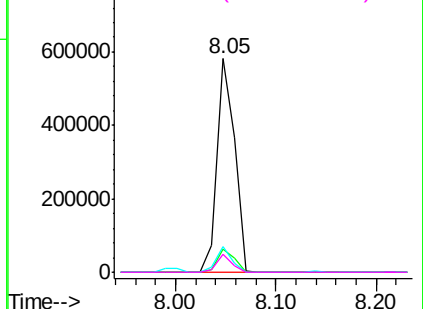
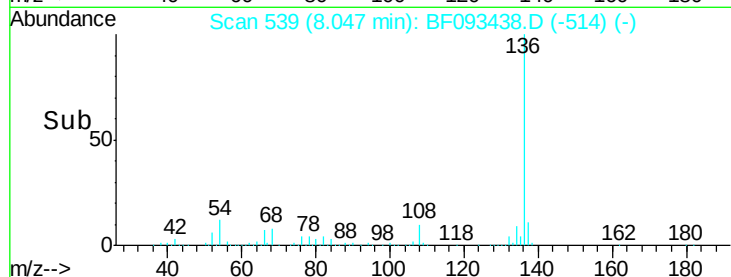
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF093438.D
Acq: 8 Mar 2017 19:45

Instrument :
BNA_F
ClientSampleId :
PB97449BSD

Tgt Ion:	136	Resp:	708363
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	11.8	4.5	6.7#
68	8.1	3.6	5.4#

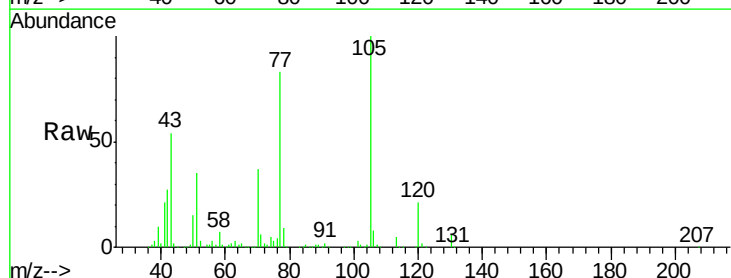


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

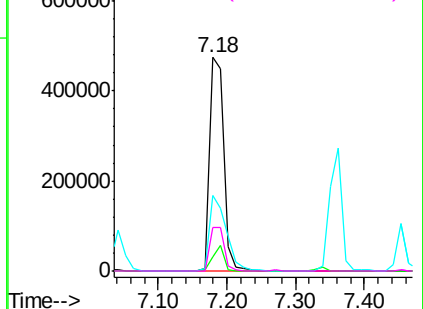
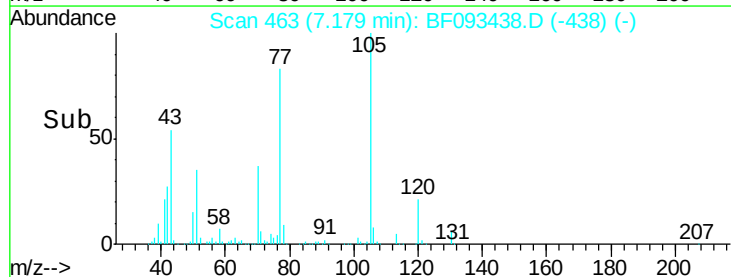


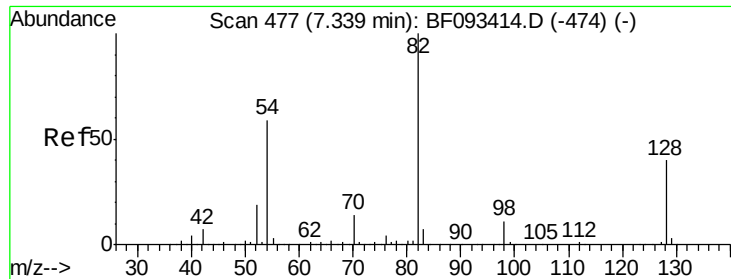
#22
Acetophenone
Concen: 40.46 ng
RT: 7.18 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF093438.D
Acq: 8 Mar 2017 19:45

Tgt Ion:	105	Resp:	689637
Ion	Ratio	Lower	Upper
105	100		
71	6.4	3.2	4.8#
51	35.2	26.2	39.4
120	20.5	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

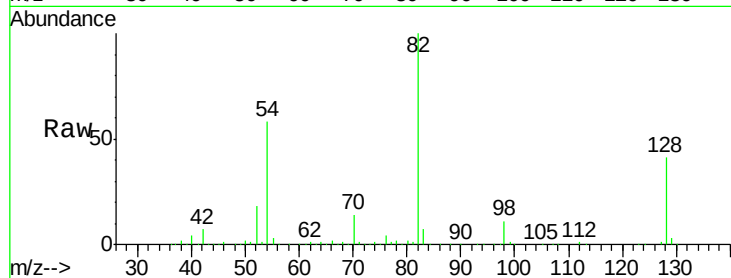




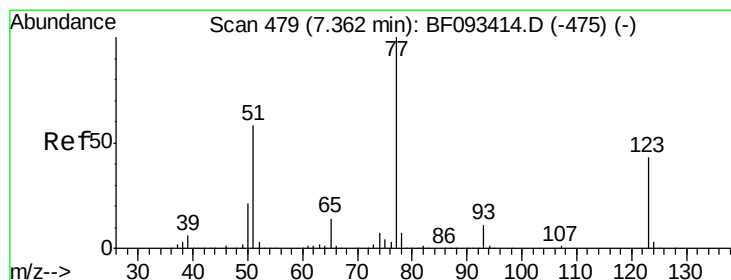
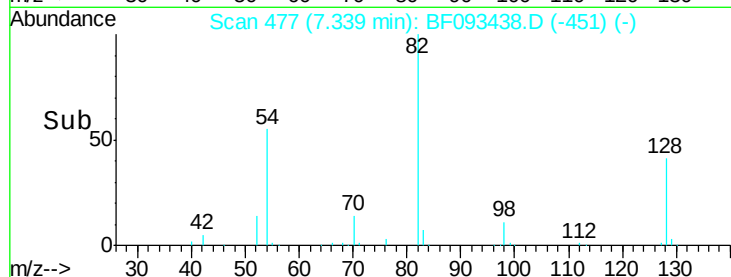
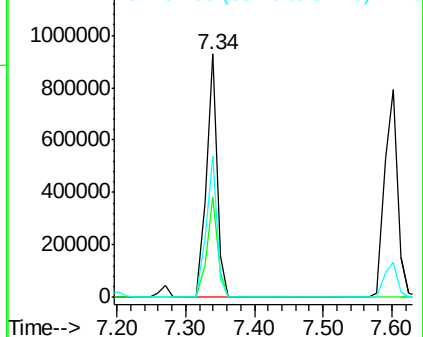
#23
 Nitrobenzene-d5
 Concen: 78.80 ng
 RT: 7.34 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF093438.D
 Acq: 8 Mar 2017 19:45

Instrument :
 BNA_F
 ClientSampleId :
 PB97449BSD

Tgt Ion: 82 Resp: 1006005
 Ion Ratio Lower Upper
 82 100
 128 41.4 34.6 52.0
 54 58.0 39.5 59.3

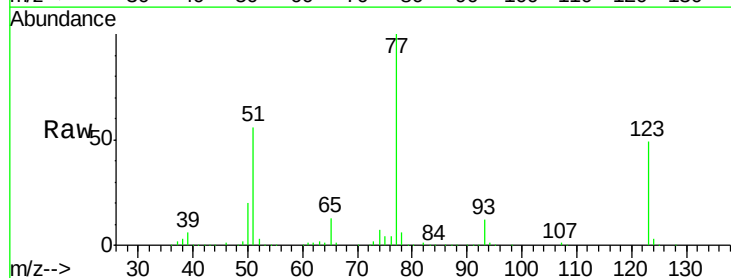


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

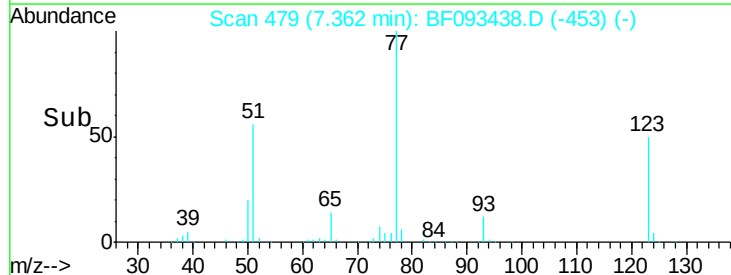
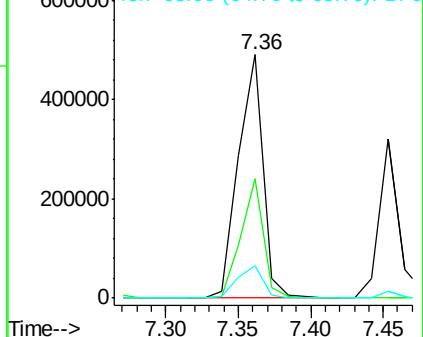


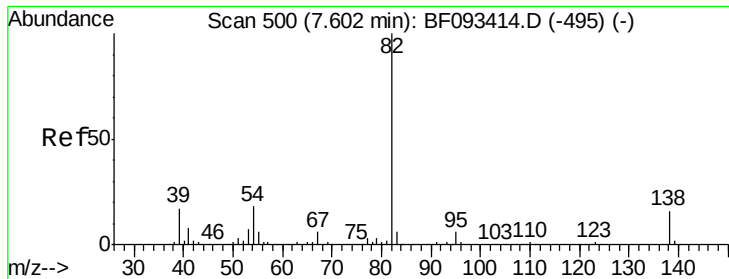
#24
 Nitrobenzene
 Concen: 40.16 ng
 RT: 7.36 min Scan# 479
 Delta R.T. -0.00 min
 Lab File: BF093438.D
 Acq: 8 Mar 2017 19:45

Tgt Ion: 77 Resp: 576276
 Ion Ratio Lower Upper
 77 100
 123 48.9 33.0 49.4
 65 13.3 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: 40.42 ng

RT: 7.60 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF093438.D

Acq: 8 Mar 2017 19:45

Instrument :

BNA_F

ClientSampleId :

PB97449BSD

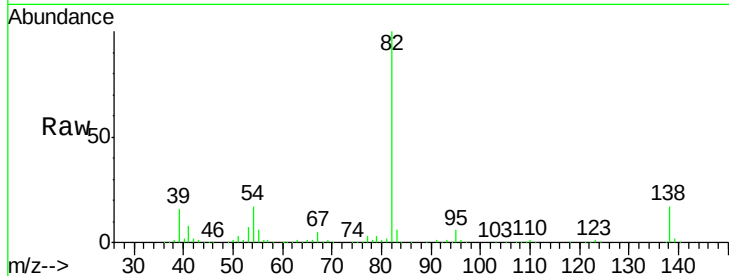
Tgt Ion: 82 Resp: 1040536

Ion Ratio Lower Upper

82 100

95 6.4 5.6 8.4

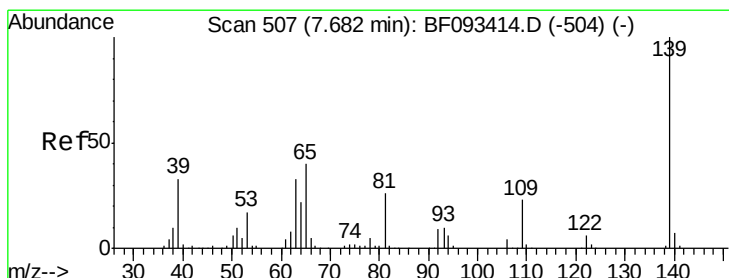
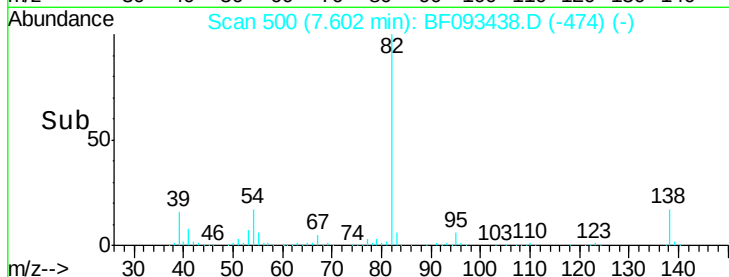
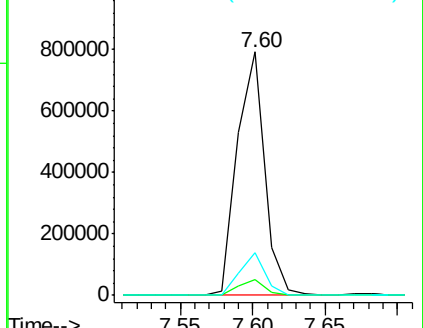
138 17.3 14.6 22.0



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: 41.38 ng

RT: 7.68 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF093438.D

Acq: 8 Mar 2017 19:45

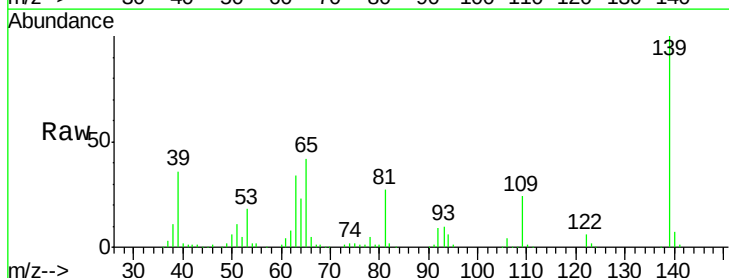
Tgt Ion: 139 Resp: 270892

Ion Ratio Lower Upper

139 100

109 24.0 23.3 34.9

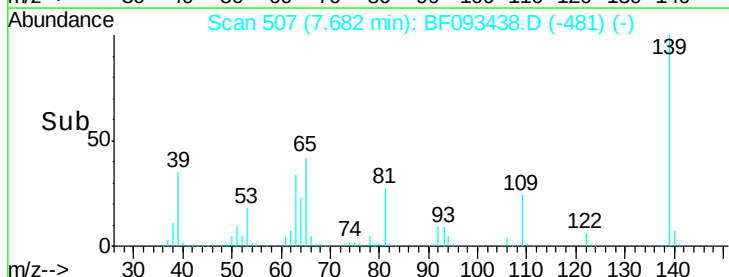
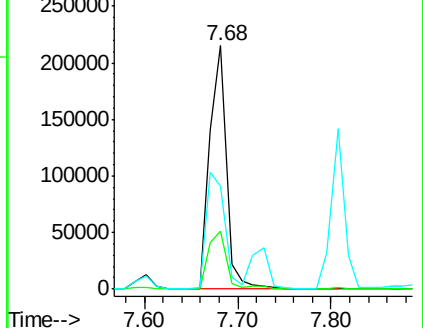
65 42.3 42.7 64.1#

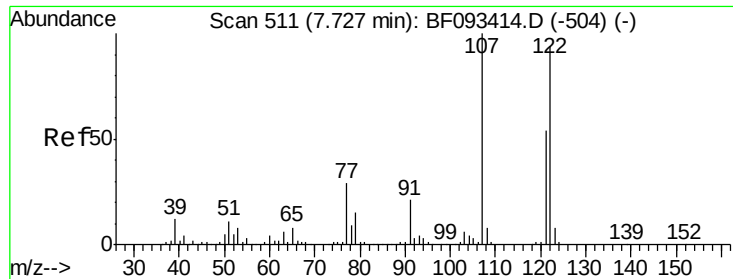


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

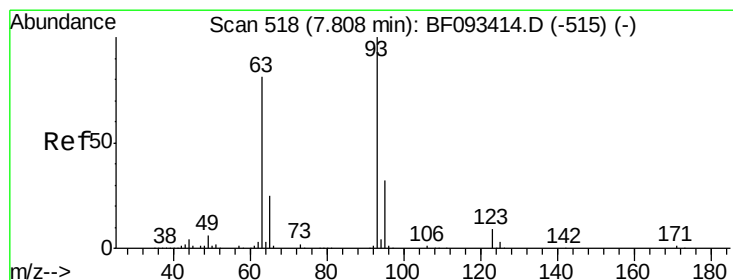
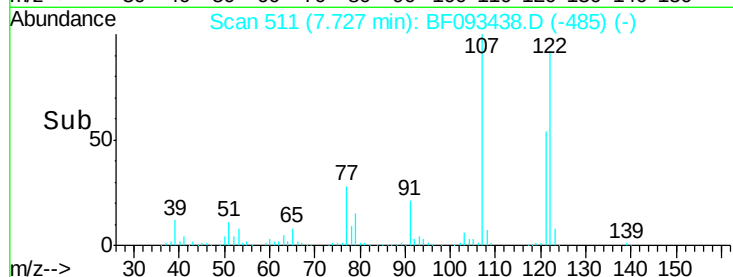
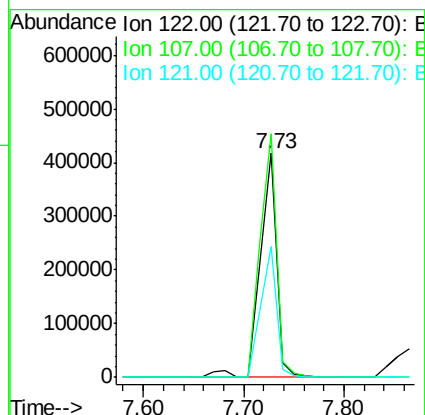
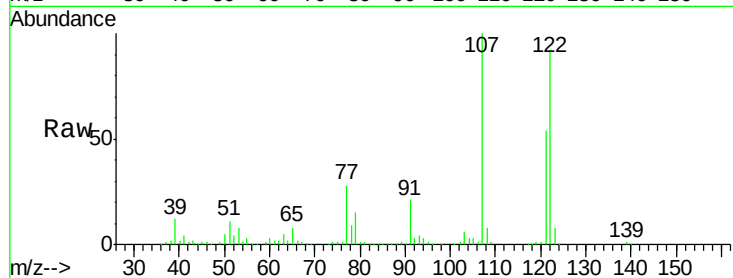




#27
 2,4-Dimethylphenol
 Concen: 44.45 ng
 RT: 7.73 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: BF093438.D
 Acq: 8 Mar 2017 19:45

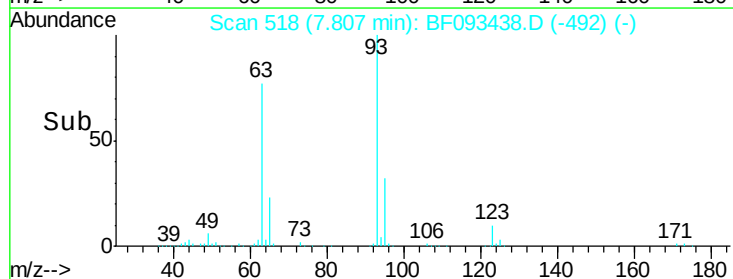
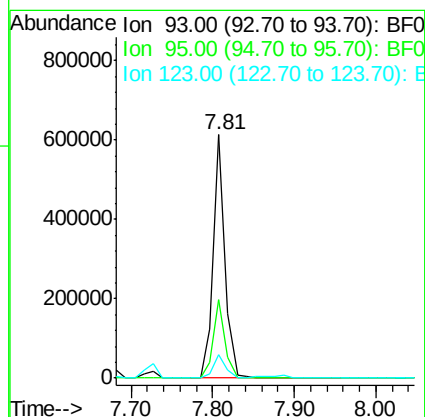
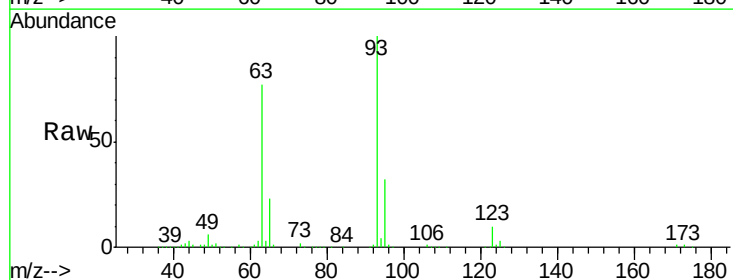
Instrument :
 BNA_F
 ClientSampleId :
 PB97449BSD

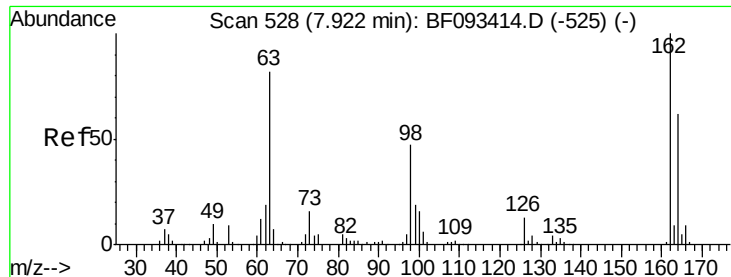
Tgt Ion: 122 Resp: 473415
 Ion Ratio Lower Upper
 122 100
 107 108.6 94.1 141.1
 121 58.2 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.82 ng
 RT: 7.81 min Scan# 518
 Delta R.T. -0.00 min
 Lab File: BF093438.D
 Acq: 8 Mar 2017 19:45

Tgt Ion: 93 Resp: 630881
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.5 39.7
 123 9.6 8.6 13.0

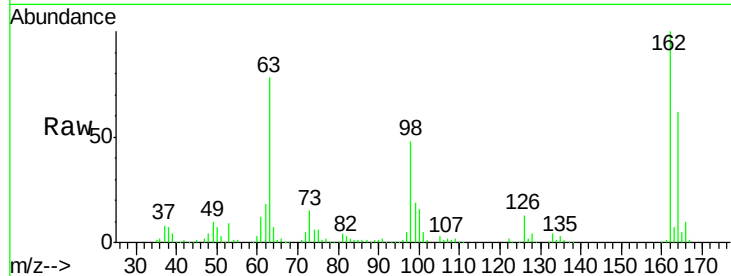




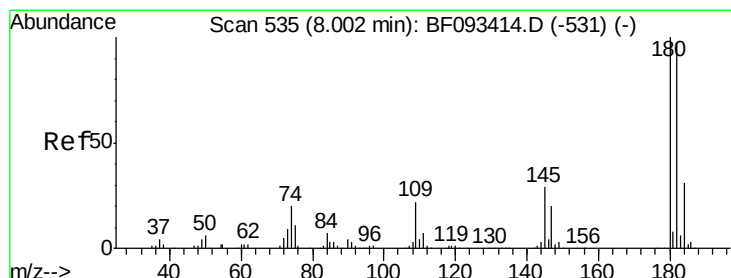
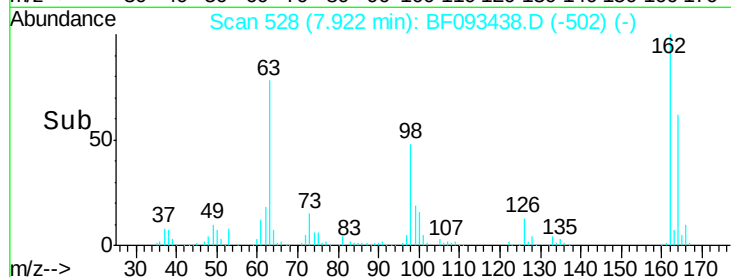
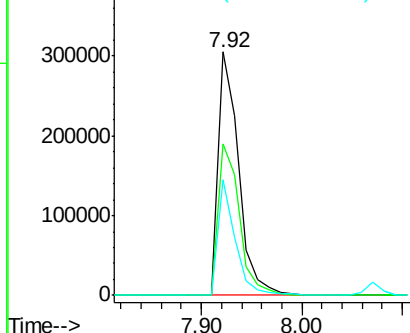
#29
 2,4-Dichlorophenol
 Concen: 42.87 ng
 RT: 7.92 min Scan# 528
 Delta R.T. -0.00 min
 Lab File: BF093438.D
 Acq: 8 Mar 2017 19:45

Instrument :
 BNA_F
 ClientSampleId :
 PB97449BSD

Tgt Ion:162 Resp: 429478
 Ion Ratio Lower Upper
 162 100
 164 62.2 46.8 86.8
 98 47.7 9.1 49.1

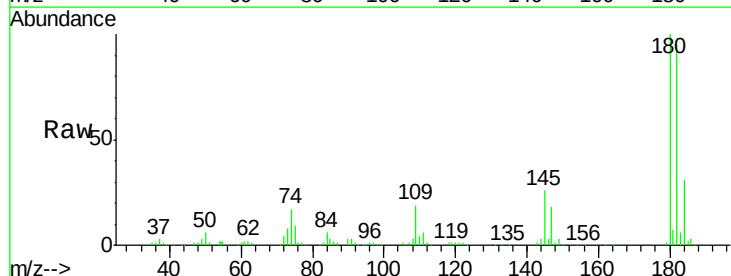


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

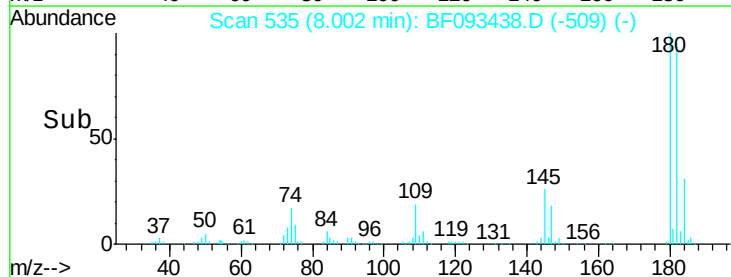
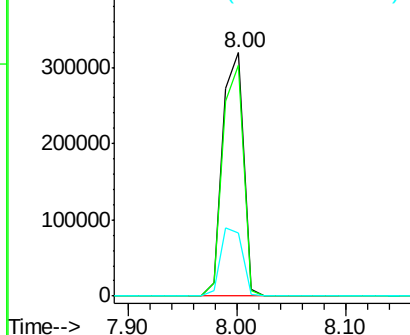


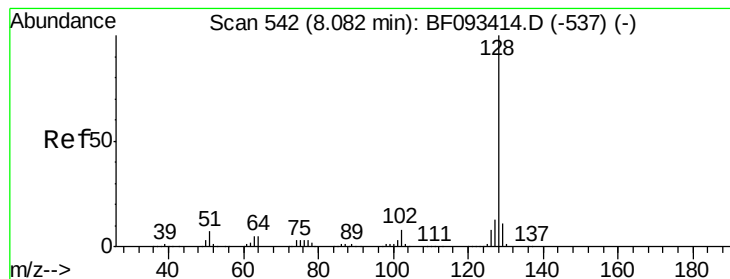
#30
 1,2,4-Trichlorobenzene
 Concen: 40.00 ng
 RT: 8.00 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: BF093438.D
 Acq: 8 Mar 2017 19:45

Tgt Ion:180 Resp: 426217
 Ion Ratio Lower Upper
 180 100
 182 94.5 78.2 117.4
 145 26.0 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: 37.02 ng

RT: 8.07 min Scan# 541

Delta R.T. -0.01 min

Lab File: BF093438.D

Acq: 8 Mar 2017 19:45

Instrument :

BNA_F

ClientSampleId :

PB97449BSD

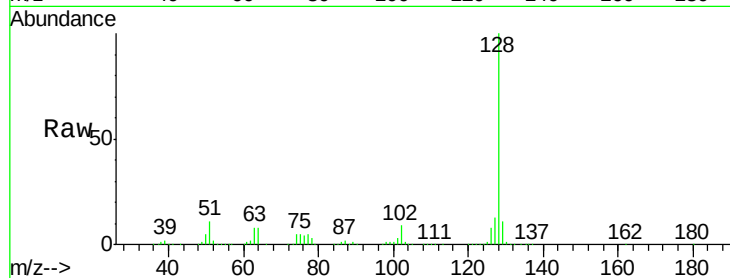
Tgt Ion:128 Resp: 1314197

Ion Ratio Lower Upper

128 100

129 11.1 9.5 14.3

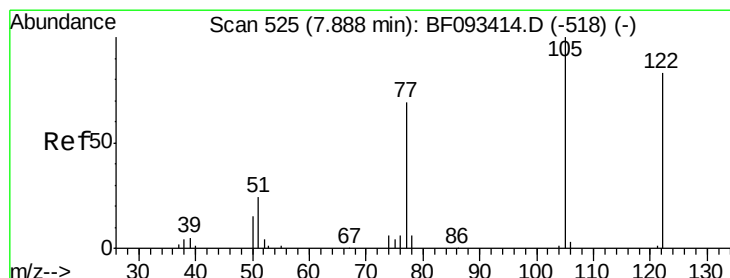
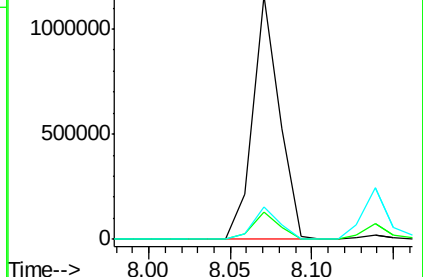
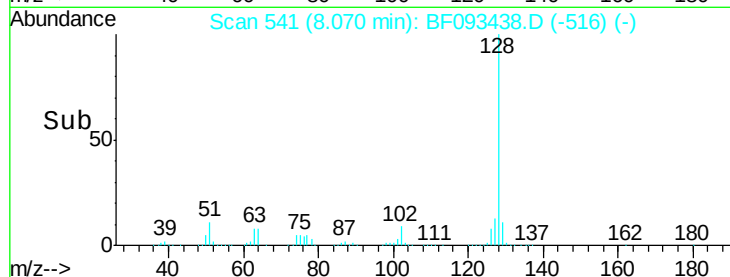
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.01 ng

RT: 7.89 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF093438.D

Acq: 8 Mar 2017 19:45

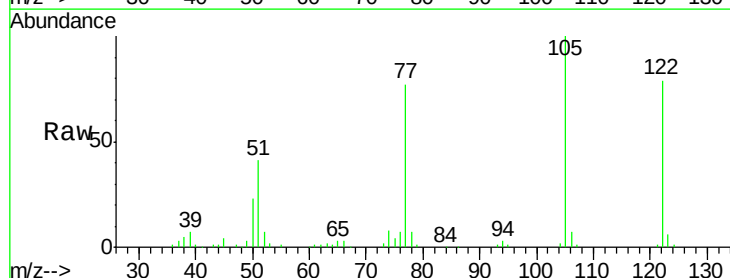
Tgt Ion:122 Resp: 226943

Ion Ratio Lower Upper

122 100

105 126.6 107.2 147.2

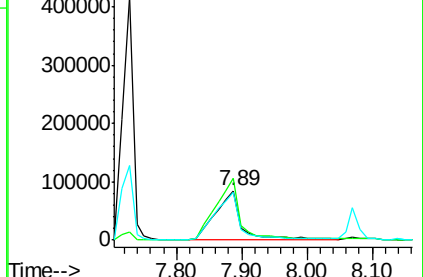
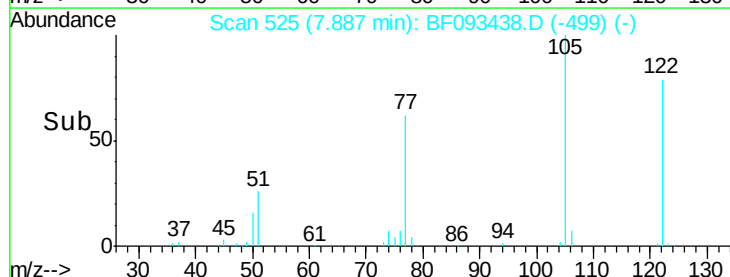
77 97.8 74.5 114.5

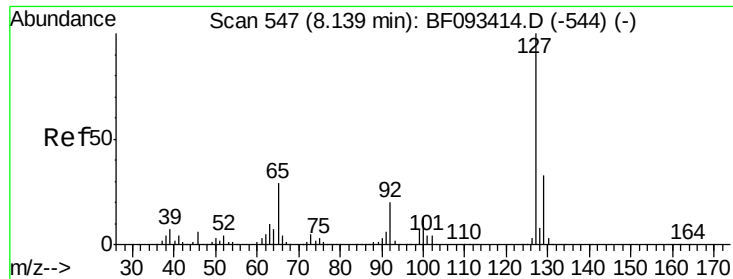


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

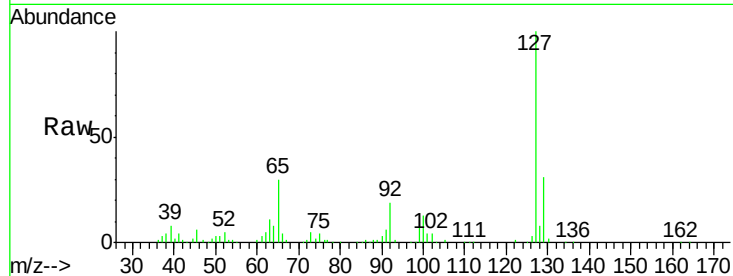




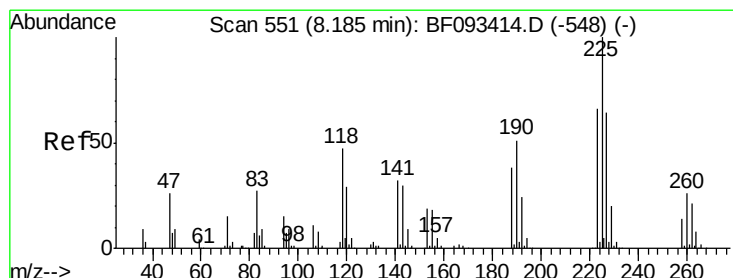
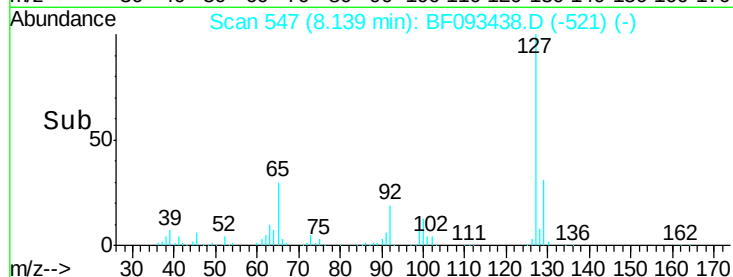
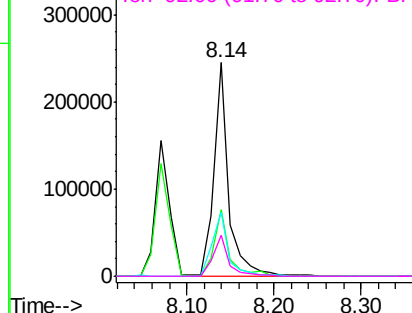
#33
4-Chloroaniline
Concen: 20.07 ng
RT: 8.14 min Scan# 547
Delta R.T. -0.00 min
Lab File: BF093438.D
Acq: 8 Mar 2017 19:45

Instrument :
BNA_F
ClientSampleId :
PB97449BSD

Tgt Ion:	127	Resp:	289155
Ion	Ratio	Lower	Upper
127	100		
129	31.2	26.3	39.5
65	30.3	25.8	38.8
92	19.4	16.1	24.1

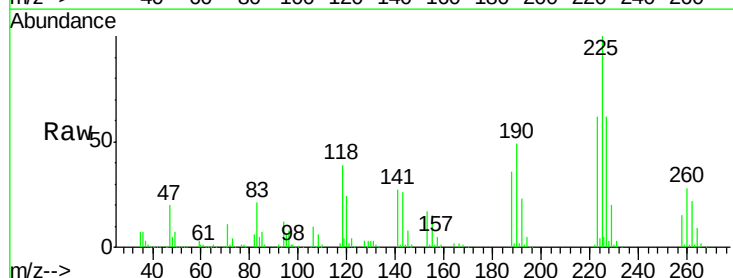


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

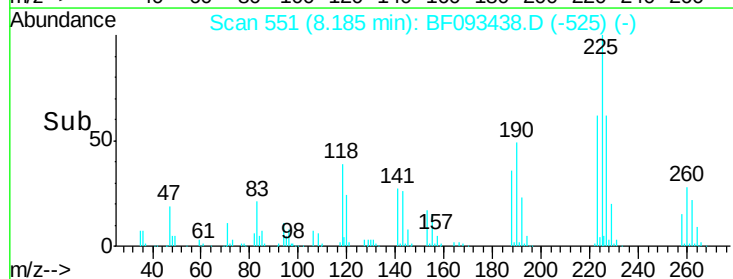
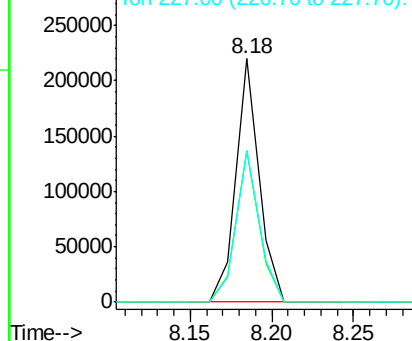


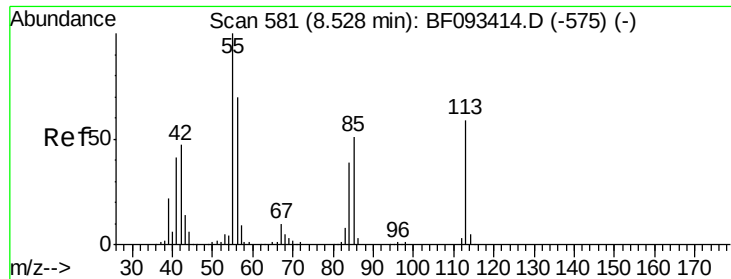
#34
Hexachlorobutadiene
Concen: 39.15 ng
RT: 8.18 min Scan# 551
Delta R.T. -0.00 min
Lab File: BF093438.D
Acq: 8 Mar 2017 19:45

Tgt Ion:	225	Resp:	214853
Ion	Ratio	Lower	Upper
225	100		
223	62.2	51.0	76.6
227	62.0	50.6	76.0



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

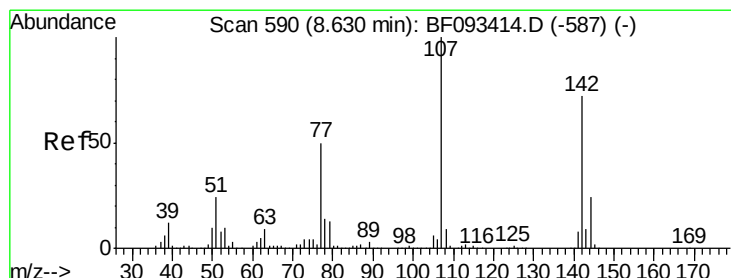
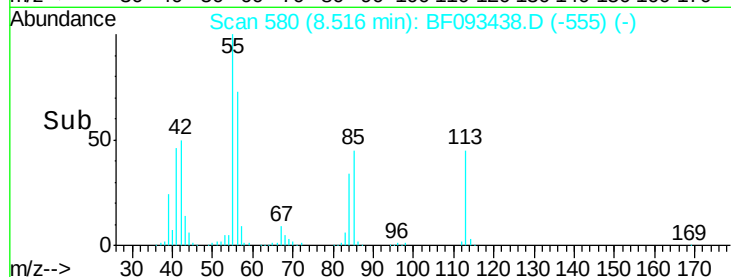
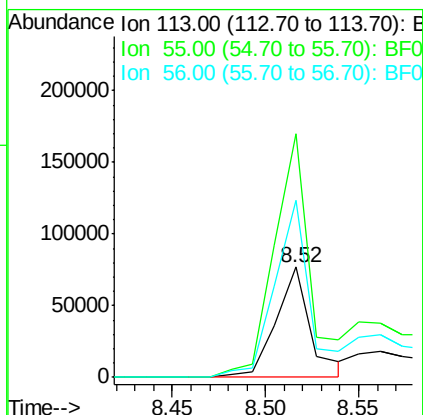
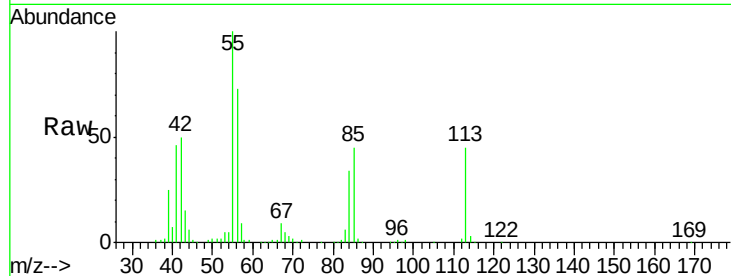




#35
 Caprolactam
 Concen: 28.67 ng
 RT: 8.52 min Scan# 580
 Delta R.T. -0.01 min
 Lab File: BF093438.D
 Acq: 8 Mar 2017 19:45

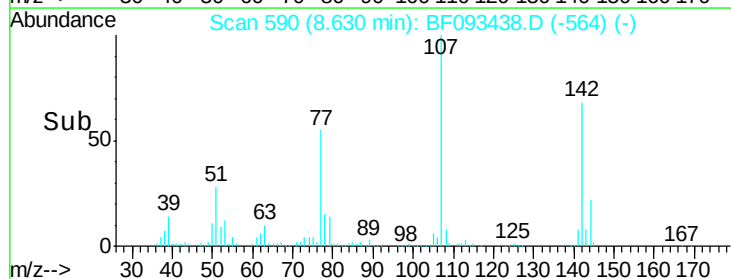
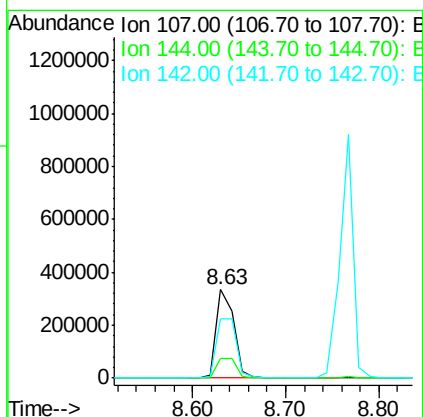
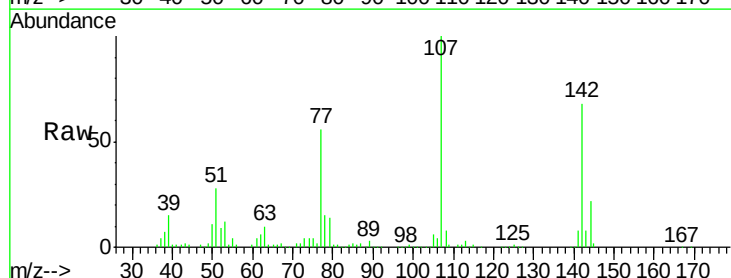
Instrument :
 BNA_F
 ClientSampleId :
 PB97449BSD

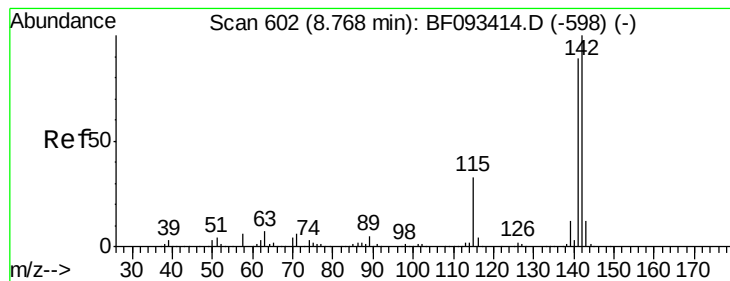
Tgt Ion:113 Resp: 98115
 Ion Ratio Lower Upper
 113 100
 55 221.1 119.2 159.2#
 56 161.1 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 41.20 ng
 RT: 8.63 min Scan# 590
 Delta R.T. -0.00 min
 Lab File: BF093438.D
 Acq: 8 Mar 2017 19:45

Tgt Ion:107 Resp: 440567
 Ion Ratio Lower Upper
 107 100
 144 21.5 19.3 28.9
 142 67.5 59.0 88.6





#37

2-Methylnaphthalene

Concen: 41.00 ng

RT: 8.77 min Scan# 602

Delta R.T. -0.00 min

Lab File: BF093438.D

Acq: 8 Mar 2017 19:45

Instrument :

BNA_F

ClientSampleId :

PB97449BSD

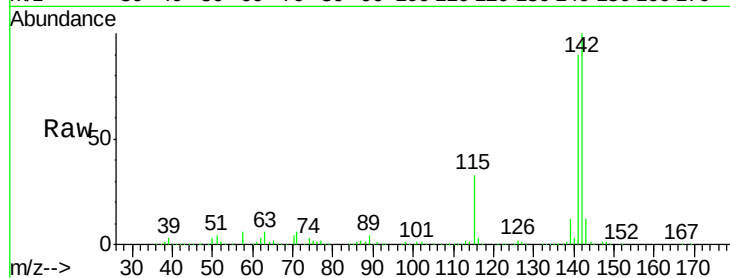
Tgt Ion:142 Resp: 925943

Ion Ratio Lower Upper

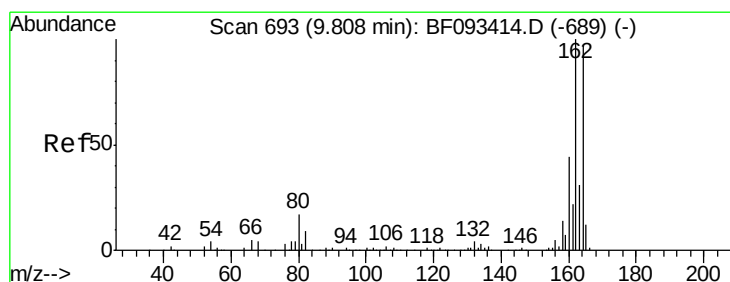
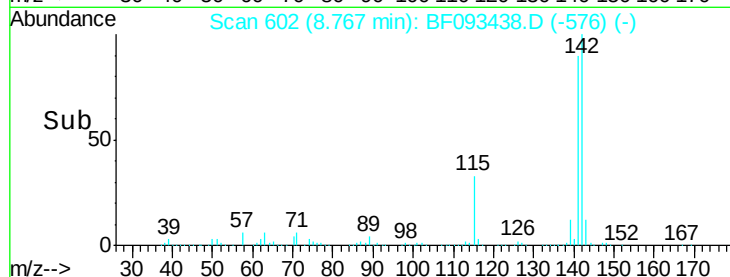
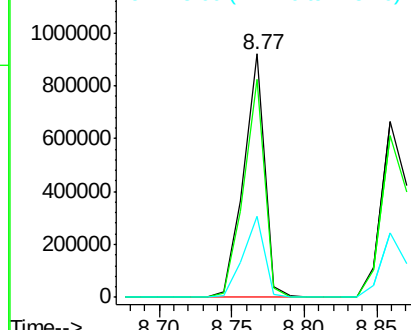
142 100

141 89.6 71.0 106.6

115 33.1 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: BF093438.D

Acq: 8 Mar 2017 19:45

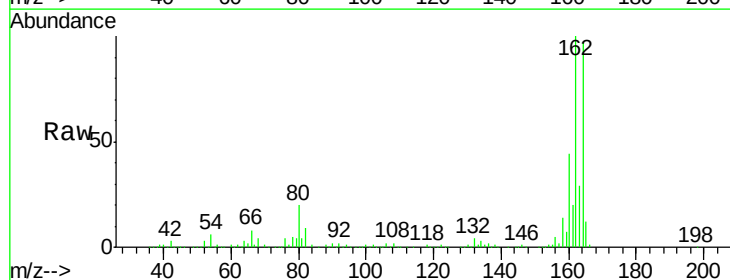
Tgt Ion:164 Resp: 345857

Ion Ratio Lower Upper

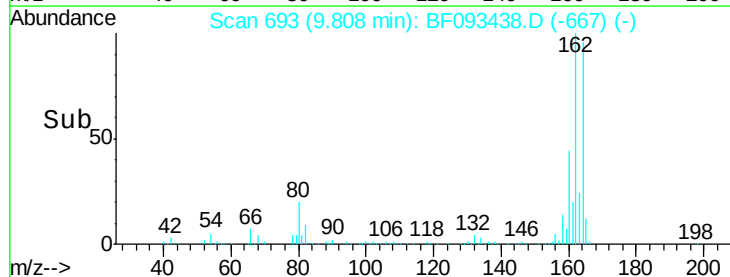
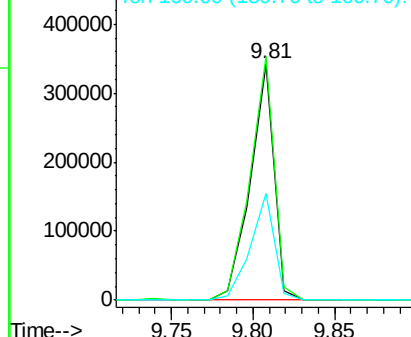
164 100

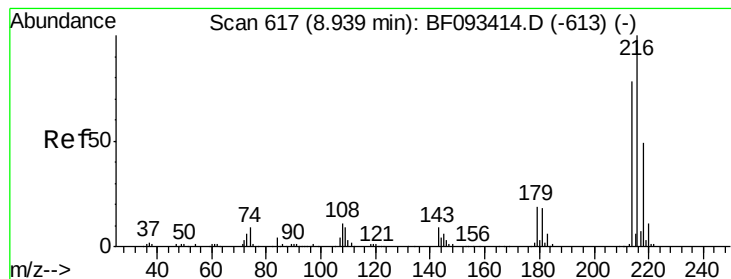
162 103.0 80.2 120.2

160 45.3 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: 42.55 ng

RT: 8.94 min Scan# 617

Delta R.T. -0.00 min

Lab File: BF093438.D

Acq: 8 Mar 2017 19:45

Instrument :

BNA_F

ClientSampleId :

PB97449BSD

Tgt Ion:216 Resp: 401875

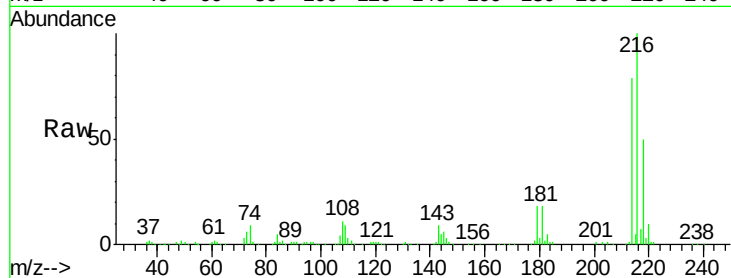
Ion Ratio Lower Upper

216 100

214 79.5 63.4 95.0

179 21.4 17.4 26.2

108 21.3 15.6 23.4

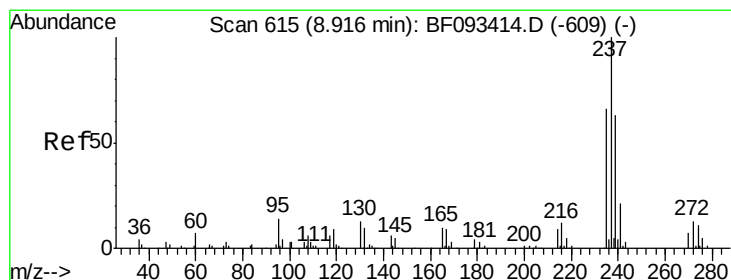
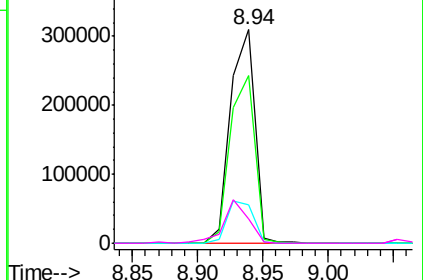
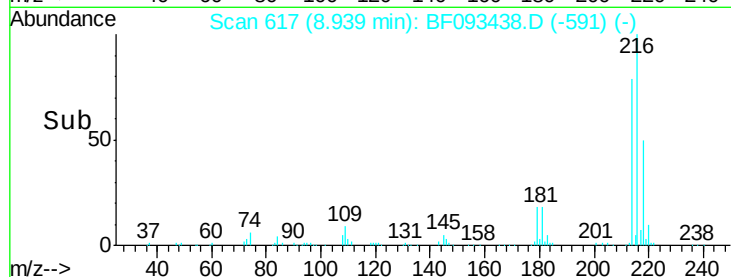


Abundance Ion 216.00 (215.70 to 216.70): E

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: 89.77 ng

RT: 8.92 min Scan# 615

Delta R.T. -0.00 min

Lab File: BF093438.D

Acq: 8 Mar 2017 19:45

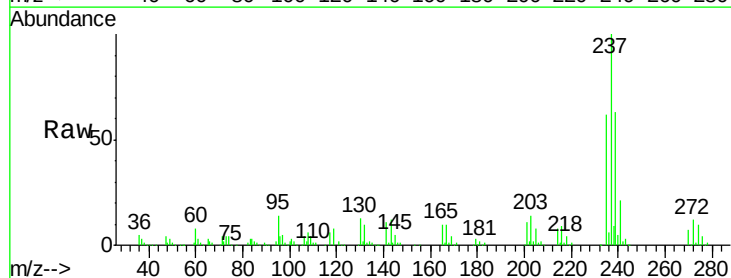
Tgt Ion:237 Resp: 218060

Ion Ratio Lower Upper

237 100

235 62.4 41.2 81.2

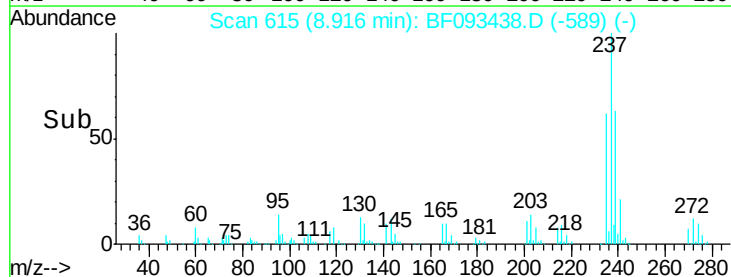
272 12.2 0.0 35.4



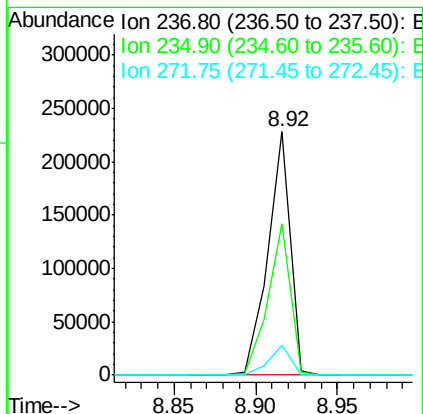
Abundance Ion 236.80 (236.50 to 237.50): E

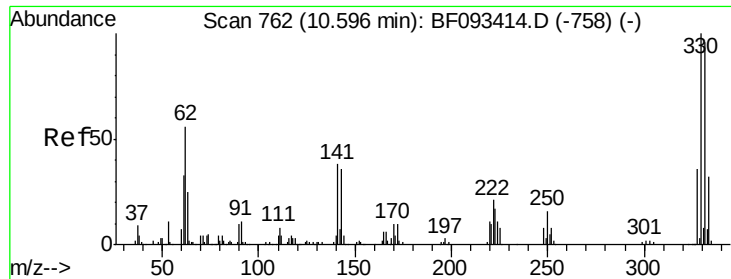
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

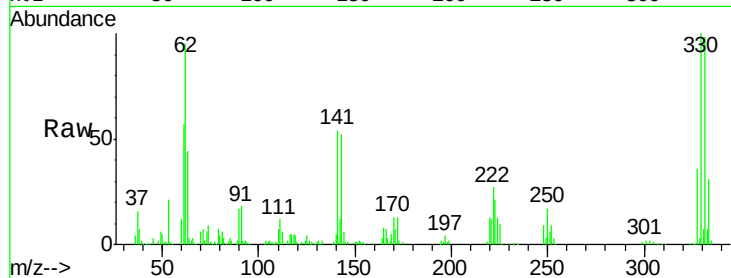




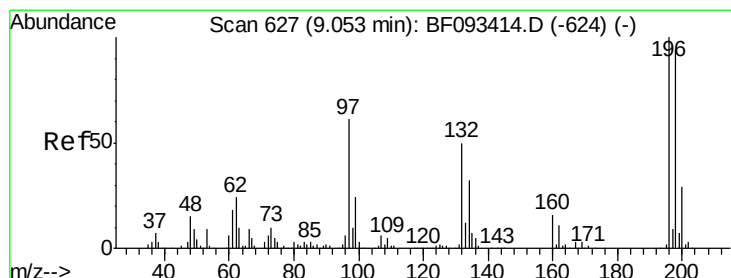
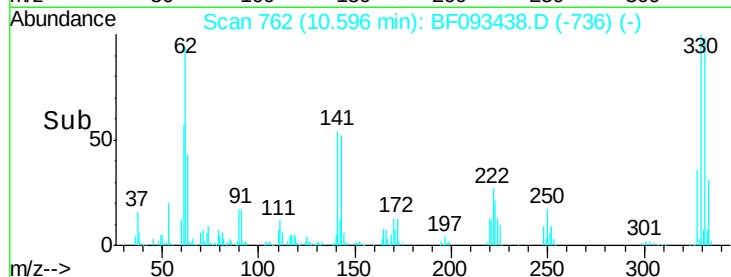
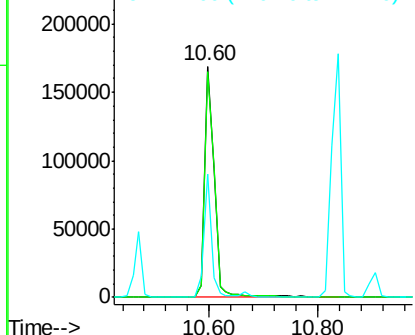
#41
 2,4,6-Tribromophenol
 Concen: 91.95 ng
 RT: 10.60 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF093438.D
 Acq: 8 Mar 2017 19:45

Instrument :
 BNA_F
 ClientSampleId :
 PB97449BSD

Tgt Ion:330 Resp: 207197
 Ion Ratio Lower Upper
 330 100
 332 99.0 77.4 116.2
 141 42.2 34.1 51.1

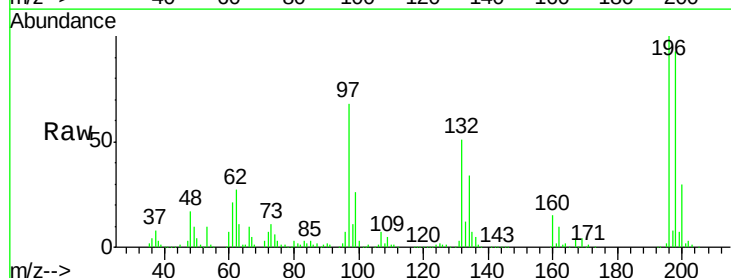


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

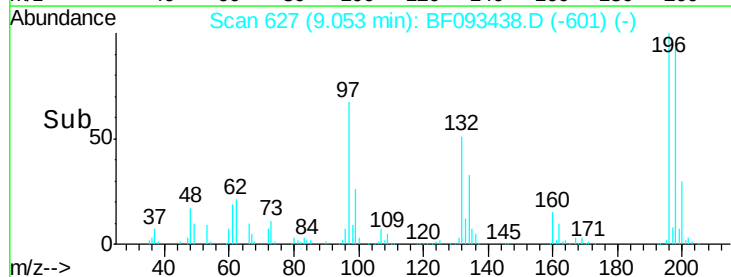
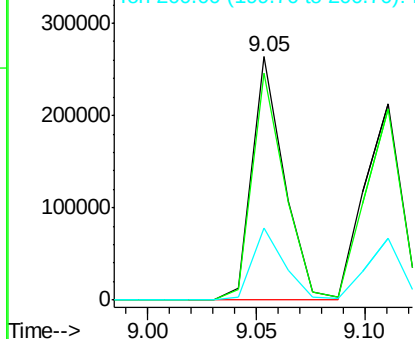


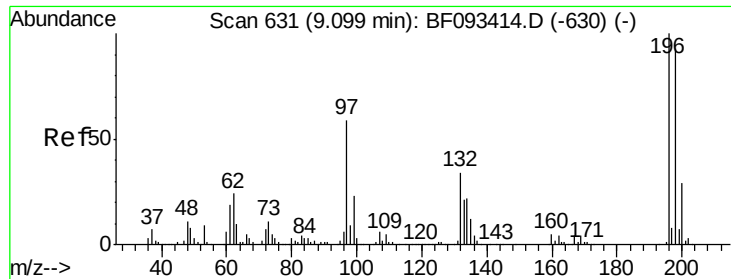
#42
 2,4,6-Trichlorophenol
 Concen: 46.14 ng
 RT: 9.05 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: BF093438.D
 Acq: 8 Mar 2017 19:45

Tgt Ion:196 Resp: 272250
 Ion Ratio Lower Upper
 196 100
 198 93.2 82.1 123.1
 200 29.7 27.0 40.4



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

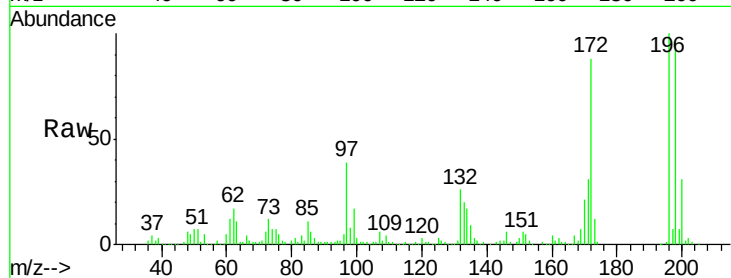




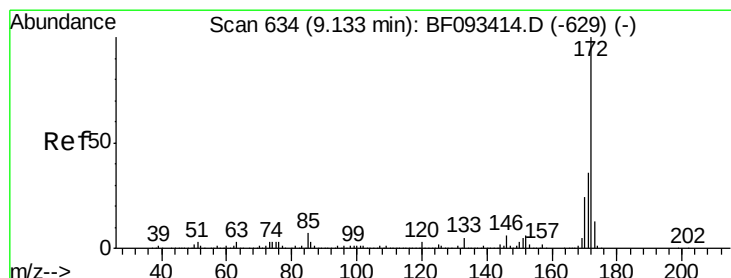
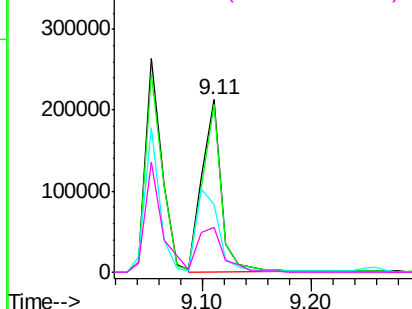
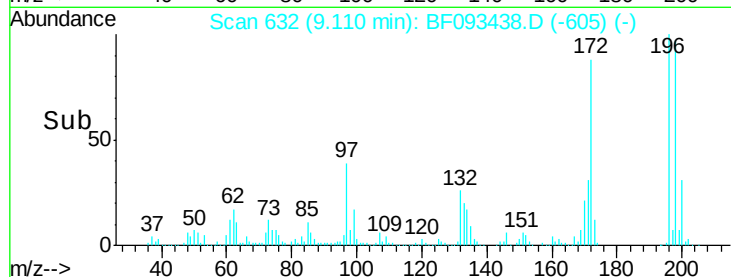
#43
 2,4,5-Trichlorophenol
 Concen: 41.92 ng
 RT: 9.11 min Scan# 632
 Delta R.T. 0.01 min
 Lab File: BF093438.D
 Acq: 8 Mar 2017 19:45

Instrument :
 BNA_F
 ClientSampleId :
 PB97449BSD

Tgt Ion:196 Resp: 265424
 Ion Ratio Lower Upper
 196 100
 198 97.4 79.4 119.2
 97 39.4 51.5 77.3#
 132 25.6 27.4 41.2#

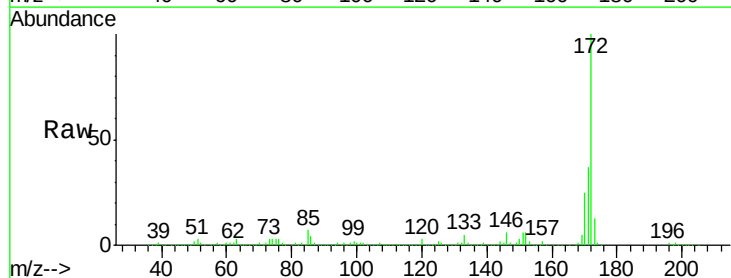


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

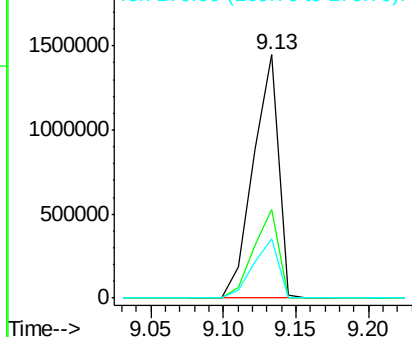
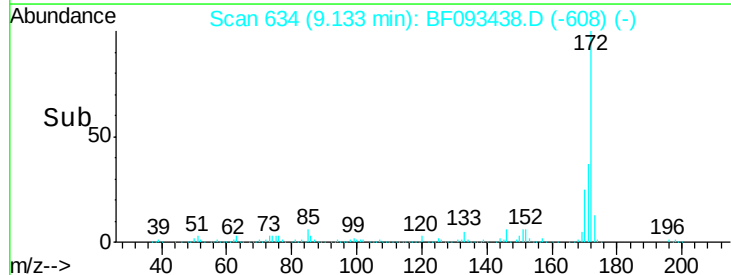


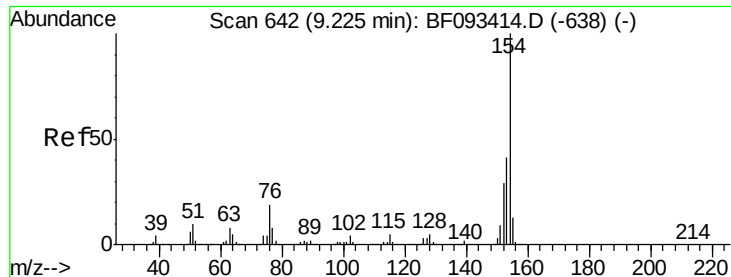
#44
 2-Fluorobiphenyl
 Concen: 93.97 ng
 RT: 9.13 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF093438.D
 Acq: 8 Mar 2017 19:45

Tgt Ion:172 Resp: 1747284
 Ion Ratio Lower Upper
 172 100
 171 36.6 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

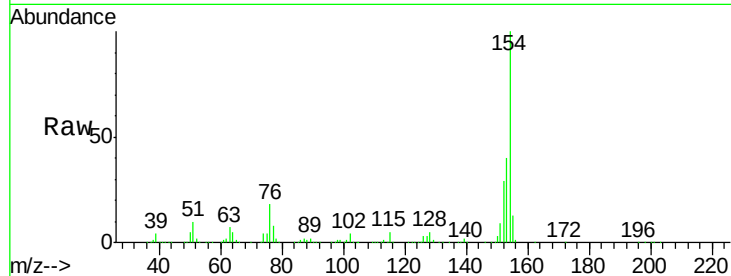




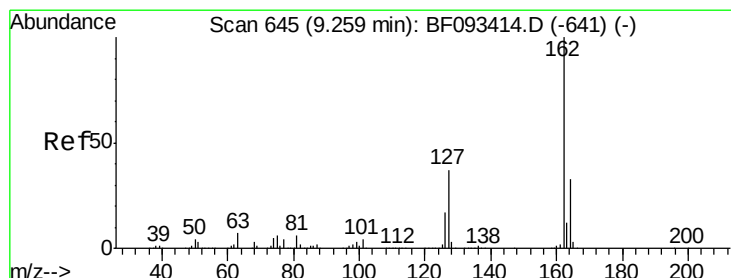
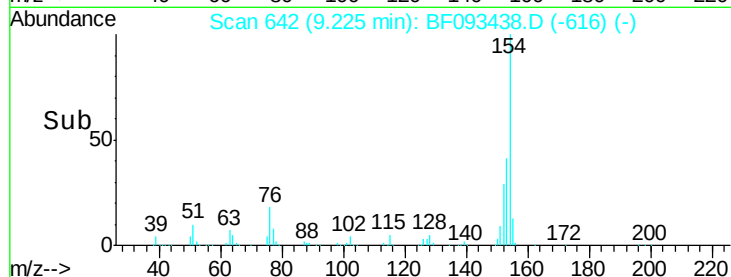
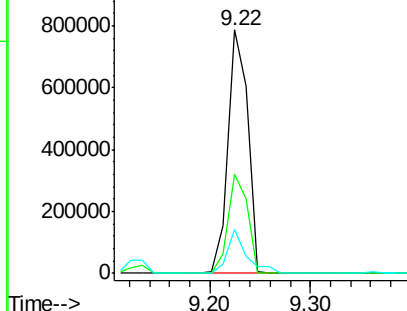
#45
 1,1'-Biphenyl
 Concen: 42.55 ng
 RT: 9.22 min Scan# 642
 Delta R.T. -0.00 min
 Lab File: BF093438.D
 Acq: 8 Mar 2017 19:45

Instrument :
 BNA_F
 ClientSampleId :
 PB97449BSD

Tgt Ion:154 Resp: 1071935
 Ion Ratio Lower Upper
 154 100
 153 40.4 20.9 60.9
 76 18.0 0.0 30.5

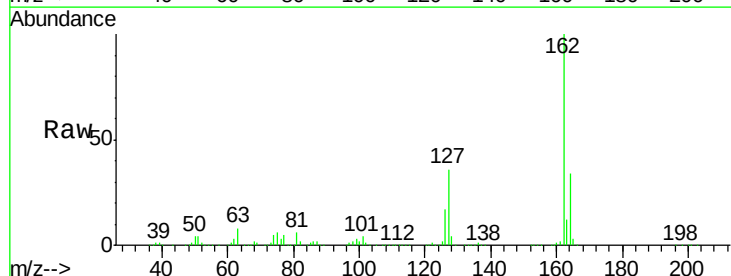


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

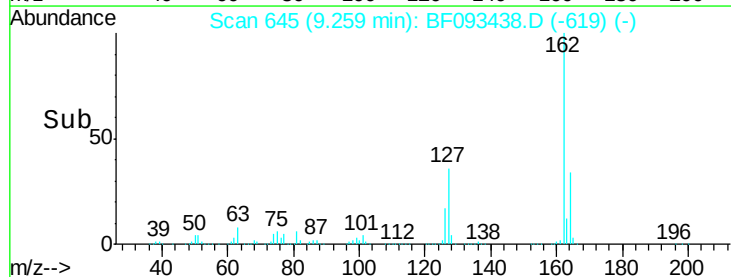
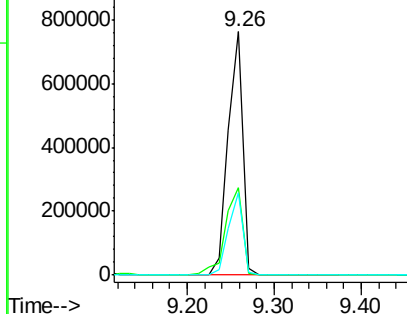


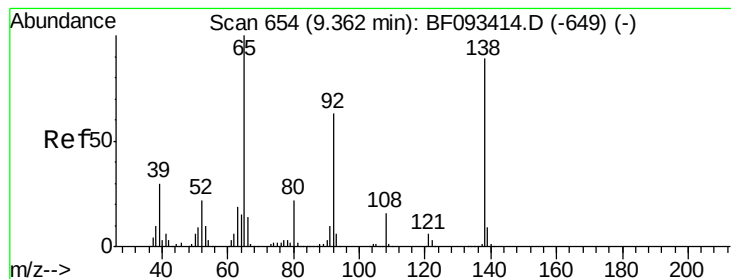
#46
 2-Chloronaphthalene
 Concen: 46.07 ng
 RT: 9.26 min Scan# 645
 Delta R.T. -0.00 min
 Lab File: BF093438.D
 Acq: 8 Mar 2017 19:45

Tgt Ion:162 Resp: 888412
 Ion Ratio Lower Upper
 162 100
 127 36.0 30.7 46.1
 164 33.9 27.6 41.4



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





#47

2-Nitroaniline

Concen: 45.77 ng

RT: 9.36 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF093438.D

Acq: 8 Mar 2017 19:45

Instrument :

BNA_F

ClientSampleId :

PB97449BSD

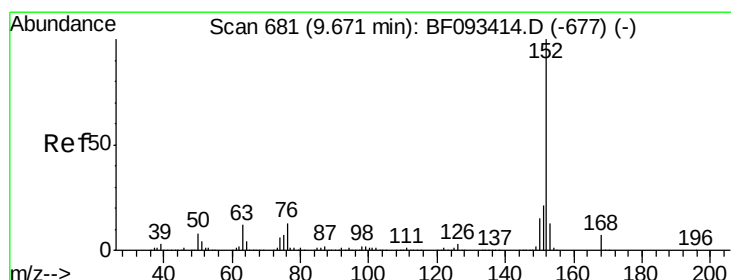
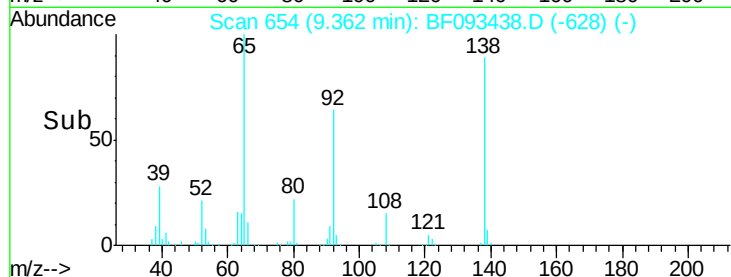
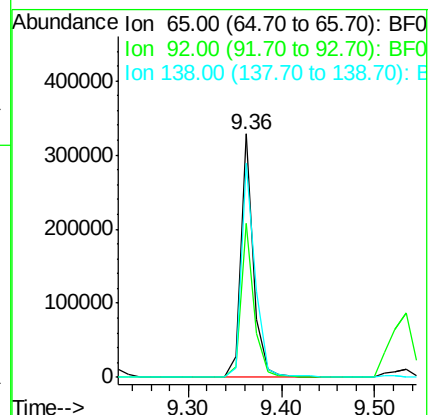
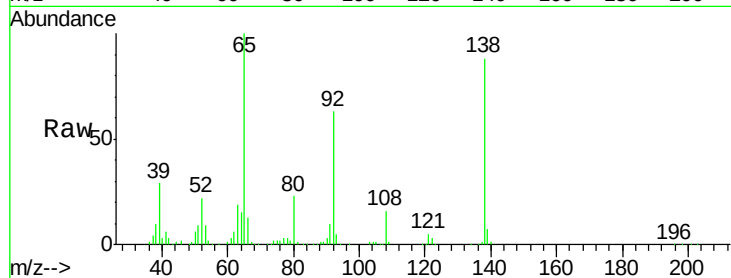
Tgt Ion: 65 Resp: 312054

Ion Ratio Lower Upper

65 100

92 63.3 53.9 80.9

138 88.1 76.8 115.2



#48

Acenaphthylene

Concen: 42.56 ng

RT: 9.67 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF093438.D

Acq: 8 Mar 2017 19:45

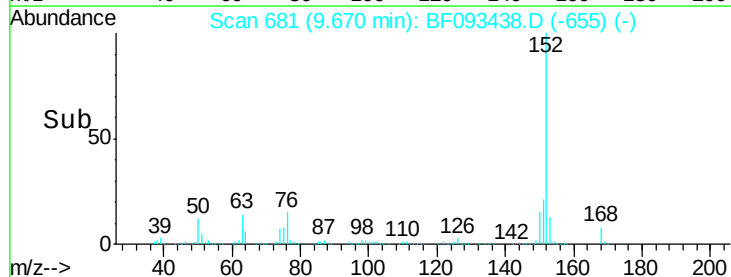
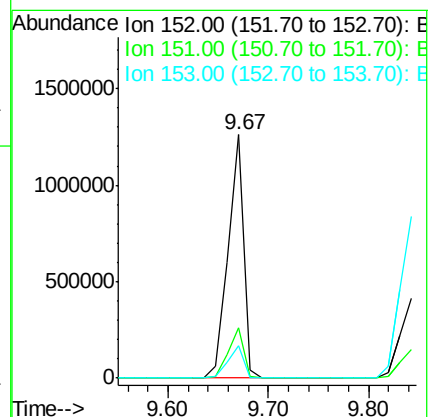
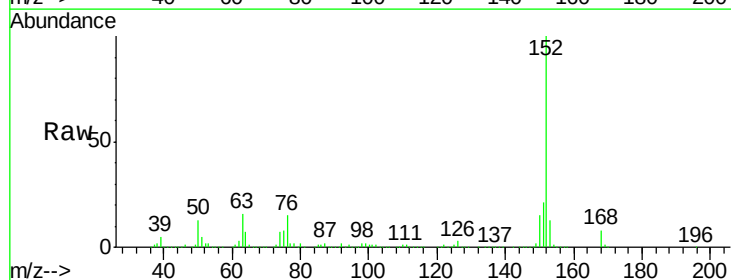
Tgt Ion: 152 Resp: 1353539

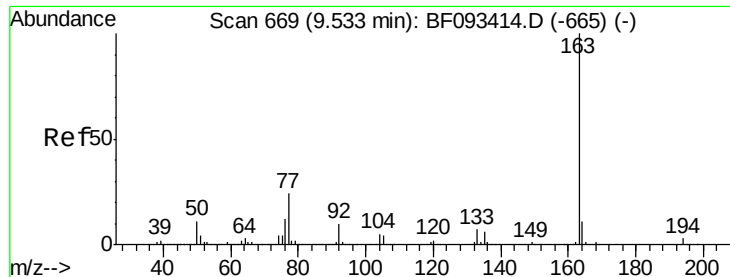
Ion Ratio Lower Upper

152 100

151 20.8 16.9 25.3

153 13.2 11.4 17.2





#49

Dimethylphthalate

Concen: 44.61 ng

RT: 9.53 min Scan# 669

Delta R.T. -0.00 min

Lab File: BF093438.D

Acq: 8 Mar 2017 19:45

Instrument :

BNA_F

ClientSampleId :

PB97449BSD

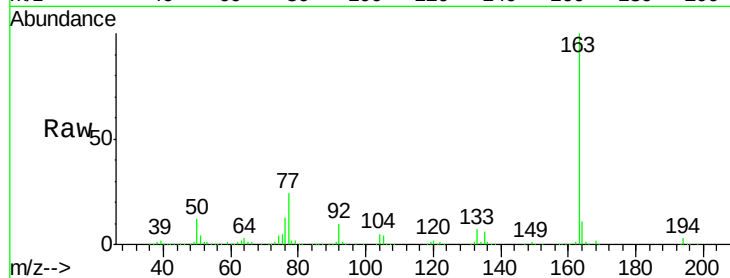
Tgt Ion:163 Resp: 1022741

Ion Ratio Lower Upper

163 100

194 3.3 3.0 4.4

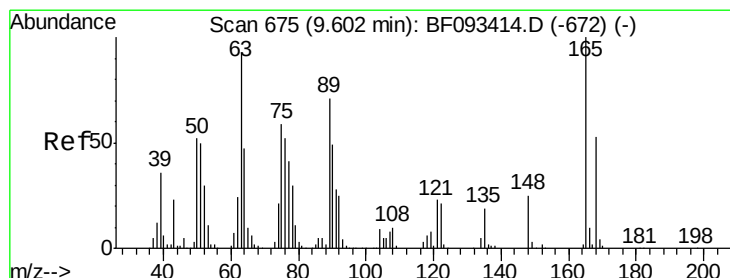
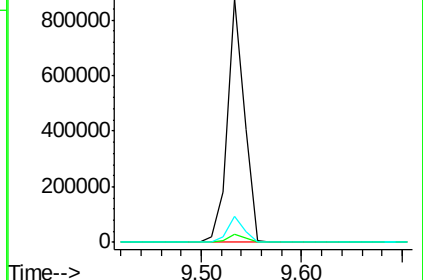
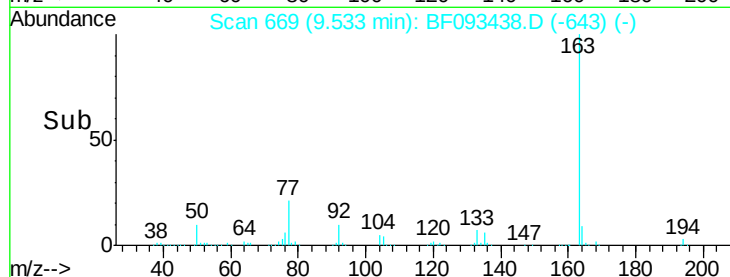
164 10.6 8.0 12.0



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: 42.92 ng

RT: 9.60 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF093438.D

Acq: 8 Mar 2017 19:45

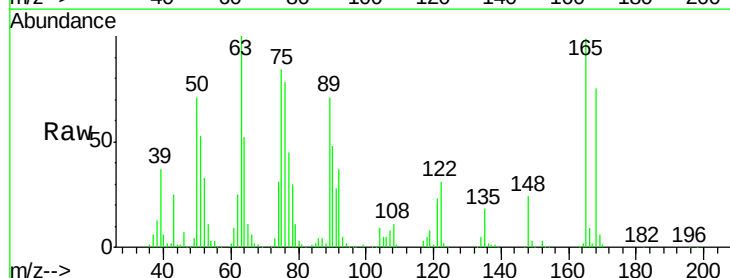
Tgt Ion:165 Resp: 215962

Ion Ratio Lower Upper

165 100

63 100.6 36.2 54.4#

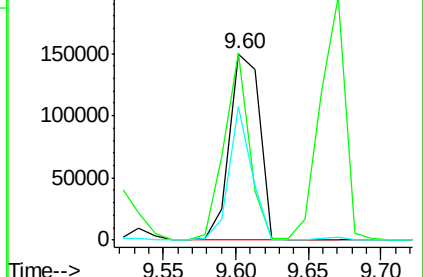
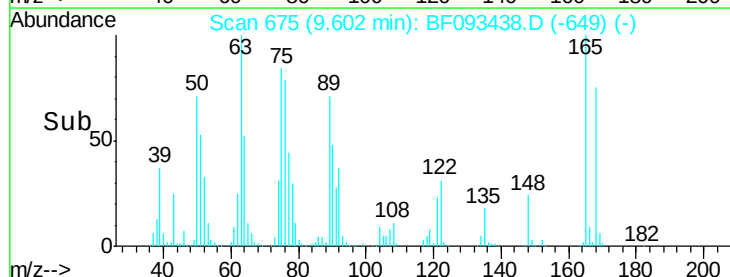
89 71.7 40.2 60.4#

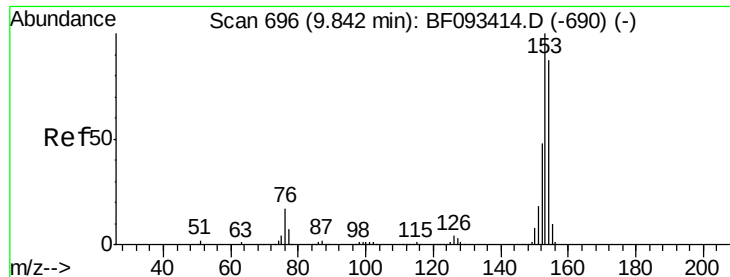


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 44.27 ng

RT: 9.84 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF093438.D

Acq: 8 Mar 2017 19:45

Instrument :

BNA_F

ClientSampleId :

PB97449BSD

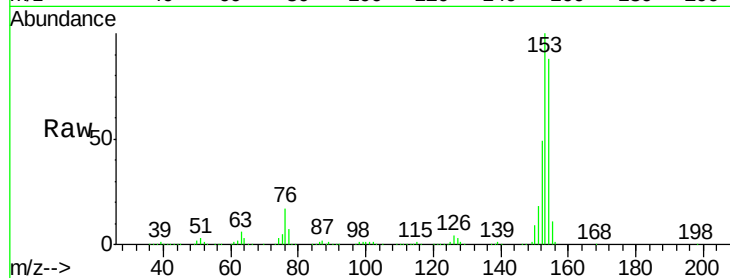
Tgt Ion:154 Resp: 832641

Ion Ratio Lower Upper

154 100

153 113.1 88.6 133.0

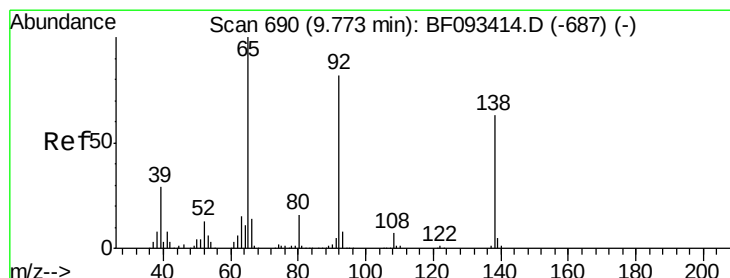
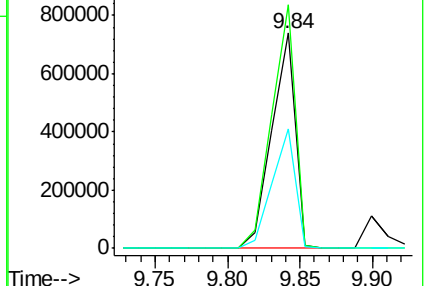
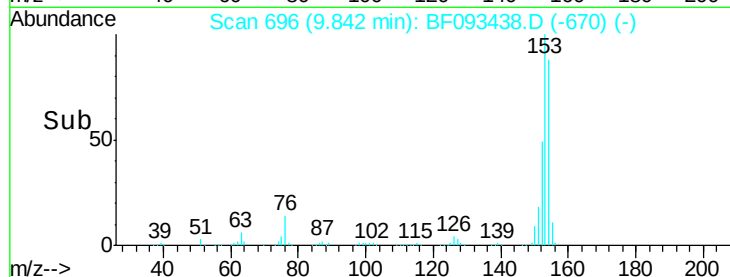
152 55.7 41.6 62.4



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: 25.64 ng

RT: 9.77 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF093438.D

Acq: 8 Mar 2017 19:45

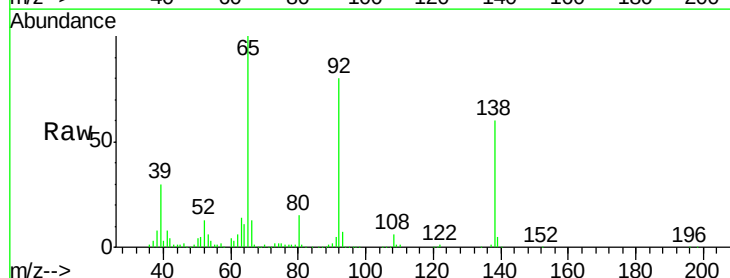
Tgt Ion:138 Resp: 154967

Ion Ratio Lower Upper

138 100

108 10.7 8.5 12.7

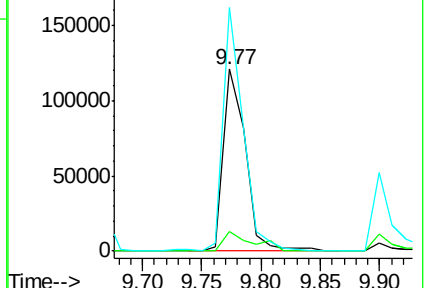
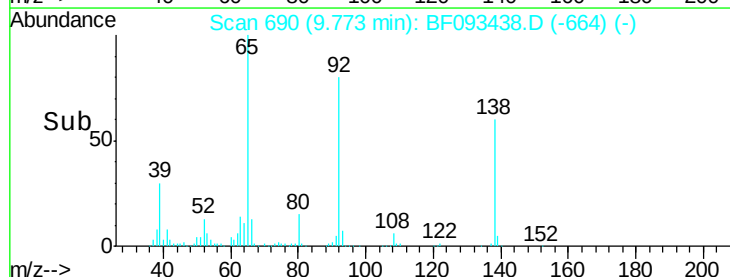
92 133.7 97.8 146.8

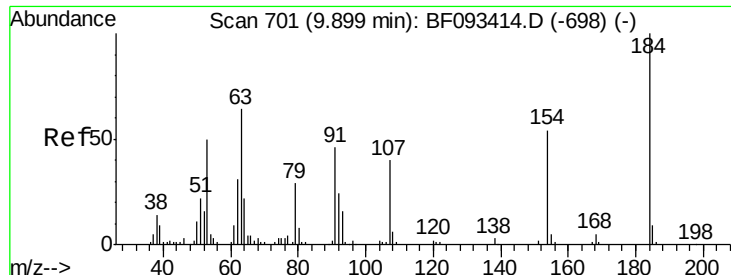


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

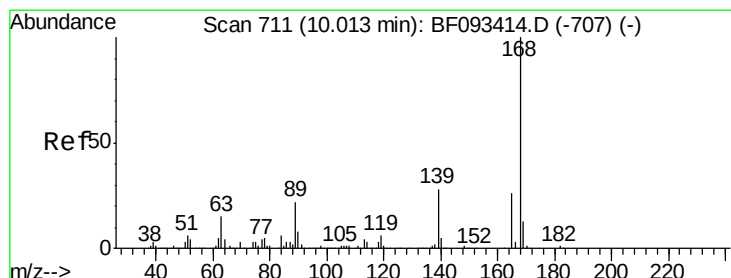
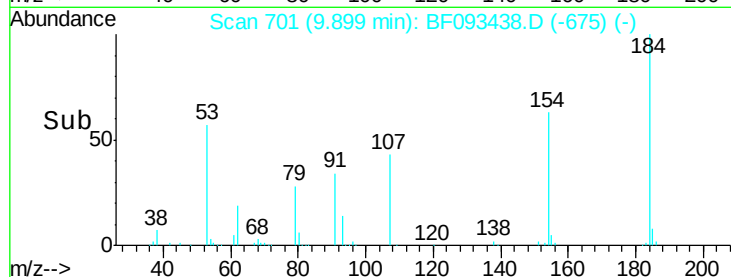
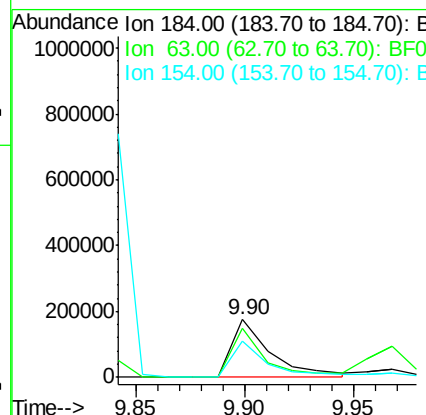
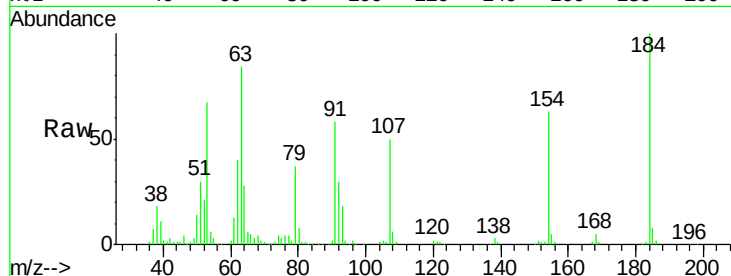




#53
2,4-Dinitrophenol
Concen: 95.38 ng
RT: 9.90 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF093438.D
Acq: 8 Mar 2017 19:45

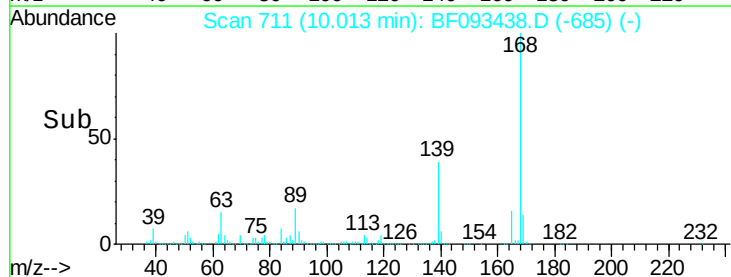
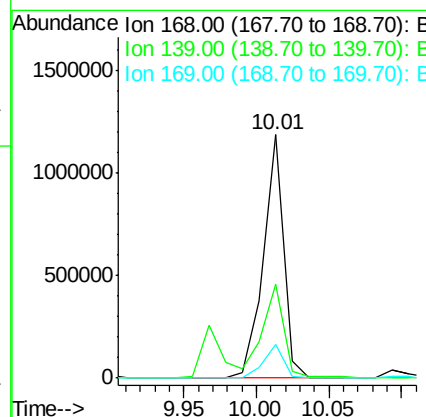
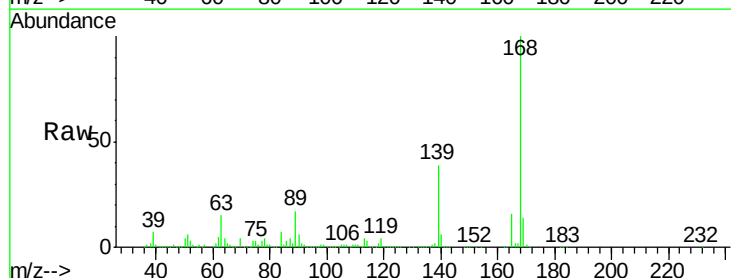
Instrument :
BNA_F
ClientSampleId :
PB97449BSD

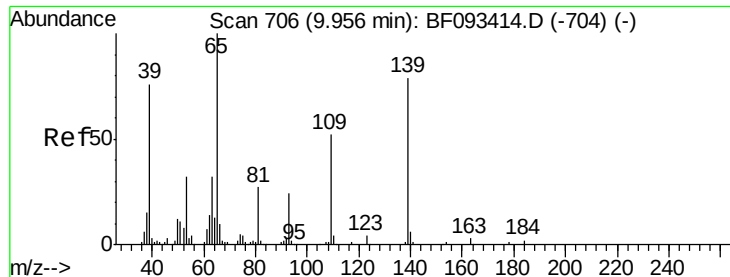
Tgt Ion:184 Resp: 218544
Ion Ratio Lower Upper
184 100
63 83.9 28.4 42.6#
154 62.9 44.3 66.5



#54
Dibenzofuran
Concen: 48.67 ng
RT: 10.01 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF093438.D
Acq: 8 Mar 2017 19:45

Tgt Ion:168 Resp: 1145851
Ion Ratio Lower Upper
168 100
139 38.7 32.6 49.0
169 13.8 11.3 16.9





#55

4-Nitrophenol

Concen: 91.27 ng

RT: 9.97 min Scan# 707

Delta R.T. 0.01 min

Lab File: BF093438.D

Acq: 8 Mar 2017 19:45

Instrument :

BNA_F

ClientSampleId :

PB97449BSD

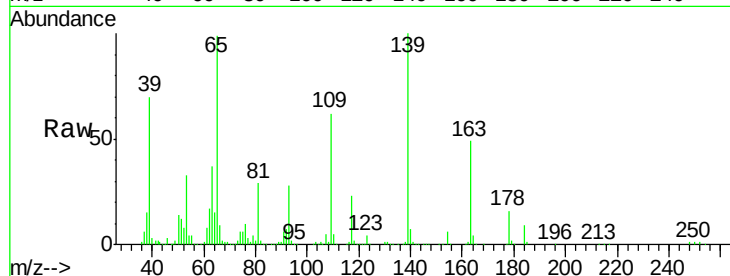
Tgt Ion:139 Resp: 267944

Ion Ratio Lower Upper

139 100

109 61.6 52.2 92.2

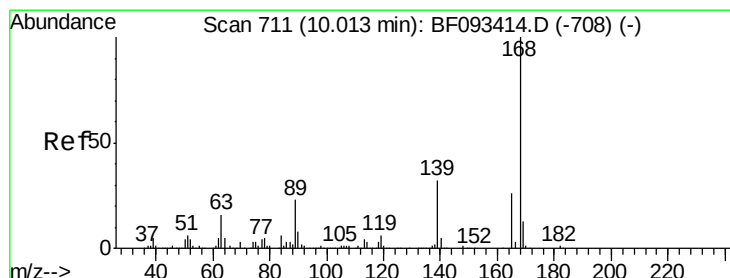
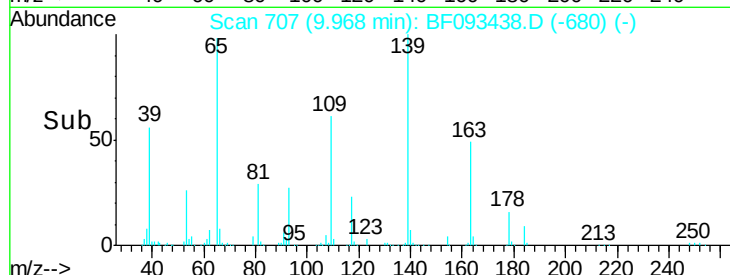
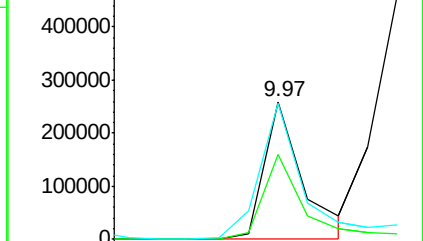
65 99.1 85.8 125.8



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: 44.53 ng

RT: 10.02 min Scan# 712

Delta R.T. 0.01 min

Lab File: BF093438.D

Acq: 8 Mar 2017 19:45

Tgt Ion:165 Resp: 275218

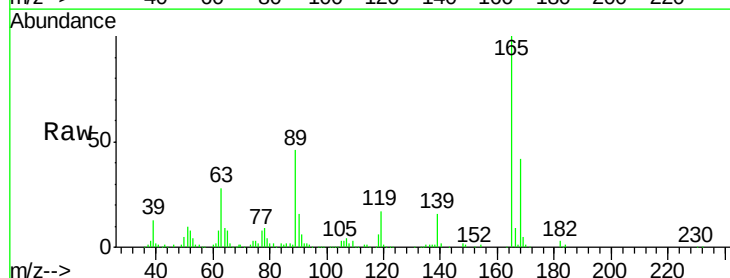
Ion Ratio Lower Upper

165 100

63 27.9 40.2 60.4#

89 45.8 62.5 93.7#

182 2.6 1.8 2.8

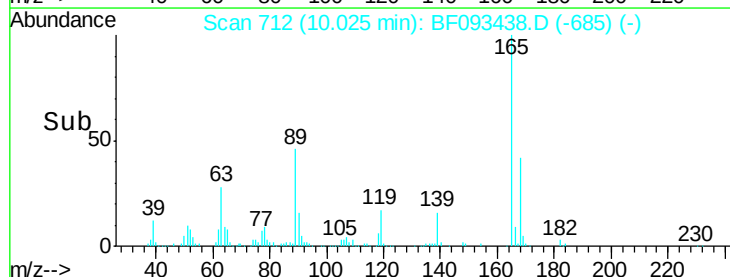
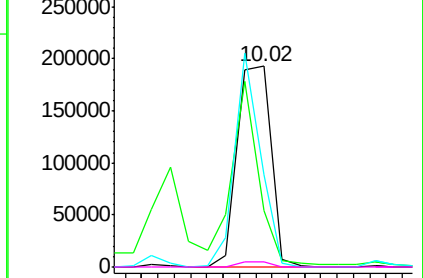


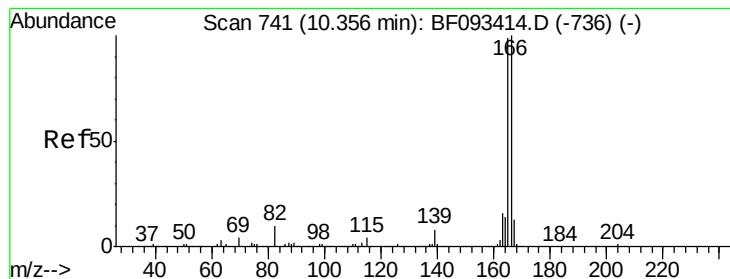
Abundance Ion 165.00 (164.70 to 165.70): E

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: 46.50 ng

RT: 10.36 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF093438.D

Acq: 8 Mar 2017 19:45

Instrument :

BNA_F

ClientSampleId :

PB97449BSD

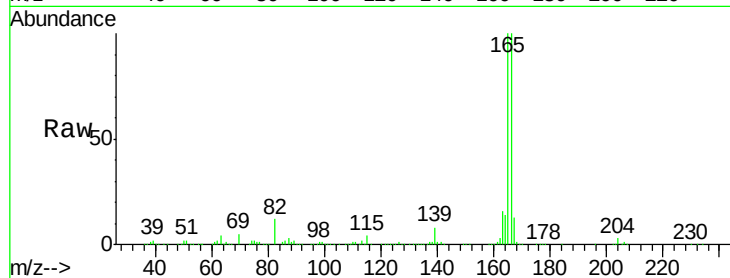
Tgt Ion:166 Resp: 927541

Ion Ratio Lower Upper

166 100

165 99.9 77.8 116.8

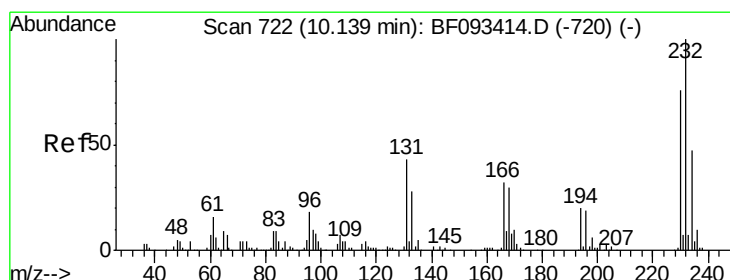
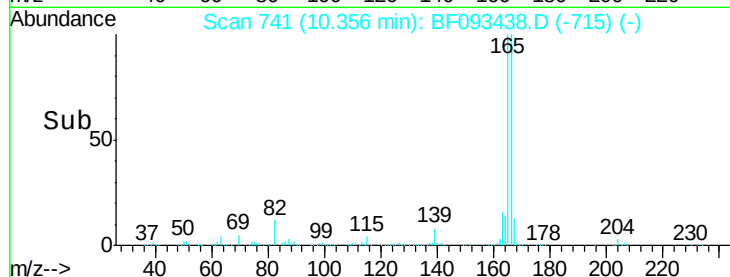
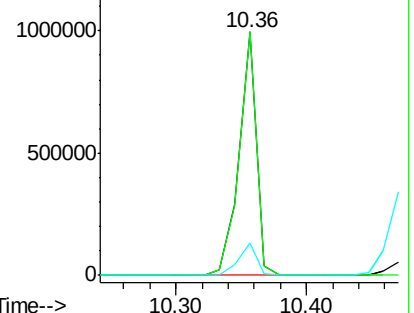
167 13.4 10.8 16.2



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: 49.49 ng

RT: 10.14 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF093438.D

Acq: 8 Mar 2017 19:45

Tgt Ion:232 Resp: 221152

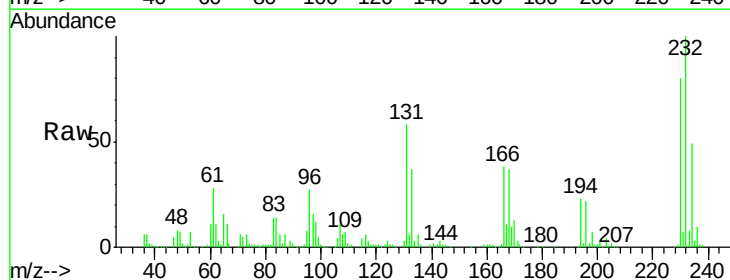
Ion Ratio Lower Upper

232 100

131 50.7 40.1 60.1

130 2.5 1.8 2.8

166 32.0 26.6 39.8

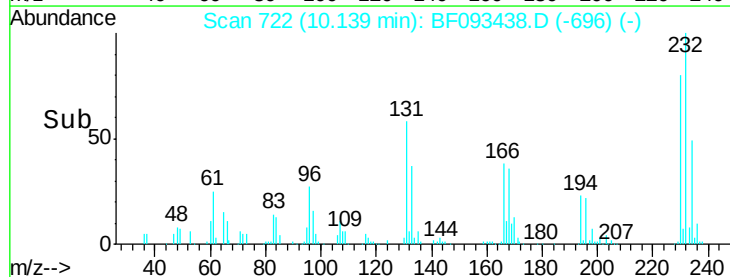
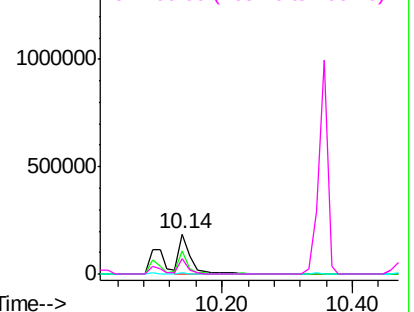


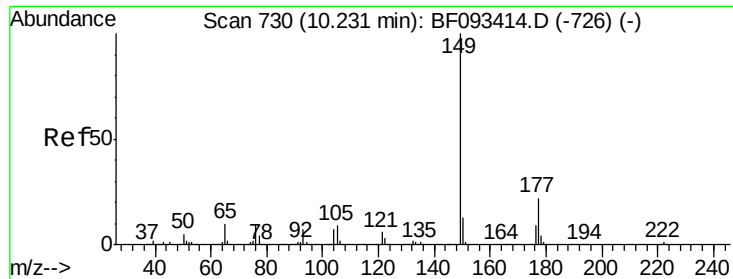
Abundance Ion 232.00 (231.70 to 232.70): E

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

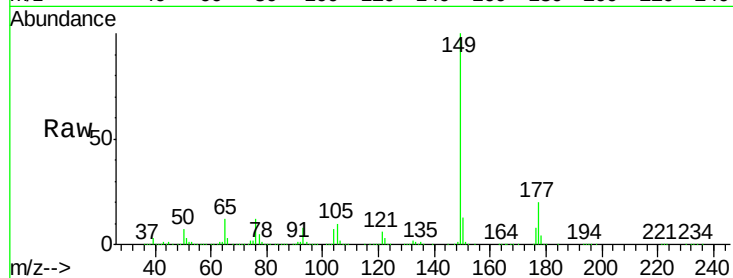




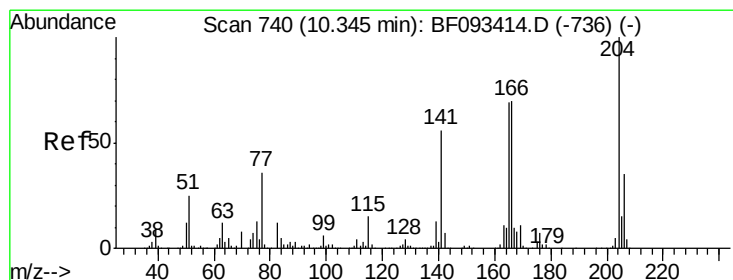
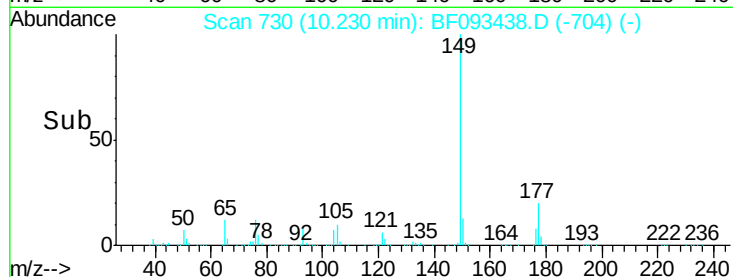
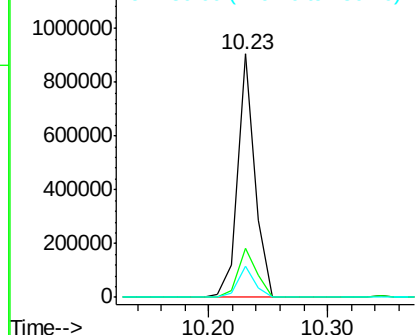
#59
Diethylphthalate
Concen: 41.78 ng
RT: 10.23 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF093438.D
Acq: 8 Mar 2017 19:45

Instrument :
BNA_F
ClientSampleId :
PB97449BSD

Tgt Ion:149 Resp: 915631
Ion Ratio Lower Upper
149 100
177 20.4 16.6 25.0
150 12.7 10.4 15.6

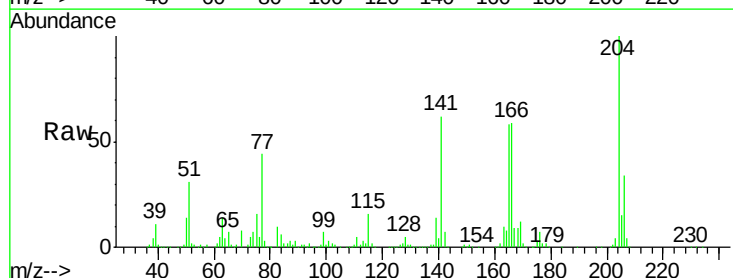


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

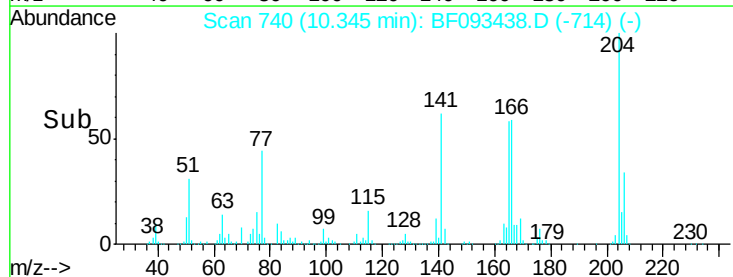
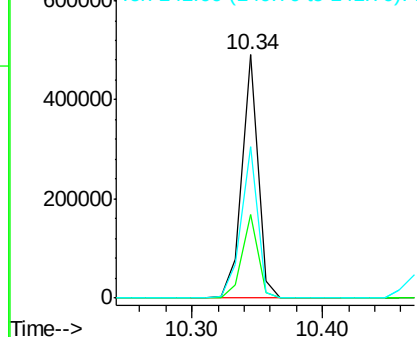


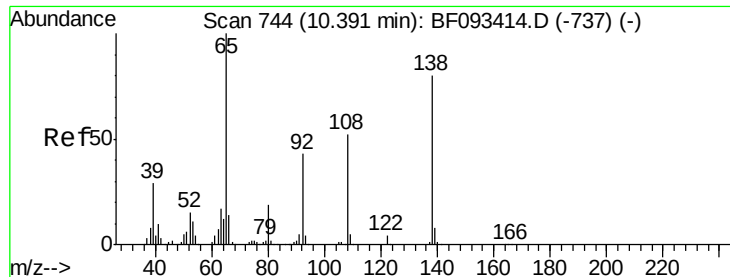
#60
4-Chlorophenyl-phenylether
Concen: 46.75 ng
RT: 10.34 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF093438.D
Acq: 8 Mar 2017 19:45

Tgt Ion:204 Resp: 418017
Ion Ratio Lower Upper
204 100
206 34.4 25.8 38.6
141 62.1 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: 43.63 ng

RT: 10.40 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF093438.D

Acq: 8 Mar 2017 19:45

Instrument :

BNA_F

ClientSampled :

PB97449BSD

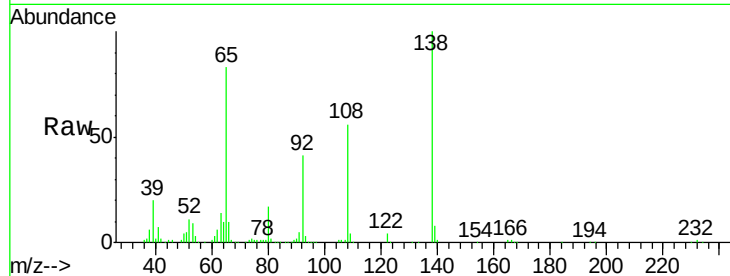
Tgt Ion:138 Resp: 269697

Ion Ratio Lower Upper

138 100

92 41.0 31.7 71.7

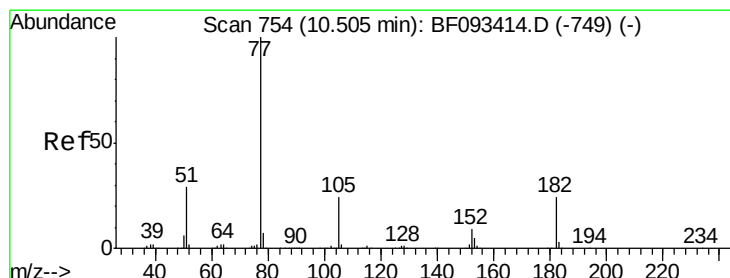
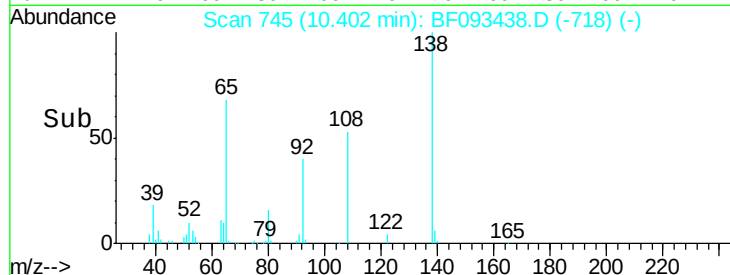
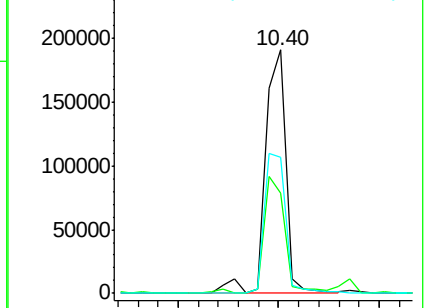
108 56.1 52.6 92.6



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: 49.62 ng

RT: 10.50 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF093438.D

Acq: 8 Mar 2017 19:45

Tgt Ion: 77 Resp: 1235491

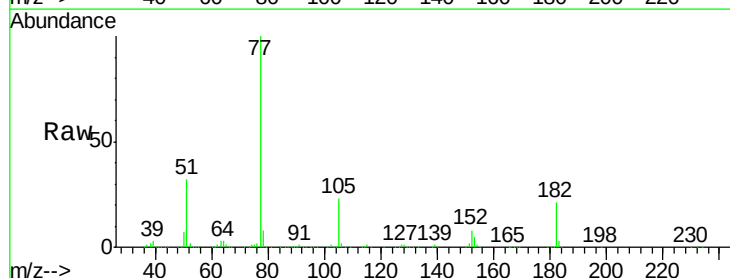
Ion Ratio Lower Upper

77 100

182 20.6 0.0 39.3

105 22.8 2.3 42.3

51 32.0 8.9 48.9

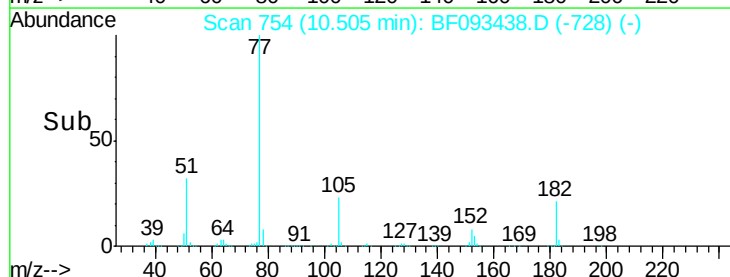
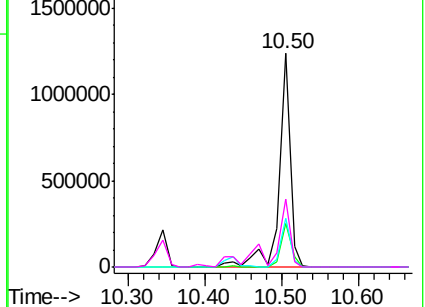


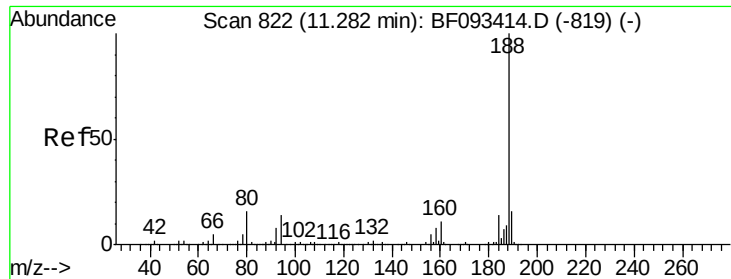
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

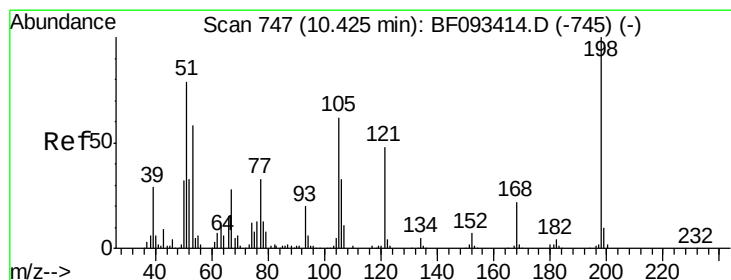
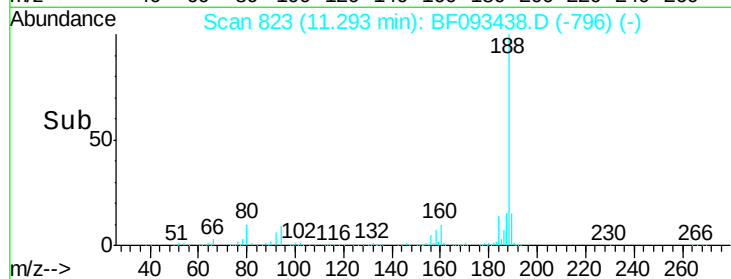
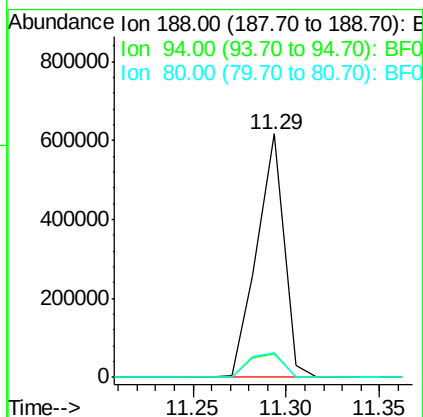
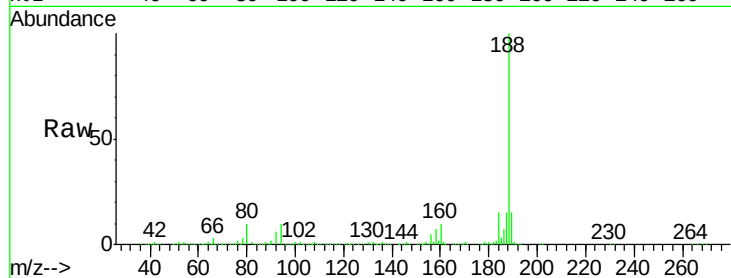




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 823
Delta R.T. 0.01 min
Lab File: BF093438.D
Acq: 8 Mar 2017 19:45

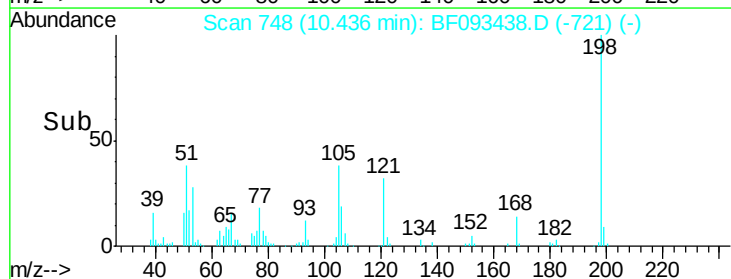
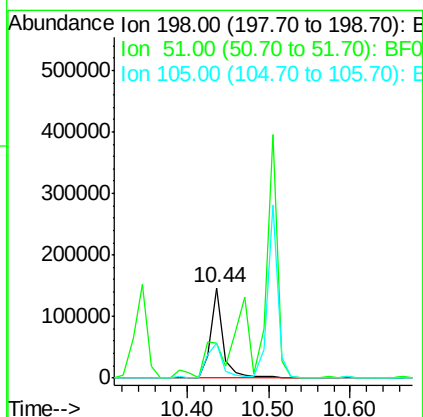
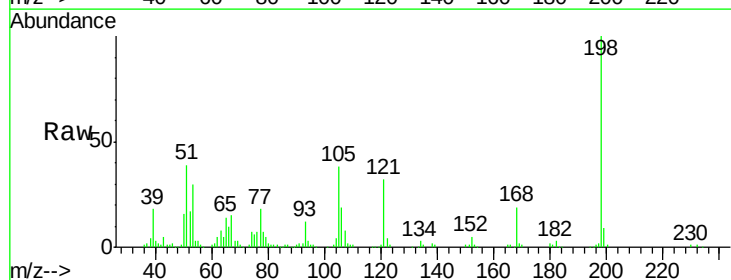
Instrument :
BNA_F
ClientSampleId :
PB97449BSD

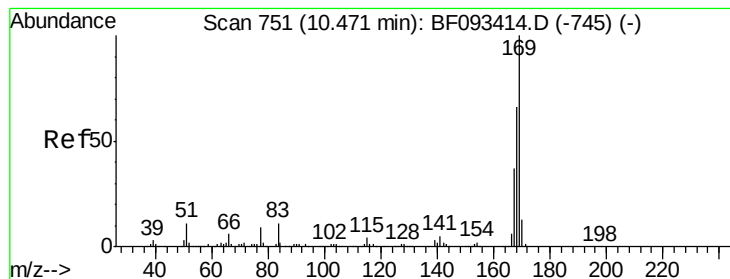
Tgt Ion:188 Resp: 624481
Ion Ratio Lower Upper
188 100
94 9.9 10.0 15.0#
80 10.0 11.2 16.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 40.33 ng
RT: 10.44 min Scan# 748
Delta R.T. 0.01 min
Lab File: BF093438.D
Acq: 8 Mar 2017 19:45

Tgt Ion:198 Resp: 163179
Ion Ratio Lower Upper
198 100
51 38.9 6.7 46.7
105 38.2 16.6 56.6

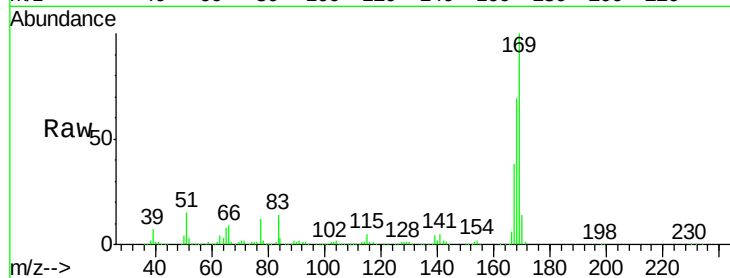




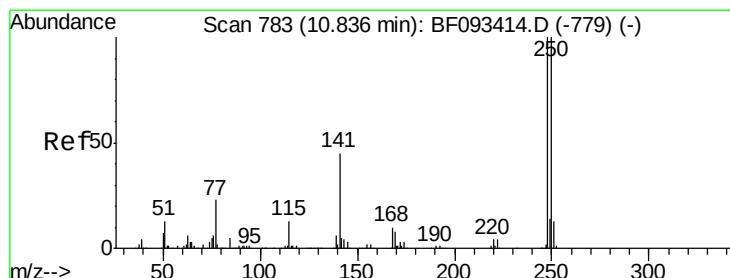
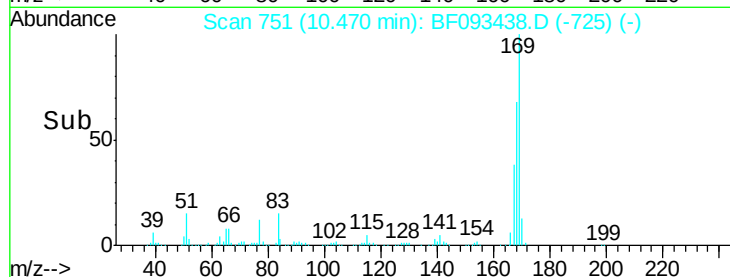
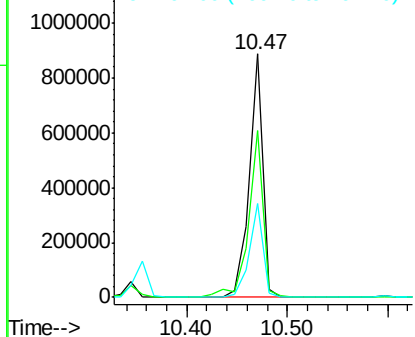
#65
 n-Nitrosodiphenylamine
 Concen: 39.85 ng
 RT: 10.47 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF093438.D
 Acq: 8 Mar 2017 19:45

Instrument :
 BNA_F
 ClientSampleId :
 PB97449BSD

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.6	54.2	81.2
167	38.4	30.2	45.4

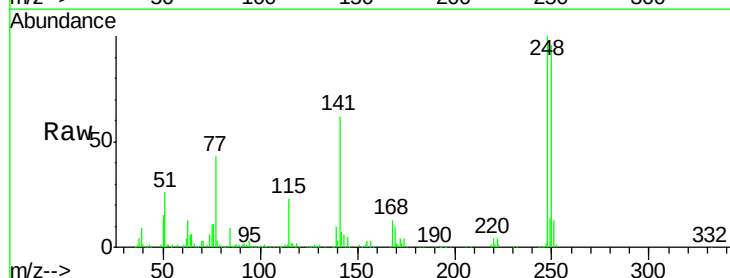


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

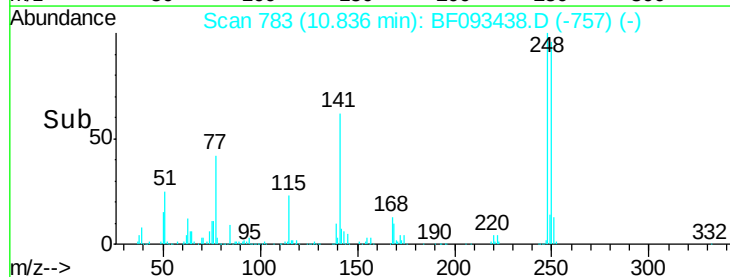
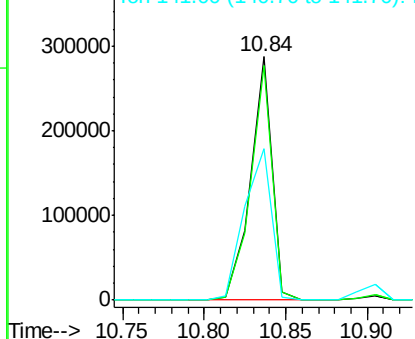


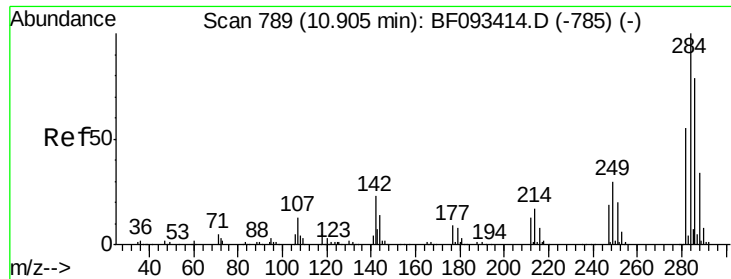
#66
 4-Bromophenyl-phenylether
 Concen: 39.79 ng
 RT: 10.84 min Scan# 783
 Delta R.T. -0.00 min
 Lab File: BF093438.D
 Acq: 8 Mar 2017 19:45

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.5	76.9	115.3
141	62.0	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

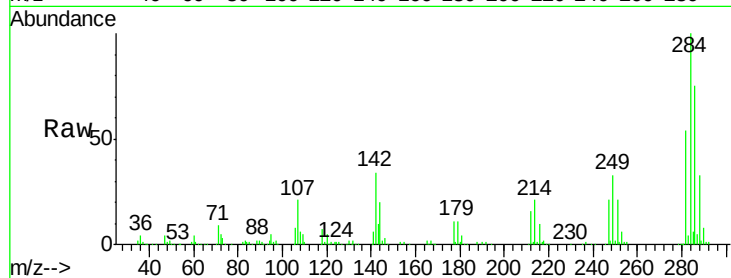




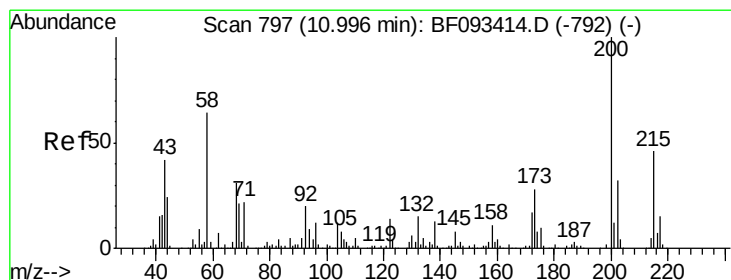
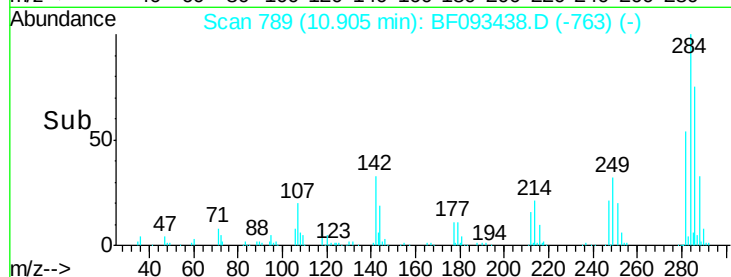
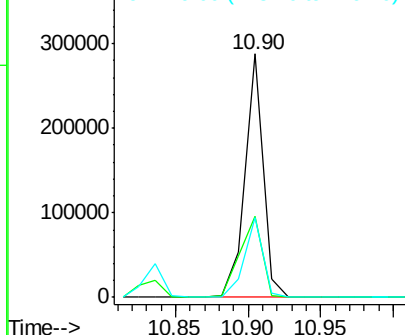
#67
Hexachlorobenzene
Concen: 39.93 ng
RT: 10.90 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF093438.D
Acq: 8 Mar 2017 19:45

Instrument :
BNA_F
ClientSampleId :
PB97449BSD

Tgt Ion:284 Resp: 251798
Ion Ratio Lower Upper
284 100
142 33.5 22.6 33.8
249 32.6 25.4 38.0

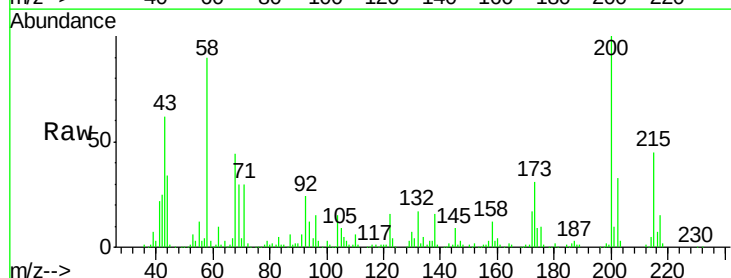


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

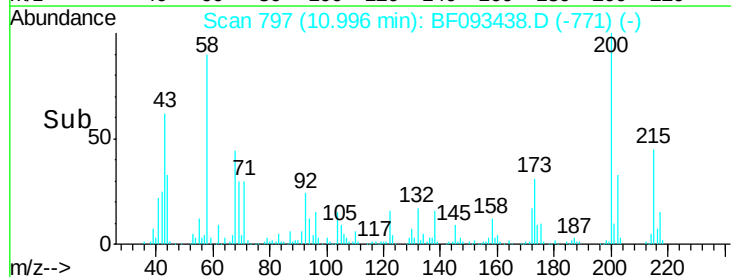
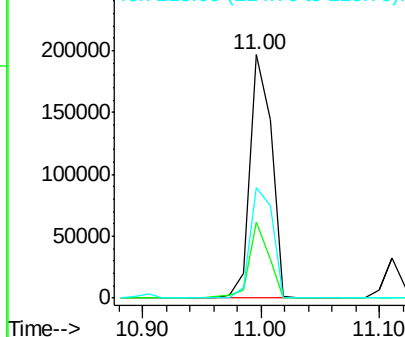


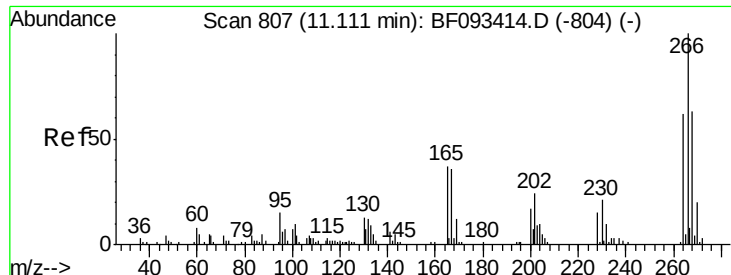
#68
Atrazine
Concen: 41.10 ng
RT: 11.00 min Scan# 797
Delta R.T. -0.00 min
Lab File: BF093438.D
Acq: 8 Mar 2017 19:45

Tgt Ion:200 Resp: 250819
Ion Ratio Lower Upper
200 100
173 31.0 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

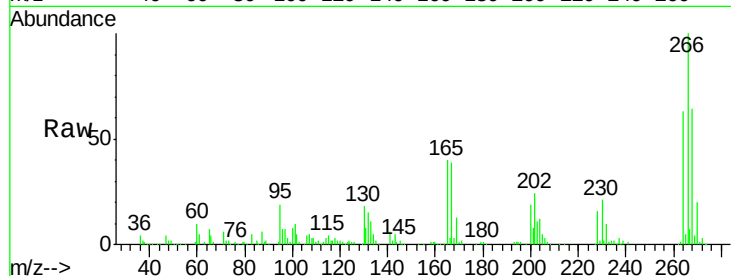




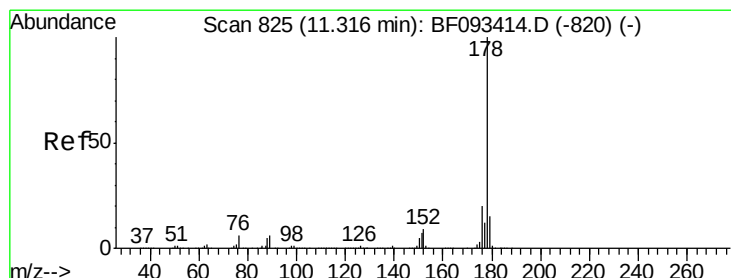
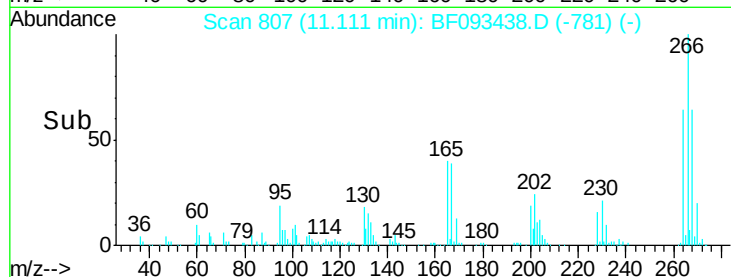
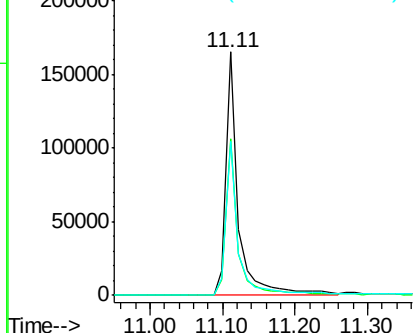
#69
 Pentachlorophenol
 Concen: 90.76 ng
 RT: 11.11 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF093438.D
 Acq: 8 Mar 2017 19:45

Instrument :
 BNA_F
 ClientSampleId :
 PB97449BSD

Tgt Ion:266 Resp: 197594
 Ion Ratio Lower Upper
 266 100
 268 64.2 53.3 79.9
 264 63.5 50.3 75.5

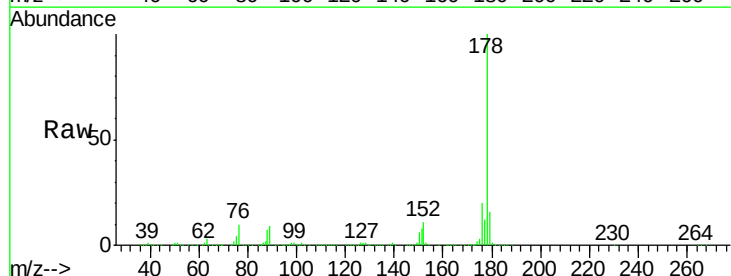


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

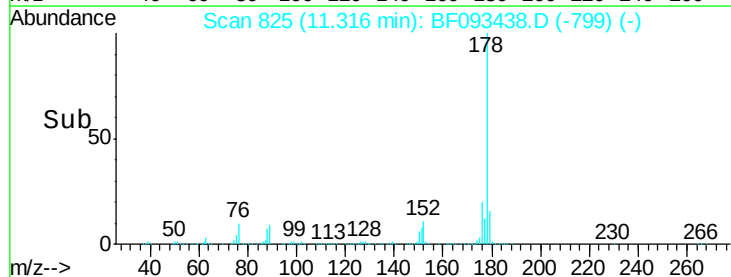
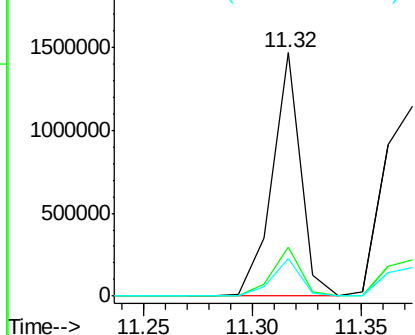


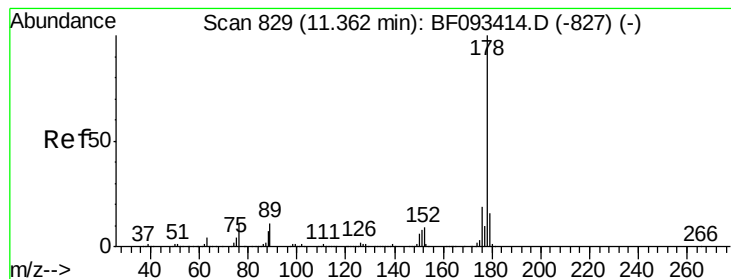
#70
 Phenanthrene
 Concen: 37.66 ng
 RT: 11.32 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BF093438.D
 Acq: 8 Mar 2017 19:45

Tgt Ion:178 Resp: 1342314
 Ion Ratio Lower Upper
 178 100
 176 20.3 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: 40.78 ng

RT: 11.37 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF093438.D

Acq: 8 Mar 2017 19:45

Instrument :

BNA_F

ClientSampleId :

PB97449BSD

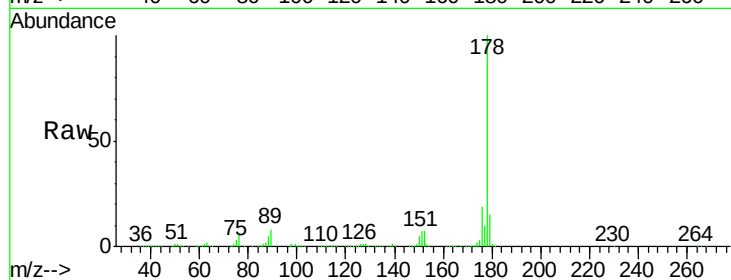
Tgt Ion:178 Resp: 1470523

Ion Ratio Lower Upper

178 100

176 19.3 15.9 23.9

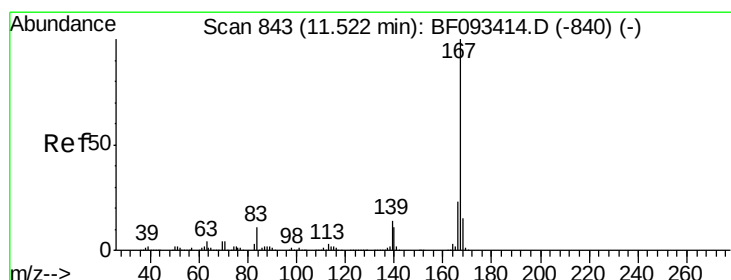
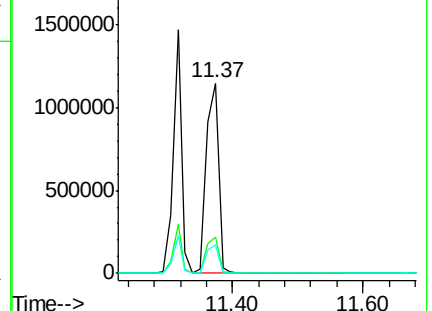
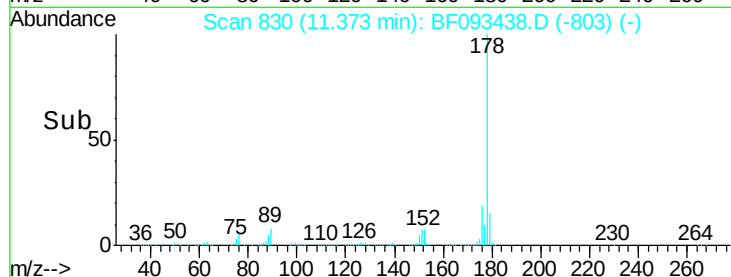
179 15.2 13.2 19.8



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: 39.46 ng

RT: 11.53 min Scan# 844

Delta R.T. 0.01 min

Lab File: BF093438.D

Acq: 8 Mar 2017 19:45

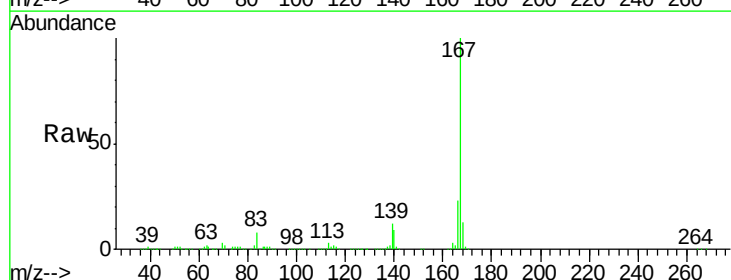
Tgt Ion:167 Resp: 1336721

Ion Ratio Lower Upper

167 100

166 22.7 18.2 27.2

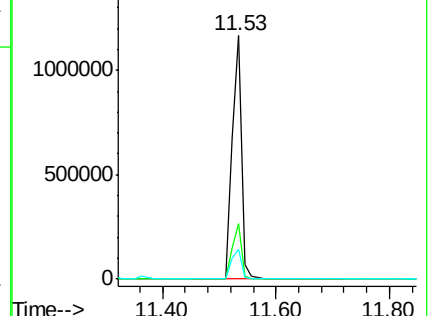
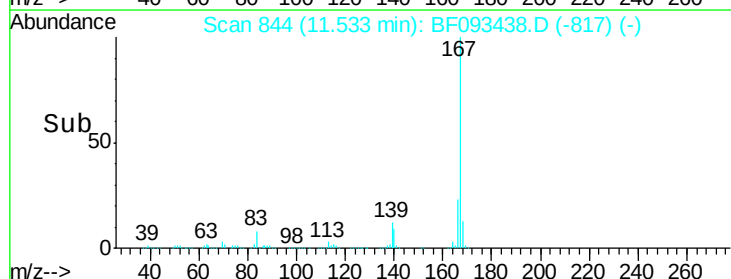
139 12.3 11.4 17.2

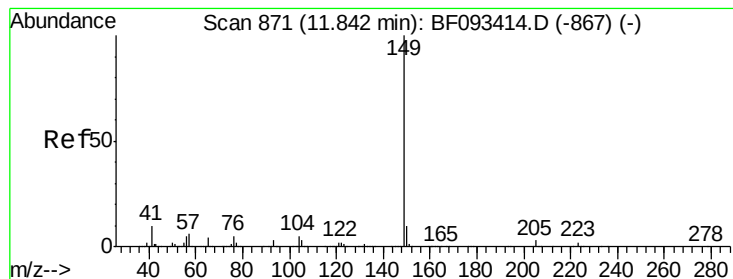


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.06 ng

RT: 11.85 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF093438.D

Acq: 8 Mar 2017 19:45

Instrument :

BNA_F

ClientSampleId :

PB97449BSD

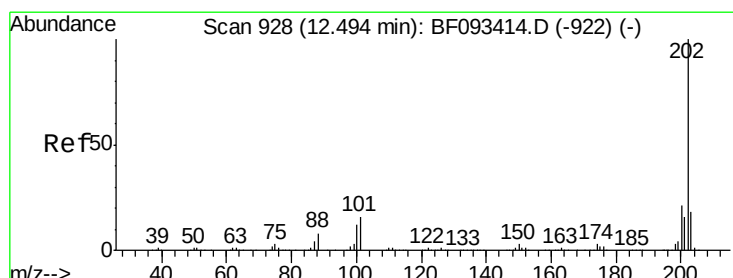
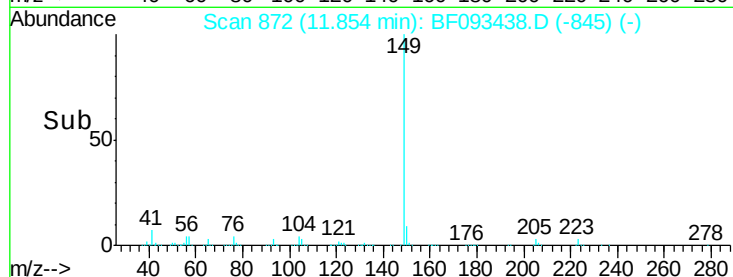
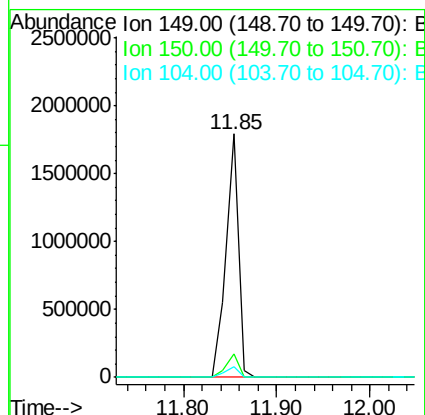
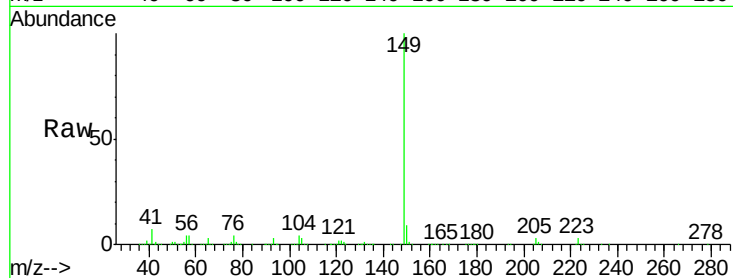
Tgt Ion:149 Resp: 1648464

Ion Ratio Lower Upper

149 100

150 9.4 8.1 12.1

104 4.4 4.6 7.0#



#74

Fluoranthene

Concen: 39.34 ng

RT: 12.50 min Scan# 929

Delta R.T. 0.01 min

Lab File: BF093438.D

Acq: 8 Mar 2017 19:45

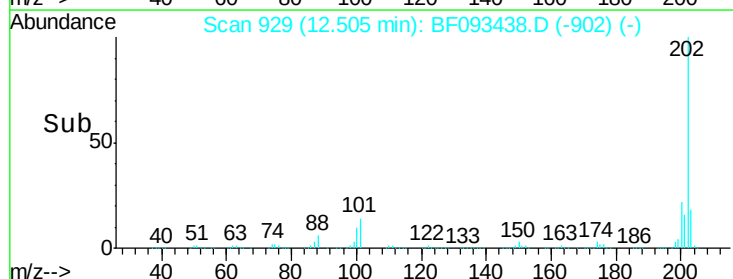
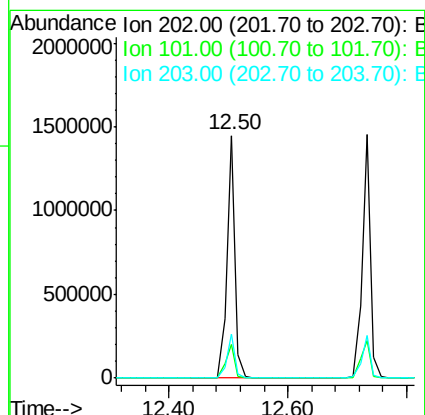
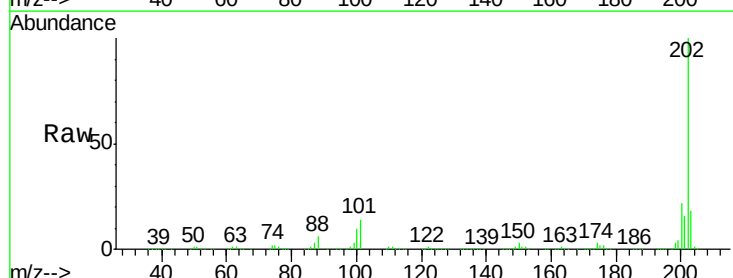
Tgt Ion:202 Resp: 1354520

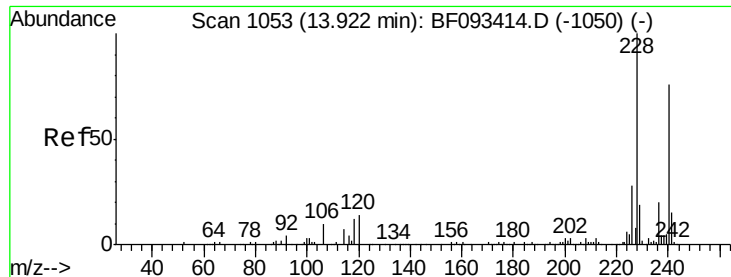
Ion Ratio Lower Upper

202 100

101 13.7 0.0 34.6

203 18.3 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: BF093438.D

Acq: 8 Mar 2017 19:45

Instrument :

BNA_F

ClientSampleId :

PB97449BSD

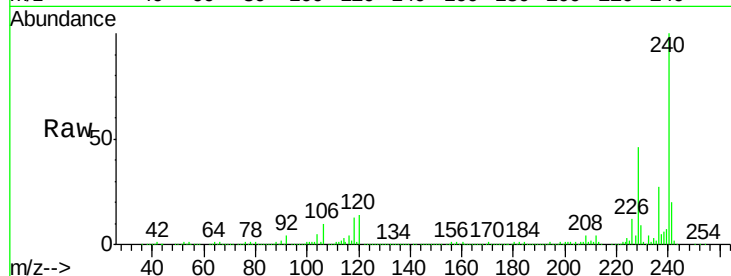
Tgt Ion:240 Resp: 531693

Ion Ratio Lower Upper

240 100

120 14.1 12.9 19.3

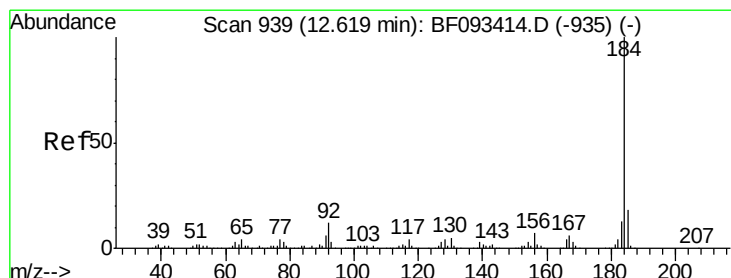
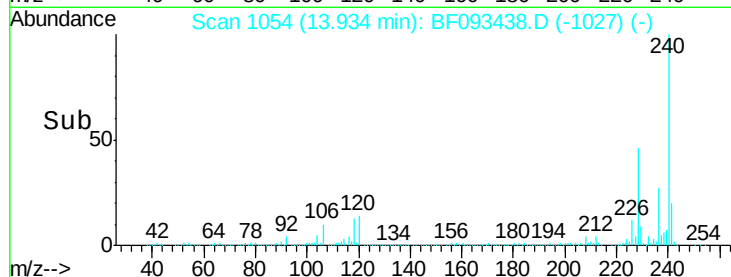
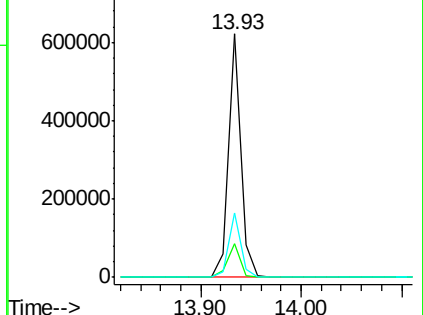
236 26.5 20.9 31.3



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: 29.41 ng

RT: 12.63 min Scan# 940

Delta R.T. 0.01 min

Lab File: BF093438.D

Acq: 8 Mar 2017 19:45

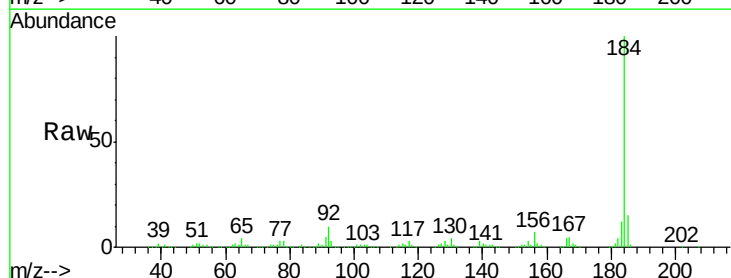
Tgt Ion:184 Resp: 514215

Ion Ratio Lower Upper

184 100

185 14.7 13.4 20.0

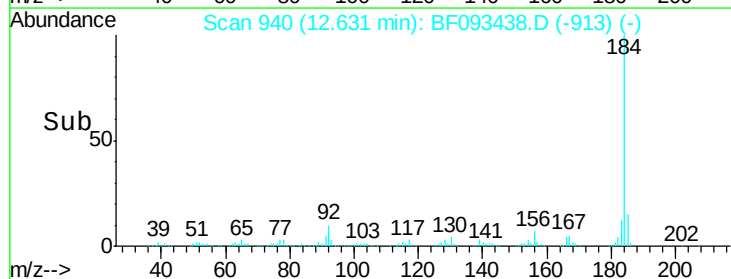
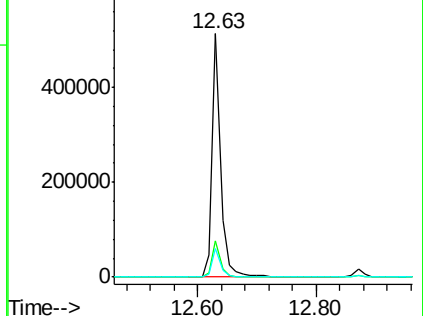
183 11.5 9.2 13.8

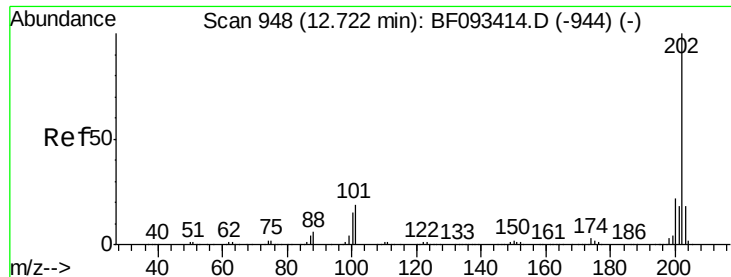


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

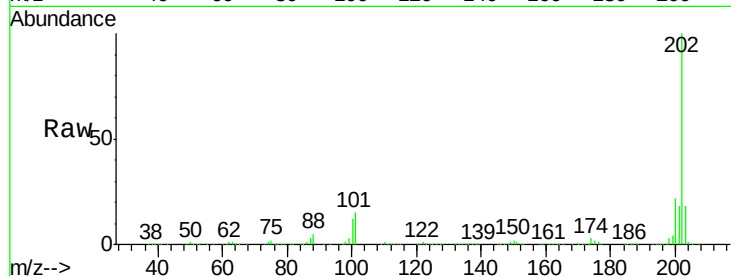




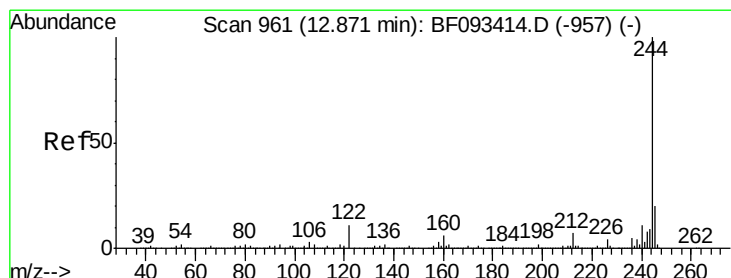
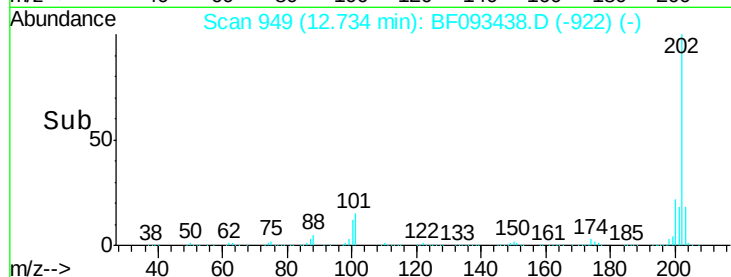
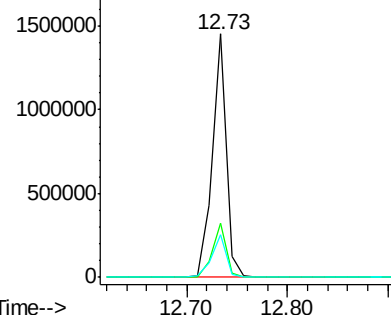
#77
 Pyrene
 Concen: 36.03 ng
 RT: 12.73 min Scan# 949
 Delta R.T. 0.01 min
 Lab File: BF093438.D
 Acq: 8 Mar 2017 19:45

Instrument :
 BNA_F
 ClientSampleId :
 PB97449BSD

Tgt Ion:202 Resp: 1393063
 Ion Ratio Lower Upper
 202 100
 200 22.2 17.7 26.5
 203 17.7 14.7 22.1

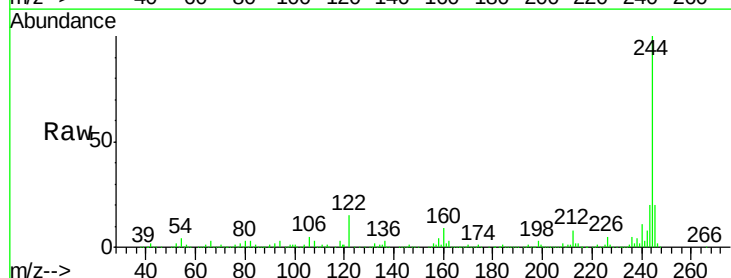


Abundance Ion 202.00 (201.70 to 202.70): E
 2000000 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

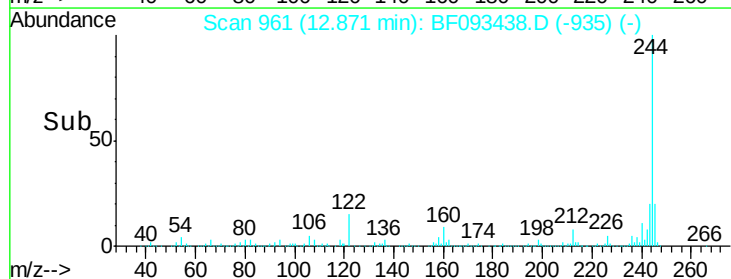
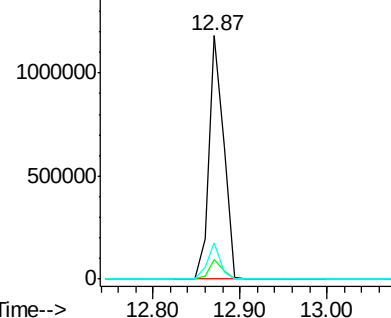


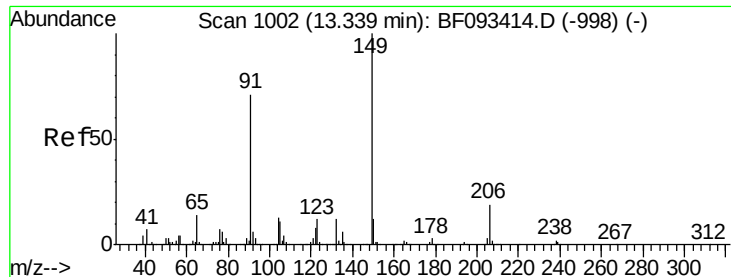
#78
 Terphenyl-d14
 Concen: 68.35 ng
 RT: 12.87 min Scan# 961
 Delta R.T. -0.00 min
 Lab File: BF093438.D
 Acq: 8 Mar 2017 19:45

Tgt Ion:244 Resp: 1397680
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 14.7 11.4 17.2



Abundance Ion 244.00 (243.70 to 244.70): E
 1500000 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

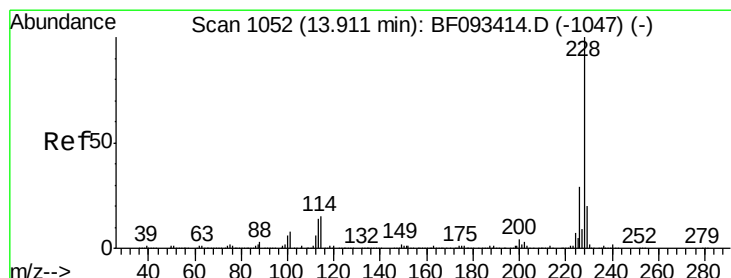
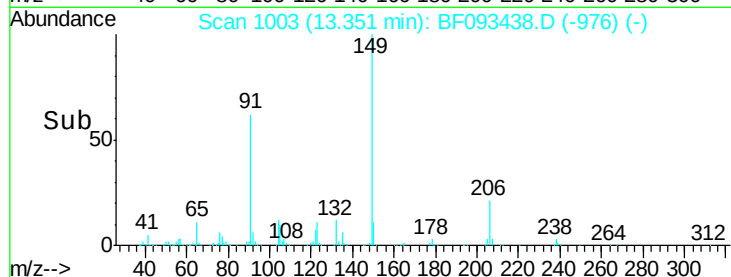
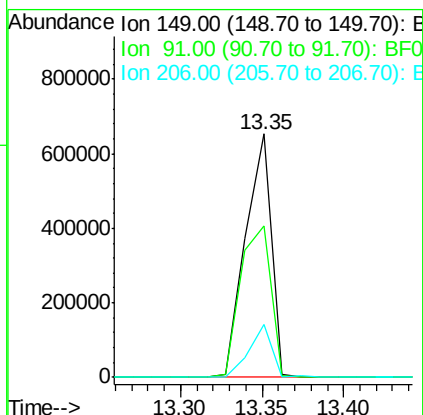
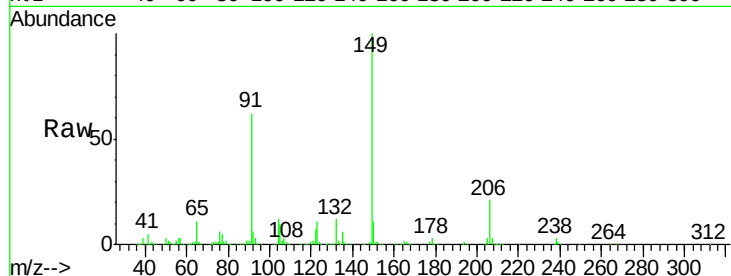




#79
Butylbenzylphthalate
Concen: 44.00 ng
RT: 13.35 min Scan# 1003
Delta R.T. 0.01 min
Lab File: BF093438.D
Acq: 8 Mar 2017 19:45

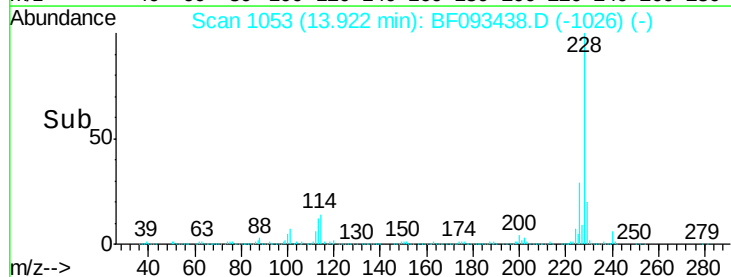
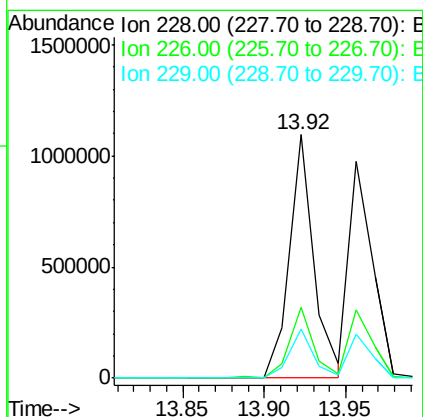
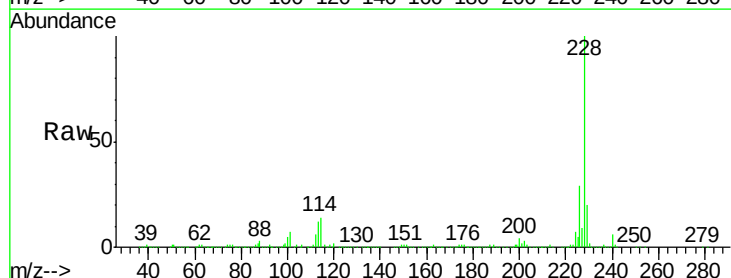
Instrument :
BNA_F
ClientSampleId :
PB97449BSD

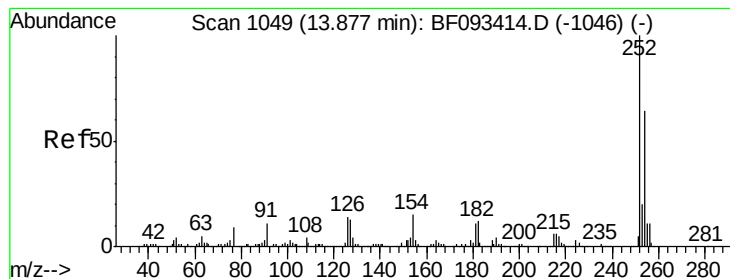
Tgt Ion:149 Resp: 716262
Ion Ratio Lower Upper
149 100
91 62.5 63.9 95.9#
206 21.5 14.6 21.8



#80
Benzo(a)anthracene
Concen: 36.57 ng
RT: 13.92 min Scan# 1053
Delta R.T. 0.01 min
Lab File: BF093438.D
Acq: 8 Mar 2017 19:45

Tgt Ion:228 Resp: 1148272
Ion Ratio Lower Upper
228 100
226 28.9 22.4 33.6
229 20.1 16.2 24.4





#81

3,3'-Dichlorobenzidine

Concen: 27.83 ng

RT: 13.89 min Scan# 1050

Delta R.T. 0.01 min

Lab File: BF093438.D

Acq: 8 Mar 2017 19:45

Instrument :

BNA_F

ClientSampleId :

PB97449BSD

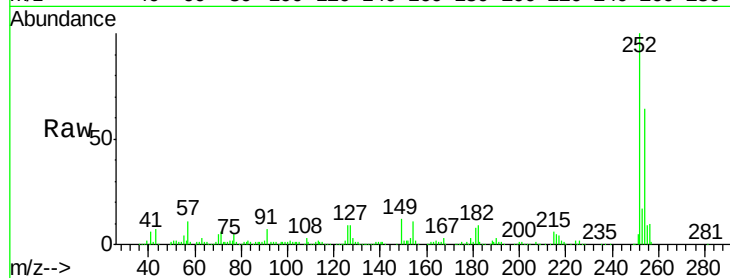
Tgt Ion:252 Resp: 306000

Ion Ratio Lower Upper

252 100

254 63.7 52.3 78.5

126 9.3 13.6 20.4#



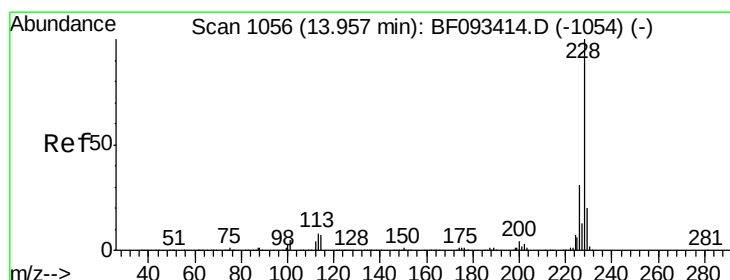
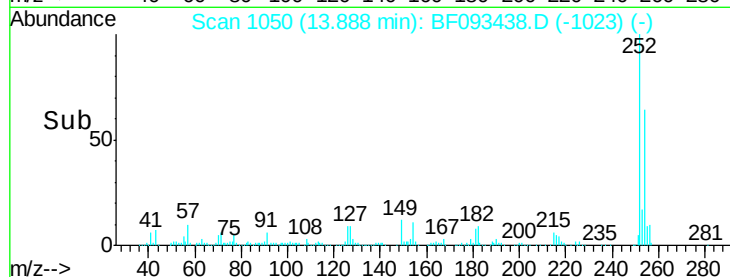
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

13.89

Time-->



#82

Chrysene

Concen: 34.77 ng

RT: 13.96 min Scan# 1056

Delta R.T. -0.00 min

Lab File: BF093438.D

Acq: 8 Mar 2017 19:45

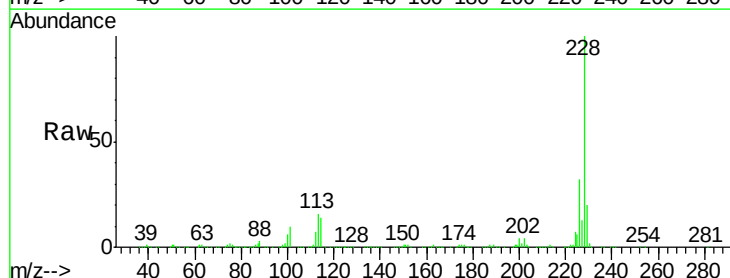
Tgt Ion:228 Resp: 1010015

Ion Ratio Lower Upper

228 100

226 31.7 25.4 38.0

229 20.5 16.2 24.2



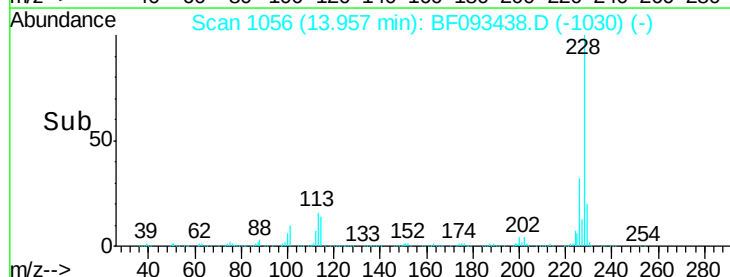
Abundance Ion 228.00 (227.70 to 228.70): E

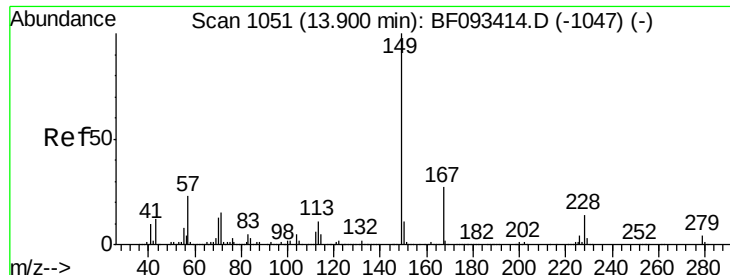
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

13.96

Time-->





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.87 ng

RT: 13.90 min Scan# 1051

Delta R.T. -0.00 min

Lab File: BF093438.D

Acq: 8 Mar 2017 19:45

Instrument :

BNA_F

ClientSampleId :

PB97449BSD

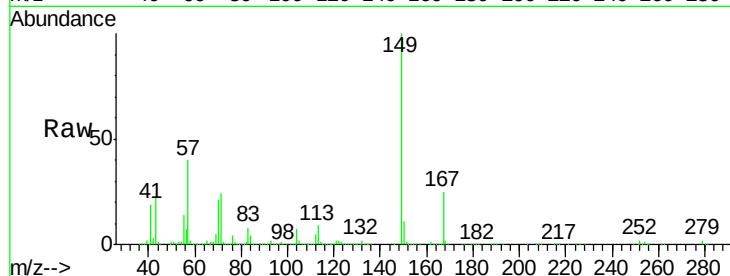
Tgt Ion:149 Resp: 927387

Ion Ratio Lower Upper

149 100

167 25.2 20.2 30.4

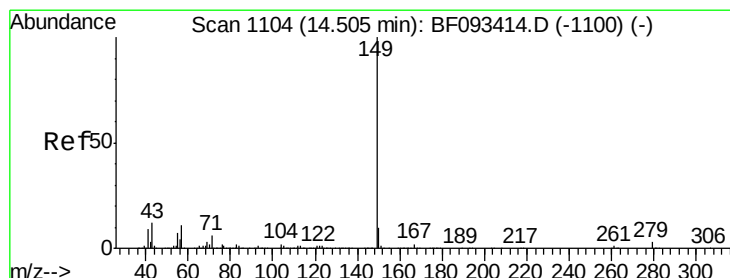
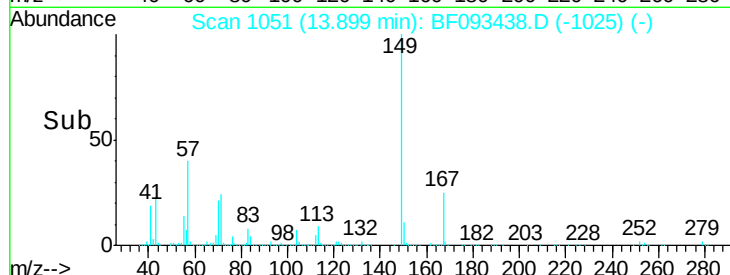
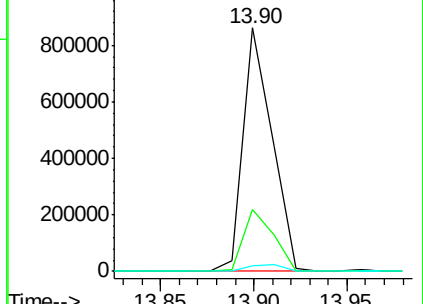
279 2.1 1.8 2.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.53 ng

RT: 14.52 min Scan# 1105

Delta R.T. 0.01 min

Lab File: BF093438.D

Acq: 8 Mar 2017 19:45

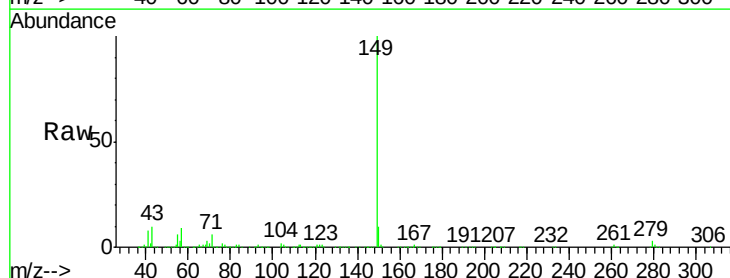
Tgt Ion:149 Resp: 1608409

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

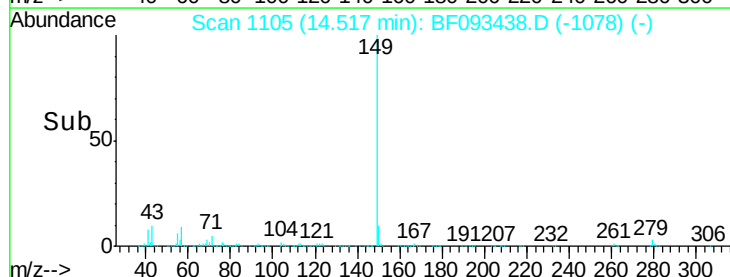
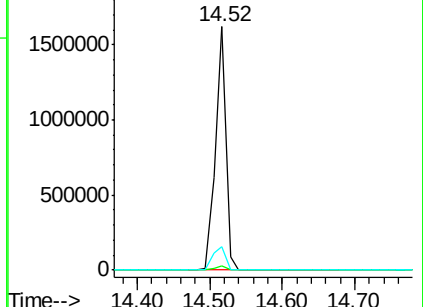
43 12.1 8.9 13.3

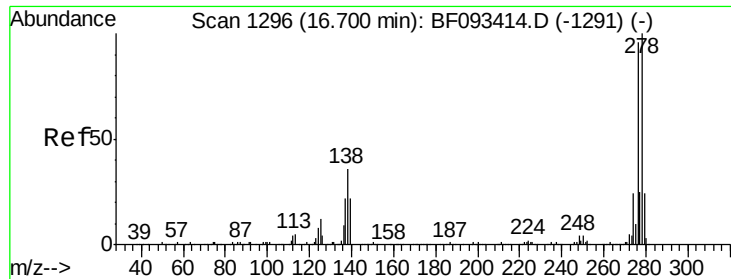


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

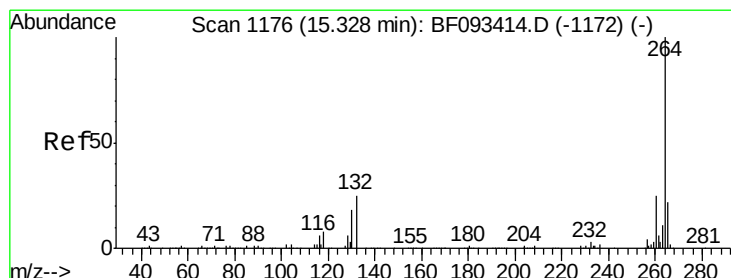
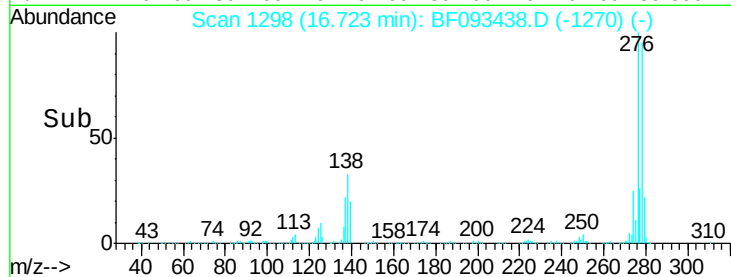
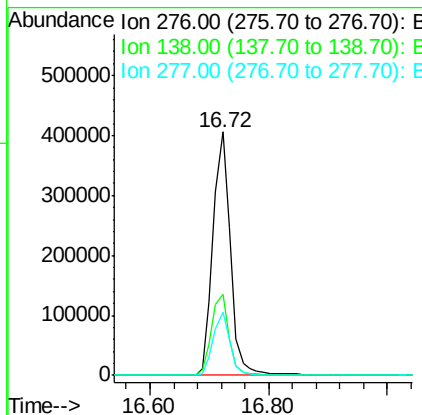
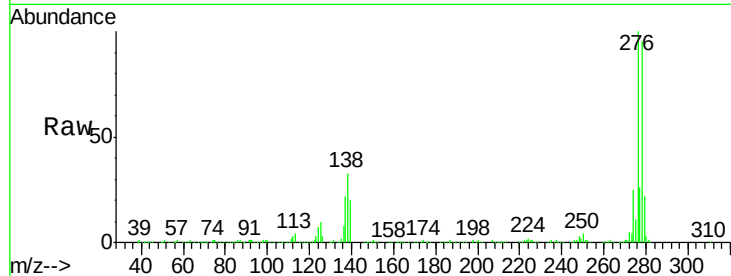




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.32 ng
 RT: 16.72 min Scan# 1298
 Delta R.T. 0.02 min
 Lab File: BF093438.D
 Acq: 8 Mar 2017 19:45

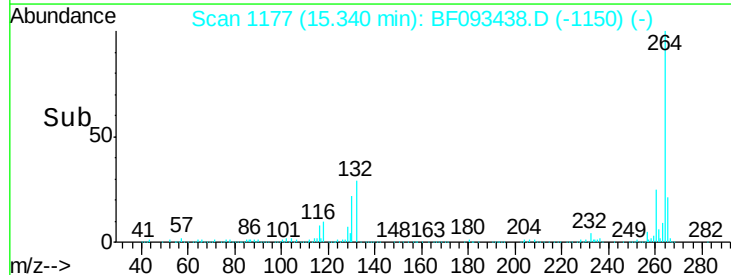
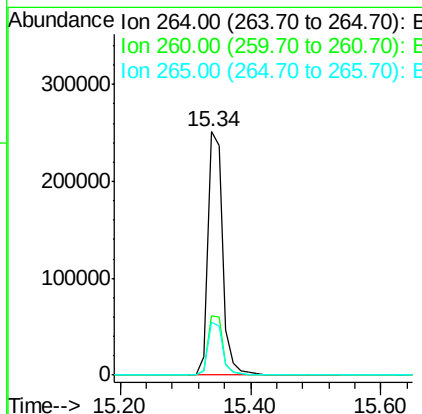
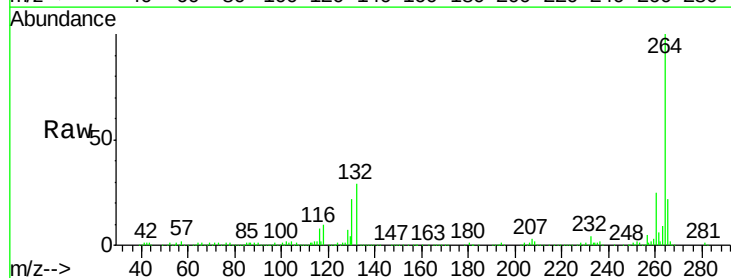
Instrument :
 BNA_F
 ClientSampleId :
 PB97449BSD

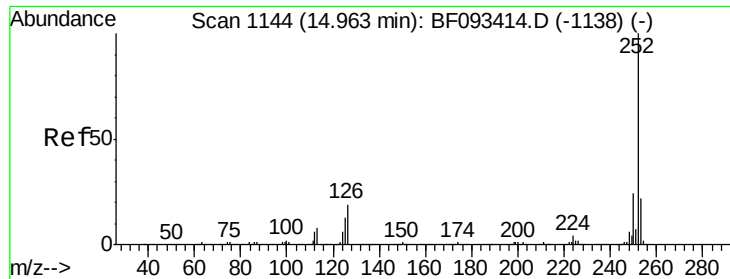
Tgt Ion:276 Resp: 834543
 Ion Ratio Lower Upper
 276 100
 138 33.8 21.8 32.6#
 277 25.2 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.34 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: BF093438.D
 Acq: 8 Mar 2017 19:45

Tgt Ion:264 Resp: 397981
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 21.6 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 80.83 ng

RT: 14.97 min Scan# 1145

Delta R.T. 0.03 min

Lab File: BF093438.D

Acq: 8 Mar 2017 19:45

Instrument :

BNA_F

ClientSampleId :

PB97449BSD

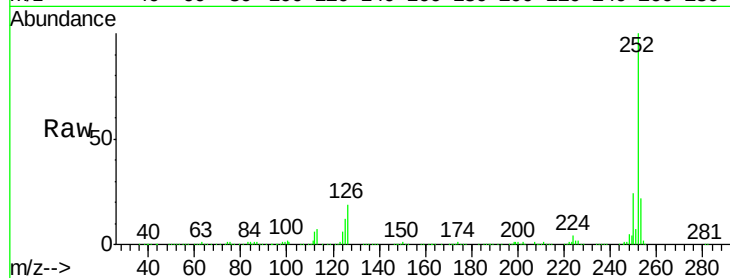
Tgt Ion:252 Resp: 1959246

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.4

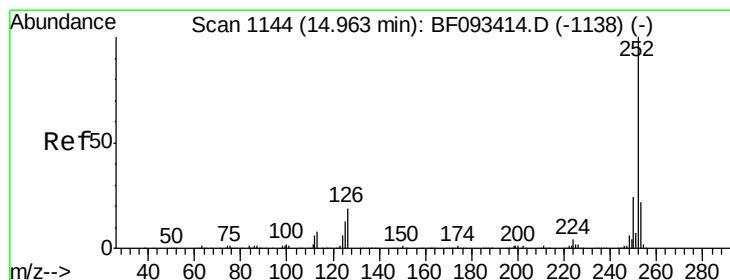
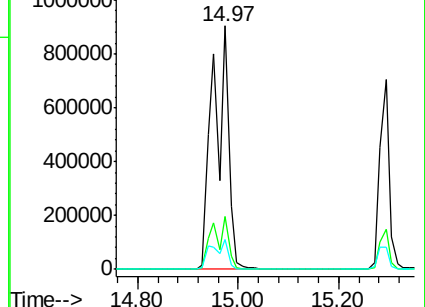
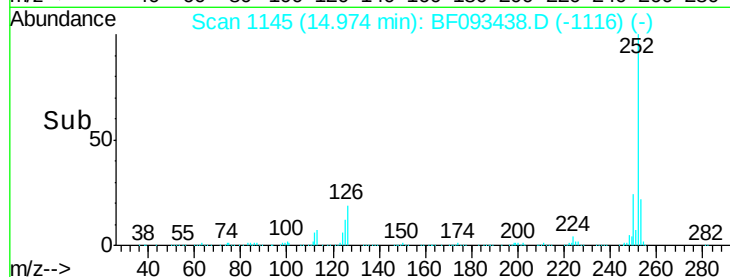
125 12.1 9.8 14.6



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: 83.83 ng

RT: 14.97 min Scan# 1145

Delta R.T. 0.01 min

Lab File: BF093438.D

Acq: 8 Mar 2017 19:45

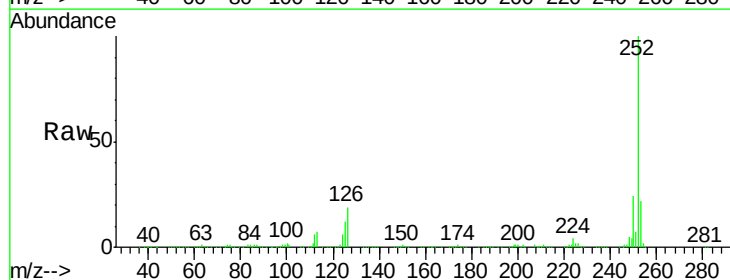
Tgt Ion:252 Resp: 1959621

Ion Ratio Lower Upper

252 100

253 21.9 18.5 27.7

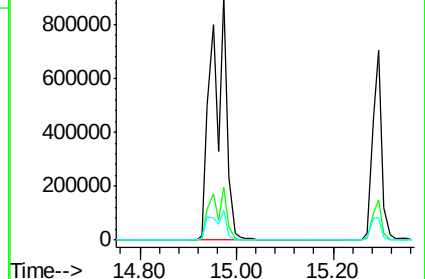
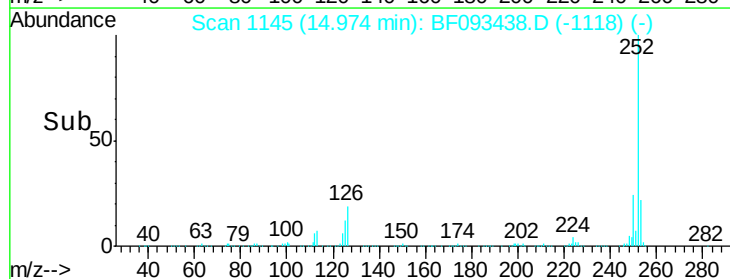
125 12.1 8.9 13.3

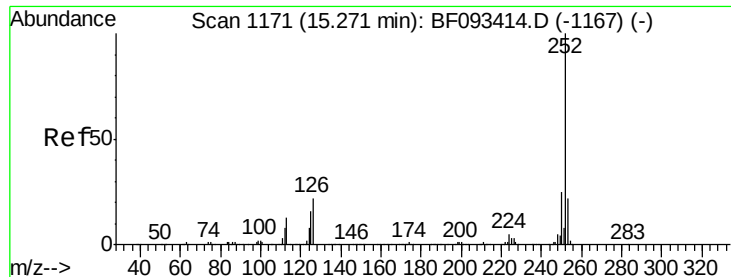


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

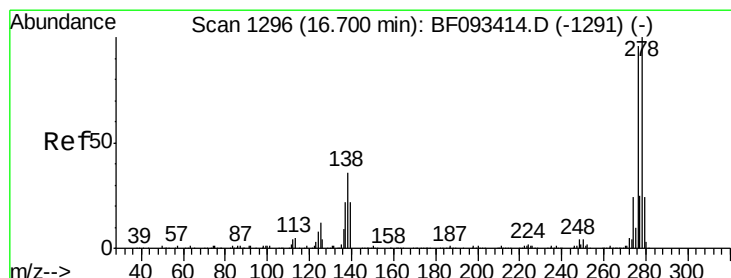
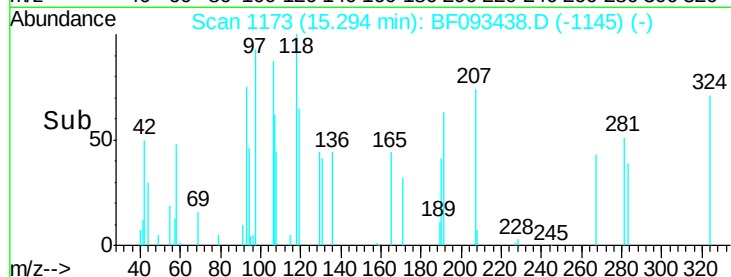
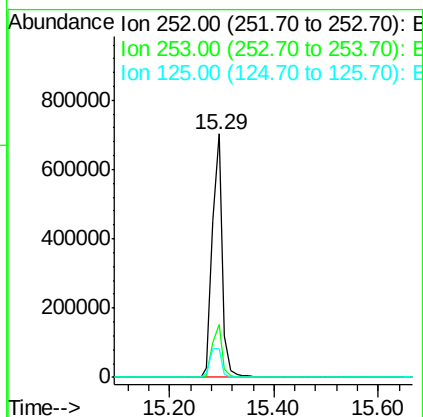
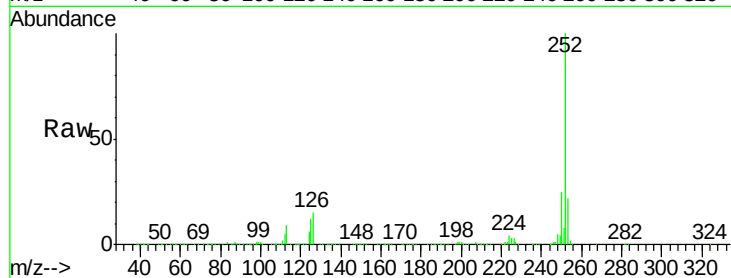




#89
Benzo(a)pyrene
Concen: 41.70 ng
RT: 15.29 min Scan# 1173
Delta R.T. 0.02 min
Lab File: BF093438.D
Acq: 8 Mar 2017 19:45

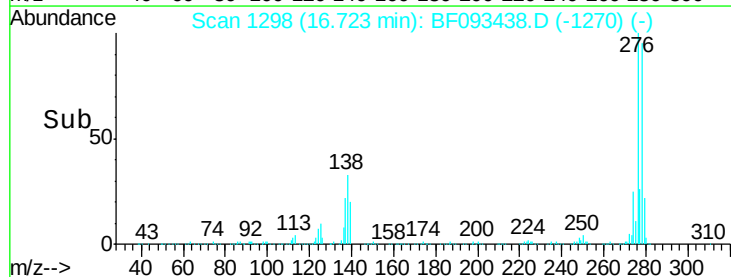
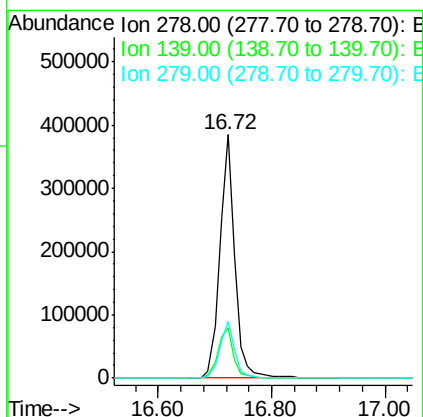
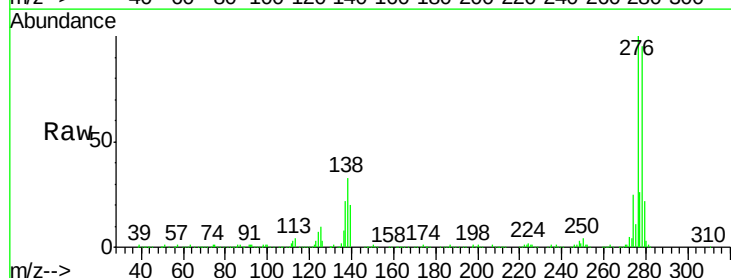
Instrument :
BNA_F
ClientSampleId :
PB97449BSD

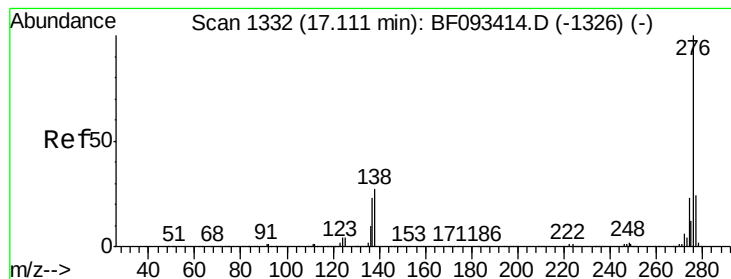
Tgt Ion:252 Resp: 923788
Ion Ratio Lower Upper
252 100
253 21.5 18.2 27.2
125 11.7 10.0 15.0



#90
Dibenzo(a,h)anthracene
Concen: 38.54 ng
RT: 16.72 min Scan# 1298
Delta R.T. 0.02 min
Lab File: BF093438.D
Acq: 8 Mar 2017 19:45

Tgt Ion:278 Resp: 706226
Ion Ratio Lower Upper
278 100
139 20.6 14.8 22.2
279 23.2 19.8 29.6





#91

Benzo(g,h,i)perylene

Concen: 39.01 ng

RT: 17.13 min Scan# 1334

Delta R.T. 0.02 min

Lab File: BF093438.D

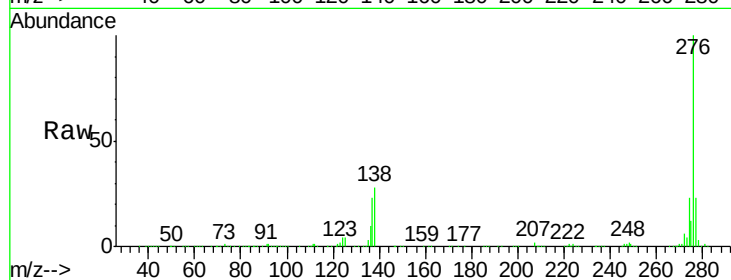
Acq: 8 Mar 2017 19:45

Instrument :

BNA_F

ClientSampleId :

PB97449BSD



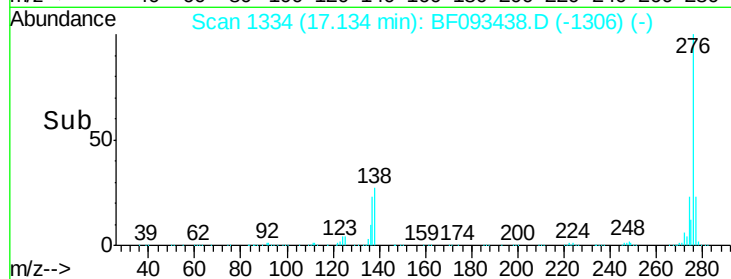
Tgt Ion: 276 Resp: 733683

Ion Ratio Lower Upper

276 100

277 23.4 19.2 28.8

138 27.6 16.0 24.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

