

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030717\
 Data File : BF093422.D
 Acq On : 7 Mar 2017 16:47
 Operator : SJ/MA
 Sample : PB97390BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97390BS

Quant Time: Mar 08 00:30:09 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	530733	20.00	ng	0.15
21) Naphthalene-d8	8.05	136	695379	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	343104	20.00	ng	0.00
63) Phenanthrene-d10	11.28	188	605253	20.00	ng	0.00
75) Chrysene-d12	13.93	240	521197	20.00	ng	0.01
86) Perylene-d12	15.34	264	425582	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	980827	30.76	ng	0.01
7) Phenol-d6	6.41	99	1160124	28.85	ng	0.00
23) Nitrobenzene-d5	7.34	82	1076089	85.86	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	223478	99.97	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1859699	100.82	ng	0.00
78) Terphenyl-d14	12.87	244	1459284	72.79	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.36	88	224196	12.76	ng	# 82
3) Pyridine	3.04	79	628603	14.04	ng	87
4) n-Nitrosodimethylamine	3.01	42	328702	15.37	ng	83
6) Aniline	6.42	93	402616	7.30	ng	96
8) 2-Chlorophenol	6.55	128	519413	14.54	ng	96
9) Benzaldehyde	6.31	77	102471	2.65	ng	86
10) Phenol	6.44	94	639247	12.97	ng	83
11) bis(2-Chloroethyl)ether	6.50	93	550489	13.82	ng	97
12) 1,3-Dichlorobenzene	6.94	146	501004	12.25	ng	98
13) 1,4-Dichlorobenzene	6.94	146	501004	11.97	ng	93
14) 1,2-Dichlorobenzene	6.94	146	501004	13.51	ng	94
15) Benzyl Alcohol	6.92	79	393805	13.74	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.05	45	908221	13.73	ng	89
17) 2-Methylphenol	7.04	107	426991	14.13	ng	95
18) Hexachloroethane	7.27	117	193469	13.70	ng	96
19) n-Nitroso-di-n-propylamine	7.19	70	394208	14.26	ng	97
20) 3+4-Methylphenols	7.20	107	579996	14.80	ng	# 74
22) Acetophenone	7.18	105	724395	43.29	ng	# 97
24) Nitrobenzene	7.36	77	615900	43.73	ng	91
25) Isophorone	7.60	82	1064627	42.12	ng	97
26) 2-Nitrophenol	7.68	139	286477	44.58	ng	# 84
27) 2,4-Dimethylphenol	7.73	122	478808	45.80	ng	93
28) bis(2-Chloroethoxy)methane	7.81	93	654464	41.02	ng	98
29) 2,4-Dichlorophenol	7.92	162	444898	45.24	ng	89
30) 1,2,4-Trichlorobenzene	7.99	180	450196	43.04	ng	# 94
31) Naphthalene	8.07	128	1395127	40.04	ng	99
32) Benzoic acid	7.89	122	280519	51.64	ng	96
33) 4-Chloroaniline	8.14	127	253387	17.92	ng	99
34) Hexachlorobutadiene	8.18	225	230315	42.75	ng	99
35) Caprolactam	8.52	113	101260	30.15	ng	# 40
36) 4-Chloro-3-methylphenol	8.63	107	451885	43.05	ng	96
37) 2-Methylnaphthalene	8.77	142	988104	44.57	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	416719	44.48	ng	99
40) Hexachlorocyclopentadiene	8.92	237	231783	95.32	ng	97

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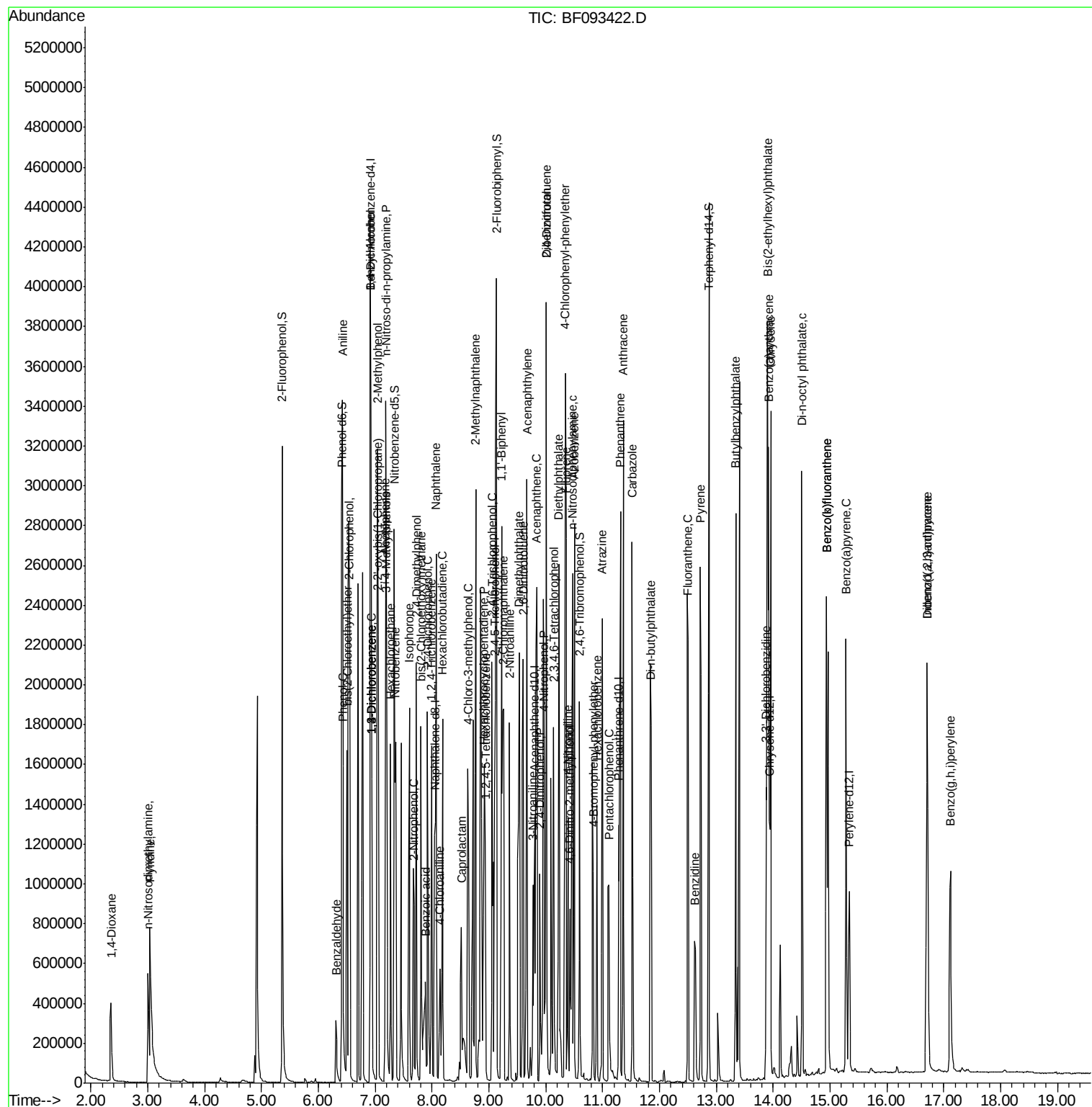
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	291506	49.80	ng	91
43) 2,4,5-Trichlorophenol	9.11	196	274287	43.67	ng #	86
45) 1,1'-Biphenyl	9.22	154	1095881	43.85	ng	96
46) 2-Chloronaphthalene	9.26	162	918397	48.00	ng	96
47) 2-Nitroaniline	9.36	65	321516	47.54	ng	97
48) Acenaphthylene	9.67	152	1410079	44.69	ng	97
49) Dimethylphthalate	9.53	163	1044236	45.91	ng	99
50) 2,6-Dinitrotoluene	9.60	165	211455	42.37	ng #	56
51) Acenaphthene	9.84	154	860166	46.10	ng	97
52) 3-Nitroaniline	9.77	138	151629	25.29	ng	98
53) 2,4-Dinitrophenol	9.90	184	170632	75.07	ng #	78
54) Dibenzofuran	10.01	168	1220774	52.27	ng	93
55) 4-Nitrophenol	9.97	139	264458	90.80	ng #	79
56) 2,4-Dinitrotoluene	10.01	165	270977	44.19	ng #	77
57) Fluorene	10.36	166	936095	47.30	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.14	232	237822	53.65	ng	95
59) Diethylphthalate	10.23	149	979019	45.03	ng	99
60) 4-Chlorophenyl-phenylether	10.34	204	434884	49.03	ng #	84
61) 4-Nitroaniline	10.39	138	231440	37.74	ng	93
62) Azobenzene	10.50	77	1211798	49.06	ng	95
64) 4,6-Dinitro-2-methylphenol	10.42	198	137558	35.08	ng #	22
65) n-Nitrosodiphenylamine	10.47	169	868275	42.96	ng	99
66) 4-Bromophenyl-phenylether	10.84	248	258802	40.44	ng #	78
67) Hexachlorobenzene	10.90	284	259120	42.40	ng	94
68) Atrazine	11.00	200	247074	41.77	ng	99
69) Pentachlorophenol	11.11	266	206549	97.89	ng	98
70) Phenanthrene	11.32	178	1444859	41.82	ng	98
71) Anthracene	11.36	178	1338777	38.31	ng	99
72) Carbazole	11.52	167	1208690	36.82	ng	99
73) Di-n-butylphthalate	11.85	149	1607530	42.32	ng #	96
74) Fluoranthene	12.51	202	1470000	44.05	ng	91
76) Benzidine	12.63	184	442201	25.80	ng	96
77) Pyrene	12.72	202	1448685	38.22	ng	100
79) Butylbenzylphthalate	13.34	149	654215	41.00	ng	98
80) Benzo(a)anthracene	13.92	228	1253892	40.74	ng	99
81) 3,3'-Dichlorobenzidine	13.88	252	289969	26.90	ng	98
82) Chrysene	13.96	228	1198646	42.09	ng	99
83) Bis(2-ethylhexyl)phthalate	13.90	149	993725	44.68	ng	98
84) Di-n-octyl phthalate	14.51	149	1574963	42.49	ng	98
85) Indeno(1,2,3-cd)pyrene	16.71	276	936287	39.28	ng #	93
87) Benzo(b)fluoranthene	14.94	252	2136275	82.42	ng	99
88) Benzo(k)fluoranthene	14.94	252	2136275	85.47	ng	98
89) Benzo(a)pyrene	15.28	252	981188	41.42	ng	97
90) Dibenzo(a,h)anthracene	16.71	278	776869	39.64	ng #	96
91) Benzo(g,h,i)perylene	17.12	276	815758	40.56	ng #	93

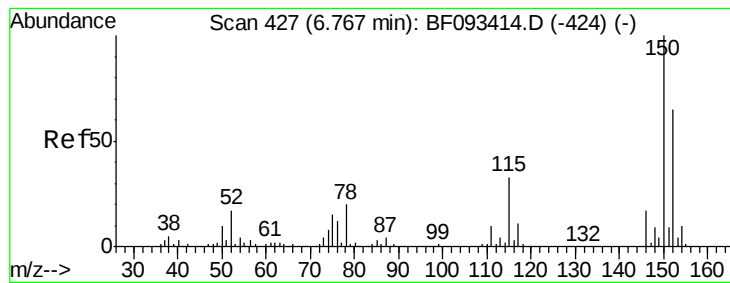
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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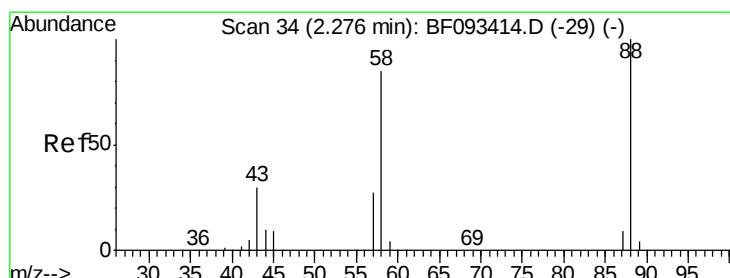
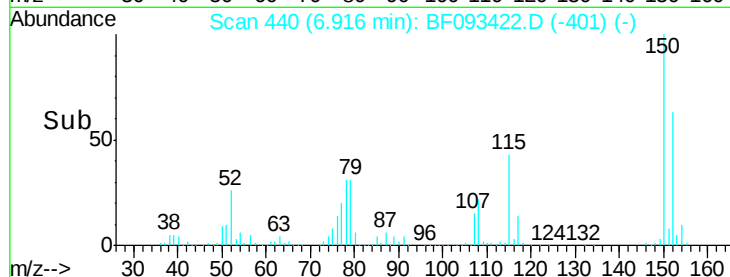
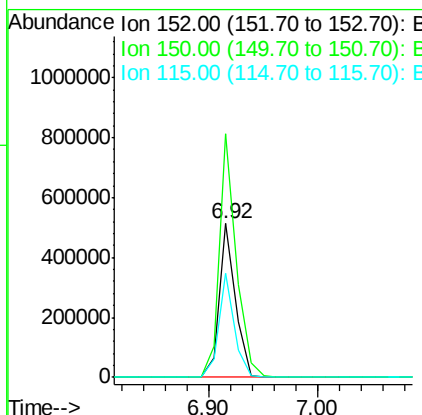
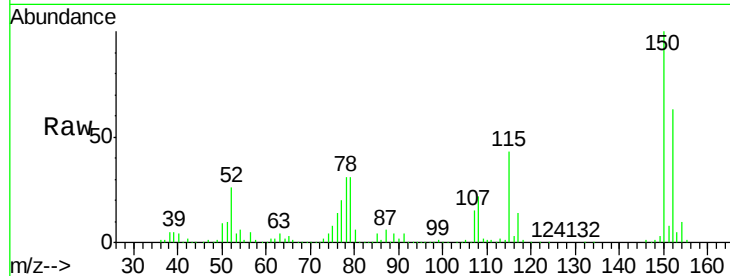


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 440
Delta R.T. 0.15 min
Lab File: BF093422.D
Acq: 7 Mar 2017 16:47

Instrument :
BNA_F
ClientSampleId :
PB97390BS

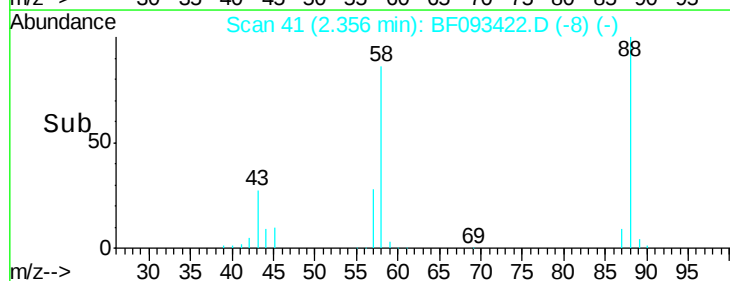
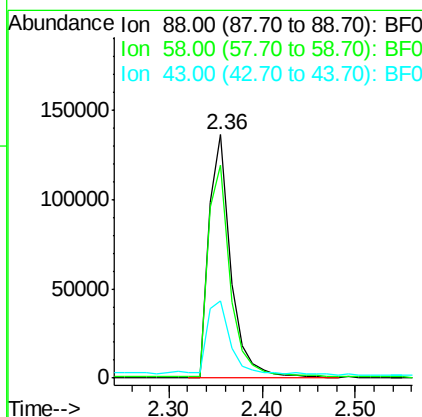
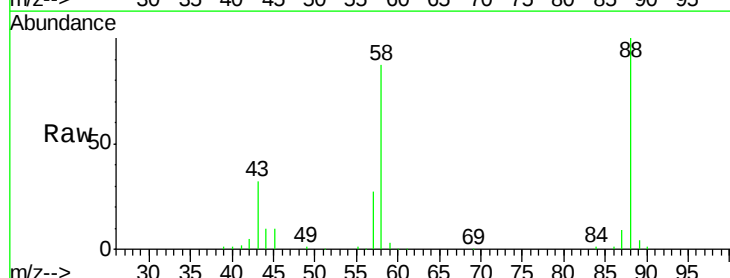
Tgt Ion:152 Resp: 530733
Ion Ratio Lower Upper
152 100
150 158.3 124.9 187.3
115 67.4 46.0 69.0

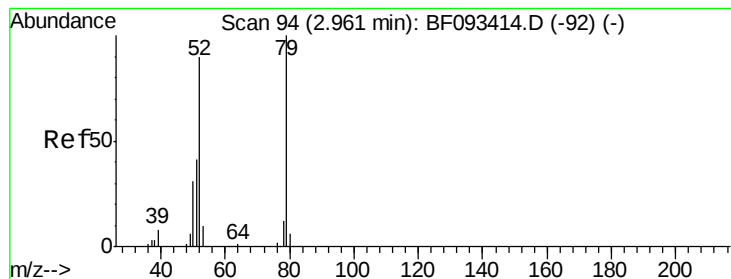


#2

1,4-Dioxane
Concen: 12.76 ng
RT: 2.36 min Scan# 41
Delta R.T. 0.08 min
Lab File: BF093422.D
Acq: 7 Mar 2017 16:47

Tgt Ion: 88 Resp: 224196
Ion Ratio Lower Upper
88 100
58 88.8 57.8 86.8#
43 35.2 22.3 33.5#





#3

Pyridine

Concen: 14.04 ng

RT: 3.04 min Scan# 101

Delta R.T. 0.08 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

Instrument :

BNA_F

ClientSampleId :

PB97390BS

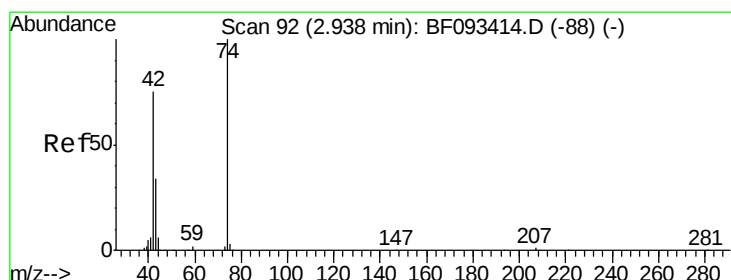
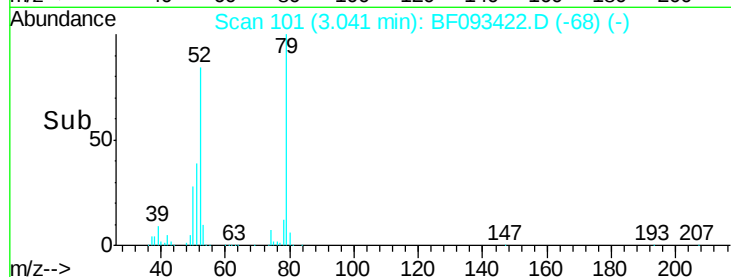
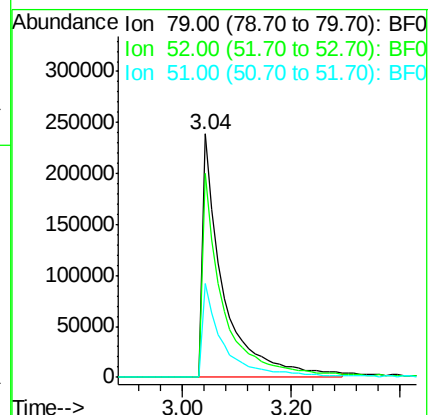
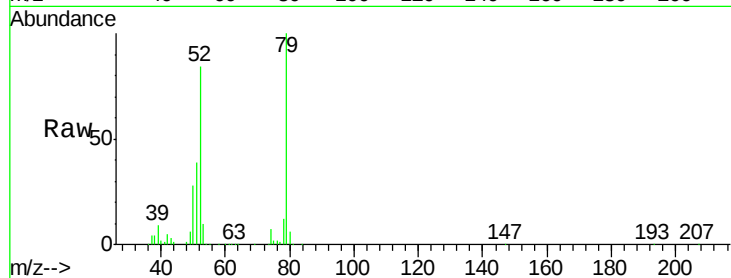
Tgt Ion: 79 Resp: 628603

Ion Ratio Lower Upper

79 100

52 83.7 57.1 85.7

51 38.8 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 15.37 ng

RT: 3.01 min Scan# 98

Delta R.T. 0.07 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

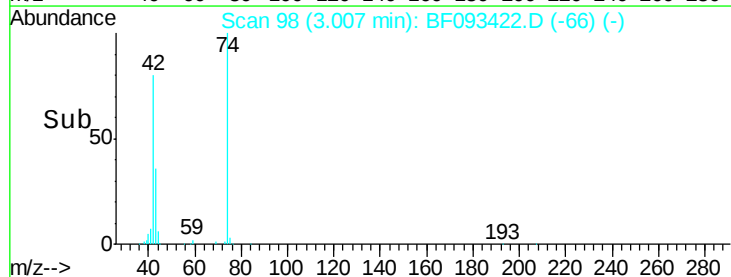
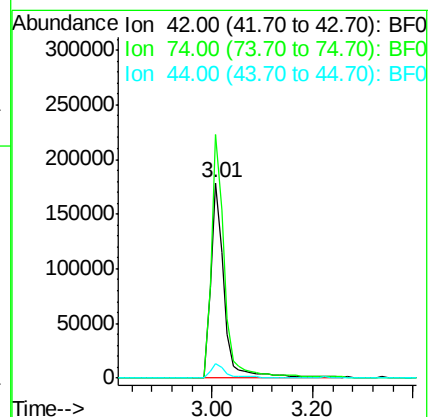
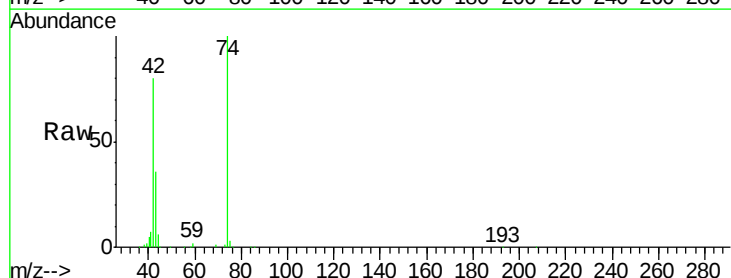
Tgt Ion: 42 Resp: 328702

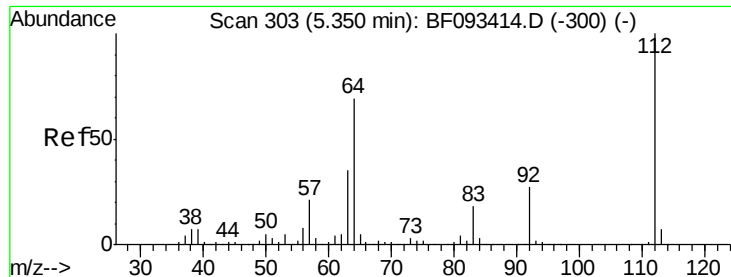
Ion Ratio Lower Upper

42 100

74 124.6 117.0 175.4

44 7.6 5.5 8.3





#5

2-Fluorophenol

Concen: 30.76 ng

RT: 5.36 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

Instrument :

BNA_F

ClientSampleId :

PB97390BS

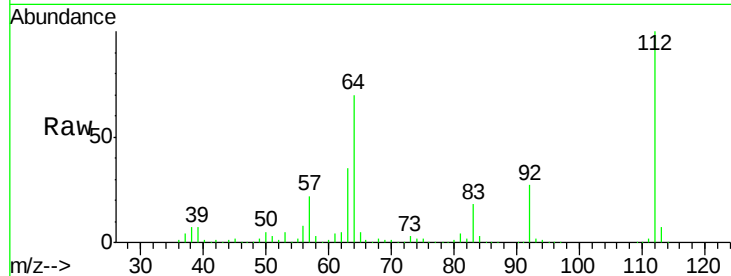
Tgt Ion: 112 Resp: 980827

Ion Ratio Lower Upper

112 100

64 69.7 46.1 69.1#

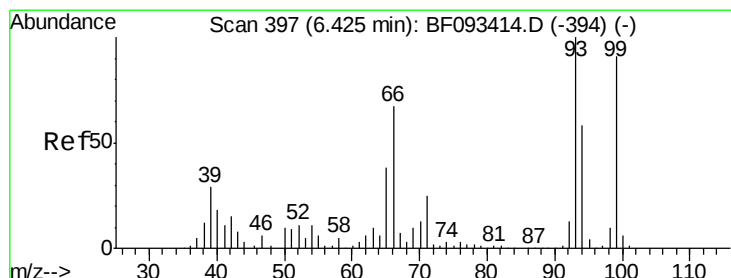
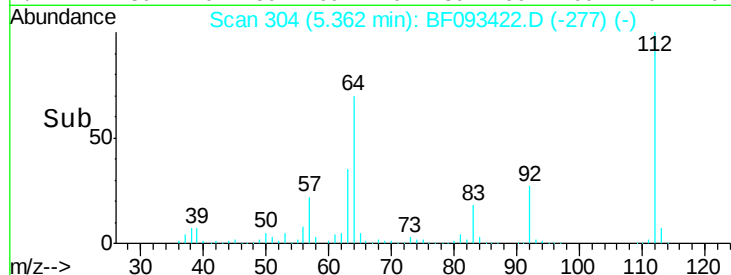
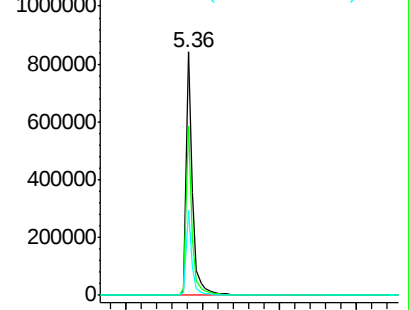
63 35.0 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 7.30 ng

RT: 6.42 min Scan# 397

Delta R.T. 0.00 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

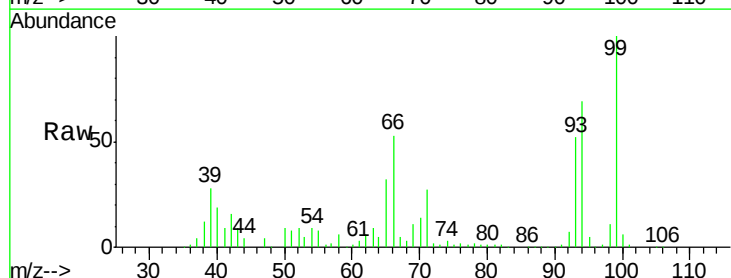
Tgt Ion: 93 Resp: 402616

Ion Ratio Lower Upper

93 100

66 101.6 76.2 114.2

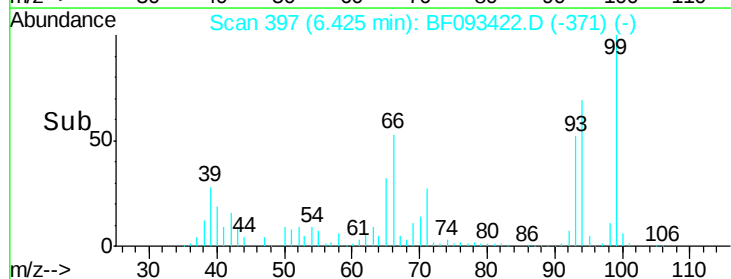
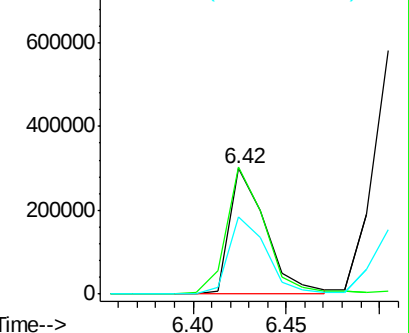
65 61.8 49.3 73.9

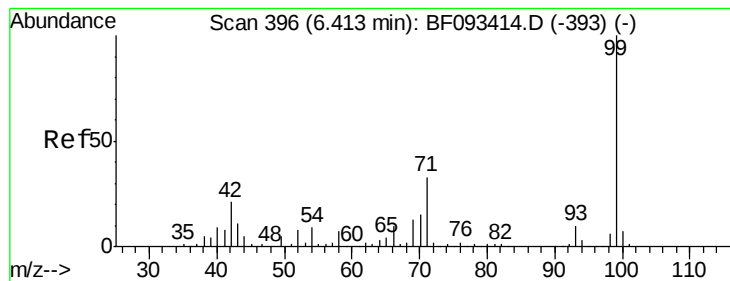


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 28.85 ng

RT: 6.41 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF093422.D

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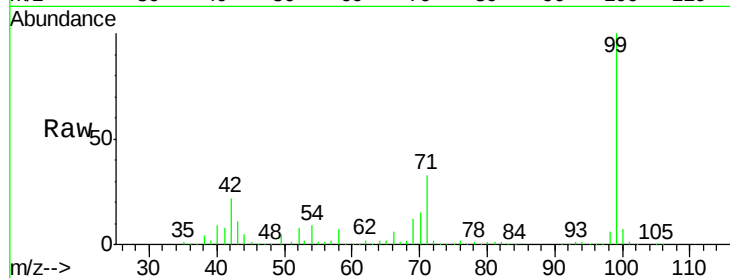
Tgt Ion: 99 Resp: 1160124

Ion Ratio Lower Upper

99 100

42 21.8 15.6 23.4

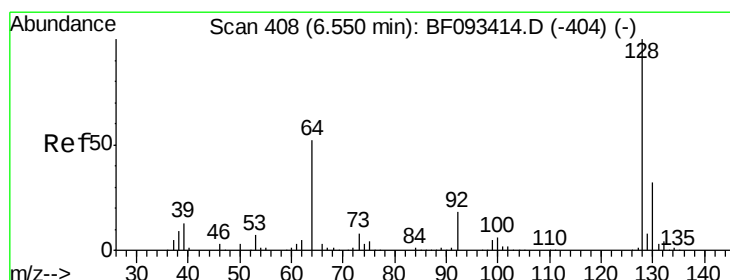
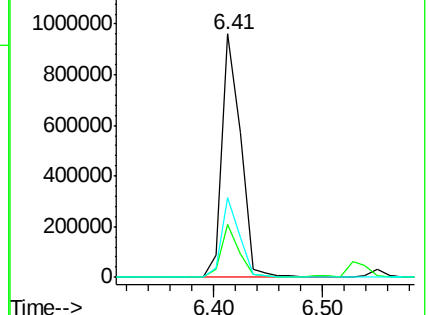
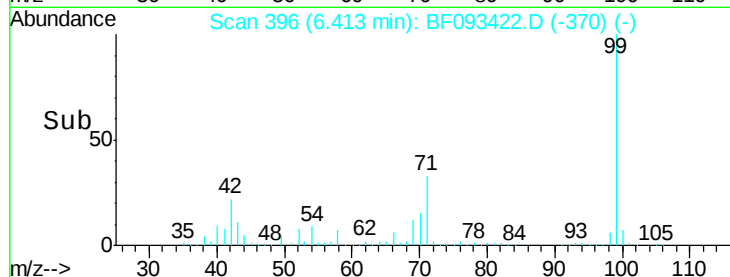
71 33.0 27.5 41.3



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: 14.54 ng

RT: 6.55 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

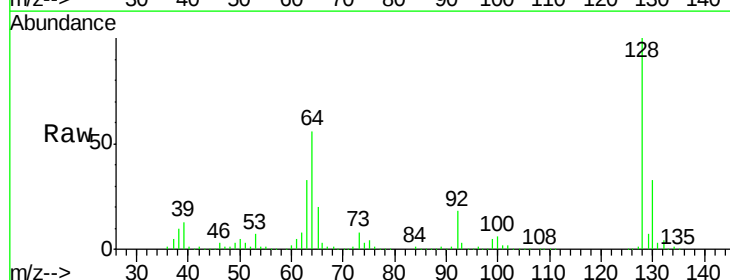
Tgt Ion: 128 Resp: 519413

Ion Ratio Lower Upper

128 100

130 32.9 12.3 52.3

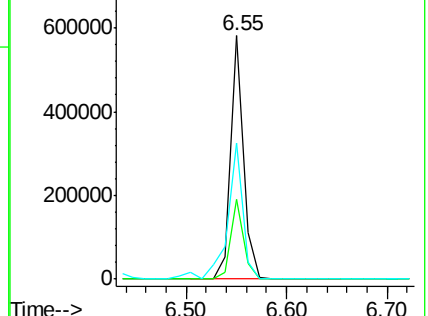
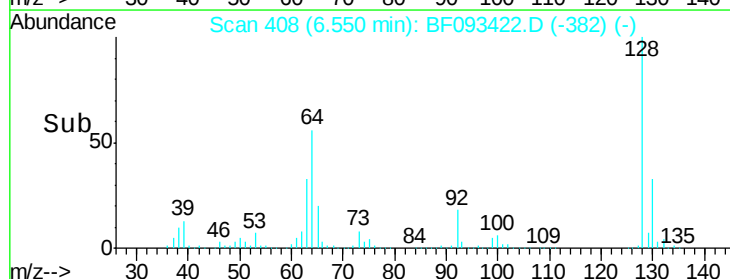
64 55.7 32.2 72.2

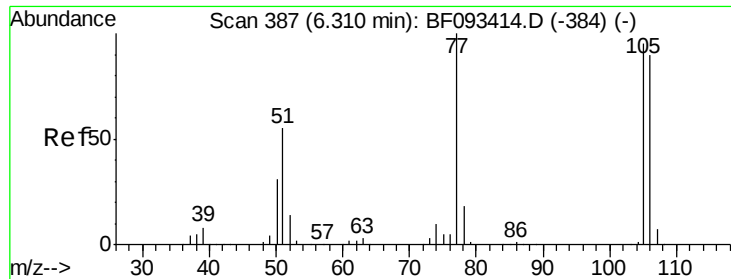


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 2.65 ng

RT: 6.31 min Scan# 387

Delta R.T. 0.00 min

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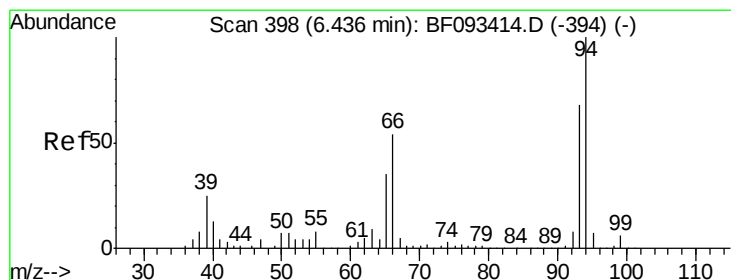
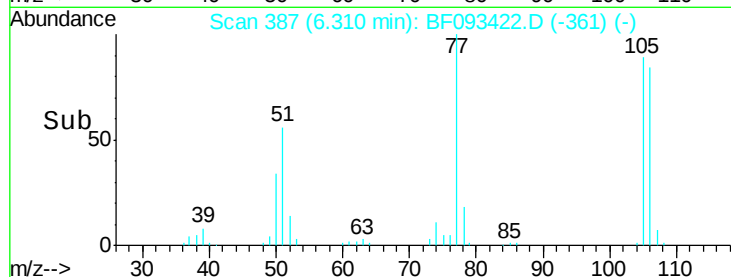
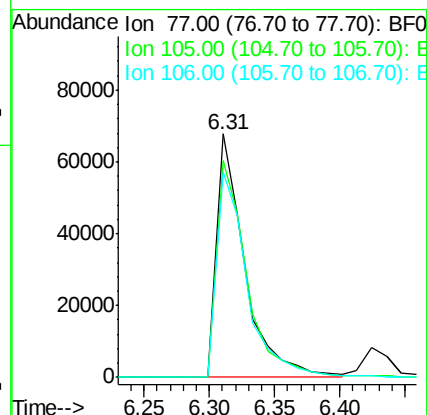
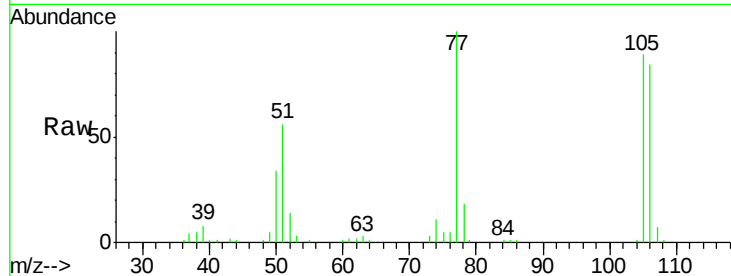
Tgt Ion: 77 Resp: 102471

Ion Ratio Lower Upper

77 100

105 88.8 83.9 123.9

106 84.1 77.6 117.6



#10

Phenol

Concen: 12.97 ng

RT: 6.44 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

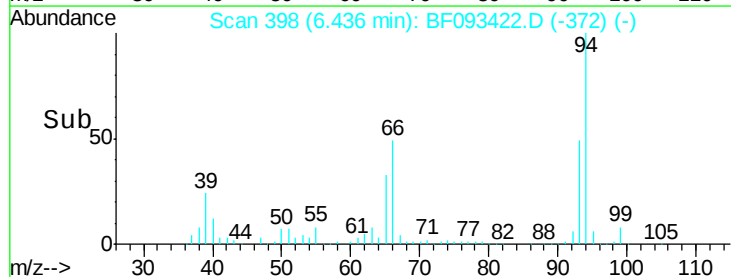
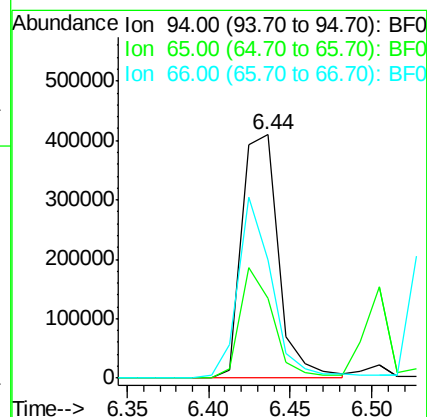
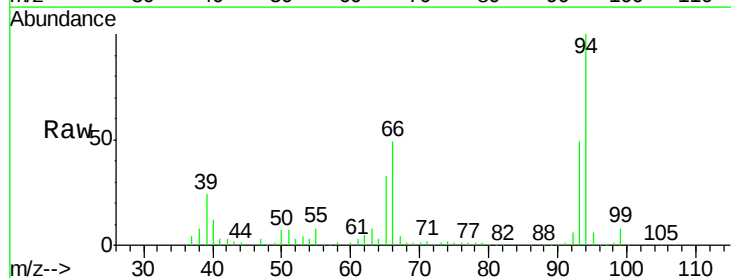
Tgt Ion: 94 Resp: 639247

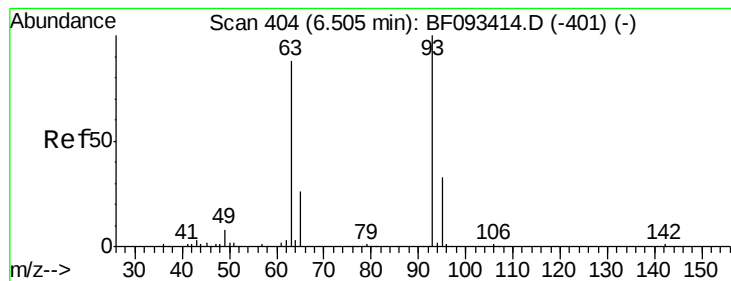
Ion Ratio Lower Upper

94 100

65 33.0 21.4 61.4

66 48.6 44.0 84.0





#11

bis(2-Chloroethyl)ether

Concen: 13.82 ng

RT: 6.50 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

Instrument :

BNA_F

ClientSampleId :

PB97390BS

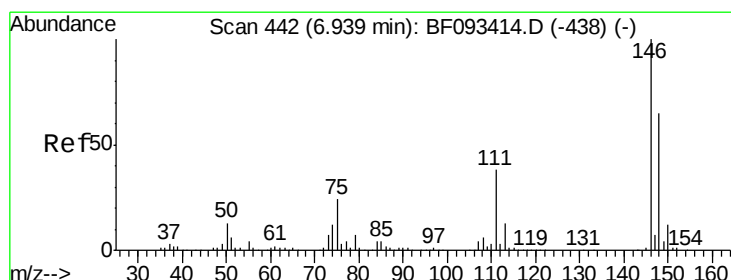
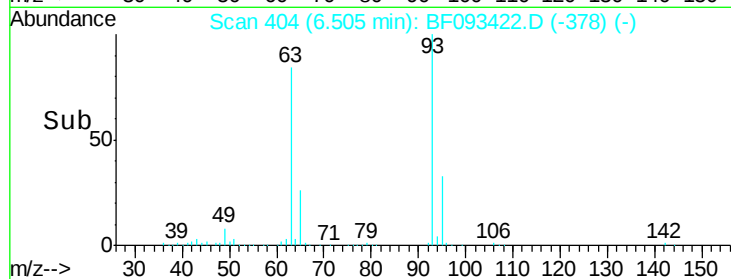
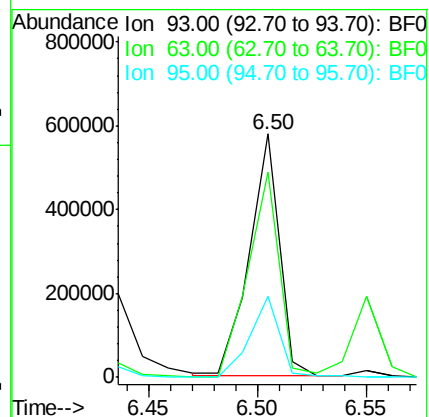
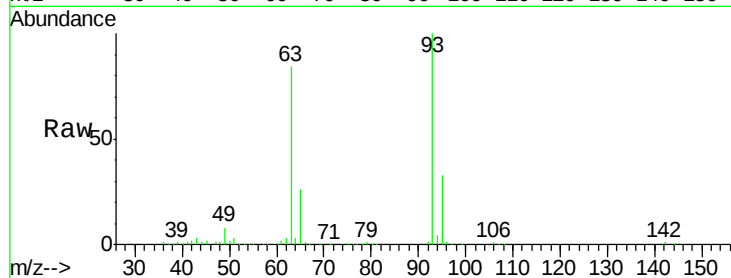
Tgt Ion: 93 Resp: 550489

Ion Ratio Lower Upper

93 100

63 84.1 60.4 100.4

95 33.1 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 12.25 ng

RT: 6.94 min Scan# 442

Delta R.T. 0.24 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

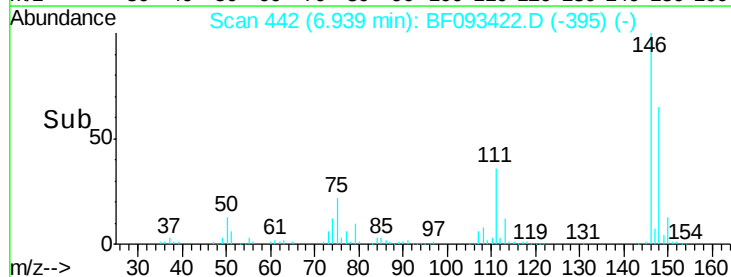
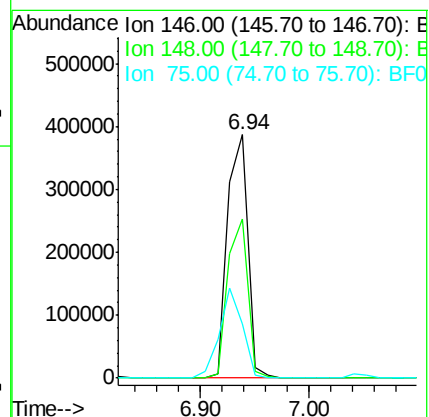
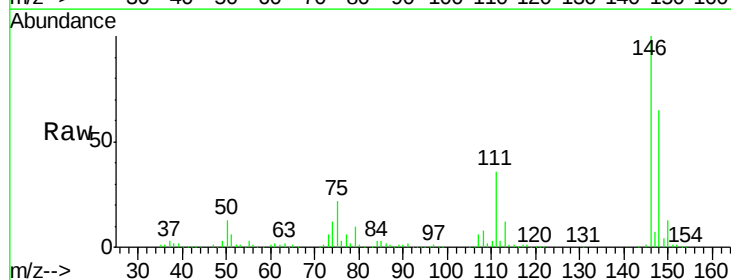
Tgt Ion: 146 Resp: 501004

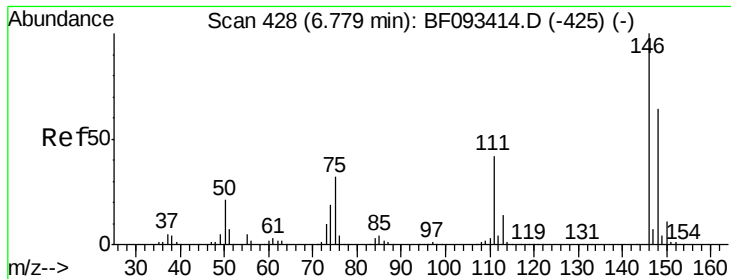
Ion Ratio Lower Upper

146 100

148 65.2 53.4 80.0

75 22.3 18.5 27.7

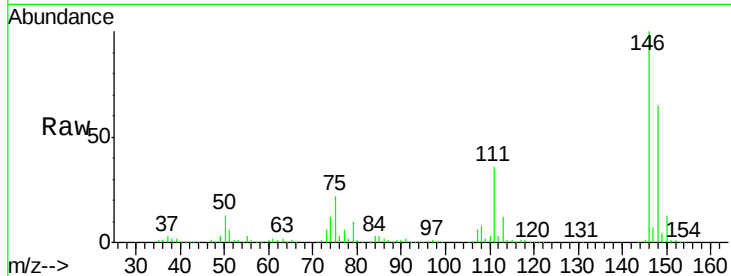




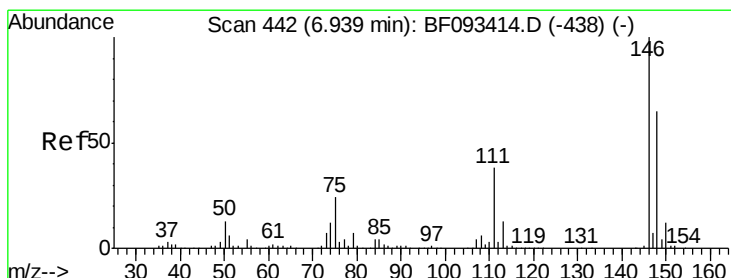
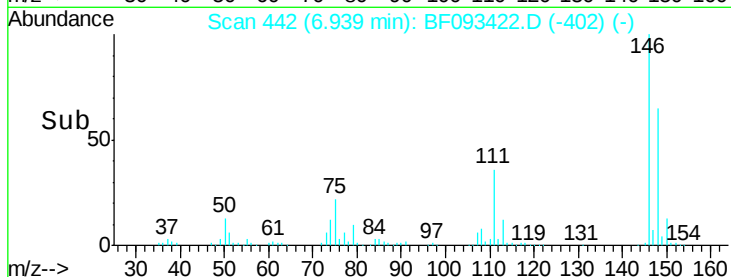
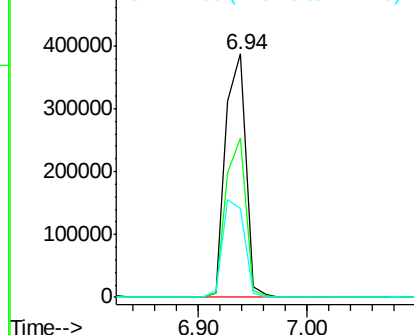
#13
 1,4-Dichlorobenzene
 Concen: 11.97 ng
 RT: 6.94 min Scan# 442
 Delta R.T. 0.16 min
 Lab File: BF093422.D
 Acq: 7 Mar 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :
 PB97390BS

Tgt Ion:146 Resp: 501004
 Ion Ratio Lower Upper
 146 100
 148 65.2 50.6 76.0
 111 36.4 36.2 54.4

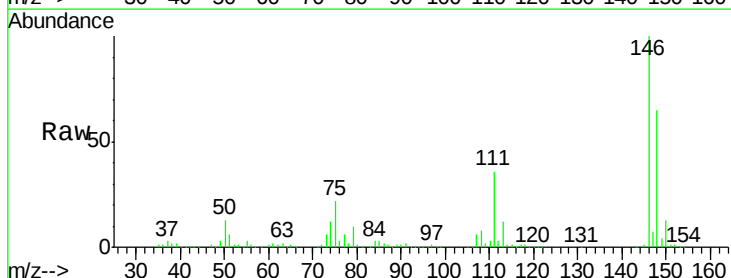


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

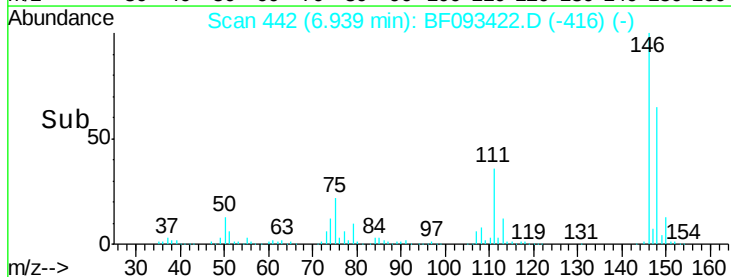
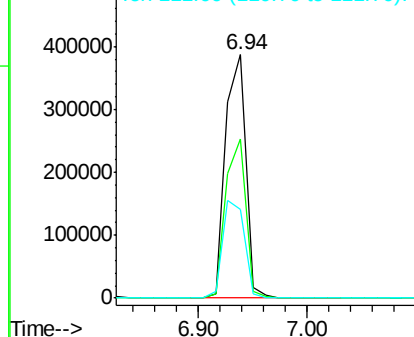


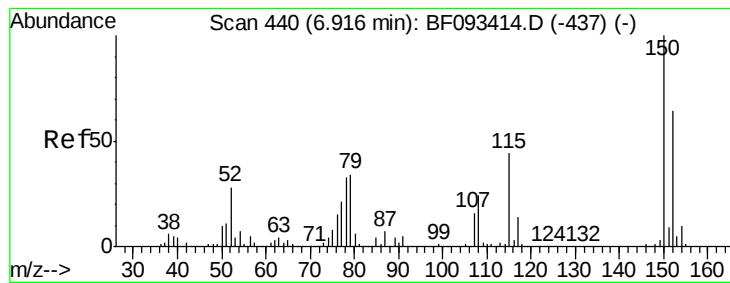
#14
 1,2-Dichlorobenzene
 Concen: 13.51 ng
 RT: 6.94 min Scan# 442
 Delta R.T. 0.00 min
 Lab File: BF093422.D
 Acq: 7 Mar 2017 16:47

Tgt Ion:146 Resp: 501004
 Ion Ratio Lower Upper
 146 100
 148 65.2 52.2 78.2
 111 36.4 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: 13.74 ng

RT: 6.92 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

Instrument :

BNA_F

ClientSampleId :

PB97390BS

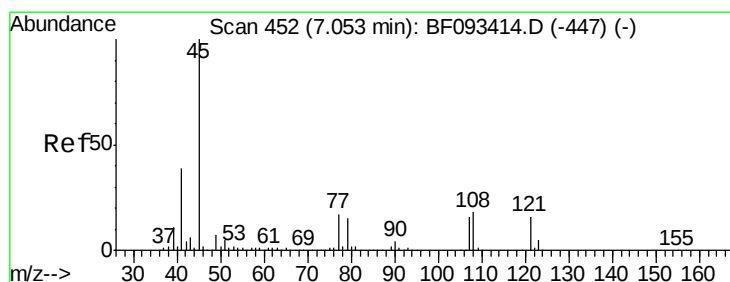
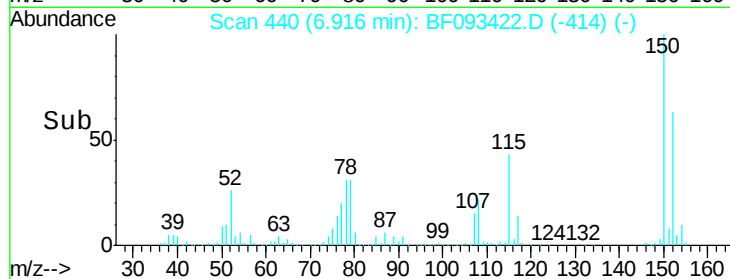
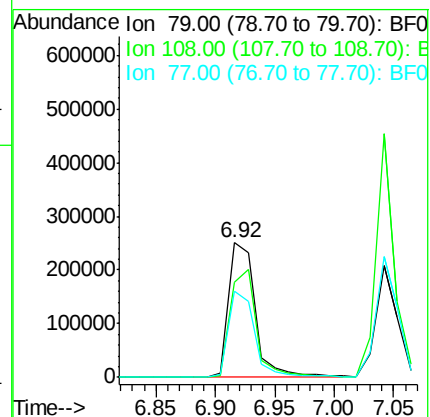
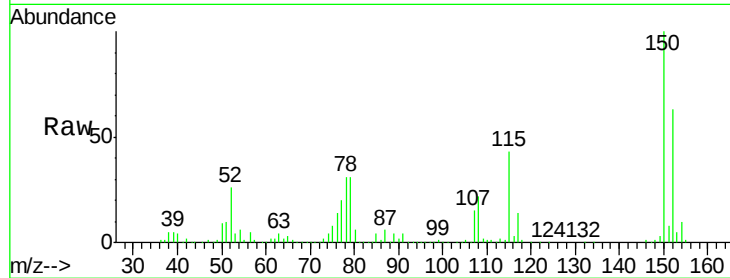
Tgt Ion: 79 Resp: 393805

Ion Ratio Lower Upper

79 100

108 70.4 61.4 92.0

77 63.9 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 13.73 ng

RT: 7.05 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

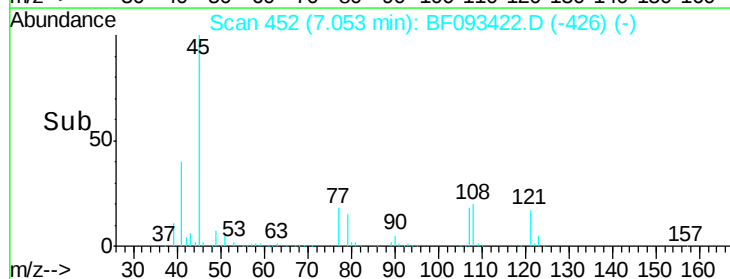
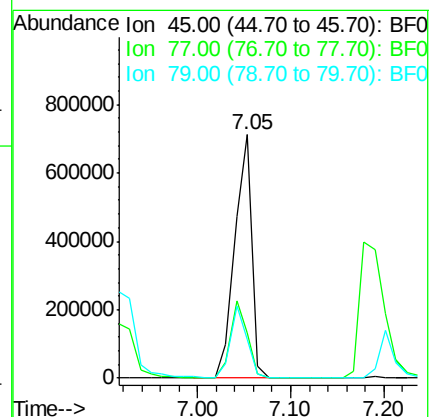
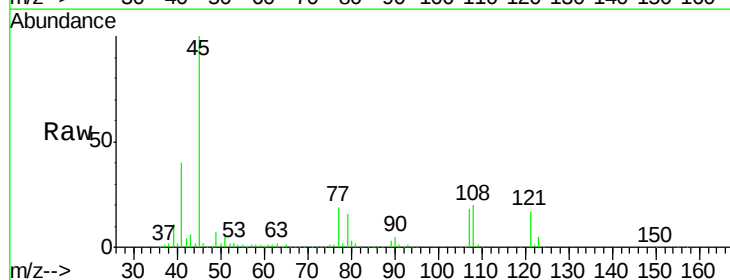
Tgt Ion: 45 Resp: 908221

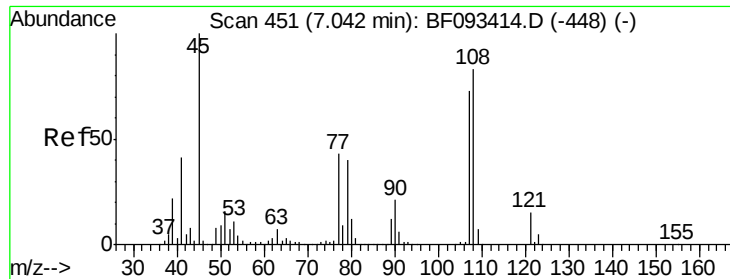
Ion Ratio Lower Upper

45 100

77 18.5 0.0 34.6

79 15.9 0.0 31.2

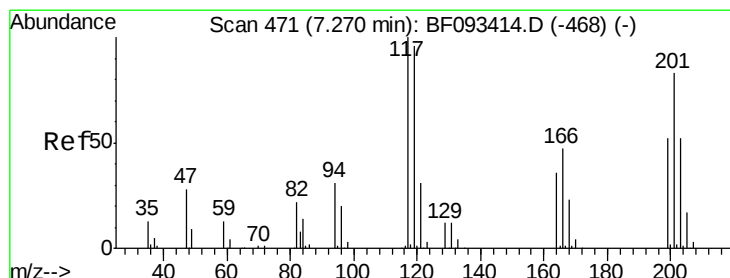
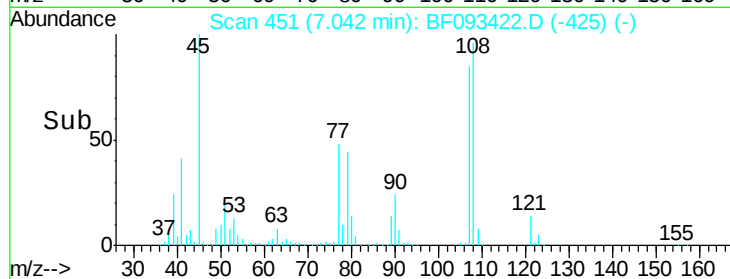
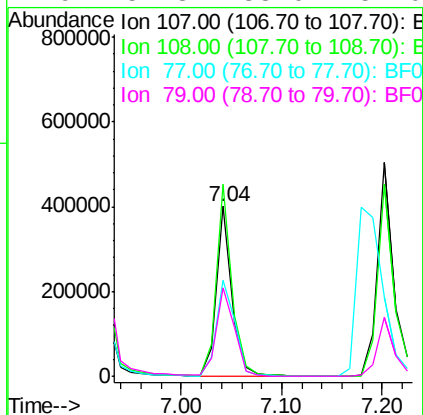
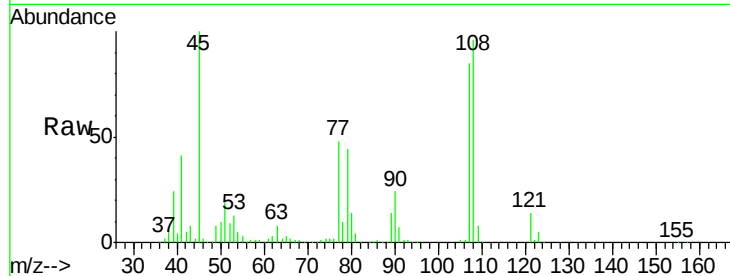




#17
2-Methylphenol
Concen: 14.13 ng
RT: 7.04 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF093422.D
Acq: 7 Mar 2017 16:47

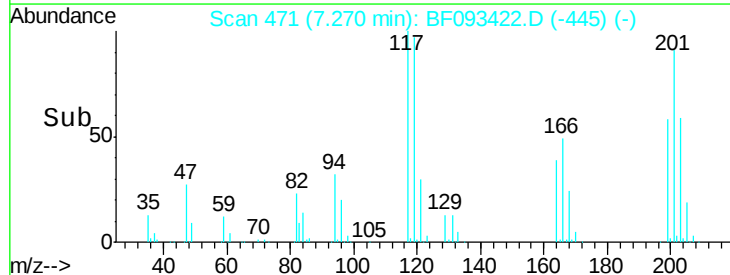
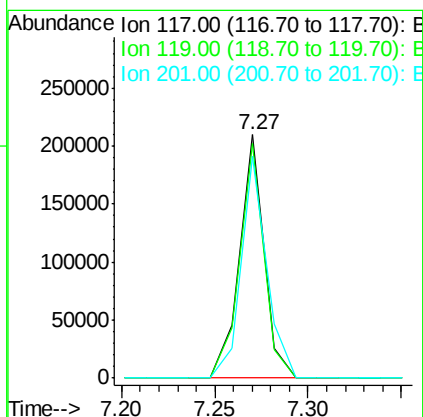
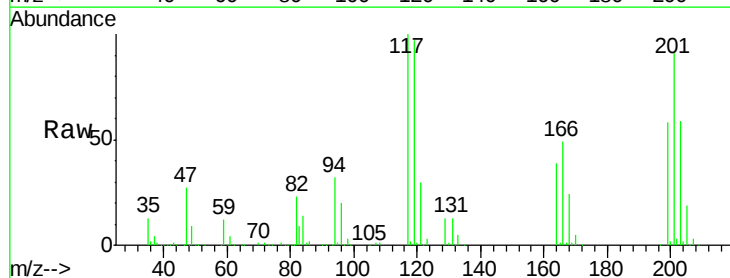
Instrument :
BNA_F
ClientSampleId :
PB97390BS

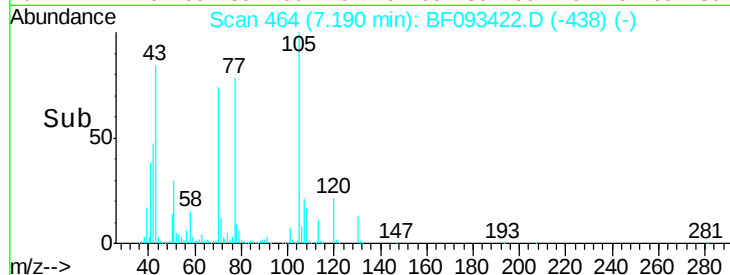
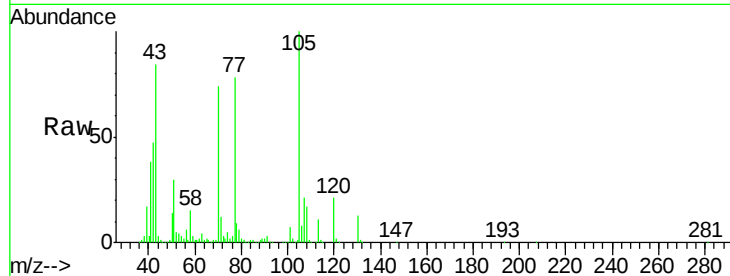
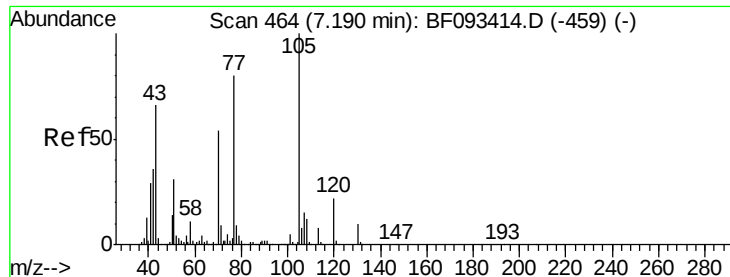
Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.4	93.0	139.6
77	56.4	39.8	59.8
79	52.3	38.0	57.0



#18
Hexachloroethane
Concen: 13.70 ng
RT: 7.27 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF093422.D
Acq: 7 Mar 2017 16:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	78.1	117.1
201	91.0	78.6	117.8

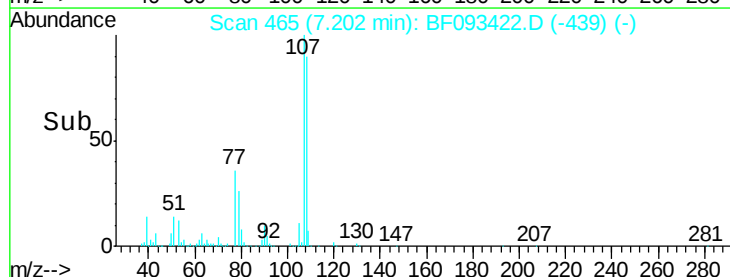
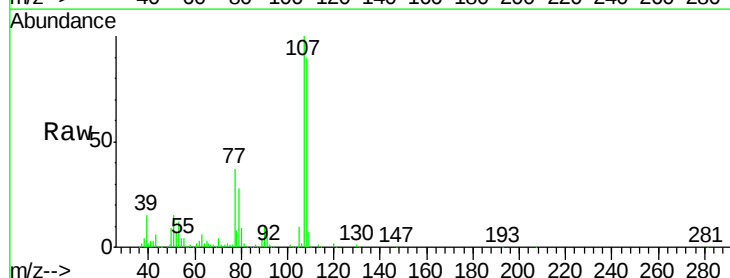
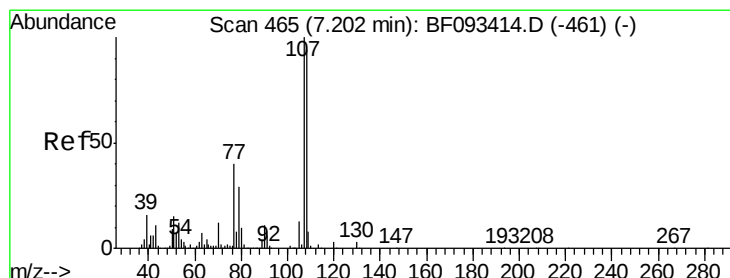
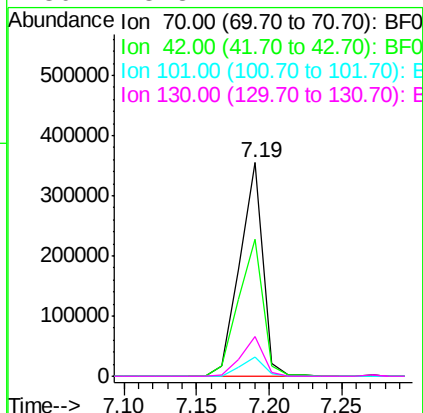




#19
n-Nitroso-di-n-propylamine
Concen: 14.26 ng
RT: 7.19 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF093422.D
Acq: 7 Mar 2017 16:47

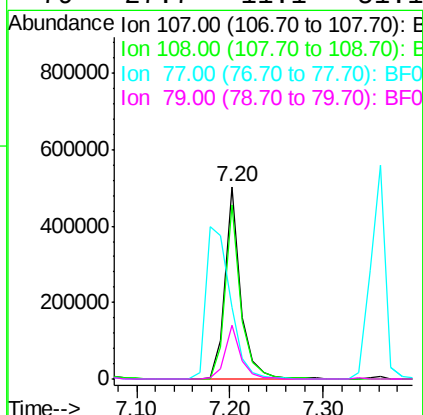
Instrument :
BNA_F
ClientSampleId :
PB97390BS

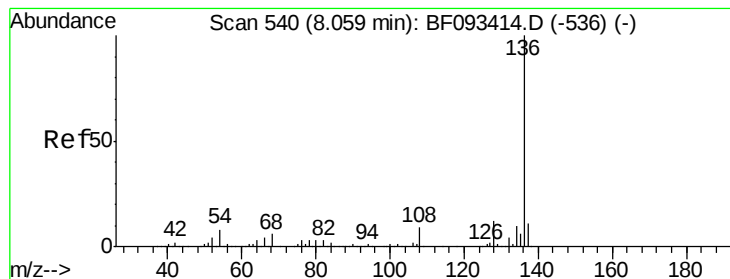
Tgt Ion:	70	Resp:	394208
Ion	Ratio	Lower	Upper
70	100		
42	64.2	49.4	74.0
101	9.0	7.4	11.2
130	18.3	14.2	21.4



#20
3+4-Methylphenols
Concen: 14.80 ng
RT: 7.20 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF093422.D
Acq: 7 Mar 2017 16:47

Tgt Ion:	107	Resp:	579996
Ion	Ratio	Lower	Upper
107	100		
108	90.2	73.0	113.0
77	37.4	71.3	111.3
79	27.7	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: BF093422.D

Acq: 7 Mar 2017 16:47

Instrument :

BNA_F

ClientSampleId :

PB97390BS

Tgt Ion:136 Resp: 695379

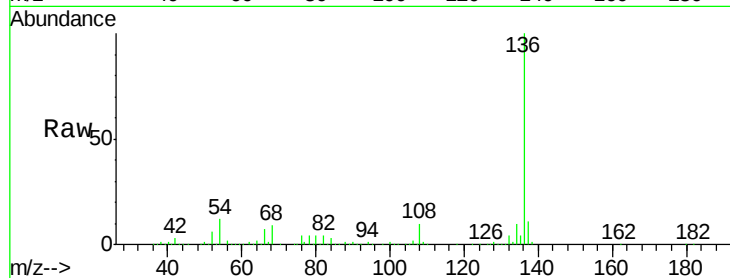
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 11.8 4.5 6.7#

68 8.6 3.6 5.4#

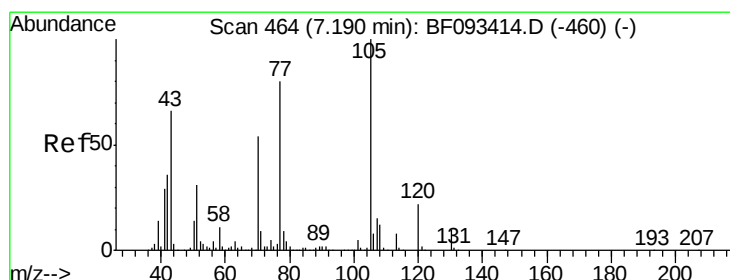
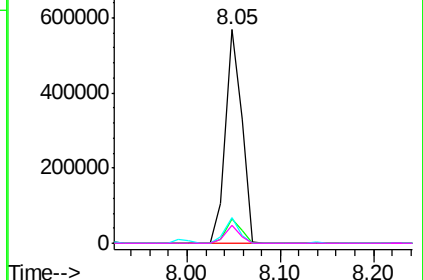
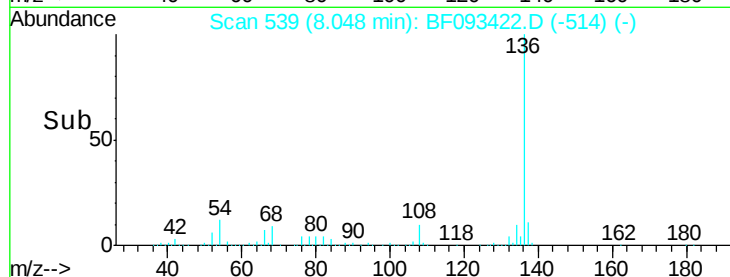


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.29 ng

RT: 7.18 min Scan# 463

Delta R.T. -0.01 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

Tgt Ion:105 Resp: 724395

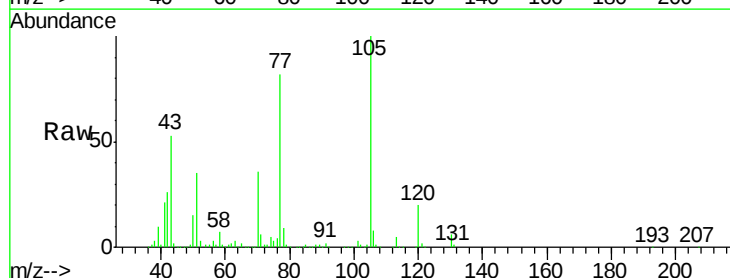
Ion Ratio Lower Upper

105 100

71 5.9 3.2 4.8#

51 34.9 26.2 39.4

120 20.4 16.6 24.8

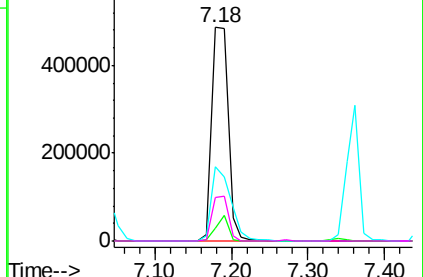
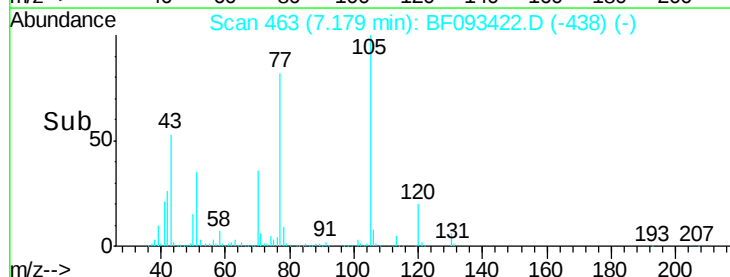


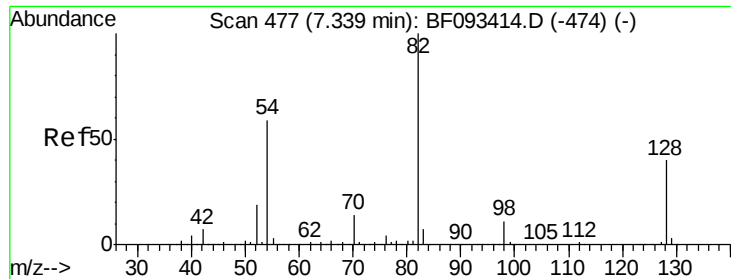
Abundance Ion 105.00 (104.70 to 105.70): E

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

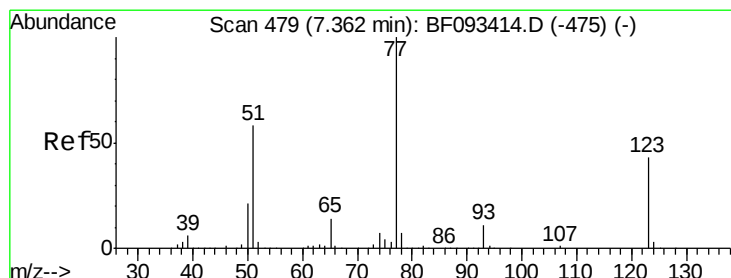
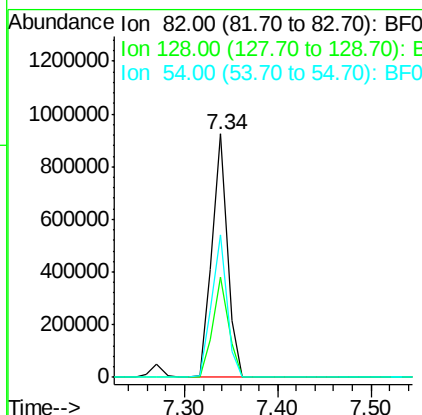
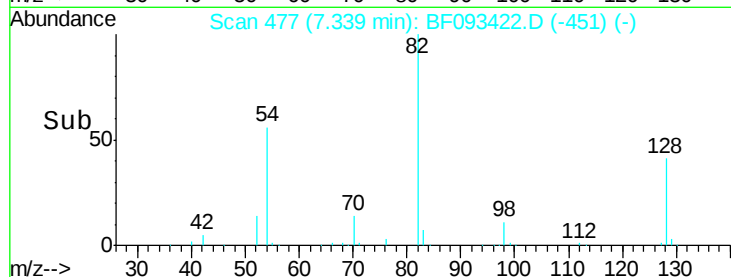
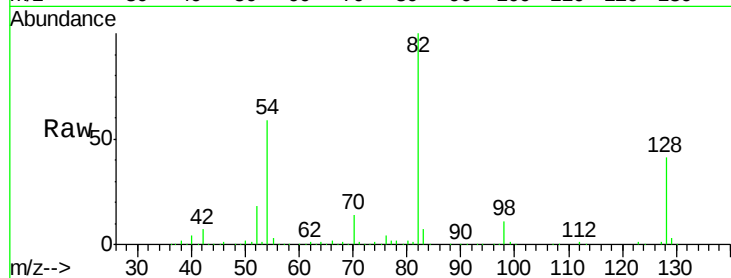




#23
 Nitrobenzene-d5
 Concen: 85.86 ng
 RT: 7.34 min Scan# 477
 Delta R.T. 0.00 min
 Lab File: BF093422.D
 Acq: 7 Mar 2017 16:47

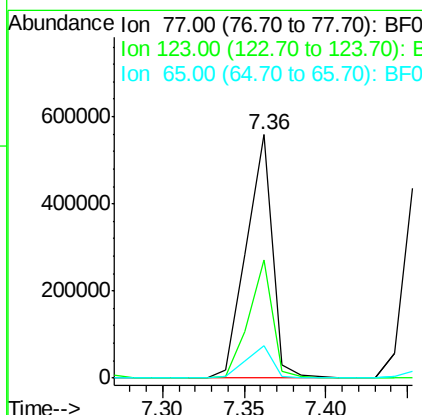
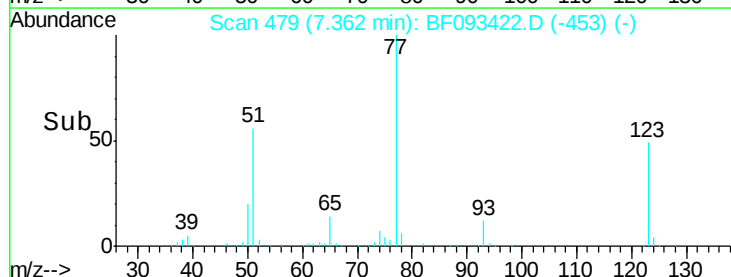
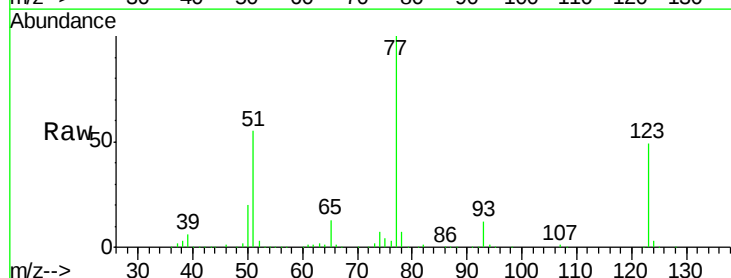
Instrument :
 BNA_F
 ClientSampleId :
 PB97390BS

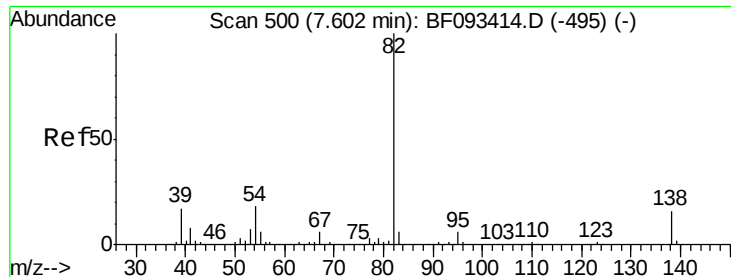
Tgt Ion: 82 Resp: 1076089
 Ion Ratio Lower Upper
 82 100
 128 40.9 34.6 52.0
 54 58.5 39.5 59.3



#24
 Nitrobenzene
 Concen: 43.73 ng
 RT: 7.36 min Scan# 479
 Delta R.T. 0.00 min
 Lab File: BF093422.D
 Acq: 7 Mar 2017 16:47

Tgt Ion: 77 Resp: 615900
 Ion Ratio Lower Upper
 77 100
 123 48.6 33.0 49.4
 65 13.5 11.2 16.8





#25

Isophorone

Concen: 42.12 ng

RT: 7.60 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

Instrument :

BNA_F

ClientSampleId :

PB97390BS

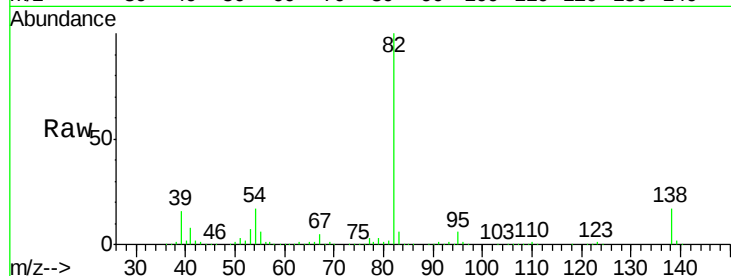
Tgt Ion: 82 Resp: 1064627

Ion Ratio Lower Upper

82 100

95 6.4 5.6 8.4

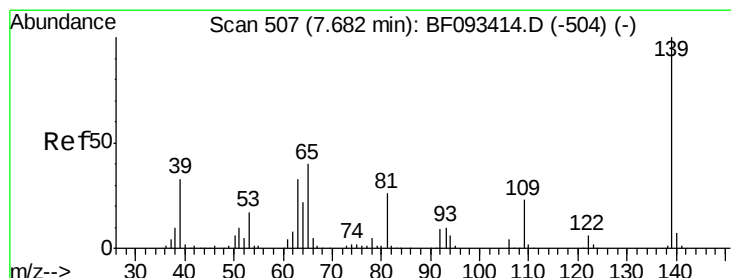
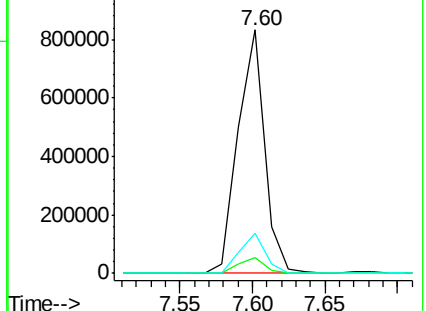
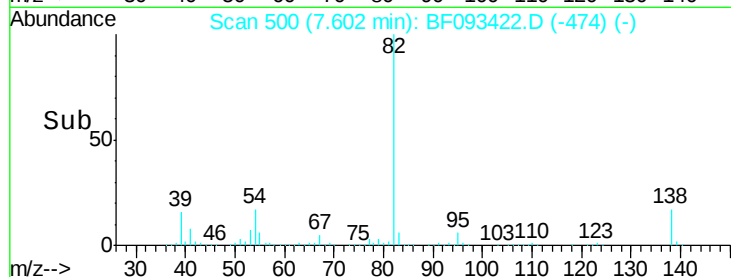
138 16.7 14.6 22.0



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: 44.58 ng

RT: 7.68 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

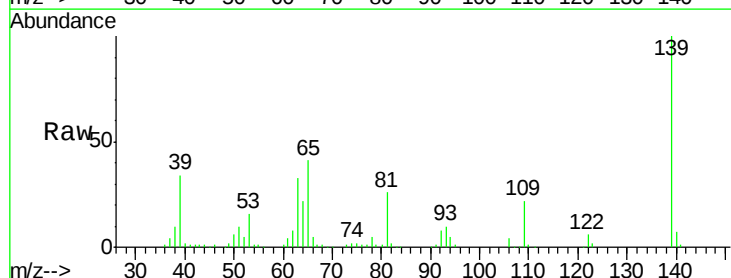
Tgt Ion: 139 Resp: 286477

Ion Ratio Lower Upper

139 100

109 22.3 23.3 34.9#

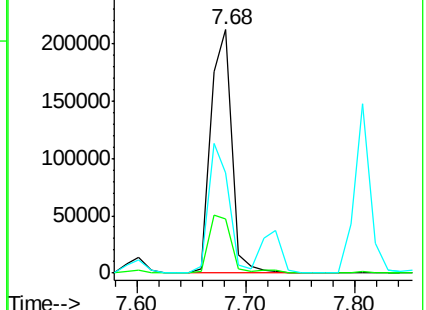
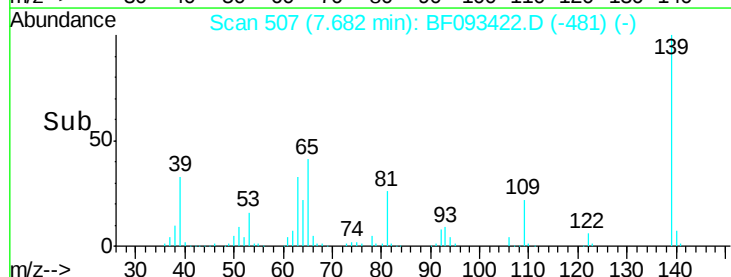
65 41.0 42.7 64.1#

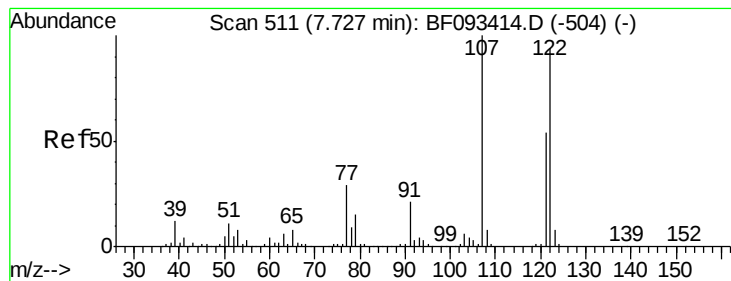


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 45.80 ng

RT: 7.73 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

Instrument :

BNA_F

ClientSampleId :

PB97390BS

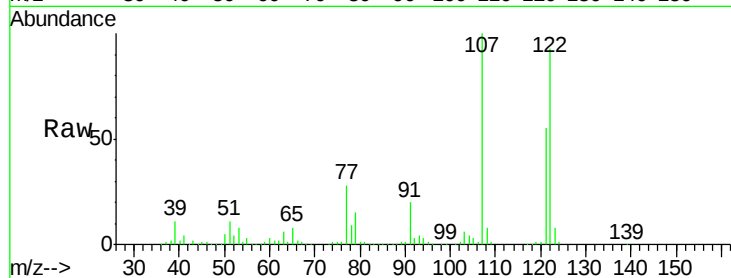
Tgt Ion:122 Resp: 478808

Ion Ratio Lower Upper

122 100

107 107.2 94.1 141.1

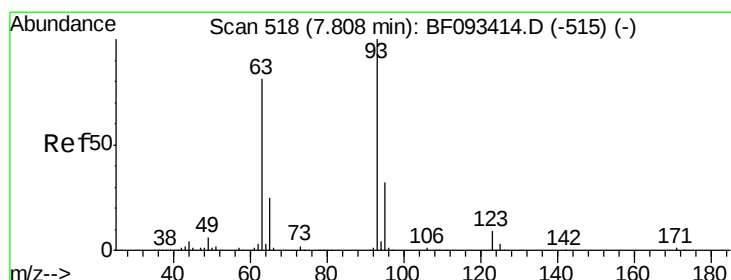
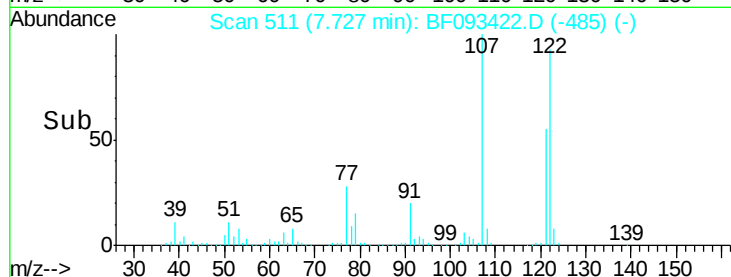
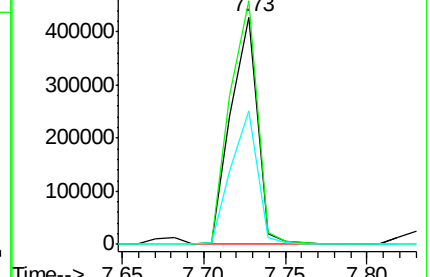
121 58.6 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.02 ng

RT: 7.81 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

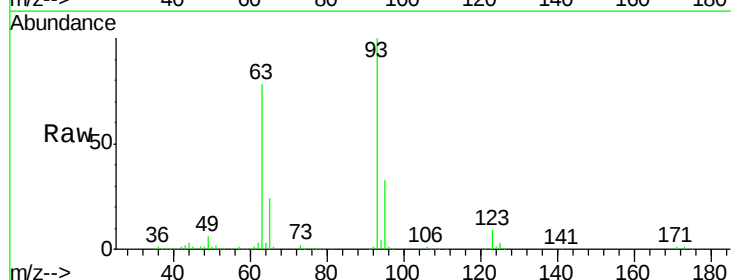
Tgt Ion: 93 Resp: 654464

Ion Ratio Lower Upper

93 100

95 32.5 26.5 39.7

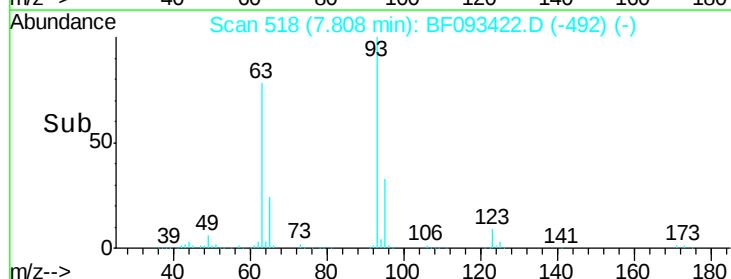
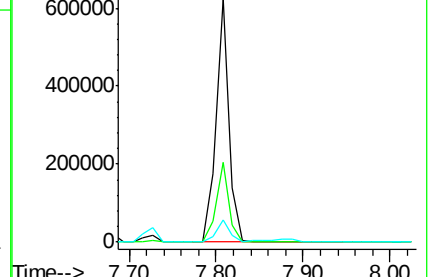
123 9.3 8.6 13.0

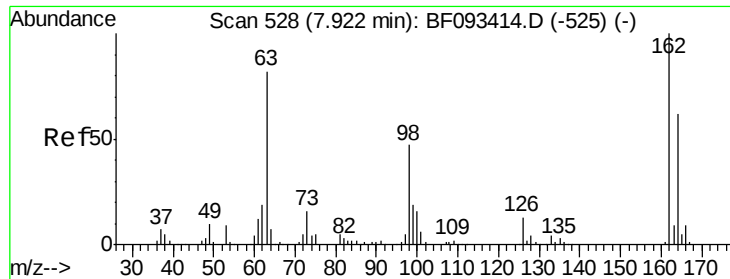


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

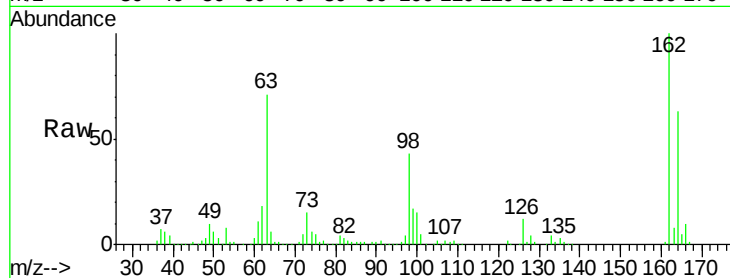




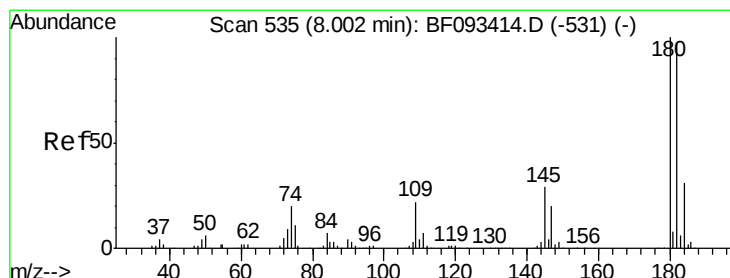
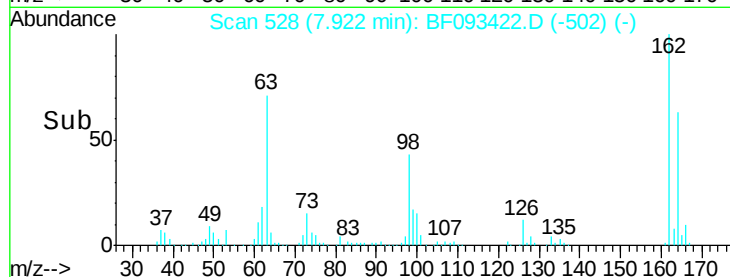
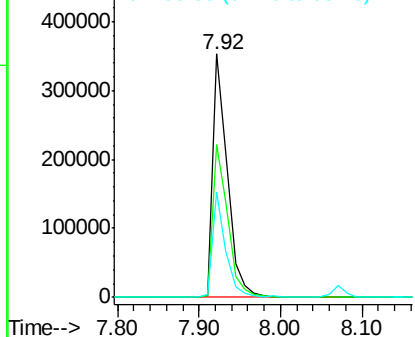
#29
 2,4-Dichlorophenol
 Concen: 45.24 ng
 RT: 7.92 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: BF093422.D
 Acq: 7 Mar 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :
 PB97390BS

Tgt Ion:162 Resp: 444898
 Ion Ratio Lower Upper
 162 100
 164 62.8 46.8 86.8
 98 43.2 9.1 49.1

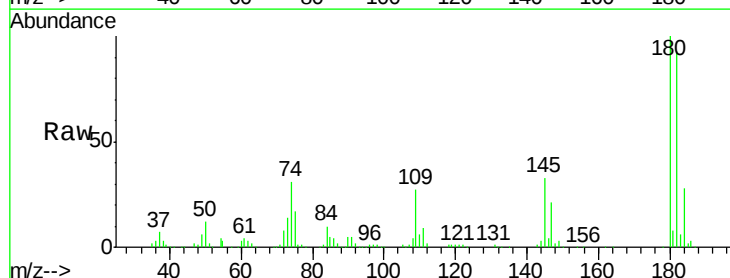


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

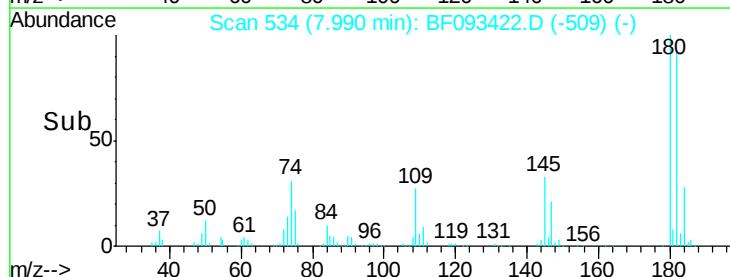
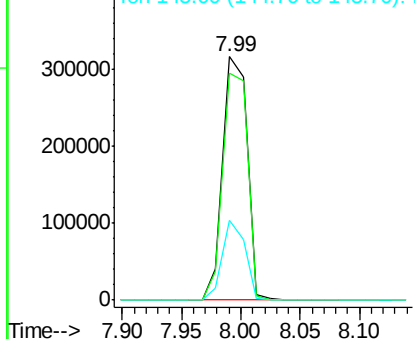


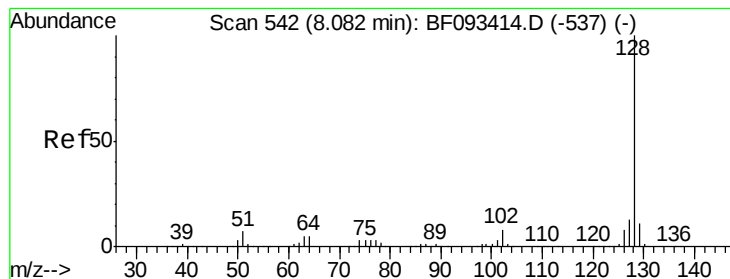
#30
 1,2,4-Trichlorobenzene
 Concen: 43.04 ng
 RT: 7.99 min Scan# 534
 Delta R.T. -0.01 min
 Lab File: BF093422.D
 Acq: 7 Mar 2017 16:47

Tgt Ion:180 Resp: 450196
 Ion Ratio Lower Upper
 180 100
 182 93.3 78.2 117.4
 145 32.7 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: 40.04 ng

RT: 8.07 min Scan# 541

Delta R.T. -0.01 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

Instrument :

BNA_F

ClientSampleId :

PB97390BS

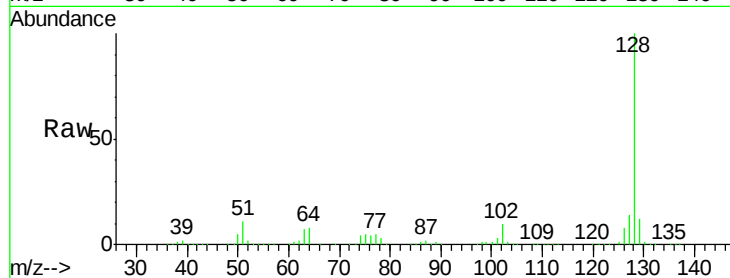
Tgt Ion:128 Resp: 1395127

Ion Ratio Lower Upper

128 100

129 11.6 9.5 14.3

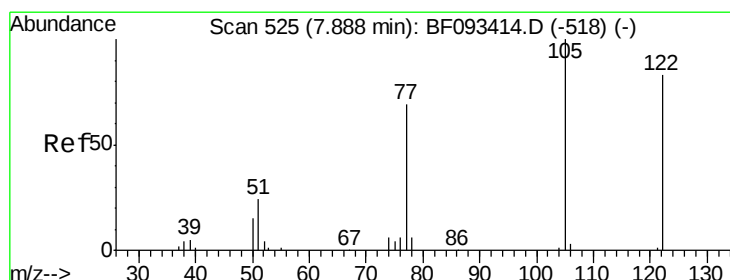
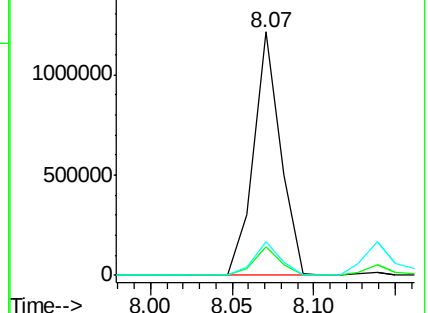
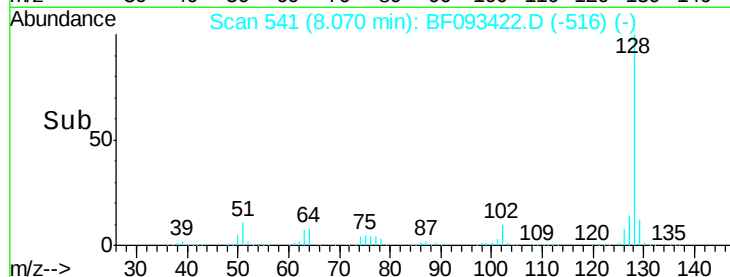
127 14.0 10.8 16.2



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: 51.64 ng

RT: 7.89 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

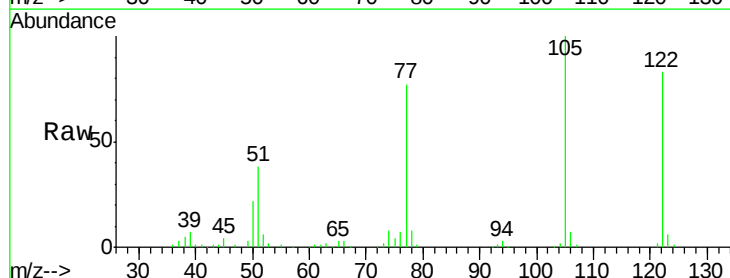
Tgt Ion:122 Resp: 280519

Ion Ratio Lower Upper

122 100

105 121.0 107.2 147.2

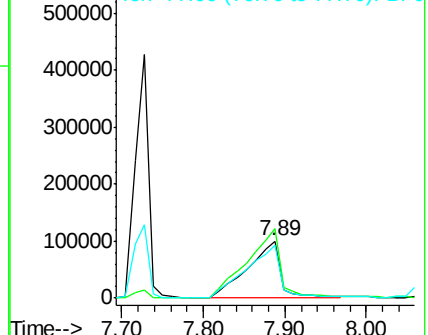
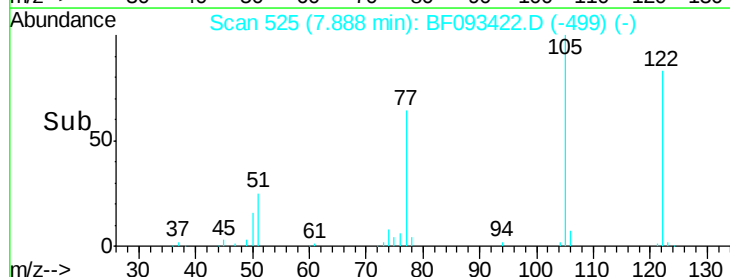
77 93.2 74.5 114.5

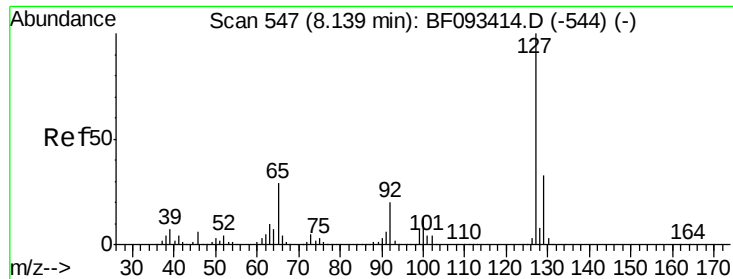


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

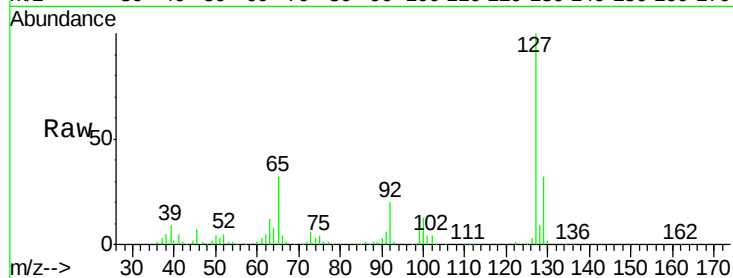




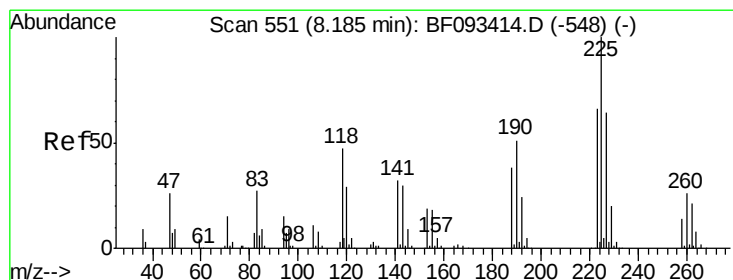
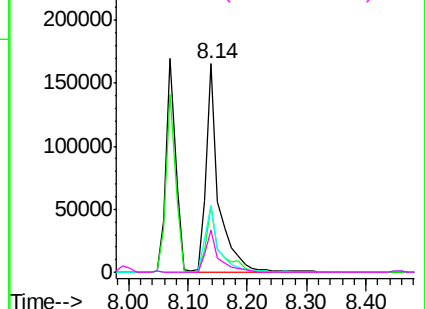
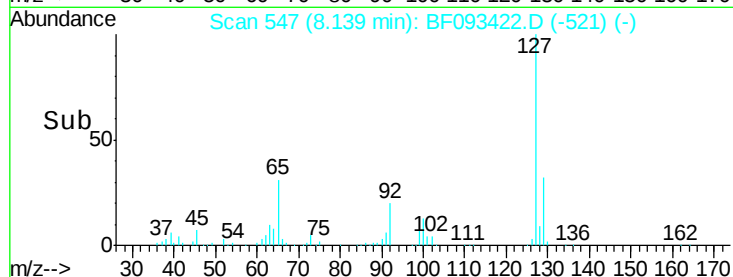
#33
 4-Chloroaniline
 Concen: 17.92 ng
 RT: 8.14 min Scan# 547
 Delta R.T. 0.00 min
 Lab File: BF093422.D
 Acq: 7 Mar 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :
 PB97390BS

Tgt Ion:	127	Resp:	253387
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.3	39.5
65	32.2	25.8	38.8
92	20.3	16.1	24.1

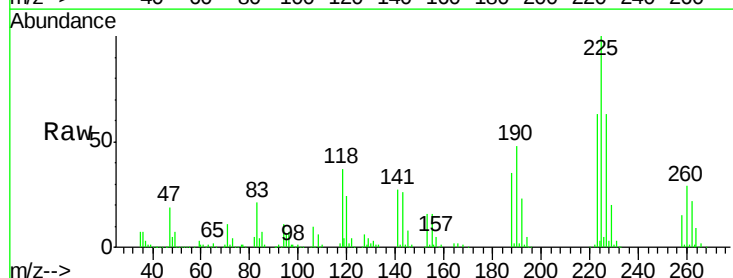


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

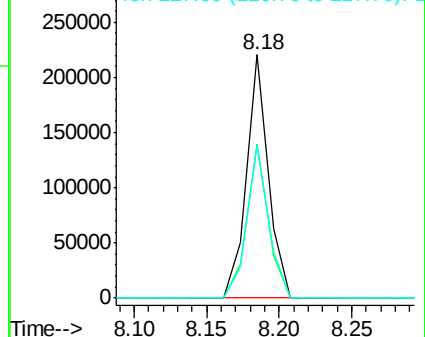
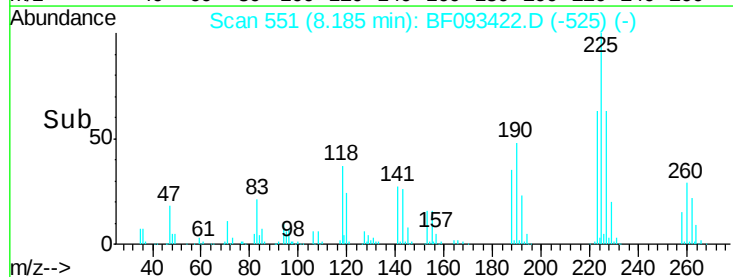


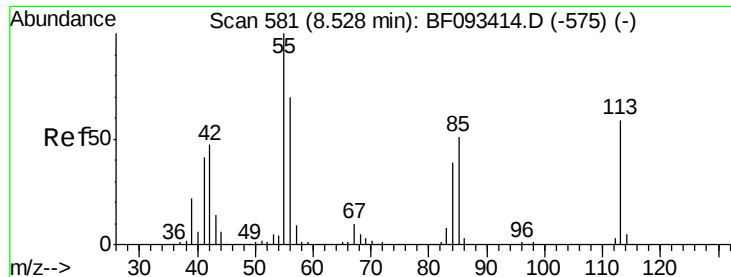
#34
 Hexachlorobutadiene
 Concen: 42.75 ng
 RT: 8.18 min Scan# 551
 Delta R.T. 0.00 min
 Lab File: BF093422.D
 Acq: 7 Mar 2017 16:47

Tgt Ion:	225	Resp:	230315
Ion	Ratio	Lower	Upper
225	100		
223	63.4	51.0	76.6
227	62.7	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: 30.15 ng

RT: 8.52 min Scan# 580

Delta R.T. -0.01 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

Instrument :

BNA_F

ClientSampleId :

PB97390BS

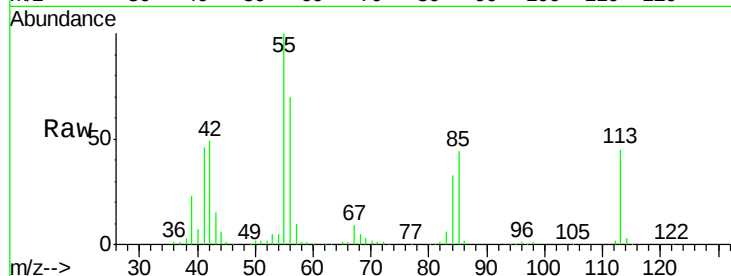
Tgt Ion:113 Resp: 101260

Ion Ratio Lower Upper

113 100

55 220.7 119.2 159.2#

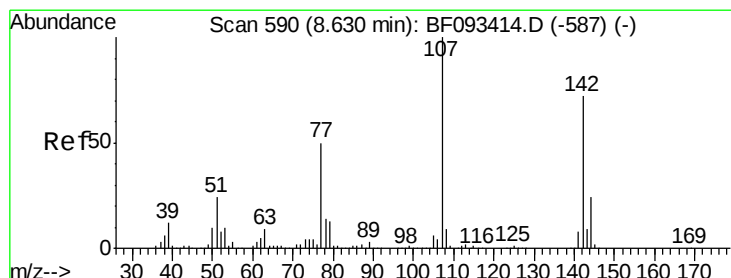
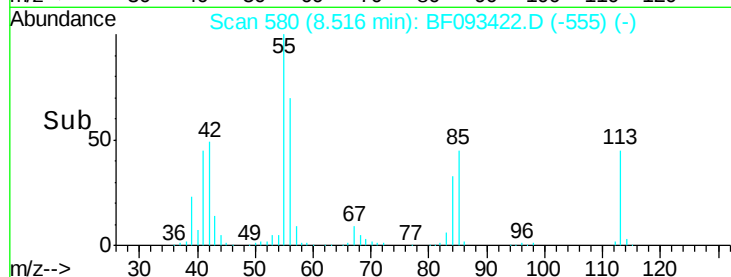
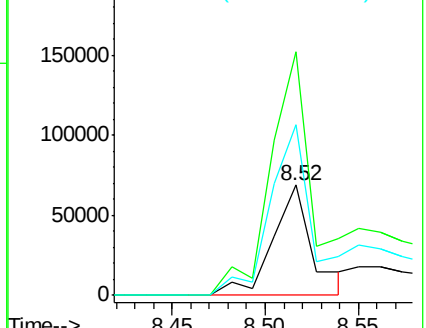
56 154.2 83.8 123.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 43.05 ng

RT: 8.63 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

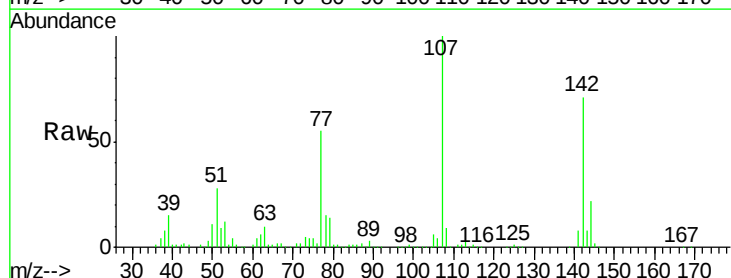
Tgt Ion:107 Resp: 451885

Ion Ratio Lower Upper

107 100

144 21.9 19.3 28.9

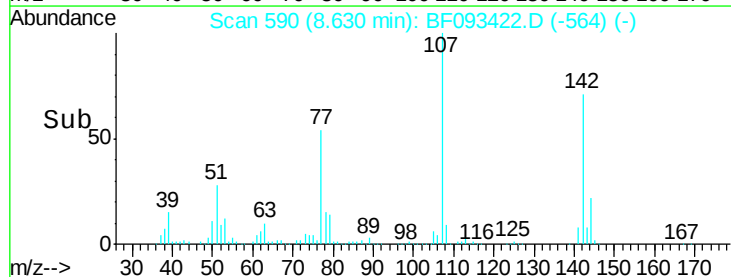
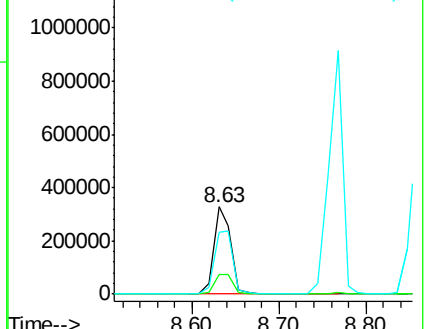
142 70.8 59.0 88.6

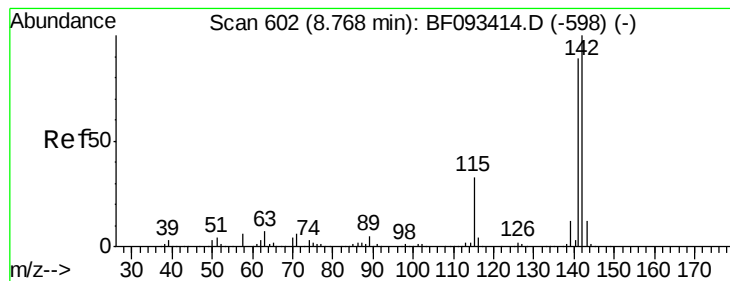


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 44.57 ng

RT: 8.77 min Scan# 602

Delta R.T. 0.00 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

Instrument :

BNA_F

ClientSampleId :

PB97390BS

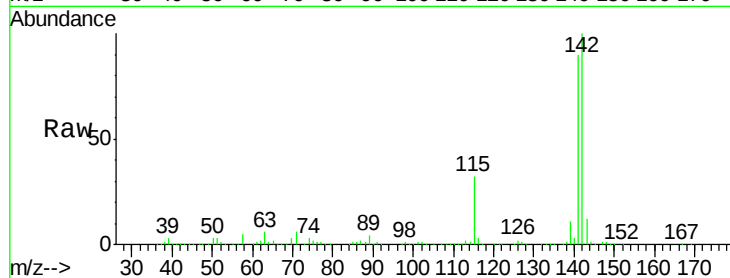
Tgt Ion:142 Resp: 988104

Ion Ratio Lower Upper

142 100

141 90.1 71.0 106.6

115 32.1 28.3 42.5



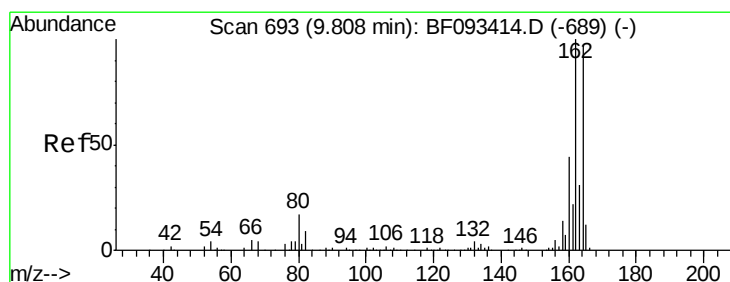
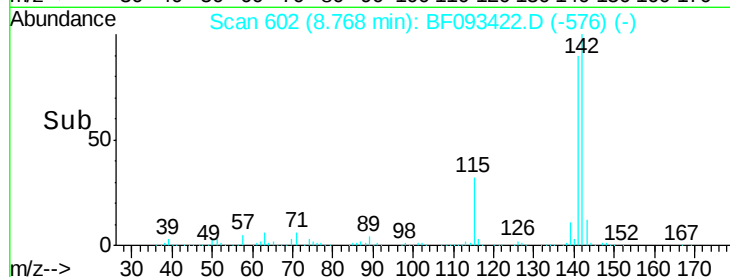
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

8.77

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.81 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

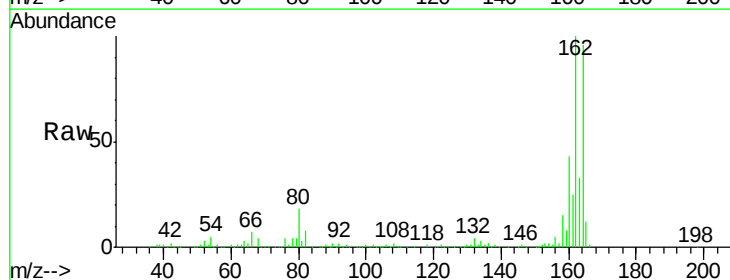
Tgt Ion:164 Resp: 343104

Ion Ratio Lower Upper

164 100

162 104.6 80.2 120.2

160 45.5 36.9 55.3



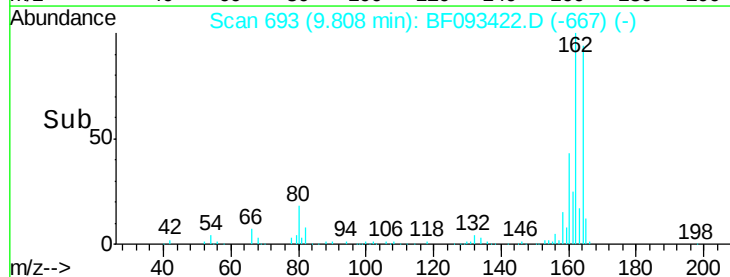
Abundance Ion 164.00 (163.70 to 164.70): E

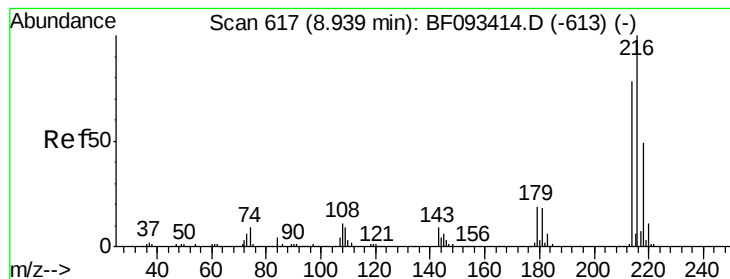
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

9.81

Time-->





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.48 ng

RT: 8.94 min Scan# 617

Delta R.T. 0.00 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

Instrument :

BNA_F

ClientSampleId :

PB97390BS

Tgt Ion:216 Resp: 416719

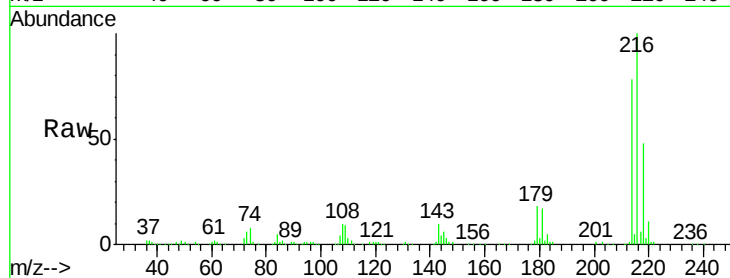
Ion Ratio Lower Upper

216 100

214 79.4 63.4 95.0

179 20.9 17.4 26.2

108 20.4 15.6 23.4

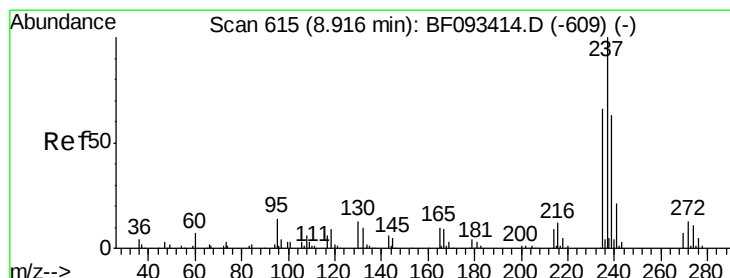
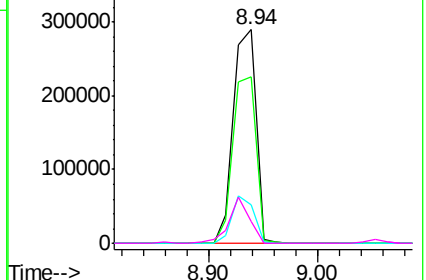
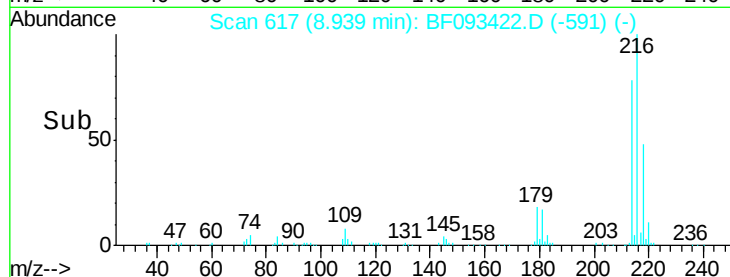


Abundance Ion 216.00 (215.70 to 216.70): E

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: 95.32 ng

RT: 8.92 min Scan# 615

Delta R.T. 0.00 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

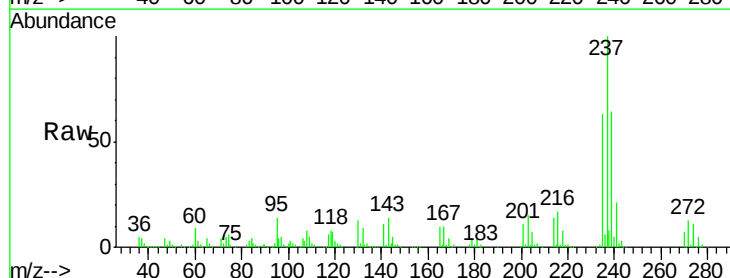
Tgt Ion:237 Resp: 231783

Ion Ratio Lower Upper

237 100

235 62.8 41.2 81.2

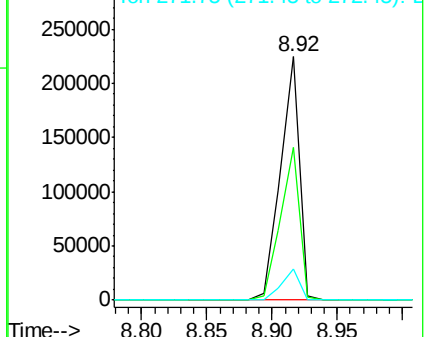
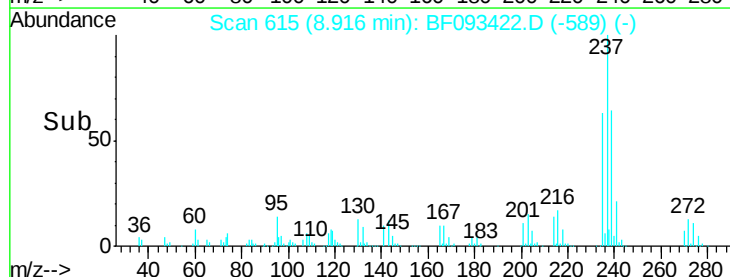
272 12.8 0.0 35.4

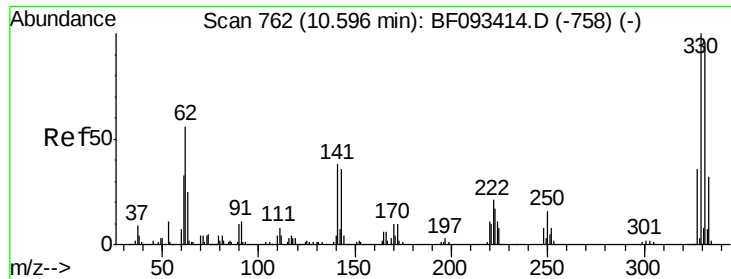


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

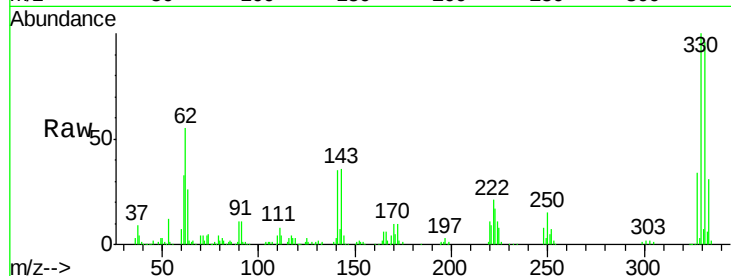




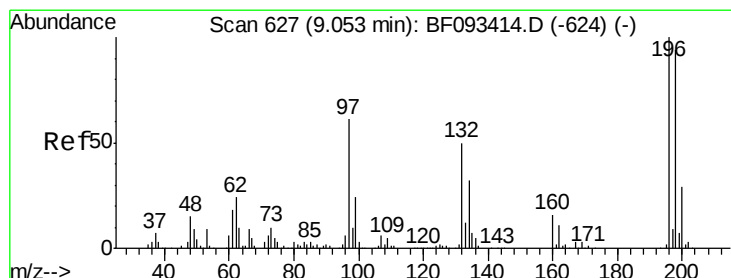
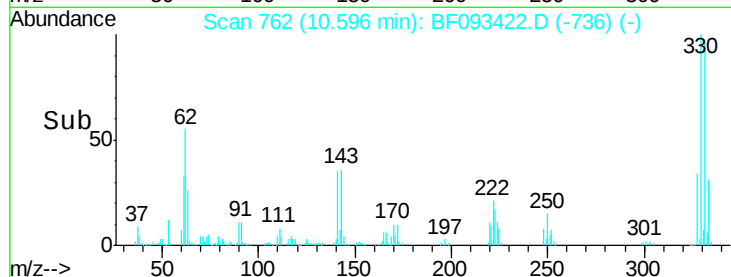
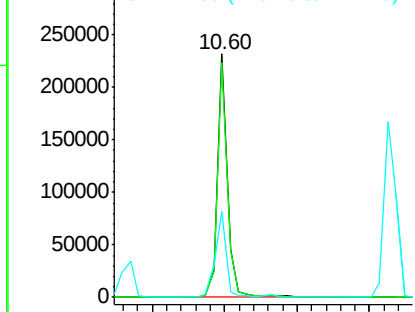
#41
 2,4,6-Tribromophenol
 Concen: 99.97 ng
 RT: 10.60 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF093422.D
 Acq: 7 Mar 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :
 PB97390BS

Tgt Ion:330 Resp: 223478
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.4 116.2
 141 38.3 34.1 51.1

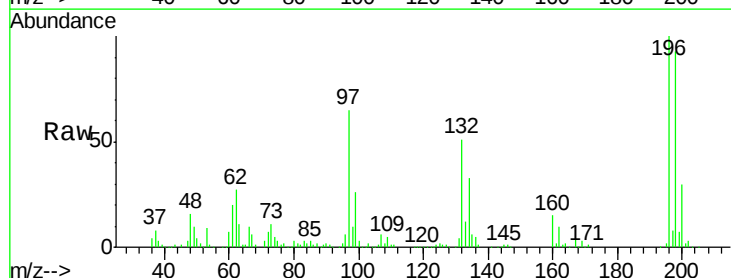


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

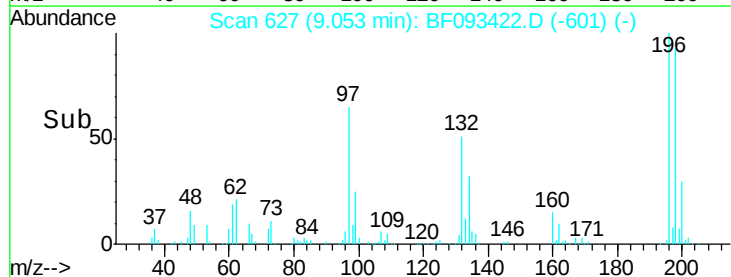
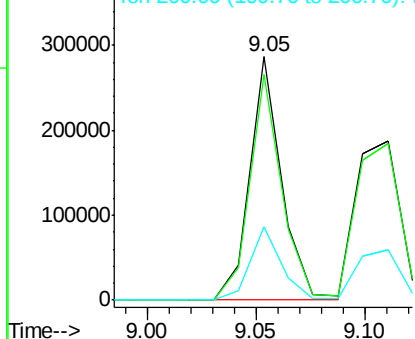


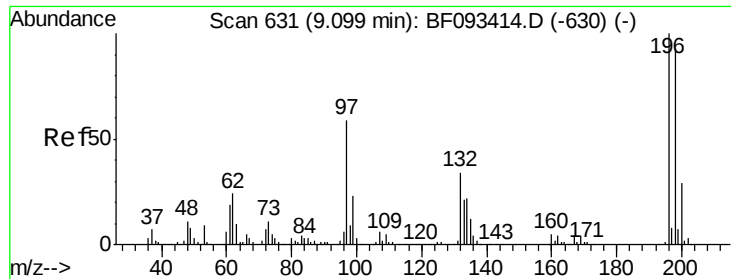
#42
 2,4,6-Trichlorophenol
 Concen: 49.80 ng
 RT: 9.05 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF093422.D
 Acq: 7 Mar 2017 16:47

Tgt Ion:196 Resp: 291506
 Ion Ratio Lower Upper
 196 100
 198 92.6 82.1 123.1
 200 29.9 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

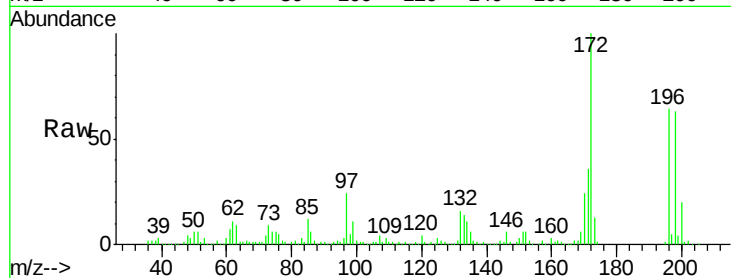




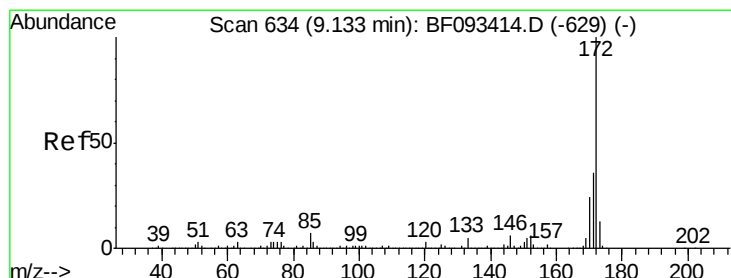
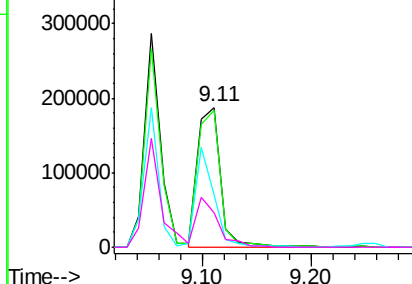
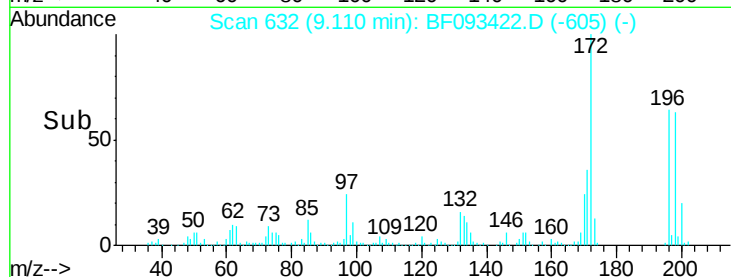
#43
 2,4,5-Trichlorophenol
 Concen: 43.67 ng
 RT: 9.11 min Scan# 632
 Delta R.T. 0.01 min
 Lab File: BF093422.D
 Acq: 7 Mar 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :
 PB97390BS

Tgt Ion:196 Resp: 274287
 Ion Ratio Lower Upper
 196 100
 198 98.1 79.4 119.2
 97 37.9 51.5 77.3#
 132 24.7 27.4 41.2#

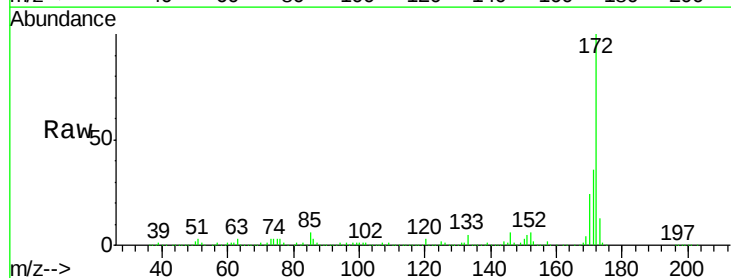


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

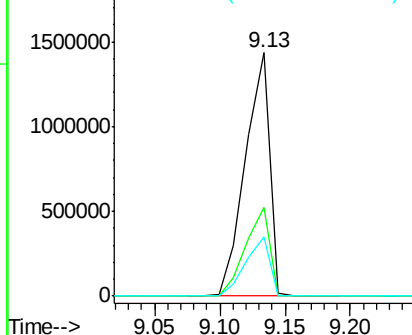
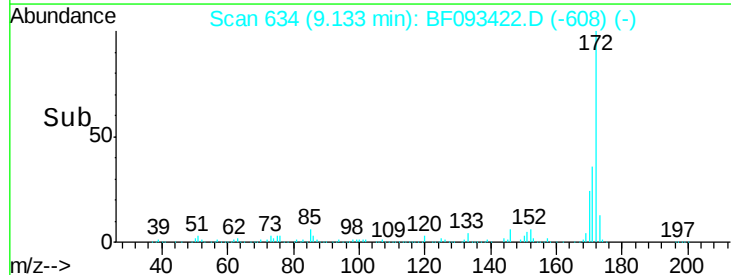


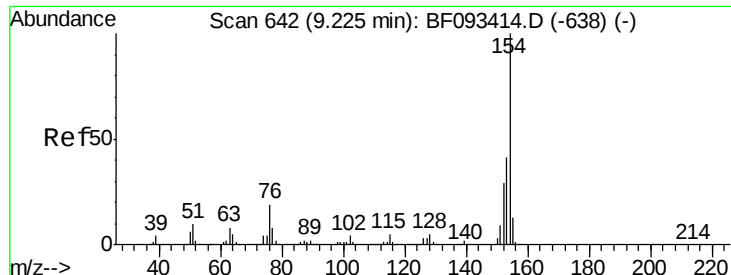
#44
 2-Fluorobiphenyl
 Concen: 100.82 ng
 RT: 9.13 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF093422.D
 Acq: 7 Mar 2017 16:47

Tgt Ion:172 Resp: 1859699
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.0
 170 24.4 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

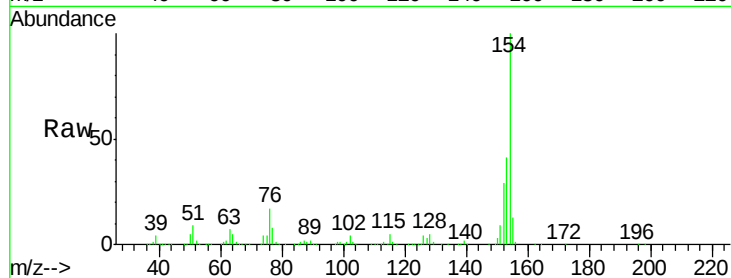




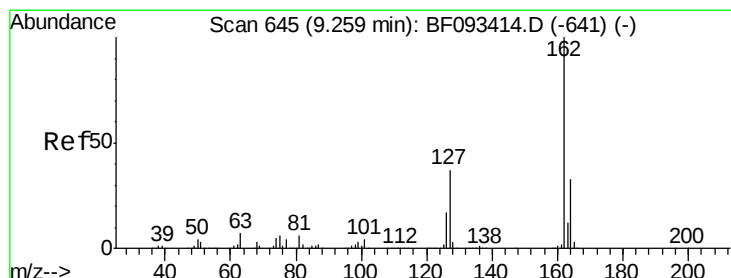
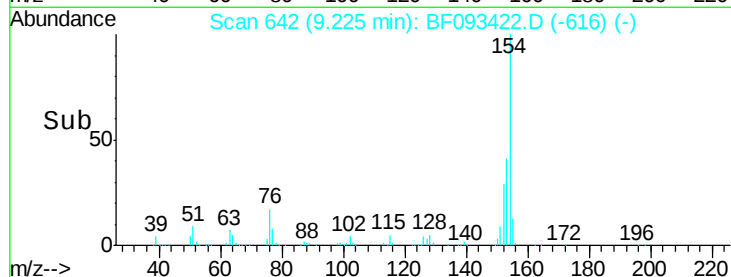
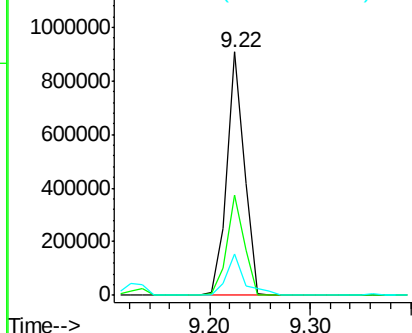
#45
 1,1'-Biphenyl
 Concen: 43.85 ng
 RT: 9.22 min Scan# 642
 Delta R.T. 0.00 min
 Lab File: BF093422.D
 Acq: 7 Mar 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :
 PB97390BS

Tgt Ion:154 Resp: 1095881
 Ion Ratio Lower Upper
 154 100
 153 41.2 20.9 60.9
 76 17.1 0.0 30.5

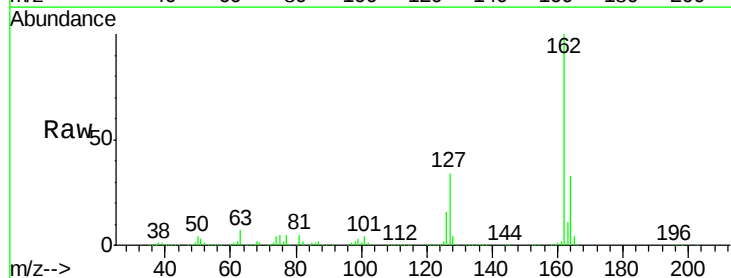


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

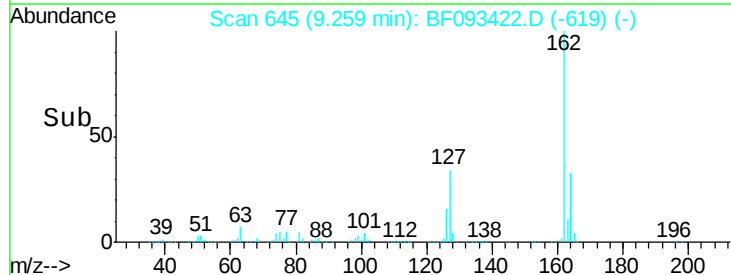
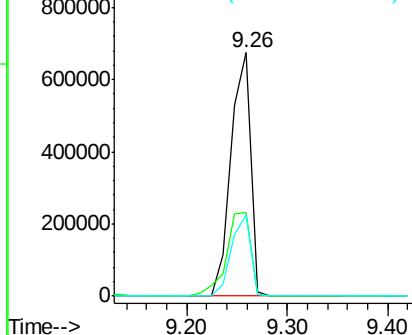


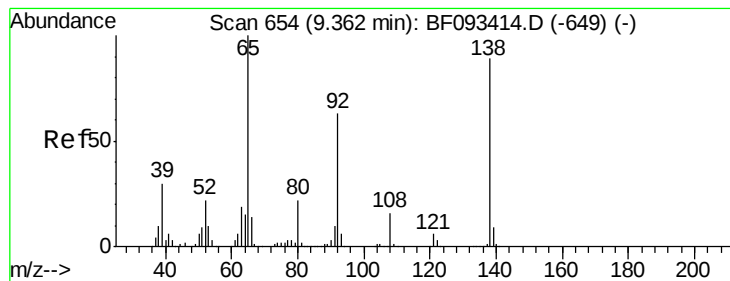
#46
 2-Chloronaphthalene
 Concen: 48.00 ng
 RT: 9.26 min Scan# 645
 Delta R.T. 0.00 min
 Lab File: BF093422.D
 Acq: 7 Mar 2017 16:47

Tgt Ion:162 Resp: 918397
 Ion Ratio Lower Upper
 162 100
 127 34.5 30.7 46.1
 164 33.2 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: 47.54 ng

RT: 9.36 min Scan# 654

Delta R.T. 0.00 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

Instrument :

BNA_F

ClientSampleId :

PB97390BS

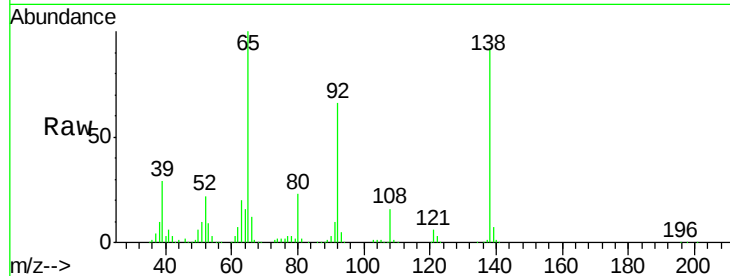
Tgt Ion: 65 Resp: 321516

Ion Ratio Lower Upper

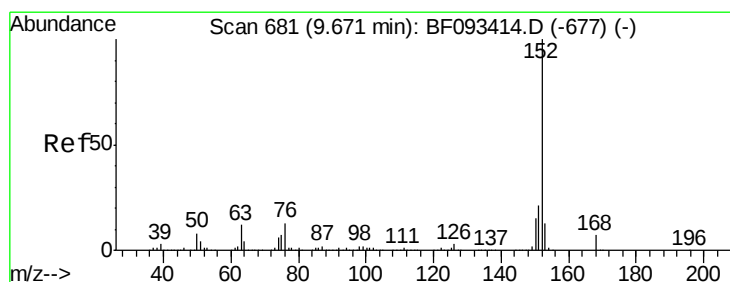
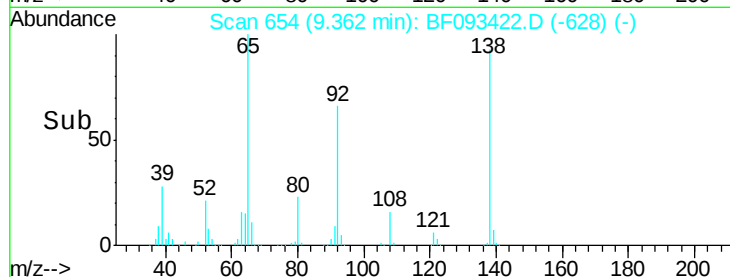
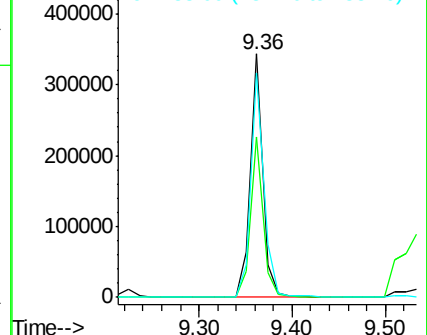
65 100

92 65.6 53.9 80.9

138 92.3 76.8 115.2



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 44.69 ng

RT: 9.67 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

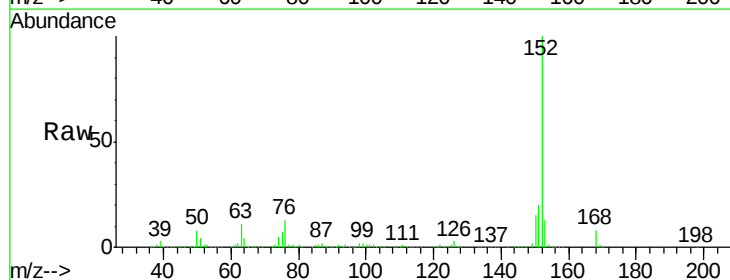
Tgt Ion: 152 Resp: 1410079

Ion Ratio Lower Upper

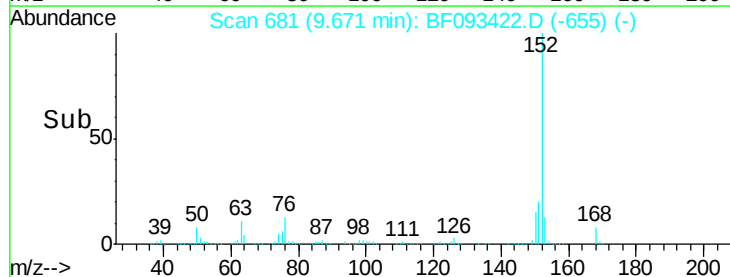
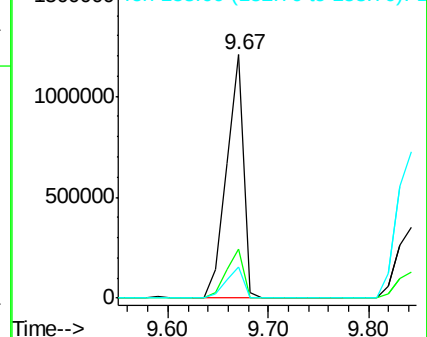
152 100

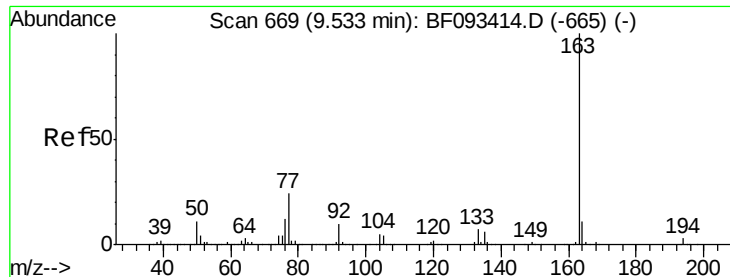
151 20.1 16.9 25.3

153 12.9 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

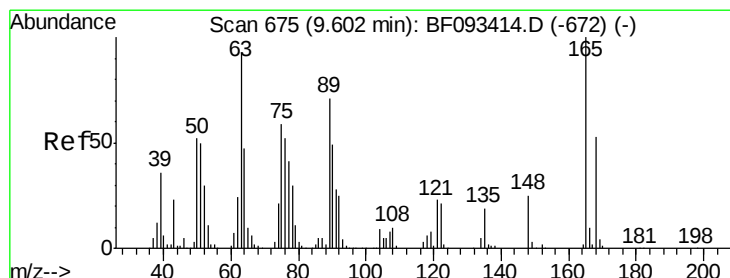
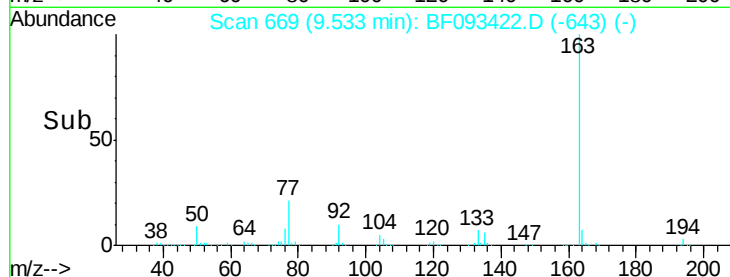
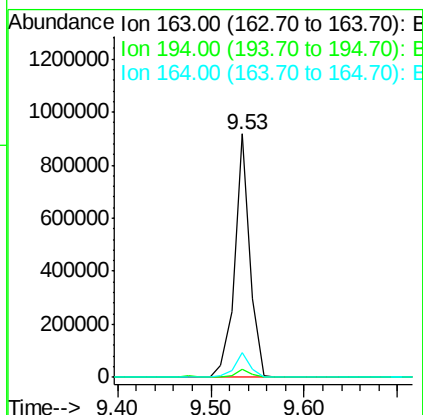
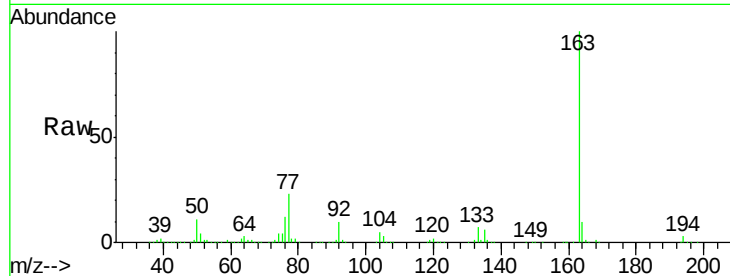




#49
Dimethylphthalate
Concen: 45.91 ng
RT: 9.53 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF093422.D
Acq: 7 Mar 2017 16:47

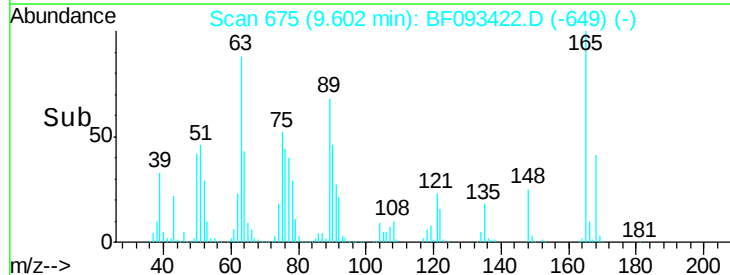
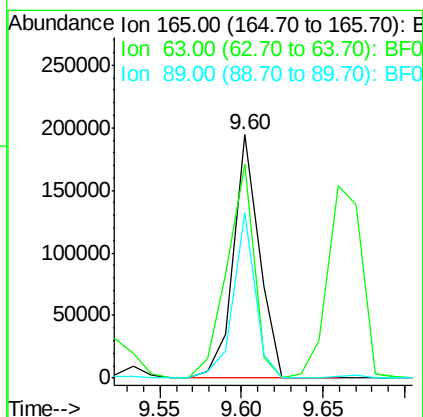
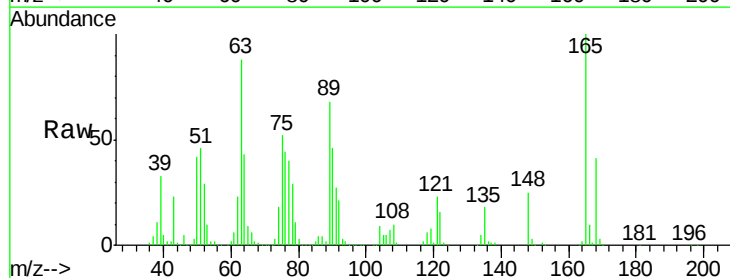
Instrument :
BNA_F
ClientSampleId :
PB97390BS

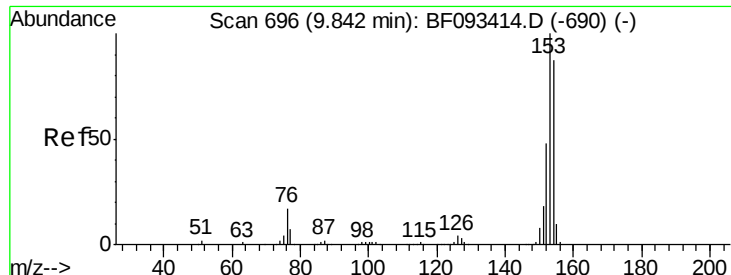
Tgt Ion:163 Resp: 1044236
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 10.4 8.0 12.0



#50
2,6-Dinitrotoluene
Concen: 42.37 ng
RT: 9.60 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF093422.D
Acq: 7 Mar 2017 16:47

Tgt Ion:165 Resp: 211455
Ion Ratio Lower Upper
165 100
63 88.1 36.2 54.4#
89 68.1 40.2 60.4#





#51

Acenaphthene

Concen: 46.10 ng

RT: 9.84 min Scan# 696

Delta R.T. 0.00 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

Instrument :

BNA_F

ClientSampleId :

PB97390BS

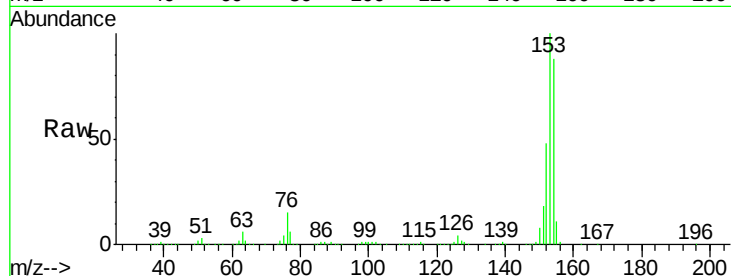
Tgt Ion:154 Resp: 860166

Ion Ratio Lower Upper

154 100

153 113.2 88.6 133.0

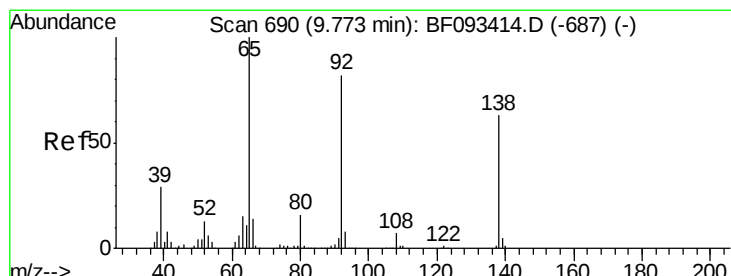
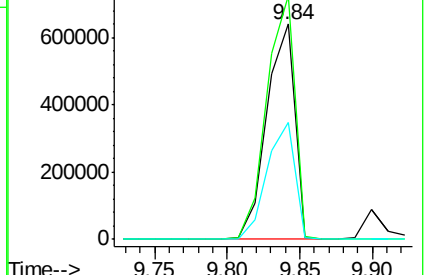
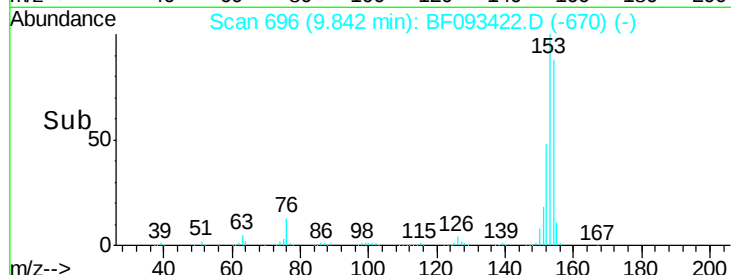
152 54.4 41.6 62.4



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: 25.29 ng

RT: 9.77 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

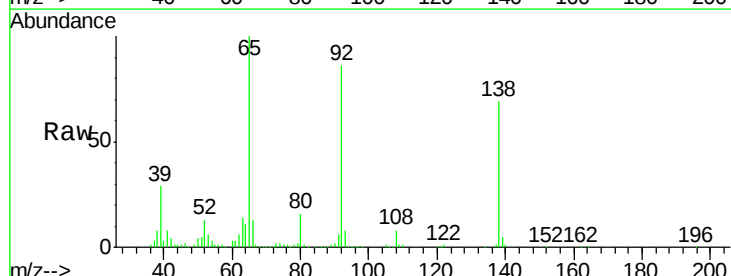
Tgt Ion:138 Resp: 151629

Ion Ratio Lower Upper

138 100

108 11.0 8.5 12.7

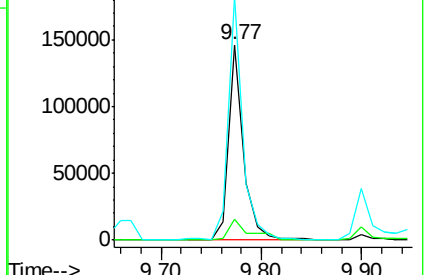
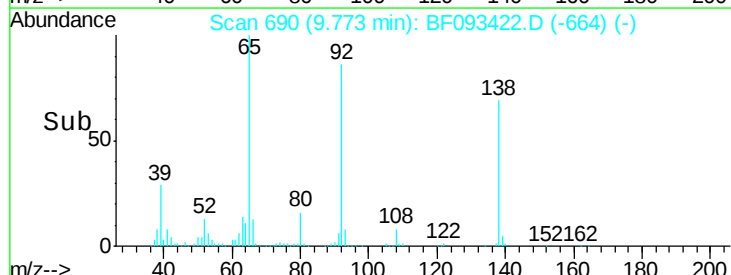
92 124.6 97.8 146.8

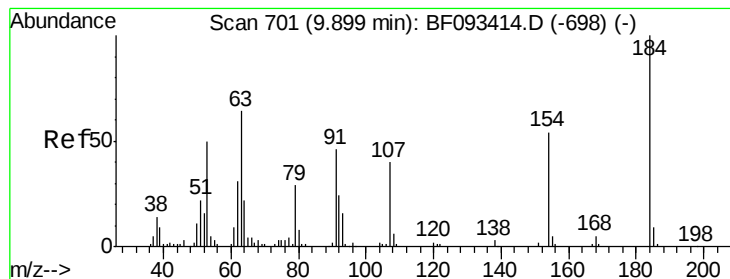


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 75.07 ng

RT: 9.90 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

Instrument :

BNA_F

ClientSampleId :

PB97390BS

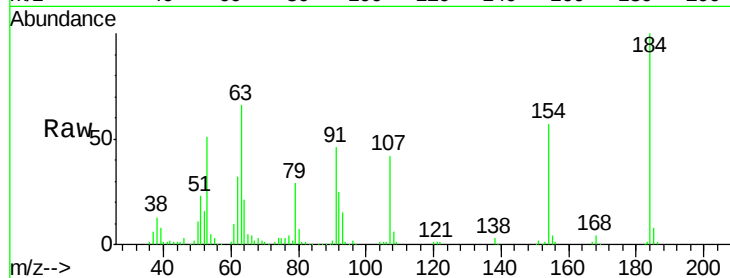
Tgt Ion:184 Resp: 170632

Ion Ratio Lower Upper

184 100

63 65.5 28.4 42.6#

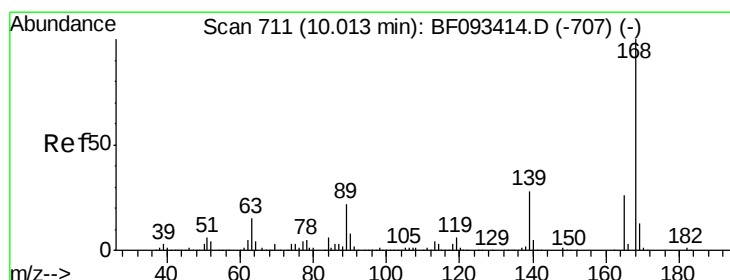
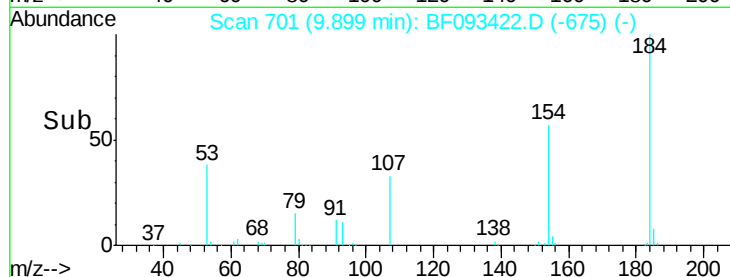
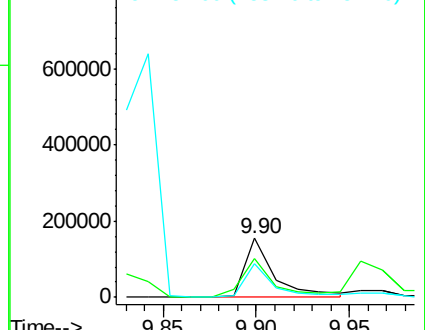
154 57.2 44.3 66.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 52.27 ng

RT: 10.01 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

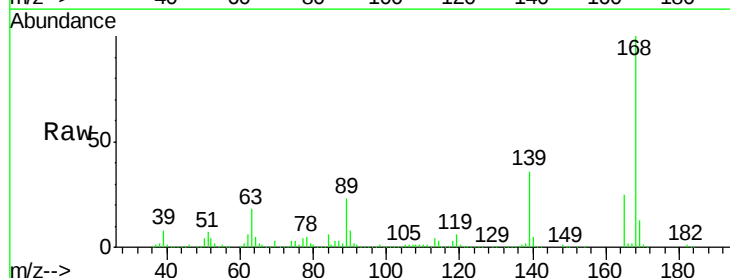
Tgt Ion:168 Resp: 1220774

Ion Ratio Lower Upper

168 100

139 35.5 32.6 49.0

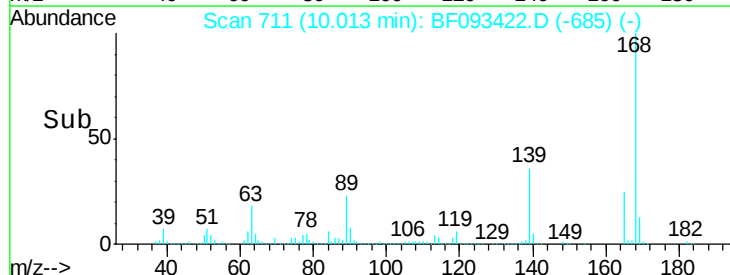
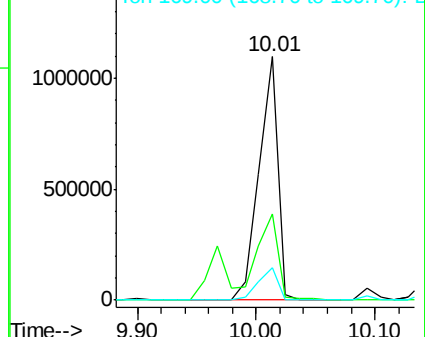
169 13.4 11.3 16.9

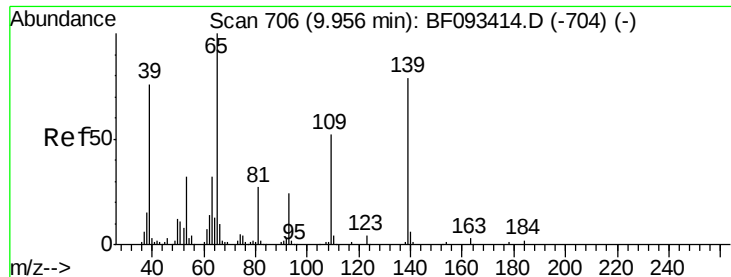


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 90.80 ng

RT: 9.97 min Scan# 707

Delta R.T. 0.01 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

Instrument :

BNA_F

ClientSampleId :

PB97390BS

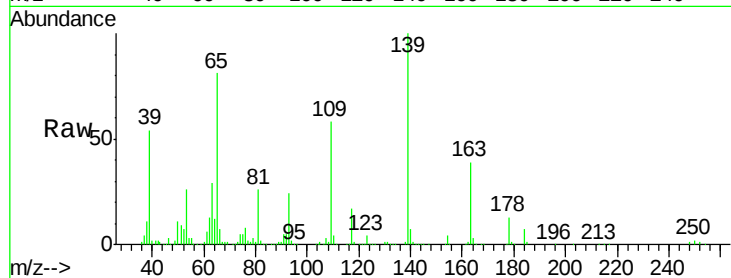
Tgt Ion:139 Resp: 264458

Ion Ratio Lower Upper

139 100

109 58.3 52.2 92.2

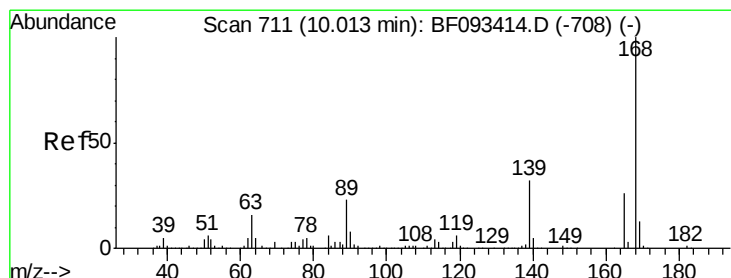
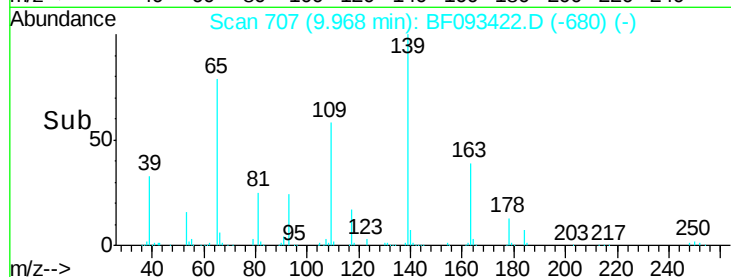
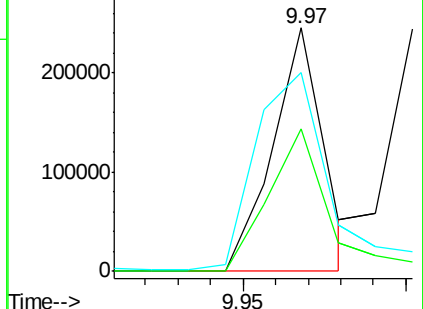
65 81.5 85.8 125.8#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 44.19 ng

RT: 10.01 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

Tgt Ion:165 Resp: 270977

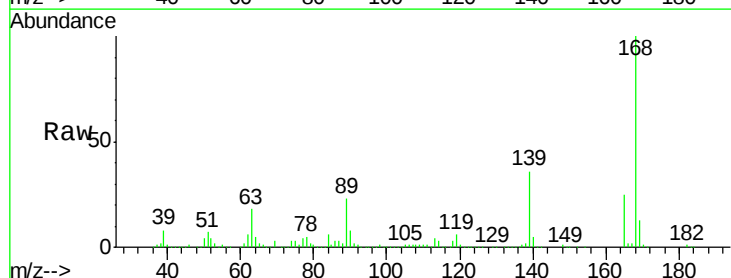
Ion Ratio Lower Upper

165 100

63 74.5 40.2 60.4#

89 91.7 62.5 93.7

182 2.2 1.8 2.8

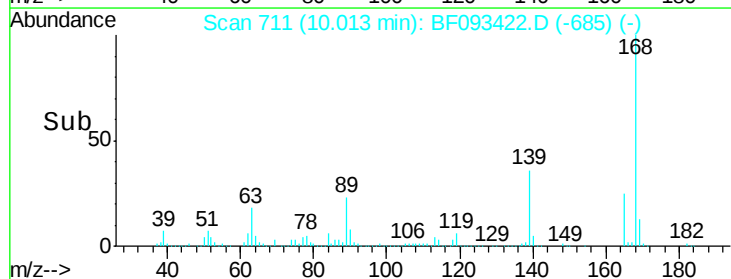
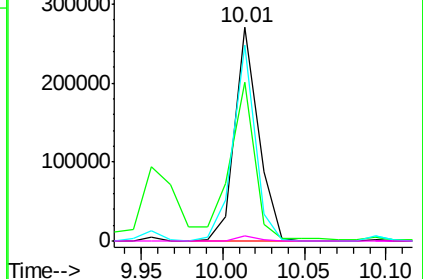


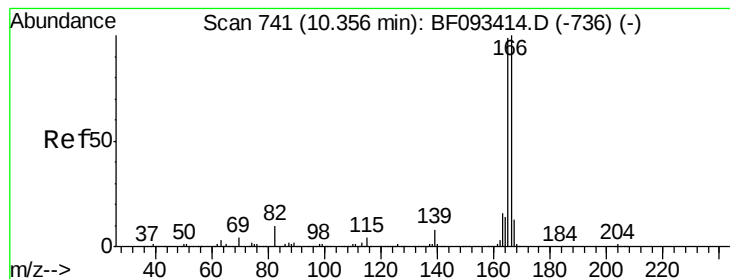
Abundance Ion 165.00 (164.70 to 165.70): E

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: 47.30 ng

RT: 10.36 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

Instrument :

BNA_F

ClientSampleId :

PB97390BS

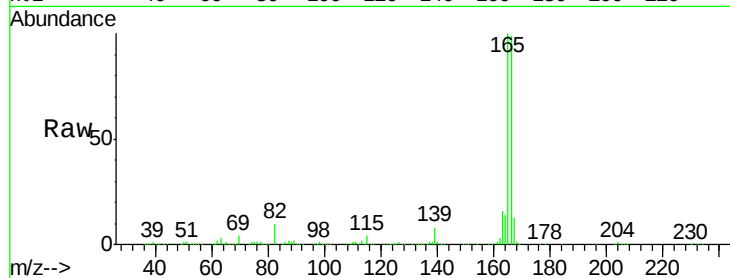
Tgt Ion:166 Resp: 936095

Ion Ratio Lower Upper

166 100

165 100.6 77.8 116.8

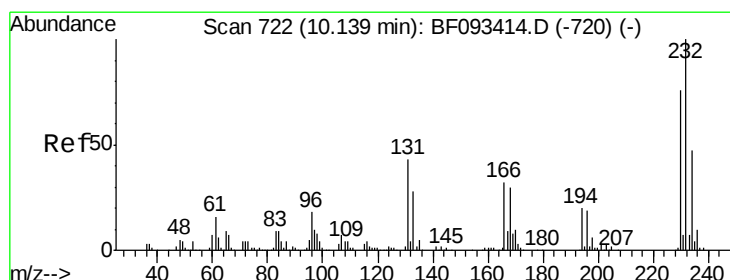
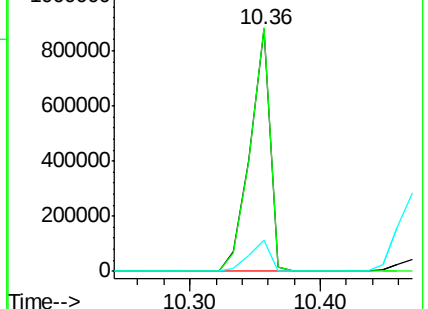
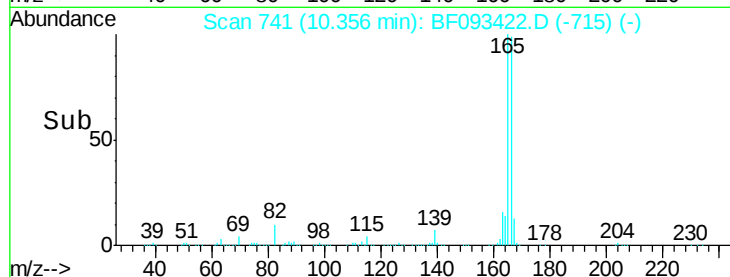
167 13.0 10.8 16.2



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: 53.65 ng

RT: 10.14 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

Tgt Ion:232 Resp: 237822

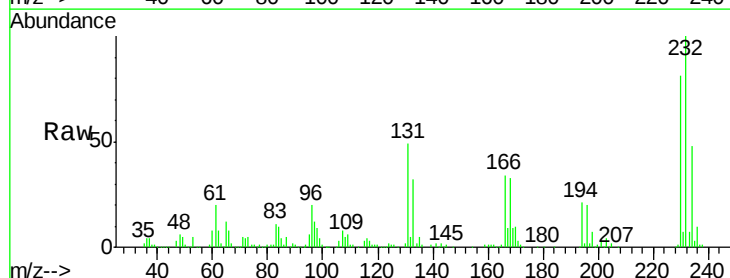
Ion Ratio Lower Upper

232 100

131 46.5 40.1 60.1

130 2.3 1.8 2.8

166 30.3 26.6 39.8

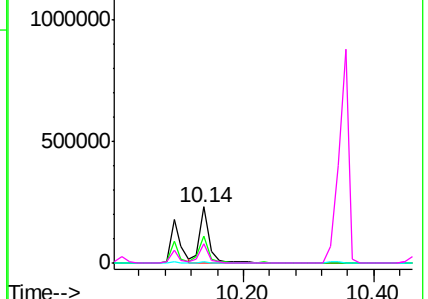
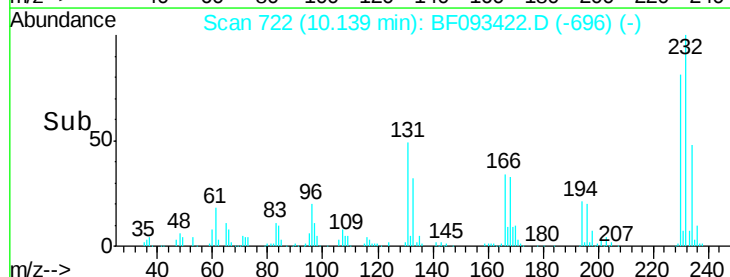


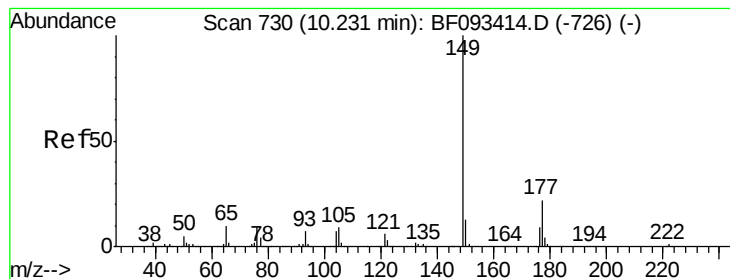
Abundance Ion 232.00 (231.70 to 232.70): E

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: 45.03 ng

RT: 10.23 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

Instrument :

BNA_F

ClientSampleId :

PB97390BS

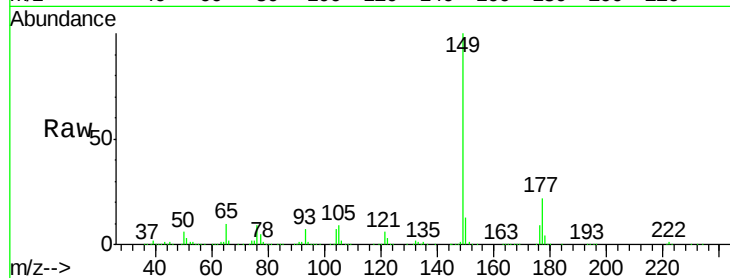
Tgt Ion:149 Resp: 979019

Ion Ratio Lower Upper

149 100

177 21.5 16.6 25.0

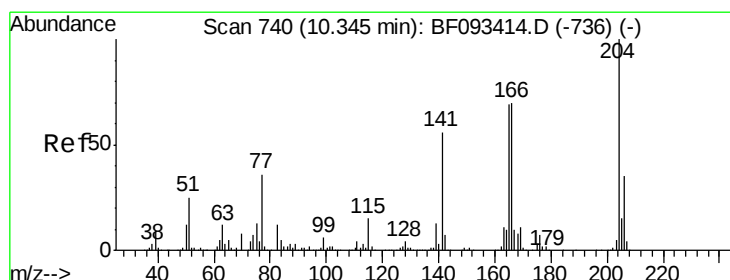
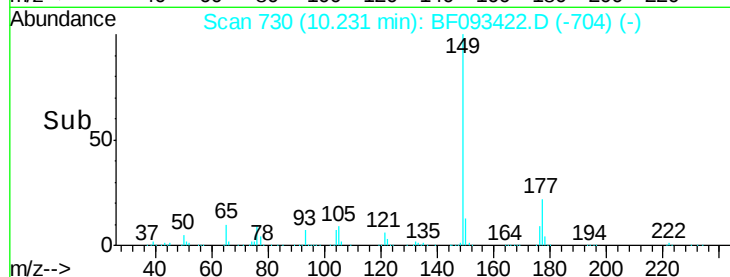
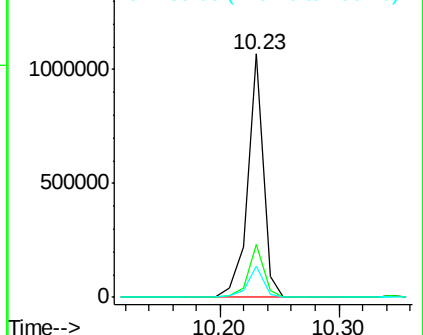
150 12.7 10.4 15.6



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: 49.03 ng

RT: 10.34 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

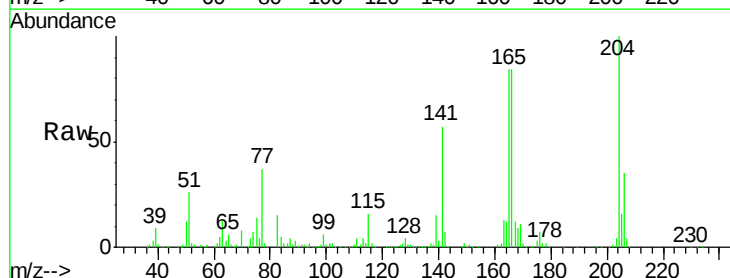
Tgt Ion:204 Resp: 434884

Ion Ratio Lower Upper

204 100

206 34.6 25.8 38.6

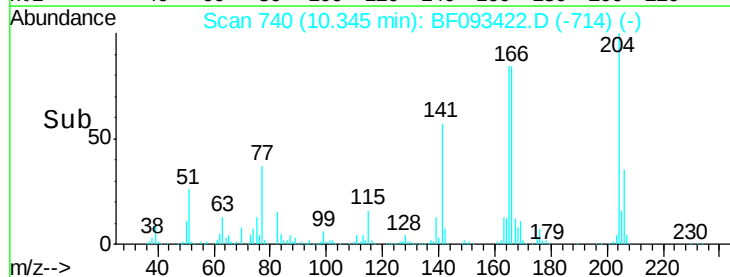
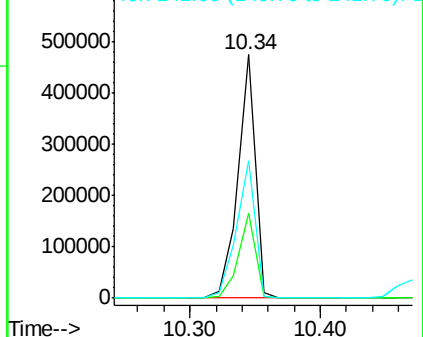
141 56.7 59.4 89.0#

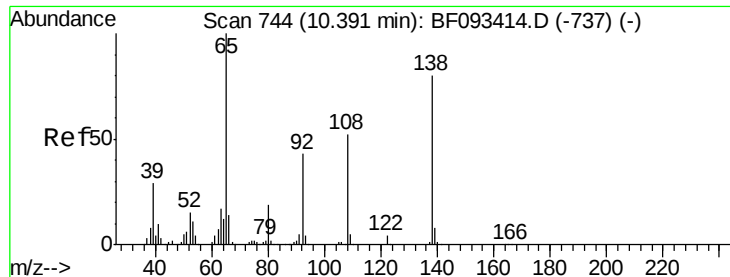


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 37.74 ng

RT: 10.39 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

Instrument :

BNA_F

ClientSampleId :

PB97390BS

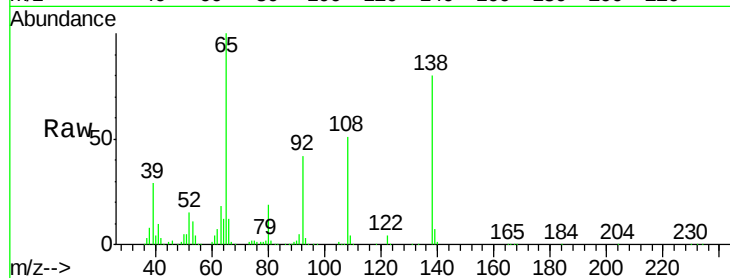
Tgt Ion:138 Resp: 231440

Ion Ratio Lower Upper

138 100

92 53.0 31.7 71.7

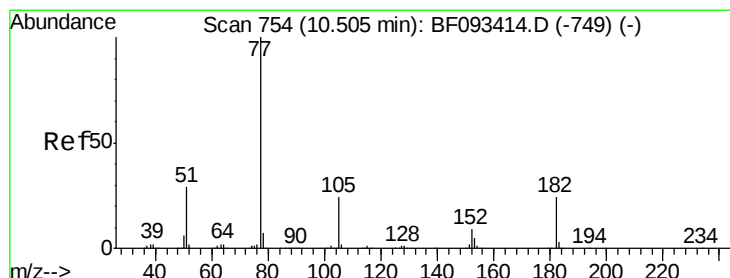
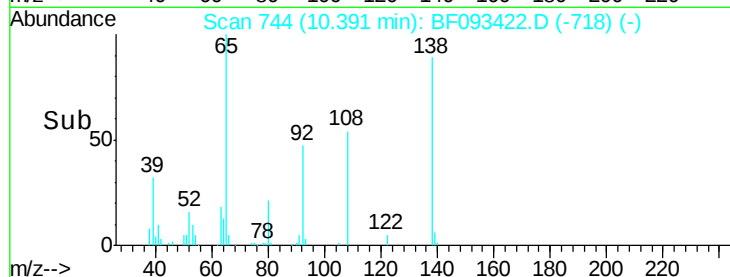
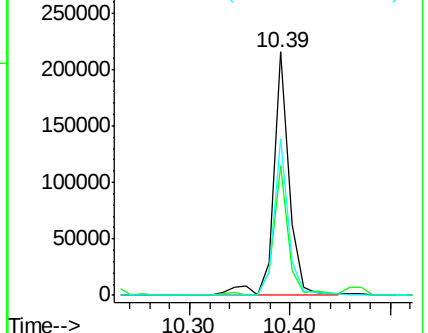
108 64.4 52.6 92.6



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: 49.06 ng

RT: 10.50 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

Tgt Ion: 77 Resp: 1211798

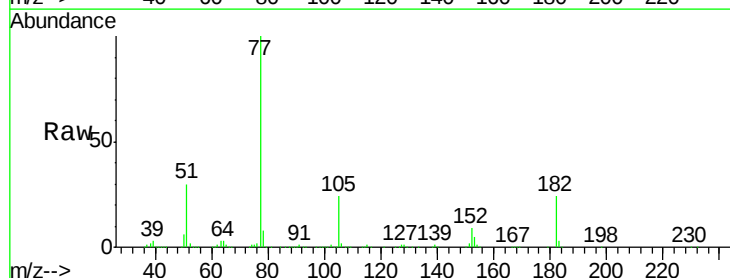
Ion Ratio Lower Upper

77 100

182 24.2 0.0 39.3

105 24.2 2.3 42.3

51 30.1 8.9 48.9

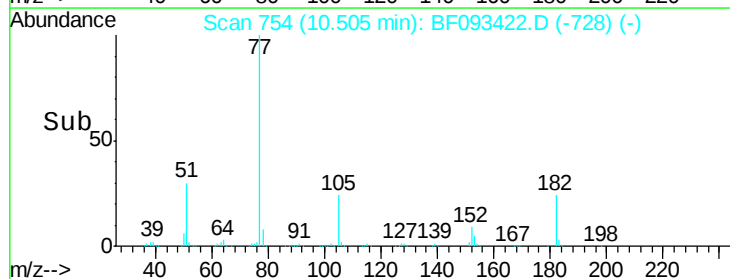
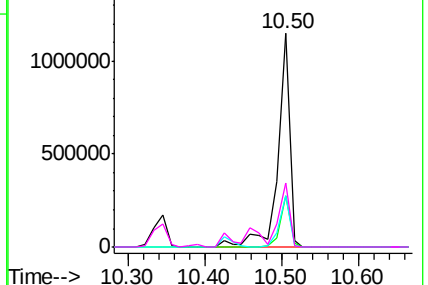


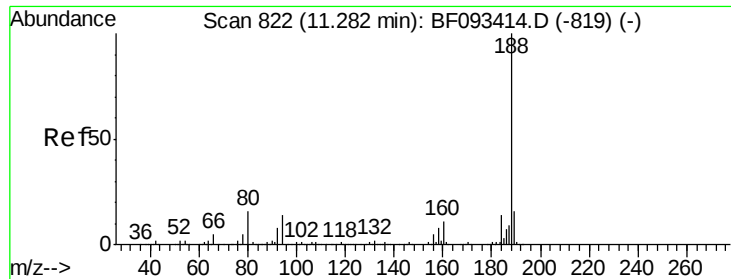
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

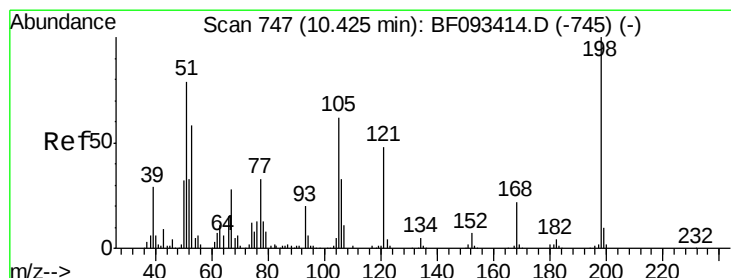
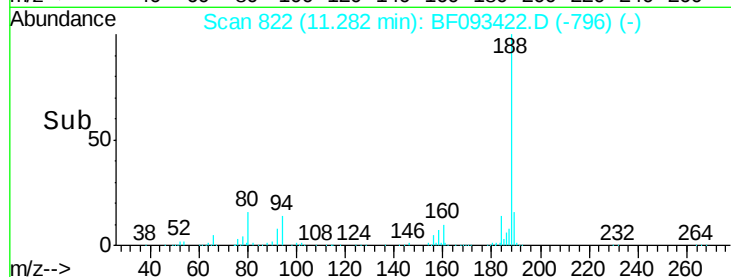
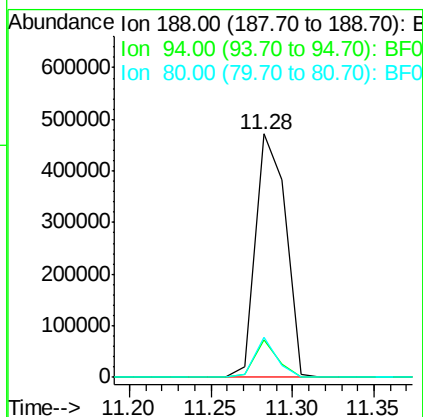
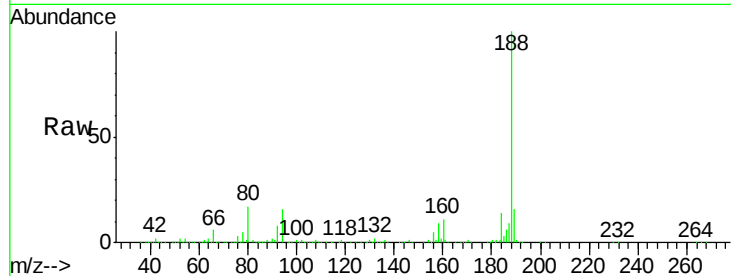




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 822
Delta R.T. 0.00 min
Lab File: BF093422.D
Acq: 7 Mar 2017 16:47

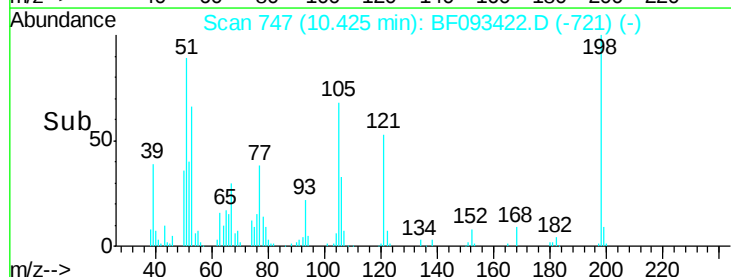
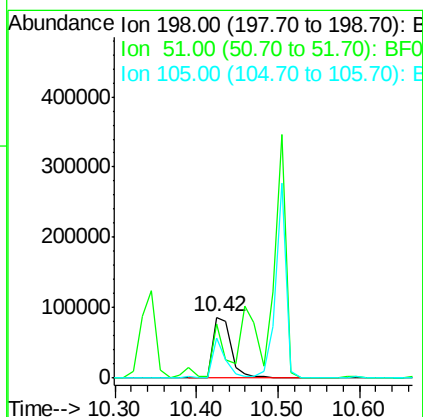
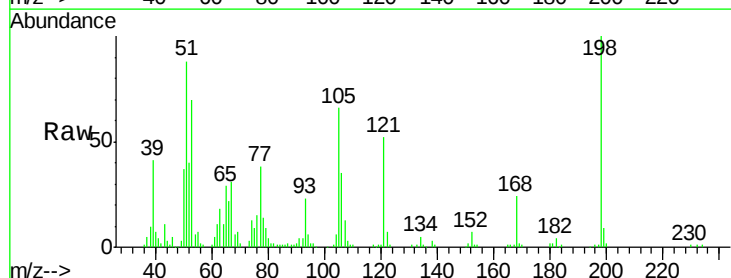
Instrument :
BNA_F
ClientSampleId :
PB97390BS

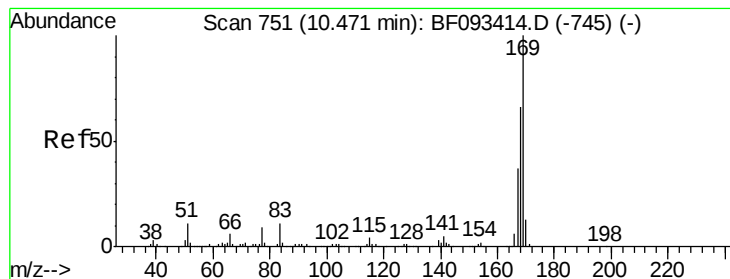
Tgt Ion:188 Resp: 605253
Ion Ratio Lower Upper
188 100
94 15.7 10.0 15.0#
80 16.6 11.2 16.8



#64
4,6-Dinitro-2-methylphenol
Concen: 35.08 ng
RT: 10.42 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF093422.D
Acq: 7 Mar 2017 16:47

Tgt Ion:198 Resp: 137558
Ion Ratio Lower Upper
198 100
51 87.9 6.7 46.7#
105 65.6 16.6 56.6#





#65

n-Nitrosodiphenylamine

Concen: 42.96 ng

RT: 10.47 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

Instrument :

BNA_F

ClientSampleId :

PB97390BS

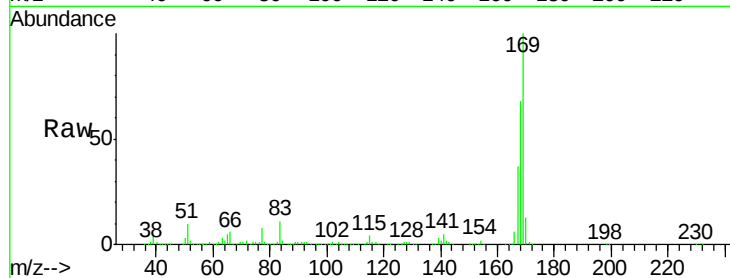
Tgt Ion:169 Resp: 868275

Ion Ratio Lower Upper

169 100

168 68.1 54.2 81.2

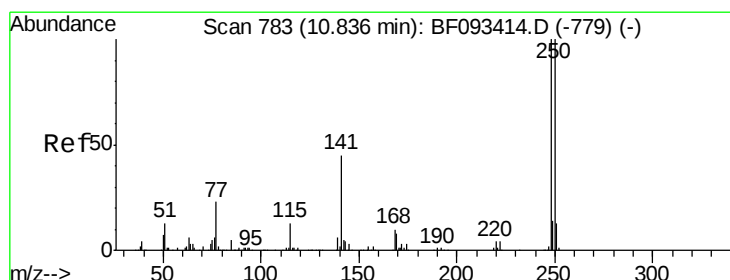
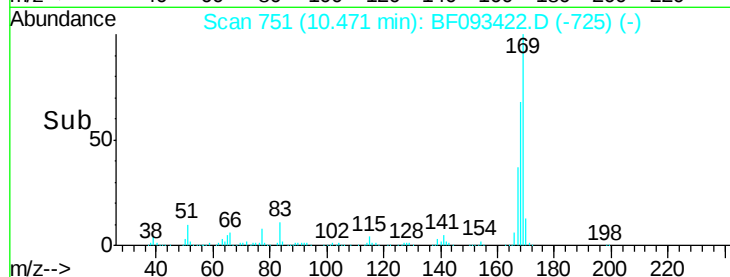
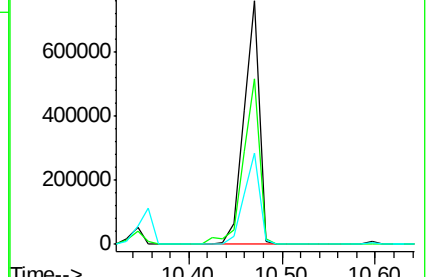
167 37.5 30.2 45.4



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: 40.44 ng

RT: 10.84 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

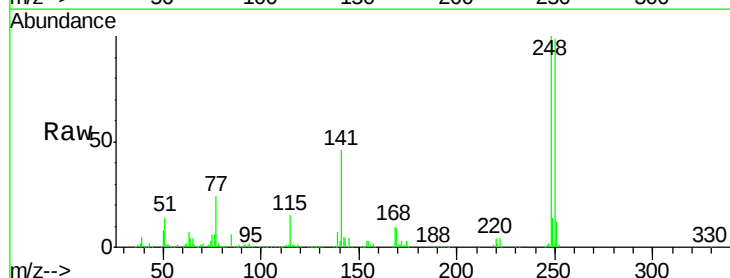
Tgt Ion:248 Resp: 258802

Ion Ratio Lower Upper

248 100

250 99.1 76.9 115.3

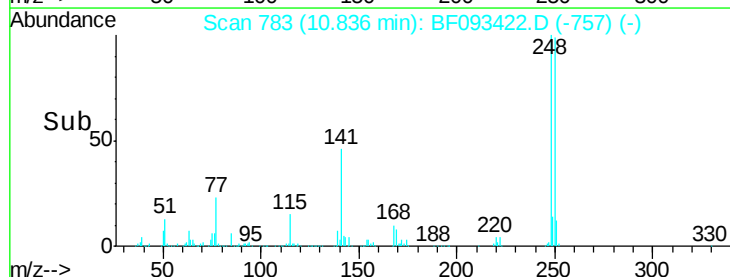
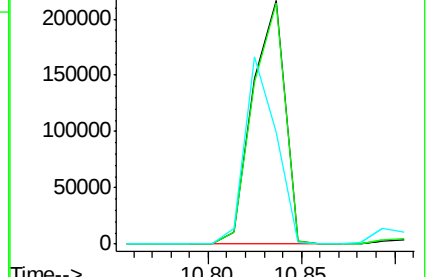
141 46.0 68.2 102.4#

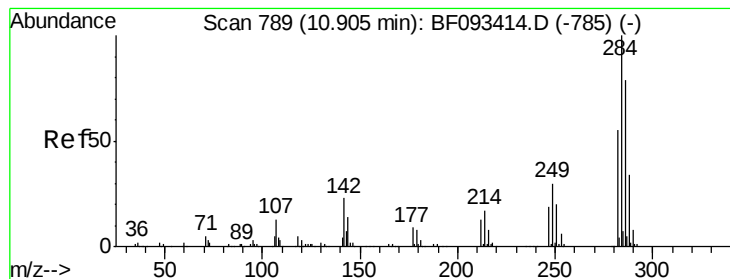


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 42.40 ng

RT: 10.90 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

Instrument :

BNA_F

ClientSampleId :

PB97390BS

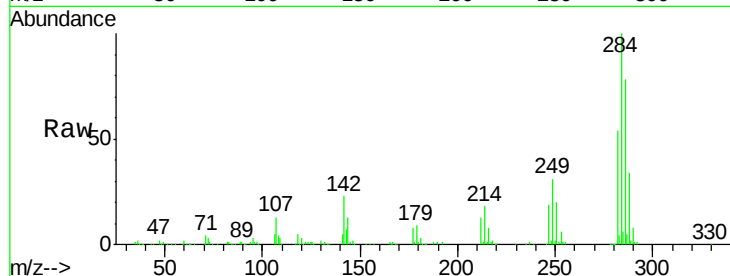
Tgt Ion:284 Resp: 259120

Ion Ratio Lower Upper

284 100

142 22.8 22.6 33.8

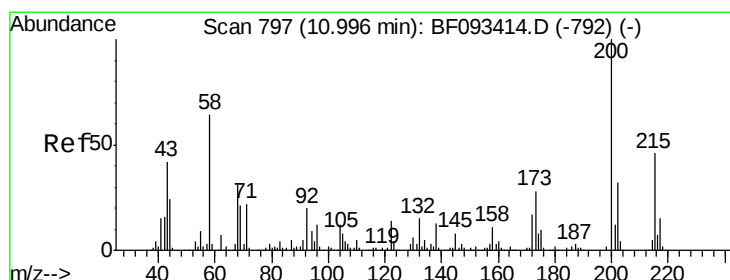
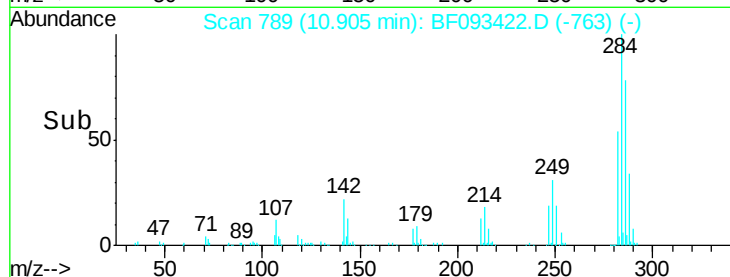
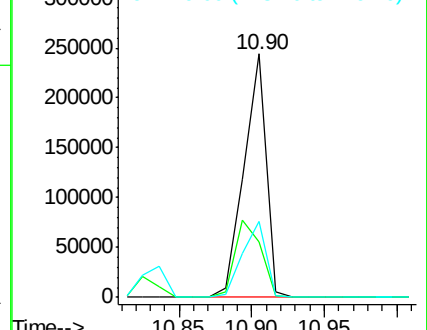
249 31.0 25.4 38.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 41.77 ng

RT: 11.00 min Scan# 797

Delta R.T. 0.00 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

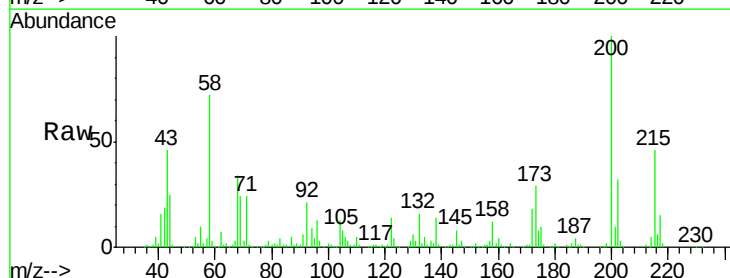
Tgt Ion:200 Resp: 247074

Ion Ratio Lower Upper

200 100

173 29.3 9.6 49.6

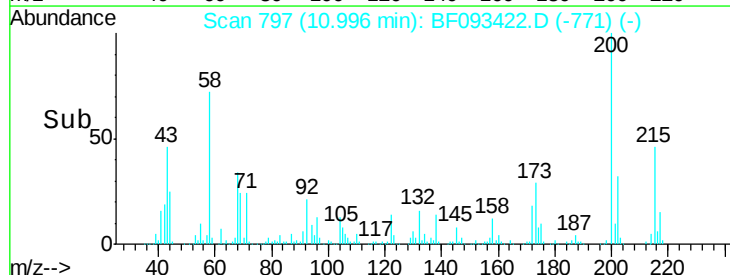
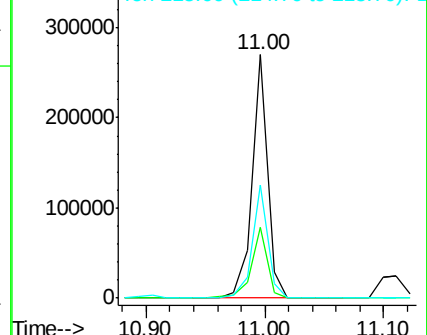
215 46.4 25.7 65.7

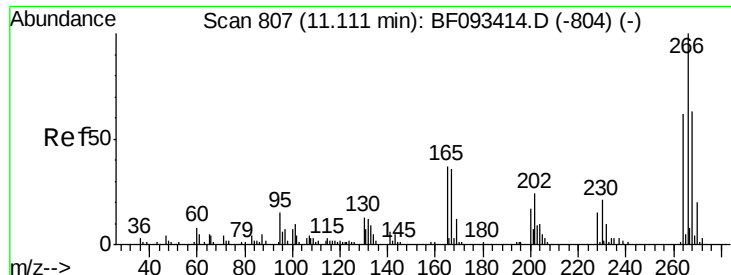


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

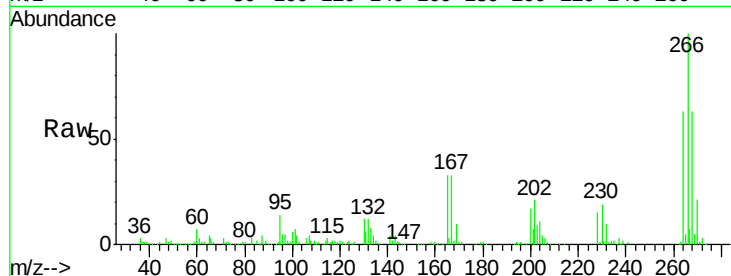




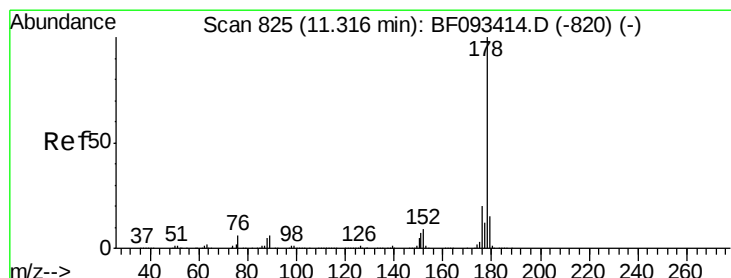
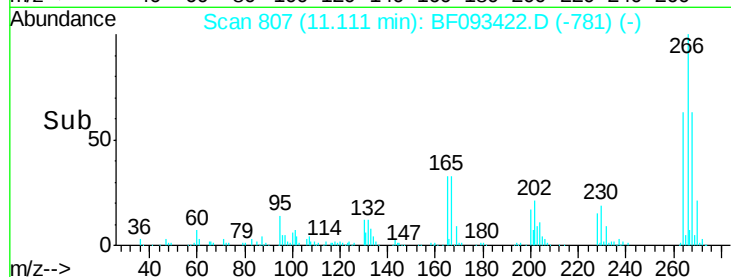
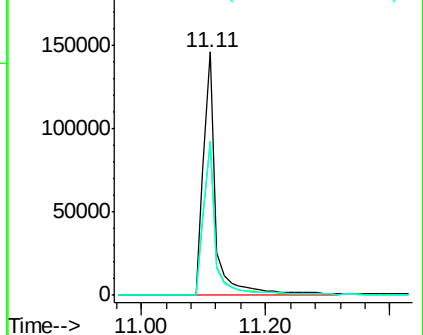
#69
 Pentachlorophenol
 Concen: 97.89 ng
 RT: 11.11 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF093422.D
 Acq: 7 Mar 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :
 PB97390BS

Tgt Ion:266 Resp: 206549
 Ion Ratio Lower Upper
 266 100
 268 63.2 53.3 79.9
 264 62.7 50.3 75.5

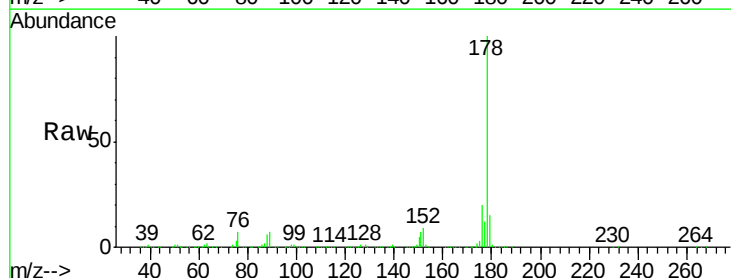


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

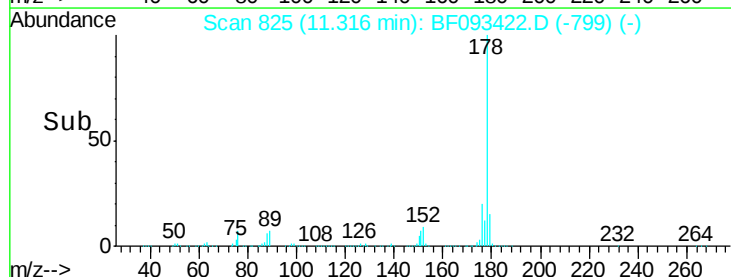
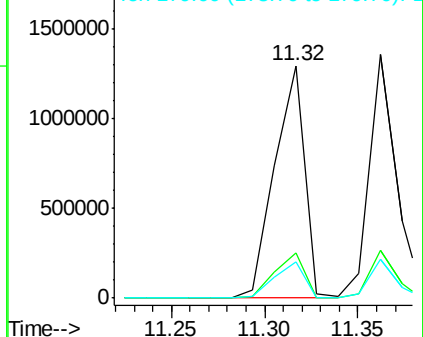


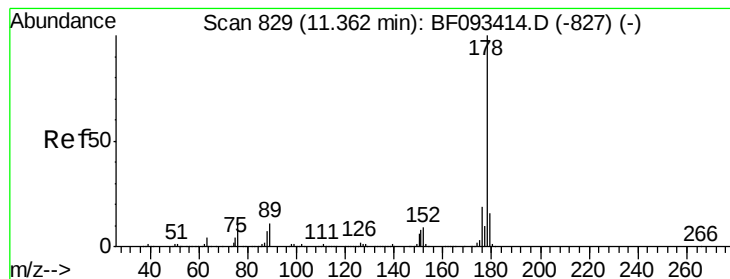
#70
 Phenanthrene
 Concen: 41.82 ng
 RT: 11.32 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF093422.D
 Acq: 7 Mar 2017 16:47

Tgt Ion:178 Resp: 1444859
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.6 25.0
 179 15.4 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: 38.31 ng

RT: 11.36 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

Instrument :

BNA_F

ClientSampleId :

PB97390BS

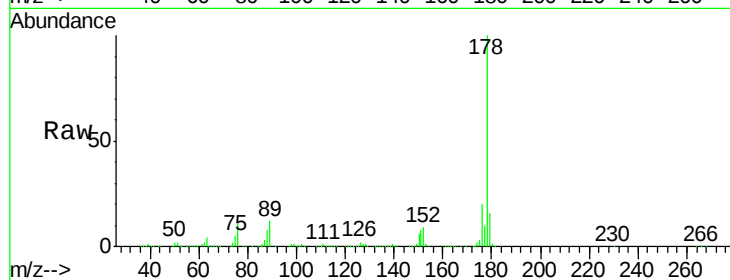
Tgt Ion:178 Resp: 1338777

Ion Ratio Lower Upper

178 100

176 19.7 15.9 23.9

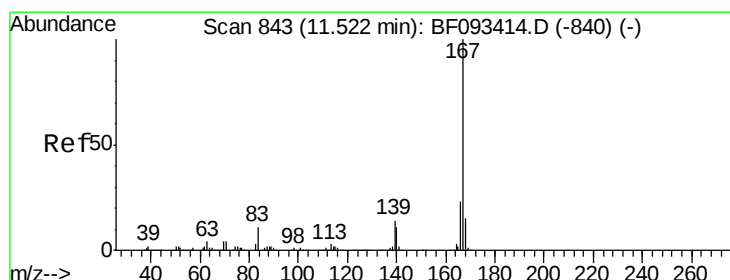
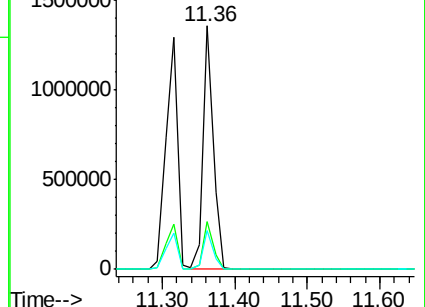
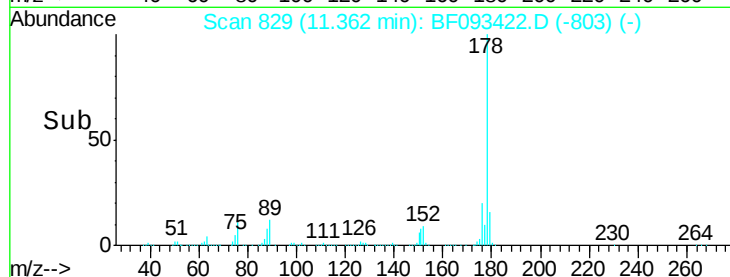
179 15.9 13.2 19.8



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: 36.82 ng

RT: 11.52 min Scan# 843

Delta R.T. 0.00 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

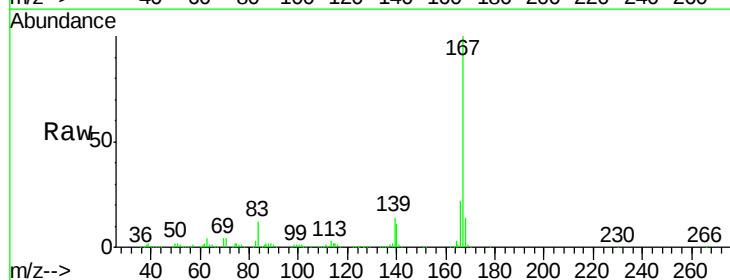
Tgt Ion:167 Resp: 1208690

Ion Ratio Lower Upper

167 100

166 22.3 18.2 27.2

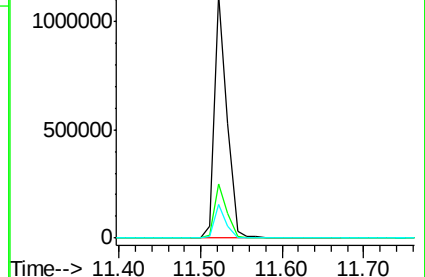
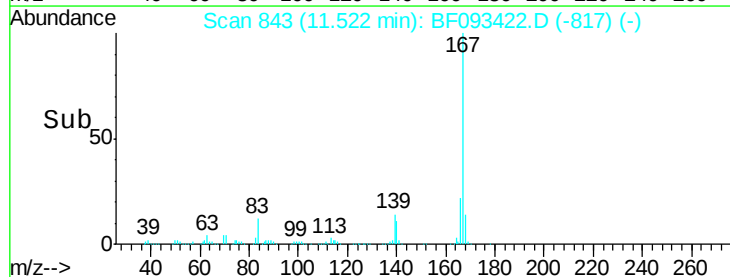
139 13.9 11.4 17.2

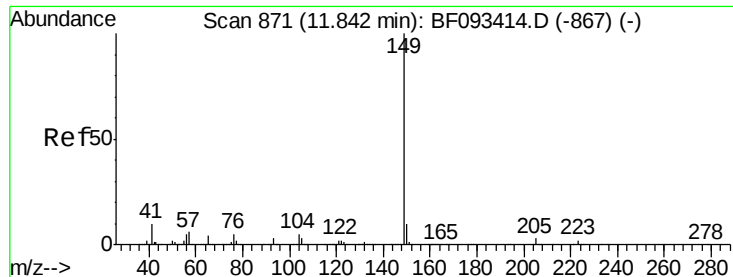


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

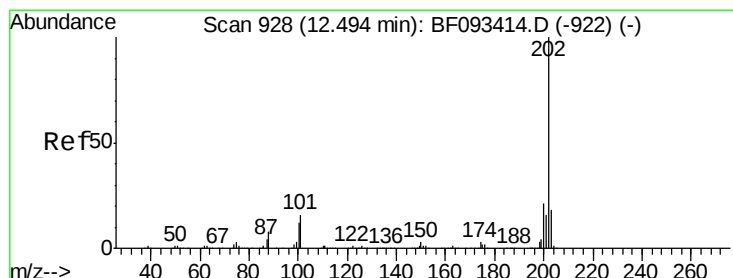
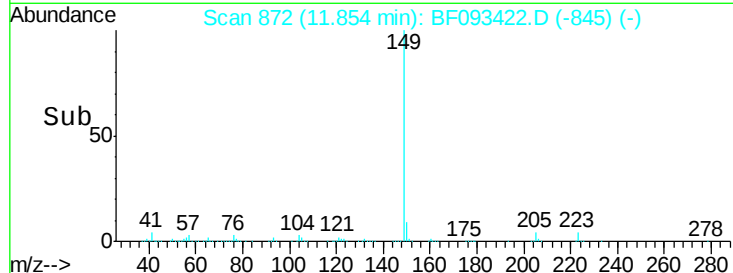
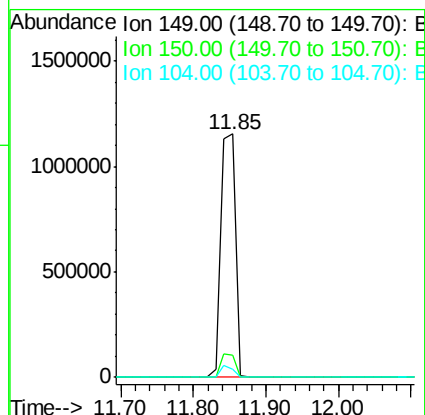
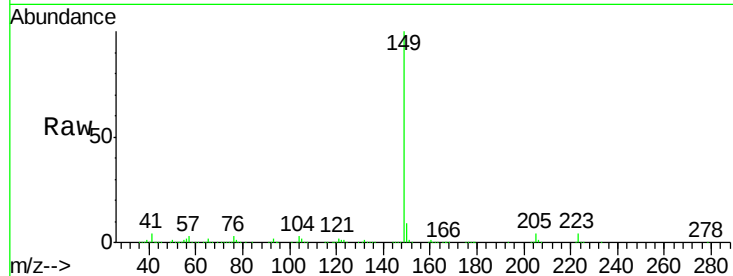




#73
Di-n-butylphthalate
Concen: 42.32 ng
RT: 11.85 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF093422.D
Acq: 7 Mar 2017 16:47

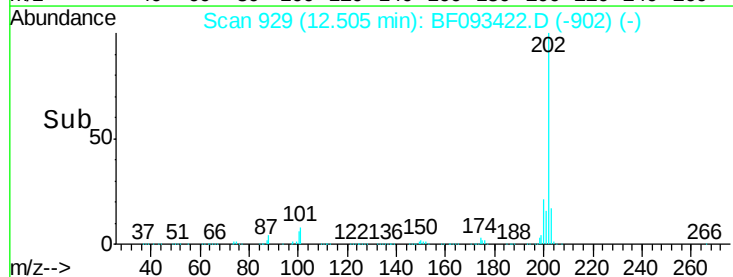
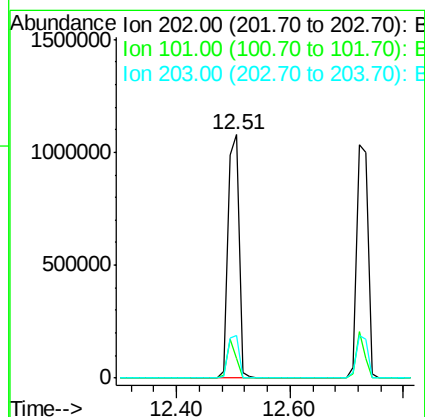
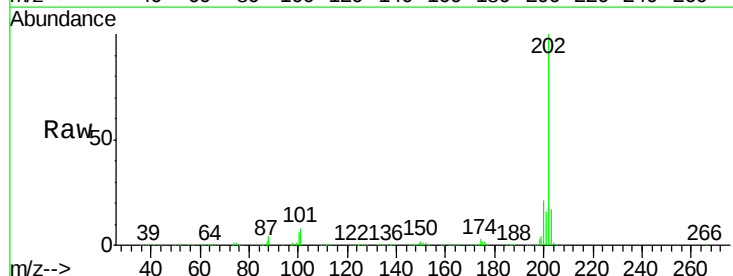
Instrument :
BNA_F
ClientSampleId :
PB97390BS

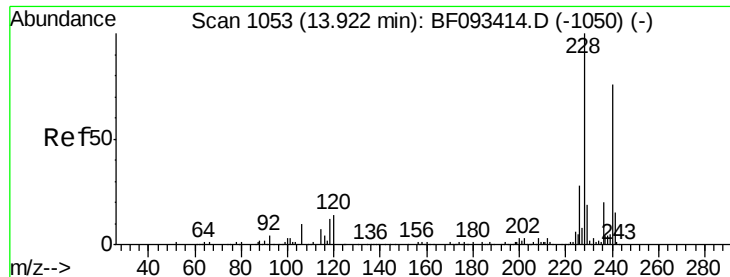
Tgt Ion:149 Resp: 1607530
Ion Ratio Lower Upper
149 100
150 9.1 8.1 12.1
104 3.3 4.6 7.0#



#74
Fluoranthene
Concen: 44.05 ng
RT: 12.51 min Scan# 929
Delta R.T. 0.01 min
Lab File: BF093422.D
Acq: 7 Mar 2017 16:47

Tgt Ion:202 Resp: 1470000
Ion Ratio Lower Upper
202 100
101 8.2 0.0 34.6
203 17.3 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: BF093422.D

Acq: 7 Mar 2017 16:47

Instrument :

BNA_F

ClientSampleId :

PB97390BS

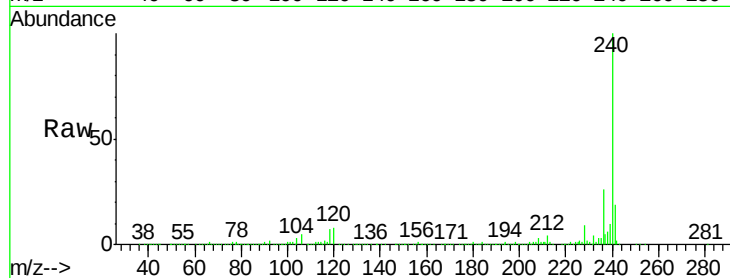
Tgt Ion:240 Resp: 521197

Ion Ratio Lower Upper

240 100

120 7.7 12.9 19.3#

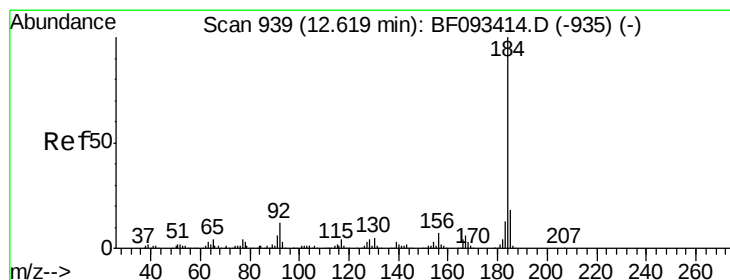
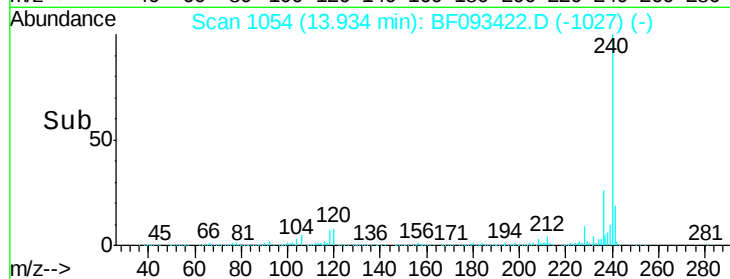
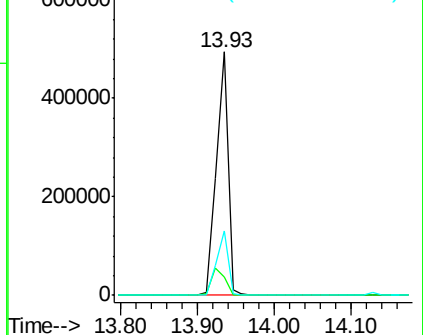
236 26.3 20.9 31.3



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: 25.80 ng

RT: 12.63 min Scan# 940

Delta R.T. 0.01 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

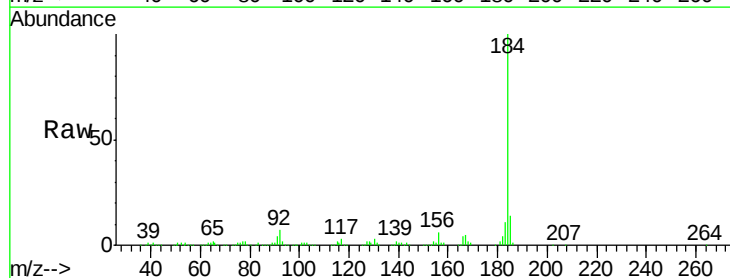
Tgt Ion:184 Resp: 442201

Ion Ratio Lower Upper

184 100

185 13.5 13.4 20.0

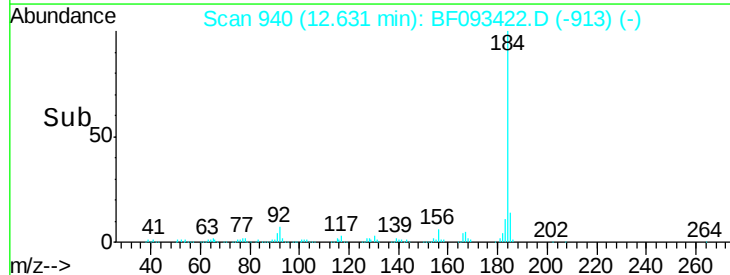
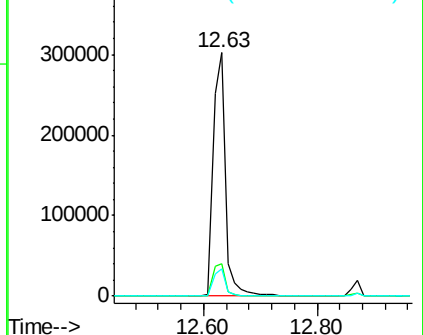
183 11.4 9.2 13.8

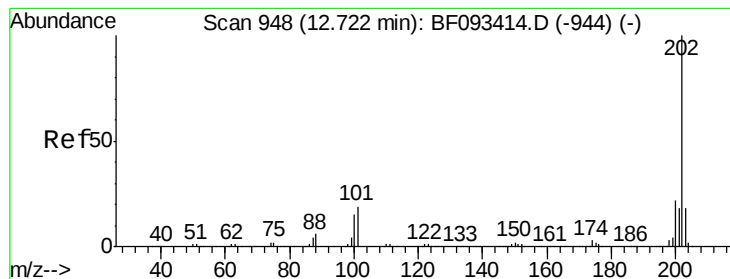


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 38.22 ng

RT: 12.72 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

Instrument :

BNA_F

ClientSampleId :

PB97390BS

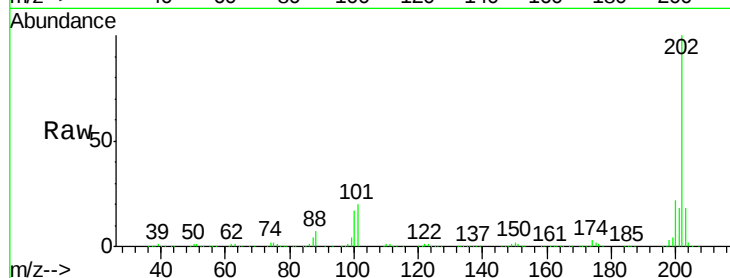
Tgt Ion:202 Resp: 1448685

Ion Ratio Lower Upper

202 100

200 21.9 17.7 26.5

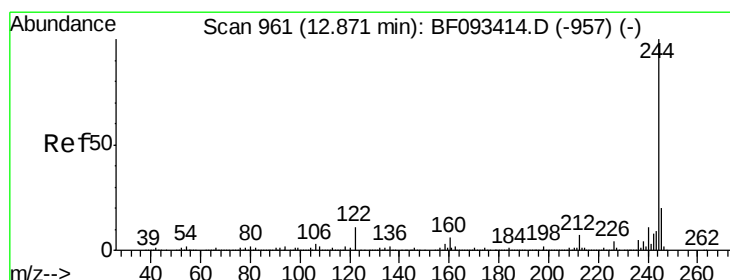
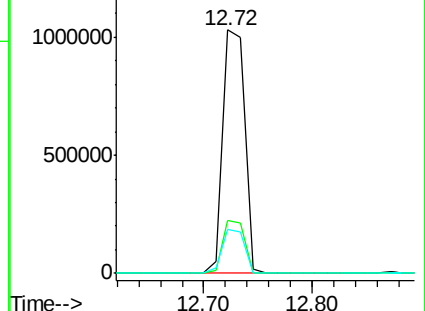
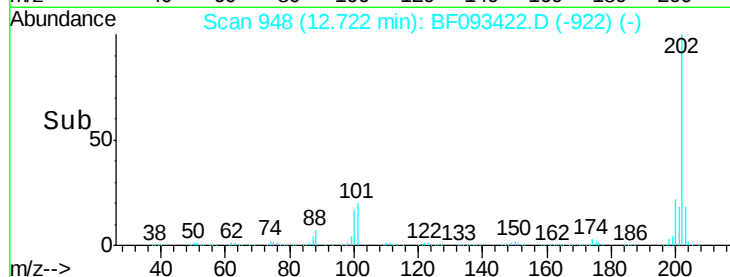
203 18.2 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 72.79 ng

RT: 12.87 min Scan# 961

Delta R.T. 0.00 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

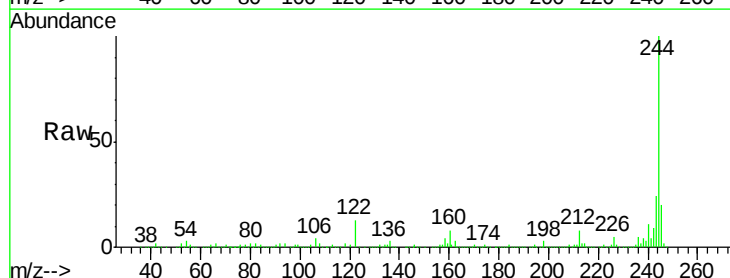
Tgt Ion:244 Resp: 1459284

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

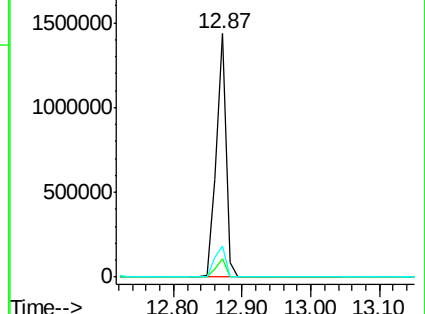
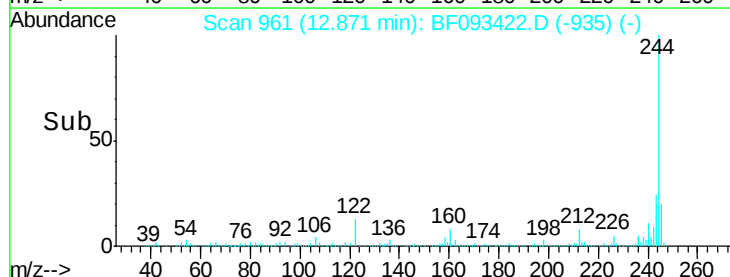
122 12.6 11.4 17.2

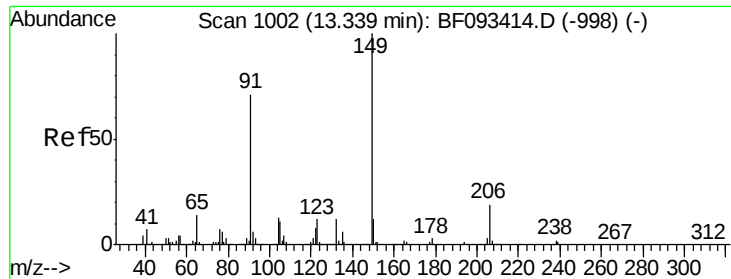


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

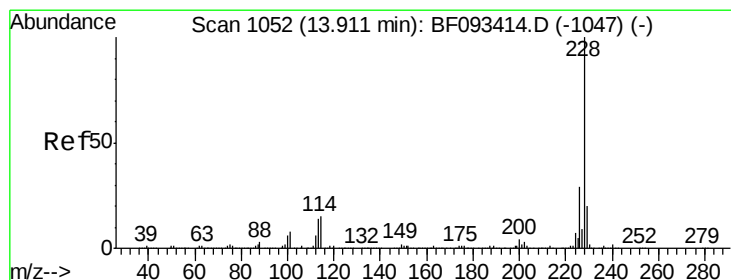
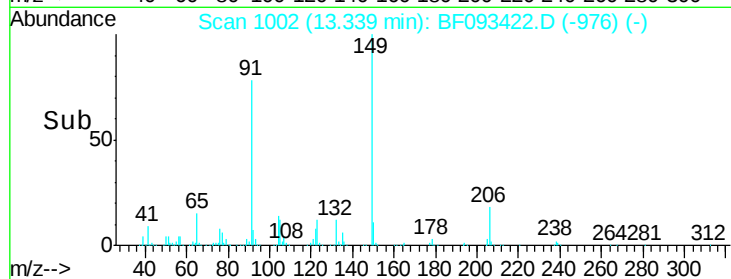
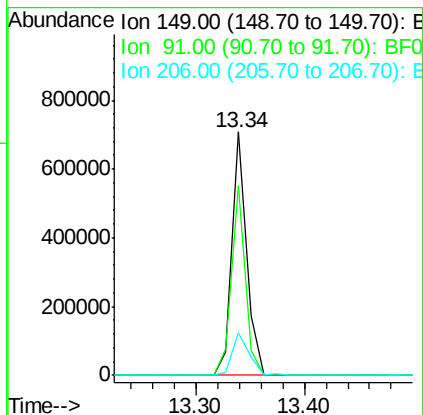
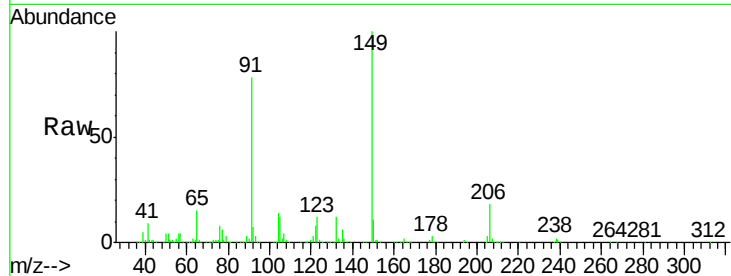




#79
Butylbenzylphthalate
Concen: 41.00 ng
RT: 13.34 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BF093422.D
Acq: 7 Mar 2017 16:47

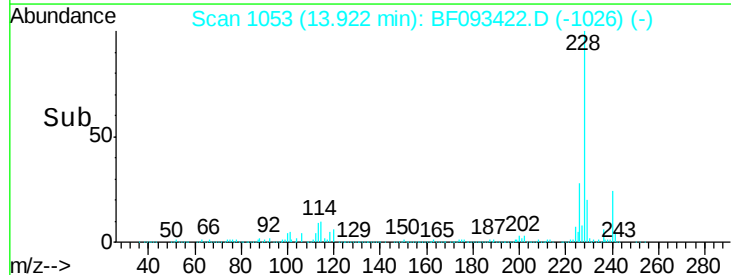
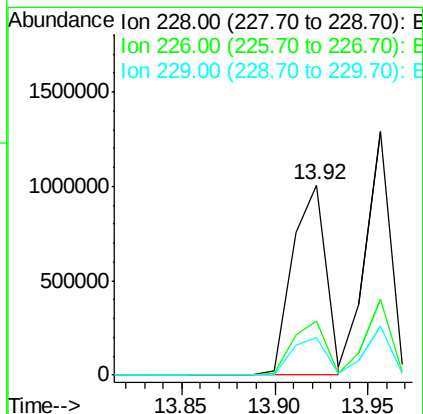
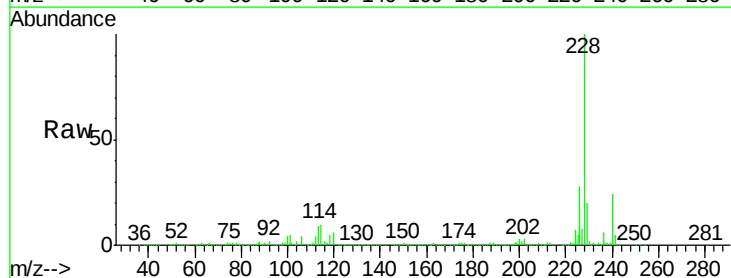
Instrument :
BNA_F
ClientSampleId :
PB97390BS

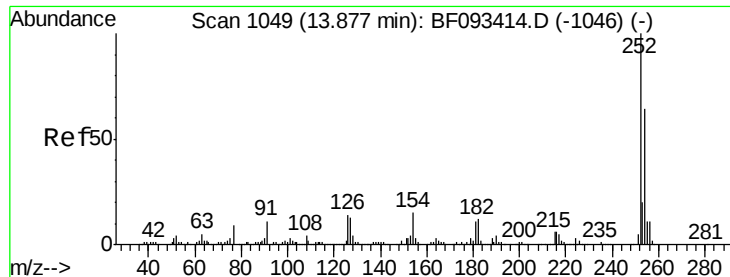
Tgt Ion:149 Resp: 654215
Ion Ratio Lower Upper
149 100
91 78.0 63.9 95.9
206 17.7 14.6 21.8



#80
Benzo(a)anthracene
Concen: 40.74 ng
RT: 13.92 min Scan# 1053
Delta R.T. 0.01 min
Lab File: BF093422.D
Acq: 7 Mar 2017 16:47

Tgt Ion:228 Resp: 1253892
Ion Ratio Lower Upper
228 100
226 28.2 22.4 33.6
229 19.6 16.2 24.4

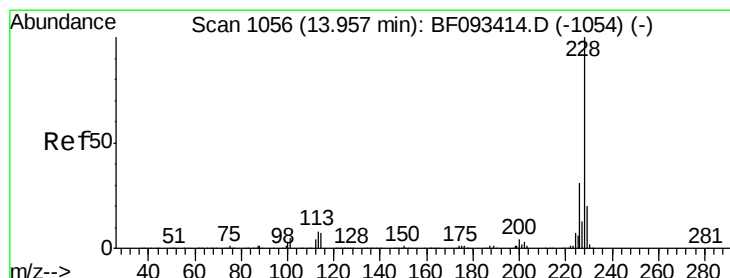
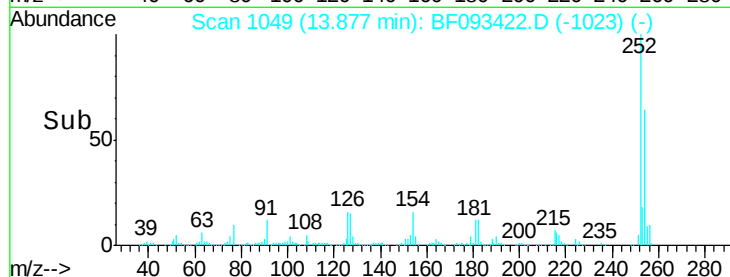
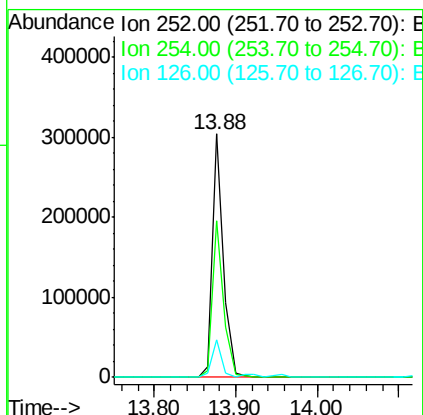
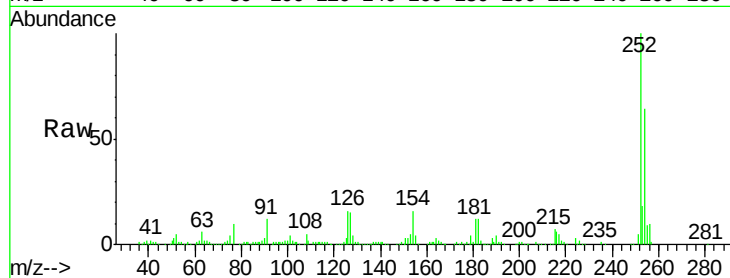




#81
 3,3'-Dichlorobenzidine
 Concen: 26.90 ng
 RT: 13.88 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: BF093422.D
 Acq: 7 Mar 2017 16:47

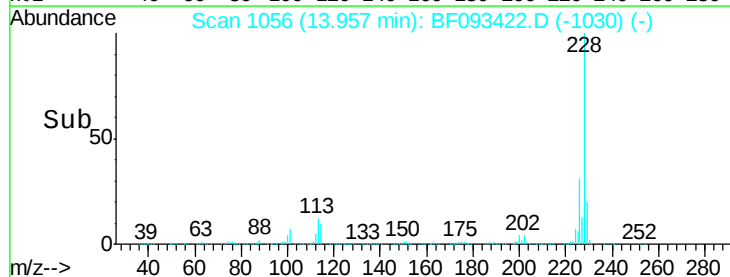
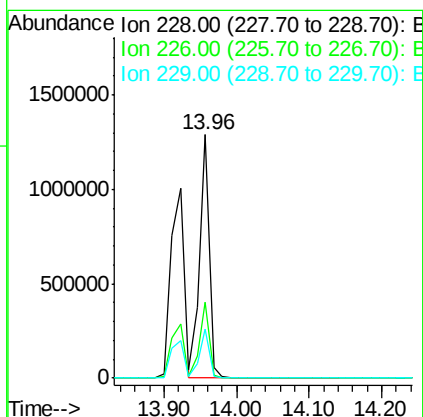
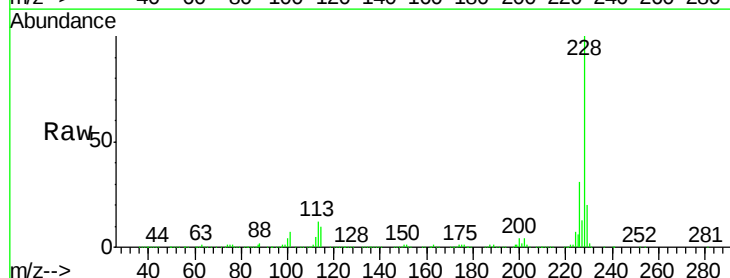
Instrument :
 BNA_F
 ClientSampleId :
 PB97390BS

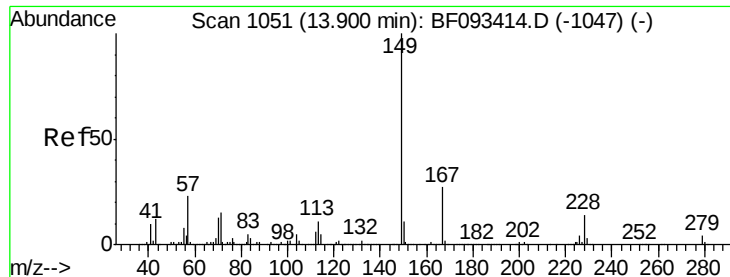
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.4	52.3	78.5
126	15.5	13.6	20.4



#82
 Chrysene
 Concen: 42.09 ng
 RT: 13.96 min Scan# 1056
 Delta R.T. 0.00 min
 Lab File: BF093422.D
 Acq: 7 Mar 2017 16:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.4	38.0
229	20.0	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.68 ng

RT: 13.90 min Scan# 1051

Delta R.T. 0.00 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

Instrument :

BNA_F

ClientSampleId :

PB97390BS

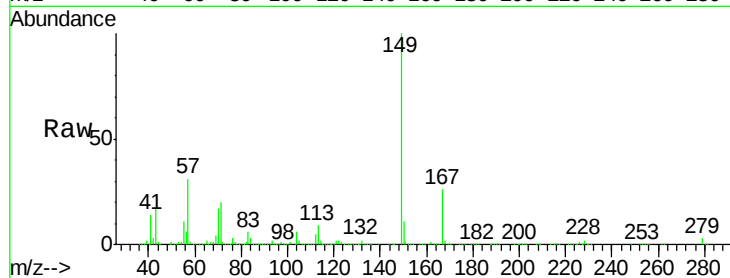
Tgt Ion:149 Resp: 993725

Ion Ratio Lower Upper

149 100

167 26.2 20.2 30.4

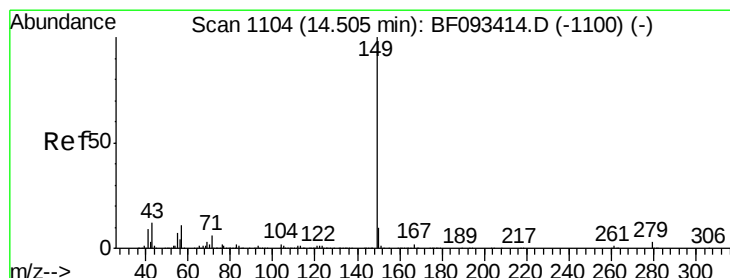
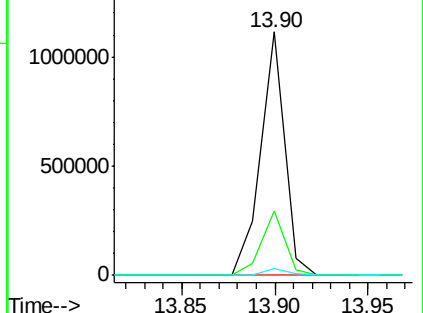
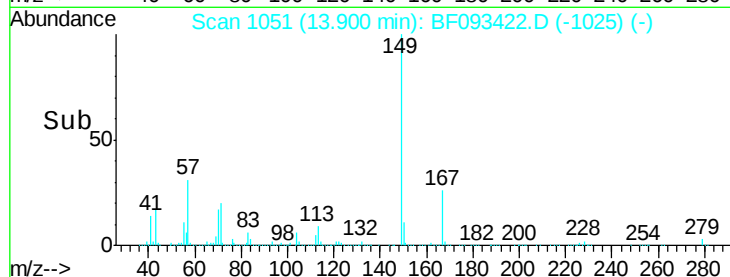
279 2.7 1.8 2.8



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: 42.49 ng

RT: 14.51 min Scan# 1104

Delta R.T. 0.00 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

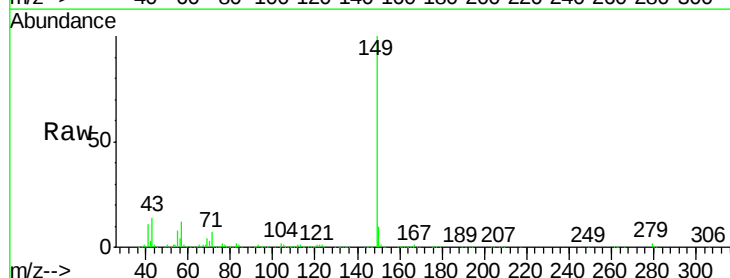
Tgt Ion:149 Resp: 1574963

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

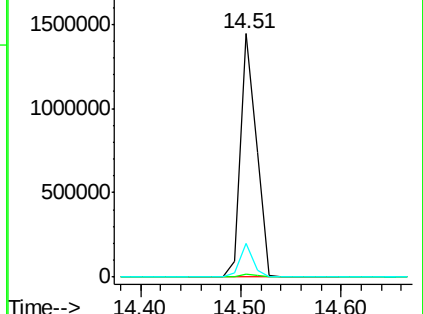
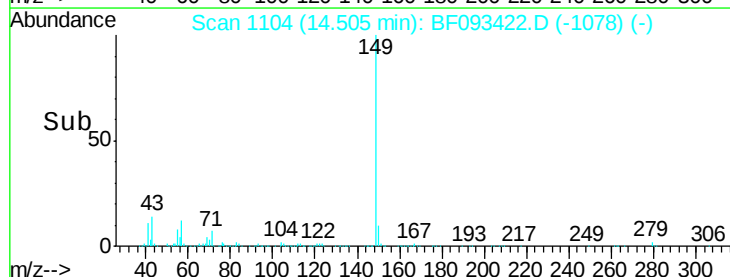
43 11.8 8.9 13.3

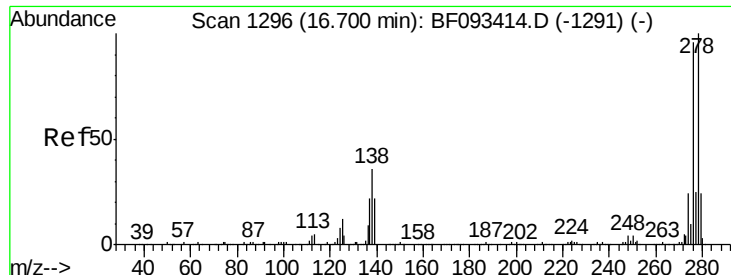


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

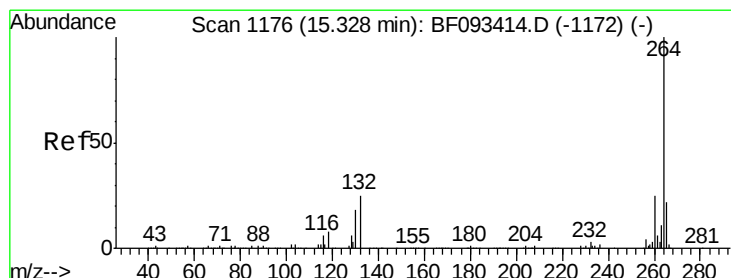
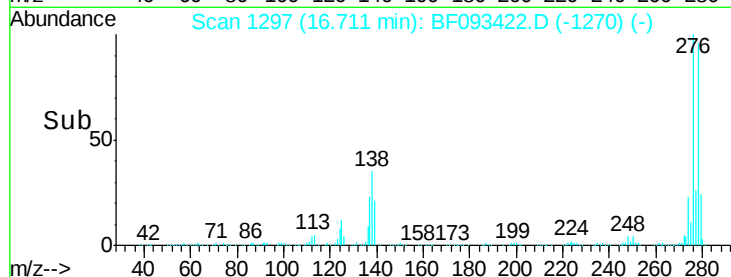
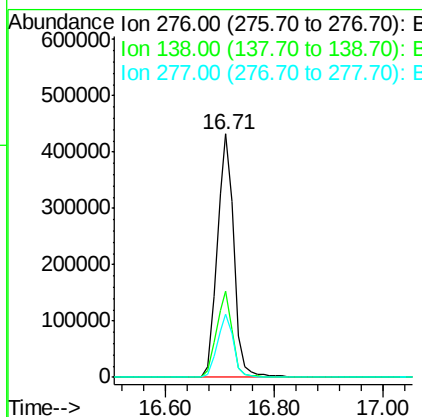
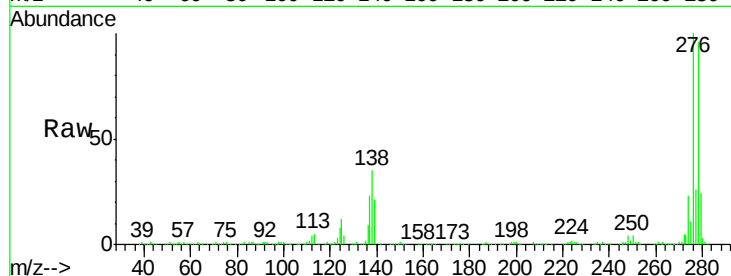




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.28 ng
 RT: 16.71 min Scan# 1297
 Delta R.T. 0.01 min
 Lab File: BF093422.D
 Acq: 7 Mar 2017 16:47

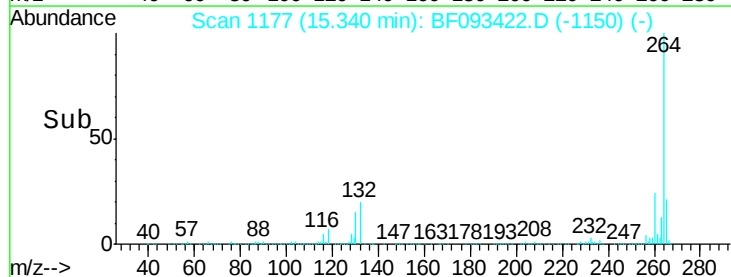
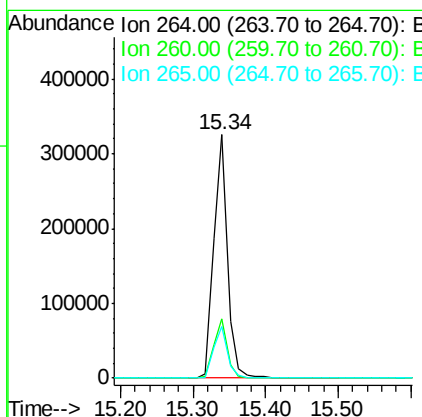
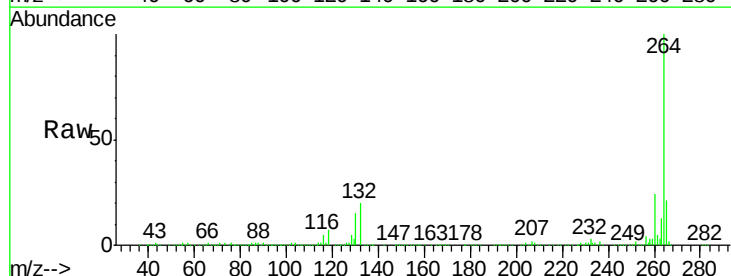
Instrument :
 BNA_F
 ClientSampleId :
 PB97390BS

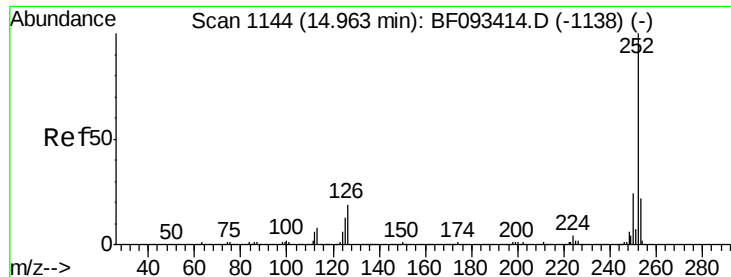
Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.2	21.8	32.6#
277	25.2	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.34 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: BF093422.D
 Acq: 7 Mar 2017 16:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.4	17.4	26.0

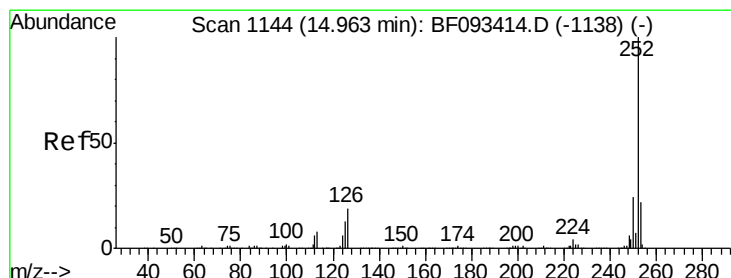
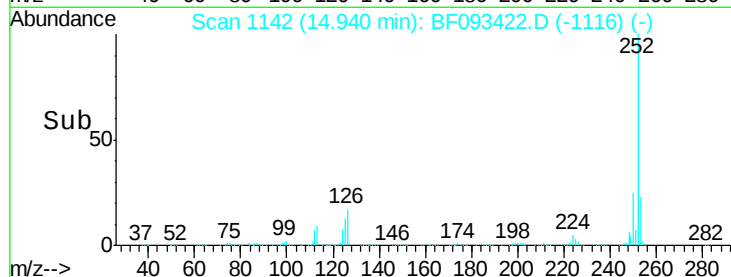
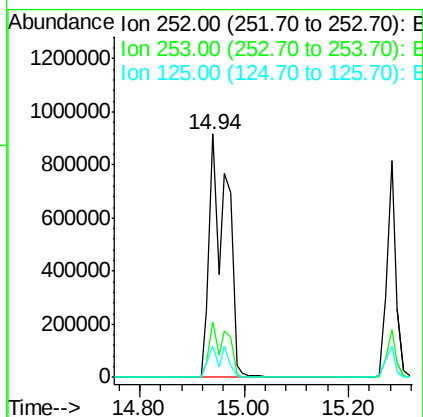
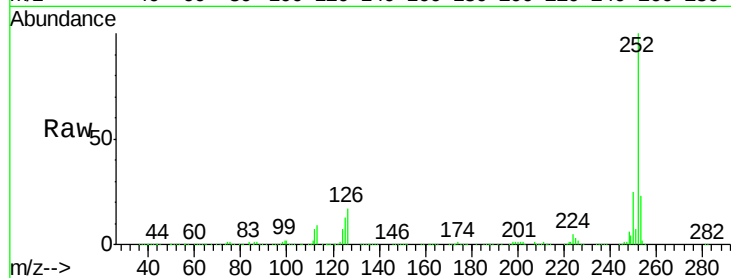




#87
Benzo(b)fluoranthene
Concen: 82.42 ng
RT: 14.94 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BF093422.D
Acq: 7 Mar 2017 16:47

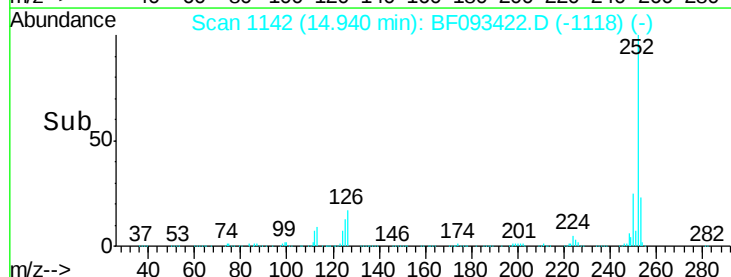
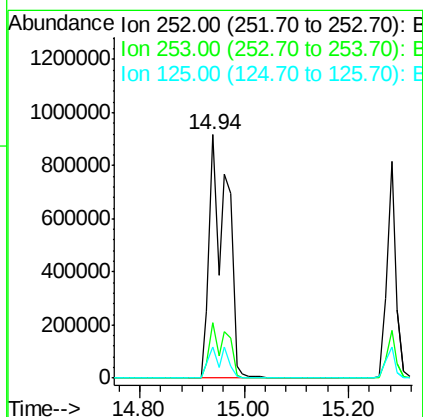
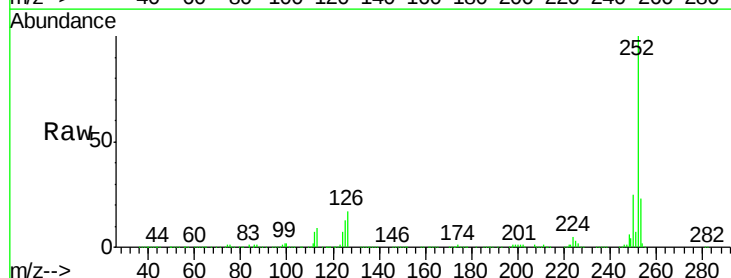
Instrument :
BNA_F
ClientSampleId :
PB97390BS

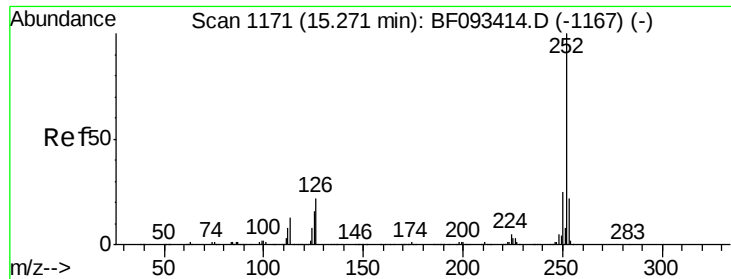
Tgt Ion:252 Resp: 2136275
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.4
125 12.7 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 85.47 ng
RT: 14.94 min Scan# 1142
Delta R.T. -0.02 min
Lab File: BF093422.D
Acq: 7 Mar 2017 16:47

Tgt Ion:252 Resp: 2136275
Ion Ratio Lower Upper
252 100
253 22.7 18.5 27.7
125 12.7 8.9 13.3

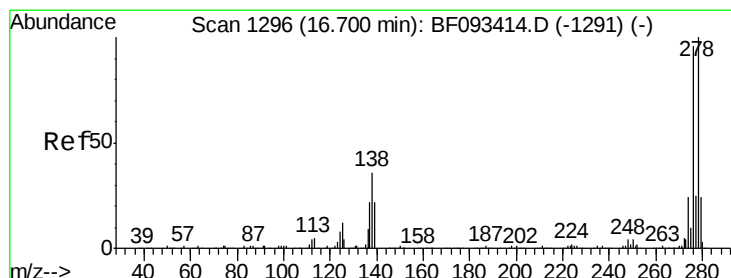
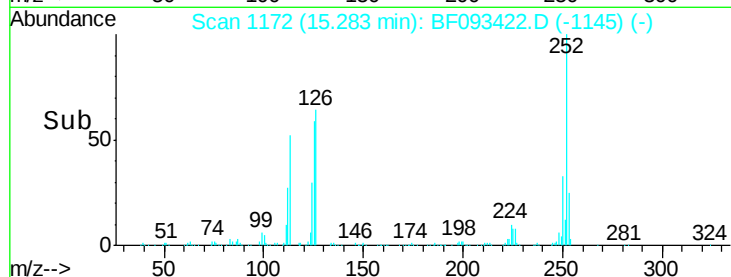
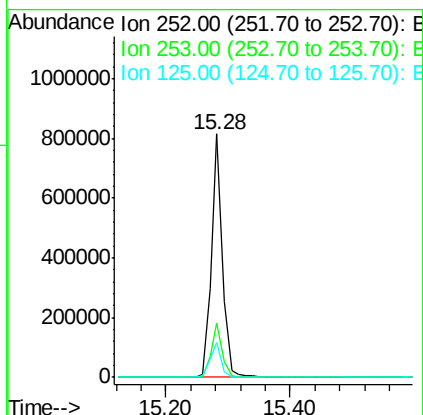
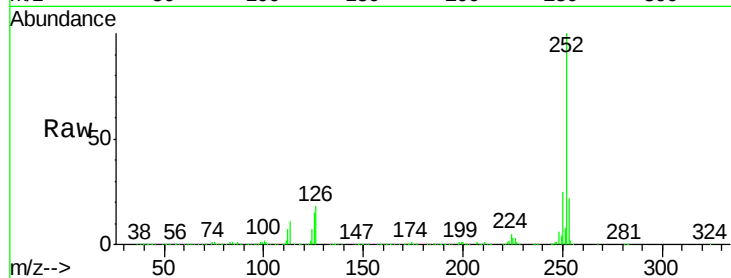




#89
Benzo(a)pyrene
Concen: 41.42 ng
RT: 15.28 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BF093422.D
Acq: 7 Mar 2017 16:47

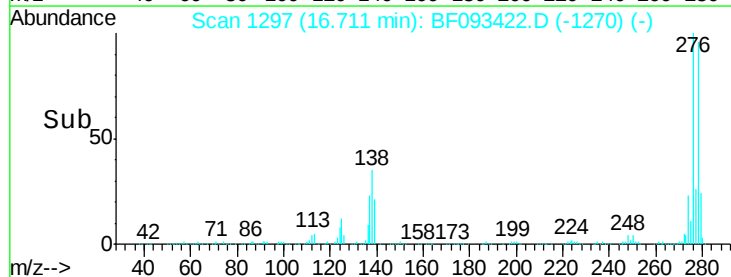
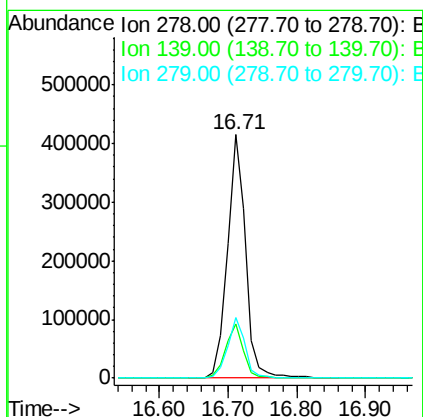
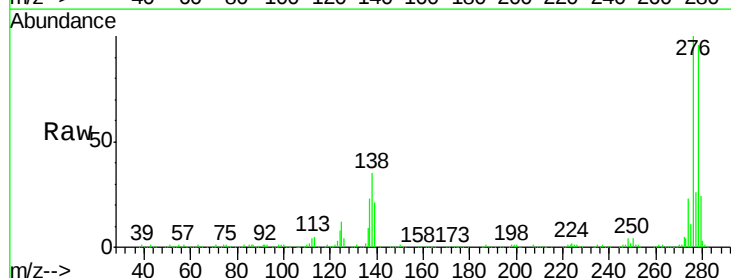
Instrument :
BNA_F
ClientSampleId :
PB97390BS

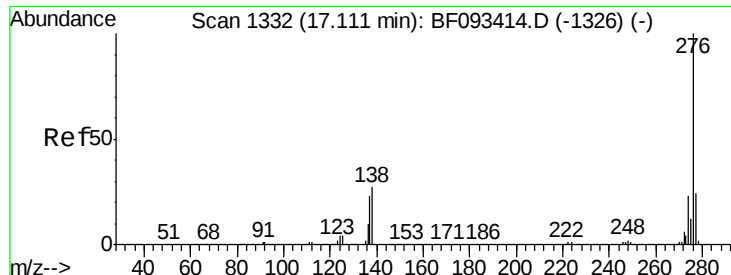
Tgt Ion: 252 Resp: 981188
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.2
125 14.5 10.0 15.0



#90
Dibenzo(a,h)anthracene
Concen: 39.64 ng
RT: 16.71 min Scan# 1297
Delta R.T. 0.01 min
Lab File: BF093422.D
Acq: 7 Mar 2017 16:47

Tgt Ion: 278 Resp: 776869
Ion Ratio Lower Upper
278 100
139 22.2 14.8 22.2#
279 24.7 19.8 29.6





#91
 Benzo(g,h,i)perylene
 Concen: 40.56 ng
 RT: 17.12 min Scan# 1333
 Delta R.T. 0.01 min
 Lab File: BF093422.D
 Acq: 7 Mar 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :
 PB97390BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	27.4	16.0	24.0

