

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
 Data File : BF093484.D
 Acq On : 9 Mar 2017 19:22
 Operator : SJ/MA
 Sample : PB97463BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97463BS

Quant Time: Mar 09 23:50:52 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	6.76	152	169377	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	703040	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	341275	20.00	ng	-0.02
63) Phenanthrene-d10	11.27	188	640651	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	528515	20.00	ng	-0.01
86) Perylene-d12	15.32	264	452139	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1317770	129.49	ng	0.00
7) Phenol-d6	6.41	99	1657549	129.16	ng	0.00
23) Nitrobenzene-d5	7.33	82	1030340	81.32	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	308377	138.69	ng	-0.01
44) 2-Fluorobiphenyl	9.11	172	1570207	85.58	ng	-0.02
78) Terphenyl-d14	12.86	244	1698618	83.56	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.28	88	160204	28.58	ng	88
3) Pyridine	2.97	79	495711	34.69	ng	87
4) n-Nitrosodimethylamine	2.93	42	283633	41.55	ng	81
6) Aniline	6.41	93	552238	31.35	ng	# 73
8) 2-Chlorophenol	6.54	128	480505	42.14	ng	91
9) Benzaldehyde	6.31	77	71286	6.45	ng	89
10) Phenol	6.42	94	724029	46.04	ng	85
11) bis(2-Chloroethyl)ether	6.49	93	485650	38.21	ng	94
12) 1,3-Dichlorobenzene	6.93	146	443461	33.98	ng	97
13) 1,4-Dichlorobenzene	6.77	146	518383	38.79	ng	99
14) 1,2-Dichlorobenzene	6.93	146	452555	38.24	ng	94
15) Benzyl Alcohol	6.92	79	410671	44.89	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.04	45	838393	39.71	ng	84
17) 2-Methylphenol	7.03	107	415434	43.07	ng	95
18) Hexachloroethane	7.26	117	178715	39.66	ng	98
19) n-Nitroso-di-n-propylamine	7.18	70	397343	45.03	ng	98
20) 3+4-Methylphenols	7.19	107	559270	44.71	ng	# 75
22) Acetophenone	7.18	105	689616	40.76	ng	# 94
24) Nitrobenzene	7.35	77	577514	40.55	ng	90
25) Isophorone	7.59	82	1068122	41.80	ng	99
26) 2-Nitrophenol	7.66	139	264970	40.78	ng	# 83
27) 2,4-Dimethylphenol	7.72	122	456031	43.15	ng	93
28) bis(2-Chloroethoxy)methane	7.80	93	664616	41.20	ng	99
29) 2,4-Dichlorophenol	7.91	162	453915	45.65	ng	87
30) 1,2,4-Trichlorobenzene	7.98	180	402049	38.02	ng	93
31) Naphthalene	8.06	128	1318312	37.42	ng	99
32) Benzoic acid	7.88	122	323477	58.90	ng	99
33) 4-Chloroaniline	8.13	127	409999	28.68	ng	97
34) Hexachlorobutadiene	8.17	225	215493	39.56	ng	99
35) Caprolactam	8.50	113	94595	27.86	ng	# 57
36) 4-Chloro-3-methylphenol	8.62	107	464078	43.73	ng	97
37) 2-Methylnaphthalene	8.74	142	893512	39.86	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	391025	41.96	ng	99
40) Hexachlorocyclopentadiene	8.89	237	161244	70.30	ng	95

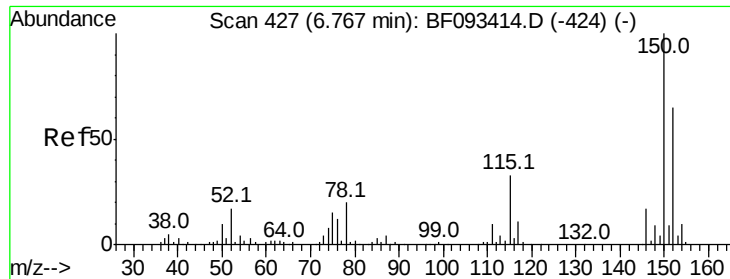
Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	285714	49.07	nq	93
43) 2,4,5-Trichlorophenol	9.09	196	290193	46.45	nq	97
45) 1,1'-Biphenyl	9.21	154	1102313	44.34	nq	97
46) 2-Chloronaphthalene	9.24	162	855100	44.93	nq	95
47) 2-Nitroaniline	9.35	65	376654	55.99	nq	97
48) Acenaphthylene	9.65	152	1311961	41.80	nq	99
49) Dimethylphthalate	9.52	163	1086694	48.03	nq	100
50) 2,6-Dinitrotoluene	9.59	165	239922	48.33	nq	# 72
51) Acenaphthene	9.82	154	776019	41.81	nq	97
52) 3-Nitroaniline	9.76	138	202076	33.88	nq	99
53) 2,4-Dinitrophenol	9.89	184	215587	95.36	nq	# 77
54) Dibenzofuran	9.99	168	1174532	50.56	nq	98
55) 4-Nitrophenol	9.96	139	293824	101.42	nq	89
56) 2,4-Dinitrotoluene	10.00	165	301909	49.50	nq	# 89
57) Fluorene	10.33	166	899691	45.71	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.13	232	237976	53.98	nq	96
59) Diethylphthalate	10.22	149	1084973	50.18	nq	97
60) 4-Chlorophenyl-phenylether	10.33	204	419520	47.55	nq	# 73
61) 4-Nitroaniline	10.38	138	268480	44.01	nq	96
62) Azobenzene	10.49	77	1378520	56.10	nq	92
64) 4,6-Dinitro-2-methylphenol	10.41	198	175861	42.37	nq	# 19
65) n-Nitrosodiphenylamine	10.45	169	848039	39.64	nq	100
66) 4-Bromophenyl-phenylether	10.81	248	243423	35.93	nq	96
67) Hexachlorobenzene	10.88	284	242245	37.45	nq	# 68
68) Atrazine	10.98	200	273482	43.68	nq	99
69) Pentachlorophenol	11.09	266	208156	93.20	nq	98
70) Phenanthrene	11.29	178	1401016	38.31	nq	100
71) Anthracene	11.35	178	1465855	39.63	nq	99
72) Carbazole	11.51	167	1304139	37.53	nq	99
73) Di-n-butylphthalate	11.83	149	1550502	38.57	nq	99
74) Fluoranthene	12.48	202	1401343	39.67	nq	97
76) Benzidine	12.61	184	598658	34.45	nq	97
77) Pyrene	12.71	202	1439976	37.46	nq	99
79) Butylbenzylphthalate	13.33	149	767581	47.44	nq	94
80) Benzo(a)anthracene	13.90	228	1285261	41.18	nq	99
81) 3,3'-Dichlorobenzidine	13.87	252	360678	33.00	nq	# 96
82) Chrysene	13.95	228	1298644	44.97	nq	99
83) Bis(2-ethylhexyl)phthalate	13.89	149	1040872	46.15	nq	# 94
84) Di-n-octyl phthalate	14.49	149	1696542	45.13	nq	95
85) Indeno(1,2,3-cd)pyrene	16.69	276	994431	41.14	nq	# 94
87) Benzo(b)fluoranthene	14.95	252	2251819	81.78	nq	99
88) Benzo(k)fluoranthene	14.95	252	2252211	84.81	nq	98
89) Benzo(a)pyrene	15.27	252	1065452	42.34	nq	# 97
90) Dibenzo(a,h)anthracene	16.69	278	836812	40.19	nq	97
91) Benzo(g,h,i)perylene	17.09	276	858955	40.20	nq	# 89

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

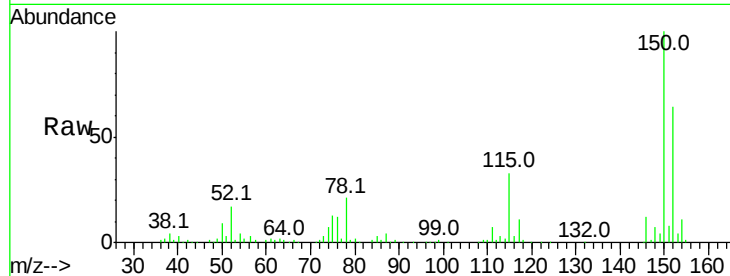


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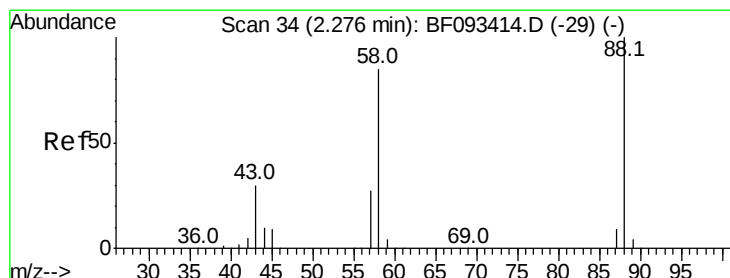
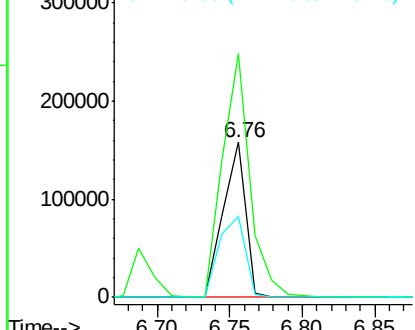
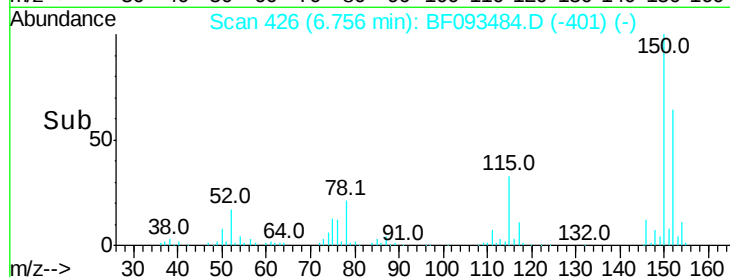
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 426
Delta R.T. -0.01 min
Lab File: BF093484.D
Acq: 9 Mar 2017 19:22

Instrument :
BNA_F
ClientSampleId :
PB97463BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.9	187.3
115	52.5	46.0	69.0



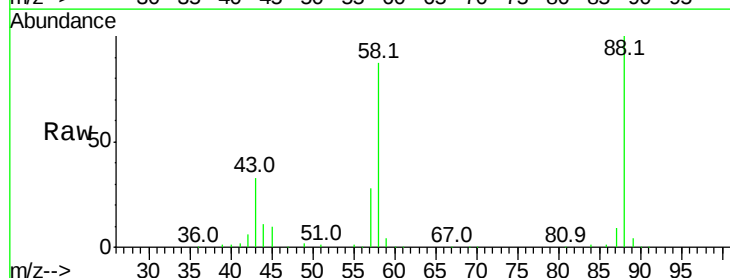
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



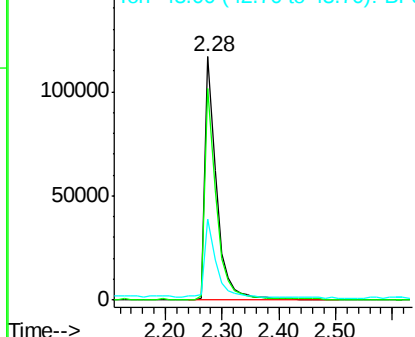
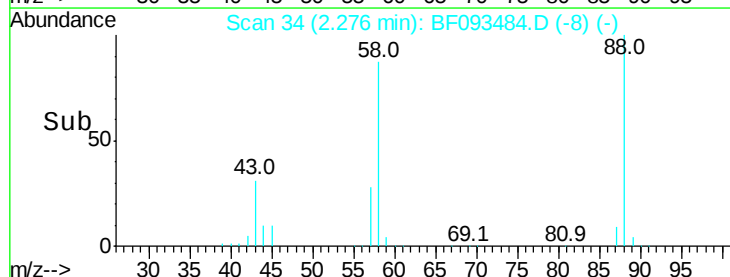
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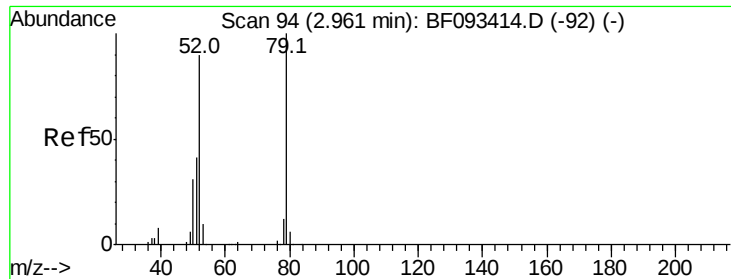
1,4-Dioxane
Concen: 28.58 ng
RT: 2.28 min Scan# 34
Delta R.T. 0.00 min
Lab File: BF093484.D
Acq: 9 Mar 2017 19:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.4	57.8	86.8
43	31.2	22.3	33.5



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





#3

Pvridine

Concen: 34.69 ng

RT: 2.97 min Scan# 95

Delta R.T. 0.01 min

Lab File: BF093484.D

Acq: 9 Mar 2017 19:22

Instrument :

BNA_F

ClientSampleId :

PB97463BS

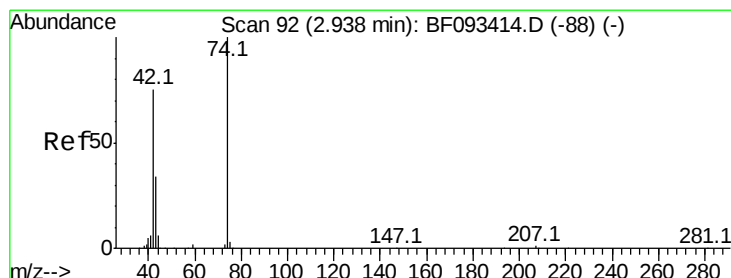
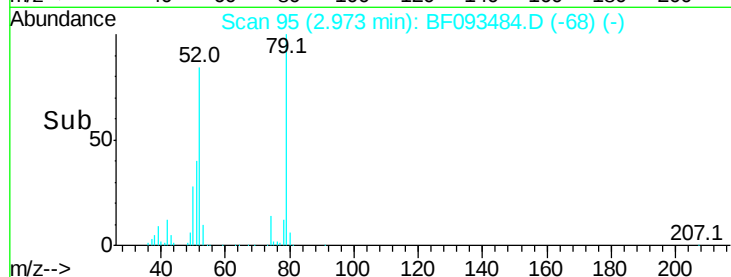
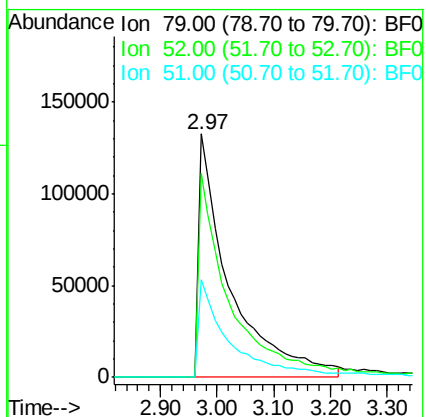
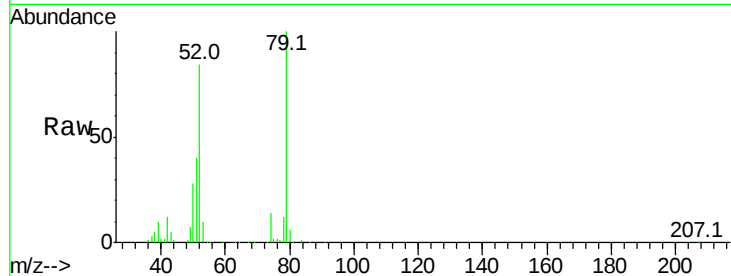
Tot Ion: 79 Resp: 495711

Ion Ratio Lower Upper

79 100

52 83.5 57.1 85.7

51 40.2 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 41.55 ng

RT: 2.93 min Scan# 91

Delta R.T. -0.01 min

Lab File: BF093484.D

Acq: 9 Mar 2017 19:22

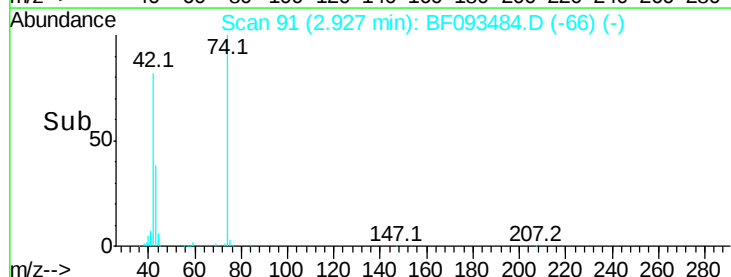
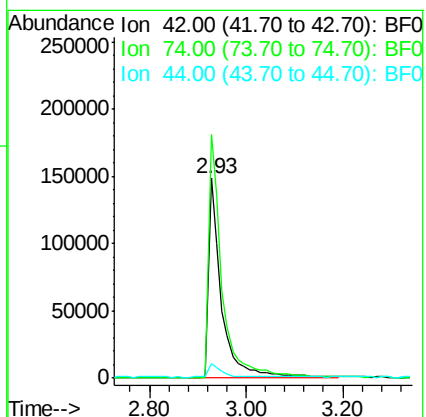
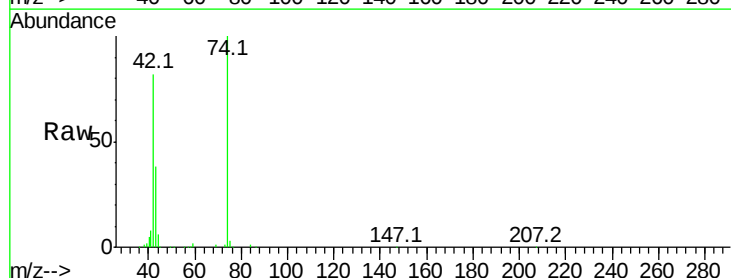
Tgt Ion: 42 Resp: 283633

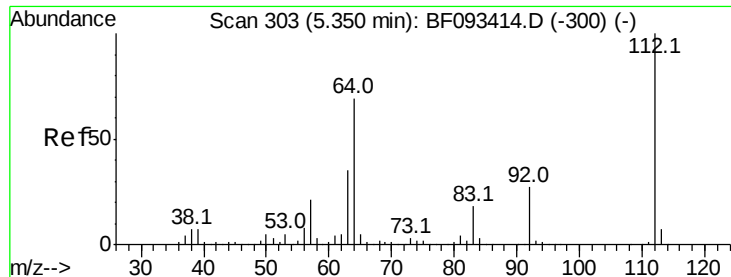
Ion Ratio Lower Upper

42 100

74 122.0 117.0 175.4

44 7.5 5.5 8.3

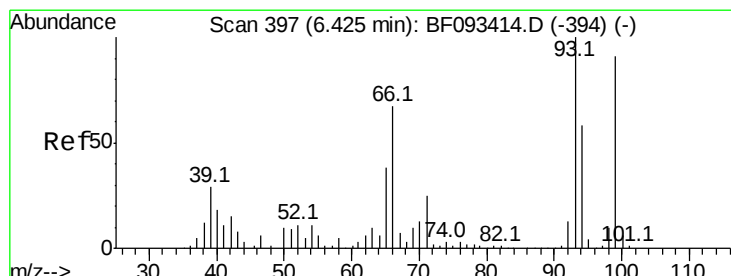
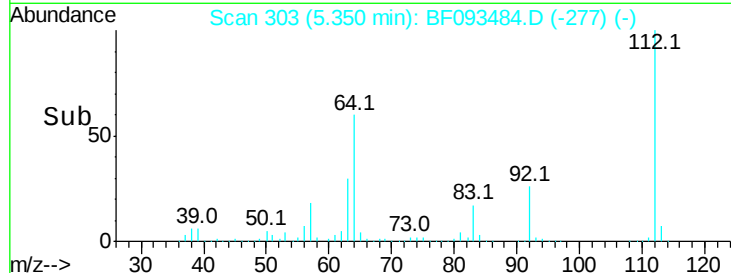
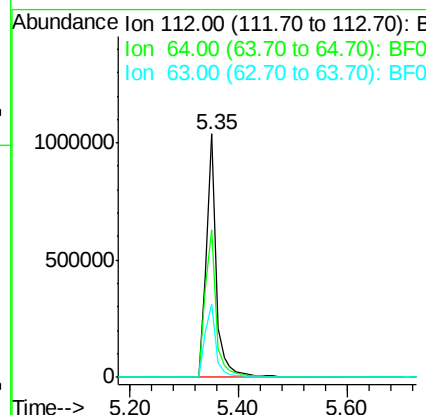
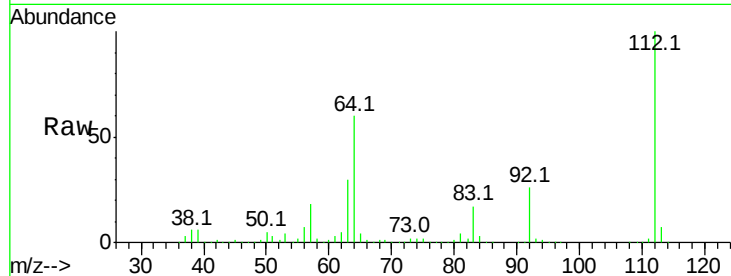




#5
 2-Fluorophenol
 Concen: 129.49 ng
 RT: 5.35 min Scan# 303
 Delta R.T. 0.00 min
 Lab File: BF093484.D
 Acq: 9 Mar 2017 19:22

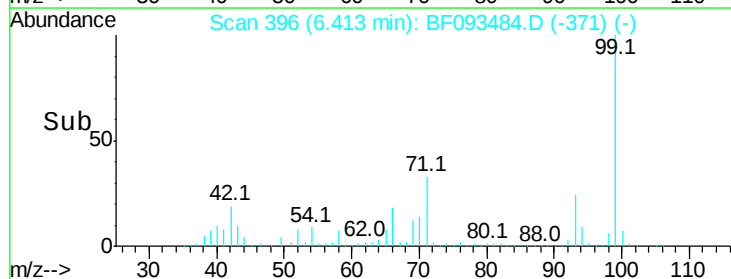
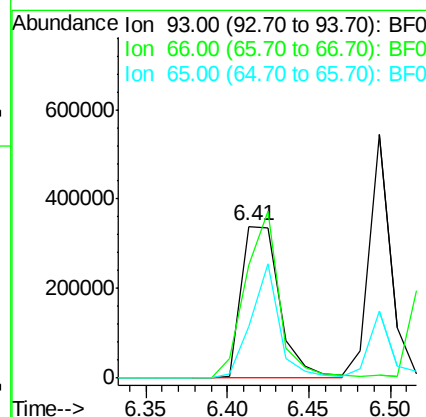
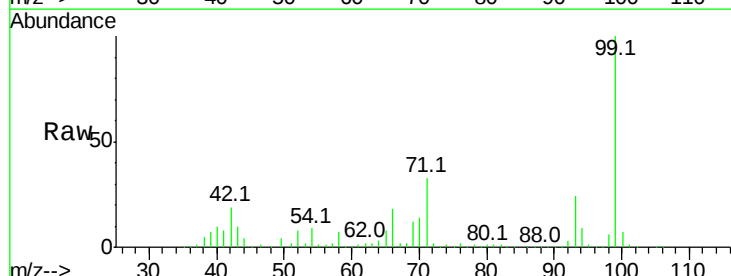
Instrument :
 BNA_F
 ClientSampleId :
 PB97463BS

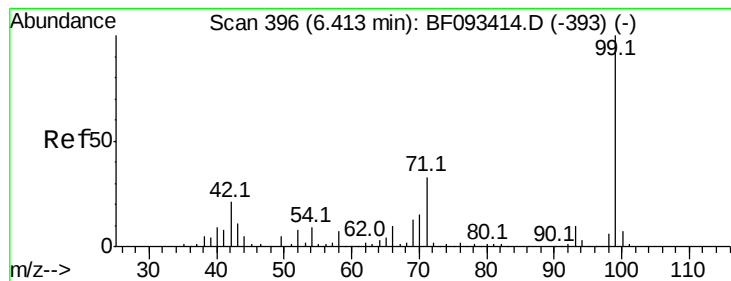
Tot Ion:112 Resp: 1317770
 Ion Ratio Lower Upper
 112 100
 64 60.5 46.1 69.1
 63 30.2 23.8 35.6



#6
 Aniline
 Concen: 31.35 ng
 RT: 6.41 min Scan# 396
 Delta R.T. -0.01 min
 Lab File: BF093484.D
 Acq: 9 Mar 2017 19:22

Tgt Ion: 93 Resp: 552238
 Ion Ratio Lower Upper
 93 100
 66 74.3 76.2 114.2#
 65 33.7 49.3 73.9#





#7

Phenol-d6

Concen: 129.16 ng

RT: 6.41 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF093484.D

Acq: 9 Mar 2017 19:22

Instrument :

BNA_F

ClientSampleId :

PB97463BS

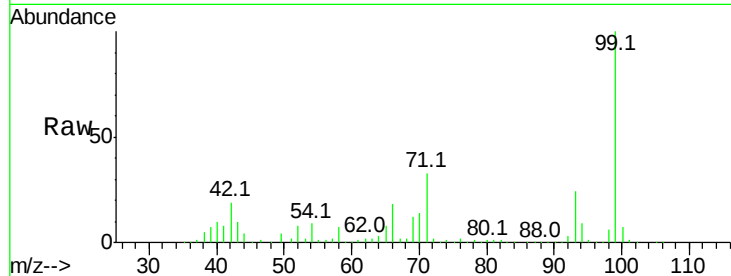
Tot Ion: 99 Resp: 1657549

Ion Ratio Lower Upper

99 100

42 19.5 15.6 23.4

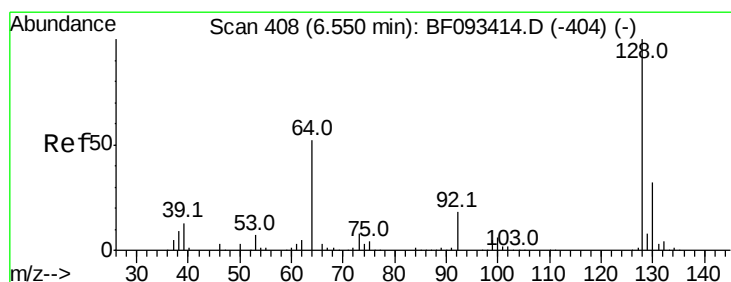
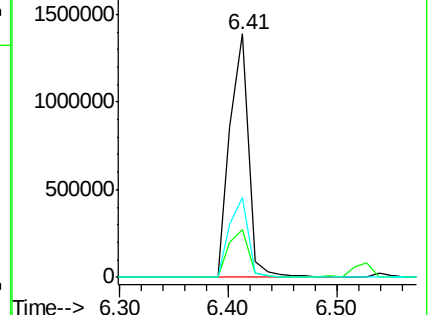
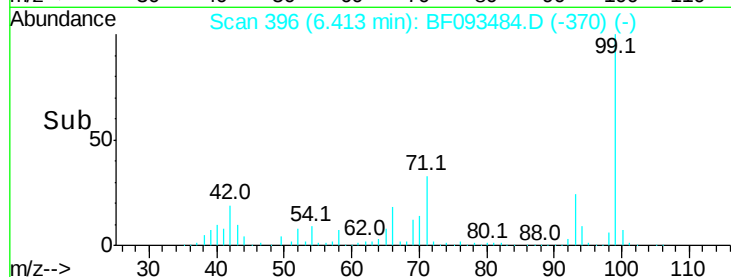
71 32.5 27.5 41.3



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: 42.14 ng

RT: 6.54 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF093484.D

Acq: 9 Mar 2017 19:22

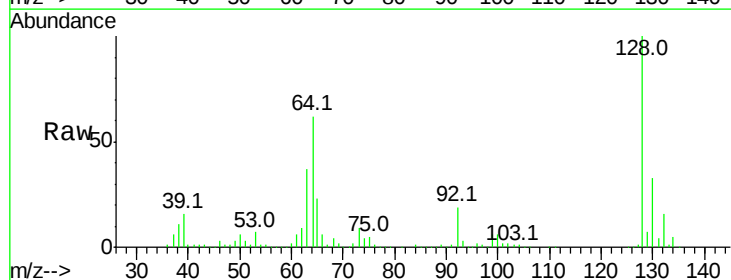
Tgt Ion:128 Resp: 480505

Ion Ratio Lower Upper

128 100

130 32.7 12.3 52.3

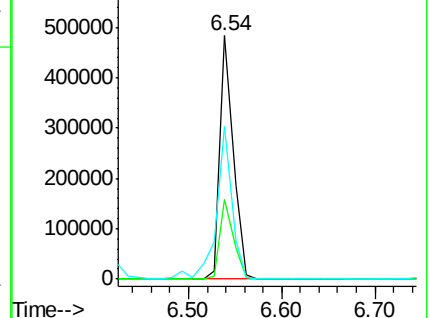
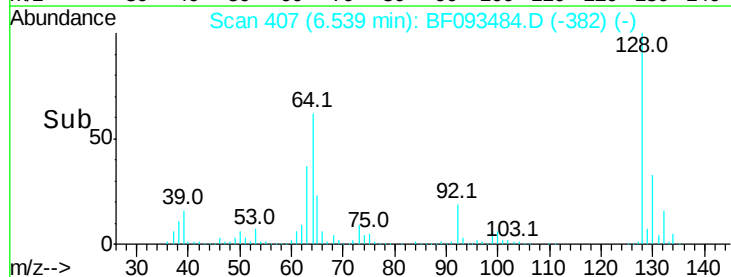
64 62.5 32.2 72.2



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

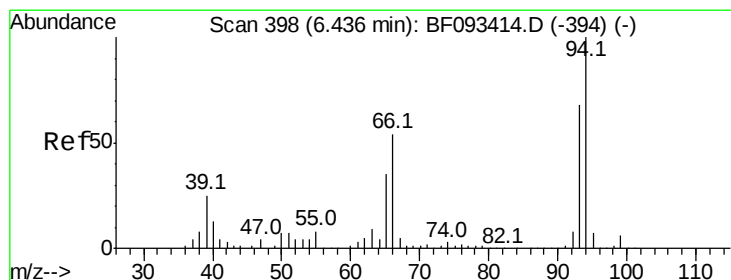
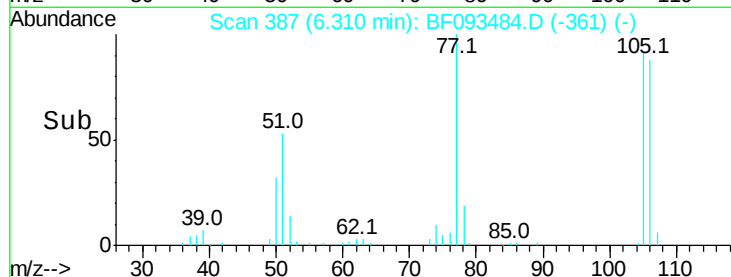
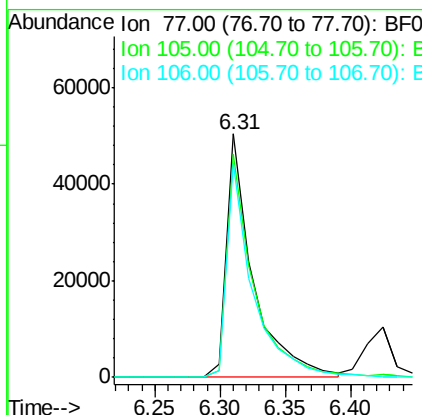
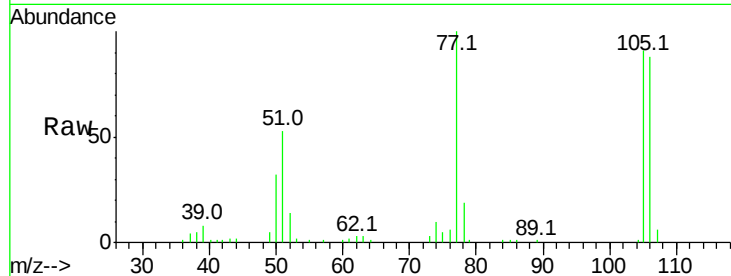




#9
Benzaldehydve
Concen: 6.45 ng
RT: 6.31 min Scan# 387
Delta R.T. 0.00 min
Lab File: BF093484.D
Acq: 9 Mar 2017 19:22

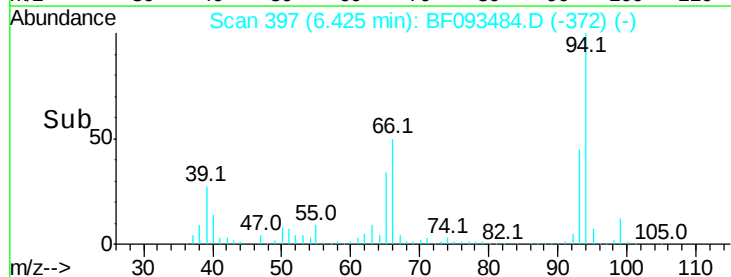
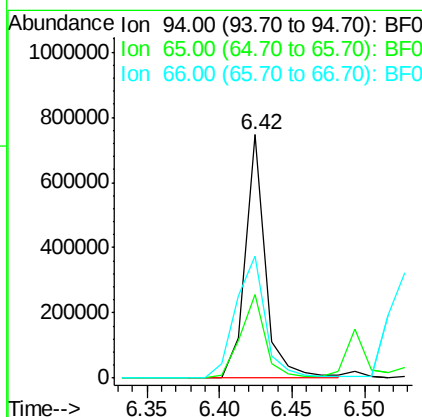
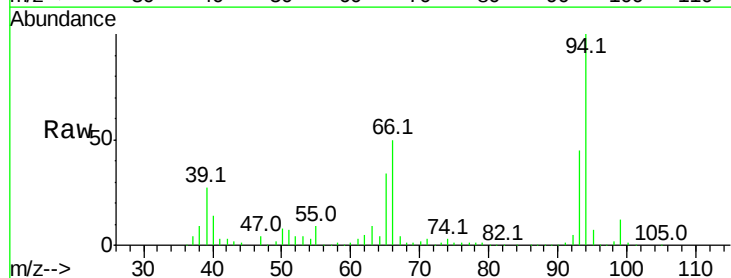
Instrument :
BNA_F
ClientSampleId :
PB97463BS

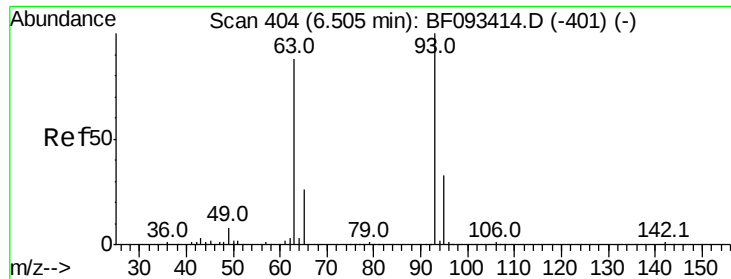
Tot Ion: 77 Resp: 71286
Ion Ratio Lower Upper
77 100
105 91.4 83.9 123.9
106 88.0 77.6 117.6



#10
Phenol
Concen: 46.04 ng
RT: 6.42 min Scan# 397
Delta R.T. -0.01 min
Lab File: BF093484.D
Acq: 9 Mar 2017 19:22

Tgt Ion: 94 Resp: 724029
Ion Ratio Lower Upper
94 100
65 34.1 21.4 61.4
66 50.1 44.0 84.0





#11

bis(2-Chloroethyl)ether

Concen: 38.21 ng

RT: 6.49 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF093484.D

Acq: 9 Mar 2017 19:22

Instrument :

BNA_F

ClientSampleId :

PB97463BS

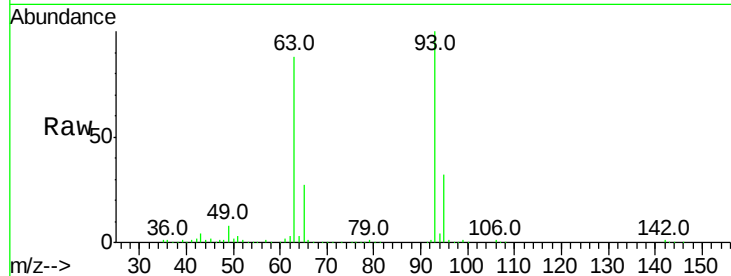
Tot Ion: 93 Resp: 485650

Ion Ratio Lower Upper

93 100

63 87.8 60.4 100.4

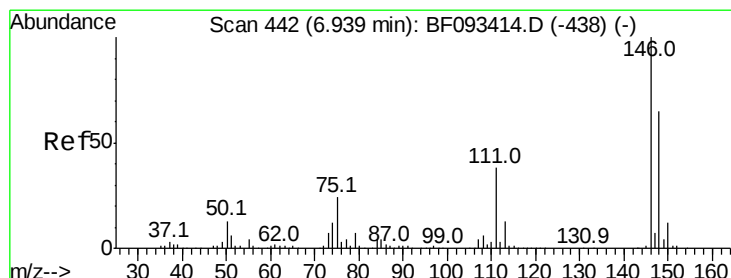
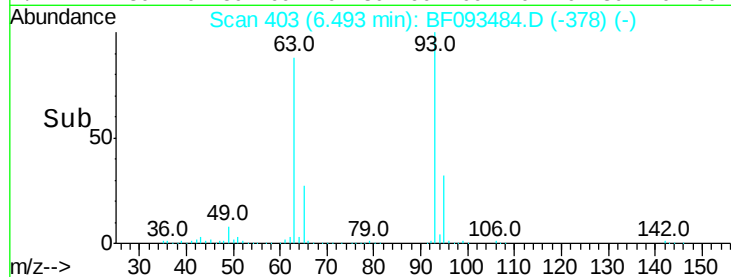
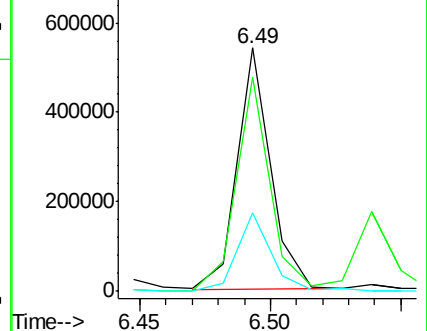
95 32.5 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 33.98 ng

RT: 6.93 min Scan# 441

Delta R.T. 0.23 min

Lab File: BF093484.D

Acq: 9 Mar 2017 19:22

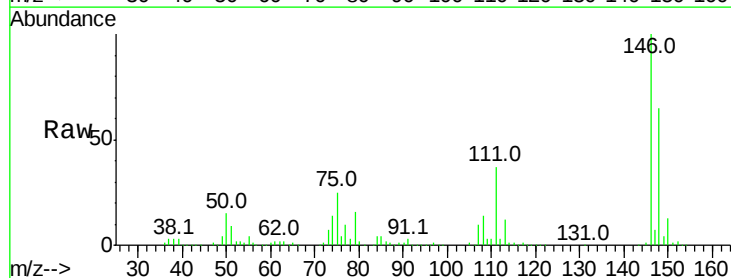
Tgt Ion: 146 Resp: 443461

Ion Ratio Lower Upper

146 100

148 64.6 53.4 80.0

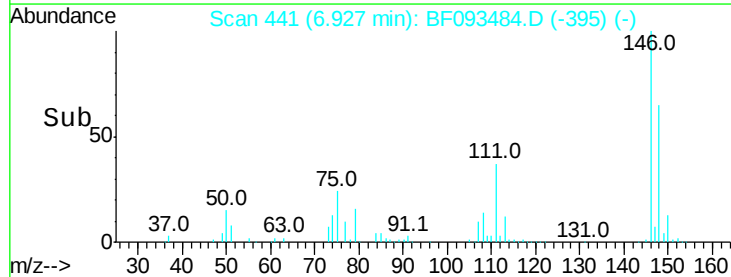
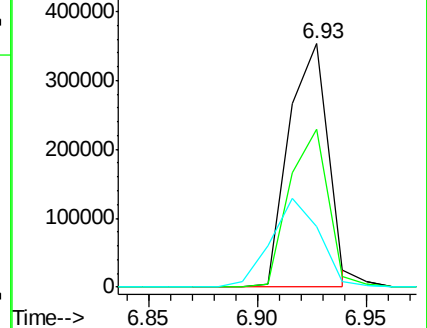
75 24.6 18.5 27.7



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

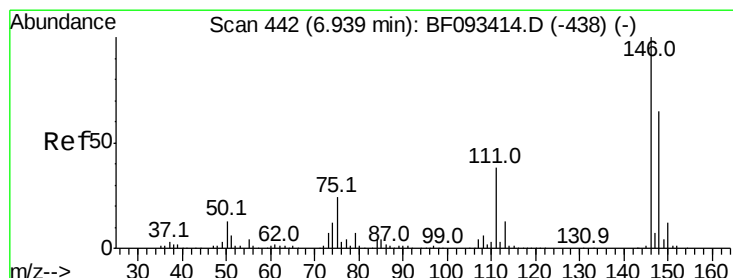
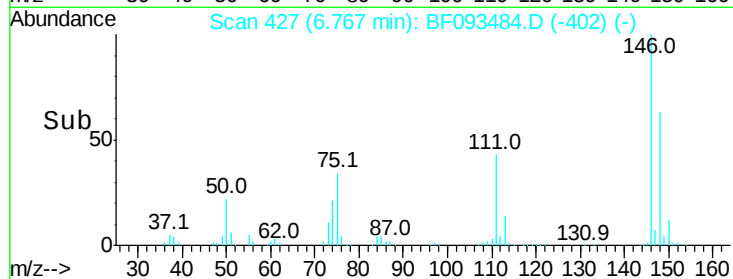
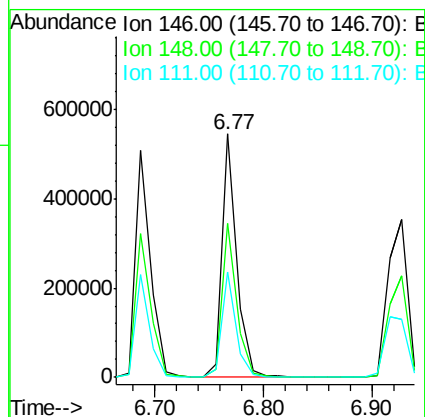
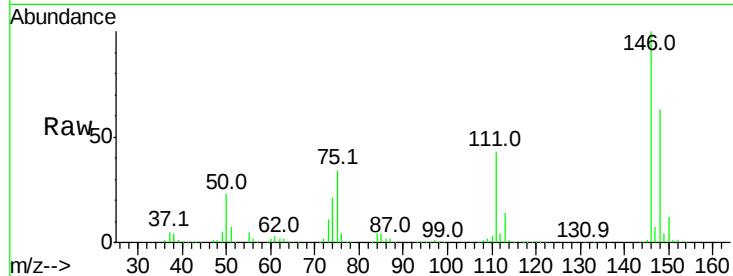




#13
 1,4-Dichlorobenzene
 Concen: 38.79 ng
 RT: 6.77 min Scan# 427
 Delta R.T. -0.01 min
 Lab File: BF093484.D
 Acq: 9 Mar 2017 19:22

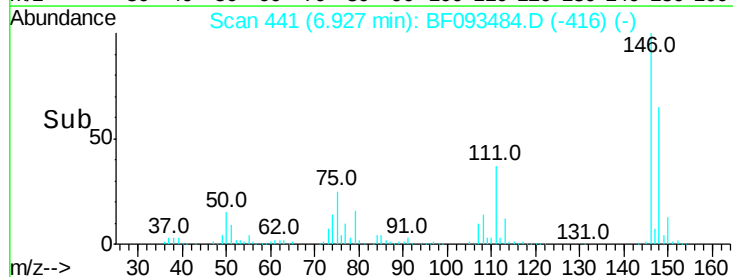
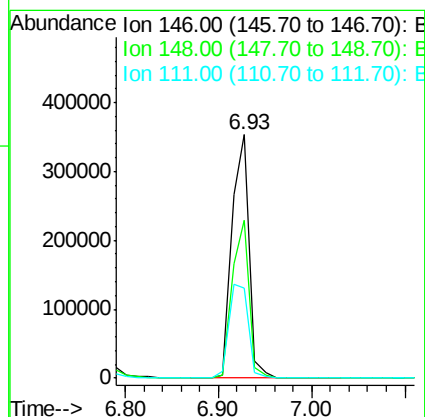
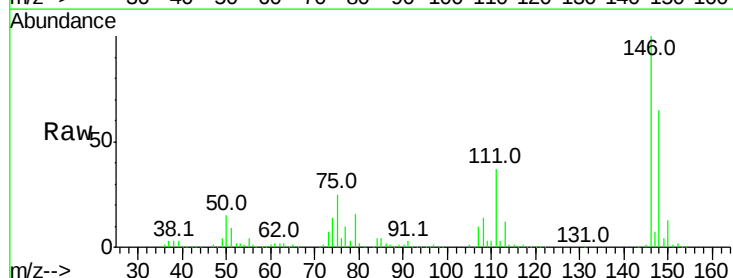
Instrument :
 BNA_F
 ClientSampleId :
 PB97463BS

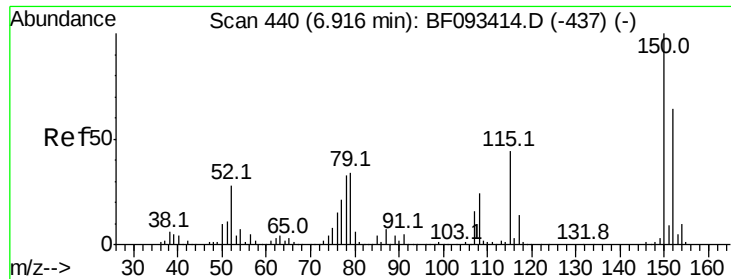
Tot Ion:146 Resp: 518383
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.6 76.0
 111 43.3 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 38.24 ng
 RT: 6.93 min Scan# 441
 Delta R.T. -0.01 min
 Lab File: BF093484.D
 Acq: 9 Mar 2017 19:22

Tgt Ion:146 Resp: 452555
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.2 78.2
 111 37.0 36.2 54.2

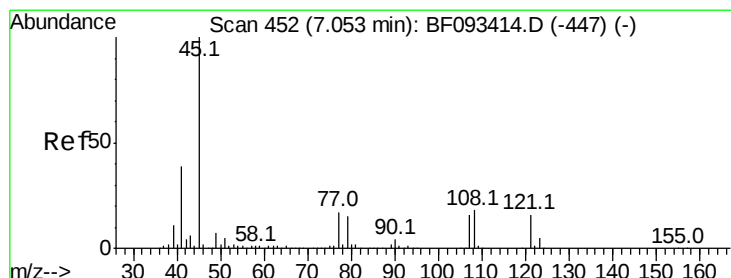
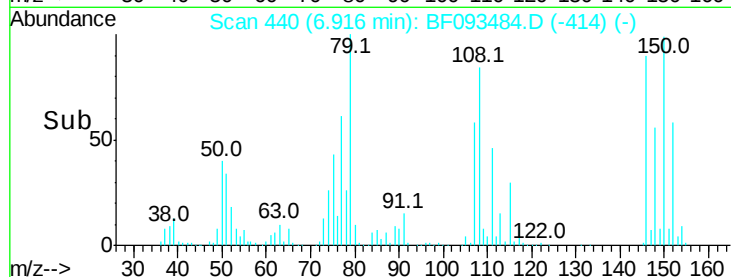
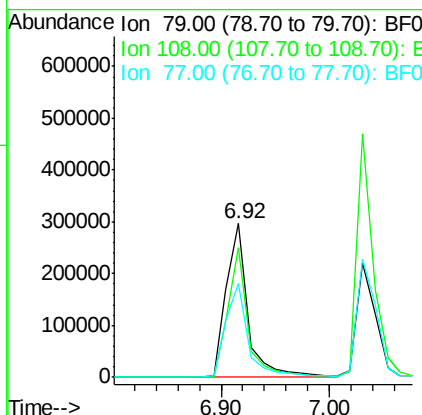
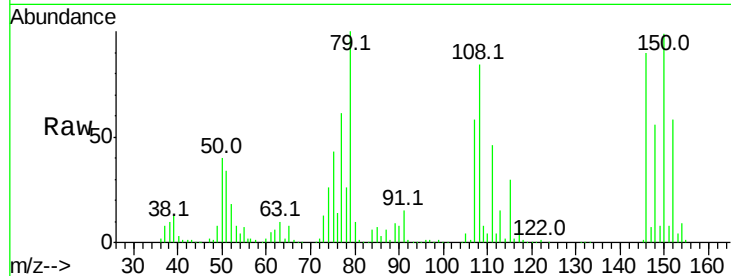




#15
Benzyl Alcohol
Concen: 44.89 ng
RT: 6.92 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF093484.D
Acq: 9 Mar 2017 19:22

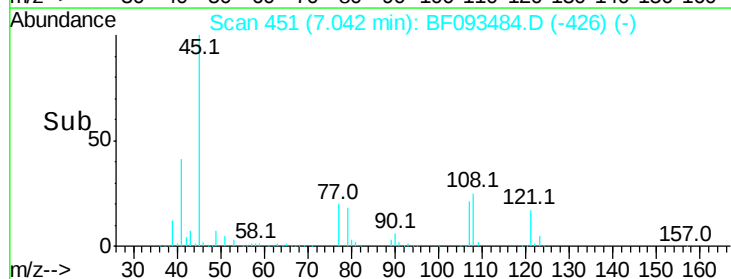
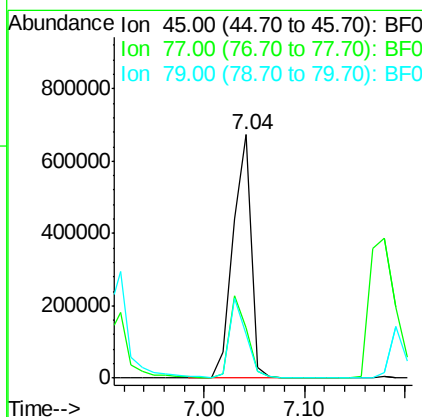
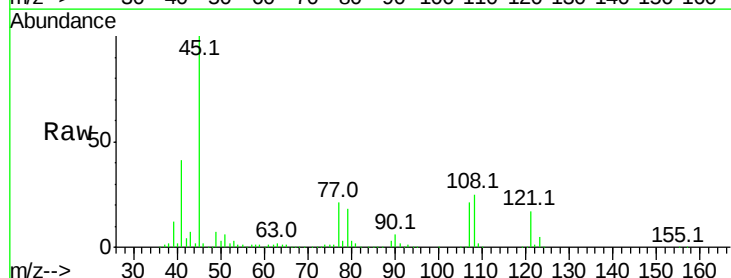
Instrument :
BNA_F
ClientSampleId :
PB97463BS

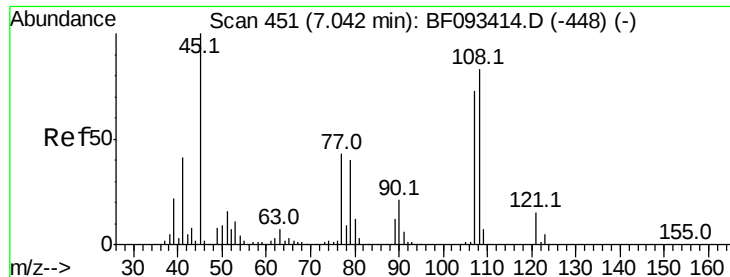
Tot Ion: 79 Resp: 410671
Ion Ratio Lower Upper
79 100
108 84.1 61.4 92.0
77 61.2 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.71 ng
RT: 7.04 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF093484.D
Acq: 9 Mar 2017 19:22

Tgt Ion: 45 Resp: 838393
Ion Ratio Lower Upper
45 100
77 20.7 0.0 34.6
79 18.2 0.0 31.2





#17

2-Methylphenol

Concen: 43.07 ng

RT: 7.03 min Scan# 450

Delta R.T. -0.01 min

Lab File: BF093484.D

Acq: 9 Mar 2017 19:22

Instrument :

BNA_F

ClientSampleId :

PB97463BS

Tot Ion:107 Resp: 415434

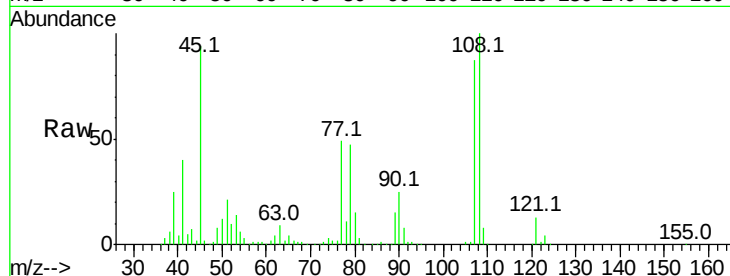
Ion Ratio Lower Upper

107 100

108 115.5 93.0 139.6

77 56.1 39.8 59.8

79 54.2 38.0 57.0

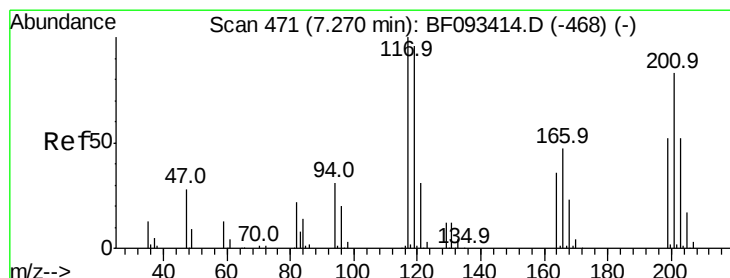
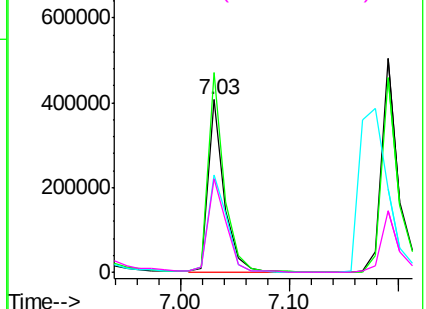
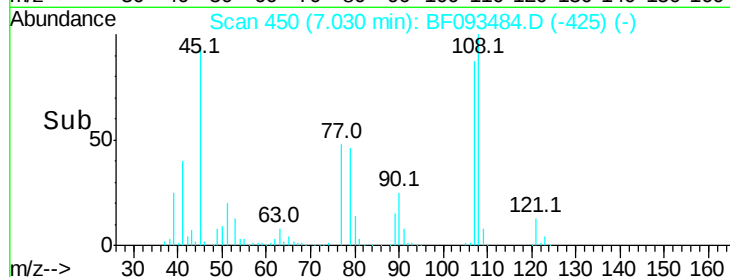


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.66 ng

RT: 7.26 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF093484.D

Acq: 9 Mar 2017 19:22

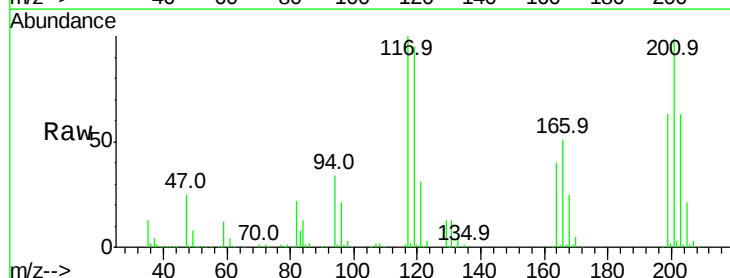
Tgt Ion:117 Resp: 178715

Ion Ratio Lower Upper

117 100

119 95.0 78.1 117.1

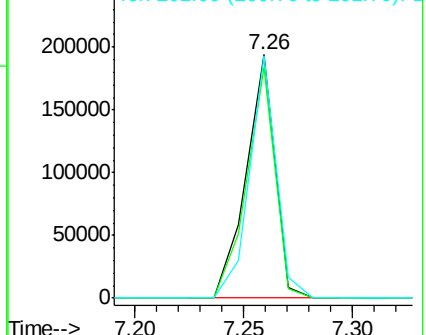
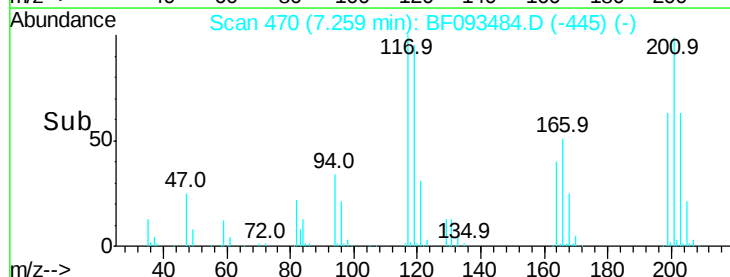
201 99.3 78.6 117.8

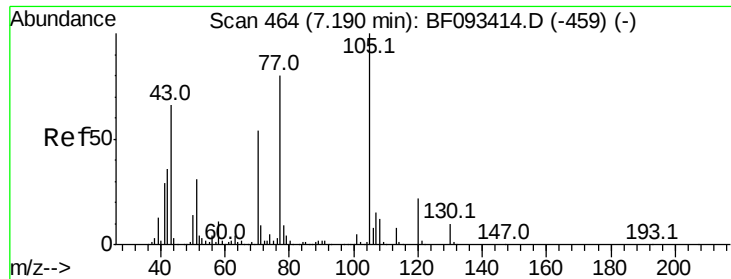


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

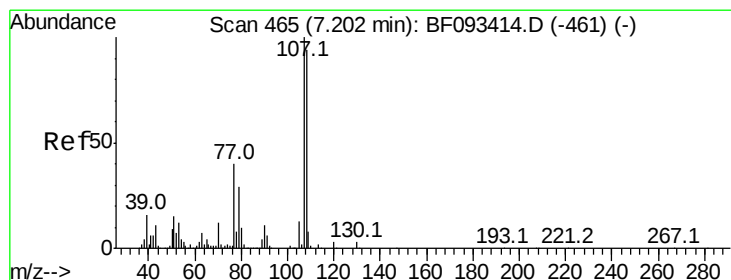
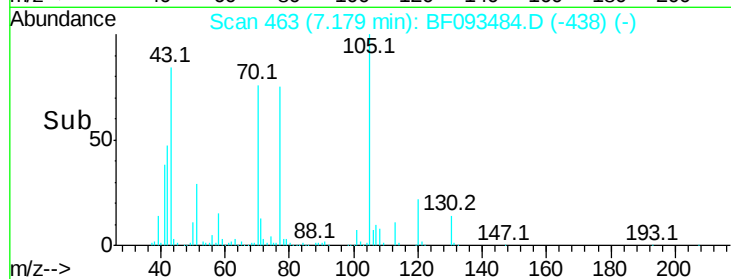
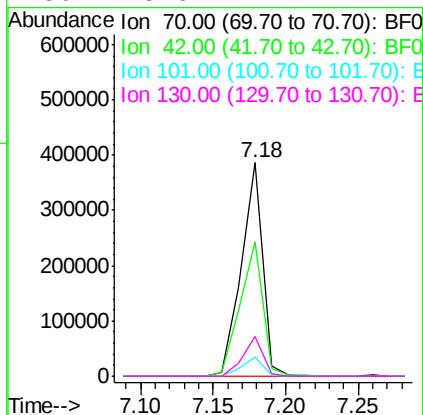
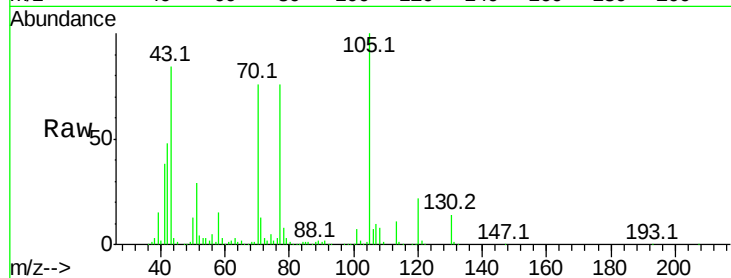




#19
n-Nitroso-di-n-propylamine
Concen: 45.03 ng
RT: 7.18 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF093484.D
Acq: 9 Mar 2017 19:22

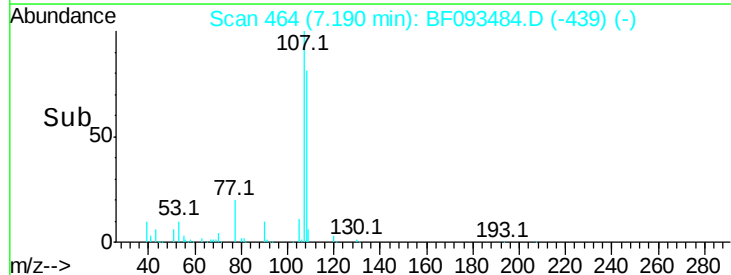
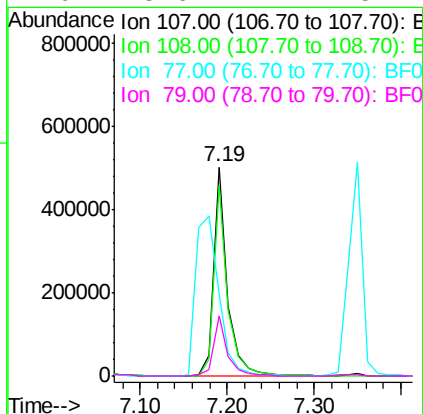
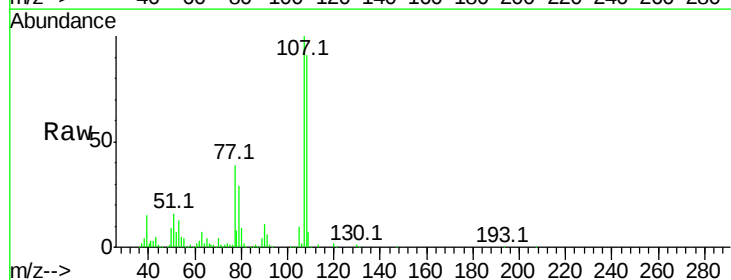
Instrument :
BNA_F
ClientSampleId :
PB97463BS

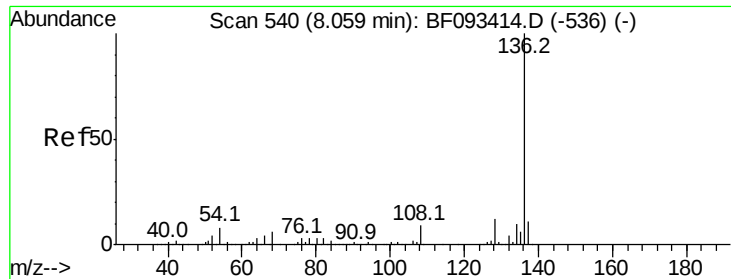
Tot Ion: 70 Resp: 397343
Ion Ratio Lower Upper
70 100
42 63.1 49.4 74.0
101 9.1 7.4 11.2
130 18.6 14.2 21.4



#20
3+4-Methylphenols
Concen: 44.71 ng
RT: 7.19 min Scan# 464
Delta R.T. -0.01 min
Lab File: BF093484.D
Acq: 9 Mar 2017 19:22

Tgt Ion: 107 Resp: 559270
Ion Ratio Lower Upper
107 100
108 91.1 73.0 113.0
77 38.9 71.3 111.3#
79 28.6 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 538

Delta R.T. -0.02 min

Lab File: BF093484.D

Acq: 9 Mar 2017 19:22

Instrument :

BNA_F

ClientSampleId :

PB97463BS

Tot Ion:136 Resp: 703040

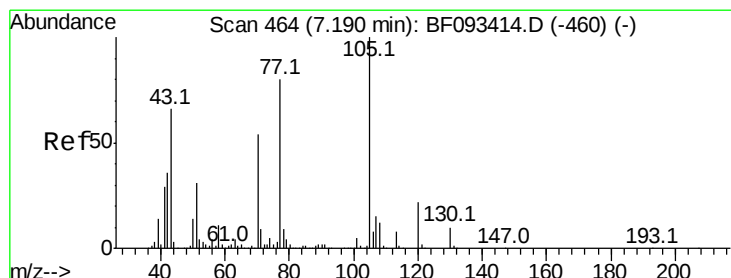
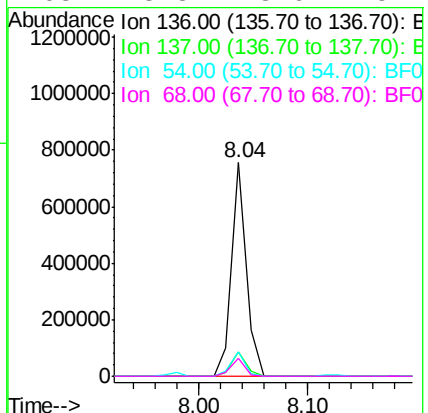
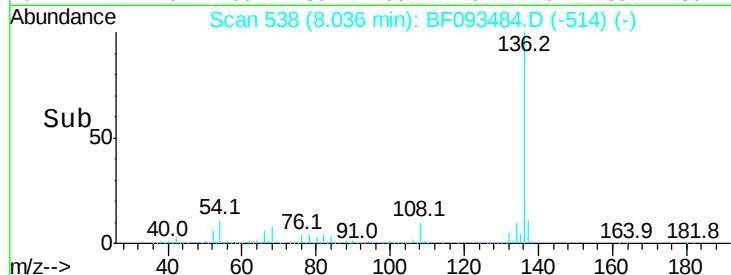
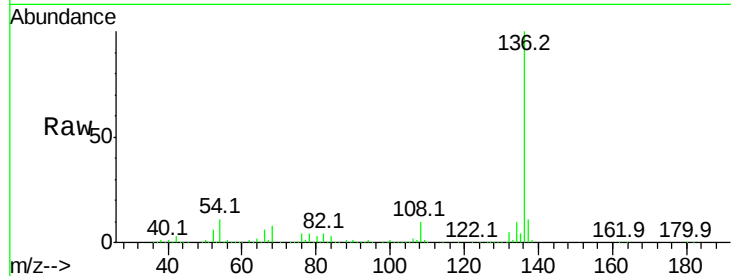
Ion Ratio Lower Upper

136 100

137 11.4 8.4 12.6

54 11.2 4.5 6.7#

68 8.3 3.6 5.4#



#22

Acetophenone

Concen: 40.76 ng

RT: 7.18 min Scan# 463

Delta R.T. -0.01 min

Lab File: BF093484.D

Acq: 9 Mar 2017 19:22

Tgt Ion:105 Resp: 689616

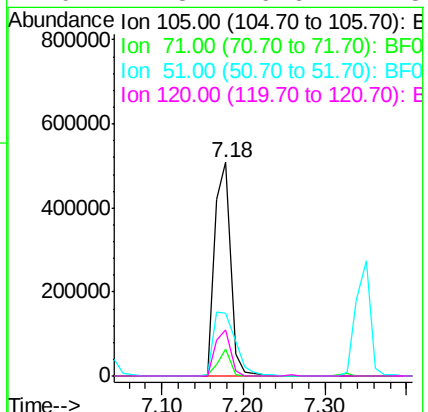
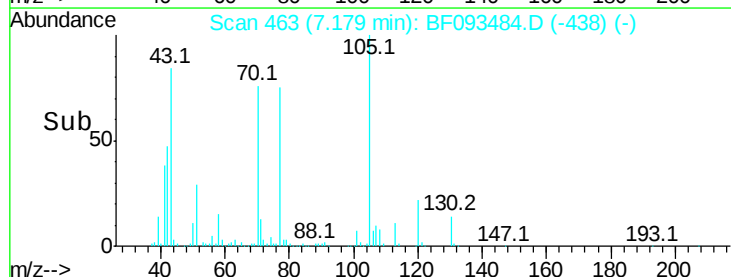
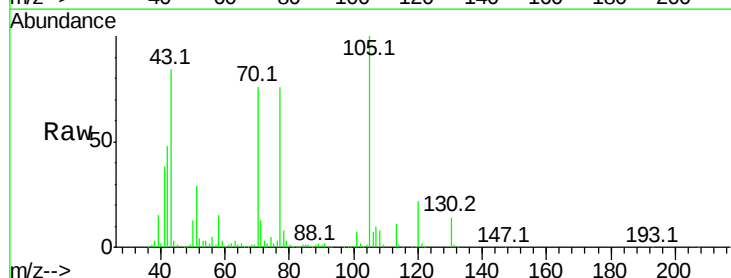
Ion Ratio Lower Upper

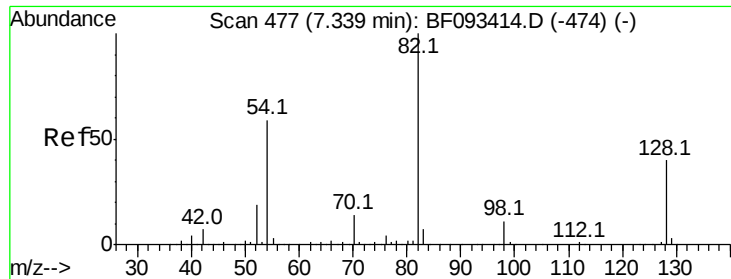
105 100

71 12.6 3.2 4.8#

51 29.3 26.2 39.4

120 21.8 16.6 24.8

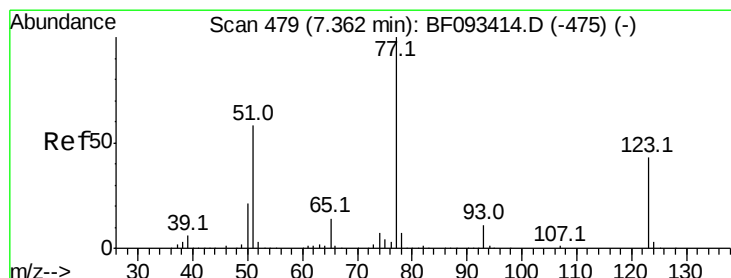
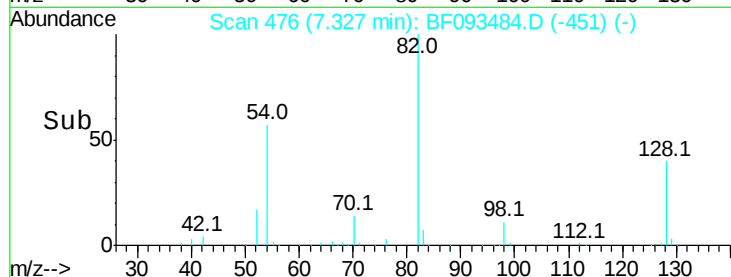
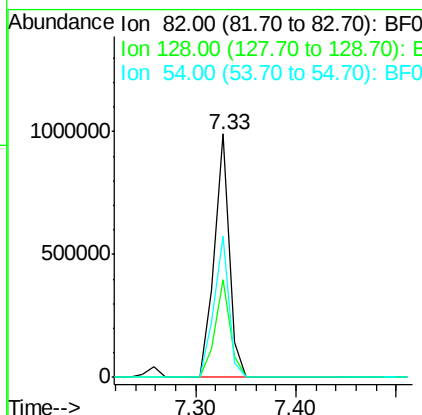
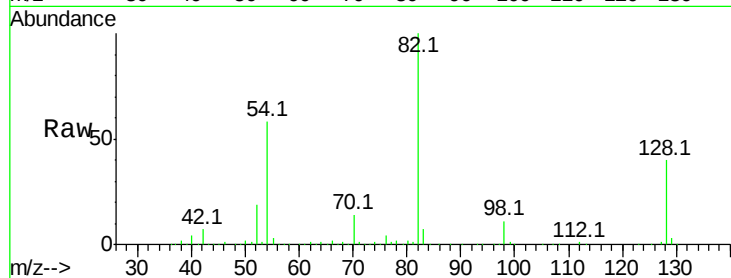




#23
 Nitrobenzene-d5
 Concen: 81.32 ng
 RT: 7.33 min Scan# 476
 Delta R.T. -0.01 min
 Lab File: BF093484.D
 Acq: 9 Mar 2017 19:22

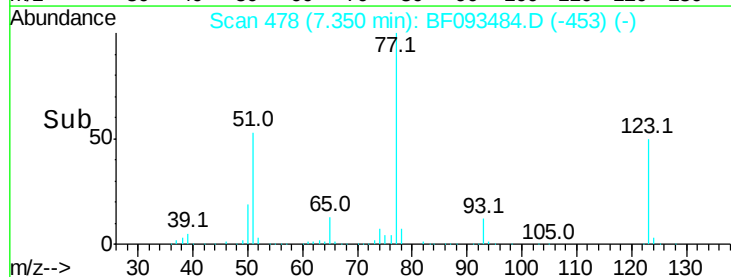
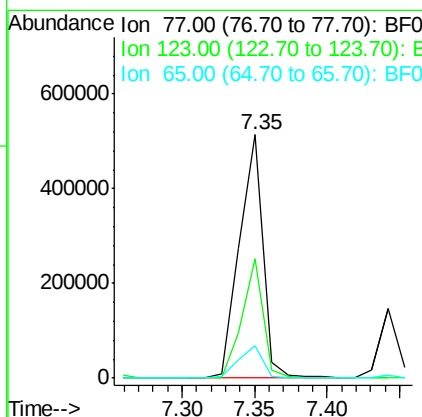
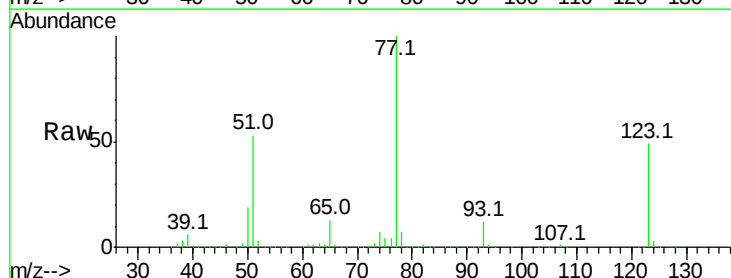
Instrument :
 BNA_F
 ClientSampleId :
 PB97463BS

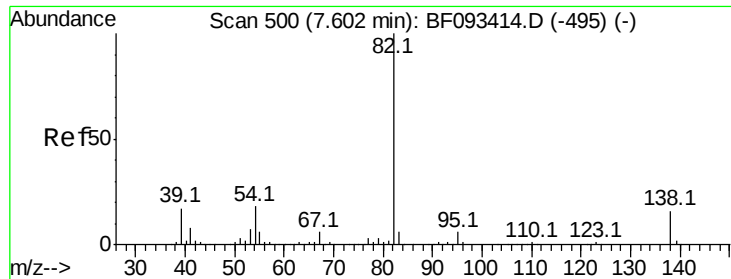
Tot Ion: 82 Resp: 1030340
 Ion Ratio Lower Upper
 82 100
 128 40.2 34.6 52.0
 54 58.1 39.5 59.3



#24
 Nitrobenzene
 Concen: 40.55 ng
 RT: 7.35 min Scan# 478
 Delta R.T. -0.01 min
 Lab File: BF093484.D
 Acq: 9 Mar 2017 19:22

Tgt Ion: 77 Resp: 577514
 Ion Ratio Lower Upper
 77 100
 123 49.3 33.0 49.4
 65 13.2 11.2 16.8





#25

Isophorone

Concen: 41.80 ng

RT: 7.59 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF093484.D

Acq: 9 Mar 2017 19:22

Instrument :

BNA_F

ClientSampleId :

PB97463BS

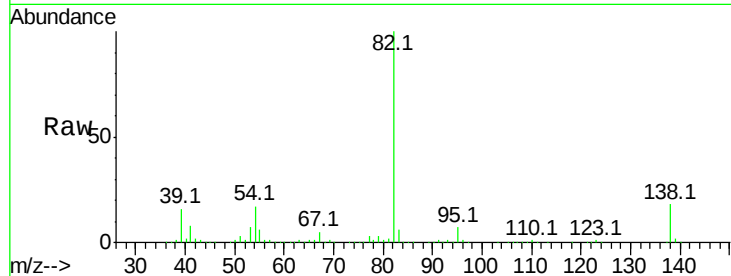
Tot Ion: 82 Resp: 1068122

Ion Ratio Lower Upper

82 100

95 6.5 5.6 8.4

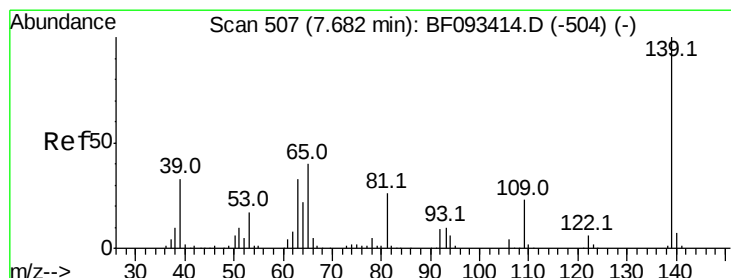
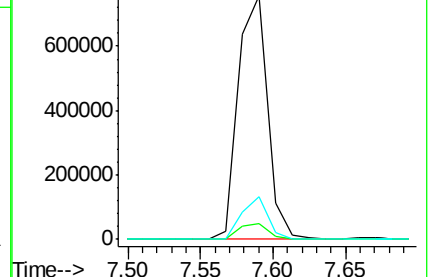
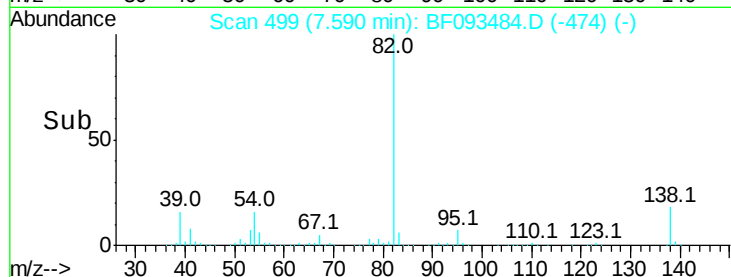
138 17.6 14.6 22.0



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: 40.78 ng

RT: 7.66 min Scan# 505

Delta R.T. -0.02 min

Lab File: BF093484.D

Acq: 9 Mar 2017 19:22

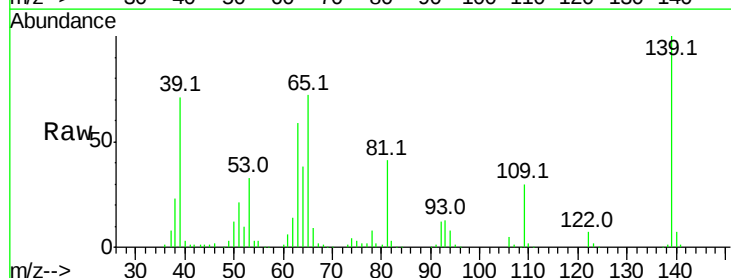
Tgt Ion: 139 Resp: 264970

Ion Ratio Lower Upper

139 100

109 29.6 23.3 34.9

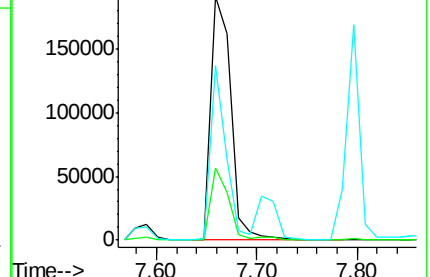
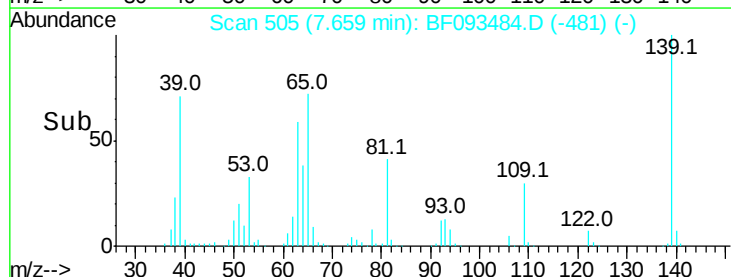
65 71.9 42.7 64.1#

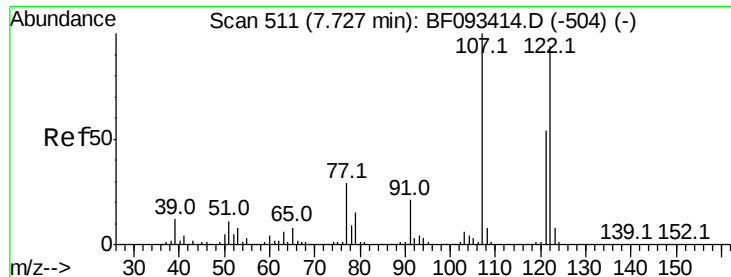


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 43.15 ng

RT: 7.72 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF093484.D

Acq: 9 Mar 2017 19:22

Instrument :

BNA_F

ClientSampleId :

PB97463BS

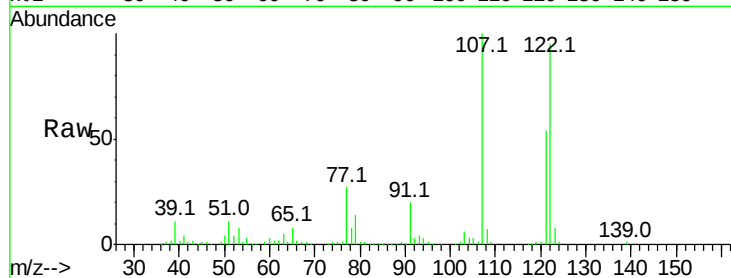
Tot Ion:122 Resp: 456031

Ion Ratio Lower Upper

122 100

107 105.7 94.1 141.1

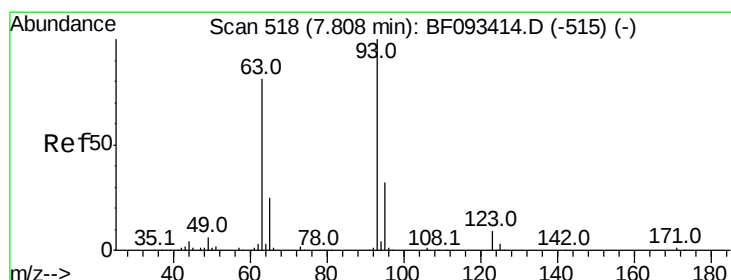
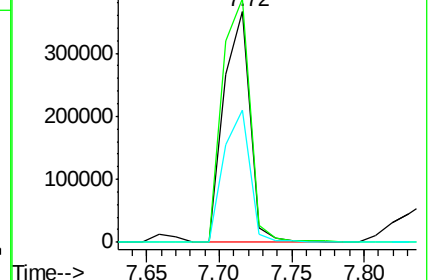
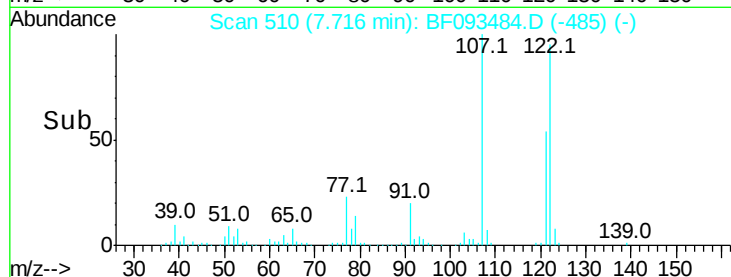
121 57.6 46.0 69.0



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: 41.20 ng

RT: 7.80 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF093484.D

Acq: 9 Mar 2017 19:22

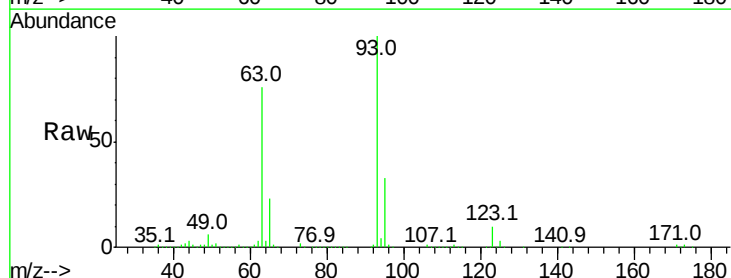
Tgt Ion: 93 Resp: 664616

Ion Ratio Lower Upper

93 100

95 33.0 26.5 39.7

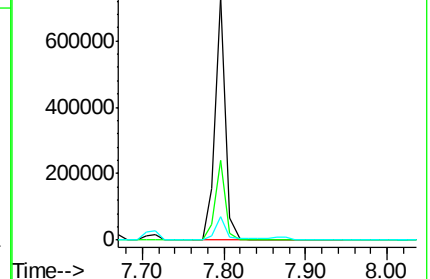
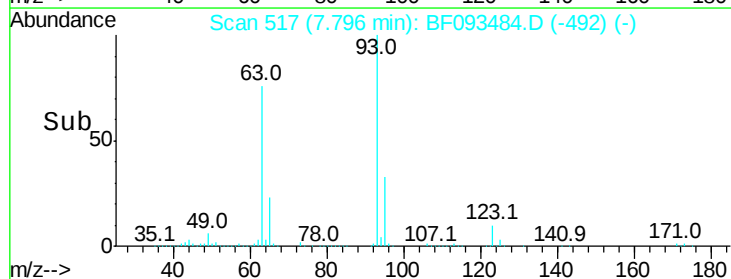
123 9.7 8.6 13.0

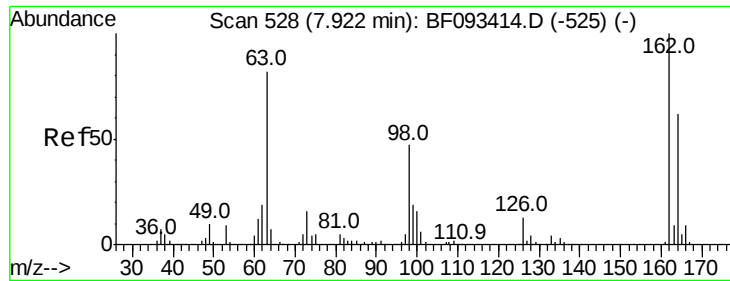


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

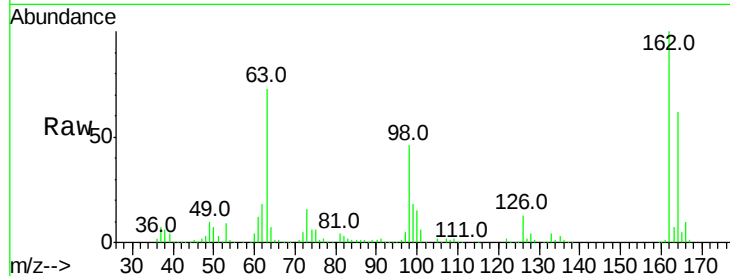




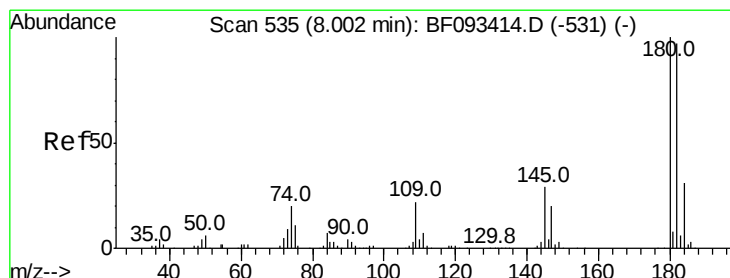
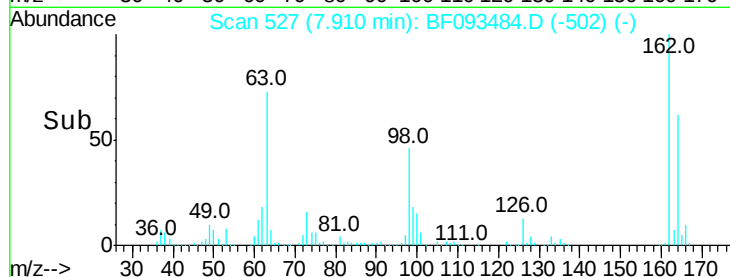
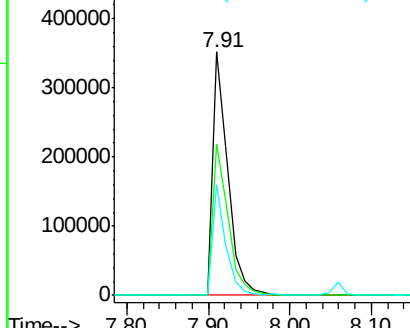
#29
 2,4-Dichlorophenol
 Concen: 45.65 ng
 RT: 7.91 min Scan# 527
 Delta R.T. -0.01 min
 Lab File: BF093484.D
 Acq: 9 Mar 2017 19:22

Instrument :
 BNA_F
 ClientSampleId :
 PB97463BS

Tot Ion:162 Resp: 453915
 Ion Ratio Lower Upper
 162 100
 164 62.1 46.8 86.8
 98 45.6 9.1 49.1

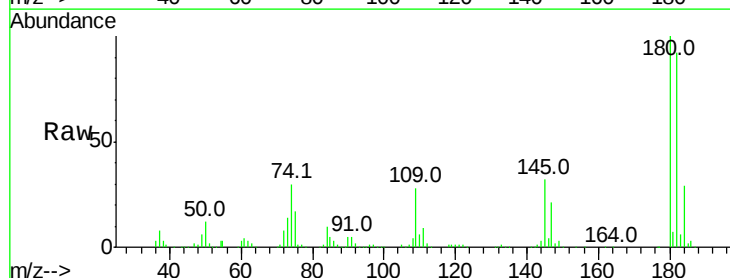


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BFO

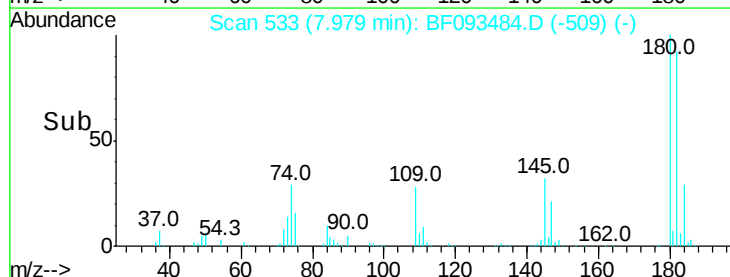
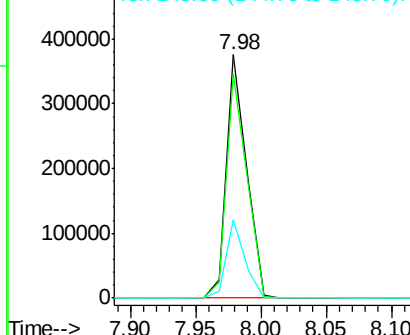


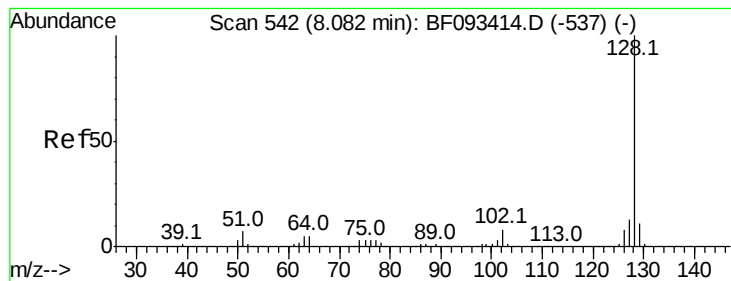
#30
 1,2,4-Trichlorobenzene
 Concen: 38.02 ng
 RT: 7.98 min Scan# 533
 Delta R.T. -0.02 min
 Lab File: BF093484.D
 Acq: 9 Mar 2017 19:22

Tgt Ion:180 Resp: 402049
 Ion Ratio Lower Upper
 180 100
 182 92.3 78.2 117.4
 145 32.2 21.6 32.4



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





#31

Naphthalene

Concen: 37.42 ng

RT: 8.06 min Scan# 540

Delta R.T. -0.02 min

Lab File: BF093484.D

Acq: 9 Mar 2017 19:22

Instrument :

BNA_F

ClientSampleId :

PB97463BS

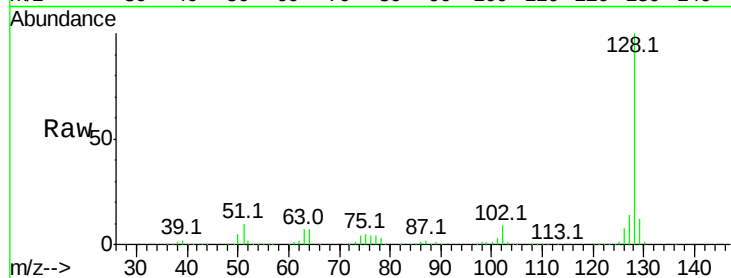
Tot Ion:128 Resp: 1318312

Ion Ratio Lower Upper

128 100

129 11.5 9.5 14.3

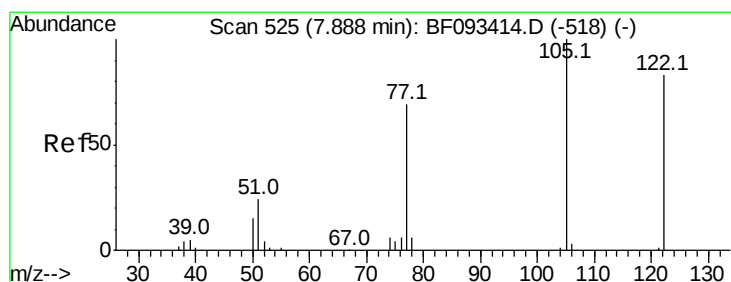
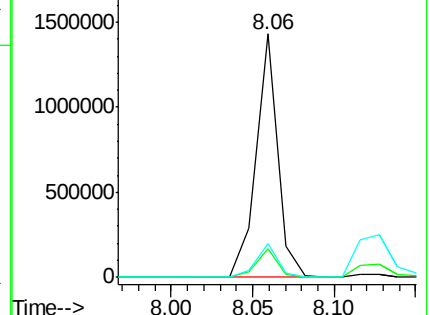
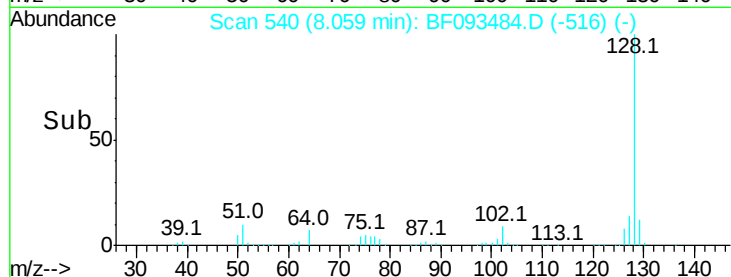
127 13.7 10.8 16.2



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: 58.90 ng

RT: 7.88 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF093484.D

Acq: 9 Mar 2017 19:22

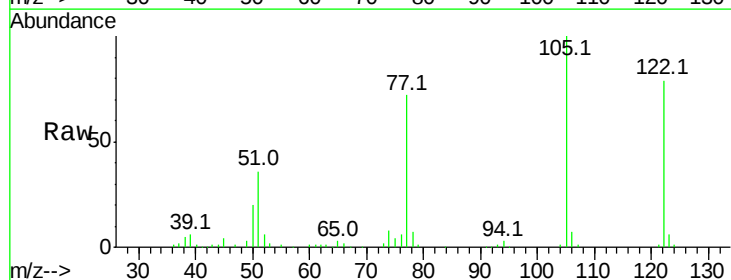
Tgt Ion:122 Resp: 323477

Ion Ratio Lower Upper

122 100

105 127.2 107.2 147.2

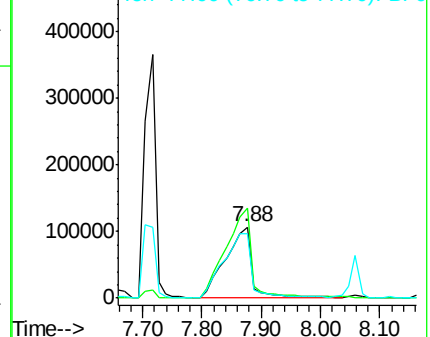
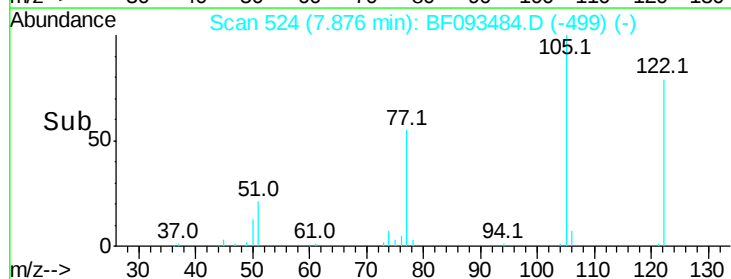
77 91.4 74.5 114.5

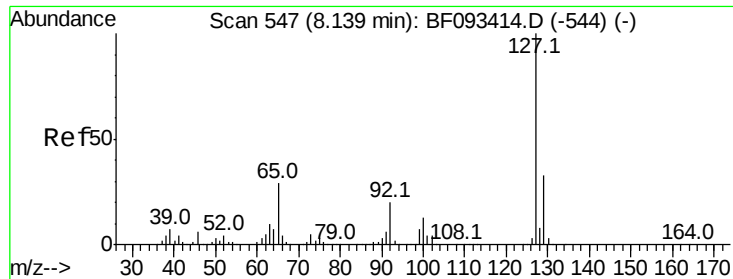


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

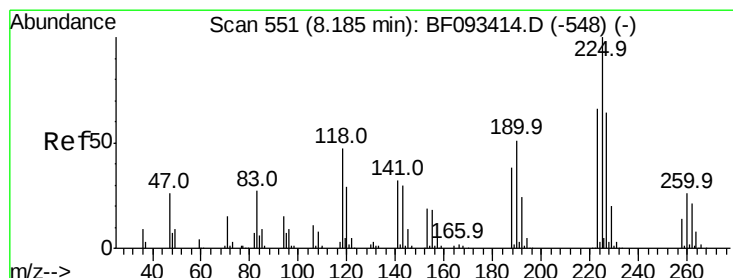
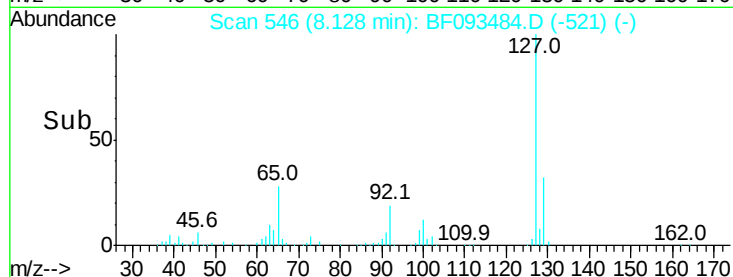
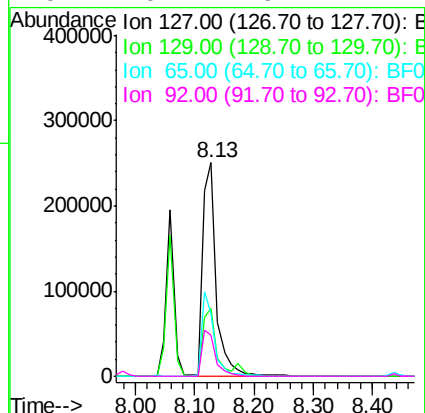
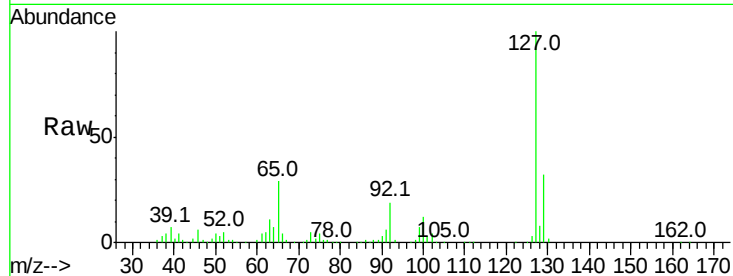




#33
4-Chloroaniline
Concen: 28.68 ng
RT: 8.13 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF093484.D
Acq: 9 Mar 2017 19:22

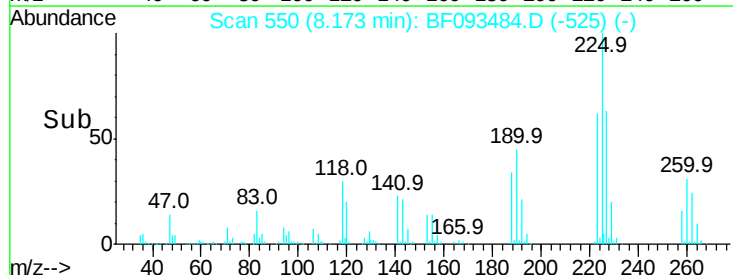
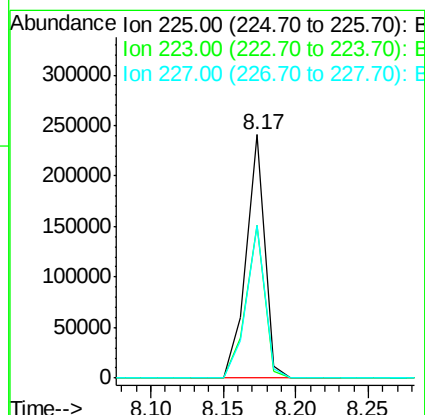
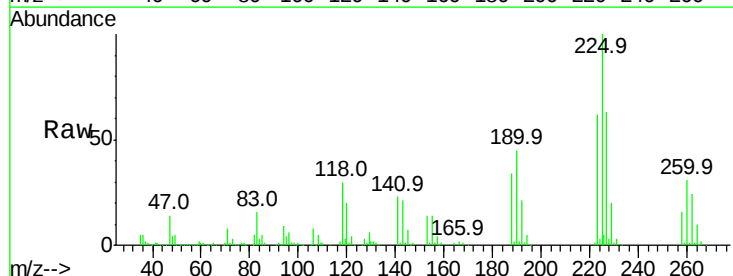
Instrument :
BNA_F
ClientSampleId :
PB97463BS

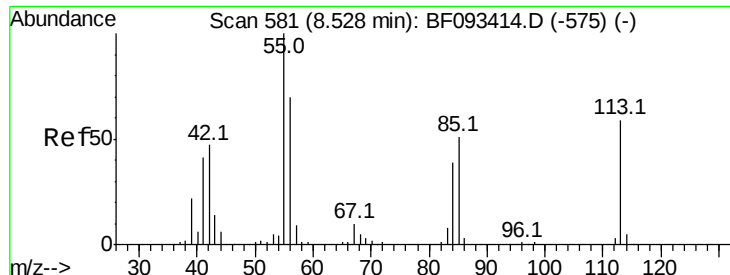
Tot Ion:	127	Resp:	409999
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.3	39.5
65	29.2	25.8	38.8
92	19.4	16.1	24.1



#34
Hexachlorobutadiene
Concen: 39.56 ng
RT: 8.17 min Scan# 550
Delta R.T. -0.01 min
Lab File: BF093484.D
Acq: 9 Mar 2017 19:22

Tgt Ion:	225	Resp:	215493
Ion	Ratio	Lower	Upper
225	100		
223	62.5	51.0	76.6
227	62.8	50.6	76.0

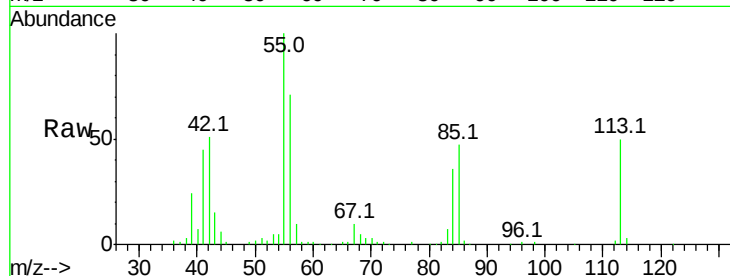




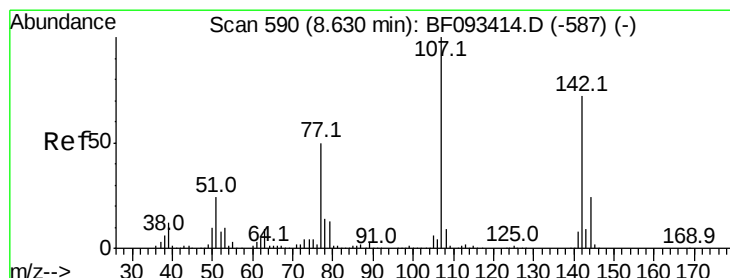
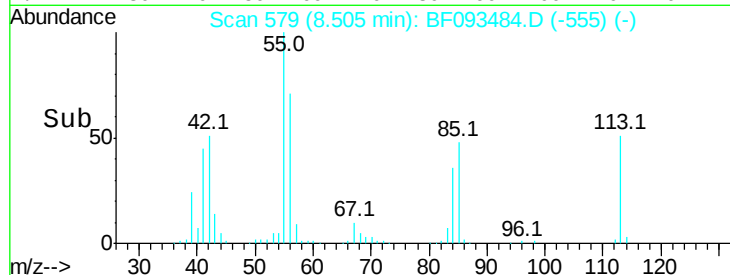
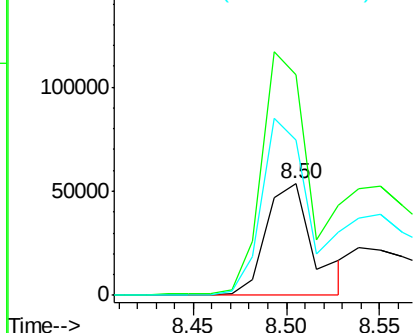
#35
Caprolactam
Concen: 27.86 ng
RT: 8.50 min Scan# 579
Delta R.T. -0.02 min
Lab File: BF093484.D
Acq: 9 Mar 2017 19:22

Instrument :
BNA_F
ClientSampleId :
PB97463BS

Tot Ion:113 Resp: 94595
Ion Ratio Lower Upper
113 100
55 198.1 119.2 159.2#
56 139.9 83.8 123.8#

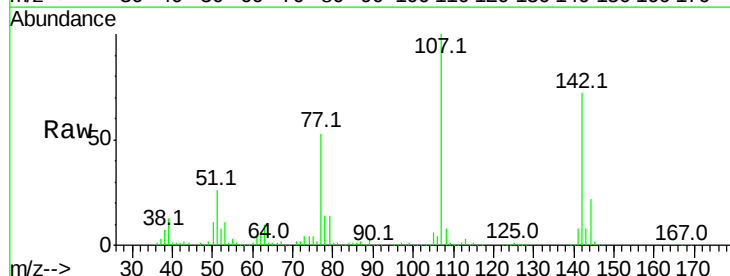


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

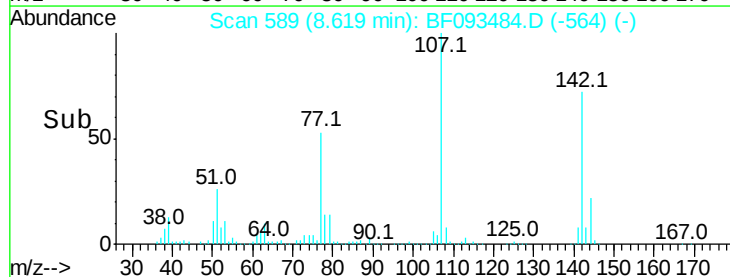
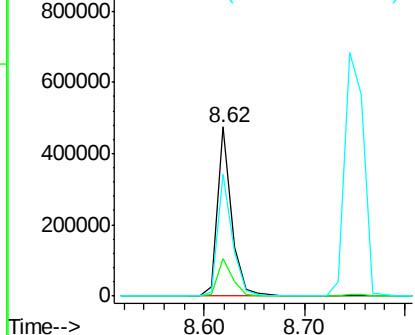


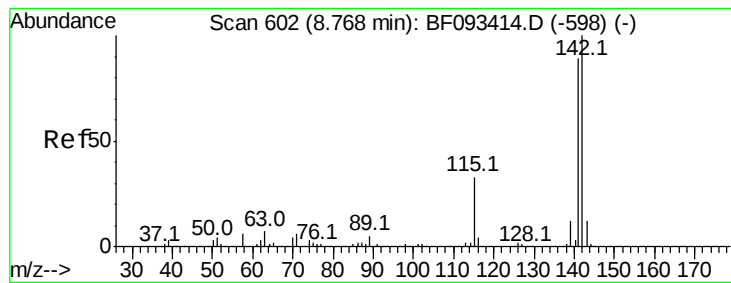
#36
4-Chloro-3-methylphenol
Concen: 43.73 ng
RT: 8.62 min Scan# 589
Delta R.T. -0.01 min
Lab File: BF093484.D
Acq: 9 Mar 2017 19:22

Tgt Ion:107 Resp: 464078
Ion Ratio Lower Upper
107 100
144 22.0 19.3 28.9
142 72.1 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: 39.86 ng

RT: 8.74 min Scan# 600

Delta R.T. -0.02 min

Lab File: BF093484.D

Acq: 9 Mar 2017 19:22

Instrument :

BNA_F

ClientSampleId :

PB97463BS

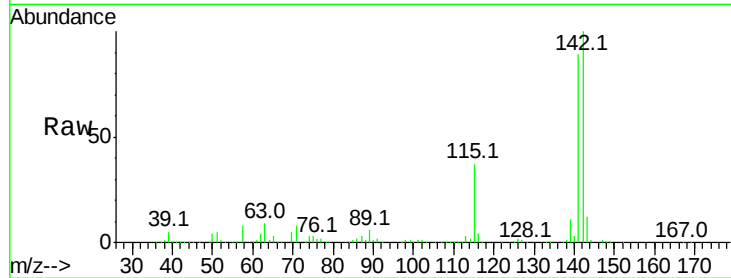
Tot Ion:142 Resp: 893512

Ion Ratio Lower Upper

142 100

141 88.7 71.0 106.6

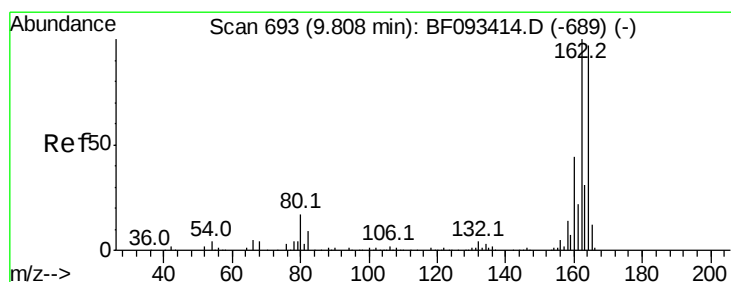
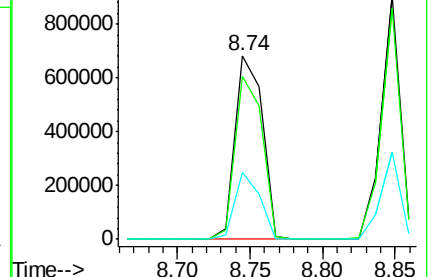
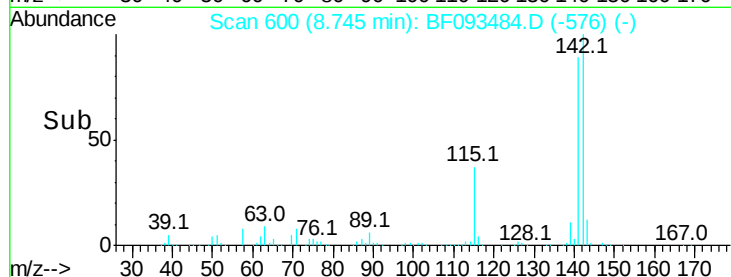
115 36.7 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 691

Delta R.T. -0.02 min

Lab File: BF093484.D

Acq: 9 Mar 2017 19:22

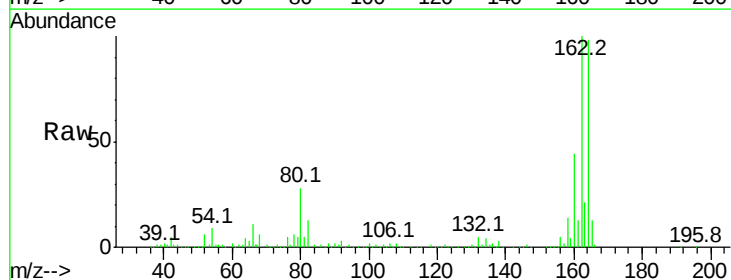
Tgt Ion:164 Resp: 341275

Ion Ratio Lower Upper

164 100

162 102.2 80.2 120.2

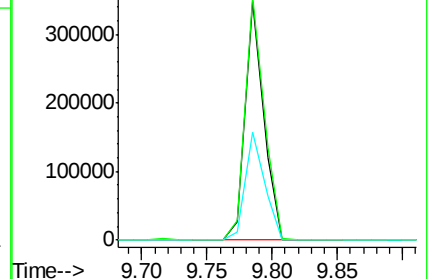
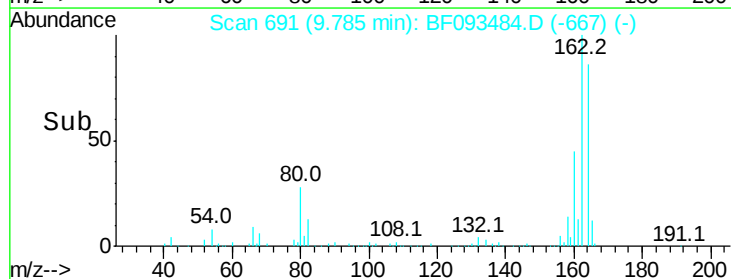
160 45.1 36.9 55.3

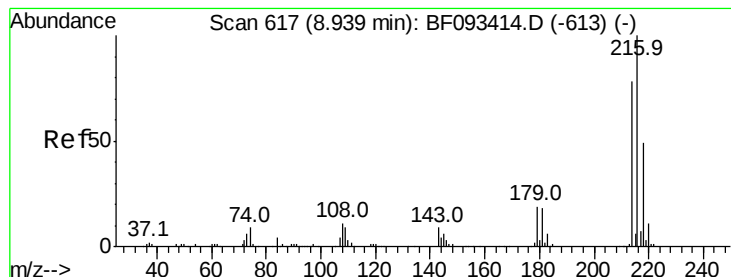


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.96 ng

RT: 8.92 min Scan# 615

Delta R.T. -0.02 min

Lab File: BF093484.D

Acq: 9 Mar 2017 19:22

Instrument :

BNA_F

ClientSampleId :

PB97463BS

Tot Ion:216 Resp: 391025

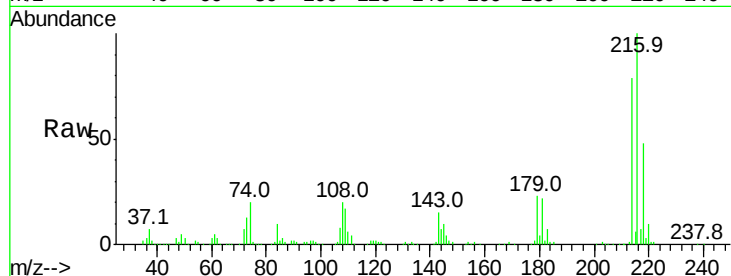
Ion Ratio Lower Upper

216 100

214 79.3 63.4 95.0

179 22.3 17.4 26.2

108 21.3 15.6 23.4

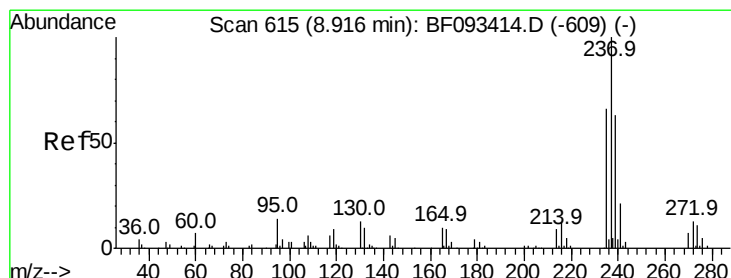
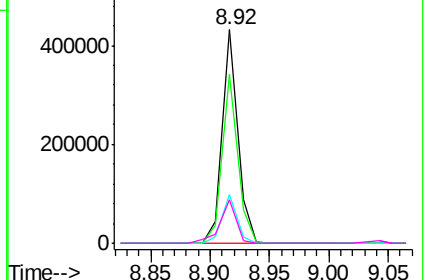
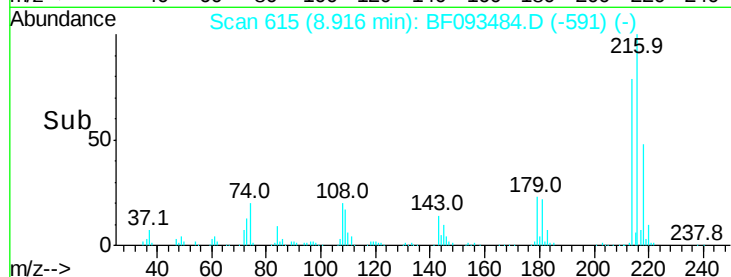


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 70.30 ng

RT: 8.89 min Scan# 613

Delta R.T. -0.02 min

Lab File: BF093484.D

Acq: 9 Mar 2017 19:22

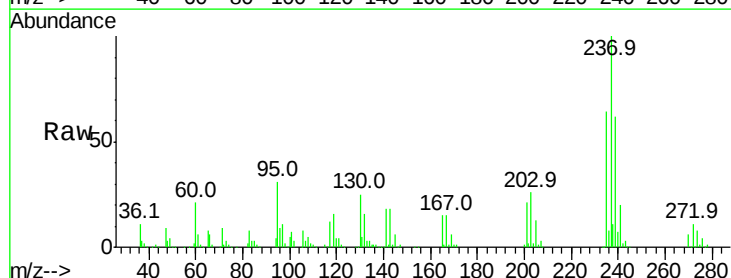
Tgt Ion:237 Resp: 161244

Ion Ratio Lower Upper

237 100

235 63.9 41.2 81.2

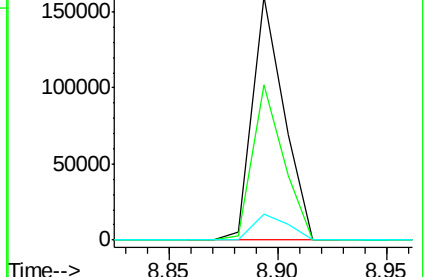
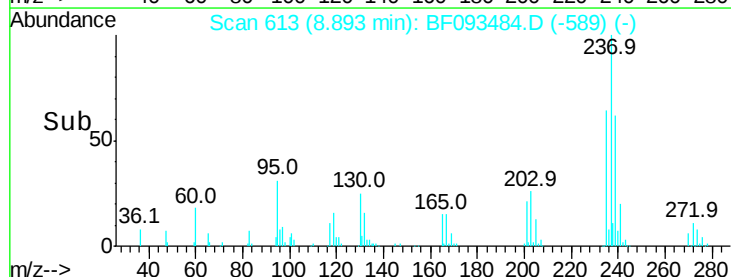
272 10.9 0.0 35.4

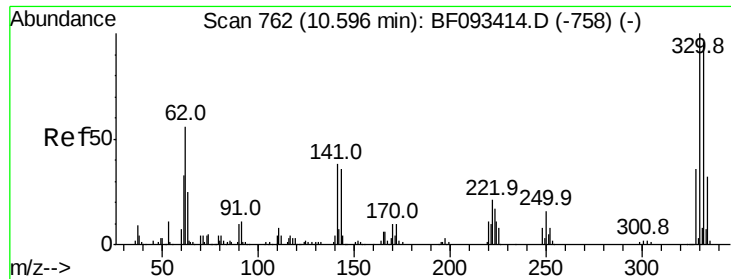


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

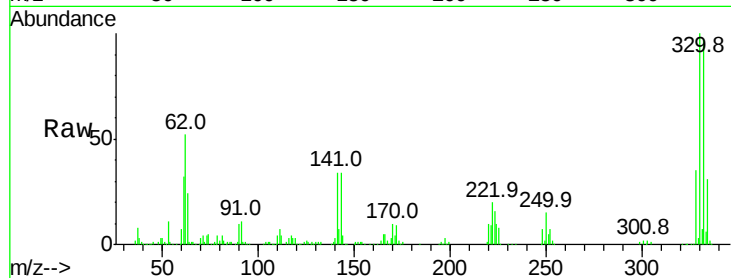




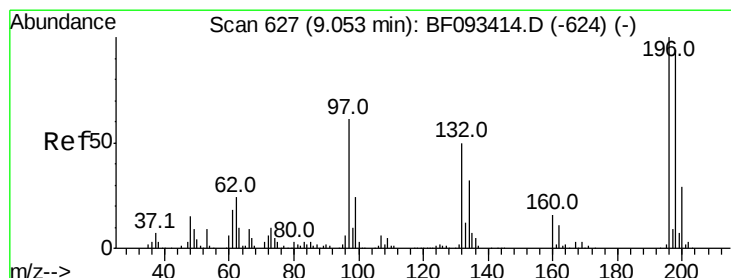
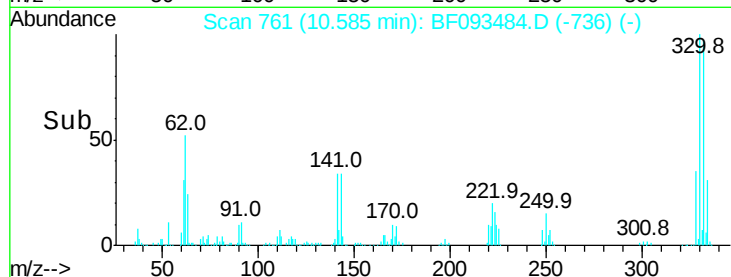
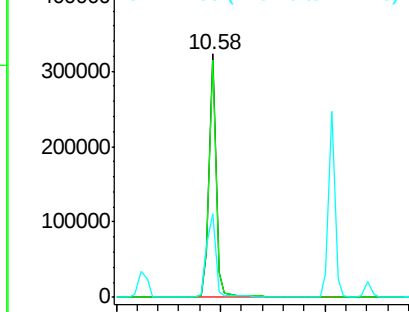
#41
 2,4,6-Tribromophenol
 Concen: 138.69 ng
 RT: 10.58 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF093484.D
 Acq: 9 Mar 2017 19:22

Instrument :
 BNA_F
 ClientSampleId :
 PB97463BS

Tot Ion:330 Resp: 308377
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.4 116.2
 141 43.3 34.1 51.1

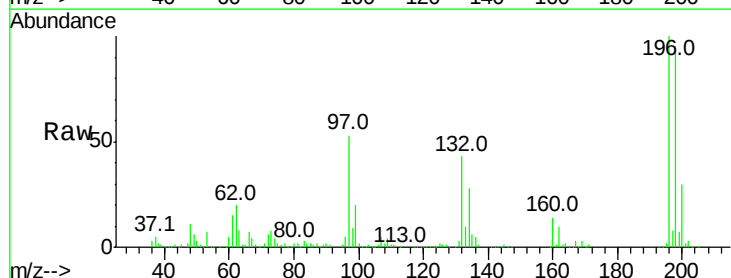


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

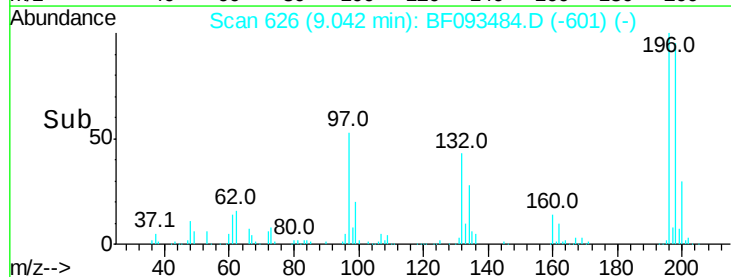
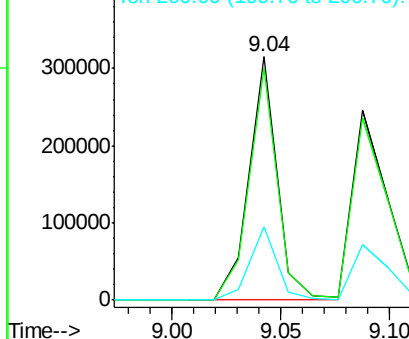


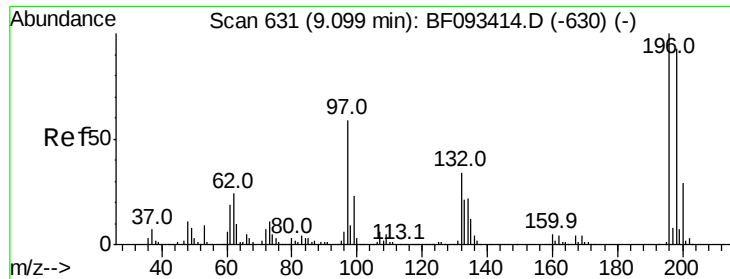
#42
 2,4,6-Trichlorophenol
 Concen: 49.07 ng
 RT: 9.04 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF093484.D
 Acq: 9 Mar 2017 19:22

Tgt Ion:196 Resp: 285714
 Ion Ratio Lower Upper
 196 100
 198 95.3 82.1 123.1
 200 30.1 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

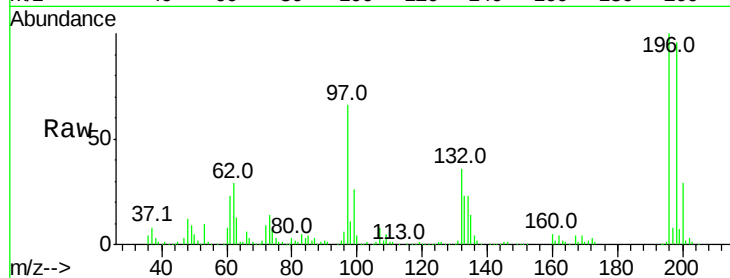




#43
 2,4,5-Trichlorophenol
 Concen: 46.45 ng
 RT: 9.09 min Scan# 630
 Delta R.T. -0.01 min
 Lab File: BF093484.D
 Acq: 9 Mar 2017 19:22

Instrument :
 BNA_F
 ClientSampleId :
 PB97463BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.5	79.4	119.2
97	66.3	51.5	77.3
132	35.5	27.4	41.2



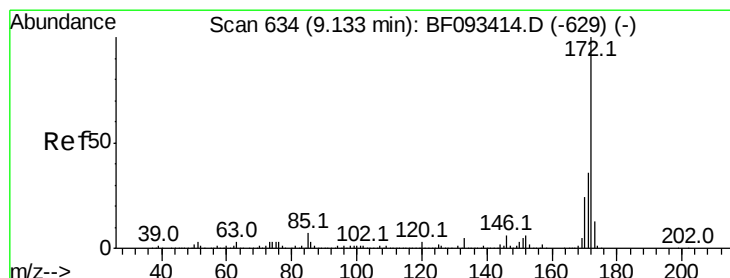
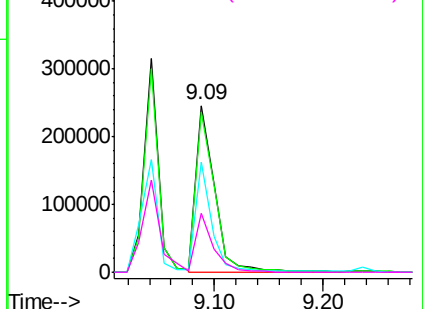
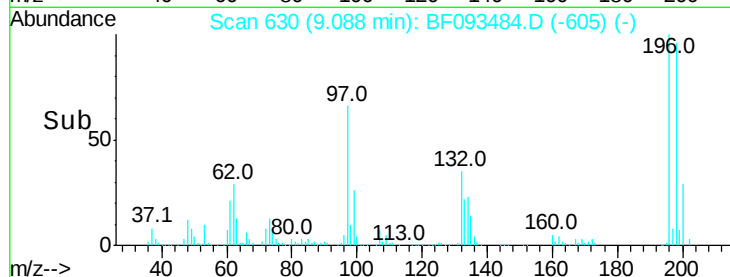
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

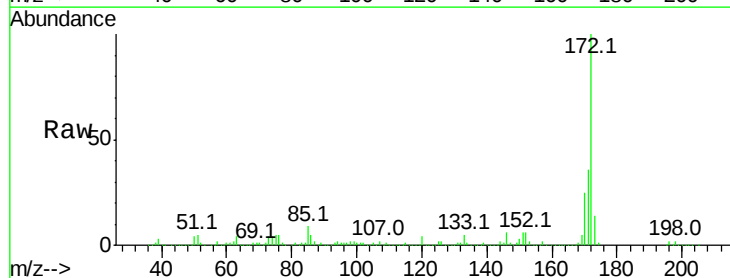
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 85.58 ng
 RT: 9.11 min Scan# 632
 Delta R.T. -0.02 min
 Lab File: BF093484.D
 Acq: 9 Mar 2017 19:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	25.1	20.2	30.4

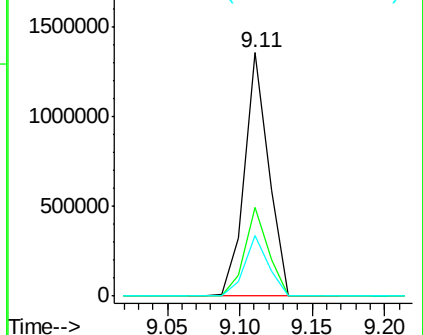
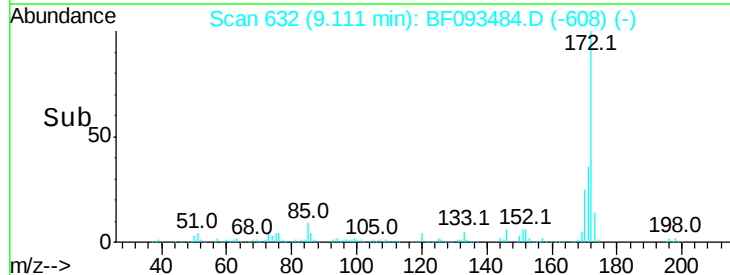


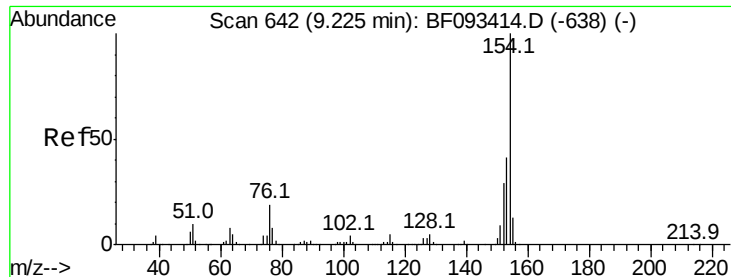
Abundance

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: 44.34 ng

RT: 9.21 min Scan# 641

Delta R.T. -0.01 min

Lab File: BF093484.D

Acq: 9 Mar 2017 19:22

Instrument :

BNA_F

ClientSampleId :

PB97463BS

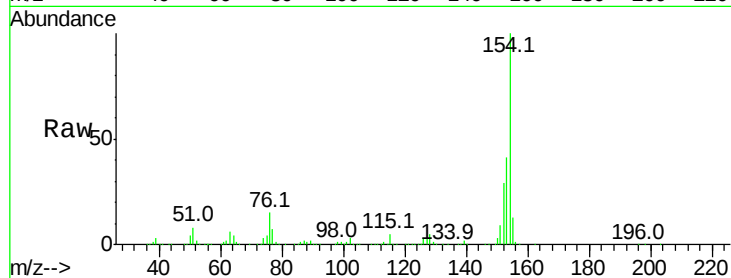
Tot Ion:154 Resp: 1102313

Ion Ratio Lower Upper

154 100

153 41.2 20.9 60.9

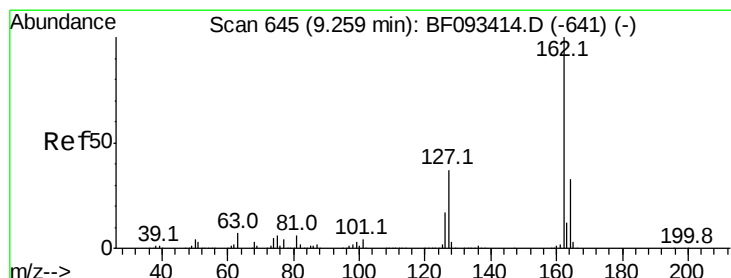
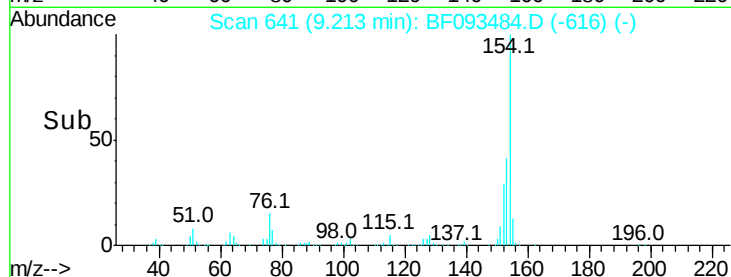
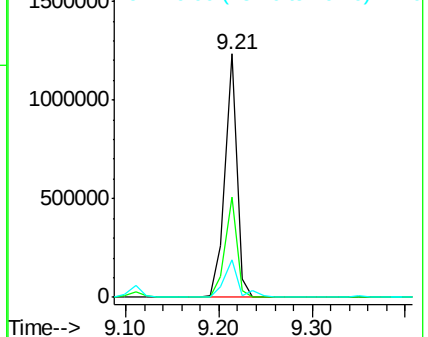
76 15.2 0.0 30.5



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: 44.93 ng

RT: 9.24 min Scan# 643

Delta R.T. -0.02 min

Lab File: BF093484.D

Acq: 9 Mar 2017 19:22

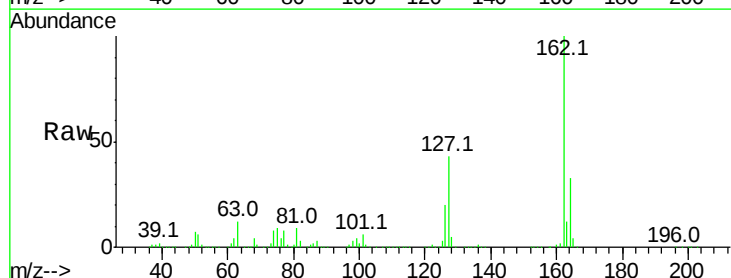
Tgt Ion:162 Resp: 855100

Ion Ratio Lower Upper

162 100

127 42.8 30.7 46.1

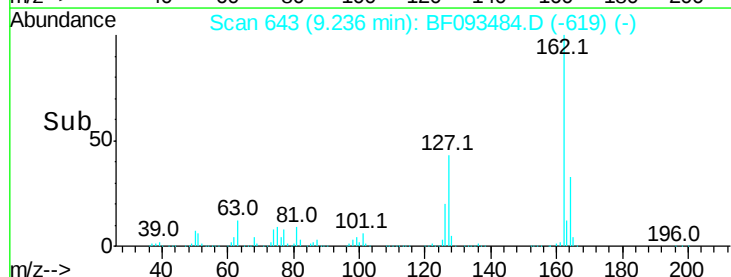
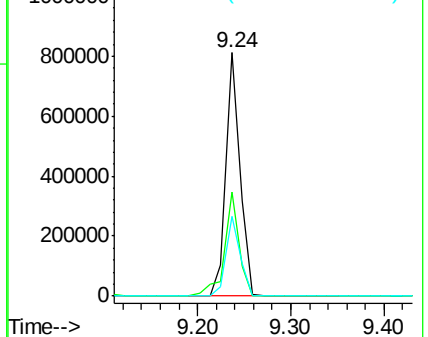
164 32.9 27.6 41.4

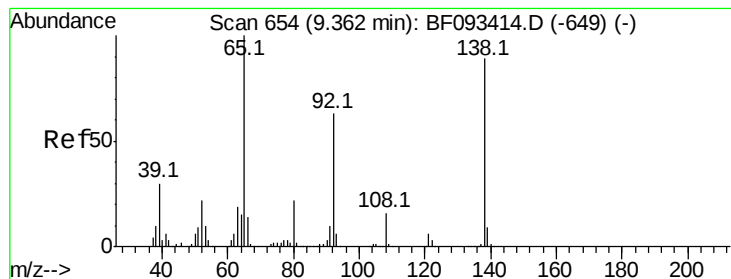


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 55.99 ng

RT: 9.35 min Scan# 653

Delta R.T. -0.01 min

Lab File: BF093484.D

Acq: 9 Mar 2017 19:22

Instrument :

BNA_F

ClientSampleId :

PB97463BS

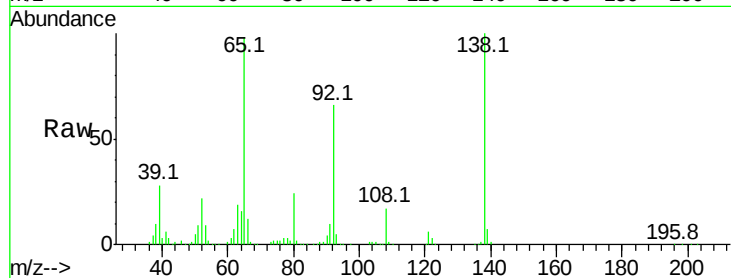
Tot Ion: 65 Resp: 376654

Ion Ratio Lower Upper

65 100

92 67.4 53.9 80.9

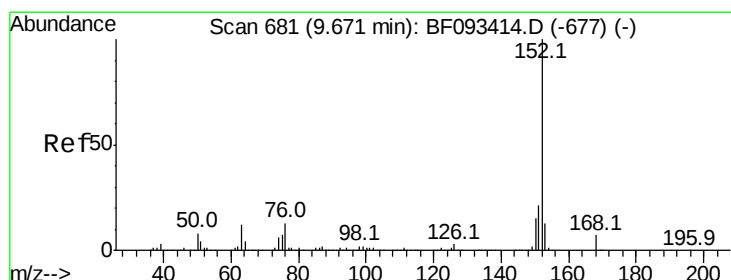
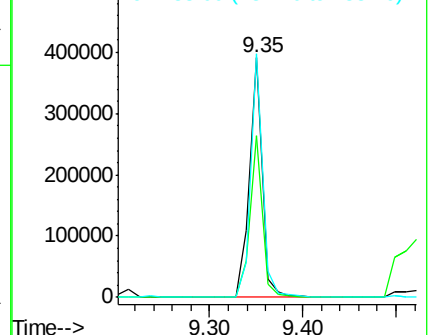
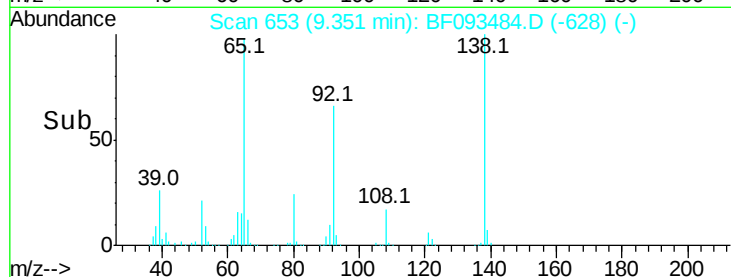
138 101.6 76.8 115.2



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: 41.80 ng

RT: 9.65 min Scan# 679

Delta R.T. -0.02 min

Lab File: BF093484.D

Acq: 9 Mar 2017 19:22

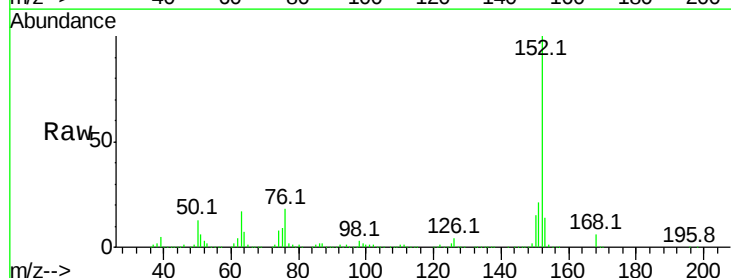
Tgt Ion: 152 Resp: 1311961

Ion Ratio Lower Upper

152 100

151 20.7 16.9 25.3

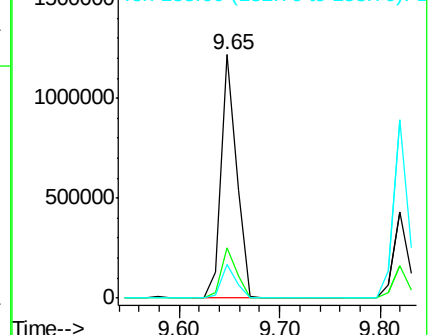
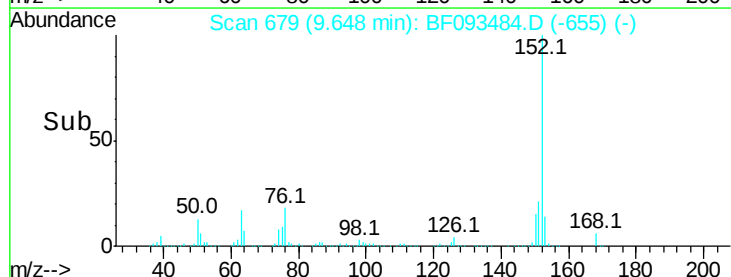
153 14.0 11.4 17.2

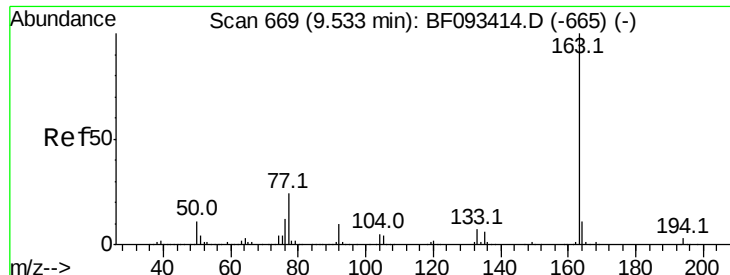


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

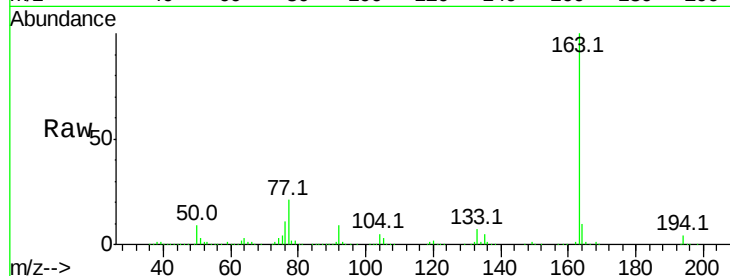




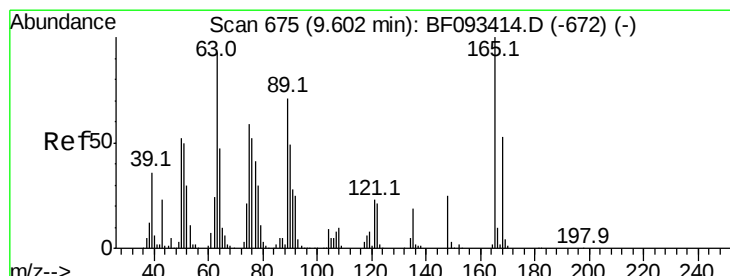
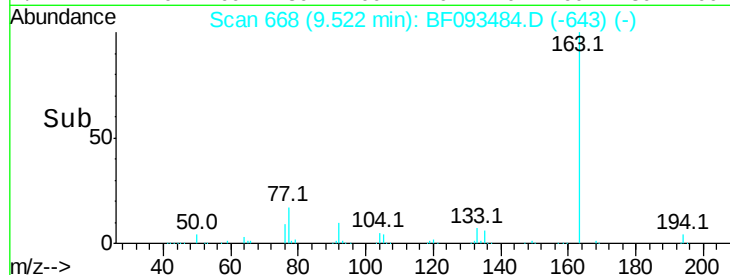
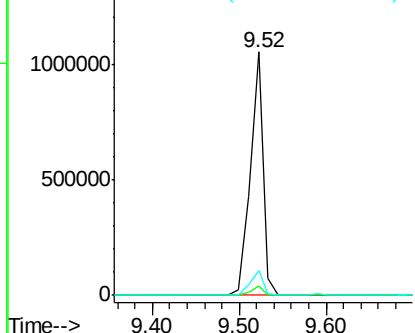
#49
Dimethylphthalate
Concen: 48.03 ng
RT: 9.52 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF093484.D
Acq: 9 Mar 2017 19:22

Instrument :
BNA_F
ClientSampleId :
PB97463BS

Tot Ion:163 Resp: 1086694
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 10.0 8.0 12.0

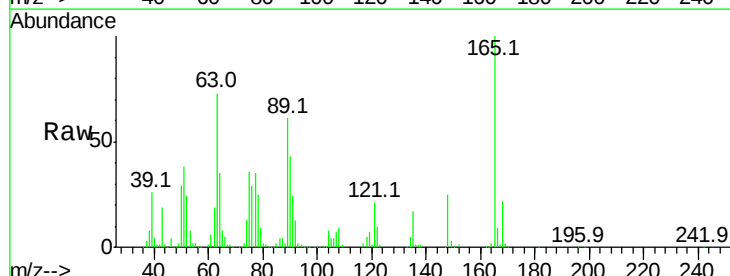


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

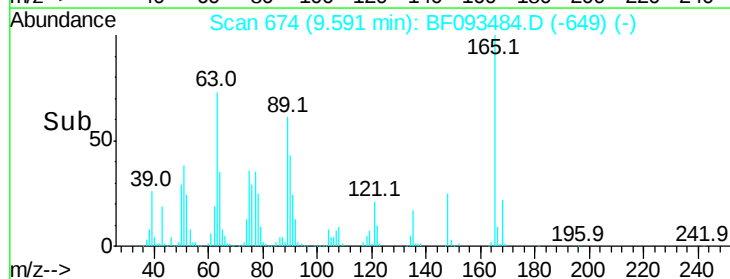
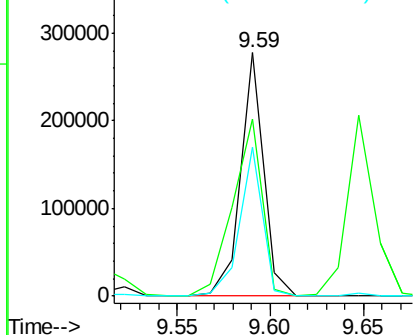


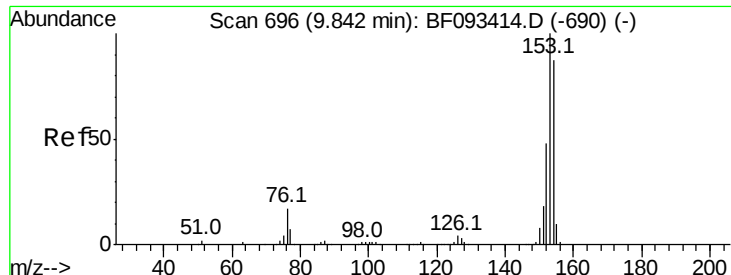
#50
2,6-Dinitrotoluene
Concen: 48.33 ng
RT: 9.59 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF093484.D
Acq: 9 Mar 2017 19:22

Tgt Ion:165 Resp: 239922
Ion Ratio Lower Upper
165 100
63 72.7 36.2 54.4#
89 61.0 40.2 60.4#



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





#51

Acenaphthene

Concen: 41.81 ng

RT: 9.82 min Scan# 694

Delta R.T. -0.02 min

Lab File: BF093484.D

Acq: 9 Mar 2017 19:22

Instrument :

BNA_F

ClientSampleId :

PB97463BS

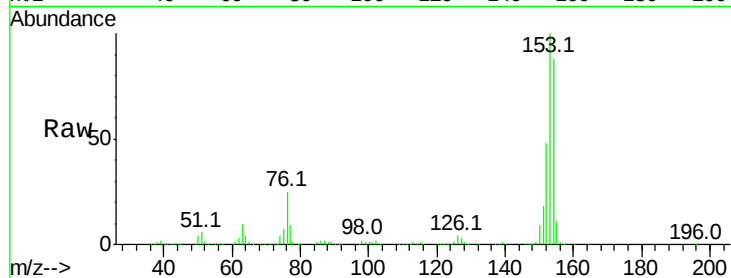
Tot Ion:154 Resp: 776019

Ion Ratio Lower Upper

154 100

153 113.9 88.6 133.0

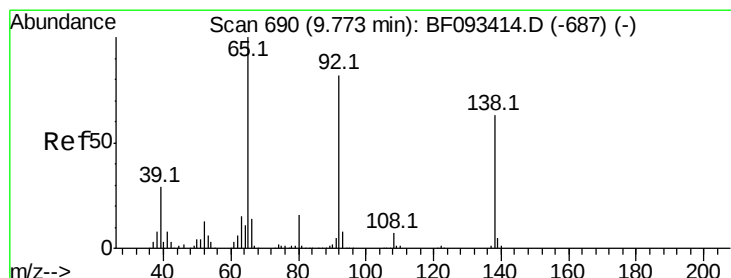
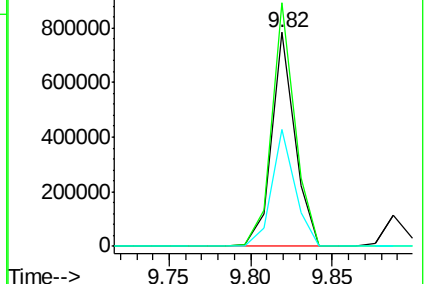
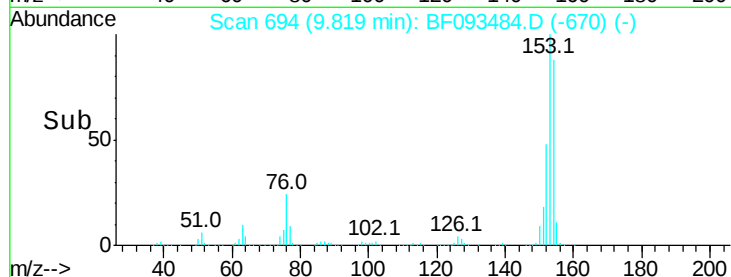
152 55.0 41.6 62.4



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: 33.88 ng

RT: 9.76 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF093484.D

Acq: 9 Mar 2017 19:22

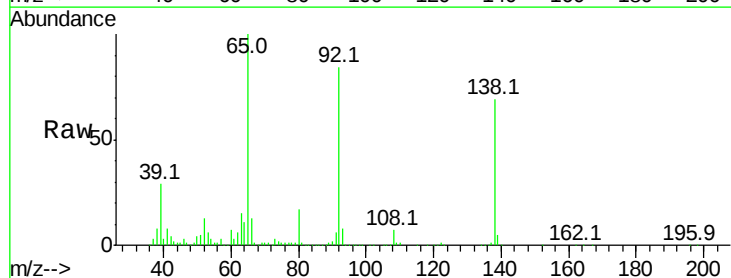
Tgt Ion:138 Resp: 202076

Ion Ratio Lower Upper

138 100

108 10.3 8.5 12.7

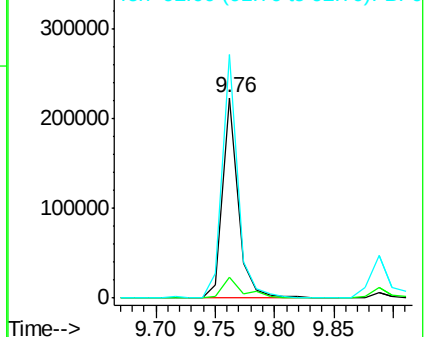
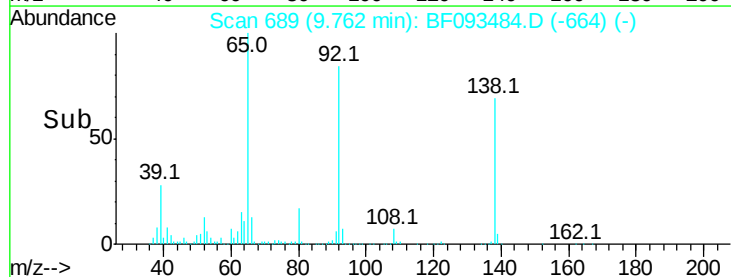
92 121.4 97.8 146.8

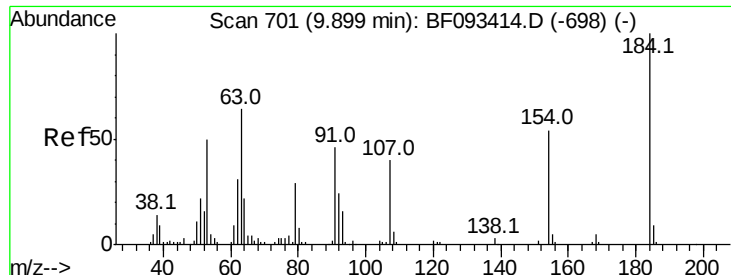


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

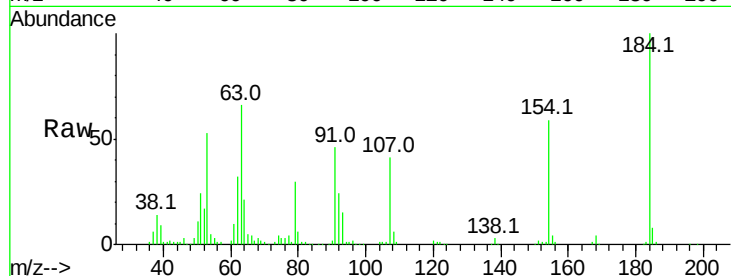




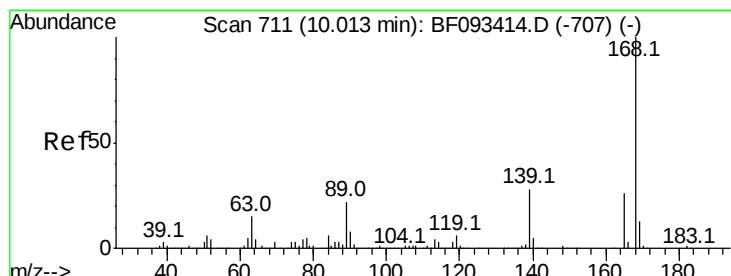
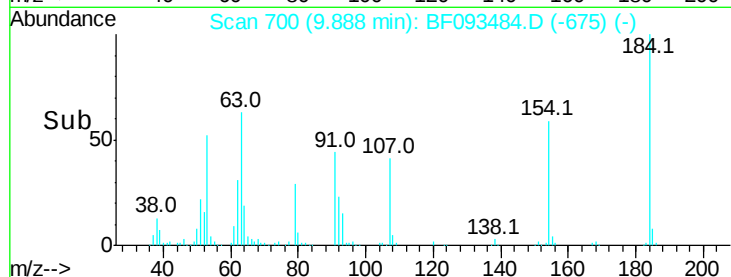
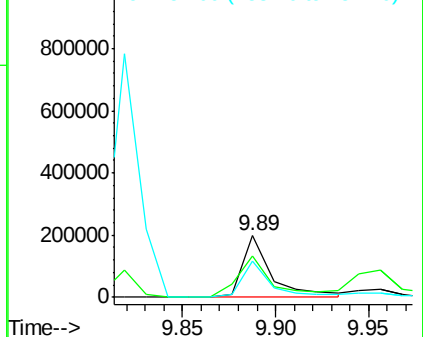
#53
2,4-Dinitrophenol
Concen: 95.36 ng
RT: 9.89 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF093484.D
Acq: 9 Mar 2017 19:22

Instrument :
BNA_F
ClientSampleId :
PB97463BS

Tot Ion:184 Resp: 215587
Ion Ratio Lower Upper
184 100
63 66.4 28.4 42.6#
154 58.8 44.3 66.5

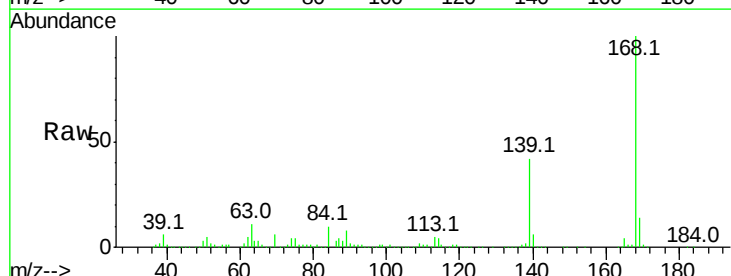


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

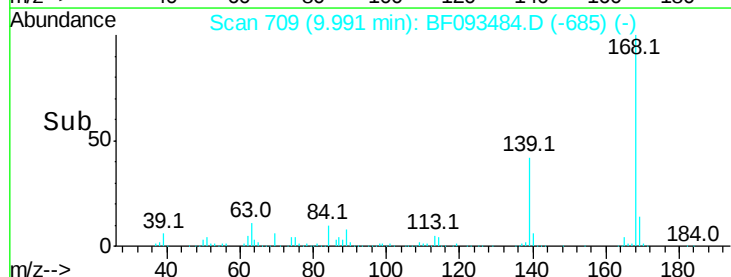
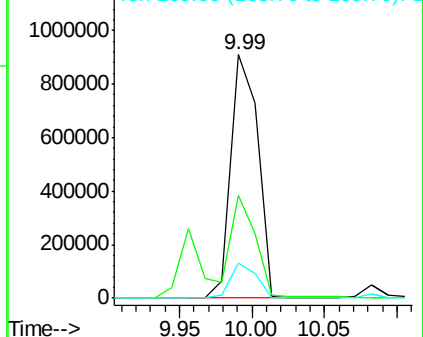


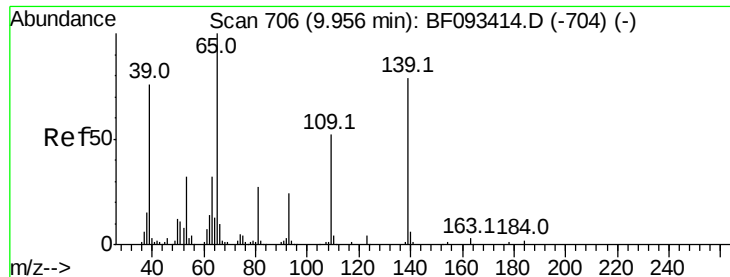
#54
Dibenzofuran
Concen: 50.56 ng
RT: 9.99 min Scan# 709
Delta R.T. -0.02 min
Lab File: BF093484.D
Acq: 9 Mar 2017 19:22

Tgt Ion:168 Resp: 1174532
Ion Ratio Lower Upper
168 100
139 42.1 32.6 49.0
169 14.1 11.3 16.9



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

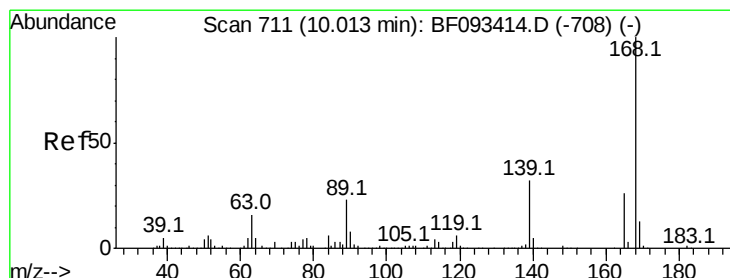
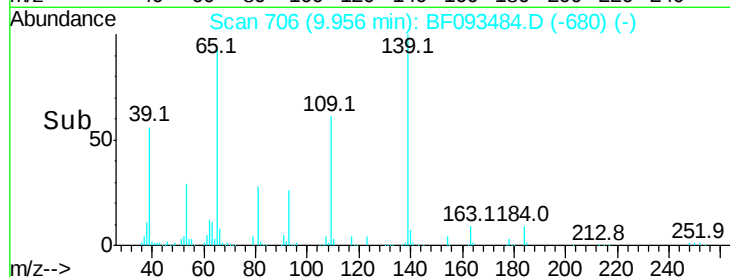
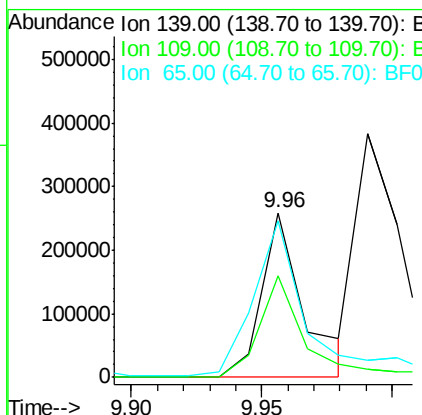
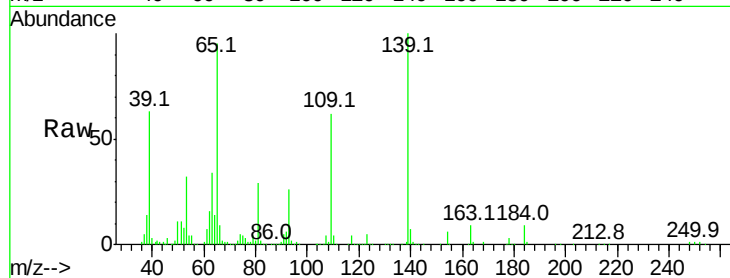




#55
4-Nitrophenol
Concen: 101.42 ng
RT: 9.96 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF093484.D
Acq: 9 Mar 2017 19:22

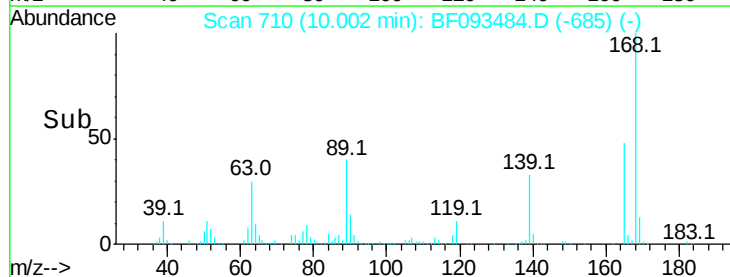
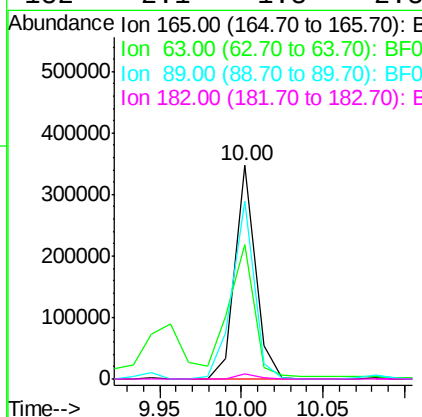
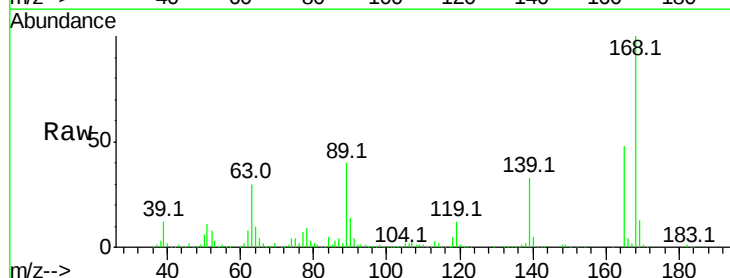
Instrument :
BNA_F
ClientSampleId :
PB97463BS

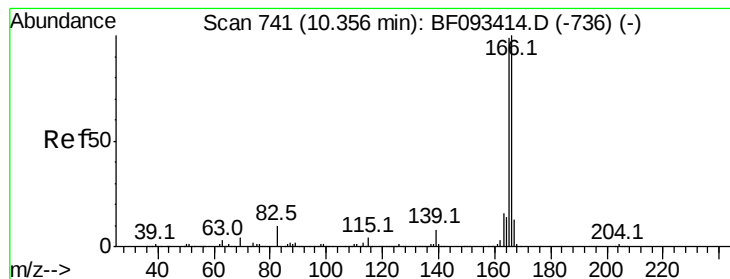
Tot Ion:139 Resp: 293824
Ion Ratio Lower Upper
139 100
109 61.7 52.2 92.2
65 95.4 85.8 125.8



#56
2,4-Dinitrotoluene
Concen: 49.50 ng
RT: 10.00 min Scan# 710
Delta R.T. -0.01 min
Lab File: BF093484.D
Acq: 9 Mar 2017 19:22

Tgt Ion:165 Resp: 301909
Ion Ratio Lower Upper
165 100
63 62.7 40.2 60.4#
89 83.6 62.5 93.7
182 2.1 1.8 2.8





#57

Fluorene

Concen: 45.71 ng

RT: 10.33 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF093484.D

Acq: 9 Mar 2017 19:22

Instrument :

BNA_F

ClientSampleId :

PB97463BS

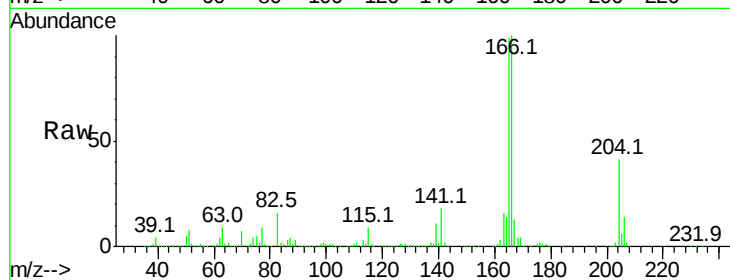
Tot Ion:166 Resp: 899691

Ion Ratio Lower Upper

166 100

165 99.2 77.8 116.8

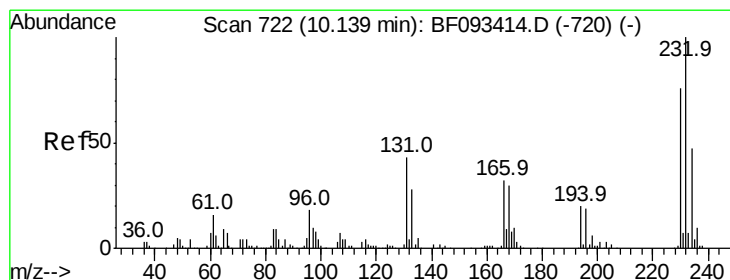
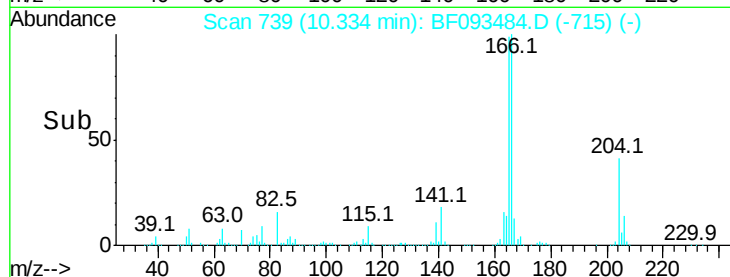
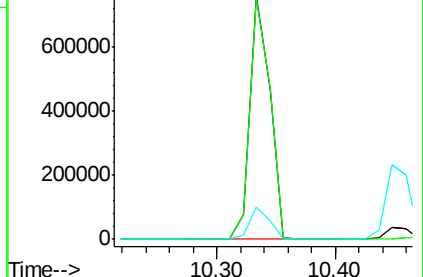
167 13.5 10.8 16.2



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: 53.98 ng

RT: 10.13 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF093484.D

Acq: 9 Mar 2017 19:22

Tgt Ion:232 Resp: 237976

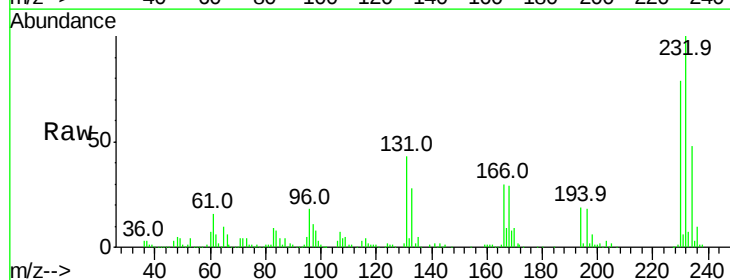
Ion Ratio Lower Upper

232 100

131 48.6 40.1 60.1

130 2.4 1.8 2.8

166 29.6 26.6 39.8

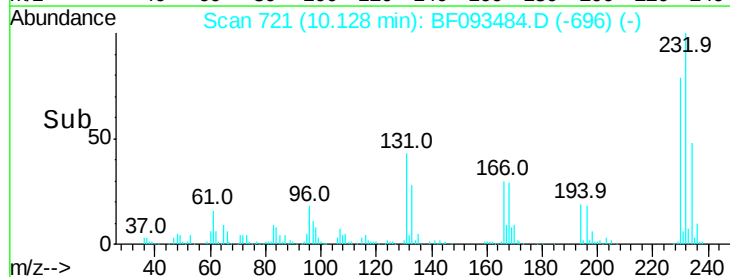
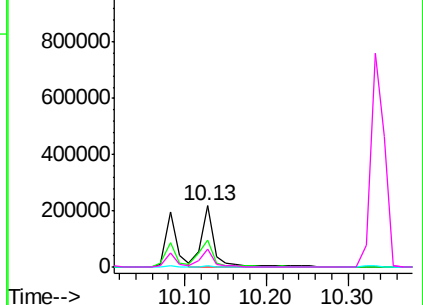


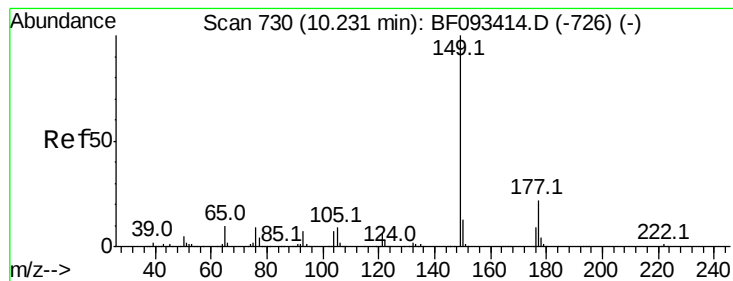
Abundance Ion 232.00 (231.70 to 232.70): E

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: 50.18 ng

RT: 10.22 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF093484.D

Acq: 9 Mar 2017 19:22

Instrument :

BNA_F

ClientSampleId :

PB97463BS

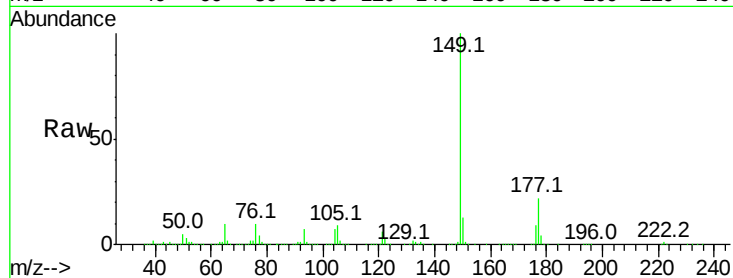
Tot Ion:149 Resp: 1084973

Ion Ratio Lower Upper

149 100

177 22.4 16.6 25.0

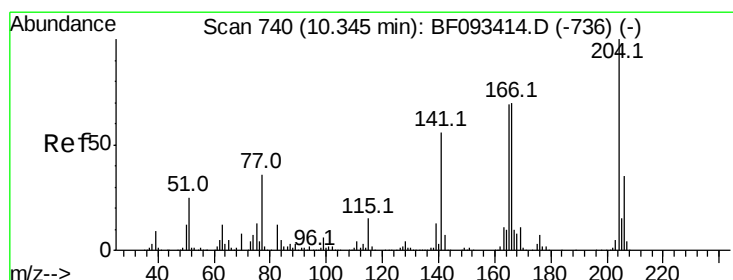
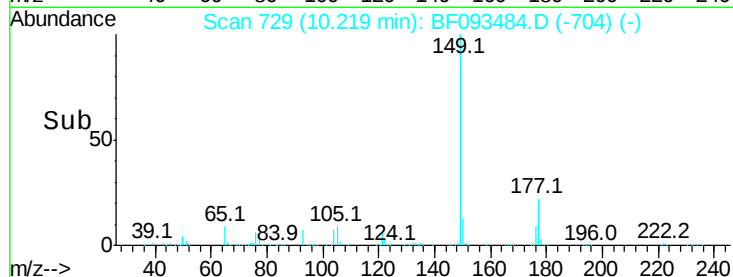
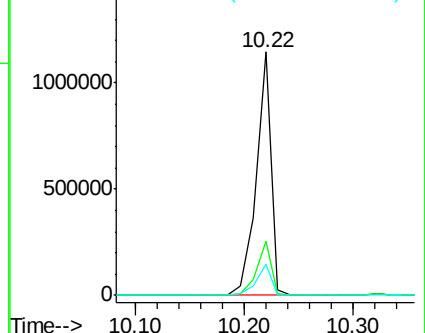
150 12.6 10.4 15.6



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: 47.55 ng

RT: 10.33 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF093484.D

Acq: 9 Mar 2017 19:22

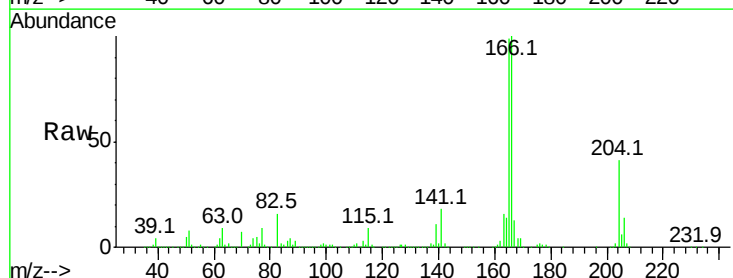
Tgt Ion:204 Resp: 419520

Ion Ratio Lower Upper

204 100

206 34.9 25.8 38.6

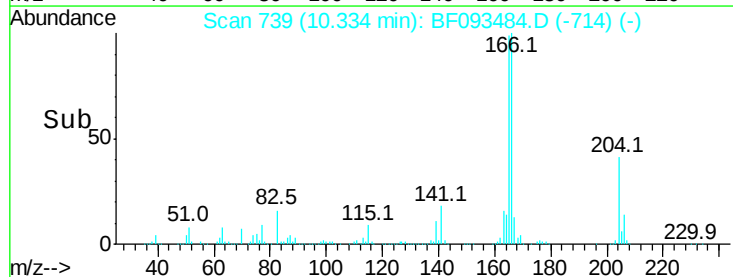
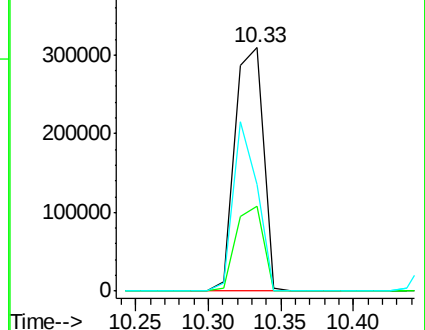
141 43.8 59.4 89.0#

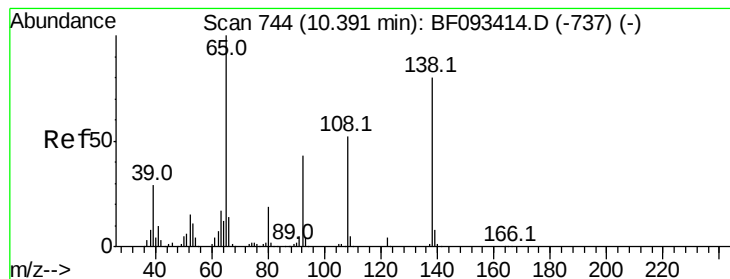


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 44.01 ng

RT: 10.38 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF093484.D

Acq: 9 Mar 2017 19:22

Instrument :

BNA_F

ClientSampleId :

PB97463BS

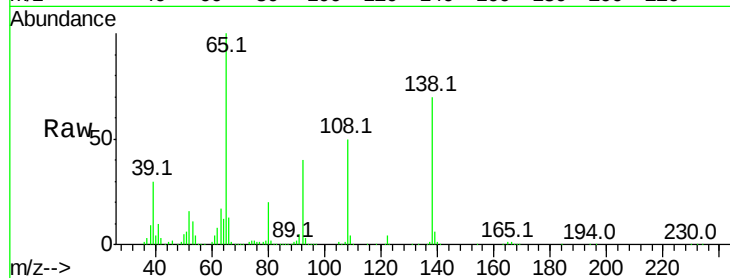
Tot Ion:138 Resp: 268480

Ion Ratio Lower Upper

138 100

92 57.7 31.7 71.7

108 72.1 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

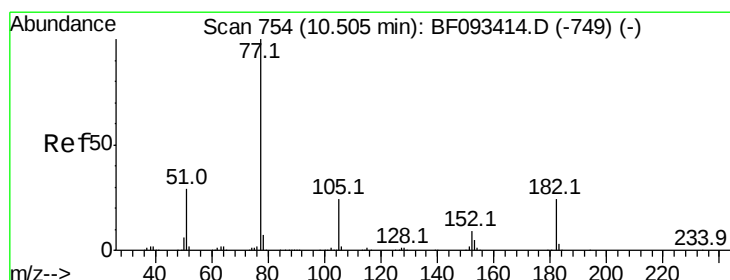
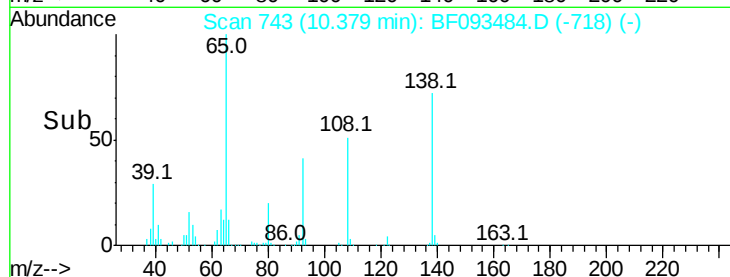
Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E

Time-->

10.38

10.20 10.40 10.60



#62

Azobenzene

Concen: 56.10 ng

RT: 10.49 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF093484.D

Acq: 9 Mar 2017 19:22

Tgt Ion: 77 Resp: 1378520

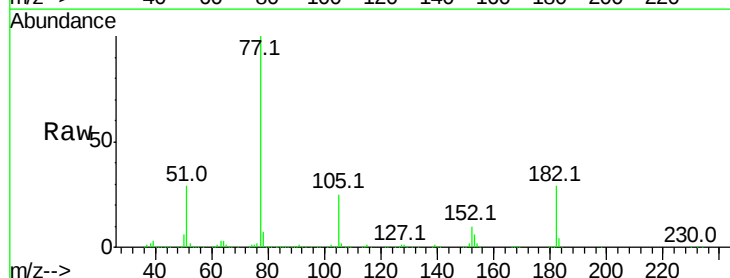
Ion Ratio Lower Upper

77 100

182 28.8 0.0 39.3

105 25.3 2.3 42.3

51 29.0 8.9 48.9



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

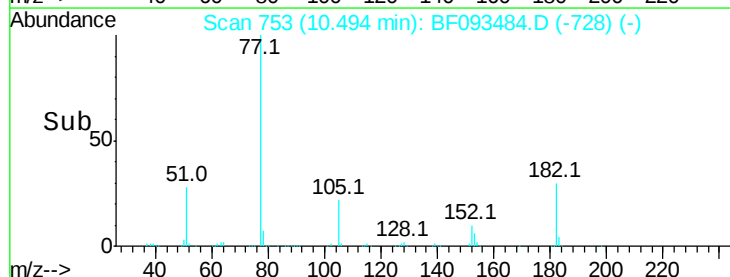
Ion 105.00 (104.70 to 105.70): E

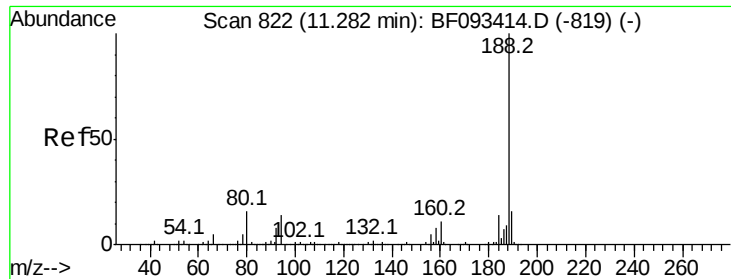
Ion 51.00 (50.70 to 51.70): BF0

Time-->

10.49

10.40 10.50 10.60

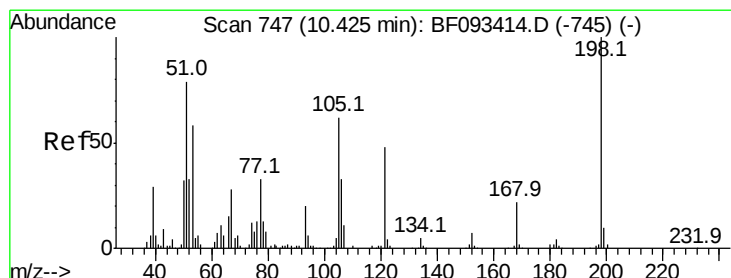
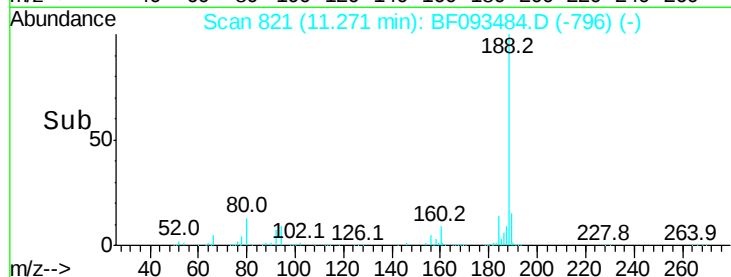
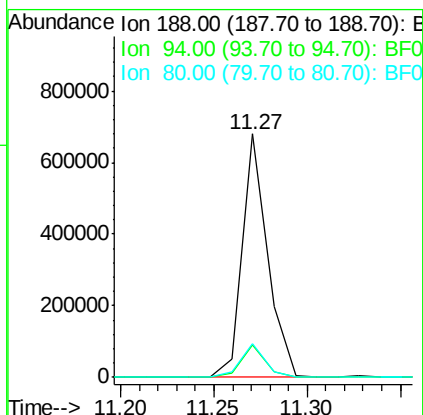
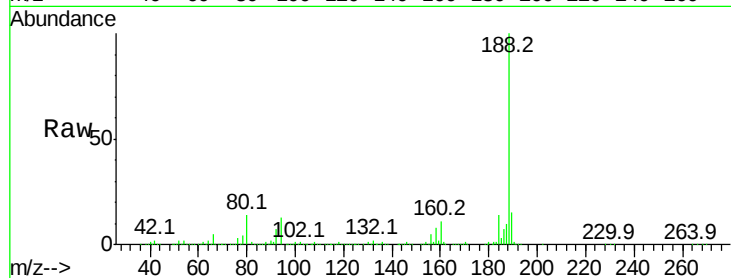




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF093484.D
Acq: 9 Mar 2017 19:22

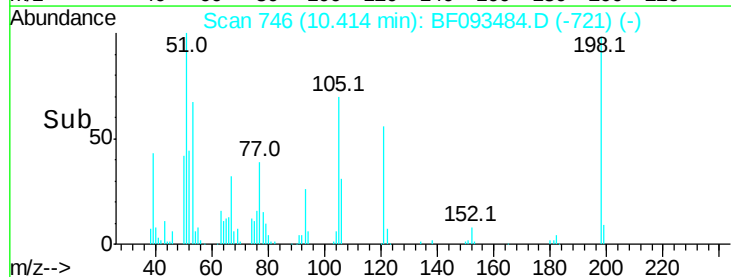
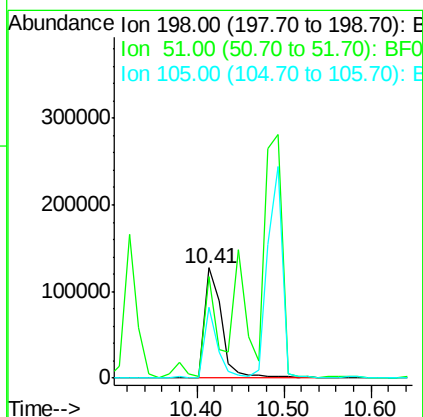
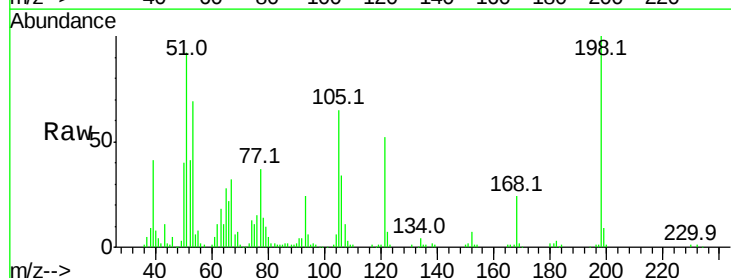
Instrument :
BNA_F
ClientSampleId :
PB97463BS

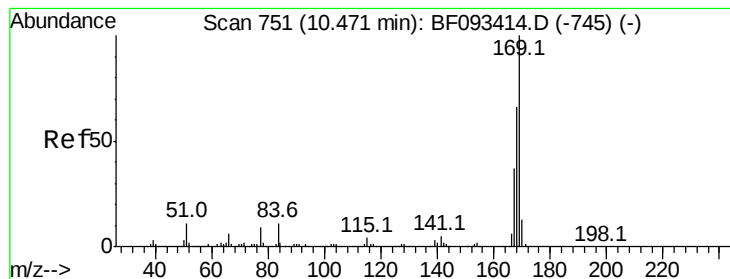
Tot Ion:188 Resp: 640651
Ion Ratio Lower Upper
188 100
94 13.2 10.0 15.0
80 13.9 11.2 16.8



#64
4,6-Dinitro-2-methylphenol
Concen: 42.37 ng
RT: 10.41 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF093484.D
Acq: 9 Mar 2017 19:22

Tgt Ion:198 Resp: 175861
Ion Ratio Lower Upper
198 100
51 92.3 6.7 46.7#
105 64.5 16.6 56.6#





#65

n-Nitrosodiphenylamine

Concen: 39.64 ng

RT: 10.45 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF093484.D

Acq: 9 Mar 2017 19:22

Instrument :

BNA_F

ClientSampleId :

PB97463BS

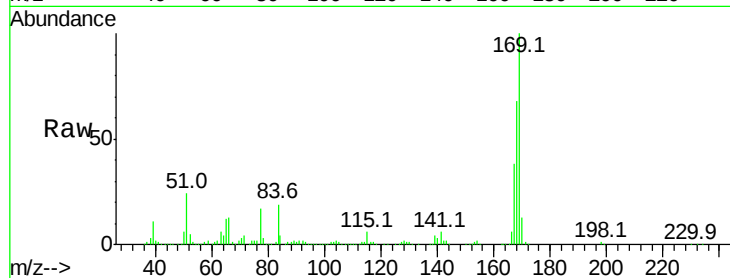
Tot Ion:169 Resp: 848039

Ion Ratio Lower Upper

169 100

168 67.8 54.2 81.2

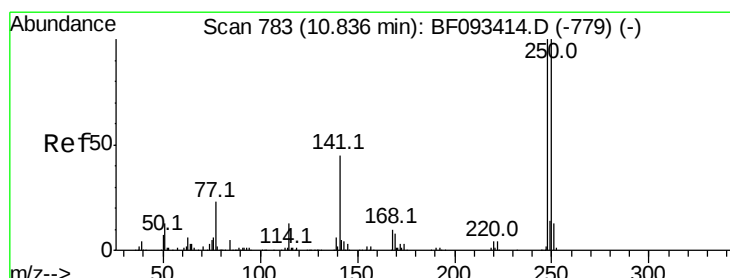
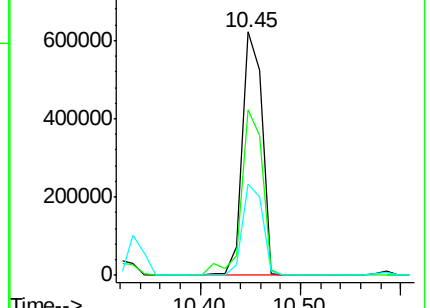
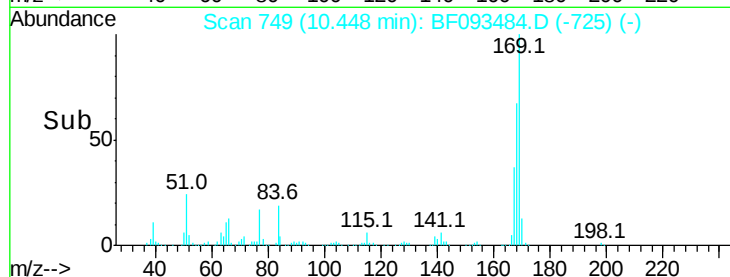
167 37.6 30.2 45.4



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: 35.93 ng

RT: 10.81 min Scan# 781

Delta R.T. -0.02 min

Lab File: BF093484.D

Acq: 9 Mar 2017 19:22

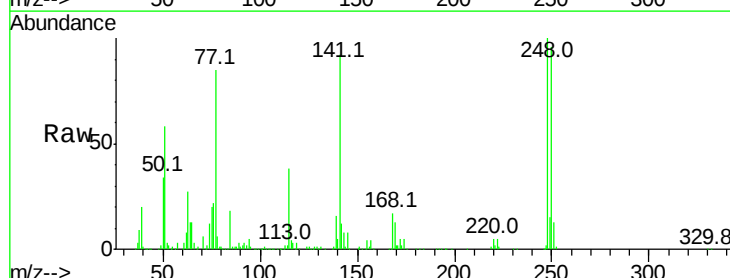
Tgt Ion:248 Resp: 243423

Ion Ratio Lower Upper

248 100

250 95.6 76.9 115.3

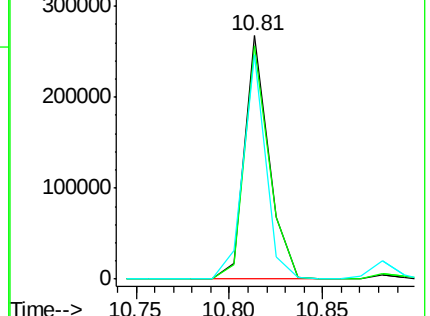
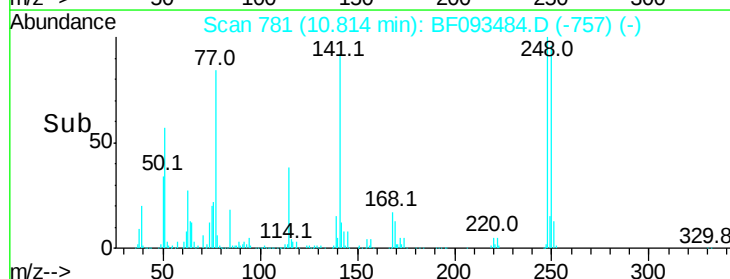
141 92.4 68.2 102.4

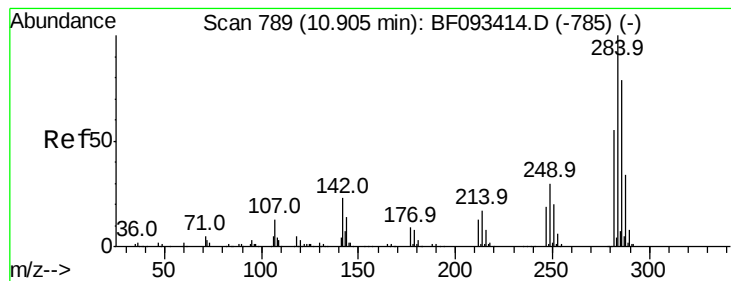


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 37.45 ng

RT: 10.88 min Scan# 787

Delta R.T. -0.02 min

Lab File: BF093484.D

Acq: 9 Mar 2017 19:22

Instrument :

BNA_F

ClientSampleId :

PB97463BS

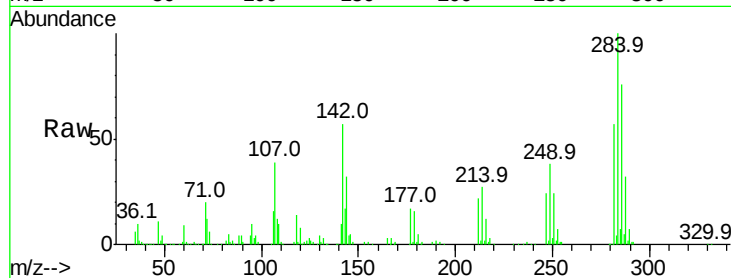
Tot Ion:284 Resp: 242245

Ion Ratio Lower Upper

284 100

142 57.2 22.6 33.8#

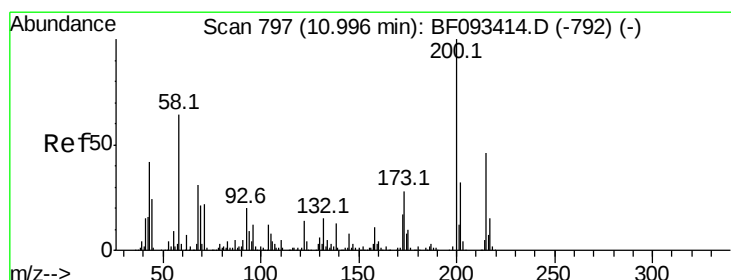
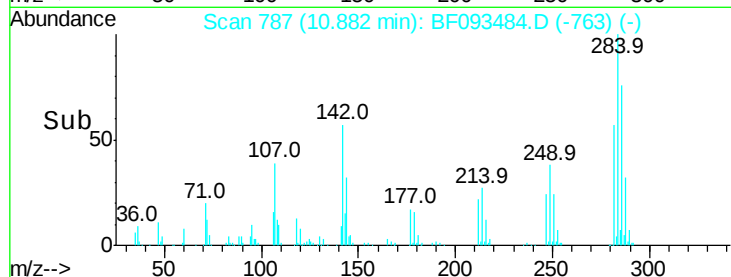
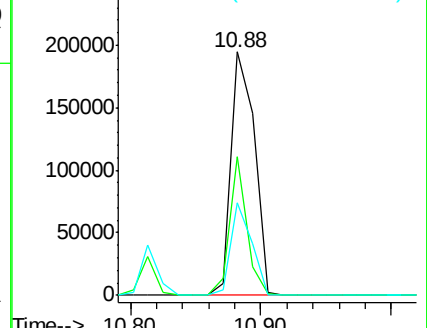
249 38.0 25.4 38.0



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: 43.68 ng

RT: 10.98 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF093484.D

Acq: 9 Mar 2017 19:22

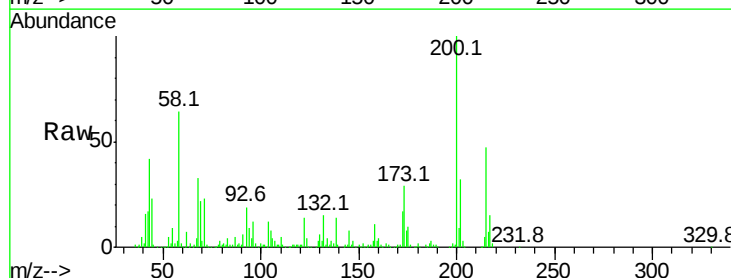
Tgt Ion:200 Resp: 273482

Ion Ratio Lower Upper

200 100

173 29.1 9.6 49.6

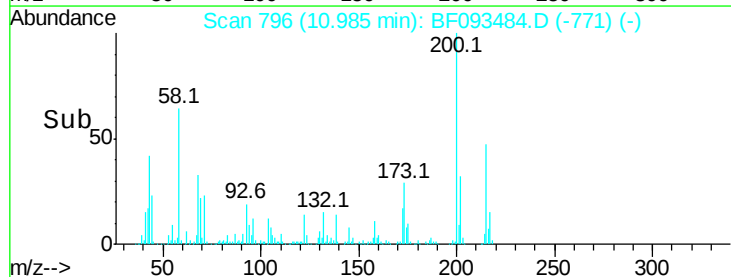
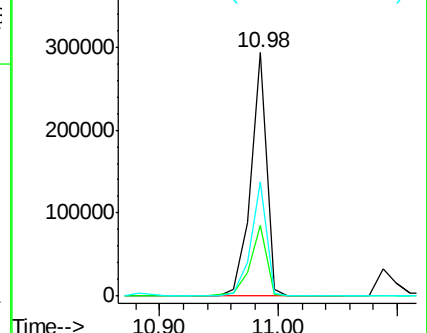
215 46.9 25.7 65.7

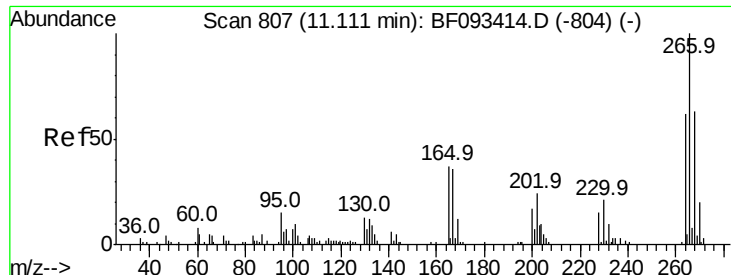


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

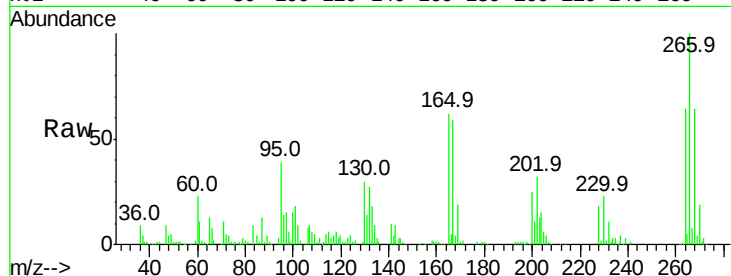




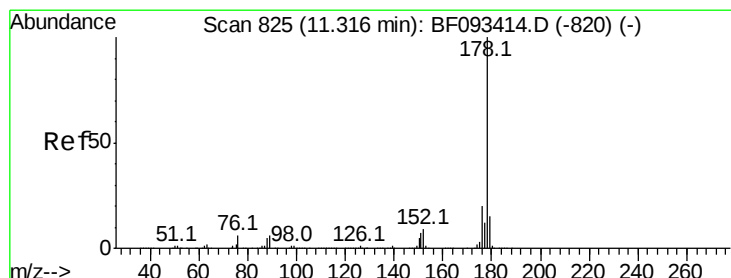
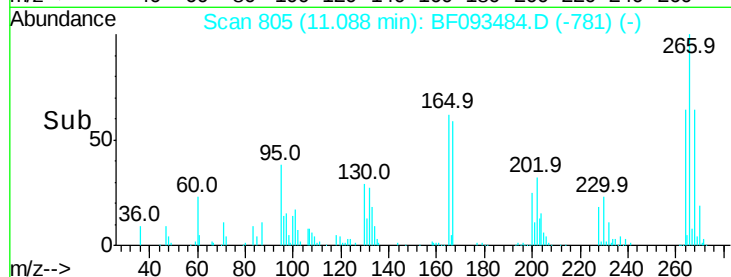
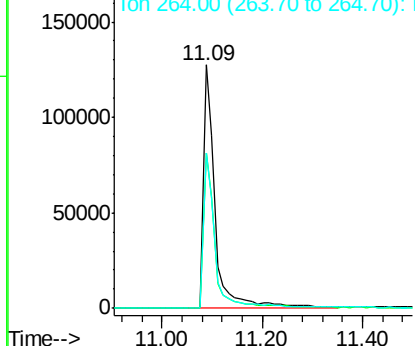
#69
 Pentachlorophenol
 Concen: 93.20 ng
 RT: 11.09 min Scan# 805
 Delta R.T. -0.02 min
 Lab File: BF093484.D
 Acq: 9 Mar 2017 19:22

Instrument :
 BNA_F
 ClientSampleId :
 PB97463BS

Tot Ion:266 Resp: 208156
 Ion Ratio Lower Upper
 266 100
 268 63.6 53.3 79.9
 264 63.7 50.3 75.5

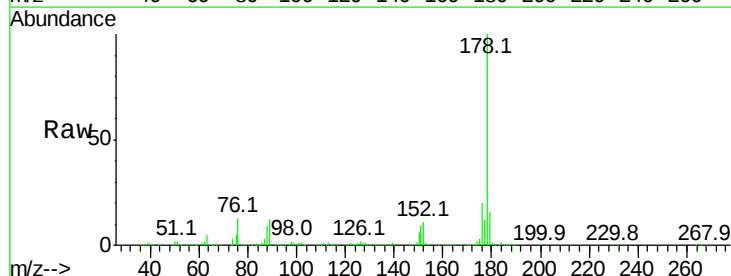


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

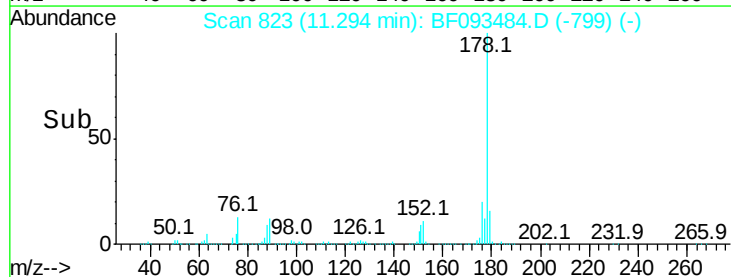
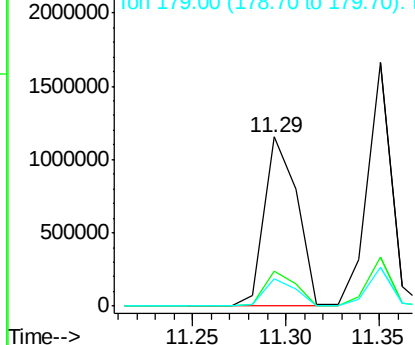


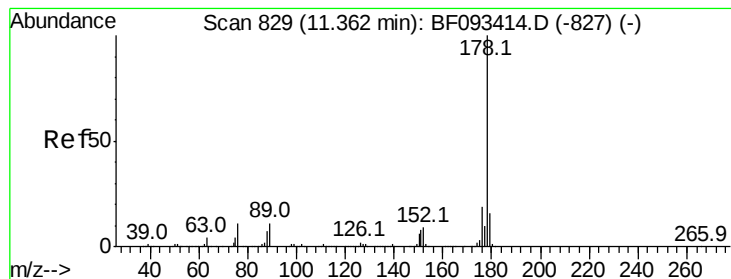
#70
 Phenanthrene
 Concen: 38.31 ng
 RT: 11.29 min Scan# 823
 Delta R.T. -0.02 min
 Lab File: BF093484.D
 Acq: 9 Mar 2017 19:22

Tgt Ion:178 Resp: 1401016
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.6 25.0
 179 16.0 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: 39.63 ng

RT: 11.35 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF093484.D

Acq: 9 Mar 2017 19:22

Instrument :

BNA_F

ClientSampleId :

PB97463BS

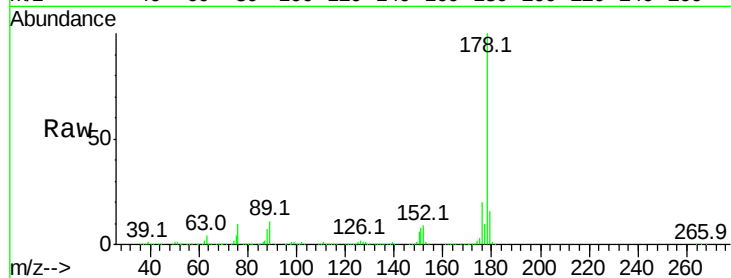
Tot Ion:178 Resp: 1465855

Ion Ratio Lower Upper

178 100

176 20.2 15.9 23.9

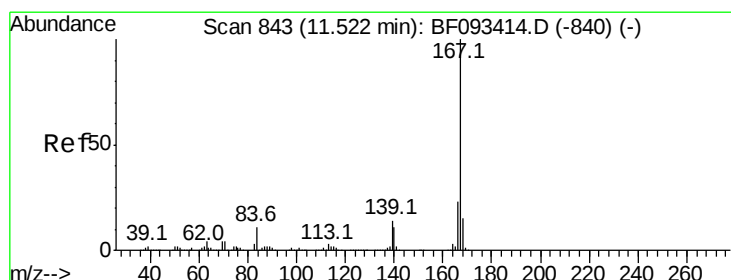
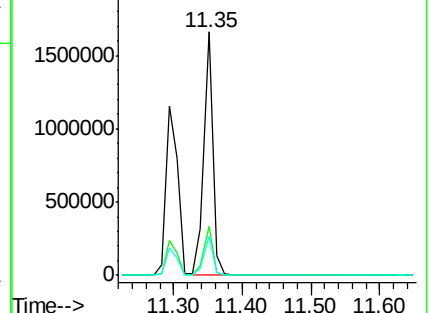
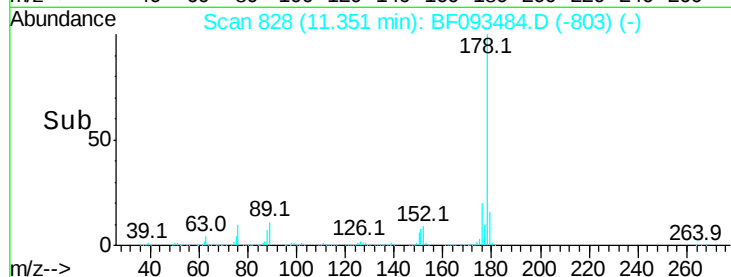
179 15.7 13.2 19.8



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: 37.53 ng

RT: 11.51 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF093484.D

Acq: 9 Mar 2017 19:22

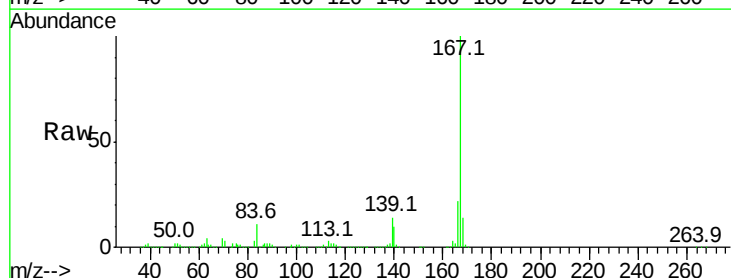
Tgt Ion:167 Resp: 1304139

Ion Ratio Lower Upper

167 100

166 22.4 18.2 27.2

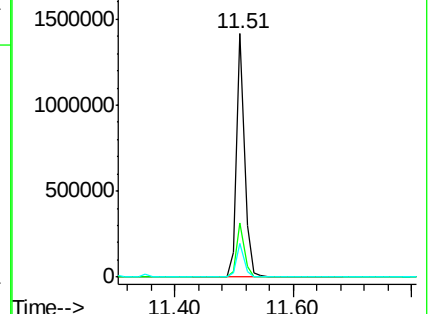
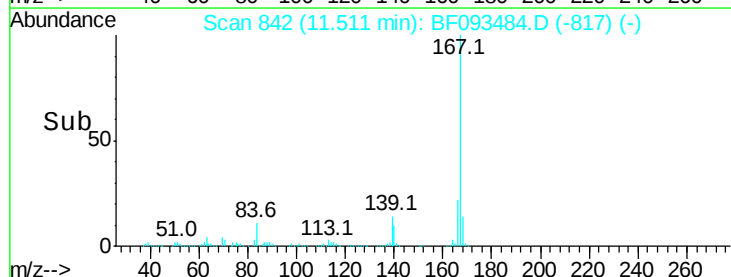
139 13.8 11.4 17.2

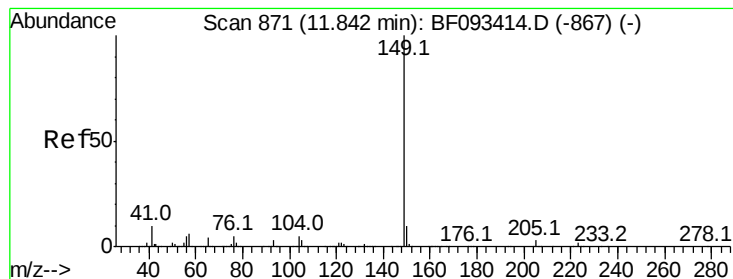


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.57 ng

RT: 11.83 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF093484.D

Acq: 9 Mar 2017 19:22

Instrument :

BNA_F

ClientSampleId :

PB97463BS

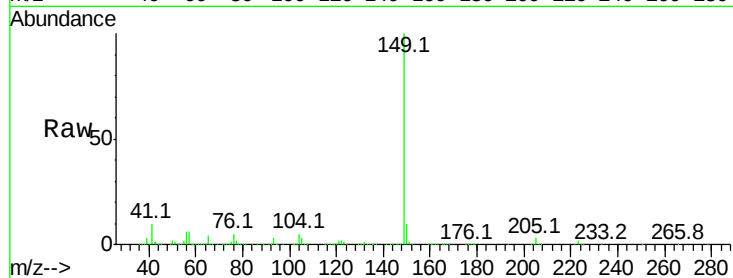
Tot Ion:149 Resp: 1550502

Ion Ratio Lower Upper

149 100

150 9.7 8.1 12.1

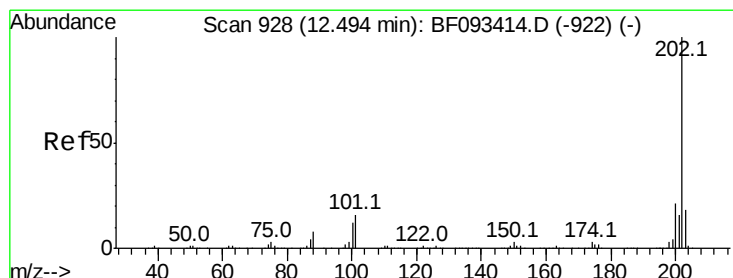
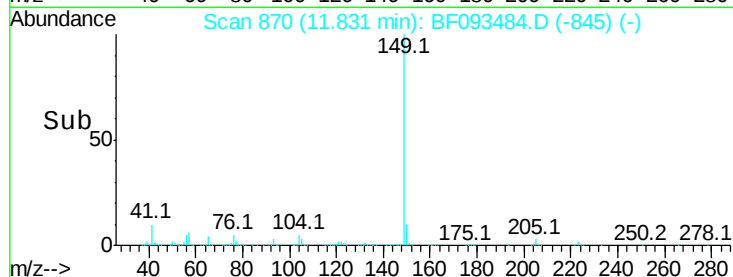
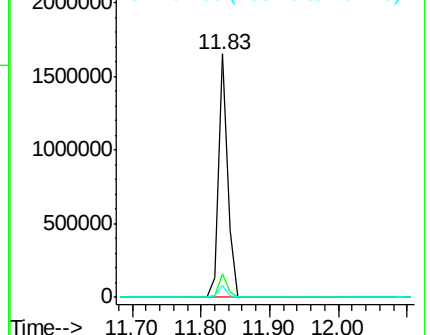
104 5.1 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.67 ng

RT: 12.48 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF093484.D

Acq: 9 Mar 2017 19:22

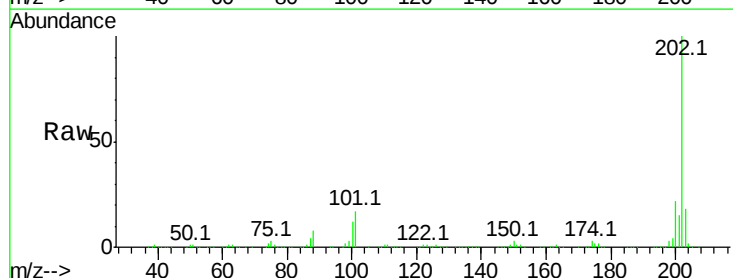
Tgt Ion:202 Resp: 1401343

Ion Ratio Lower Upper

202 100

101 16.7 0.0 34.6

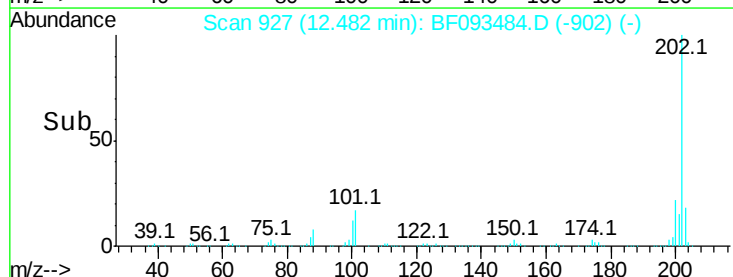
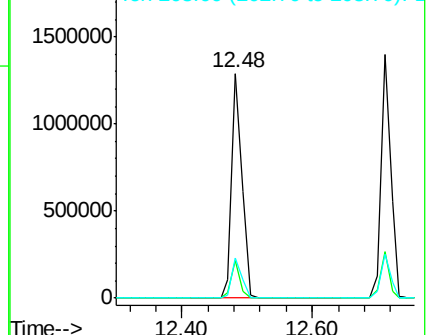
203 18.0 0.0 38.7

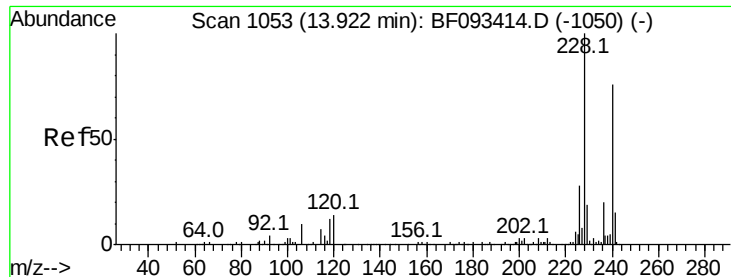


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF093484.D

Acq: 9 Mar 2017 19:22

Instrument :

BNA_F

ClientSampleId :

PB97463BS

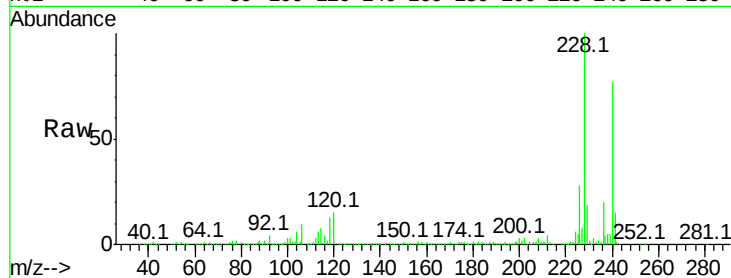
Tot Ion:240 Resp: 528515

Ion Ratio Lower Upper

240 100

120 18.8 12.9 19.3

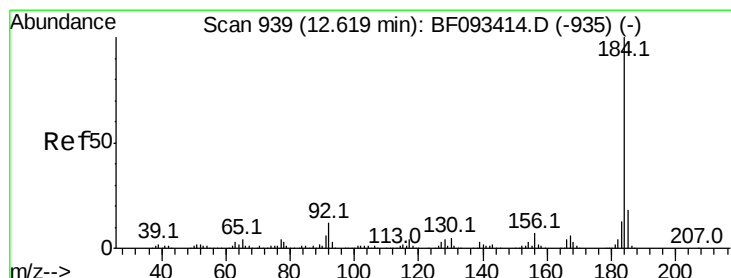
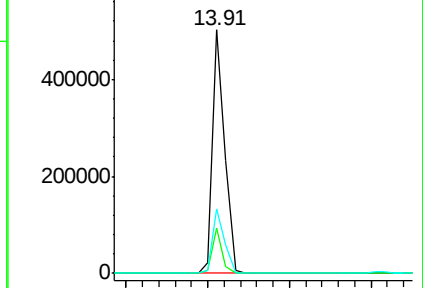
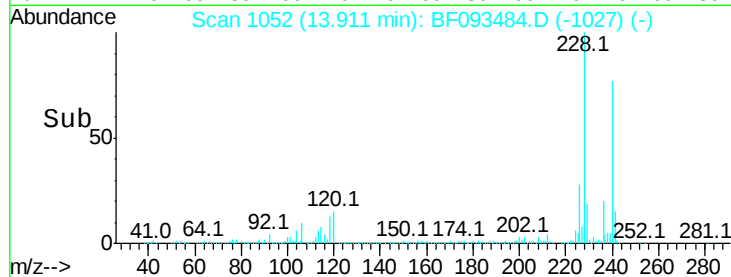
236 26.4 20.9 31.3



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: 34.45 ng

RT: 12.61 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF093484.D

Acq: 9 Mar 2017 19:22

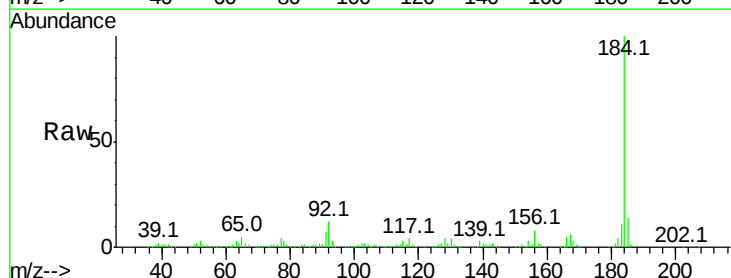
Tgt Ion:184 Resp: 598658

Ion Ratio Lower Upper

184 100

185 14.4 13.4 20.0

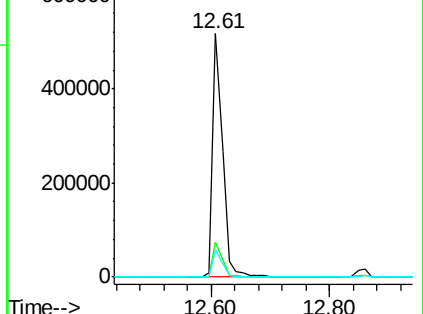
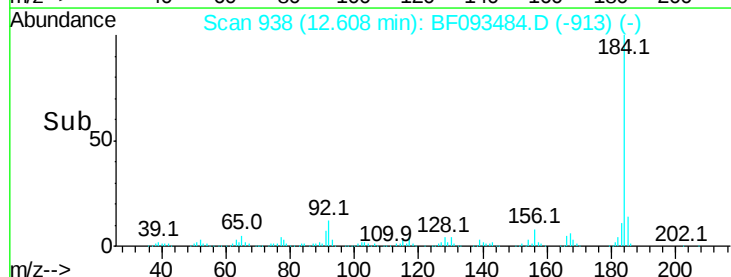
183 11.5 9.2 13.8

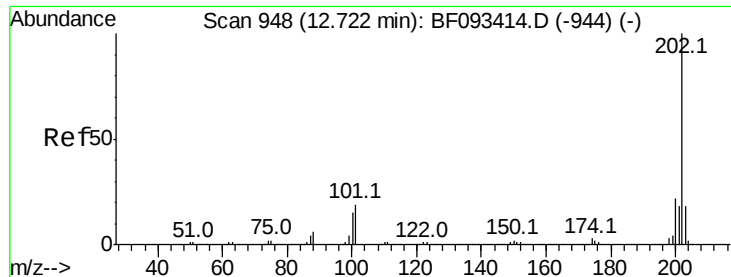


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 37.46 ng

RT: 12.71 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF093484.D

Acq: 9 Mar 2017 19:22

Instrument :

BNA_F

ClientSampleId :

PB97463BS

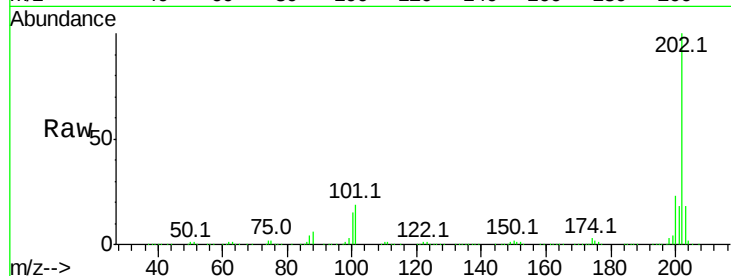
Tot Ion:202 Resp: 1439976

Ion Ratio Lower Upper

202 100

200 22.7 17.7 26.5

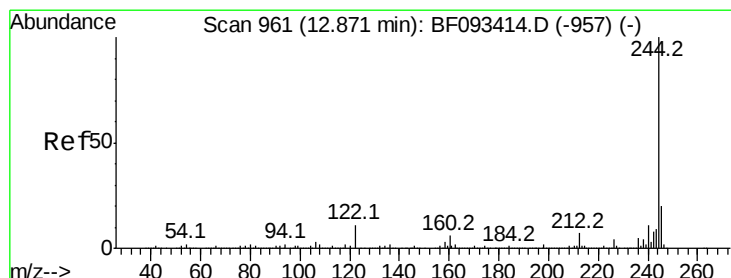
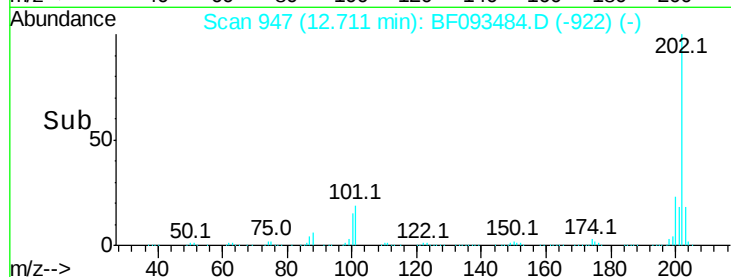
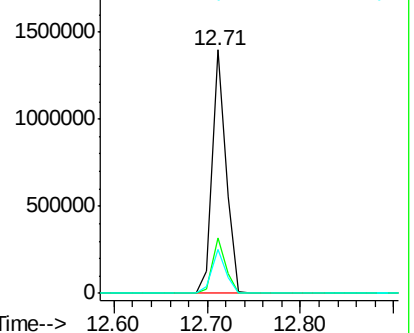
203 18.3 14.7 22.1



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: 83.56 ng

RT: 12.86 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF093484.D

Acq: 9 Mar 2017 19:22

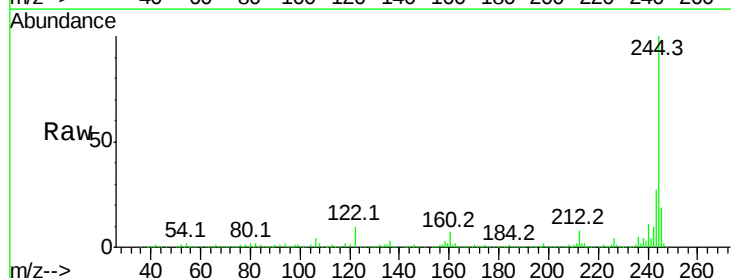
Tgt Ion:244 Resp: 1698618

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

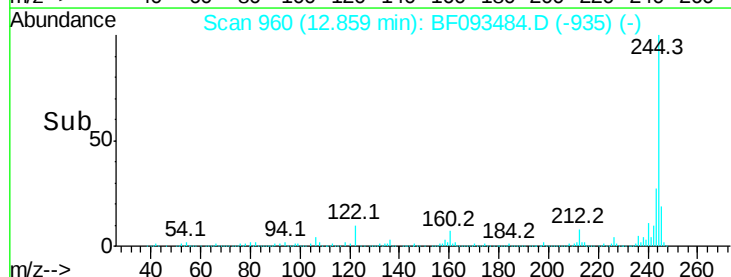
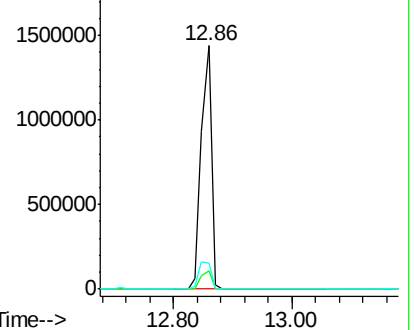
122 10.4 11.4 17.2#

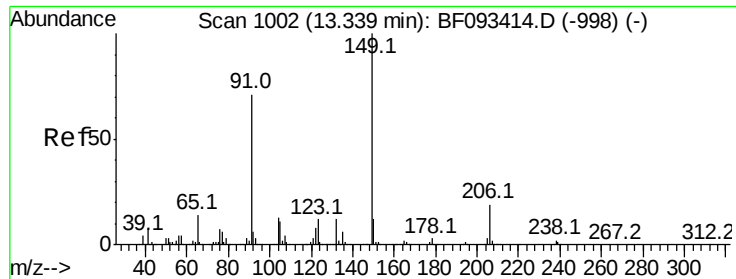


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

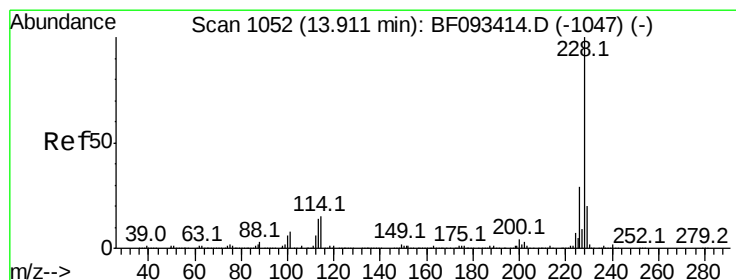
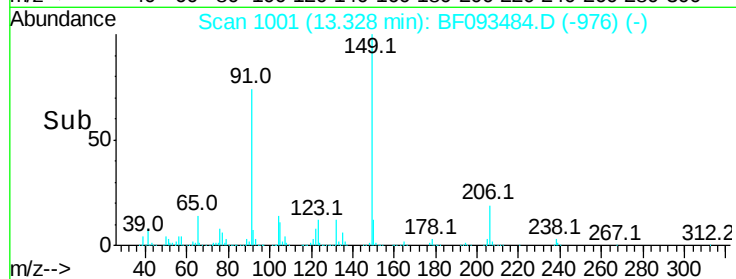
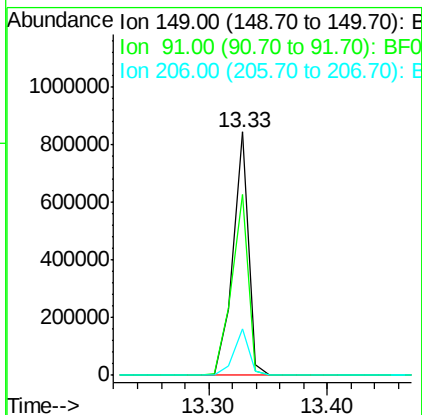
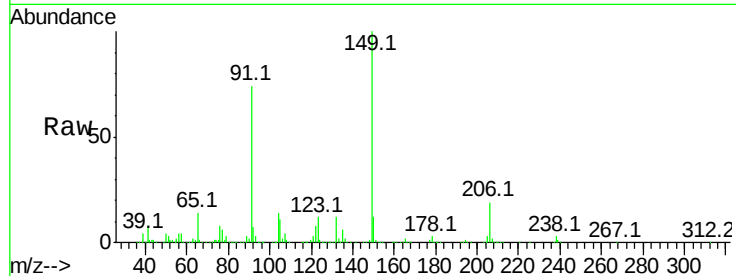




#79
Butylbenzylphthalate
Concen: 47.44 ng
RT: 13.33 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF093484.D
Acq: 9 Mar 2017 19:22

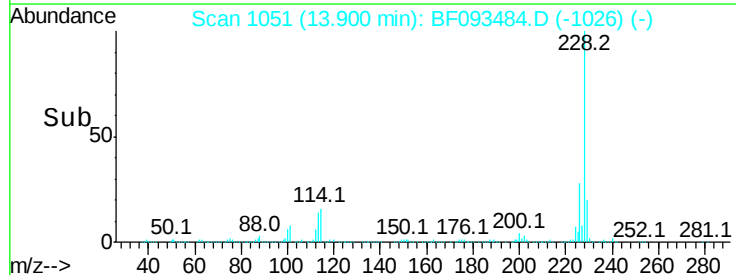
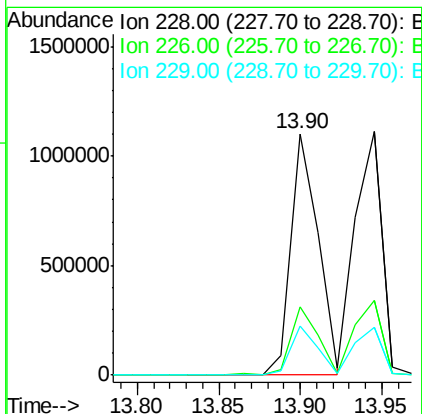
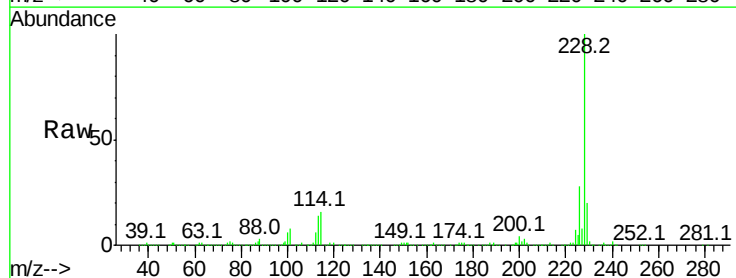
Instrument :
BNA_F
ClientSampleId :
PB97463BS

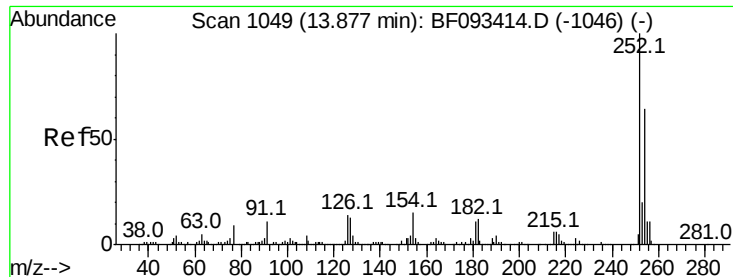
Tot Ion:149 Resp: 767581
Ion Ratio Lower Upper
149 100
91 74.3 63.9 95.9
206 19.3 14.6 21.8



#80
Benzo(a)anthracene
Concen: 41.18 ng
RT: 13.90 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF093484.D
Acq: 9 Mar 2017 19:22

Tgt Ion:228 Resp: 1285261
Ion Ratio Lower Upper
228 100
226 28.4 22.4 33.6
229 20.2 16.2 24.4

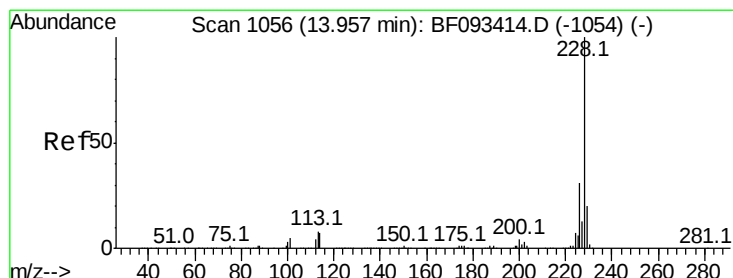
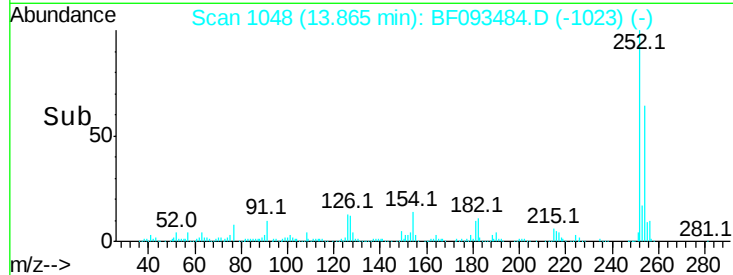
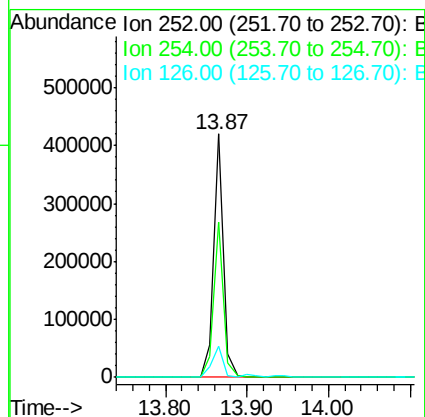
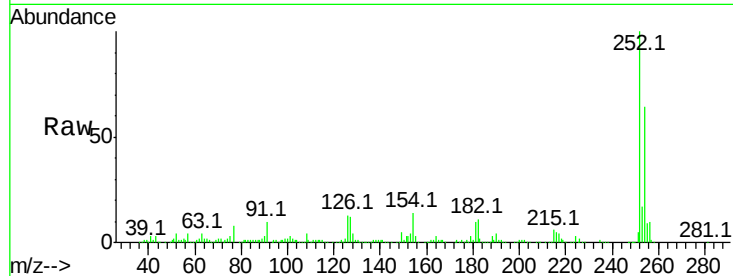




#81
 3,3'-Dichlorobenzidine
 Concen: 33.00 ng
 RT: 13.87 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BF093484.D
 Acq: 9 Mar 2017 19:22

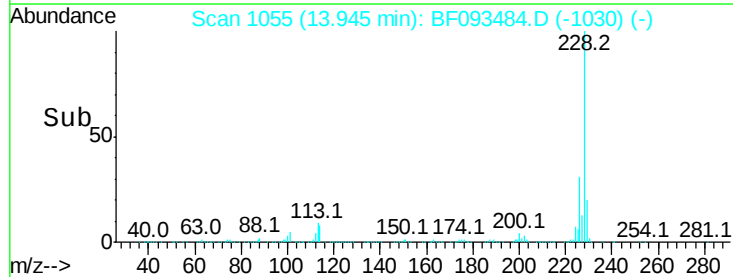
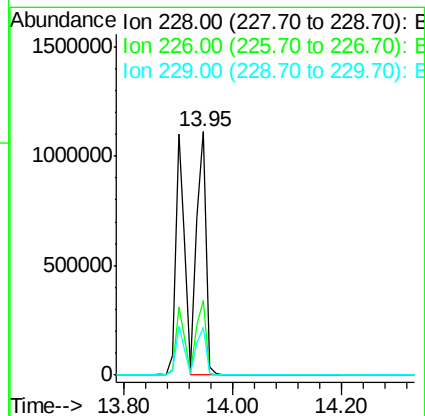
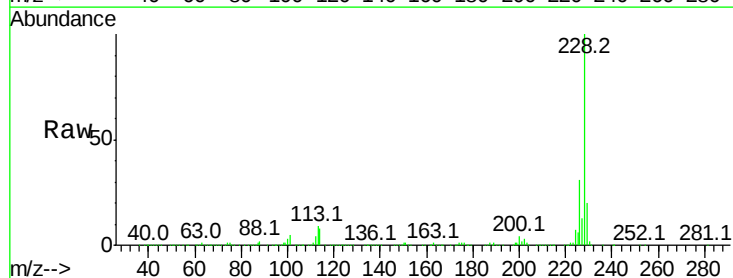
Instrument :
 BNA_F
 ClientSampled :
 PB97463BS

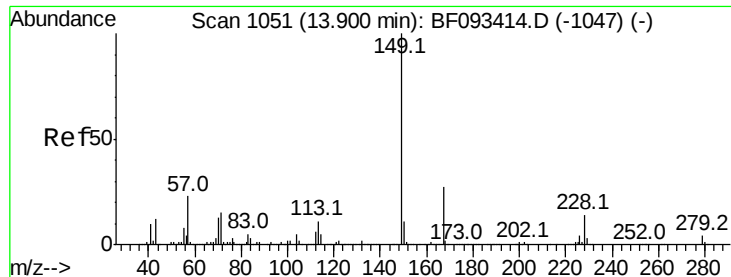
Tot Ion:252 Resp: 360678
 Ion Ratio Lower Upper
 252 100
 254 63.7 52.3 78.5
 126 12.8 13.6 20.4#



#82
 Chrysene
 Concen: 44.97 ng
 RT: 13.95 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BF093484.D
 Acq: 9 Mar 2017 19:22

Tgt Ion:228 Resp: 1298644
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.4 38.0
 229 19.5 16.2 24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.15 ng

RT: 13.89 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BF093484.D

Acq: 9 Mar 2017 19:22

Instrument :

BNA_F

ClientSampleId :

PB97463BS

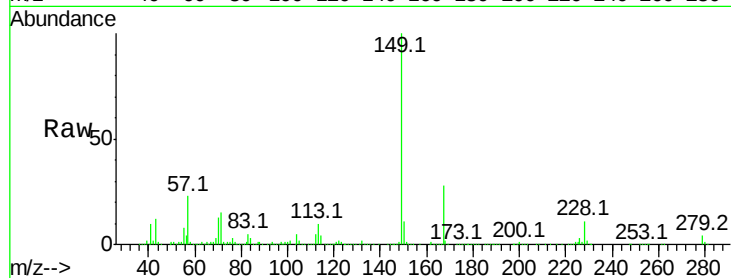
Tot Ion:149 Resp: 1040872

Ion Ratio Lower Upper

149 100

167 28.3 20.2 30.4

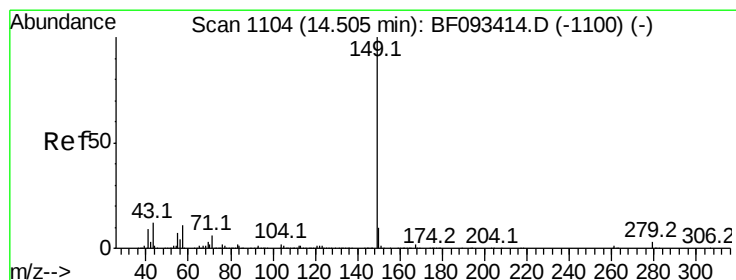
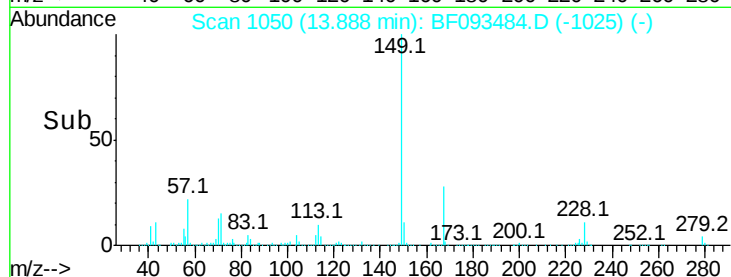
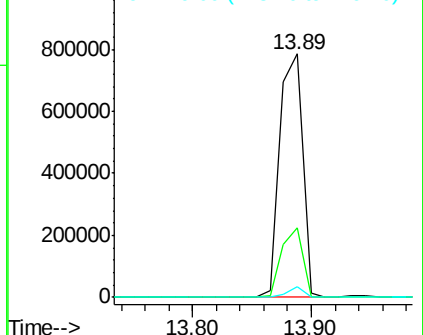
279 4.1 1.8 2.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 45.13 ng

RT: 14.49 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BF093484.D

Acq: 9 Mar 2017 19:22

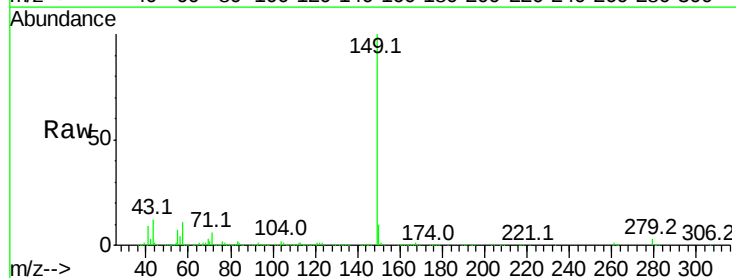
Tgt Ion:149 Resp: 1696542

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

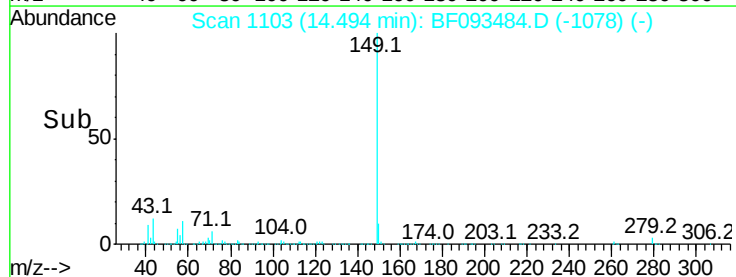
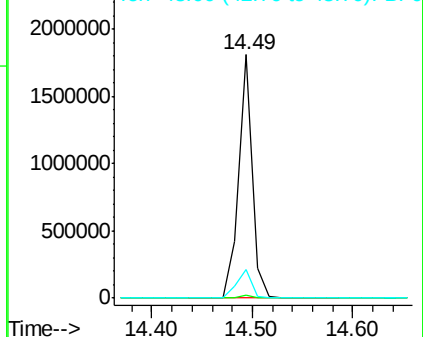
43 13.1 8.9 13.3

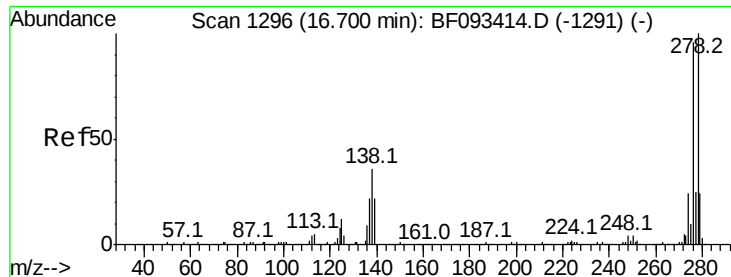


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

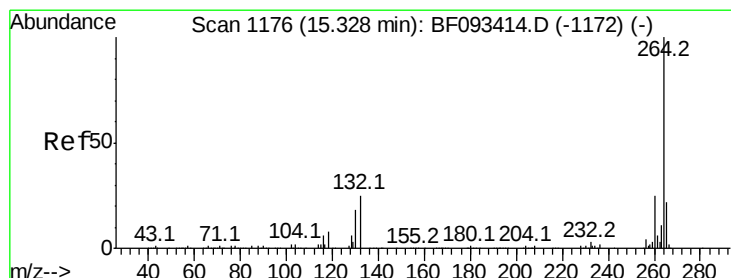
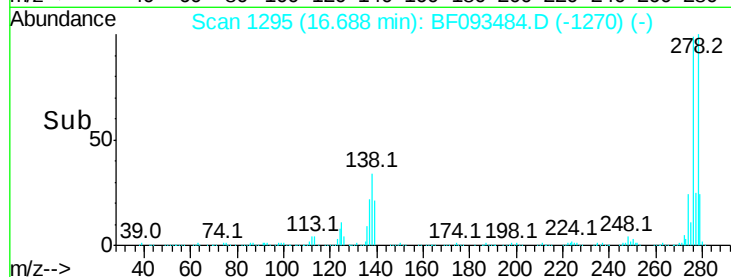
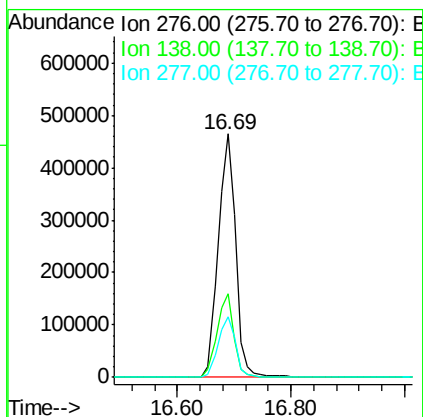
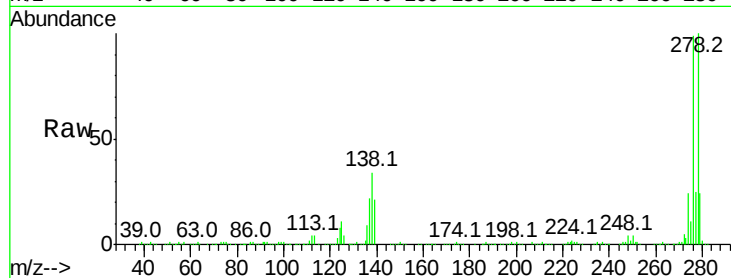




#85
Indeno(1,2,3-cd)pyrene
Concen: 41.14 ng
RT: 16.69 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF093484.D
Acq: 9 Mar 2017 19:22

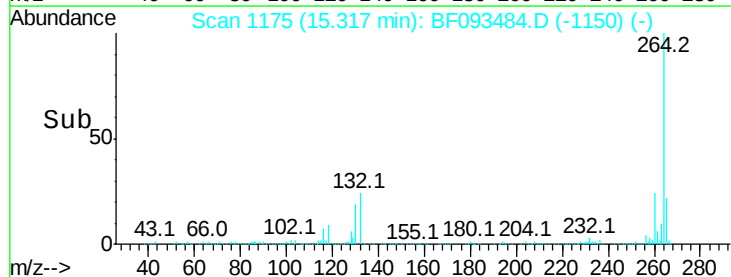
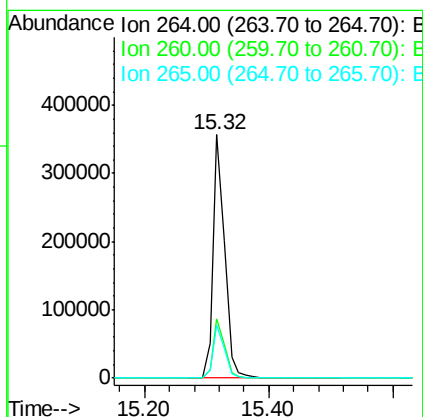
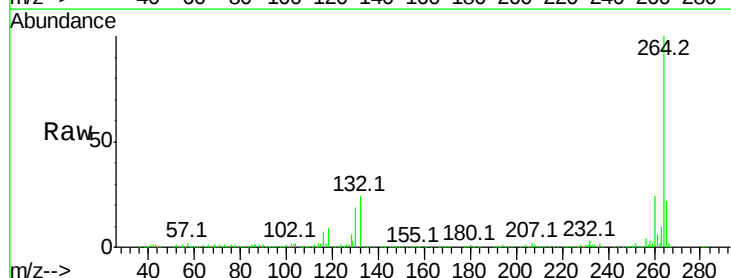
Instrument :
BNA_F
ClientSampleId :
PB97463BS

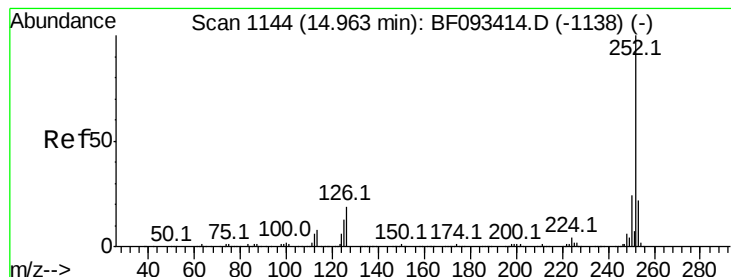
Tot Ion:276 Resp: 994431
Ion Ratio Lower Upper
276 100
138 33.2 21.8 32.6#
277 24.8 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF093484.D
Acq: 9 Mar 2017 19:22

Tgt Ion:264 Resp: 452139
Ion Ratio Lower Upper
264 100
260 24.5 19.2 28.8
265 21.6 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 81.78 ng

RT: 14.95 min Scan# 1143

Delta R.T. 0.01 min

Lab File: BF093484.D

Acq: 9 Mar 2017 19:22

Instrument :

BNA_F

ClientSampleId :

PB97463BS

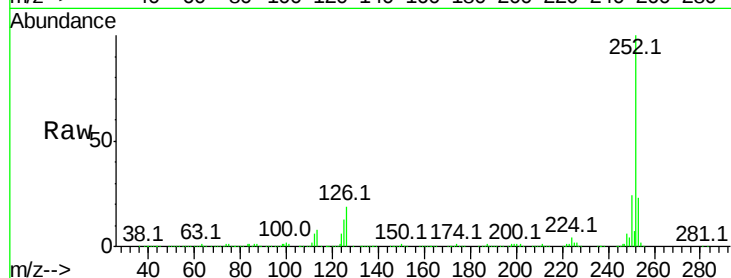
Tot Ion:252 Resp: 2251819

Ion Ratio Lower Upper

252 100

253 22.9 18.2 27.4

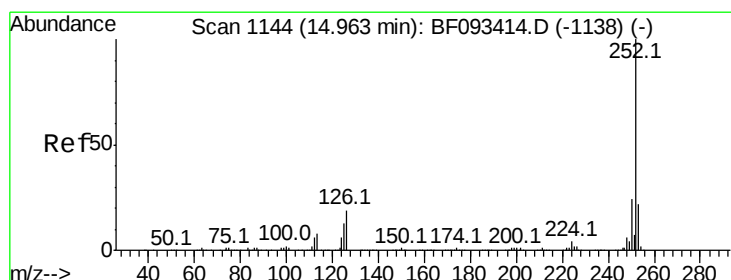
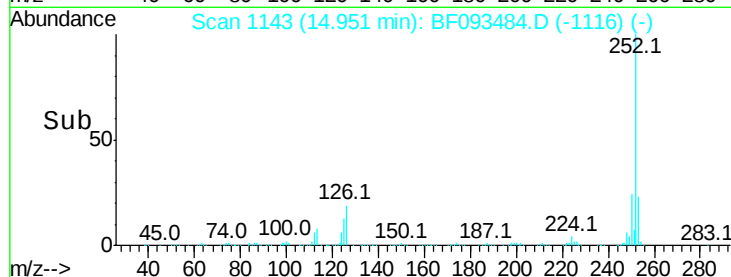
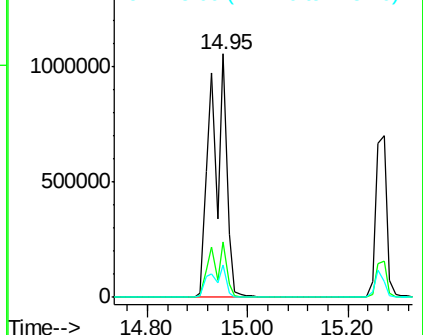
125 13.2 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 84.81 ng

RT: 14.95 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF093484.D

Acq: 9 Mar 2017 19:22

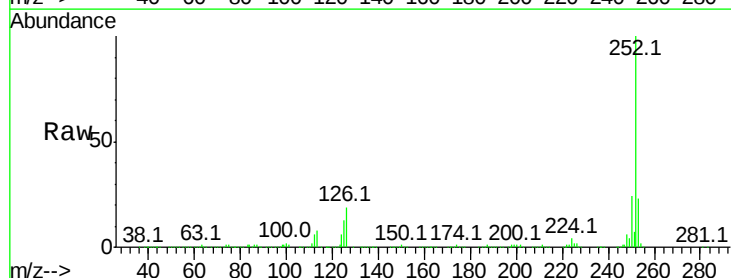
Tgt Ion:252 Resp: 2252211

Ion Ratio Lower Upper

252 100

253 22.9 18.5 27.7

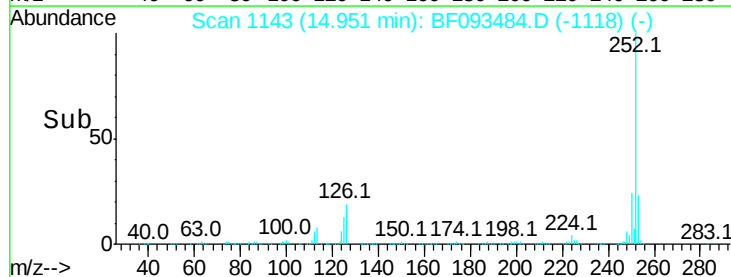
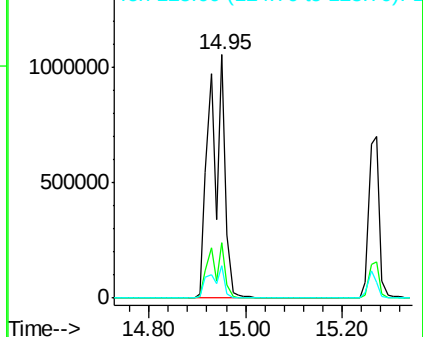
125 13.2 8.9 13.3

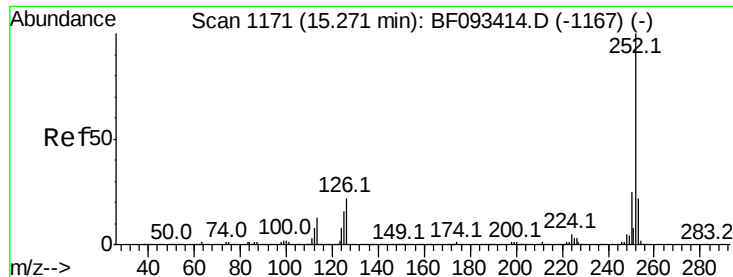


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

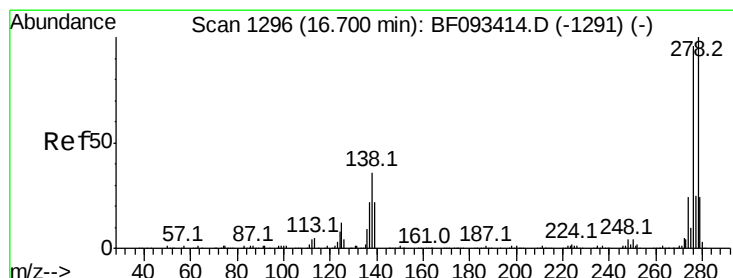
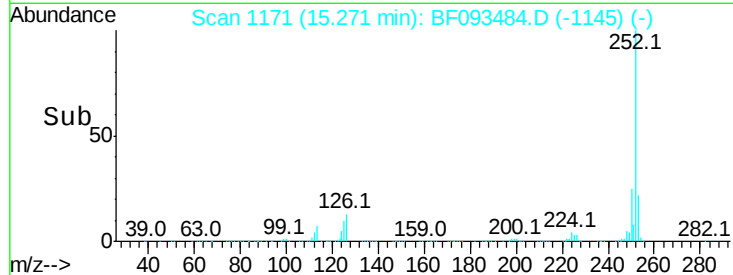
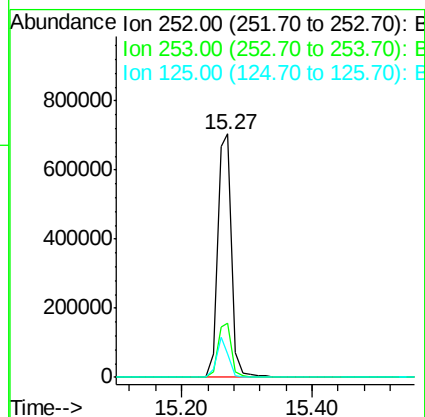
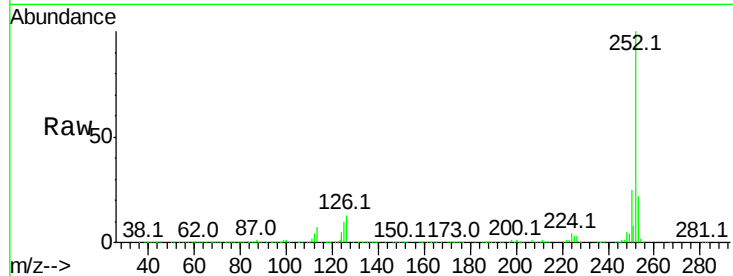




#89
Benzo(a)pyrene
Concen: 42.34 ng
RT: 15.27 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BF093484.D
Acq: 9 Mar 2017 19:22

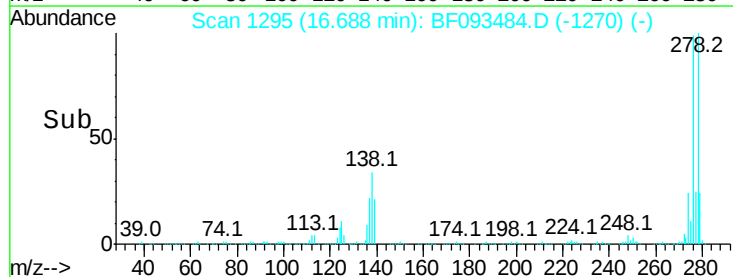
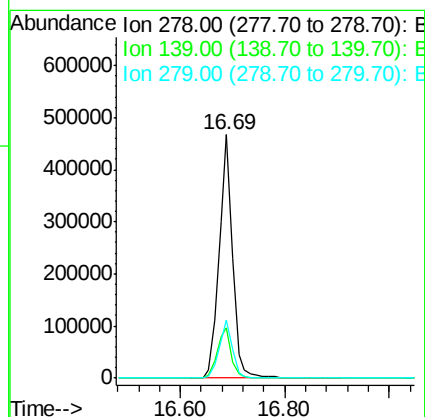
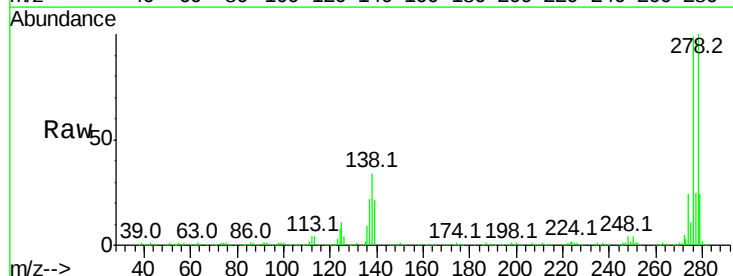
Instrument :
BNA_F
ClientSampleId :
PB97463BS

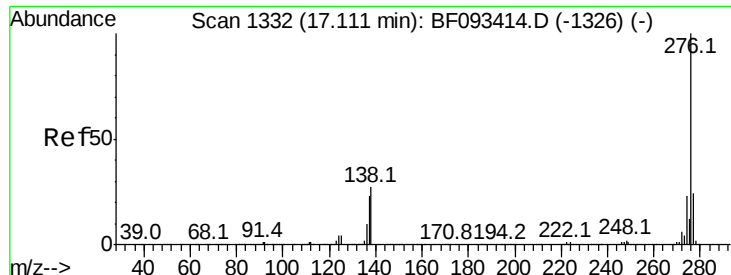
Tot Ion:252 Resp: 1065452
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.2
125 9.7 10.0 15.0#



#90
Dibenzo(a,h)anthracene
Concen: 40.19 ng
RT: 16.69 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF093484.D
Acq: 9 Mar 2017 19:22

Tgt Ion:278 Resp: 836812
Ion Ratio Lower Upper
278 100
139 20.6 14.8 22.2
279 23.8 19.8 29.6





#91
 Benzo(a,h,i)perylene
 Concen: 40.20 ng
 RT: 17.09 min Scan# 1330
 Delta R.T. -0.02 min
 Lab File: BF093484.D
 Acq: 9 Mar 2017 19:22

Instrument :
 BNA_F
 ClientSampleId :
 PB97463BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.2	28.8
138	29.9	16.0	24.0

