

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031517\
 Data File : BF093694.D
 Acq On : 16 Mar 2017 6:02
 Operator : SJ/MA
 Sample : PB97590BSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97590BSD

Quant Time: Mar 16 06:39:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	149939	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	581055	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	209146	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	306462	20.00	ng	0.00
75) Chrysene-d12	13.89	240	305611	20.00	ng	0.00
86) Perylene-d12	15.29	264	260882	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	899351	99.83	ng	-0.01
7) Phenol-d6	6.38	99	984160	86.63	ng	0.00
23) Nitrobenzene-d5	7.29	82	905522	86.47	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	126430	92.78	ng	0.01
44) 2-Fluorobiphenyl	9.09	172	1268626	112.83	ng	0.00
78) Terphenyl-d14	12.82	244	883727	75.18	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.22	88	170644	34.39	ng	# 82
3) Pyridine	2.89	79	407320	32.20	ng	86
4) n-Nitrosodimethylamine	2.86	42	232233	38.43	ng	84
6) Aniline	6.38	93	438385	28.12	ng	# 69
8) 2-Chlorophenol	6.50	128	425620	42.17	ng	99
9) Benzaldehyde	6.26	77	228113	29.63	ng	95
10) Phenol	6.39	94	615023	44.18	ng	84
11) bis(2-Chloroethyl)ether	6.45	93	482018	42.84	ng	94
12) 1,3-Dichlorobenzene	6.88	146	415822	35.99	ng	96
13) 1,4-Dichlorobenzene	6.72	146	477850	40.40	ng	99
14) 1,2-Dichlorobenzene	6.88	146	430104	41.06	ng	96
15) Benzyl Alcohol	6.88	79	288651	35.64	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.00	45	802636	42.94	ng	72
17) 2-Methylphenol	7.01	107	360497	42.22	ng	98
18) Hexachloroethane	7.21	117	149892	37.57	ng	96
19) n-Nitroso-di-n-propylamine	7.13	70	326174	41.76	ng	# 86
20) 3+4-Methylphenols	7.17	107	487473	44.03	ng	# 72
22) Acetophenone	7.13	105	605654	43.31	ng	# 96
24) Nitrobenzene	7.30	77	483857	41.11	ng	97
25) Isophorone	7.54	82	839419	39.75	ng	# 92
26) 2-Nitrophenol	7.62	139	204983	38.17	ng	# 89
27) 2,4-Dimethylphenol	7.68	122	364371	41.71	ng	96
28) bis(2-Chloroethoxy)methane	7.76	93	578399	43.39	ng	99
29) 2,4-Dichlorophenol	7.90	162	347973	42.34	ng	94
30) 1,2,4-Trichlorobenzene	7.94	180	345002	39.47	ng	96
31) Naphthalene	8.02	128	1128735	38.76	ng	99
32) Benzoic acid	7.84	122	113542	25.01	ng	91
33) 4-Chloroaniline	8.12	127	147430	12.48	ng	94
34) Hexachlorobutadiene	8.14	225	184288	40.94	ng	97
35) Caprolactam	8.47	113	106769	38.04	ng	# 50
36) 4-Chloro-3-methylphenol	8.61	107	325777	37.14	ng	98
37) 2-Methylnaphthalene	8.72	142	690220	37.26	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	293167	51.33	ng	99
40) Hexachlorocyclopentadiene	8.86	237	20137	23.95	ng	95

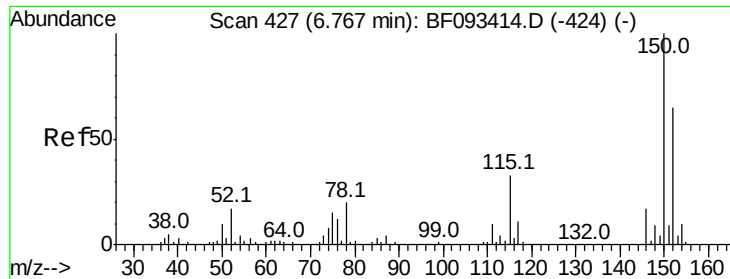
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031517\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	193044	54.10	nq	93
43) 2,4,5-Trichlorophenol	9.08	196	168443	44.00	nq	95
45) 1,1'-Biphenyl	9.18	154	787881	51.71	nq	96
46) 2-Chloronaphthalene	9.21	162	638968	54.79	nq	97
47) 2-Nitroaniline	9.33	65	234364	56.85	nq	95
48) Acenaphthylene	9.62	152	936271	48.68	nq	98
49) Dimethylphthalate	9.49	163	710524	51.24	nq	98
50) 2,6-Dinitrotoluene	9.57	165	162699	53.48	nq	92
51) Acenaphthene	9.80	154	566573	49.81	nq	97
52) 3-Nitroaniline	9.74	138	119733	32.76	nq	85
53) 2,4-Dinitrophenol	9.90	184	6523	4.71	nq	# 42
54) Dibenzofuran	9.97	168	760340	53.41	nq	99
55) 4-Nitrophenol	9.97	139	422246	237.84	nq	# 14
56) 2,4-Dinitrotoluene	9.98	165	179133	47.93	nq	96
57) Fluorene	10.31	166	573950	47.58	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	128940	47.72	nq	# 90
59) Diethylphthalate	10.18	149	622990	47.01	nq	100
60) 4-Chlorophenyl-phenylether	10.30	204	270214	49.97	nq	90
61) 4-Nitroaniline	10.36	138	135617	36.28	nq	90
62) Azobenzene	10.46	77	679866	45.15	nq	98
64) 4,6-Dinitro-2-methylphenol	10.40	198	22467	11.32	nq	# 71
65) n-Nitrosodiphenylamine	10.42	169	490050	47.89	nq	99
66) 4-Bromophenyl-phenylether	10.79	248	153699	47.43	nq	92
67) Hexachlorobenzene	10.86	284	142412	46.02	nq	# 86
68) Atrazine	10.96	200	145522	48.59	nq	98
69) Pentachlorophenol	11.08	266	66007	61.78	nq	98
70) Phenanthrene	11.27	178	755715	43.20	nq	98
71) Anthracene	11.33	178	792752	44.80	nq	97
72) Carbazole	11.50	167	704489	42.38	nq	97
73) Di-n-butylphthalate	11.81	149	867336	45.10	nq	# 98
74) Fluoranthene	12.46	202	784023	46.40	nq	98
76) Benzidine	12.60	184	442912	44.07	nq	97
77) Pyrene	12.69	202	791510	35.61	nq	99
79) Butylbenzylphthalate	13.30	149	403196	43.09	nq	# 83
80) Benzo(a)anthracene	13.88	228	780193	43.23	nq	100
81) 3,3'-Dichlorobenzidine	13.84	252	285668	45.19	nq	# 97
82) Chrysene	13.91	228	702680	42.08	nq	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	543220	41.65	nq	99
84) Di-n-octyl phthalate	14.47	149	1033392	47.54	nq	99
85) Indeno(1,2,3-cd)pyrene	16.64	276	592012	42.36	nq	# 94
87) Benzo(b)fluoranthene	14.93	252	1412746	88.92	nq	# 96
88) Benzo(k)fluoranthene	14.93	252	1412746	92.20	nq	97
89) Benzo(a)pyrene	15.24	252	652887	44.96	nq	98
90) Dibenzo(a,h)anthracene	16.64	278	510393	42.49	nq	97
91) Benzo(g,h,i)perylene	17.05	276	490720	39.80	nq	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF093694.D

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ClientSampleId :

PB97590BSD

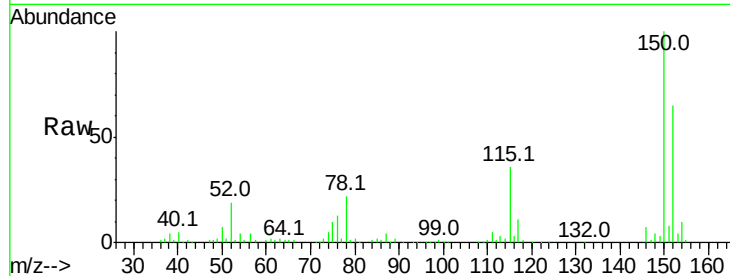
Tot Ion:152 Resp: 149939

Ion Ratio Lower Upper

152 100

150 153.4 124.9 187.3

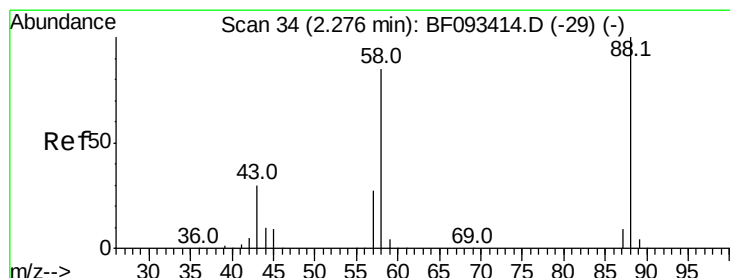
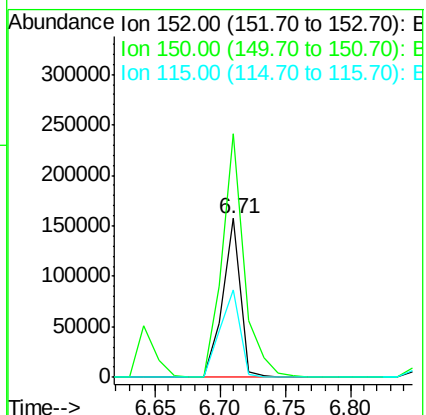
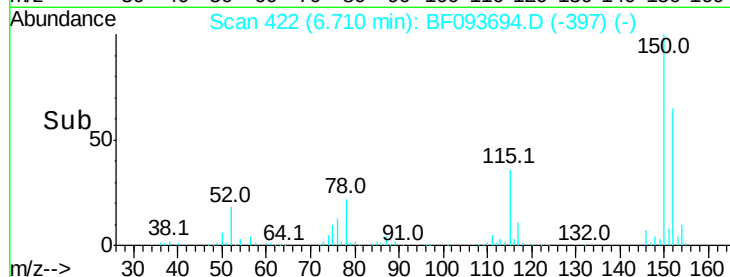
115 55.1 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 34.39 ng

RT: 2.22 min Scan# 29

Delta R.T. 0.03 min

Lab File: BF093694.D

Acq: 16 Mar 2017 6:02

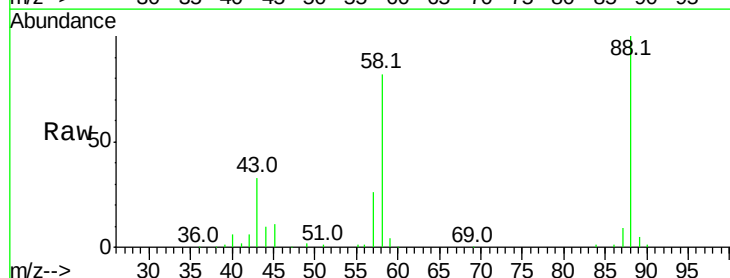
Tgt Ion: 88 Resp: 170644

Ion Ratio Lower Upper

88 100

58 90.6 57.8 86.8#

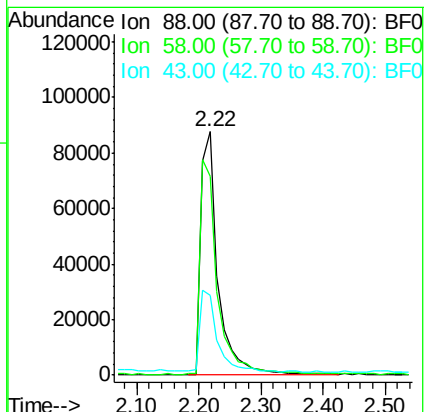
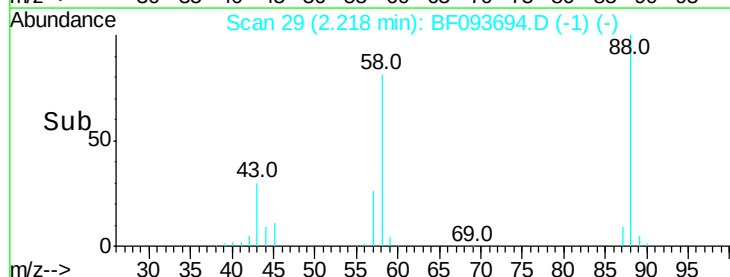
43 32.6 22.3 33.5

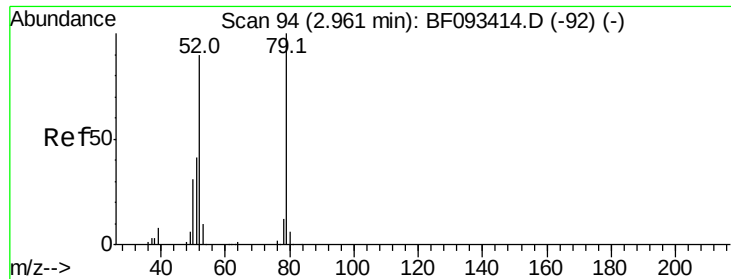


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

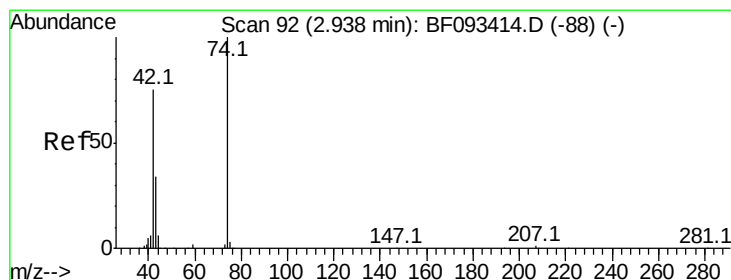
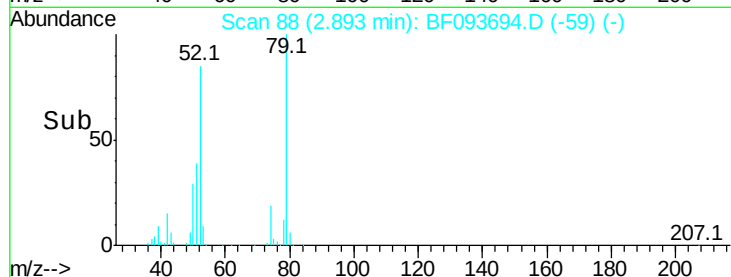
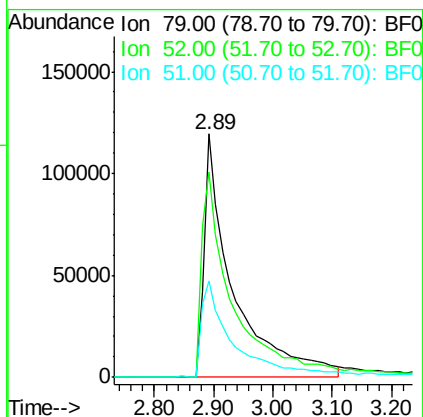
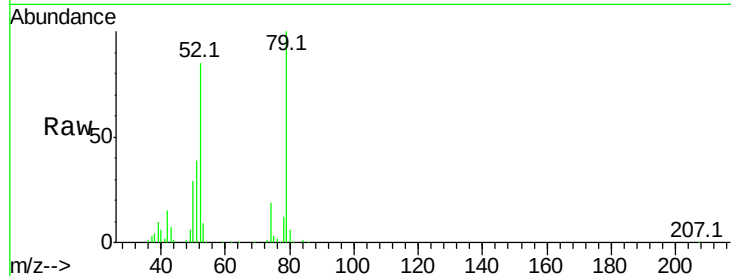




#3
 Pvridine
 Concen: 32.20 ng
 RT: 2.89 min Scan# 88
 Delta R.T. 0.03 min
 Lab File: BF093694.D
 Acq: 16 Mar 2017 6:02

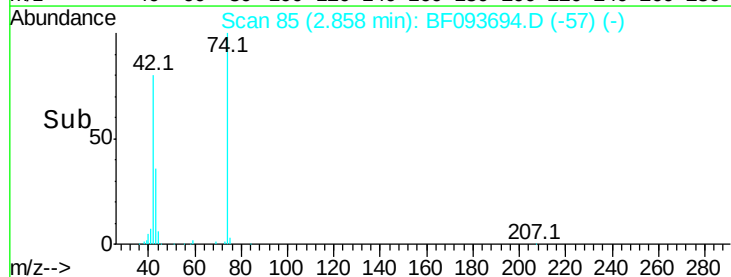
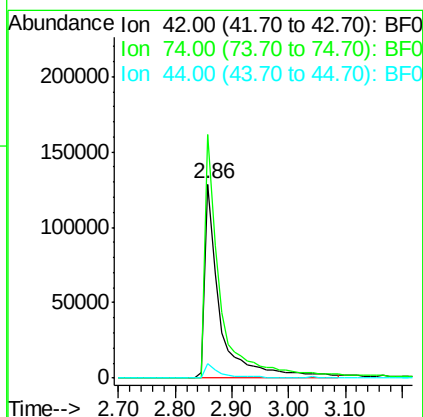
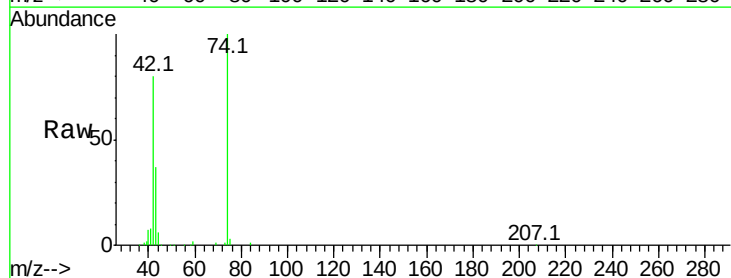
Instrument :
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 PB97590BSD

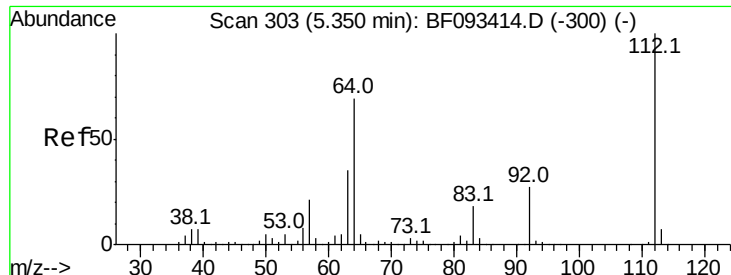
Tot Ion: 79 Resp: 407320
 Ion Ratio Lower Upper
 79 100
 52 84.5 57.1 85.7
 51 39.5 27.3 40.9



#4
 n-Nitrosodimethylamine
 Concen: 38.43 ng
 RT: 2.86 min Scan# 85
 Delta R.T. 0.02 min
 Lab File: BF093694.D
 Acq: 16 Mar 2017 6:02

Tgt Ion: 42 Resp: 232233
 Ion Ratio Lower Upper
 42 100
 74 125.4 117.0 175.4
 44 7.5 5.5 8.3

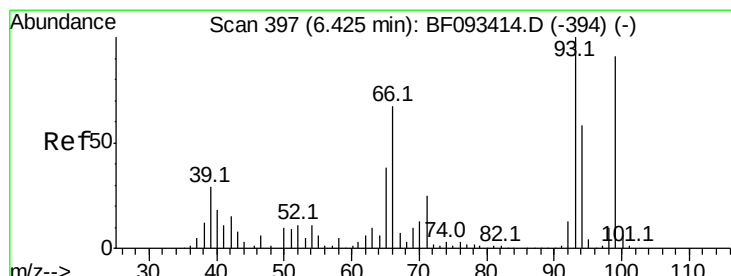
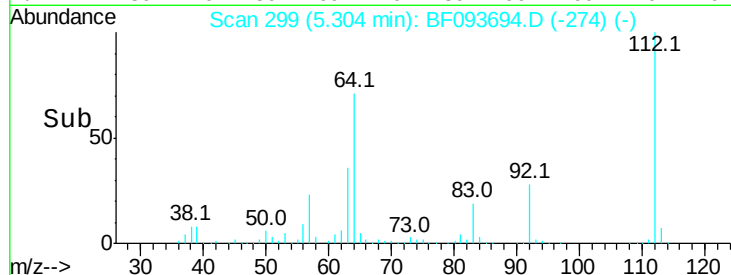
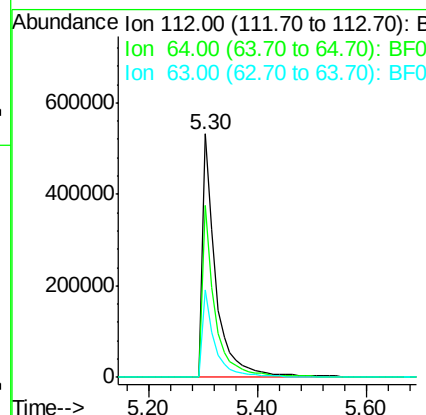
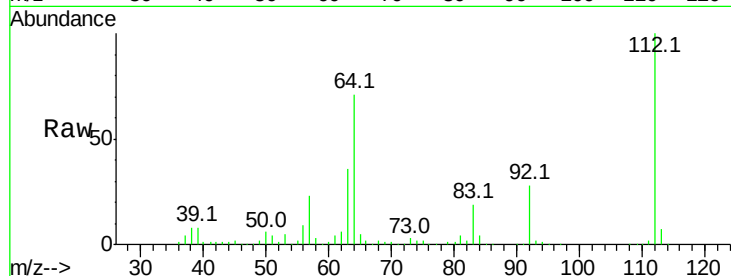




#5
 2-Fluorophenol
 Concen: 99.83 ng
 RT: 5.30 min Scan# 299
 Delta R.T. -0.01 min
 Lab File: BF093694.D
 Acq: 16 Mar 2017 6:02

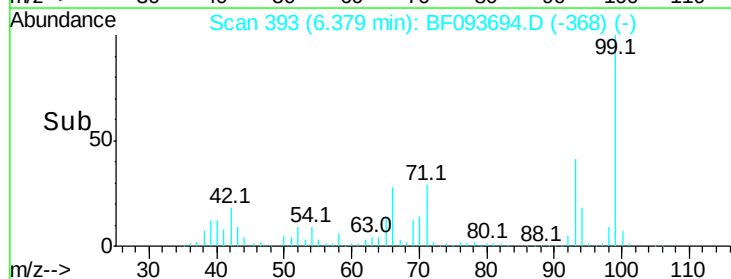
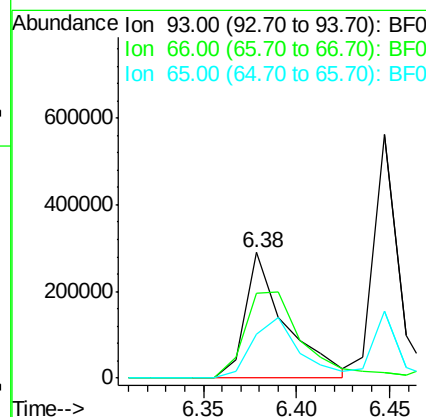
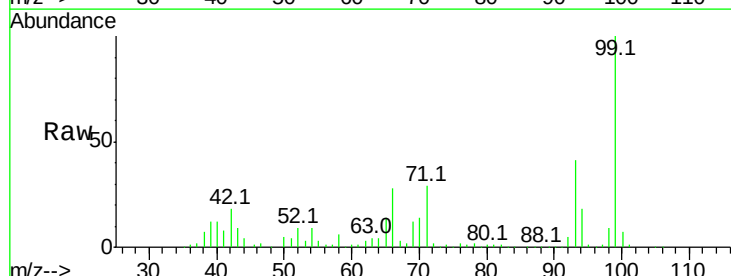
Instrument :
 BNA_F
 ClientSampleId :
 PB97590BSD

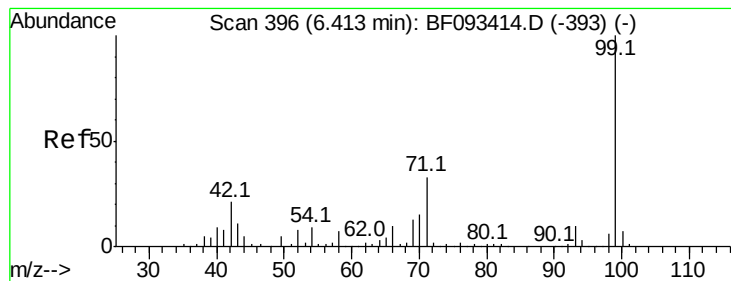
Tot Ion: 112 Resp: 899351
 Ion Ratio Lower Upper
 112 100
 64 70.8 46.1 69.1#
 63 36.2 23.8 35.6#



#6
 Aniline
 Concen: 28.12 ng
 RT: 6.38 min Scan# 393
 Delta R.T. -0.01 min
 Lab File: BF093694.D
 Acq: 16 Mar 2017 6:02

Tgt Ion: 93 Resp: 438385
 Ion Ratio Lower Upper
 93 100
 66 67.9 76.2 114.2#
 65 34.7 49.3 73.9#





#7

Phenol-d6

Concen: 86.63 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF093694.D

Acq: 16 Mar 2017 6:02

Instrument :

BNA_F

ClientSampleId :

PB97590BSD

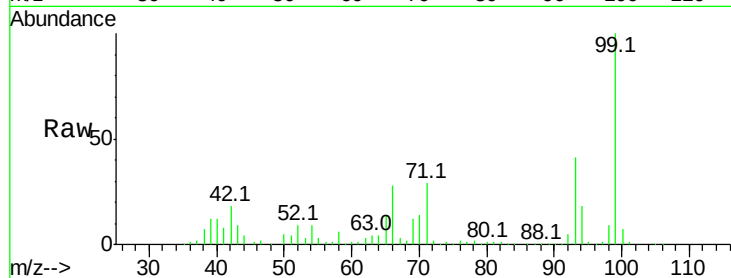
Tot Ion: 99 Resp: 984160

Ion Ratio Lower Upper

99 100

42 18.4 15.6 23.4

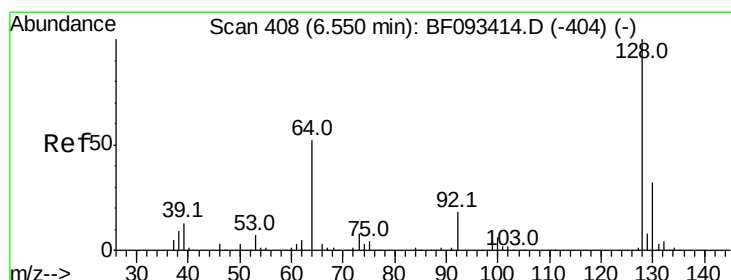
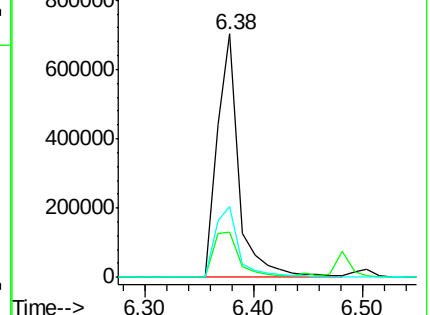
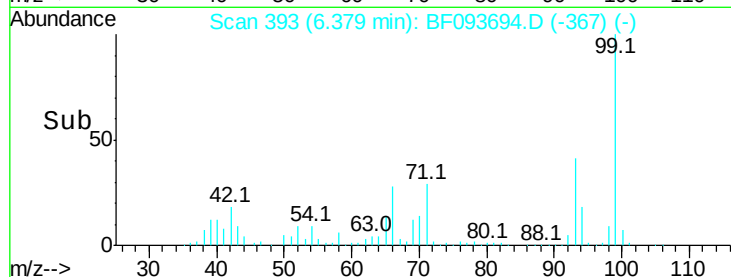
71 29.1 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.17 ng

RT: 6.50 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF093694.D

Acq: 16 Mar 2017 6:02

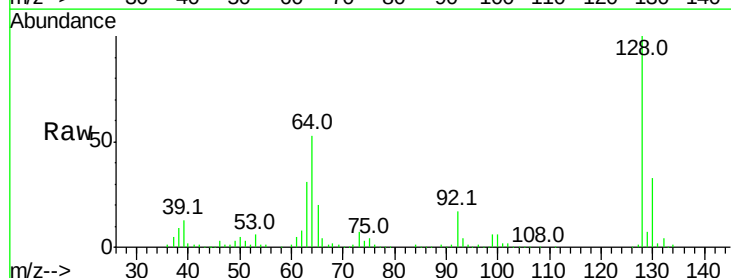
Tgt Ion: 128 Resp: 425620

Ion Ratio Lower Upper

128 100

130 32.8 12.3 52.3

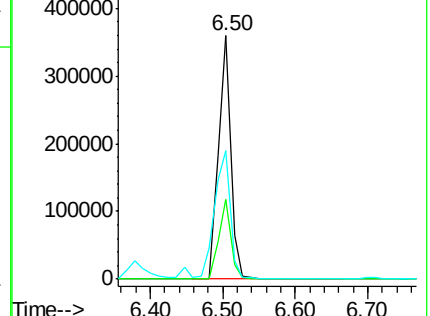
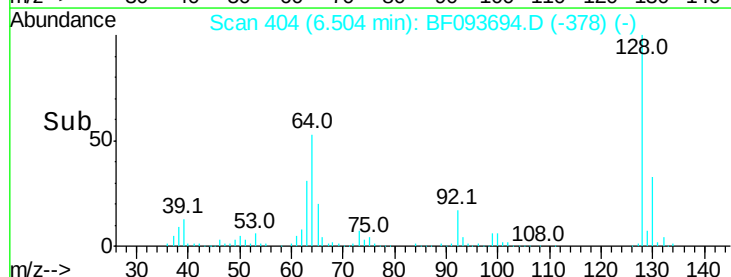
64 52.7 32.2 72.2

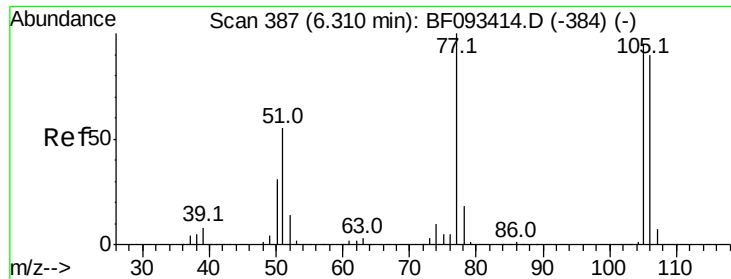


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 29.63 ng

RT: 6.26 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF093694.D

Acq: 16 Mar 2017 6:02

Instrument :

BNA_F

ClientSampleId :

PB97590BSD

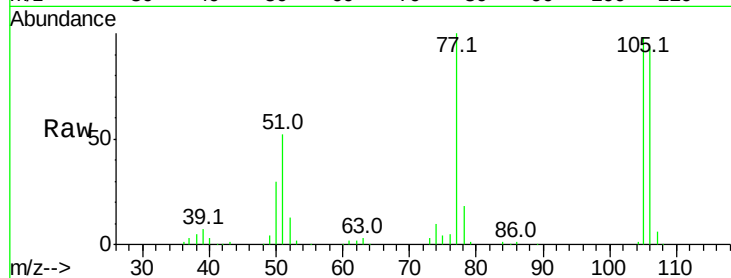
Tot Ion: 77 Resp: 228113

Ion Ratio Lower Upper

77 100

105 98.2 83.9 123.9

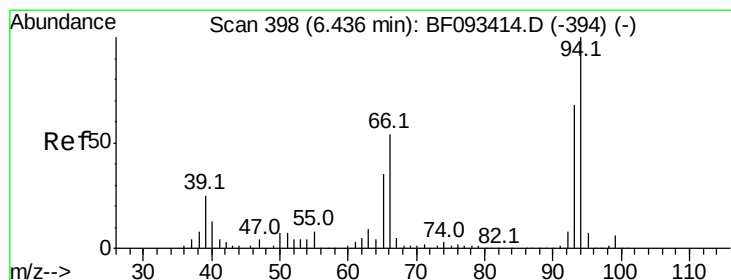
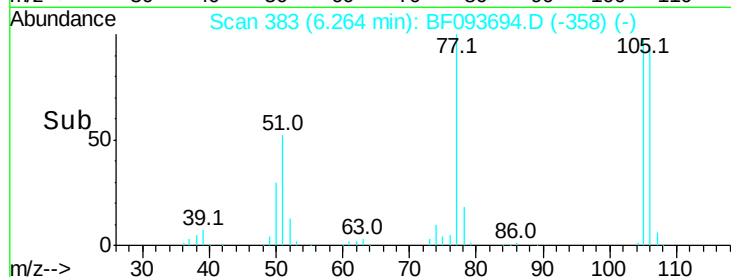
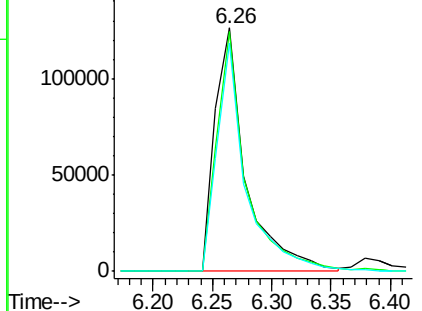
106 93.5 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 44.18 ng

RT: 6.39 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF093694.D

Acq: 16 Mar 2017 6:02

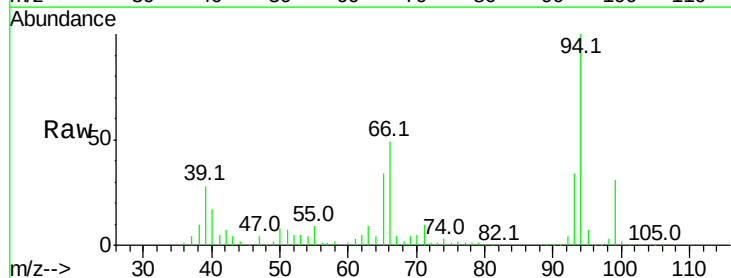
Tgt Ion: 94 Resp: 615023

Ion Ratio Lower Upper

94 100

65 34.2 21.4 61.4

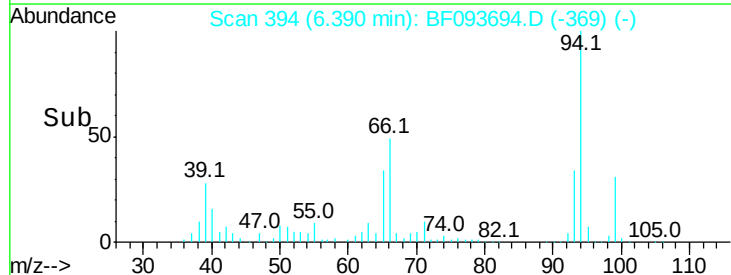
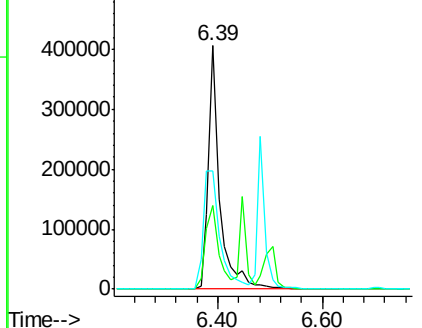
66 48.7 44.0 84.0

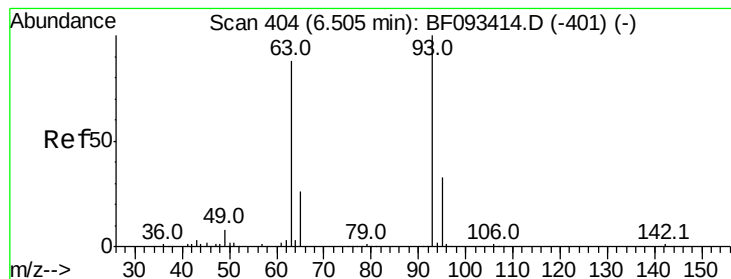


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 42.84 ng

RT: 6.45 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF093694.D

Acq: 16 Mar 2017 6:02

Instrument :

BNA_F

ClientSampleId :

PB97590BSD

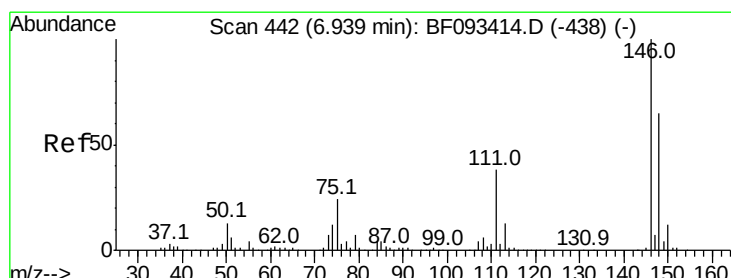
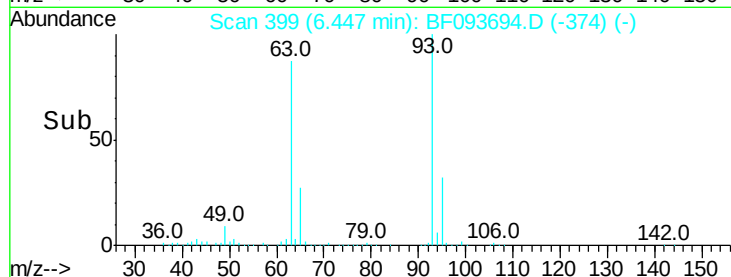
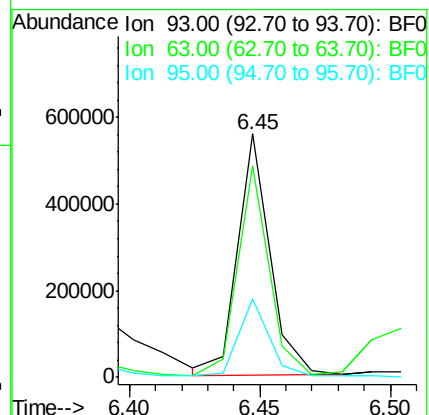
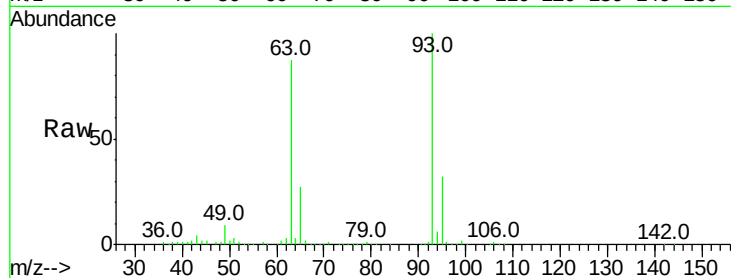
Tot Ion: 93 Resp: 482018

Ion Ratio Lower Upper

93 100

63 87.0 60.4 100.4

95 32.1 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 35.99 ng

RT: 6.88 min Scan# 437

Delta R.T. 0.23 min

Lab File: BF093694.D

Acq: 16 Mar 2017 6:02

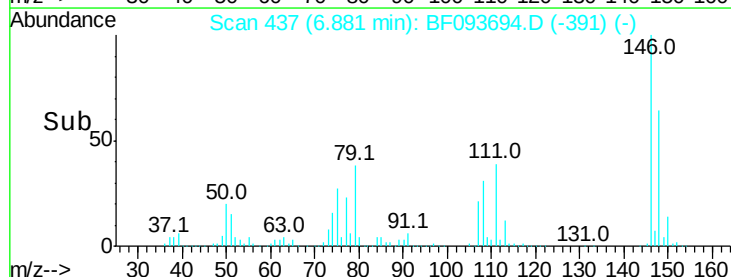
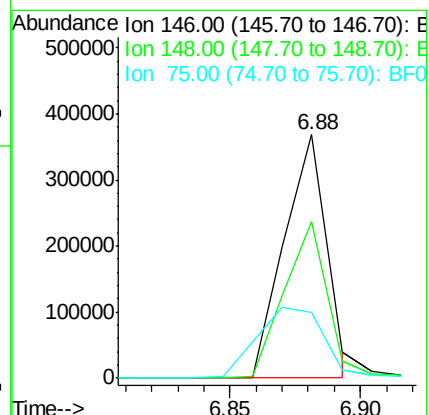
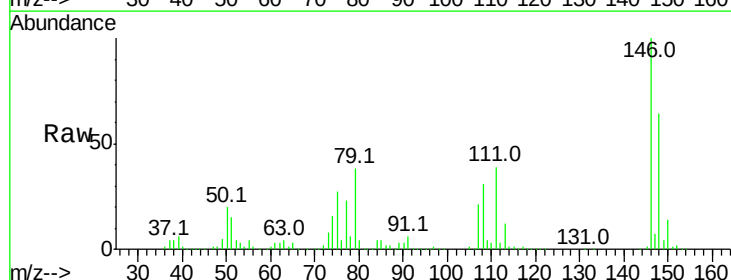
Tgt Ion: 146 Resp: 415822

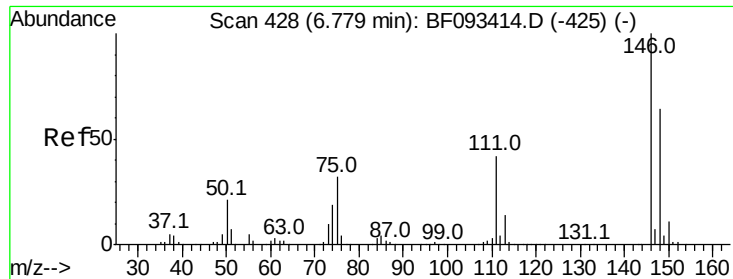
Ion Ratio Lower Upper

146 100

148 64.5 53.4 80.0

75 27.0 18.5 27.7

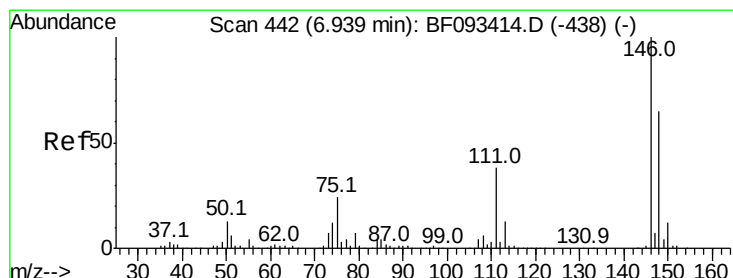
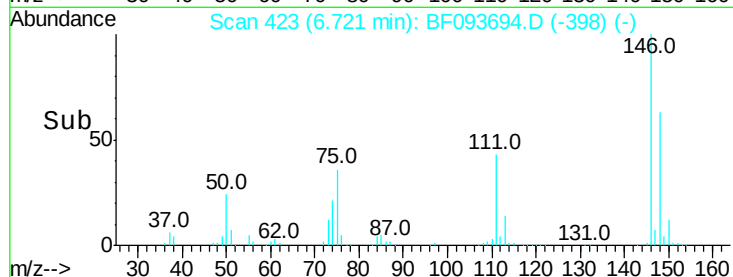
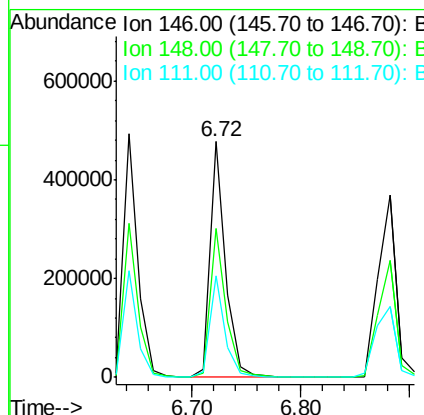
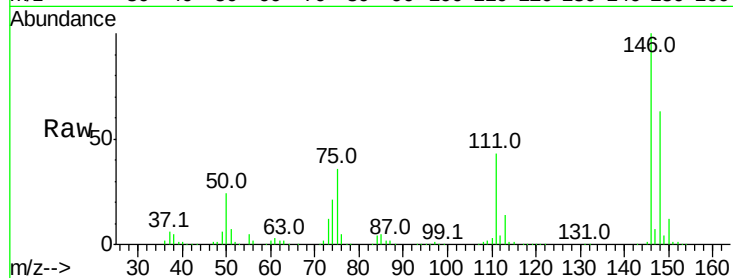




#13
 1,4-Dichlorobenzene
 Concen: 40.40 ng
 RT: 6.72 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: BF093694.D
 Acq: 16 Mar 2017 6:02

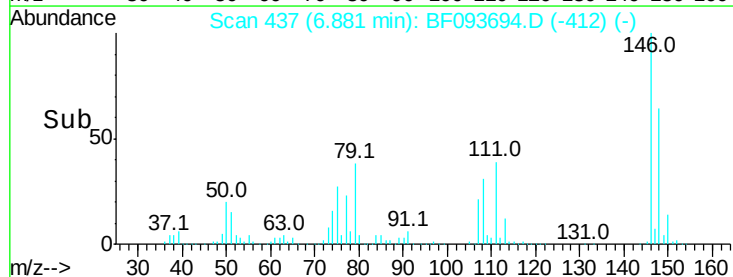
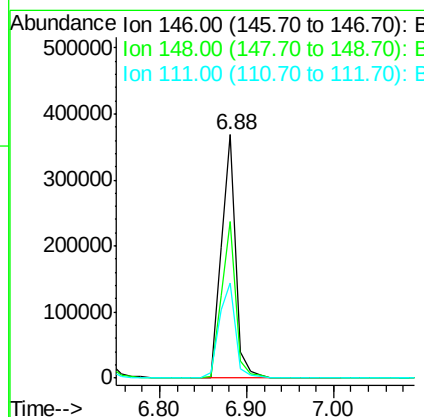
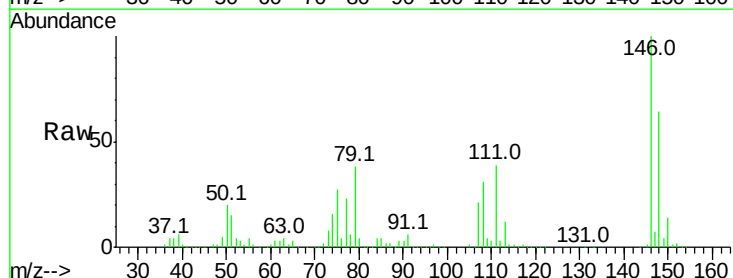
Instrument :
 BNA_F
 ClientSampleId :
 PB97590BSD

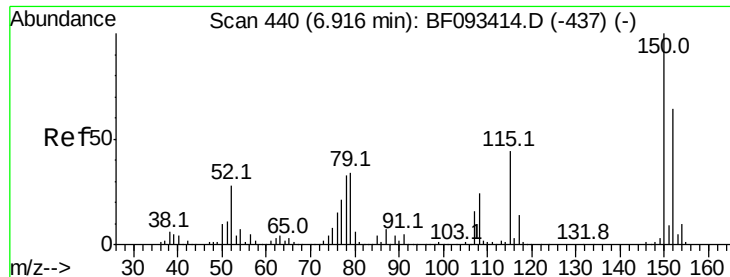
Tot Ion:146 Resp: 477850
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.6 76.0
 111 43.3 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 41.06 ng
 RT: 6.88 min Scan# 437
 Delta R.T. -0.01 min
 Lab File: BF093694.D
 Acq: 16 Mar 2017 6:02

Tgt Ion:146 Resp: 430104
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.2 78.2
 111 38.9 36.2 54.2





#15

Benzyl Alcohol

Concen: 35.64 ng

RT: 6.88 min Scan# 437

Delta R.T. -0.00 min

Lab File: BF093694.D

Acq: 16 Mar 2017 6:02

Instrument :

BNA_F

ClientSampleId :

PB97590BSD

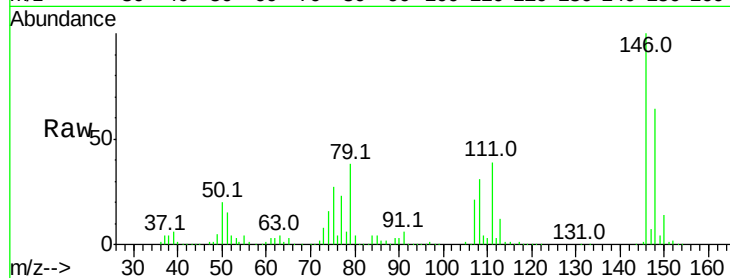
Tot Ion: 79 Resp: 288651

Ion Ratio Lower Upper

79 100

108 81.3 61.4 92.0

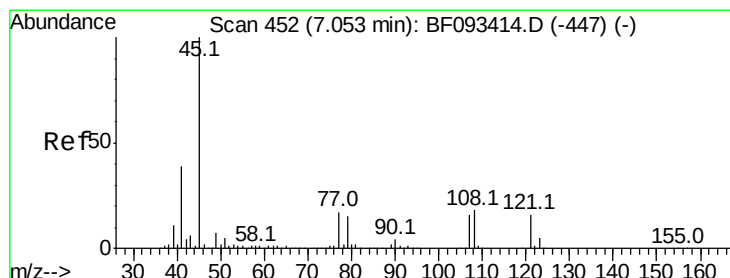
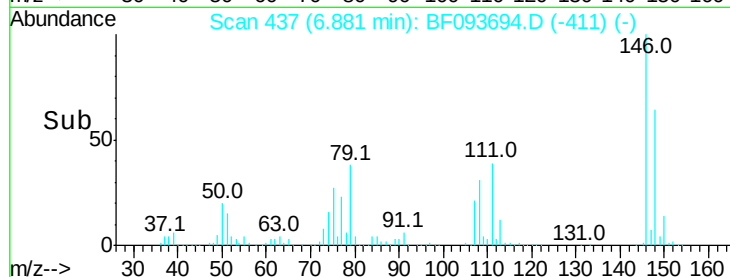
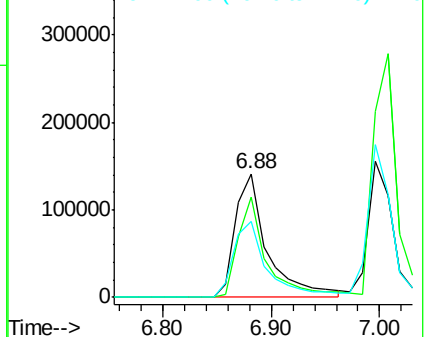
77 61.4 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.94 ng

RT: 7.00 min Scan# 447

Delta R.T. -0.01 min

Lab File: BF093694.D

Acq: 16 Mar 2017 6:02

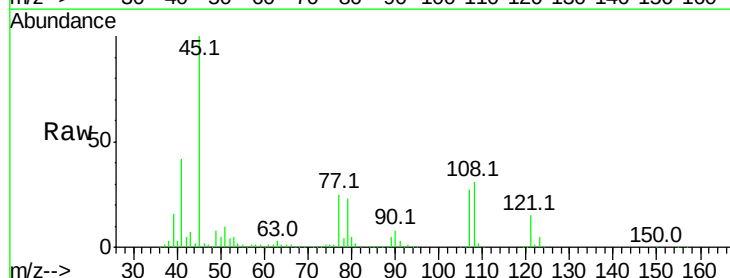
Tgt Ion: 45 Resp: 802636

Ion Ratio Lower Upper

45 100

77 25.5 0.0 34.6

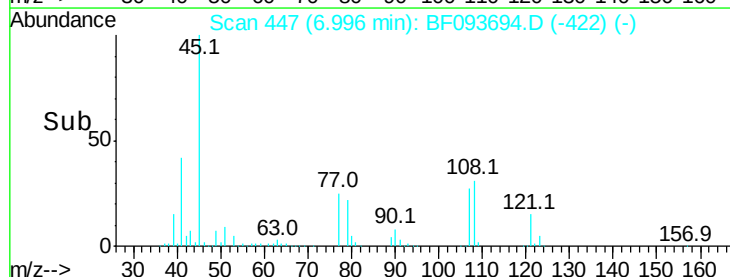
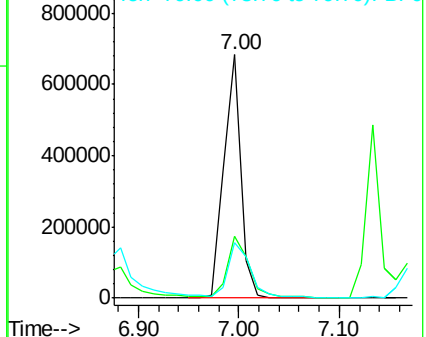
79 22.7 0.0 31.2

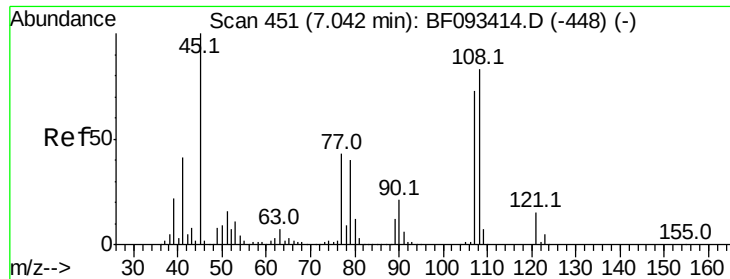


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 42.22 ng

RT: 7.01 min Scan# 448

Delta R.T. -0.00 min

Lab File: BF093694.D

Acq: 16 Mar 2017 6:02

Instrument :

BNA_F

ClientSampleId :

PB97590BSD

Tot Ion:107 Resp: 360497

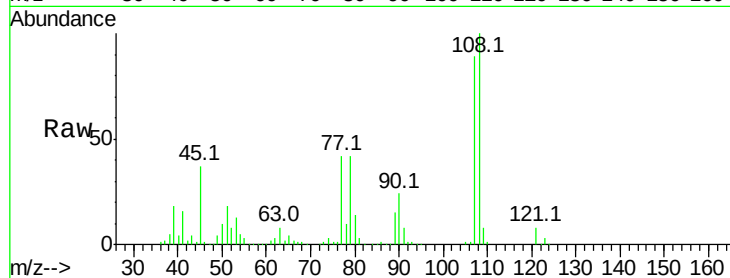
Ion Ratio Lower Upper

107 100

108 113.0 93.0 139.6

77 47.7 39.8 59.8

79 47.3 38.0 57.0

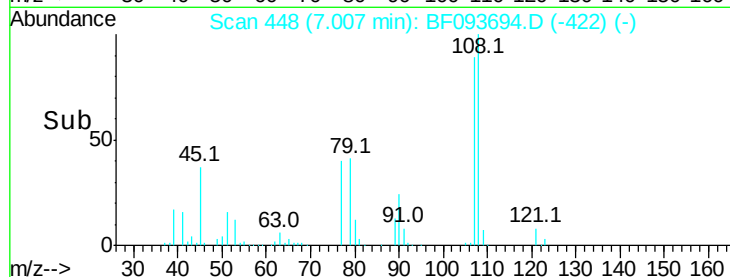


Abundance Ion 107.00 (106.70 to 107.70): E

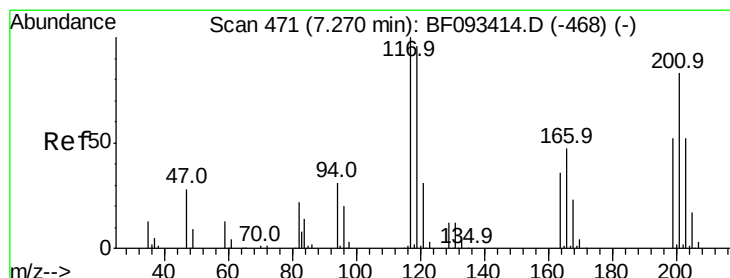
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 37.57 ng

RT: 7.21 min Scan# 466

Delta R.T. -0.01 min

Lab File: BF093694.D

Acq: 16 Mar 2017 6:02

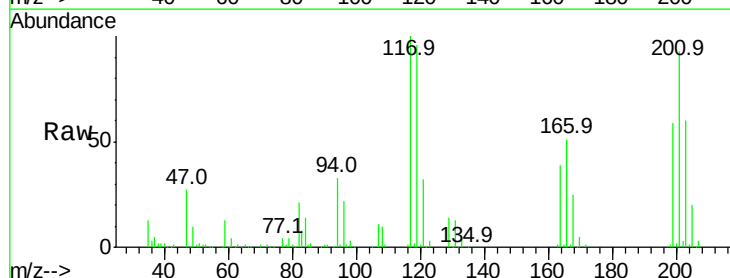
Tgt Ion:117 Resp: 149892

Ion Ratio Lower Upper

117 100

119 96.4 78.1 117.1

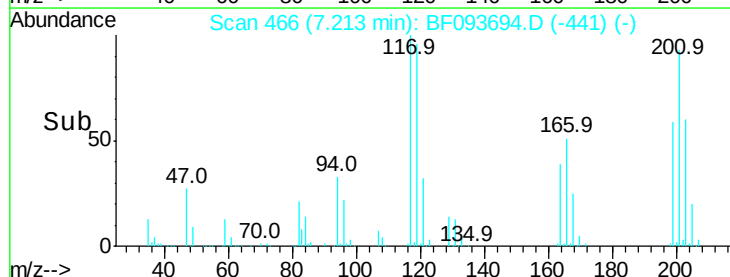
201 92.5 78.6 117.8



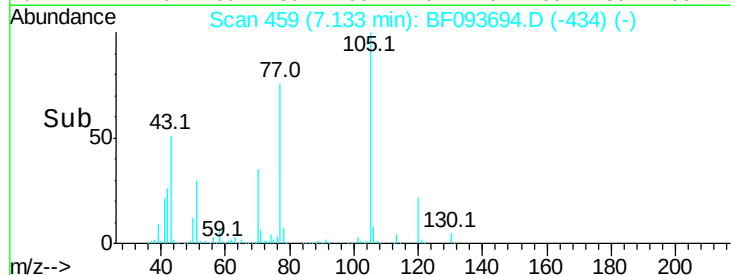
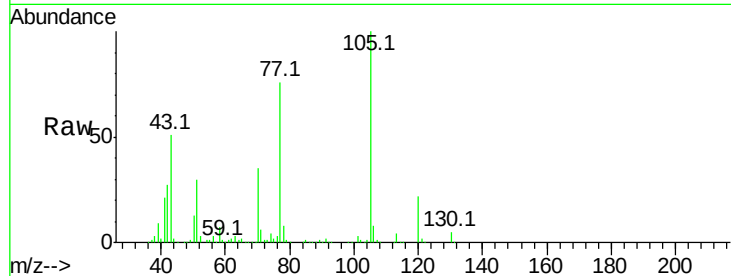
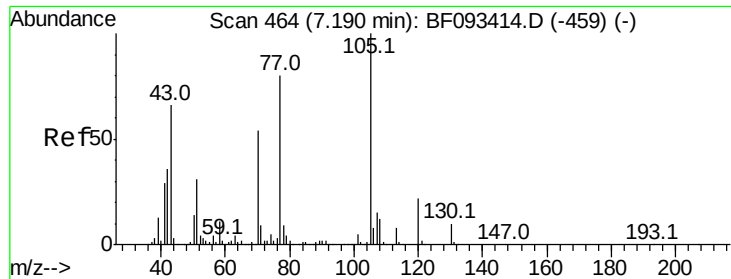
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



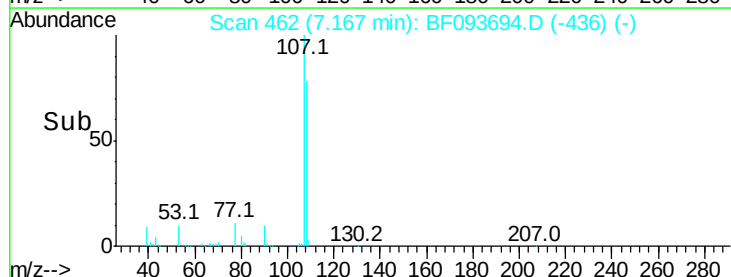
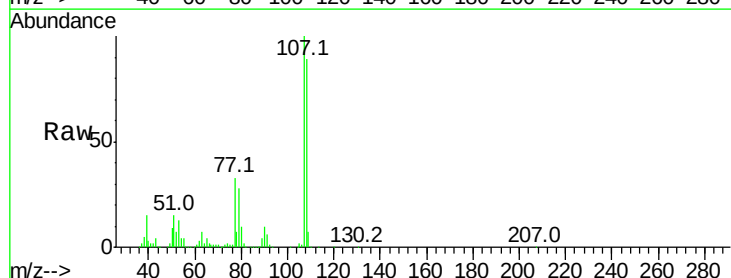
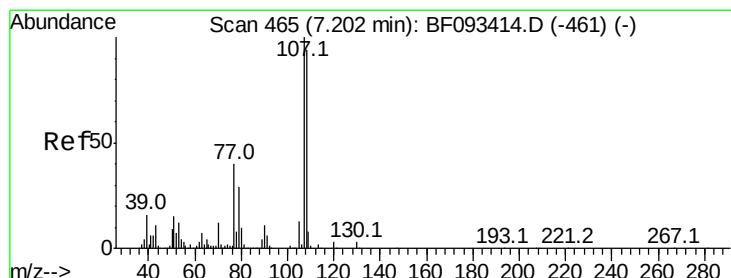
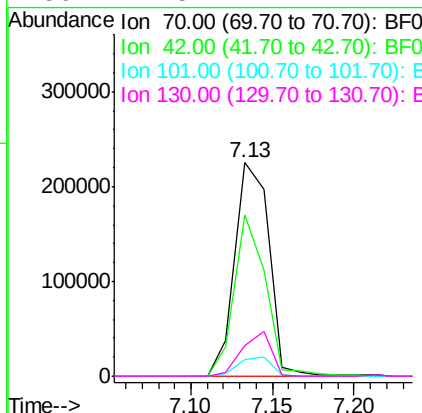
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 41.76 ng
RT: 7.13 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF093694.D
Acq: 16 Mar 2017 6:02

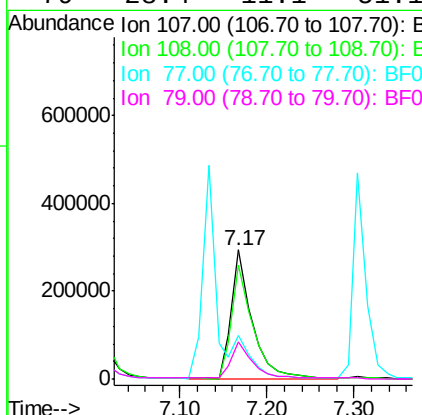
Instrument :
BNA_F
ClientSampleId :
PB97590BSD

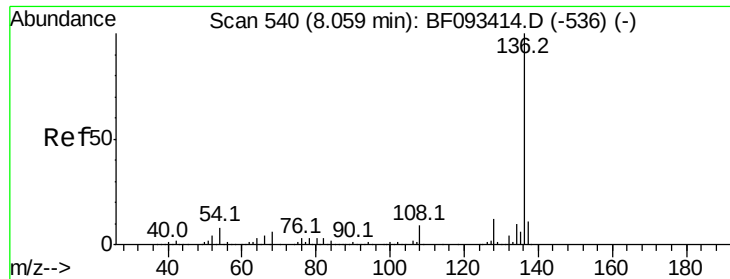
Tot Ion: 70 Resp: 326174
Ion Ratio Lower Upper
70 100
42 75.5 49.4 74.0#
101 7.7 7.4 11.2
130 14.5 14.2 21.4



#20
3+4-Methylphenols
Concen: 44.03 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF093694.D
Acq: 16 Mar 2017 6:02

Tgt Ion: 107 Resp: 487473
Ion Ratio Lower Upper
107 100
108 88.7 73.0 113.0
77 33.5 71.3 111.3#
79 28.4 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF093694.D

Acq: 16 Mar 2017 6:02

Instrument :

BNA_F

ClientSampleId :

PB97590BSD

Tot Ion:136 Resp: 581055

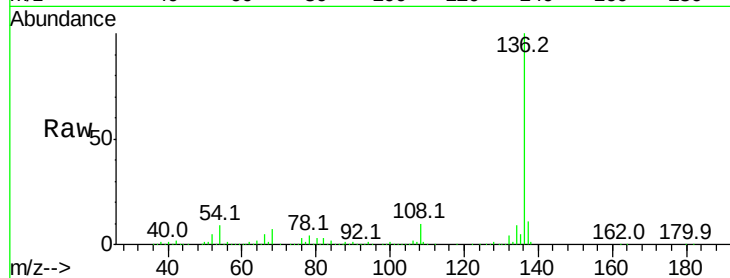
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 9.4 4.5 6.7#

68 6.8 3.6 5.4#

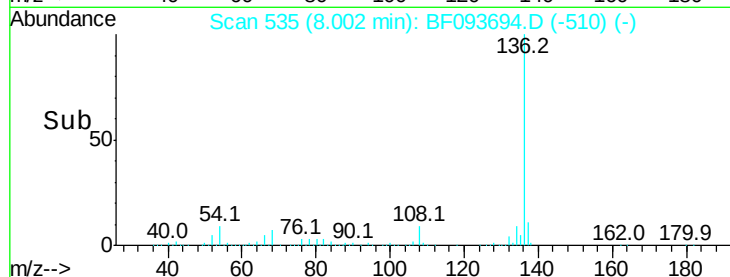


Abundance Ion 136.00 (135.70 to 136.70): E

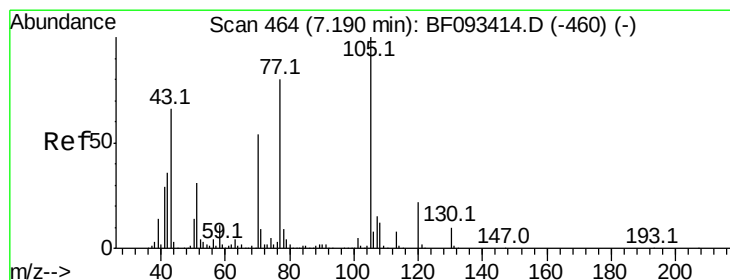
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 43.31 ng

RT: 7.13 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF093694.D

Acq: 16 Mar 2017 6:02

Tgt Ion:105 Resp: 605654

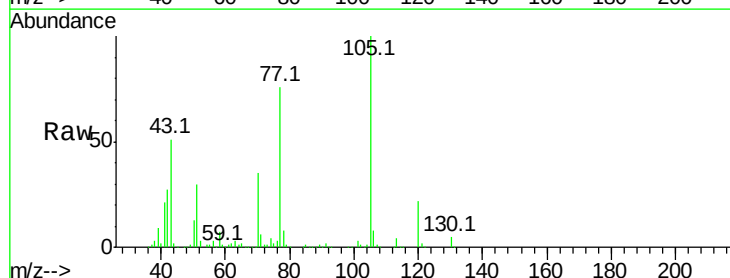
Ion Ratio Lower Upper

105 100

71 5.9 3.2 4.8#

51 30.0 26.2 39.4

120 21.8 16.6 24.8

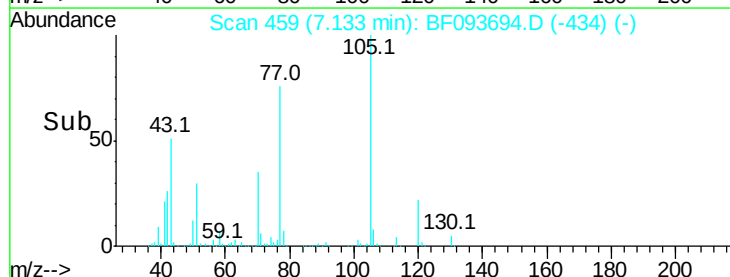


Abundance Ion 105.00 (104.70 to 105.70): E

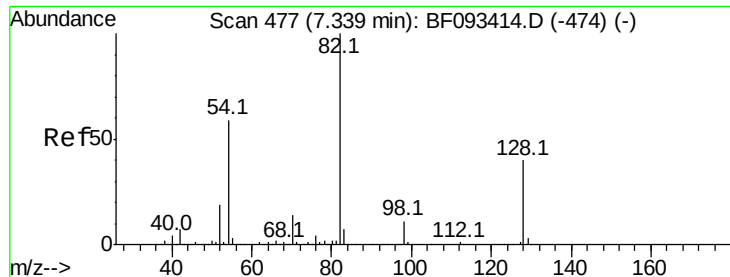
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



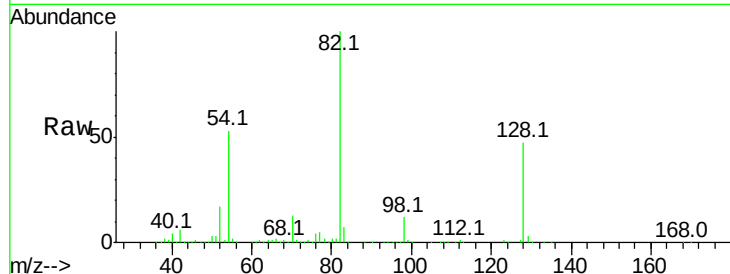
Time-->



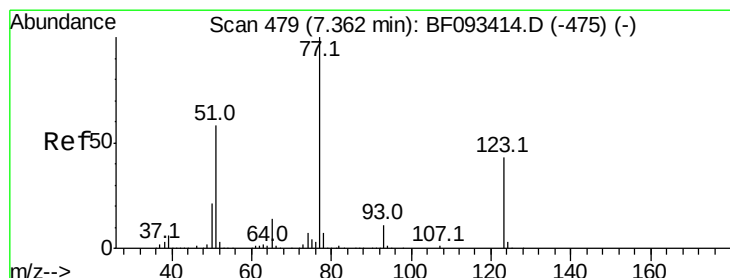
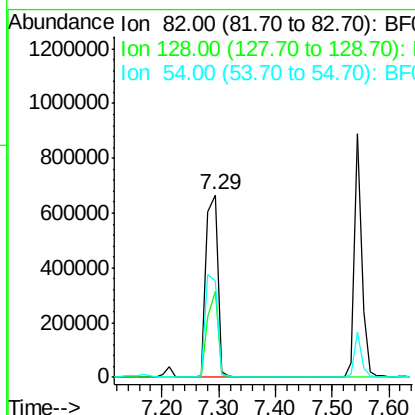
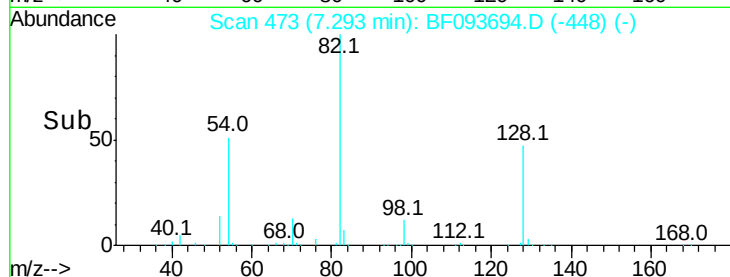
#23
Nitrobenzene-d5
Concen: 86.47 ng
RT: 7.29 min Scan# 473
Delta R.T. -0.01 min
Lab File: BF093694.D
Acq: 16 Mar 2017 6:02

Instrument :
BNA_F
ClientSampleId :
PB97590BSD

Tot Ion: 82 Resp: 905522
Ion Ratio Lower Upper
82 100
128 46.9 34.6 52.0
54 52.8 39.5 59.3

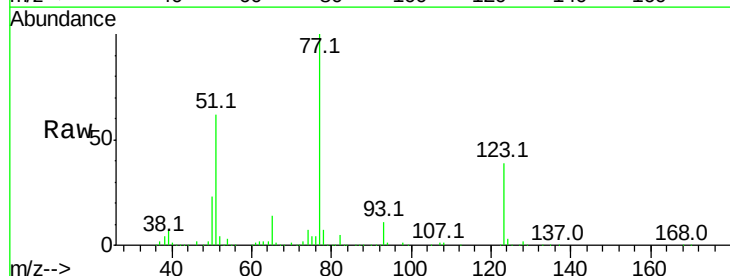


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

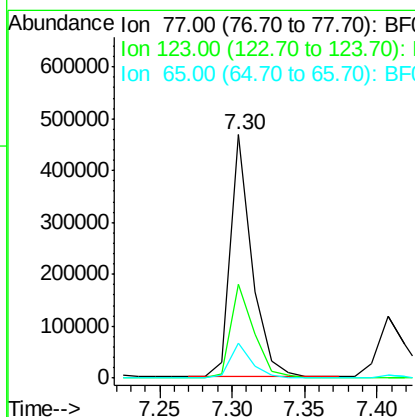
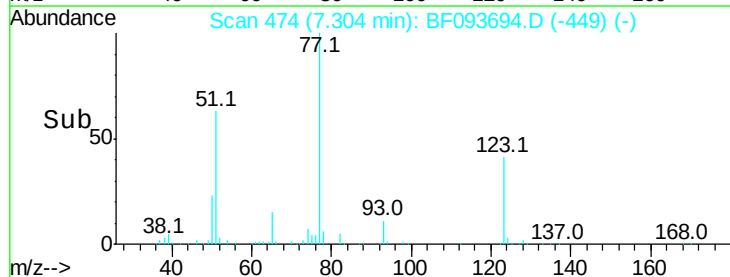


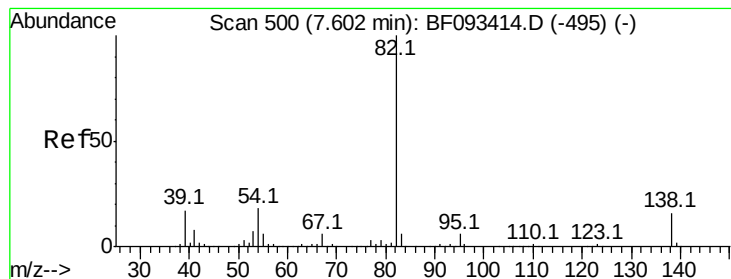
#24
Nitrobenzene
Concen: 41.11 ng
RT: 7.30 min Scan# 474
Delta R.T. -0.01 min
Lab File: BF093694.D
Acq: 16 Mar 2017 6:02

Tgt Ion: 77 Resp: 483857
Ion Ratio Lower Upper
77 100
123 38.5 33.0 49.4
65 14.3 11.2 16.8



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





#25

Isophorone

Concen: 39.75 ng

RT: 7.54 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF093694.D

Acq: 16 Mar 2017 6:02

Instrument :

BNA_F

ClientSampleId :

PB97590BSD

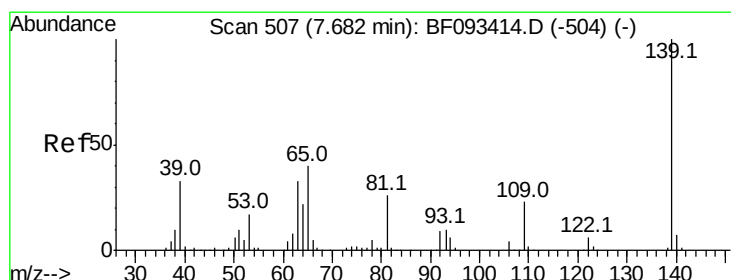
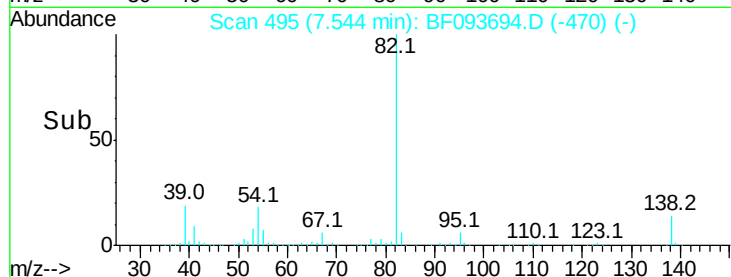
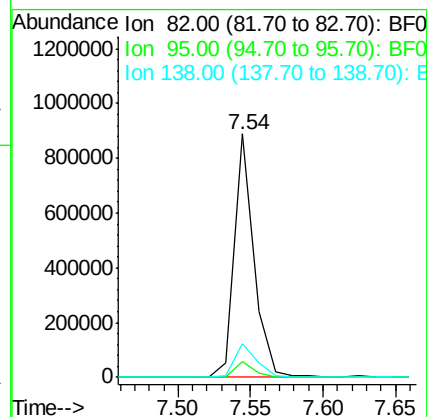
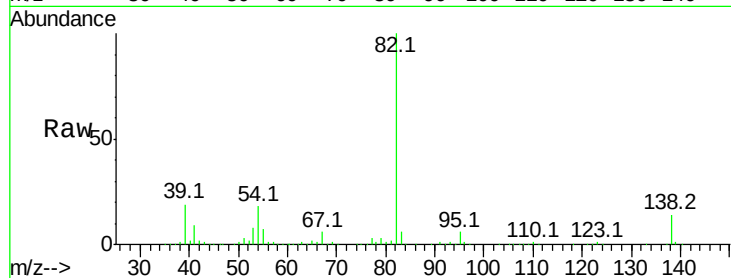
Tot Ion: 82 Resp: 839419

Ion Ratio Lower Upper

82 100

95 6.4 5.6 8.4

138 13.8 14.6 22.0#



#26

2-Nitrophenol

Concen: 38.17 ng

RT: 7.62 min Scan# 502

Delta R.T. -0.01 min

Lab File: BF093694.D

Acq: 16 Mar 2017 6:02

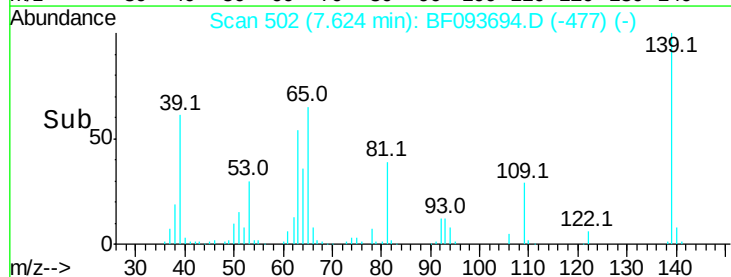
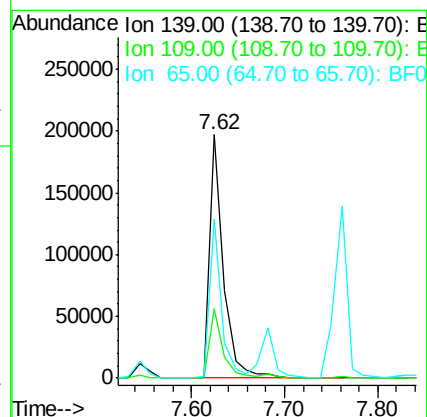
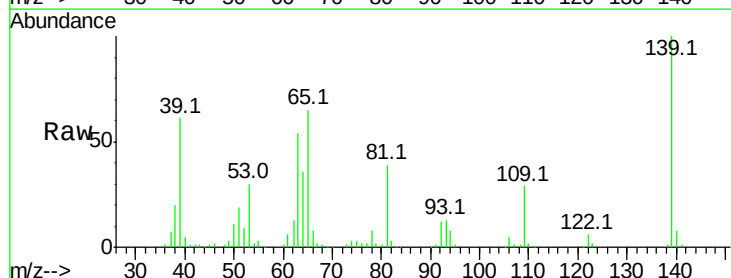
Tgt Ion: 139 Resp: 204983

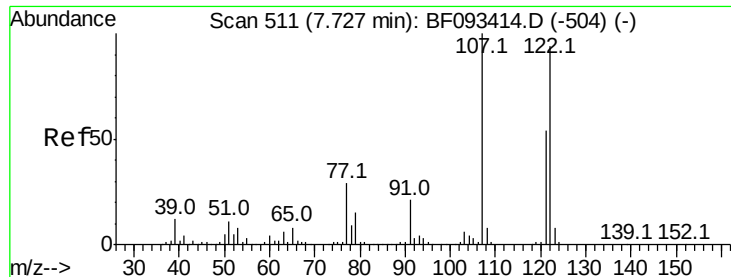
Ion Ratio Lower Upper

139 100

109 28.8 23.3 34.9

65 65.5 42.7 64.1#





#27

2,4-Dimethylphenol

Concen: 41.71 ng

RT: 7.68 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF093694.D

Acq: 16 Mar 2017 6:02

Instrument :

BNA_F

ClientSampleId :

PB97590BSD

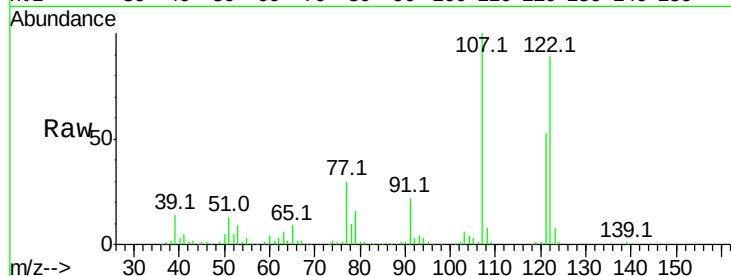
Tot Ion:122 Resp: 364371

Ion Ratio Lower Upper

122 100

107 112.0 94.1 141.1

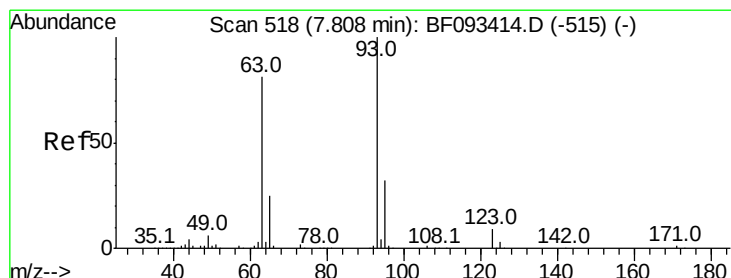
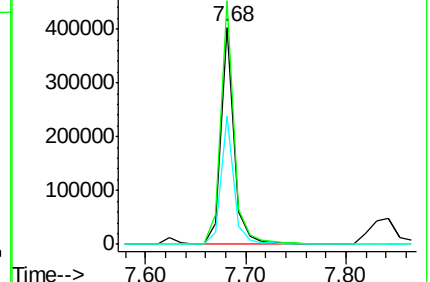
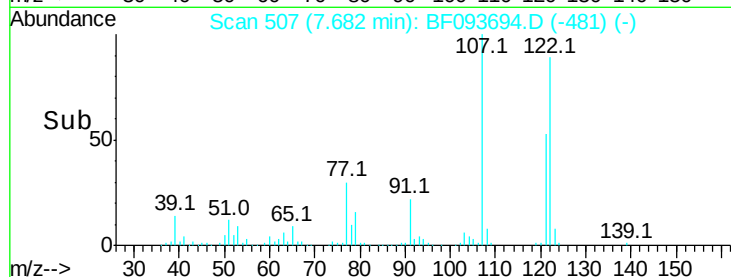
121 58.9 46.0 69.0



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: 43.39 ng

RT: 7.76 min Scan# 514

Delta R.T. -0.01 min

Lab File: BF093694.D

Acq: 16 Mar 2017 6:02

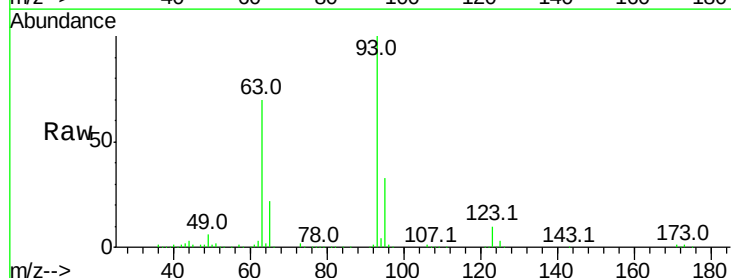
Tgt Ion: 93 Resp: 578399

Ion Ratio Lower Upper

93 100

95 32.6 26.5 39.7

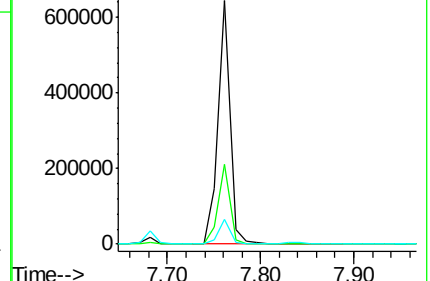
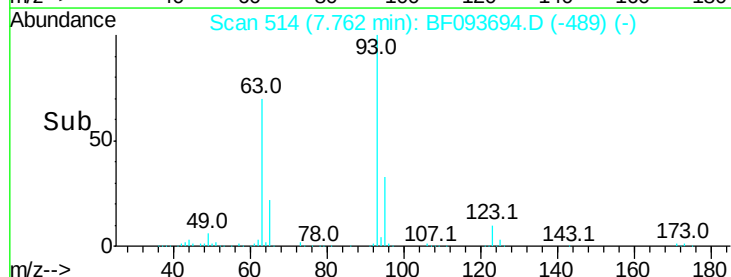
123 10.1 8.6 13.0

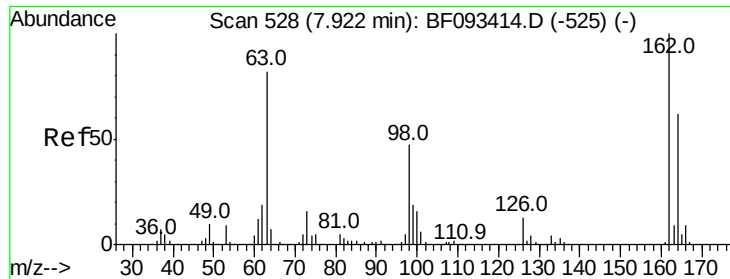


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

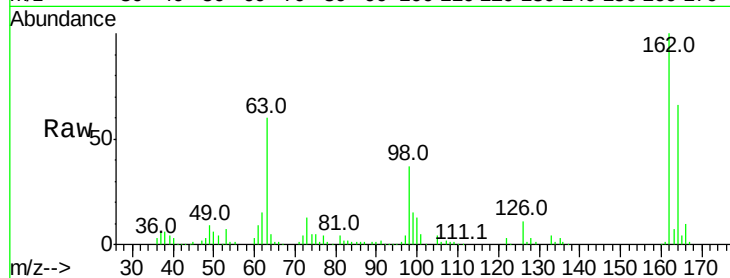




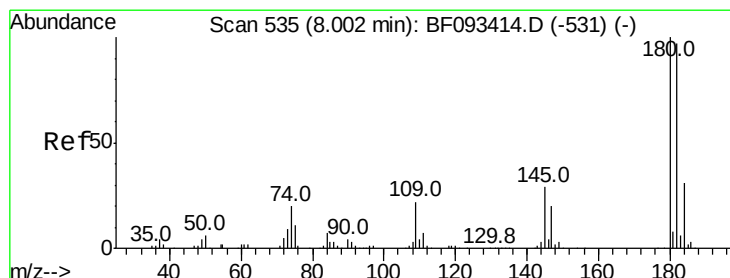
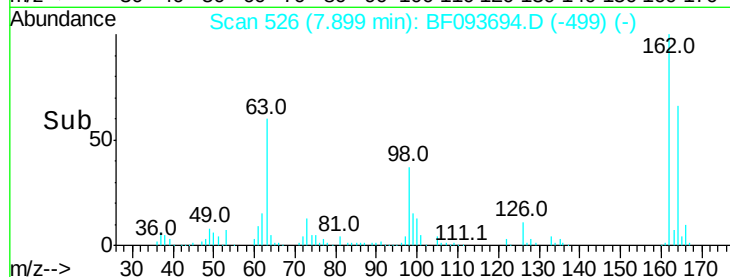
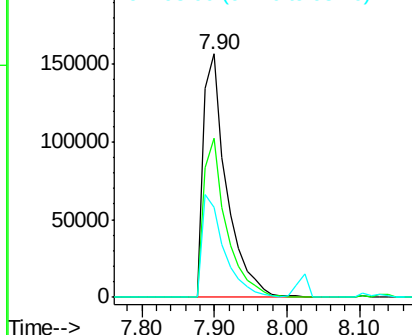
#29
 2,4-Dichlorophenol
 Concen: 42.34 ng
 RT: 7.90 min Scan# 526
 Delta R.T. 0.01 min
 Lab File: BF093694.D
 Acq: 16 Mar 2017 6:02

Instrument :
 BNA_F
 ClientSampleId :
 PB97590BSD

Tot Ion:162 Resp: 347973
 Ion Ratio Lower Upper
 162 100
 164 65.5 46.8 86.8
 98 36.9 9.1 49.1

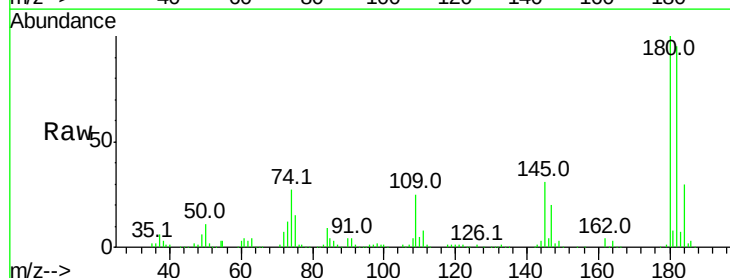


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

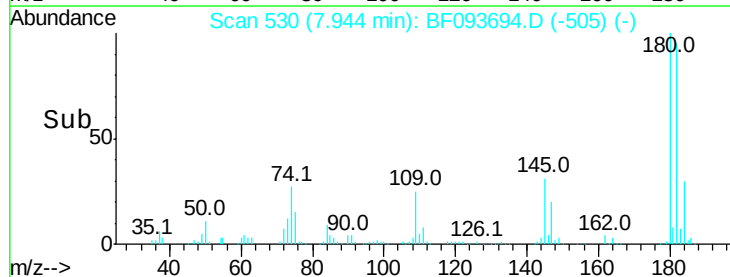
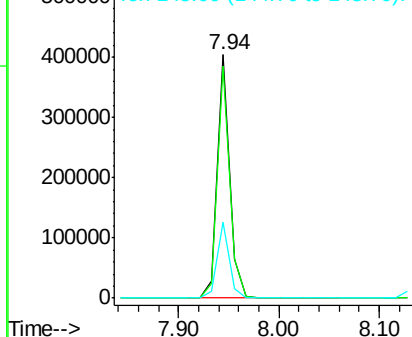


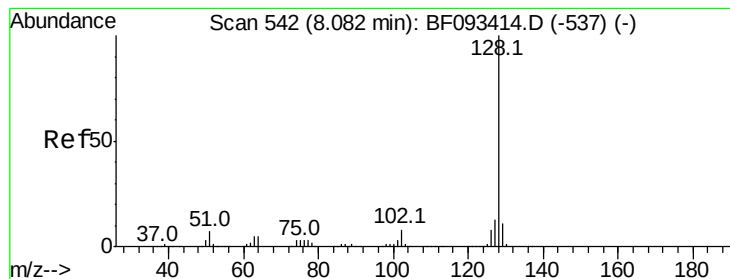
#30
 1,2,4-Trichlorobenzene
 Concen: 39.47 ng
 RT: 7.94 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: BF093694.D
 Acq: 16 Mar 2017 6:02

Tgt Ion:180 Resp: 345002
 Ion Ratio Lower Upper
 180 100
 182 95.3 78.2 117.4
 145 31.3 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: 38.76 ng

RT: 8.02 min Scan# 537

Delta R.T. -0.01 min

Lab File: BF093694.D

Acq: 16 Mar 2017 6:02

Instrument :

BNA_F

ClientSampleId :

PB97590BSD

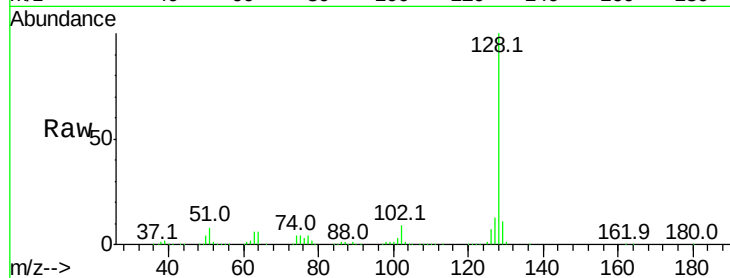
Tot Ion:128 Resp: 1128735

Ion Ratio Lower Upper

128 100

129 10.9 9.5 14.3

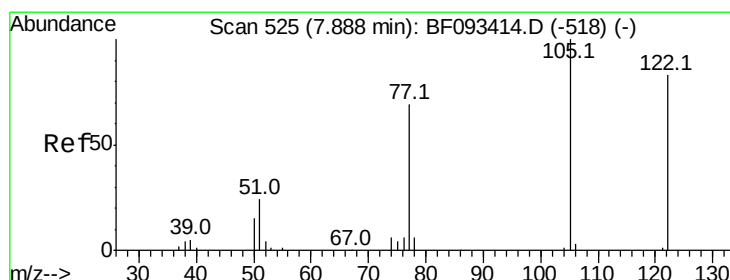
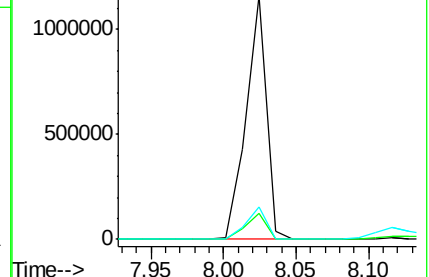
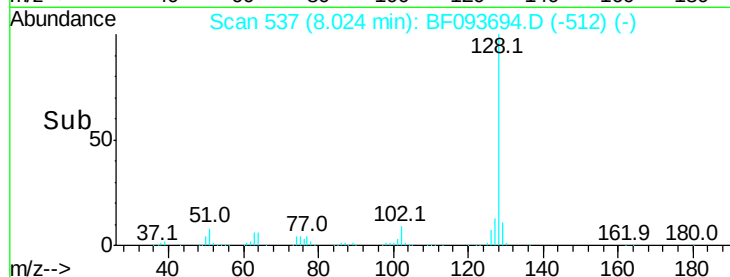
127 13.4 10.8 16.2



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: 25.01 ng

RT: 7.84 min Scan# 521

Delta R.T. -0.01 min

Lab File: BF093694.D

Acq: 16 Mar 2017 6:02

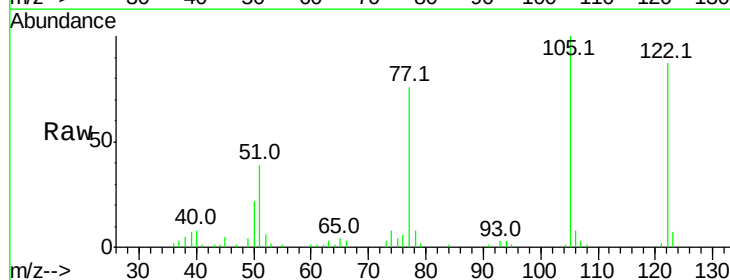
Tgt Ion:122 Resp: 113542

Ion Ratio Lower Upper

122 100

105 115.1 107.2 147.2

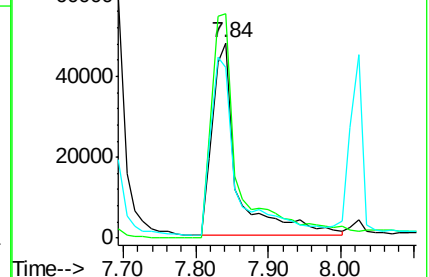
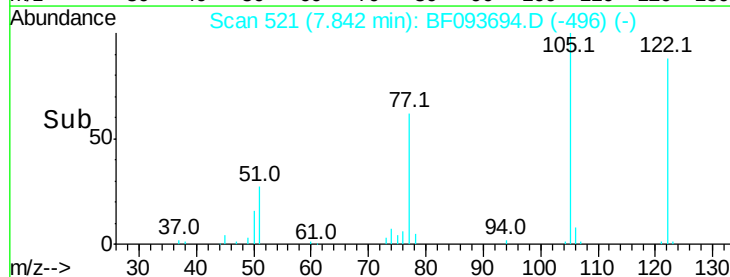
77 87.5 74.5 114.5

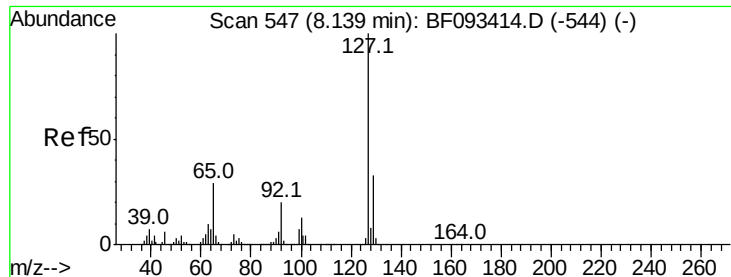


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

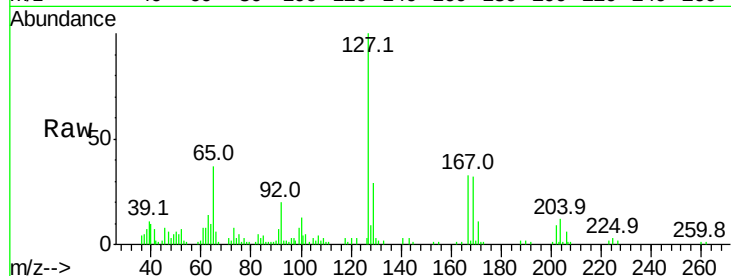




#33
4-Chloroaniline
Concen: 12.48 ng
RT: 8.12 min Scan# 545
Delta R.T. 0.02 min
Lab File: BF093694.D
Acq: 16 Mar 2017 6:02

Instrument :
BNA_F
ClientSampleId :
PB97590BSD

Tot Ion:	127	Resp:	147430
Ion	Ratio	Lower	Upper
127	100		
129	28.6	26.3	39.5
65	36.7	25.8	38.8
92	19.9	16.1	24.1

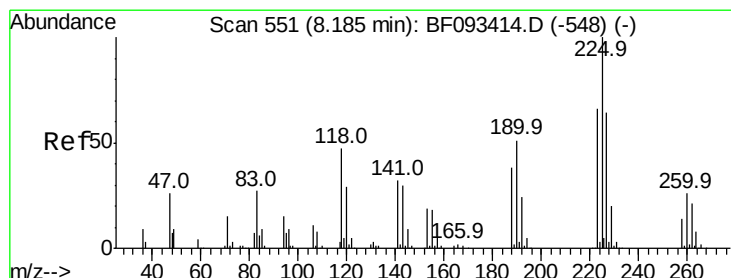
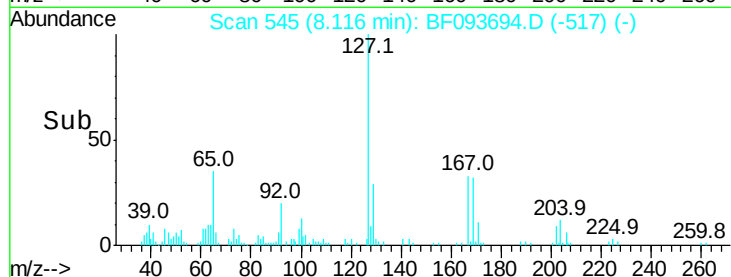
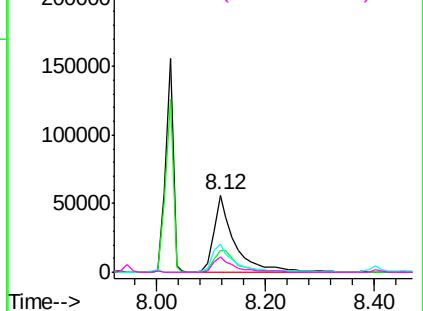


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

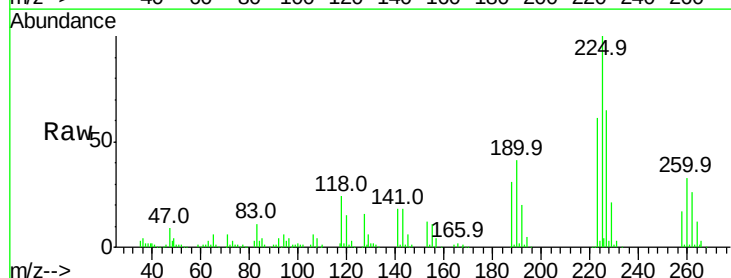
Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34
Hexachlorobutadiene
Concen: 40.94 ng
RT: 8.14 min Scan# 547
Delta R.T. -0.00 min
Lab File: BF093694.D
Acq: 16 Mar 2017 6:02

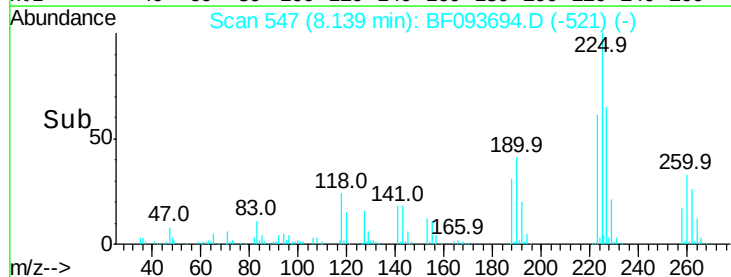
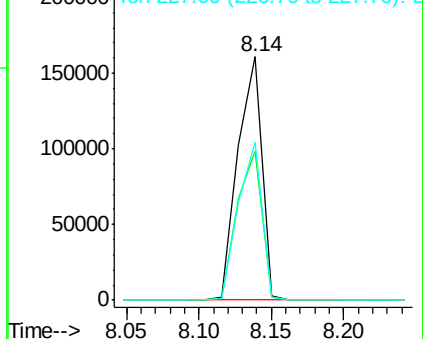
Tgt Ion:	225	Resp:	184288
Ion	Ratio	Lower	Upper
225	100		
223	61.4	51.0	76.6
227	64.8	50.6	76.0

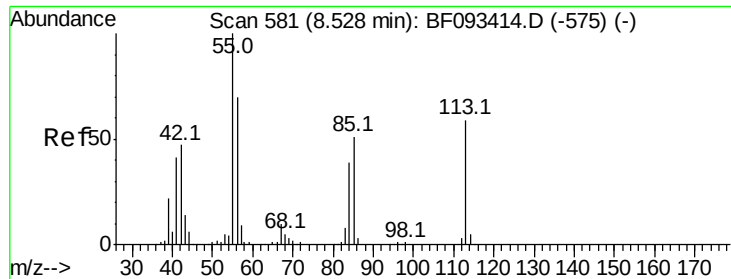


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 38.04 ng

RT: 8.47 min Scan# 576

Delta R.T. -0.00 min

Lab File: BF093694.D

Acq: 16 Mar 2017 6:02

Instrument :

BNA_F

ClientSampleId :

PB97590BSD

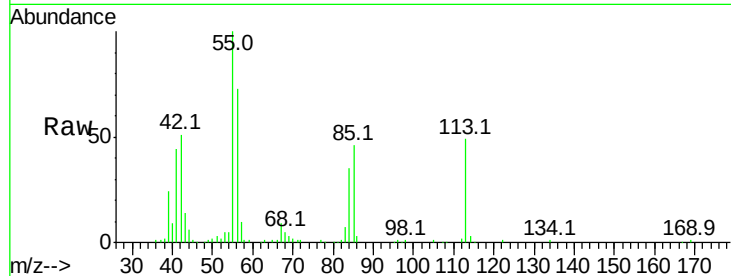
Tot Ion:113 Resp: 106769

Ion Ratio Lower Upper

113 100

55 204.9 119.2 159.2#

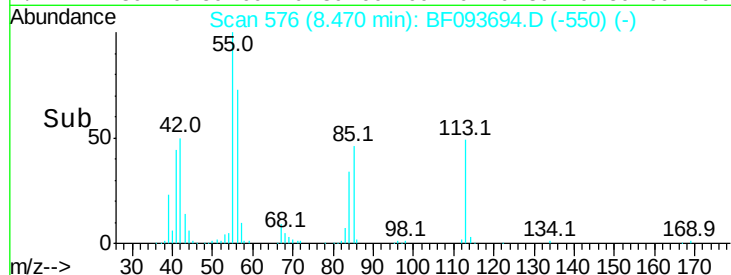
56 149.9 83.8 123.8#



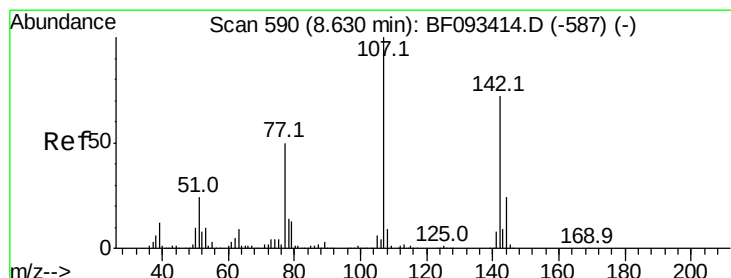
Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



Time-->



#36

4-Chloro-3-methylphenol

Concen: 37.14 ng

RT: 8.61 min Scan# 588

Delta R.T. 0.01 min

Lab File: BF093694.D

Acq: 16 Mar 2017 6:02

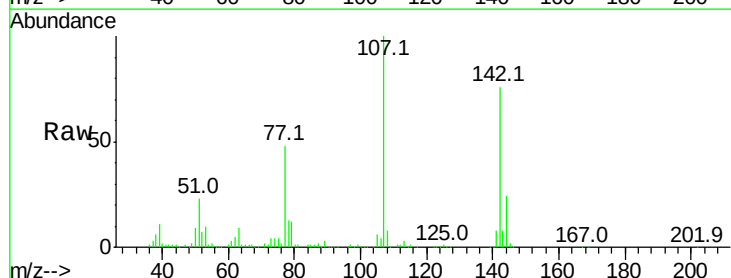
Tgt Ion:107 Resp: 325777

Ion Ratio Lower Upper

107 100

144 24.3 19.3 28.9

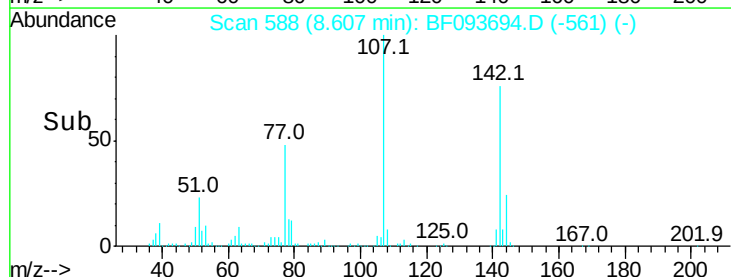
142 75.5 59.0 88.6



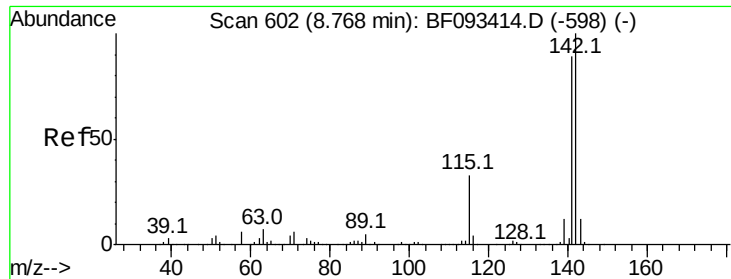
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



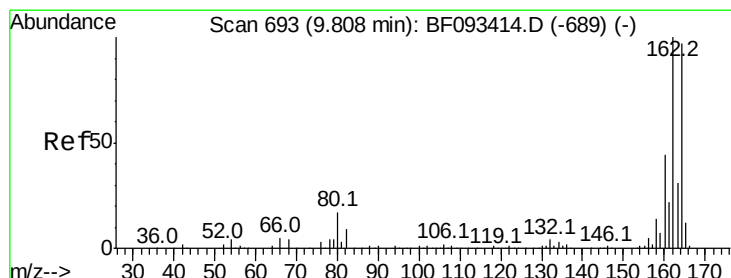
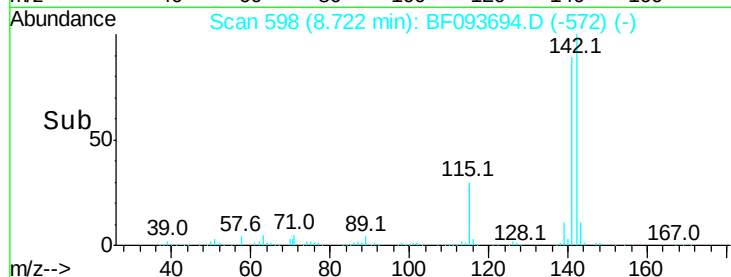
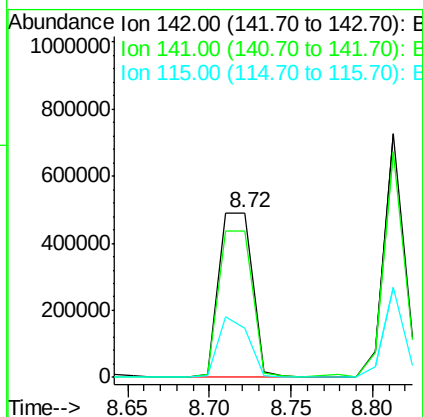
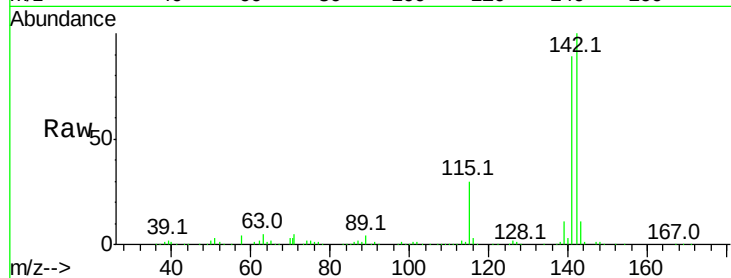
Time-->



#37
 2-Methylnaphthalene
 Concen: 37.26 ng
 RT: 8.72 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF093694.D
 Acq: 16 Mar 2017 6:02

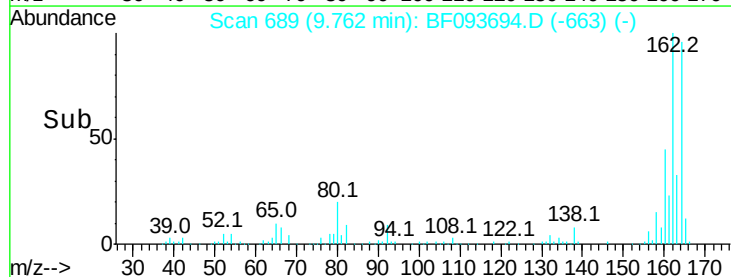
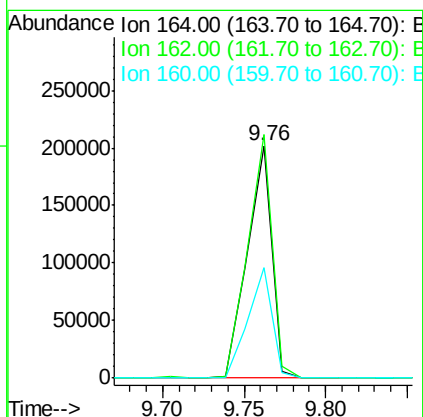
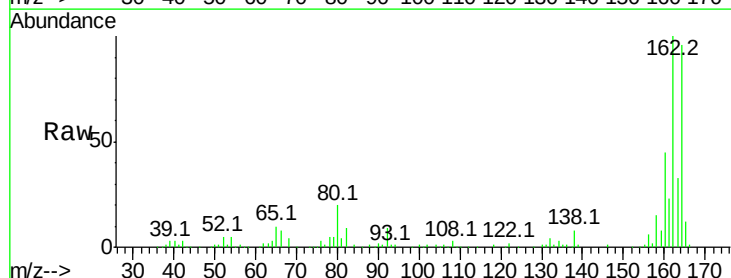
Instrument :
 BNA_F
 ClientSampleId :
 PB97590BSD

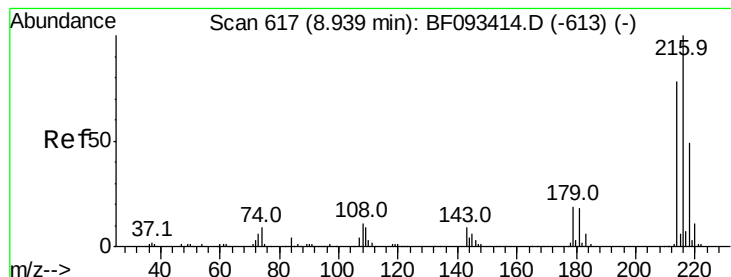
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.0	106.6
115	30.1	28.3	42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: BF093694.D
 Acq: 16 Mar 2017 6:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	80.2	120.2
160	47.3	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 51.33 ng

RT: 8.88 min Scan# 612

Delta R.T. -0.01 min

Lab File: BF093694.D

Acq: 16 Mar 2017 6:02

Instrument :

BNA_F

ClientSampleId :

PB97590BSD

Tot Ion:216 Resp: 293167

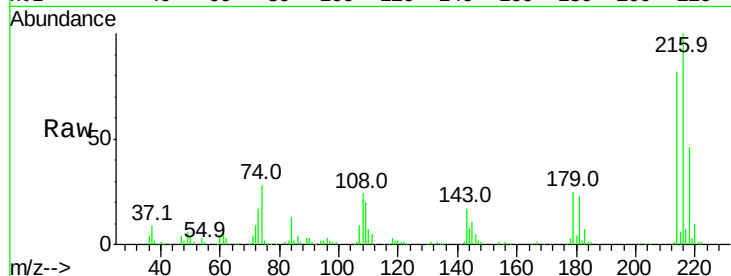
Ion Ratio Lower Upper

216 100

214 79.9 63.4 95.0

179 21.8 17.4 26.2

108 20.1 15.6 23.4

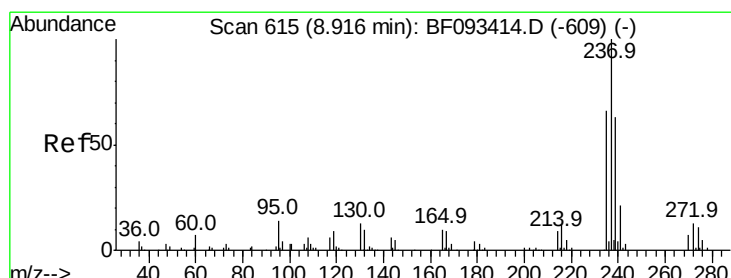
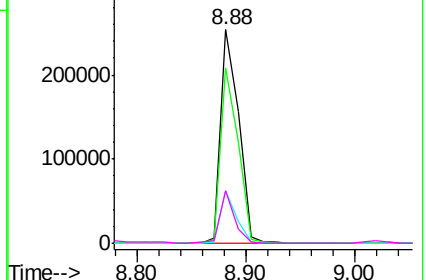
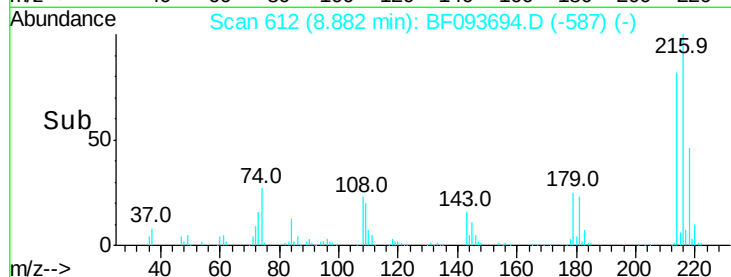


Abundance Ion 216.00 (215.70 to 216.70): E

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: 23.95 ng

RT: 8.86 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF093694.D

Acq: 16 Mar 2017 6:02

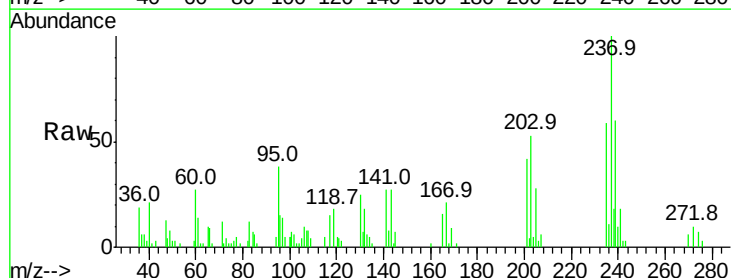
Tgt Ion:237 Resp: 20137

Ion Ratio Lower Upper

237 100

235 59.2 41.2 81.2

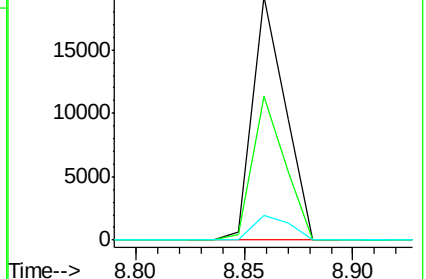
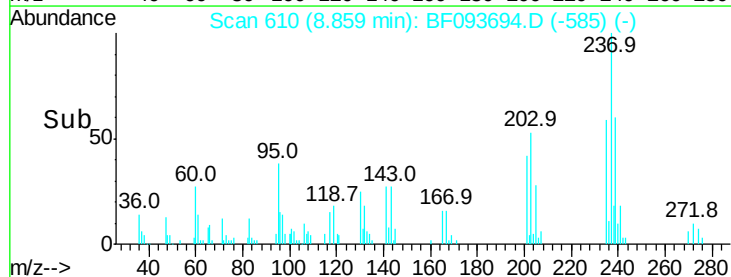
272 10.3 0.0 35.4

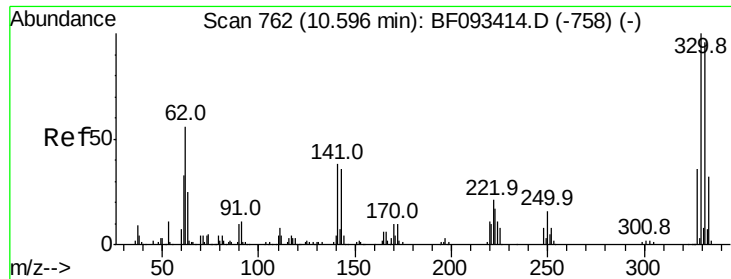


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

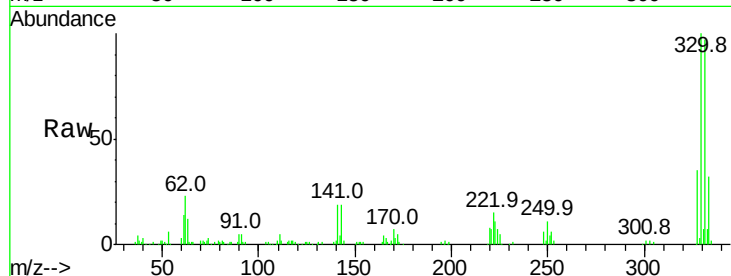




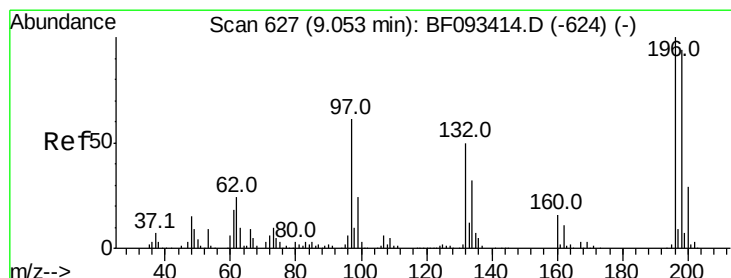
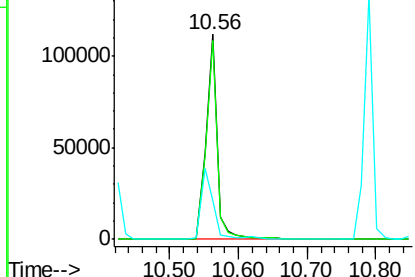
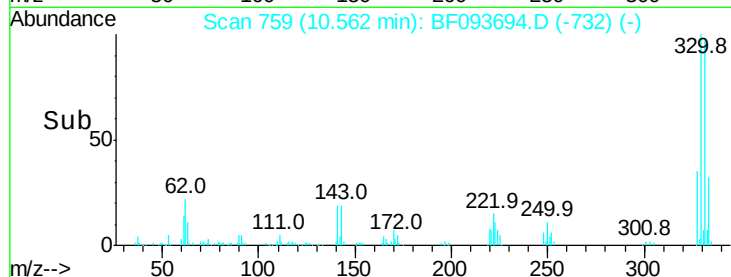
#41
 2,4,6-Tribromophenol
 Concen: 92.78 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093694.D
 Acq: 16 Mar 2017 6:02

Instrument :
 BNA_F
 ClientSampleId :
 PB97590BSD

Tot Ion:330 Resp: 126430
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.4 116.2
 141 35.6 34.1 51.1

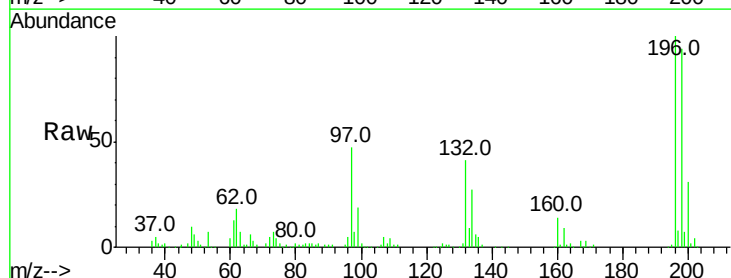


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

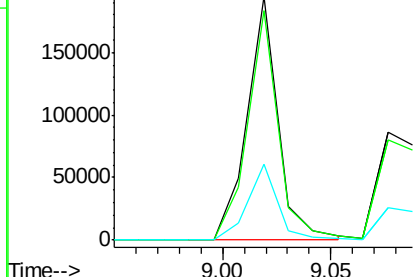
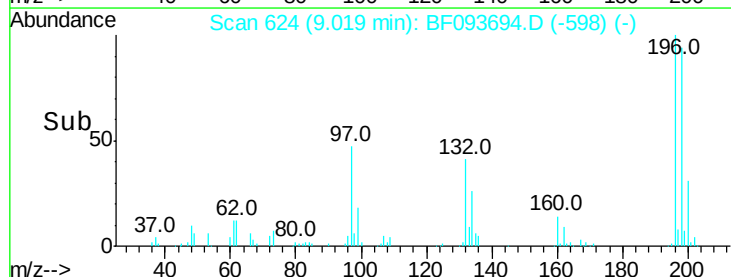


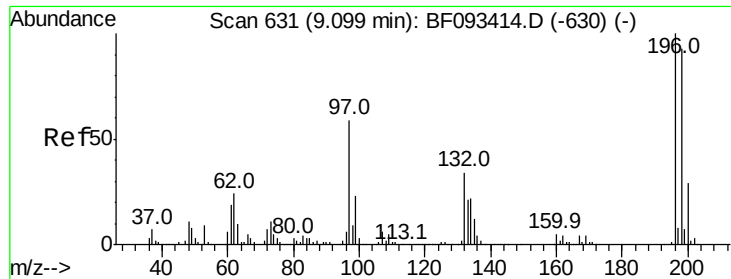
#42
 2,4,6-Trichlorophenol
 Concen: 54.10 ng
 RT: 9.02 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF093694.D
 Acq: 16 Mar 2017 6:02

Tgt Ion:196 Resp: 193044
 Ion Ratio Lower Upper
 196 100
 198 94.4 82.1 123.1
 200 31.3 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

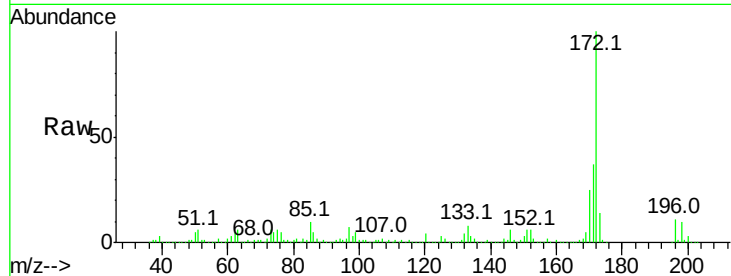




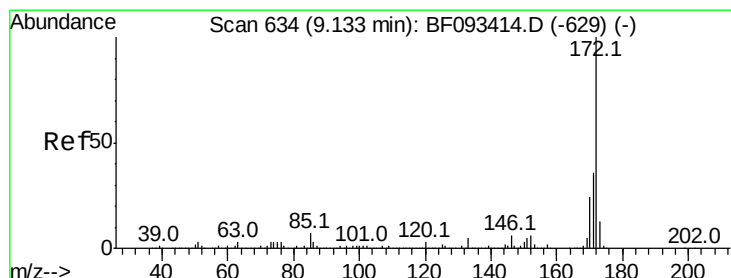
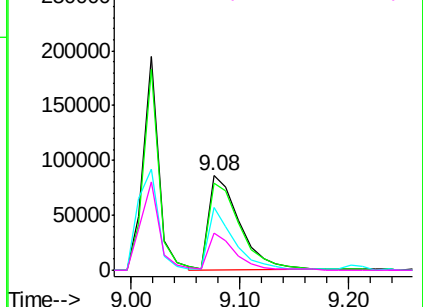
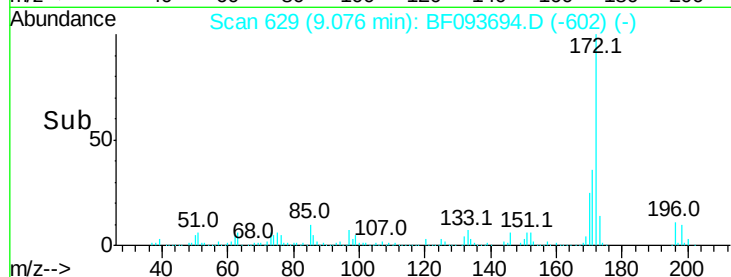
#43
 2,4,5-Trichlorophenol
 Concen: 44.00 ng
 RT: 9.08 min Scan# 629
 Delta R.T. 0.01 min
 Lab File: BF093694.D
 Acq: 16 Mar 2017 6:02

Instrument :
 BNA_F
 ClientSampleId :
 PB97590BSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.8	79.4	119.2
97	66.2	51.5	77.3
132	39.3	27.4	41.2

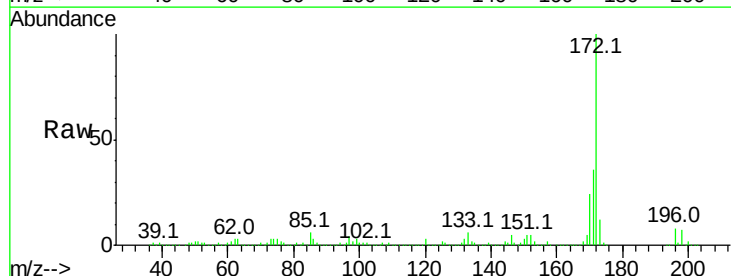


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

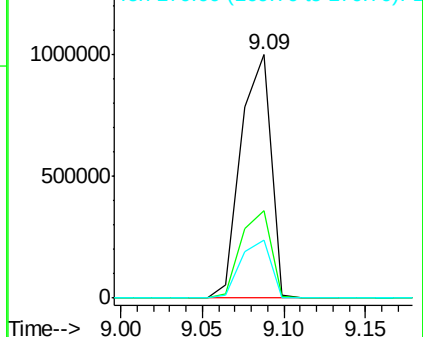
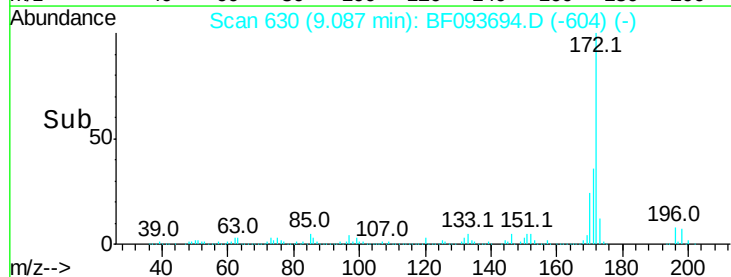


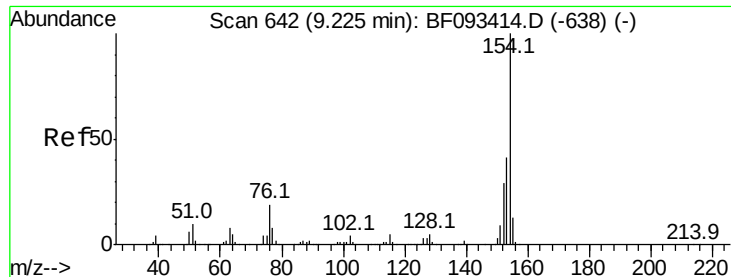
#44
 2-Fluorobiphenyl
 Concen: 112.83 ng
 RT: 9.09 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF093694.D
 Acq: 16 Mar 2017 6:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.0	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

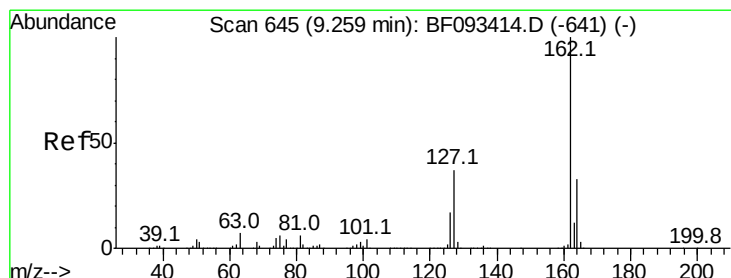
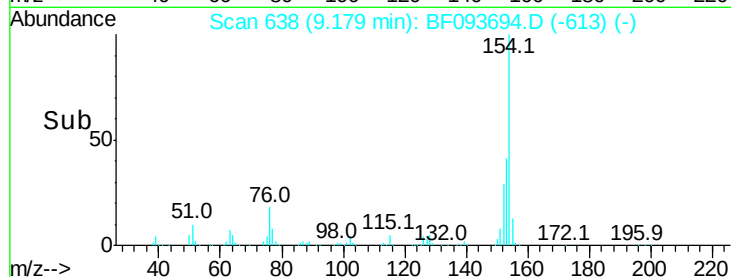
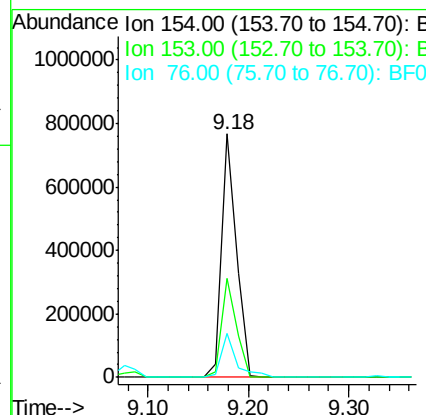
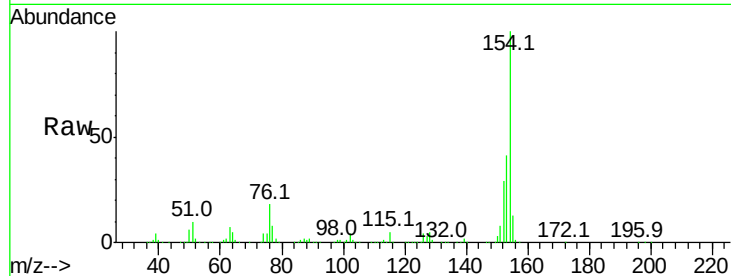




#45
 1,1'-Biphenyl
 Concen: 51.71 ng
 RT: 9.18 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF093694.D
 Acq: 16 Mar 2017 6:02

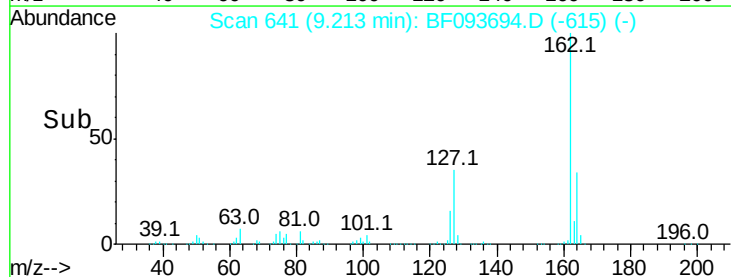
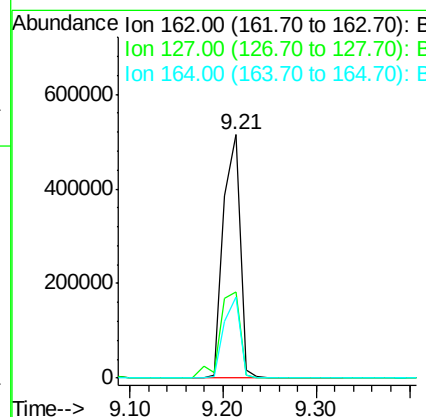
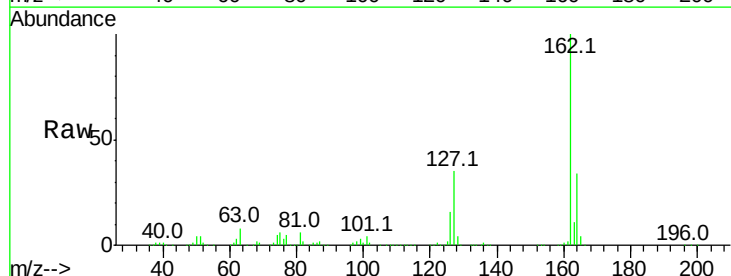
Instrument :
 BNA_F
 ClientSampleId :
 PB97590BSD

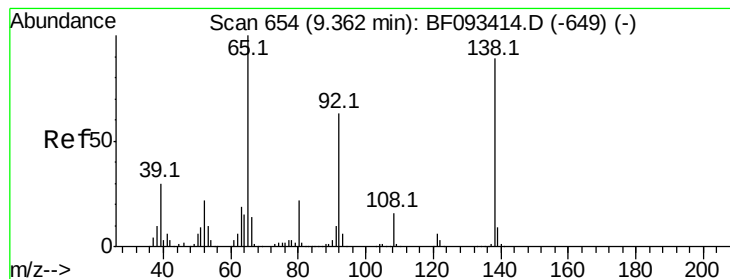
Tot Ion:154 Resp: 787881
 Ion Ratio Lower Upper
 154 100
 153 40.7 20.9 60.9
 76 17.9 0.0 30.5



#46
 2-Chloronaphthalene
 Concen: 54.79 ng
 RT: 9.21 min Scan# 641
 Delta R.T. -0.00 min
 Lab File: BF093694.D
 Acq: 16 Mar 2017 6:02

Tgt Ion:162 Resp: 638968
 Ion Ratio Lower Upper
 162 100
 127 35.3 30.7 46.1
 164 33.5 27.6 41.4





#47

2-Nitroaniline

Concen: 56.85 ng

RT: 9.33 min Scan# 651

Delta R.T. -0.00 min

Lab File: BF093694.D

Acq: 16 Mar 2017 6:02

Instrument :

BNA_F

ClientSampleId :

PB97590BSD

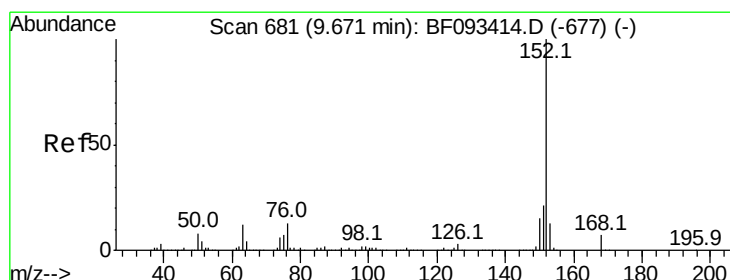
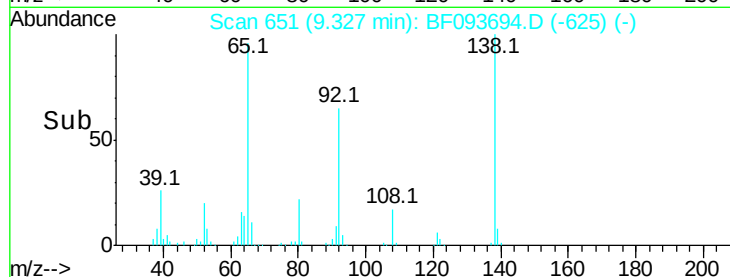
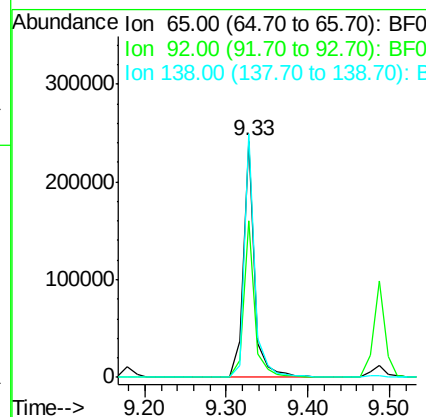
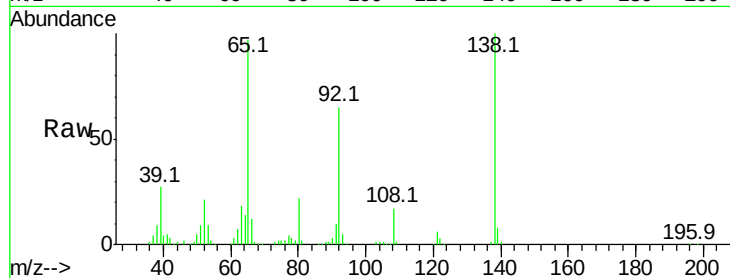
Tot Ion: 65 Resp: 234364

Ion Ratio Lower Upper

65 100

92 66.6 53.9 80.9

138 103.1 76.8 115.2



#48

Acenaphthylene

Concen: 48.68 ng

RT: 9.62 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF093694.D

Acq: 16 Mar 2017 6:02

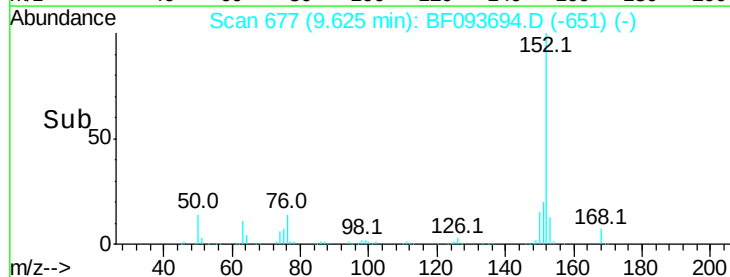
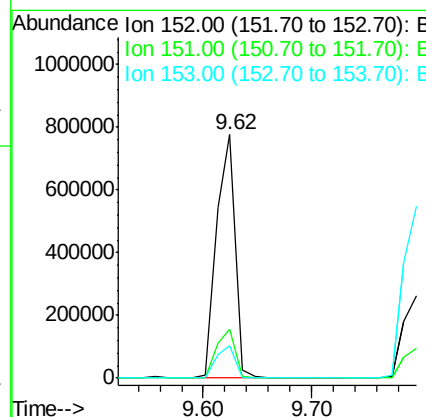
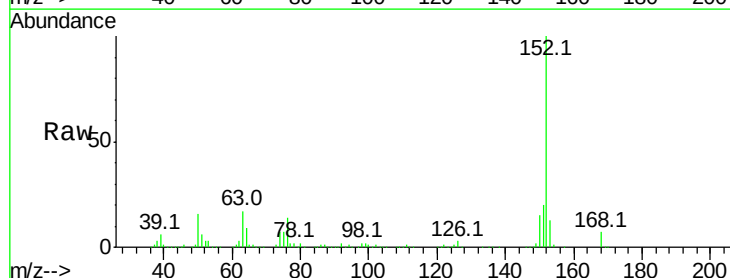
Tgt Ion: 152 Resp: 936271

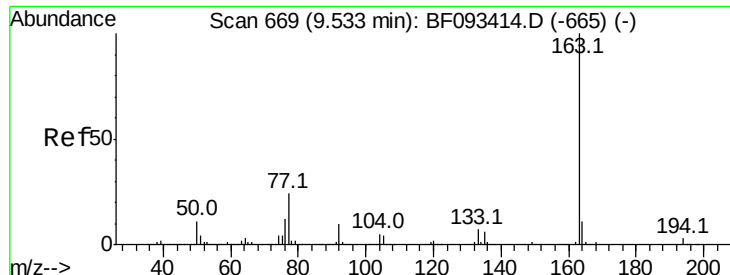
Ion Ratio Lower Upper

152 100

151 20.4 16.9 25.3

153 13.1 11.4 17.2





#49

Dimethylphthalate

Concen: 51.24 ng

RT: 9.49 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF093694.D

Acq: 16 Mar 2017 6:02

Instrument :

BNA_F

ClientSampleId :

PB97590BSD

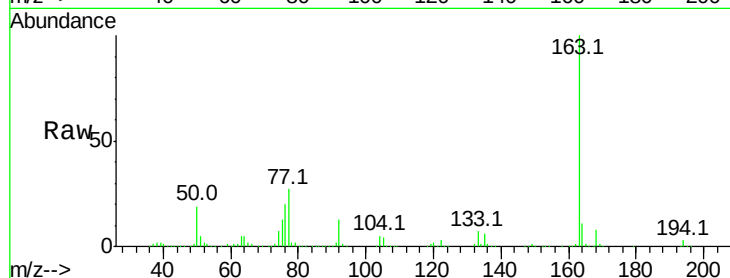
Tot Ion:163 Resp: 710524

Ion Ratio Lower Upper

163 100

194 3.2 3.0 4.4

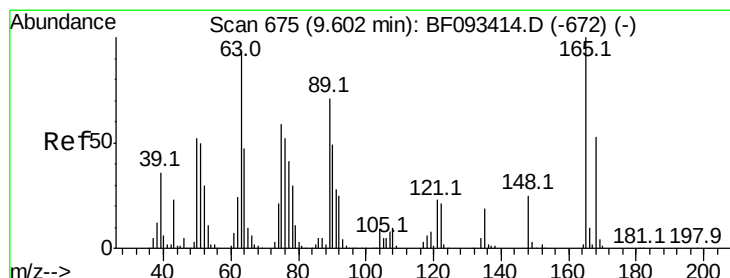
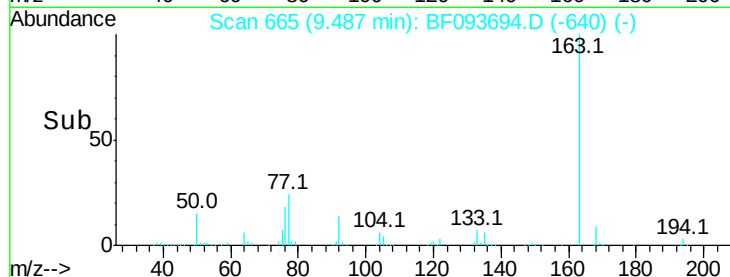
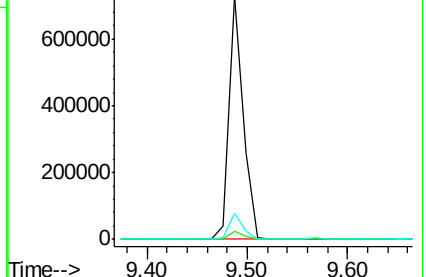
164 10.6 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 53.48 ng

RT: 9.57 min Scan# 672

Delta R.T. -0.00 min

Lab File: BF093694.D

Acq: 16 Mar 2017 6:02

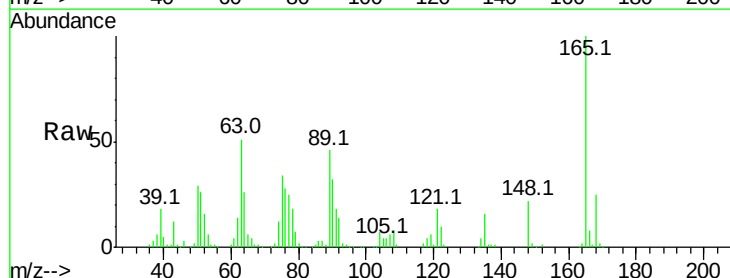
Tgt Ion:165 Resp: 162699

Ion Ratio Lower Upper

165 100

63 51.5 36.2 54.4

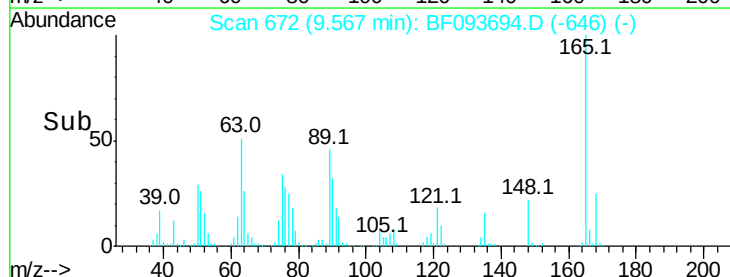
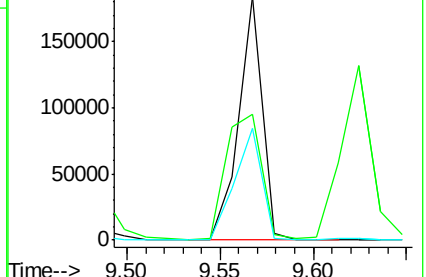
89 46.0 40.2 60.4

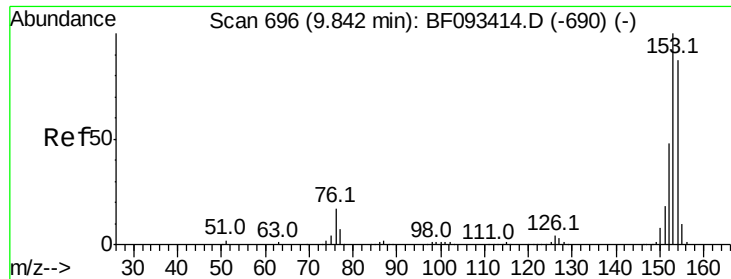


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 49.81 ng

RT: 9.80 min Scan# 692

Delta R.T. -0.00 min

Lab File: BF093694.D

Acq: 16 Mar 2017 6:02

Instrument :

BNA_F

ClientSampleId :

PB97590BSD

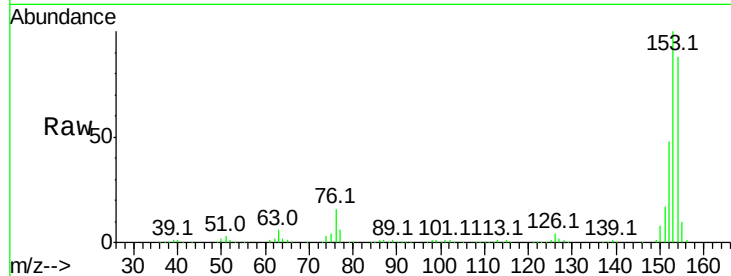
Tot Ion:154 Resp: 566573

Ion Ratio Lower Upper

154 100

153 113.9 88.6 133.0

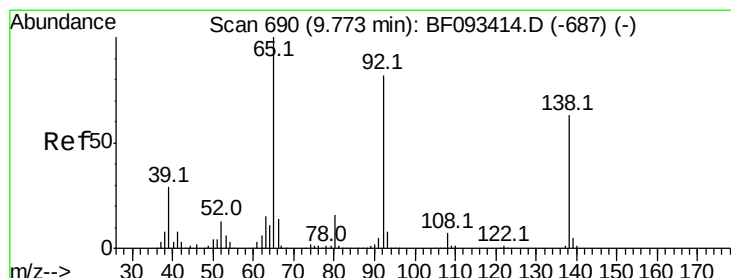
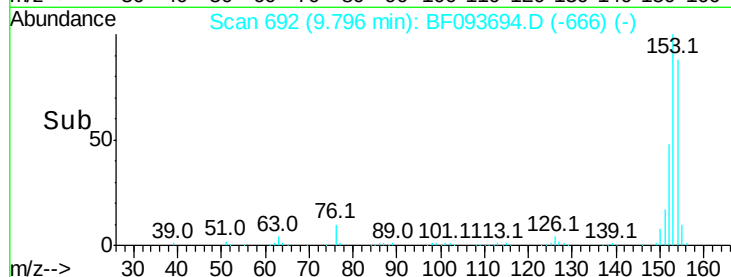
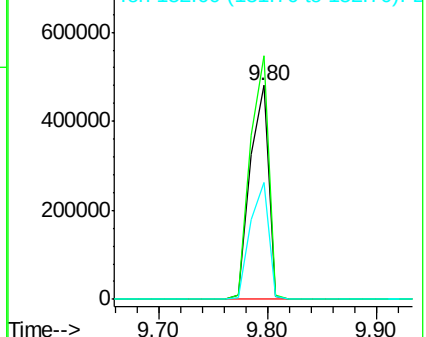
152 54.6 41.6 62.4



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: 32.76 ng

RT: 9.74 min Scan# 687

Delta R.T. -0.00 min

Lab File: BF093694.D

Acq: 16 Mar 2017 6:02

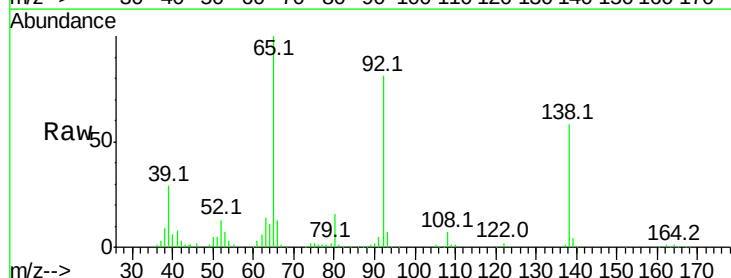
Tgt Ion:138 Resp: 119733

Ion Ratio Lower Upper

138 100

108 12.1 8.5 12.7

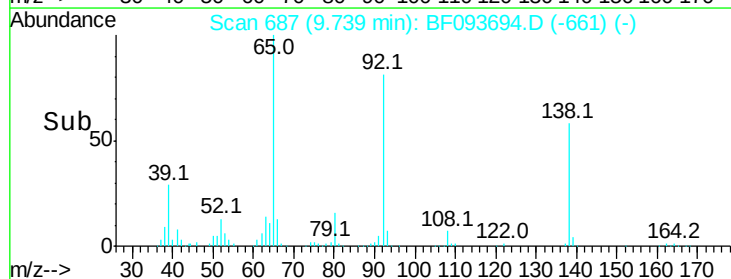
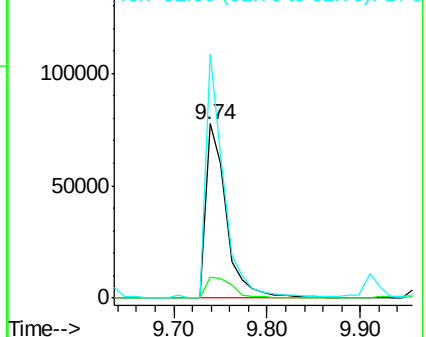
92 139.9 97.8 146.8

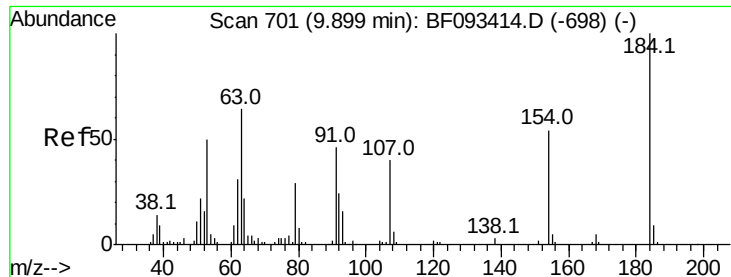


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

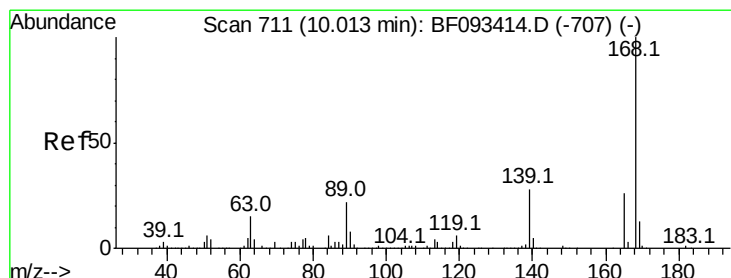
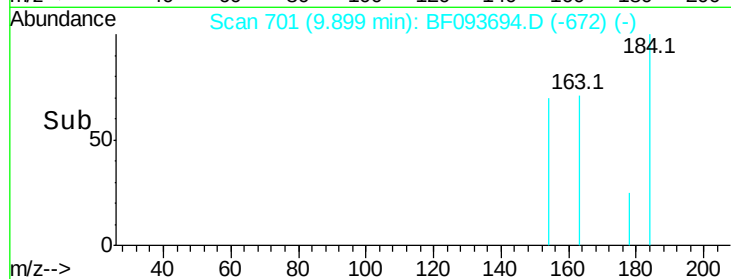
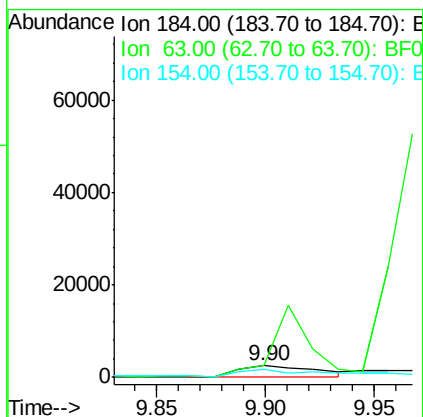
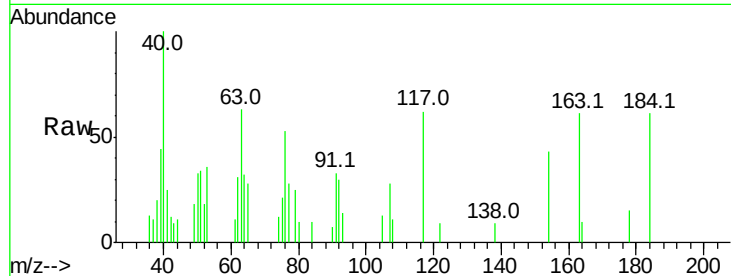




#53
 2,4-Dinitrophenol
 Concen: 4.71 ng
 RT: 9.90 min Scan# 701
 Delta R.T. 0.03 min
 Lab File: BF093694.D
 Acq: 16 Mar 2017 6:02

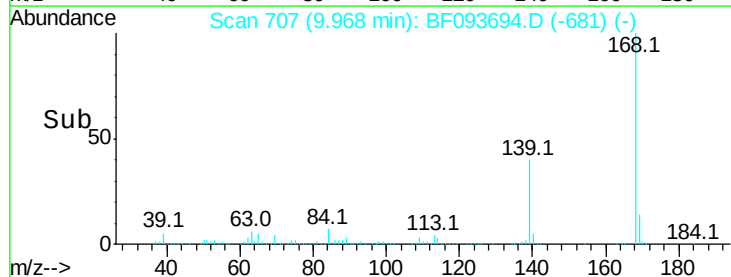
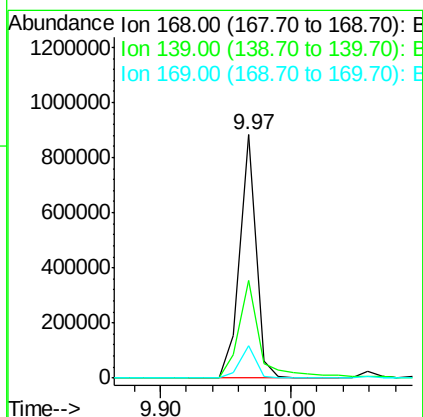
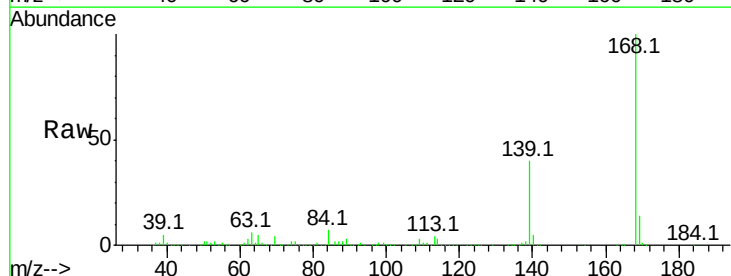
Instrument :
 BNA_F
 ClientSampleId :
 PB97590BSD

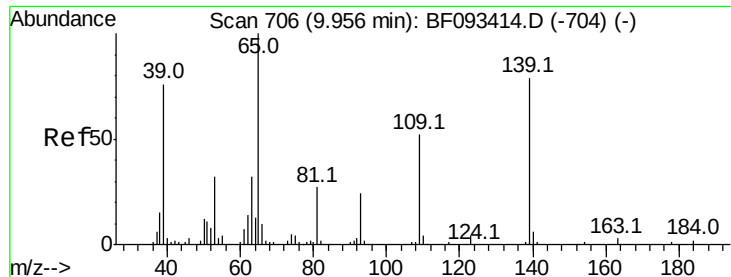
Tot Ion:184 Resp: 6523
 Ion Ratio Lower Upper
 184 100
 63 103.8 28.4 42.6#
 154 70.1 44.3 66.5#



#54
 Dibenzofuran
 Concen: 53.41 ng
 RT: 9.97 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: BF093694.D
 Acq: 16 Mar 2017 6:02

Tgt Ion:168 Resp: 760340
 Ion Ratio Lower Upper
 168 100
 139 40.1 32.6 49.0
 169 13.5 11.3 16.9

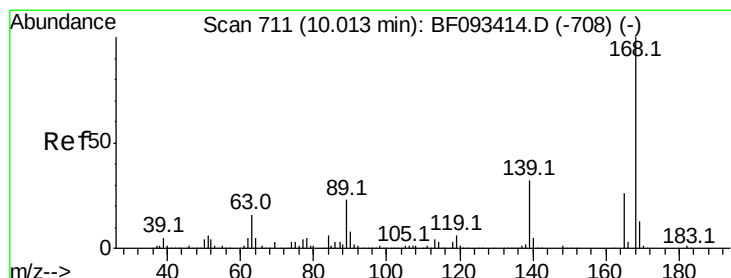
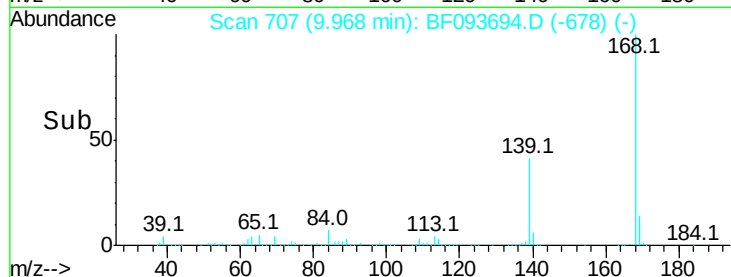
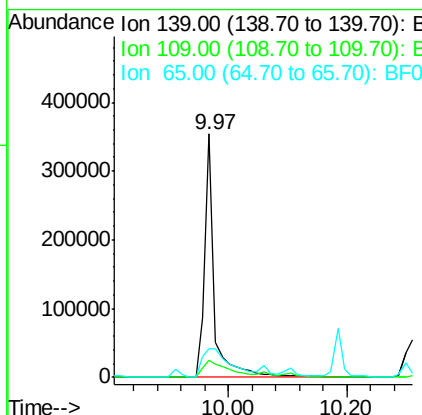
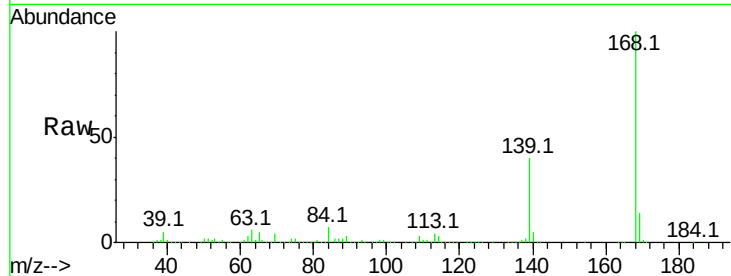




#55
4-Nitrophenol
Concen: 237.84 ng
RT: 9.97 min Scan# 707
Delta R.T. 0.03 min
Lab File: BF093694.D
Acq: 16 Mar 2017 6:02

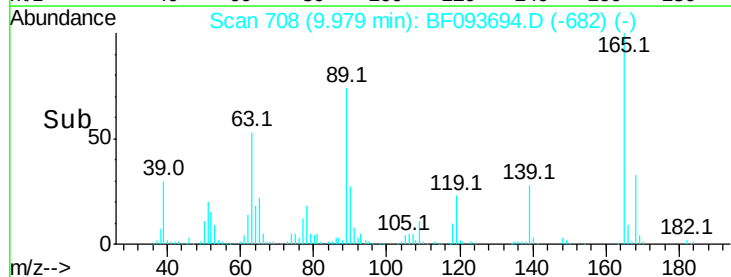
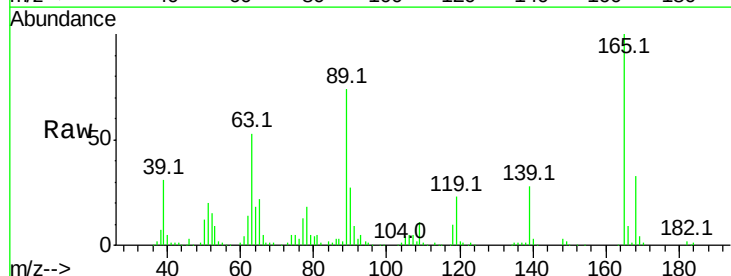
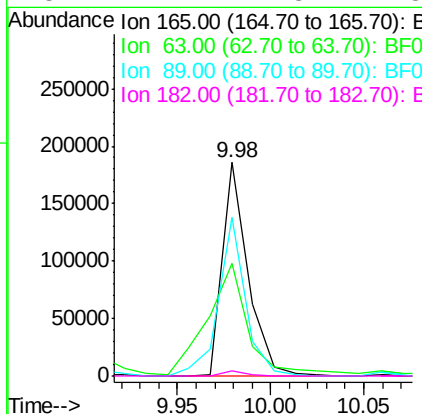
Instrument :
BNA_F
ClientSampleId :
PB97590BSD

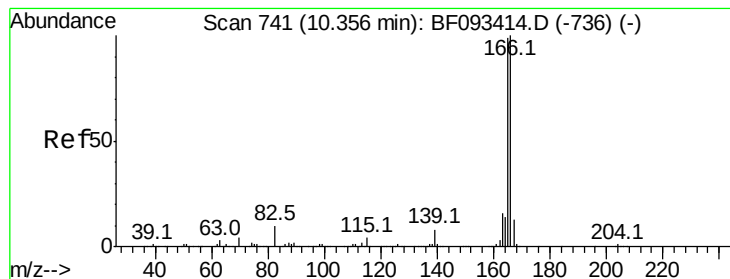
Tot Ion:139 Resp: 422246
Ion Ratio Lower Upper
139 100
109 7.1 52.2 92.2#
65 11.8 85.8 125.8#



#56
2,4-Dinitrotoluene
Concen: 47.93 ng
RT: 9.98 min Scan# 708
Delta R.T. -0.00 min
Lab File: BF093694.D
Acq: 16 Mar 2017 6:02

Tgt Ion:165 Resp: 179133
Ion Ratio Lower Upper
165 100
63 52.9 40.2 60.4
89 74.3 62.5 93.7
182 2.4 1.8 2.8





#57

Fluorene

Concen: 47.58 ng

RT: 10.31 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF093694.D

Acq: 16 Mar 2017 6:02

Instrument :

BNA_F

ClientSampleId :

PB97590BSD

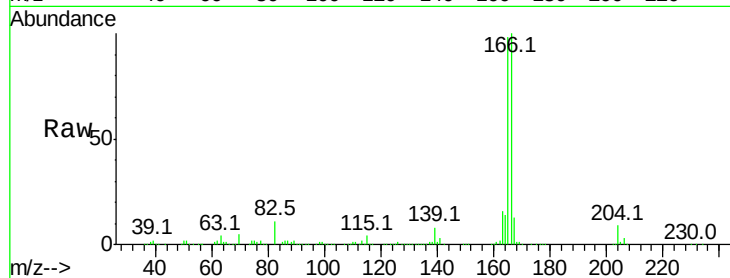
Tot Ion:166 Resp: 573950

Ion Ratio Lower Upper

166 100

165 98.4 77.8 116.8

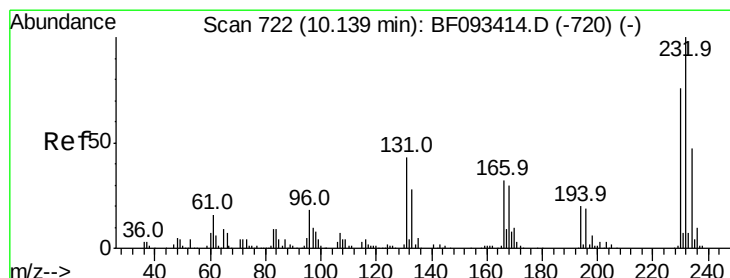
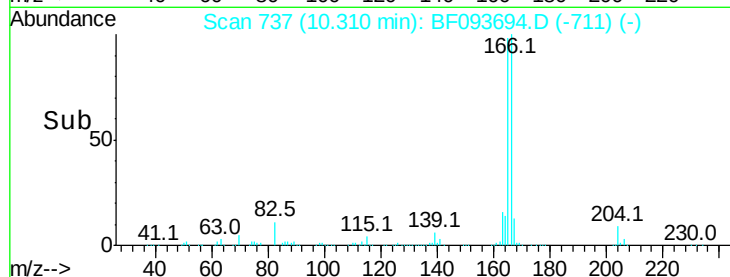
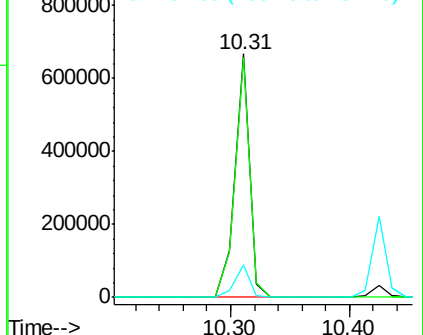
167 13.4 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.72 ng

RT: 10.10 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF093694.D

Acq: 16 Mar 2017 6:02

Tgt Ion:232 Resp: 128940

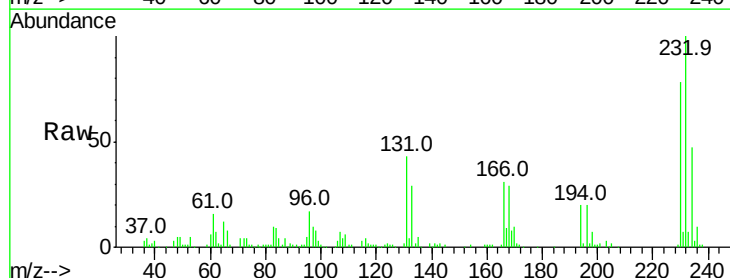
Ion Ratio Lower Upper

232 100

131 42.8 40.1 60.1

130 1.8 1.8 2.8#

166 27.8 26.6 39.8

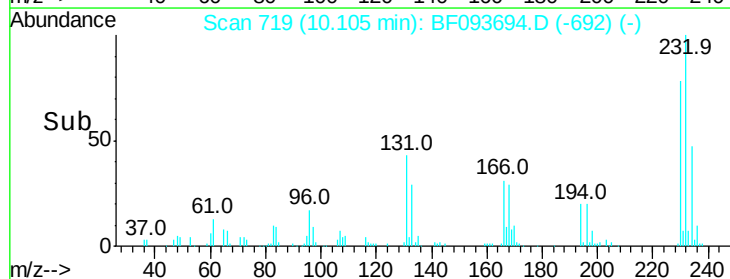
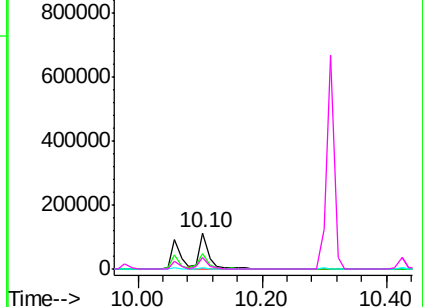


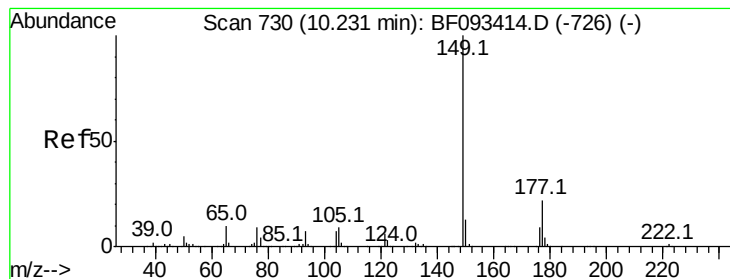
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 47.01 ng

RT: 10.18 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF093694.D

Acq: 16 Mar 2017 6:02

Instrument :

BNA_F

ClientSampleId :

PB97590BSD

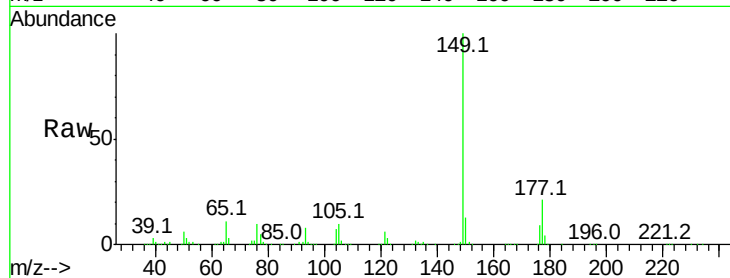
Tot Ion:149 Resp: 622990

Ion Ratio Lower Upper

149 100

177 20.9 16.6 25.0

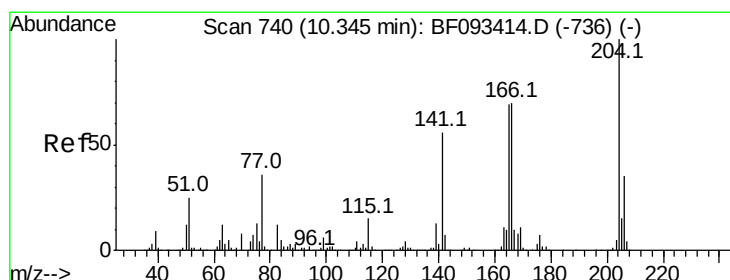
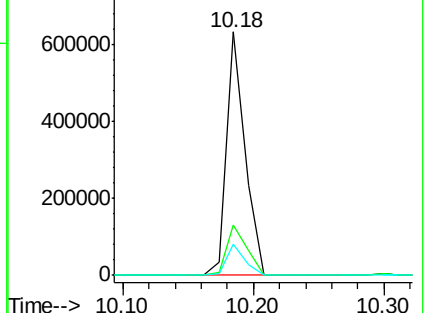
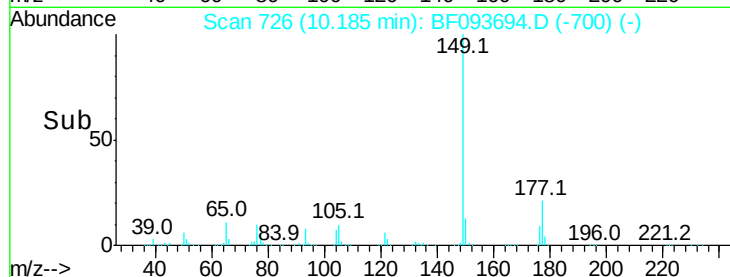
150 12.8 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 49.97 ng

RT: 10.30 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF093694.D

Acq: 16 Mar 2017 6:02

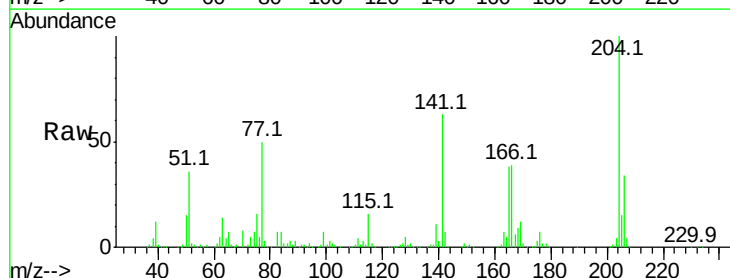
Tgt Ion:204 Resp: 270214

Ion Ratio Lower Upper

204 100

206 34.2 25.8 38.6

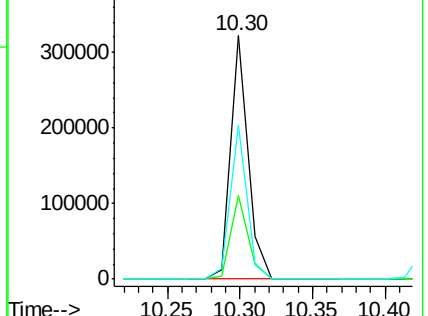
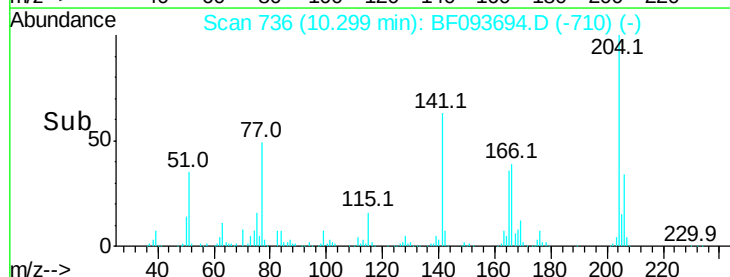
141 63.2 59.4 89.0

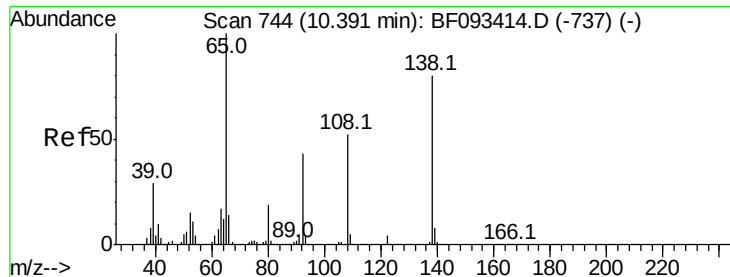


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 36.28 ng

RT: 10.36 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF093694.D

Acq: 16 Mar 2017 6:02

Instrument :

BNA_F

ClientSampleId :

PB97590BSD

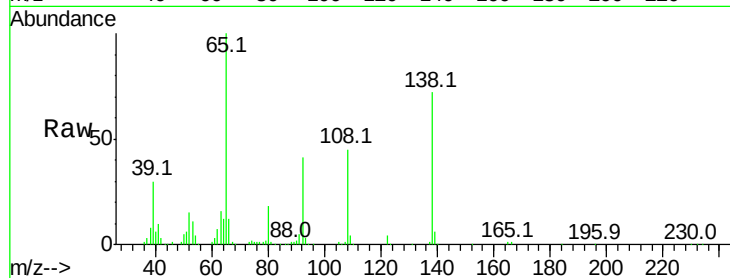
Tot Ion:138 Resp: 135617

Ion Ratio Lower Upper

138 100

92 56.5 31.7 71.7

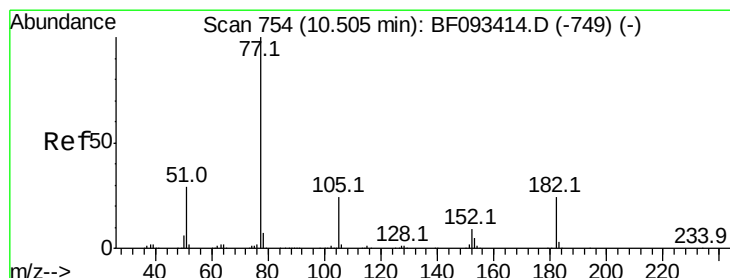
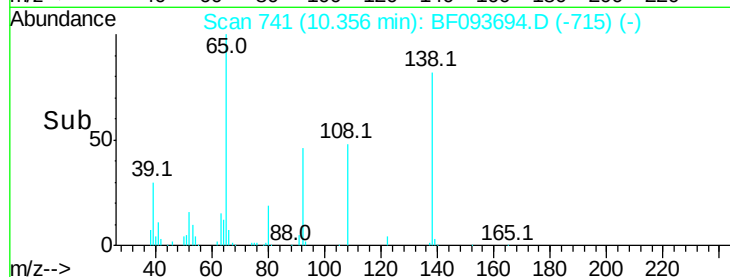
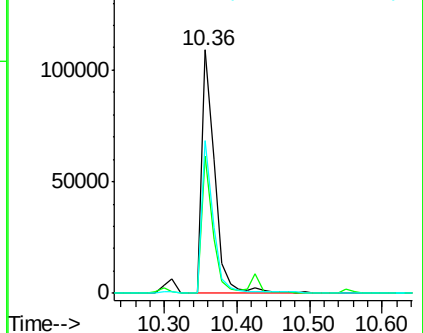
108 62.5 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 45.15 ng

RT: 10.46 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF093694.D

Acq: 16 Mar 2017 6:02

Tgt Ion: 77 Resp: 679866

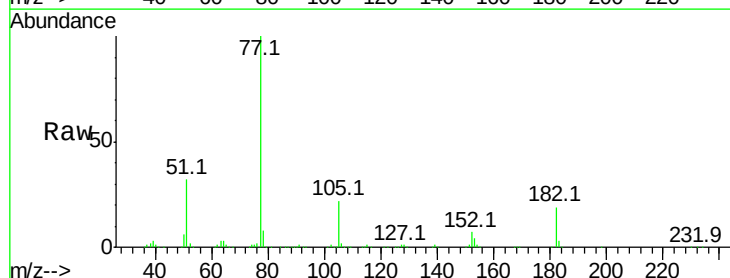
Ion Ratio Lower Upper

77 100

182 19.2 0.0 39.3

105 22.3 2.3 42.3

51 31.8 8.9 48.9

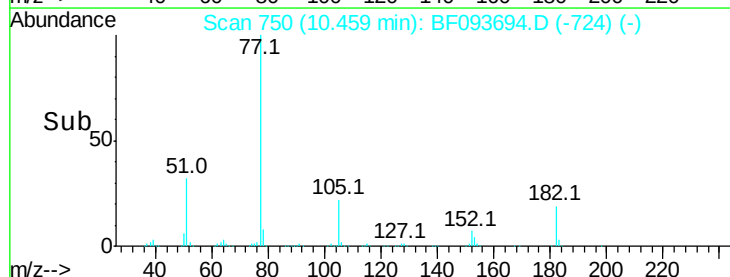
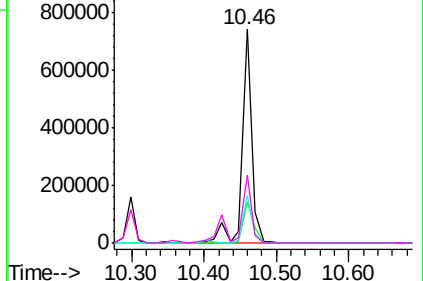


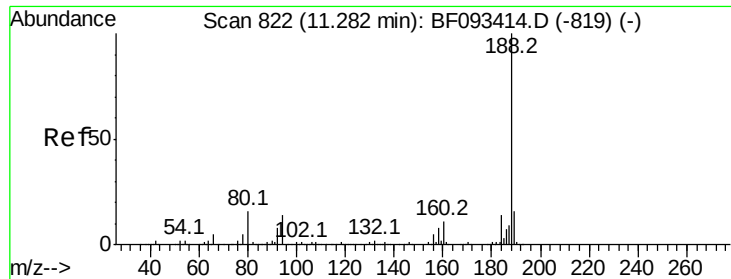
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

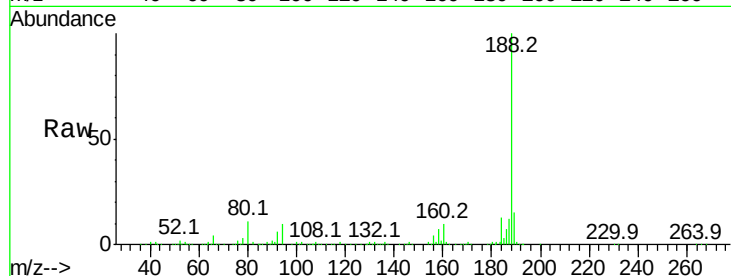




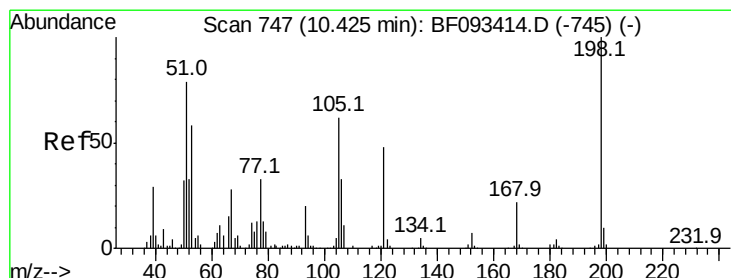
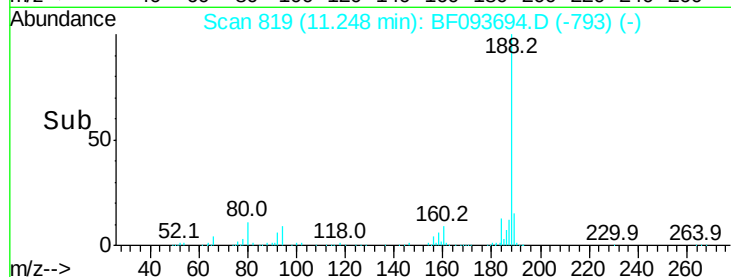
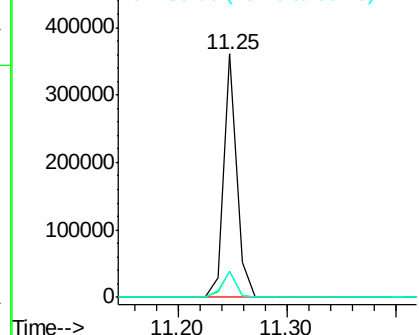
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF093694.D
Acq: 16 Mar 2017 6:02

Instrument :
BNA_F
ClientSampleId :
PB97590BSD

Tot Ion:188 Resp: 306462
Ion Ratio Lower Upper
188 100
94 10.4 10.0 15.0
80 10.7 11.2 16.8#

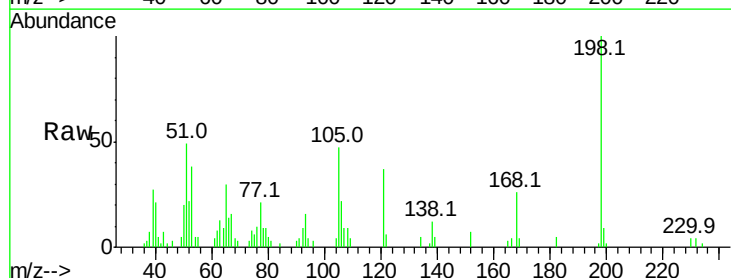


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

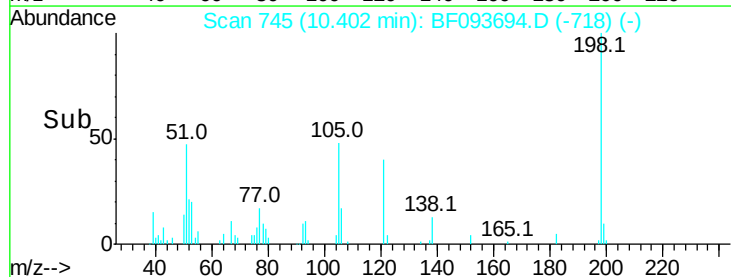
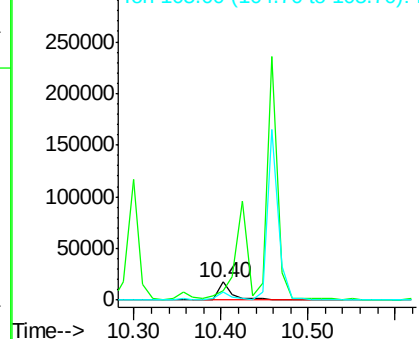


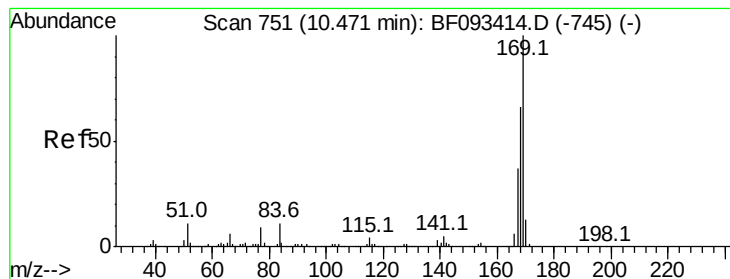
#64
4,6-Dinitro-2-methylphenol
Concen: 11.32 ng
RT: 10.40 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF093694.D
Acq: 16 Mar 2017 6:02

Tgt Ion:198 Resp: 22467
Ion Ratio Lower Upper
198 100
51 49.5 6.7 46.7#
105 47.0 16.6 56.6



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 47.89 ng

RT: 10.42 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF093694.D

Acq: 16 Mar 2017 6:02

Instrument :

BNA_F

ClientSampleId :

PB97590BSD

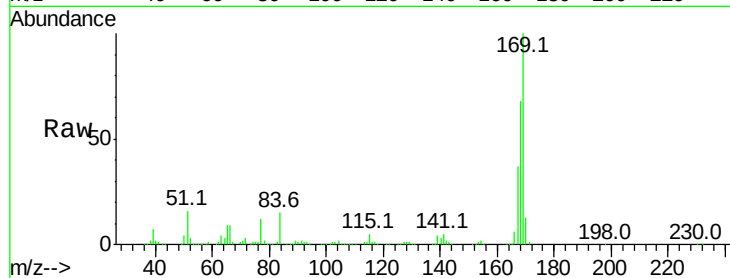
Tot Ion:169 Resp: 490050

Ion Ratio Lower Upper

169 100

168 68.3 54.2 81.2

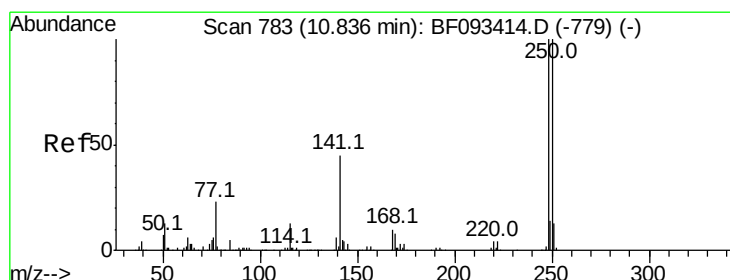
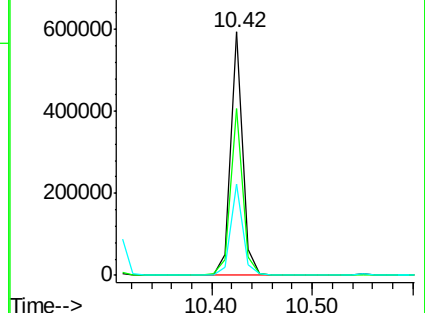
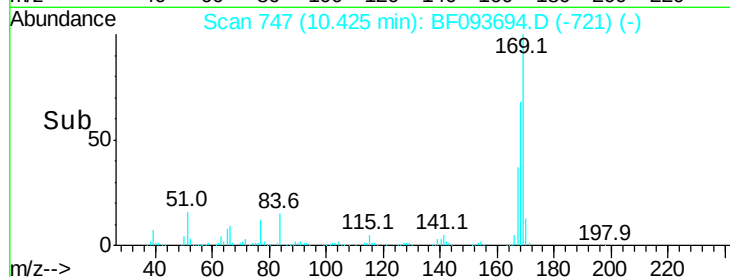
167 37.4 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 47.43 ng

RT: 10.79 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF093694.D

Acq: 16 Mar 2017 6:02

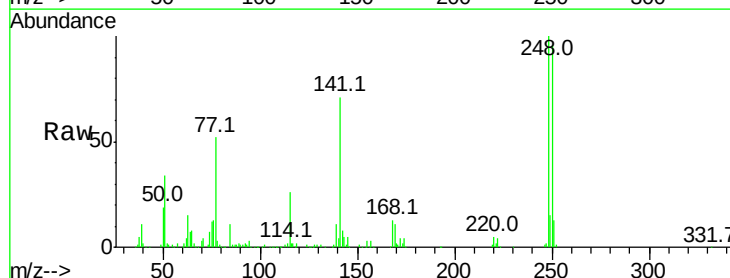
Tgt Ion:248 Resp: 153699

Ion Ratio Lower Upper

248 100

250 95.9 76.9 115.3

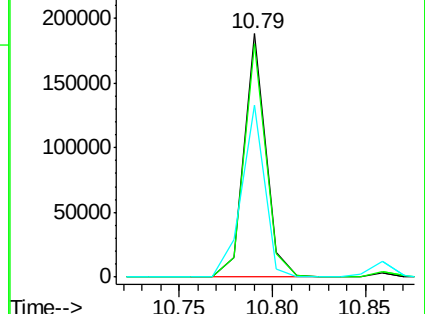
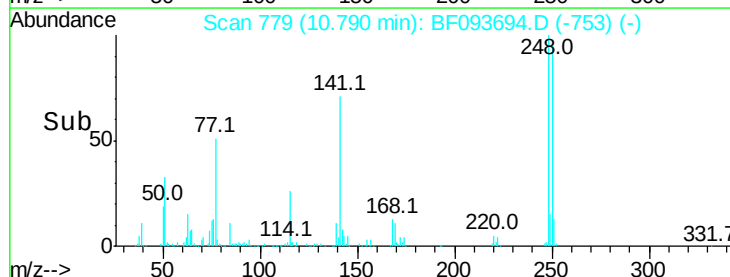
141 70.6 68.2 102.4

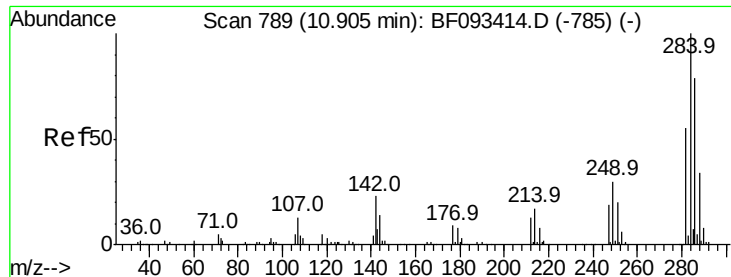


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 46.02 ng

RT: 10.86 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF093694.D

Acq: 16 Mar 2017 6:02

Instrument :

BNA_F

ClientSampleId :

PB97590BSD

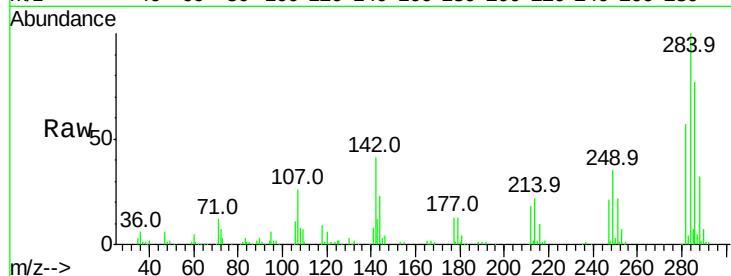
Tot Ion:284 Resp: 142412

Ion Ratio Lower Upper

284 100

142 40.9 22.6 33.8#

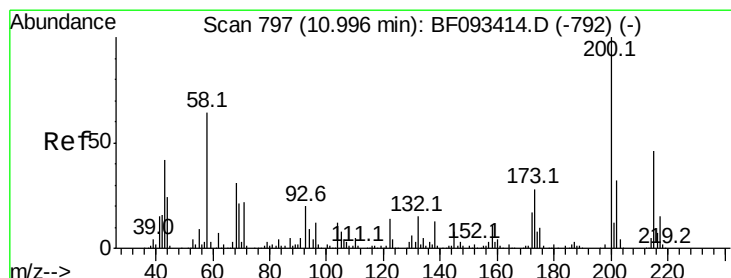
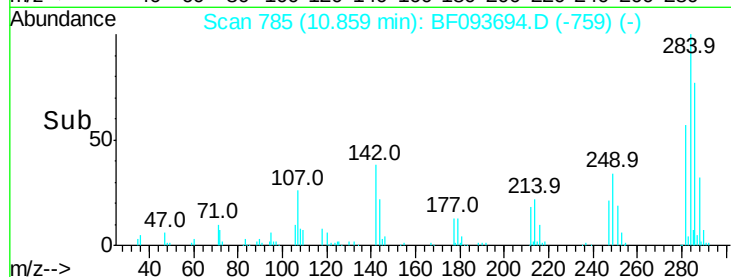
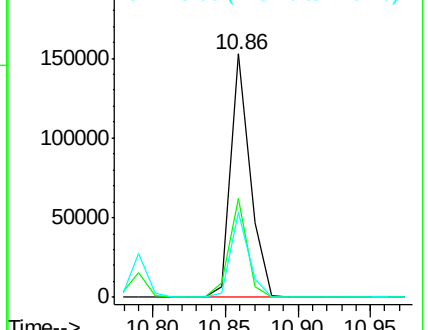
249 34.9 25.4 38.0



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: 48.59 ng

RT: 10.96 min Scan# 794

Delta R.T. 0.01 min

Lab File: BF093694.D

Acq: 16 Mar 2017 6:02

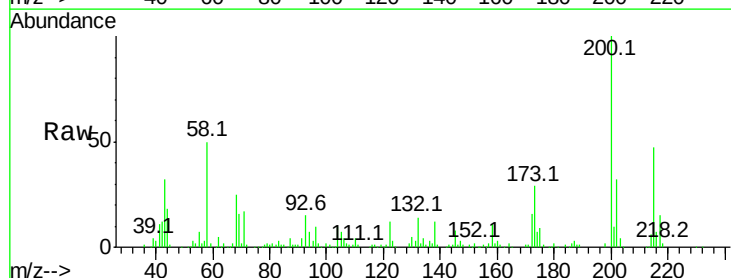
Tgt Ion:200 Resp: 145522

Ion Ratio Lower Upper

200 100

173 28.7 9.6 49.6

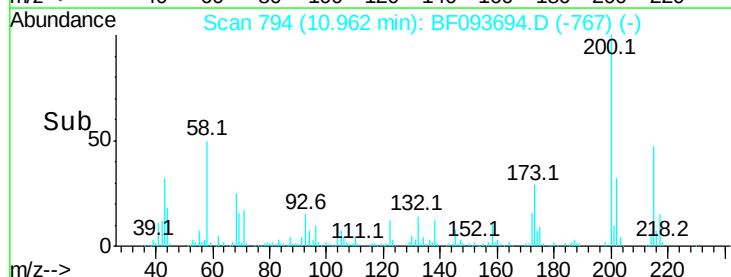
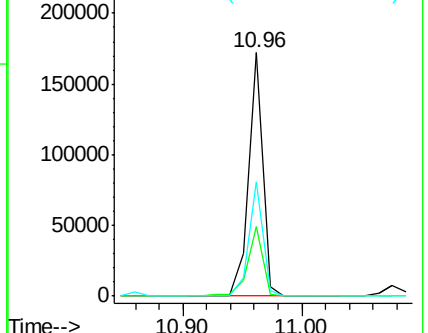
215 46.7 25.7 65.7

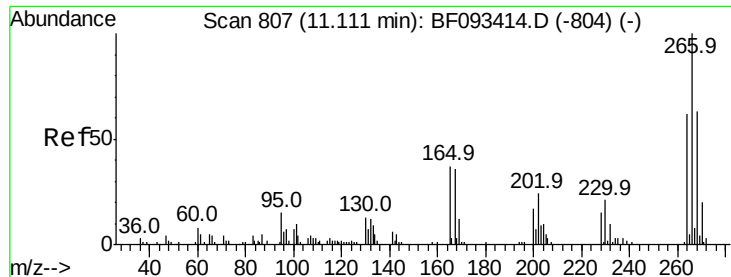


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

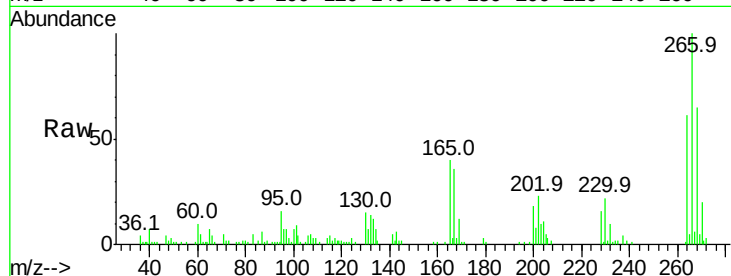




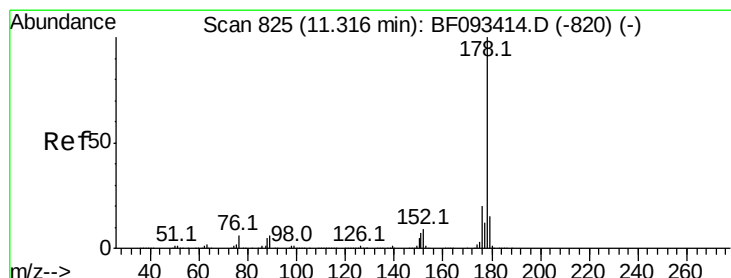
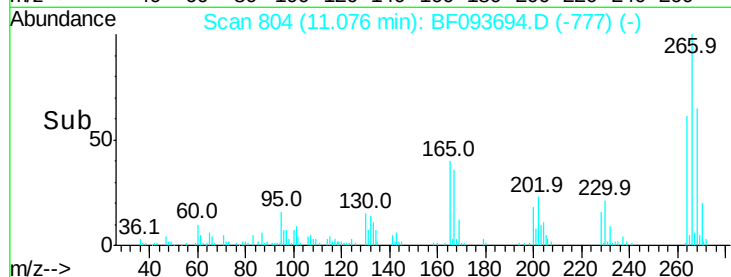
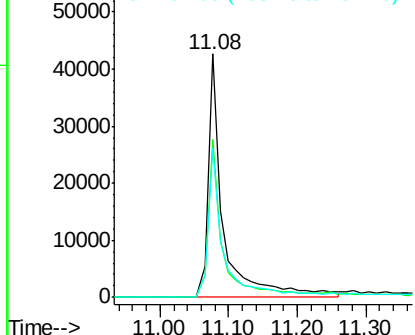
#69
 Pentachlorophenol
 Concen: 61.78 ng
 RT: 11.08 min Scan# 804
 Delta R.T. 0.01 min
 Lab File: BF093694.D
 Acq: 16 Mar 2017 6:02

Instrument :
 BNA_F
 ClientSampleId :
 PB97590BSD

Tot Ion:266 Resp: 66007
 Ion Ratio Lower Upper
 266 100
 268 64.7 53.3 79.9
 264 61.1 50.3 75.5

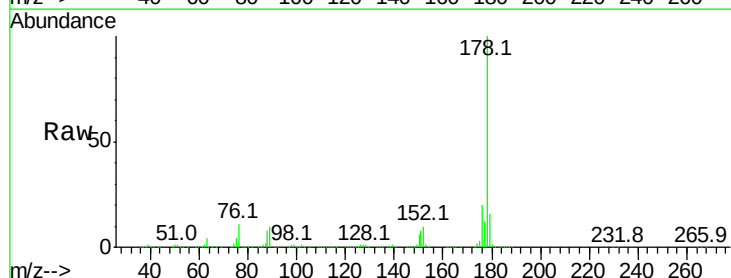


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

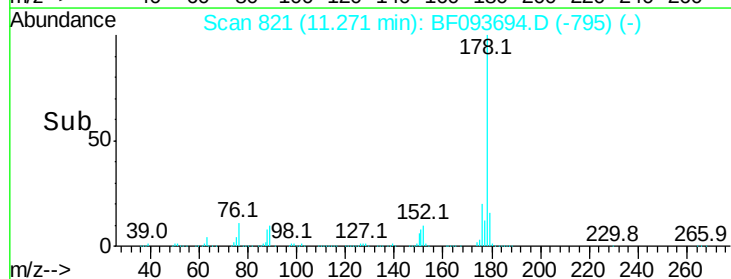
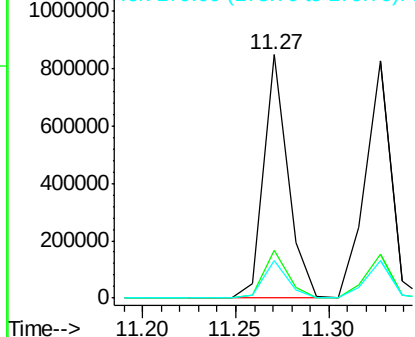


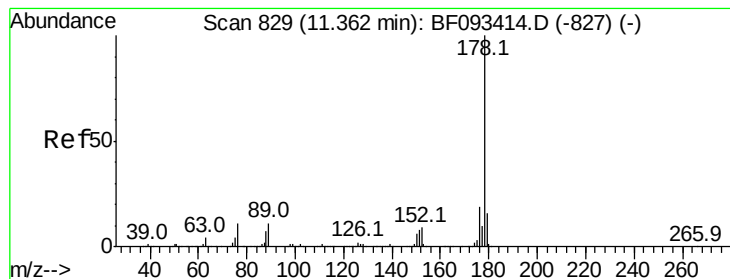
#70
 Phenanthrene
 Concen: 43.20 ng
 RT: 11.27 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF093694.D
 Acq: 16 Mar 2017 6:02

Tgt Ion:178 Resp: 755715
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.6 25.0
 179 15.6 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: 44.80 ng

RT: 11.33 min Scan# 826

Delta R.T. 0.01 min

Lab File: BF093694.D

Acq: 16 Mar 2017 6:02

Instrument :

BNA_F

ClientSampled :

PB97590BSD

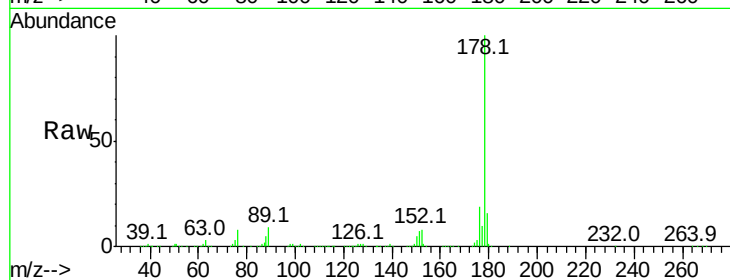
Tot Ion:178 Resp: 792752

Ion Ratio Lower Upper

178 100

176 18.6 15.9 23.9

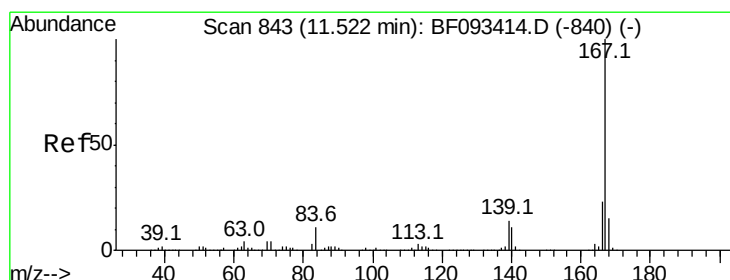
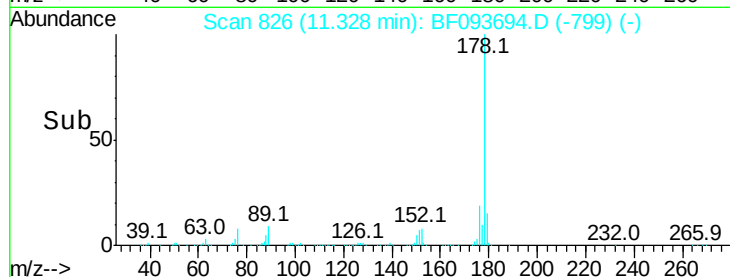
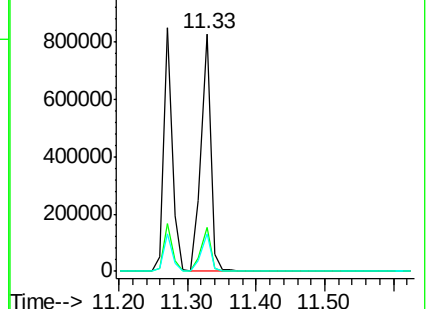
179 15.5 13.2 19.8



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: 42.38 ng

RT: 11.50 min Scan# 841

Delta R.T. 0.01 min

Lab File: BF093694.D

Acq: 16 Mar 2017 6:02

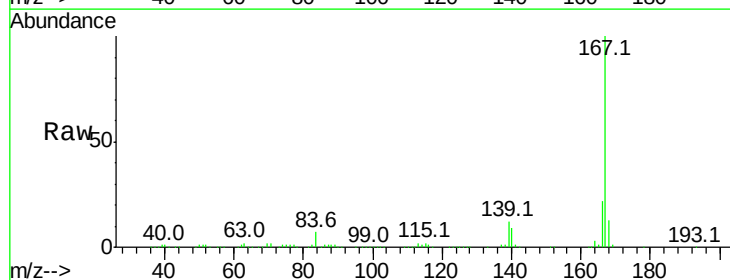
Tgt Ion:167 Resp: 704489

Ion Ratio Lower Upper

167 100

166 22.1 18.2 27.2

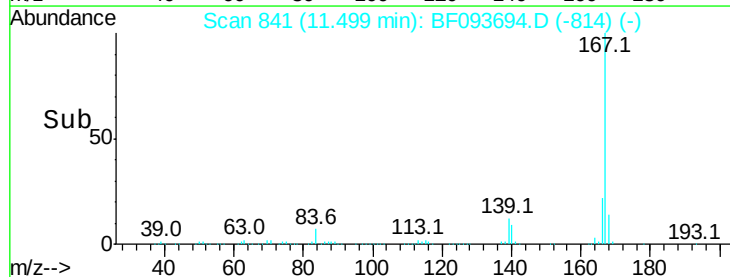
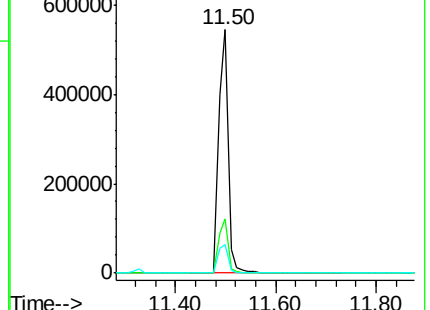
139 11.7 11.4 17.2

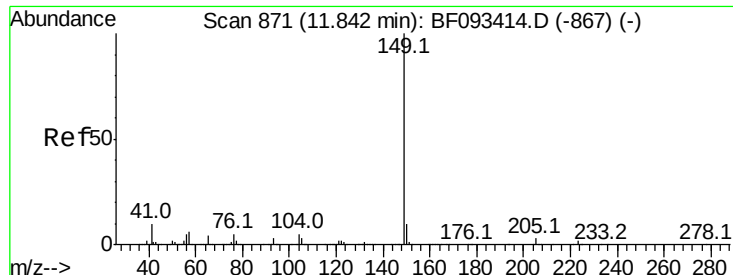


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

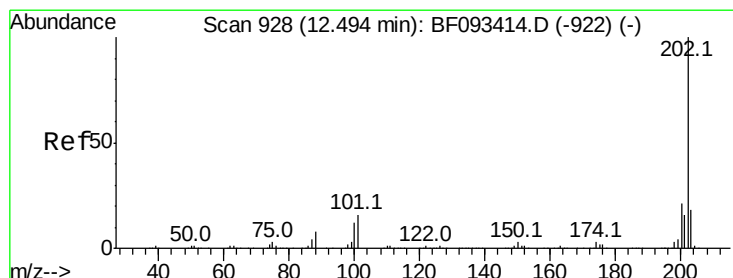
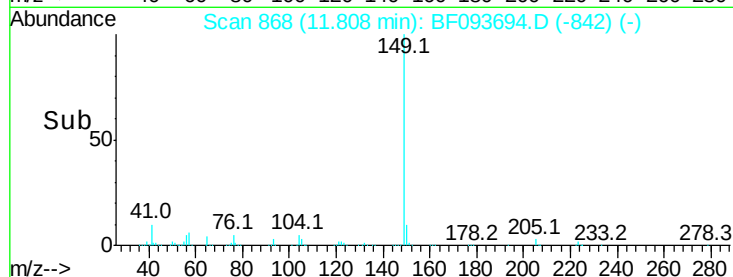
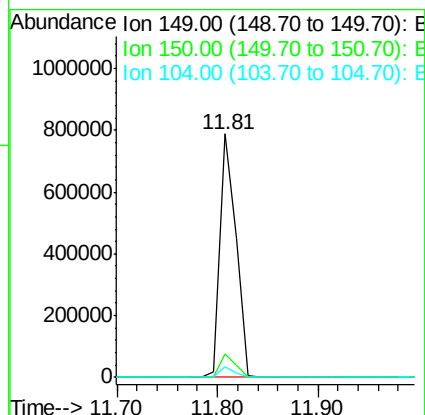
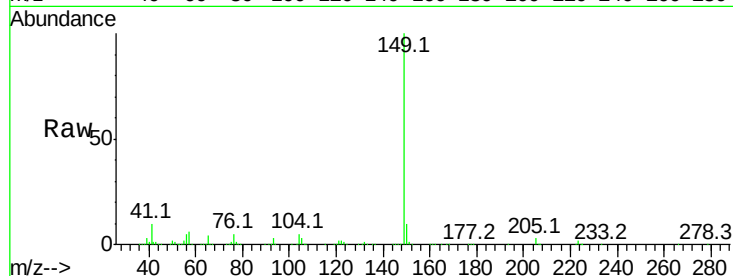




#73
Di-n-butylphthalate
Concen: 45.10 ng
RT: 11.81 min Scan# 868
Delta R.T. -0.00 min
Lab File: BF093694.D
Acq: 16 Mar 2017 6:02

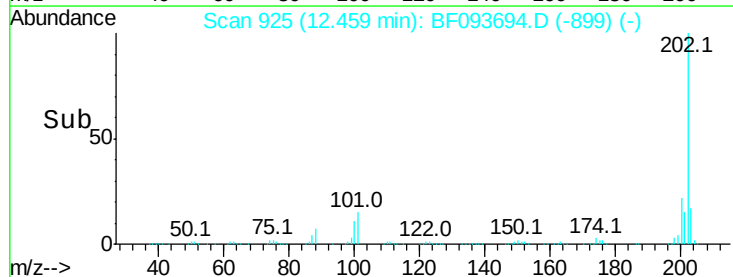
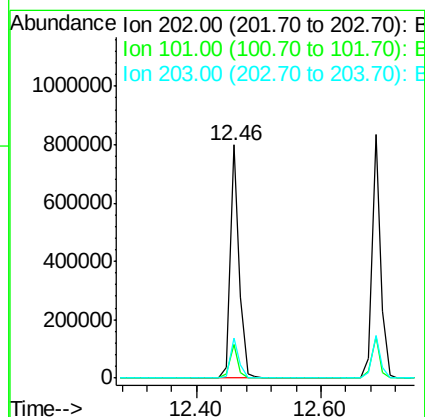
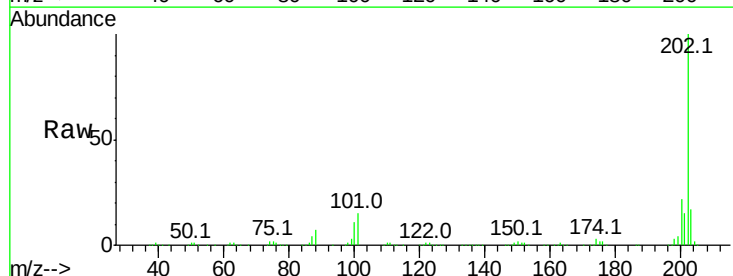
Instrument :
BNA_F
ClientSampleId :
PB97590BSD

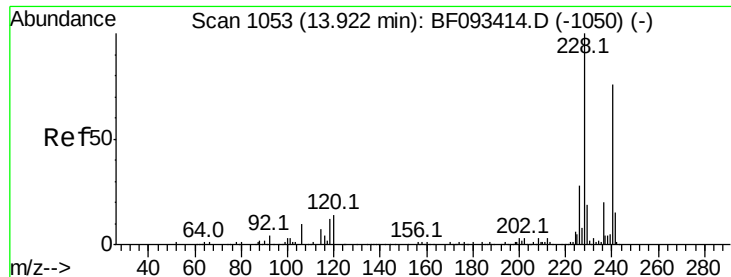
Tot Ion:149 Resp: 867336
Ion Ratio Lower Upper
149 100
150 9.7 8.1 12.1
104 4.5 4.6 7.0#



#74
Fluoranthene
Concen: 46.40 ng
RT: 12.46 min Scan# 925
Delta R.T. -0.00 min
Lab File: BF093694.D
Acq: 16 Mar 2017 6:02

Tgt Ion:202 Resp: 784023
Ion Ratio Lower Upper
202 100
101 14.7 0.0 34.6
203 17.4 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1050

Delta R.T. -0.00 min

Lab File: BF093694.D

Acq: 16 Mar 2017 6:02

Instrument :

BNA_F

ClientSampleId :

PB97590BSD

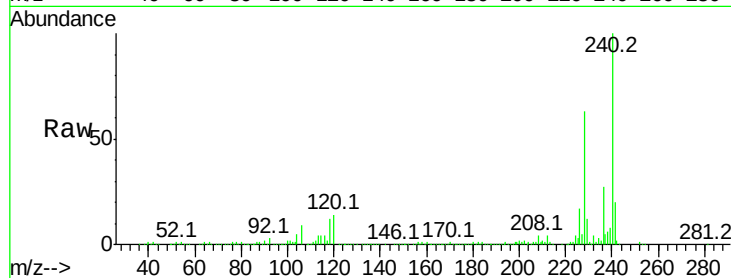
Tot Ion:240 Resp: 305611

Ion Ratio Lower Upper

240 100

120 14.0 12.9 19.3

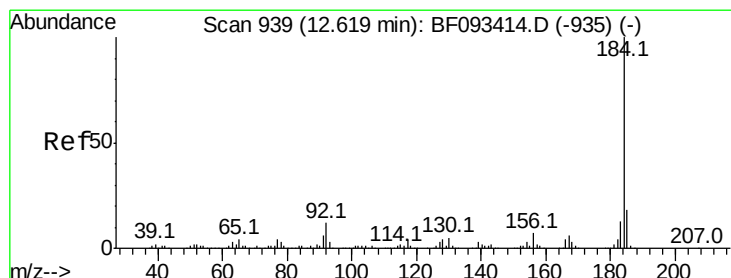
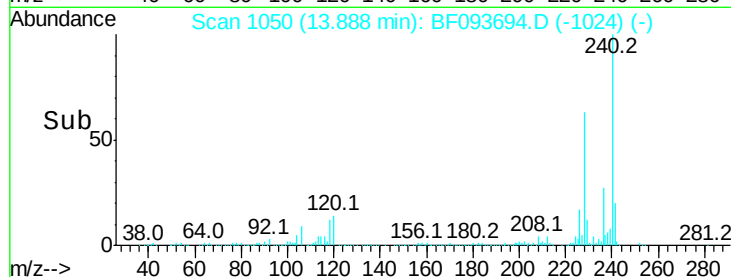
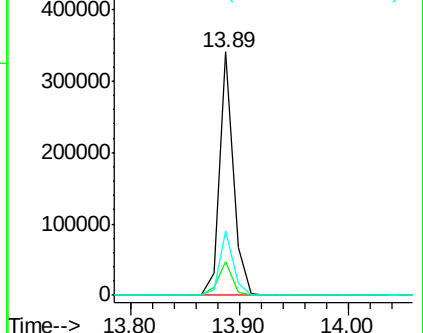
236 26.6 20.9 31.3



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: 44.07 ng

RT: 12.60 min Scan# 937

Delta R.T. 0.01 min

Lab File: BF093694.D

Acq: 16 Mar 2017 6:02

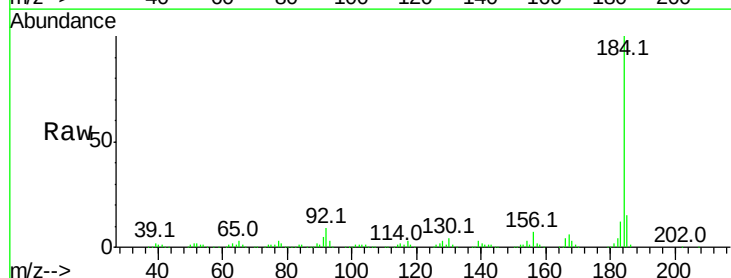
Tgt Ion:184 Resp: 442912

Ion Ratio Lower Upper

184 100

185 14.8 13.4 20.0

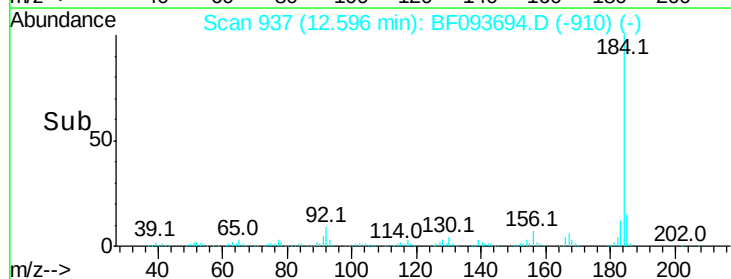
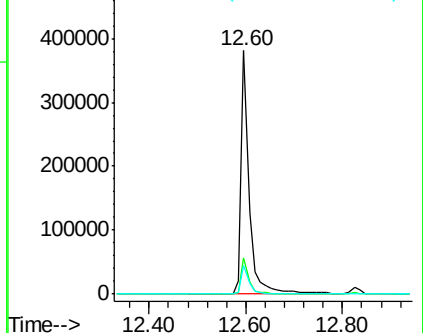
183 11.6 9.2 13.8

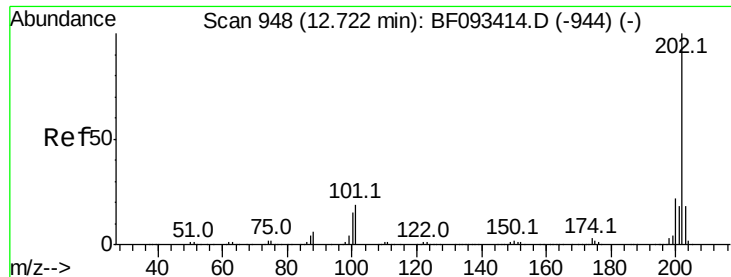


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

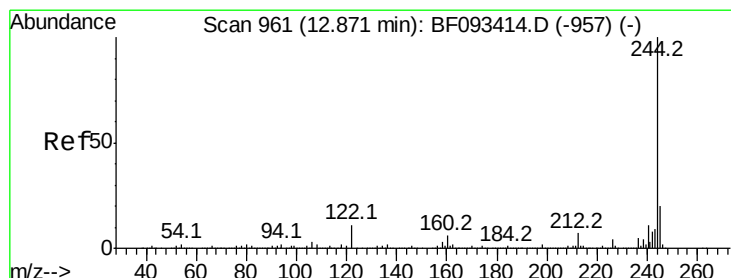
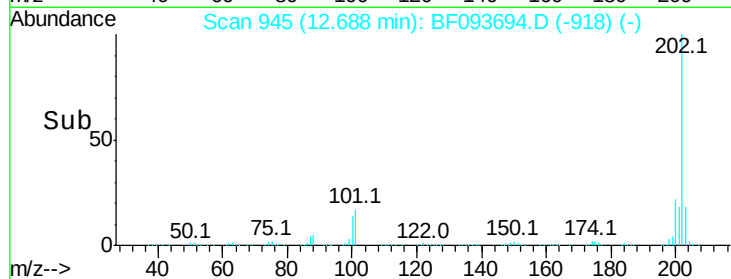
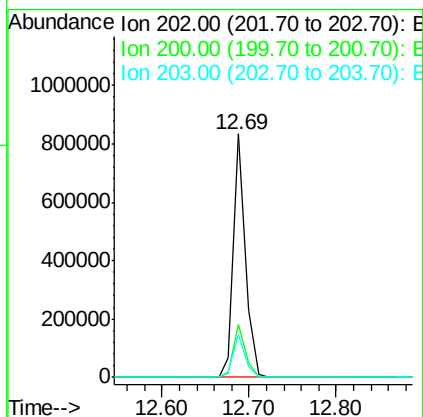
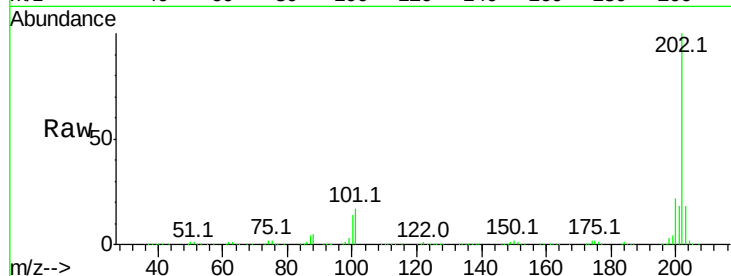




#77
Pvrene
Concen: 35.61 ng
RT: 12.69 min Scan# 945
Delta R.T. 0.01 min
Lab File: BF093694.D
Acq: 16 Mar 2017 6:02

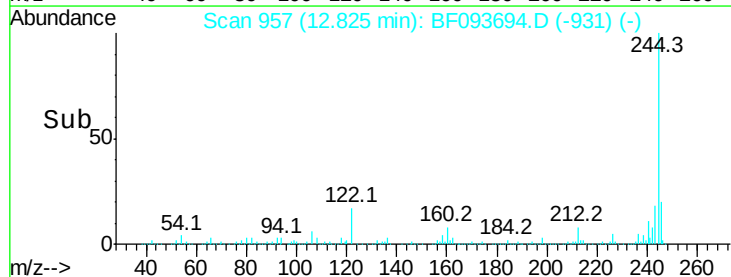
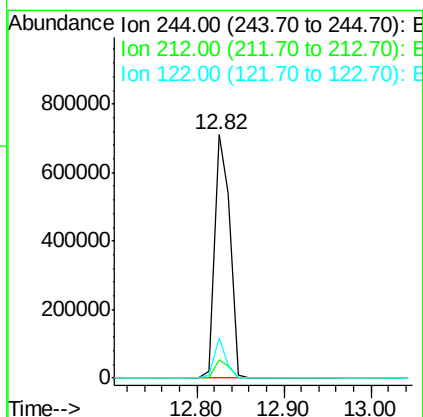
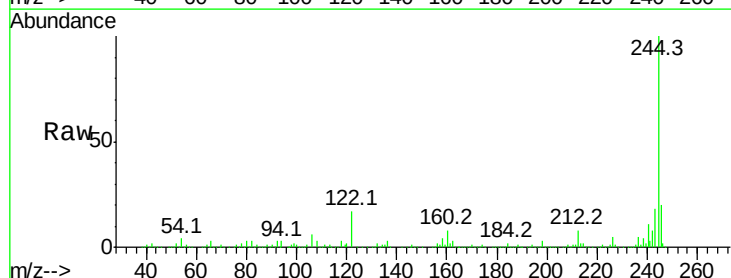
Instrument :
BNA_F
ClientSampled :
PB97590BSD

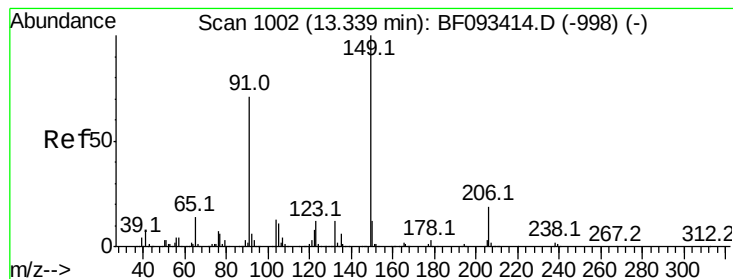
Tot Ion:202 Resp: 791510
Ion Ratio Lower Upper
202 100
200 21.5 17.7 26.5
203 17.7 14.7 22.1



#78
Terphenyl-d14
Concen: 75.18 ng
RT: 12.82 min Scan# 957
Delta R.T. -0.00 min
Lab File: BF093694.D
Acq: 16 Mar 2017 6:02

Tgt Ion:244 Resp: 883727
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.2
122 16.6 11.4 17.2





#79

Butylbenzylphthalate

Concen: 43.09 ng

RT: 13.30 min Scan# 999

Delta R.T. 0.01 min

Lab File: BF093694.D

Acq: 16 Mar 2017 6:02

Instrument :

BNA_F

ClientSampleId :

PB97590BSD

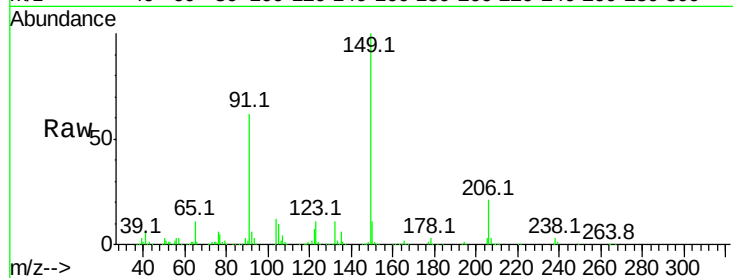
Tot Ion:149 Resp: 403196

Ion Ratio Lower Upper

149 100

91 62.2 63.9 95.9#

206 20.8 14.6 21.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

600000

500000

400000

300000

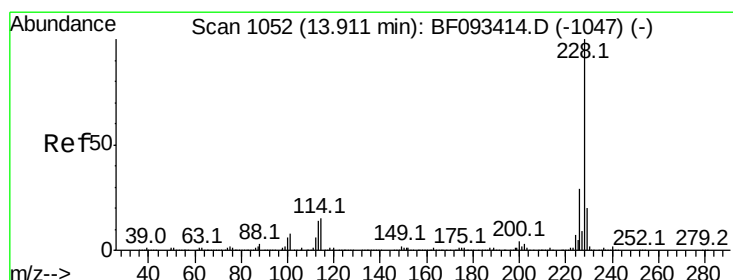
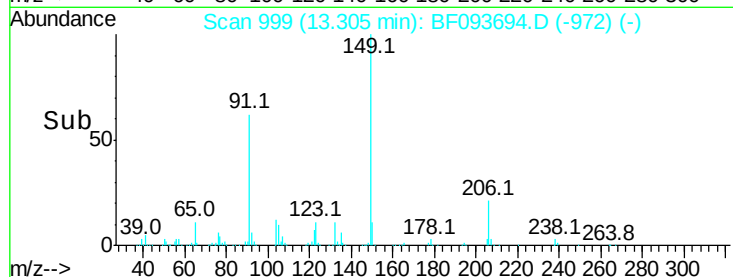
200000

100000

0

13.25 13.30 13.35

Time-->



#80

Benzo(a)anthracene

Concen: 43.23 ng

RT: 13.88 min Scan# 1049

Delta R.T. 0.01 min

Lab File: BF093694.D

Acq: 16 Mar 2017 6:02

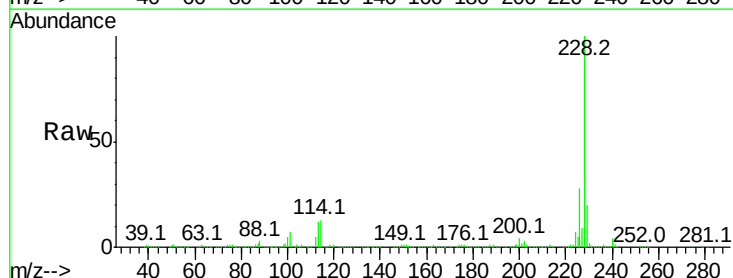
Tgt Ion:228 Resp: 780193

Ion Ratio Lower Upper

228 100

226 27.8 22.4 33.6

229 20.1 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

1000000

800000

600000

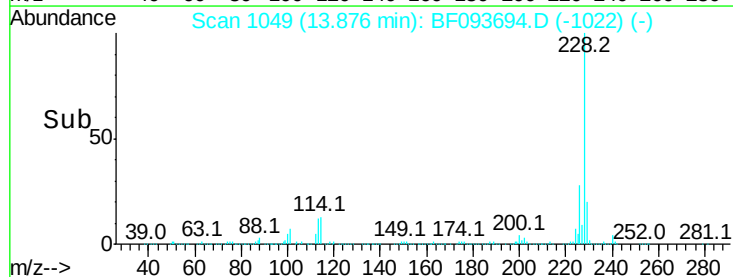
400000

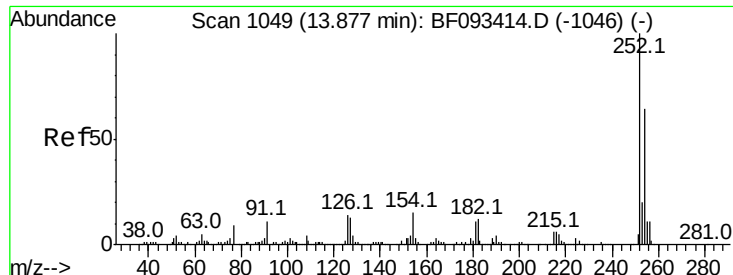
200000

0

13.80 13.85 13.90

Time-->

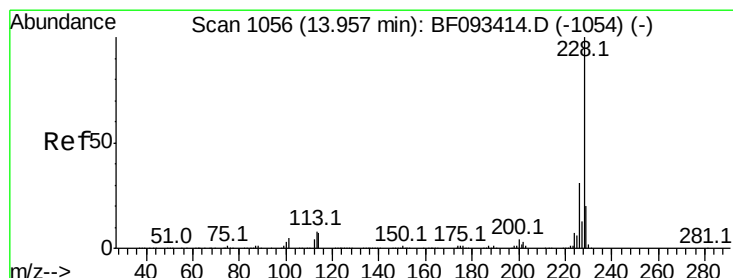
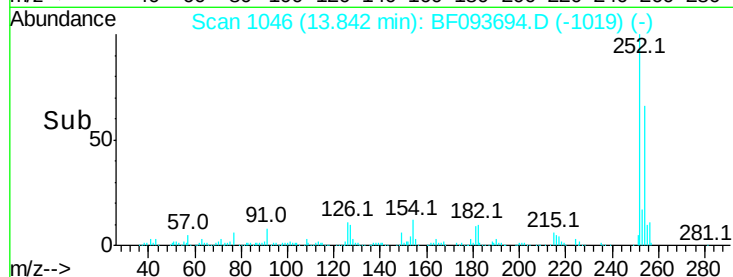
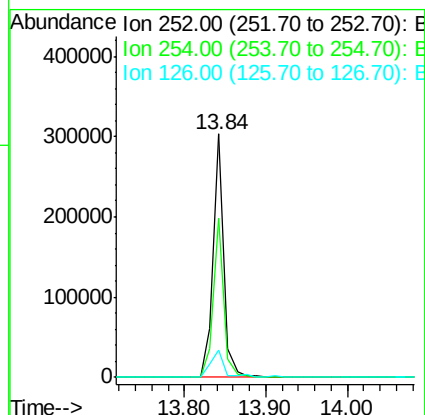
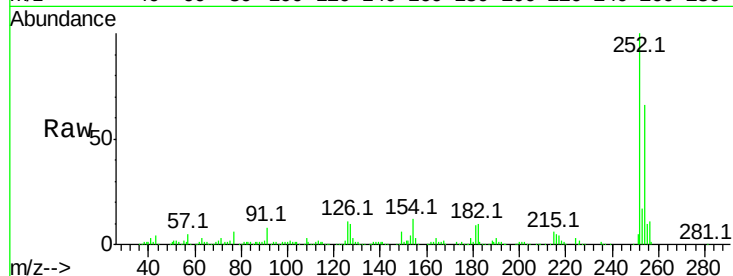




#81
 3,3'-Dichlorobenzidine
 Concen: 45.19 ng
 RT: 13.84 min Scan# 1046
 Delta R.T. 0.01 min
 Lab File: BF093694.D
 Acq: 16 Mar 2017 6:02

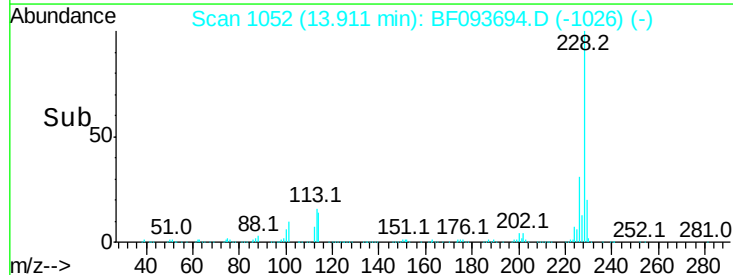
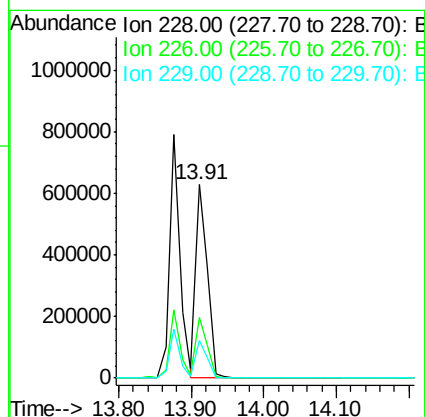
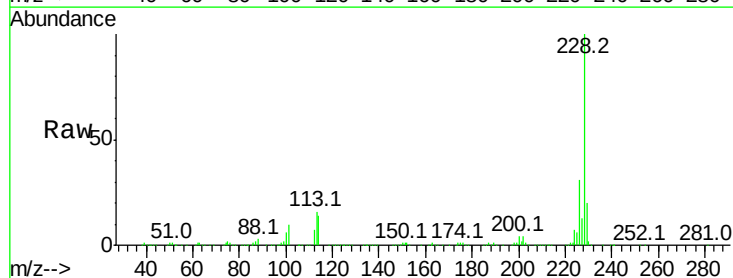
Instrument :
 BNA_F
 ClientSampleId :
 PB97590BSD

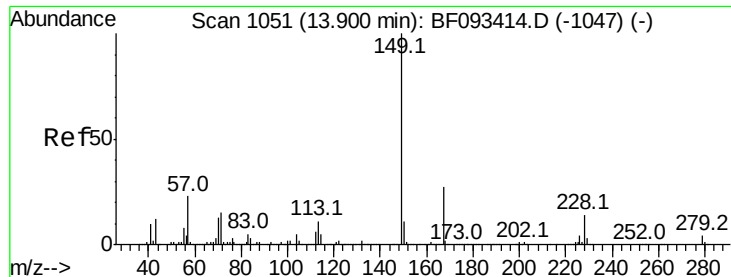
Tot Ion:252 Resp: 285668
 Ion Ratio Lower Upper
 252 100
 254 65.6 52.3 78.5
 126 11.2 13.6 20.4#



#82
 Chrysene
 Concen: 42.08 ng
 RT: 13.91 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: BF093694.D
 Acq: 16 Mar 2017 6:02

Tgt Ion:228 Resp: 702680
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.4 38.0
 229 19.7 16.2 24.2

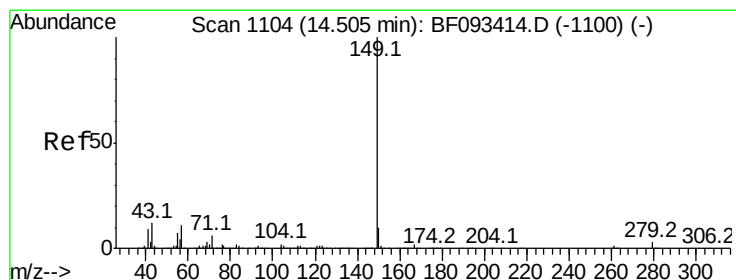
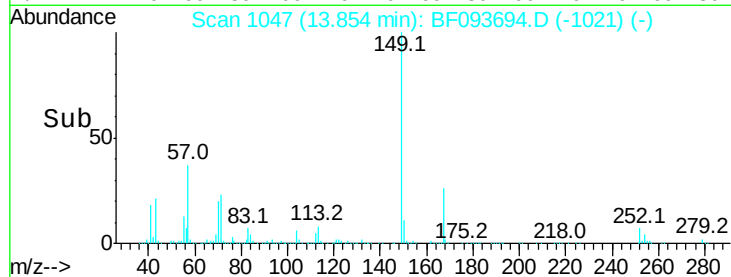
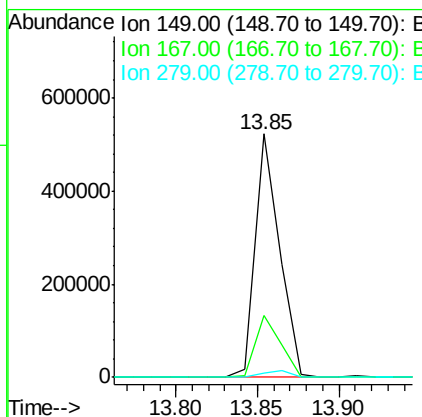
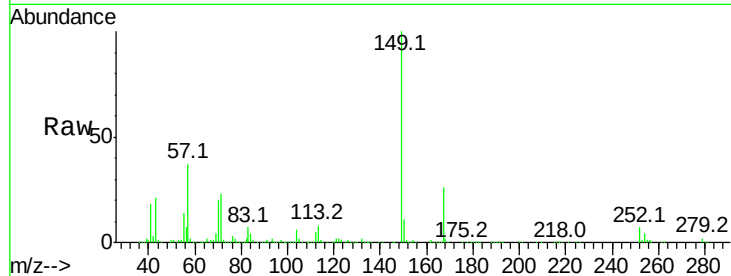




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.65 ng
 RT: 13.85 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BF093694.D
 Acq: 16 Mar 2017 6:02

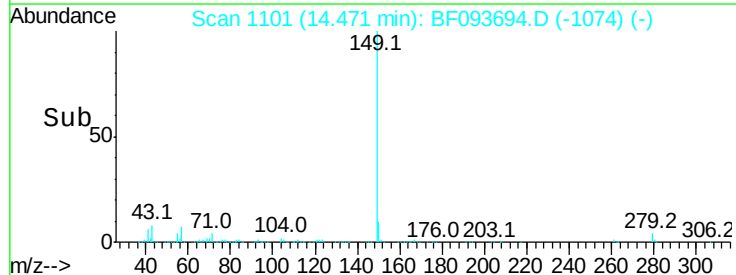
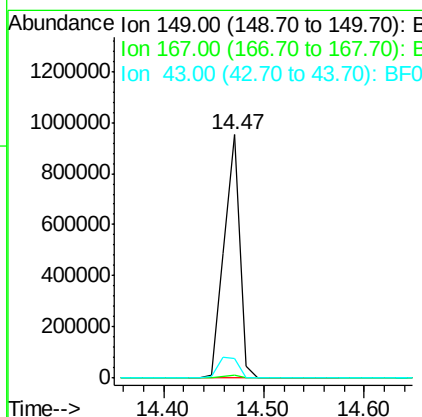
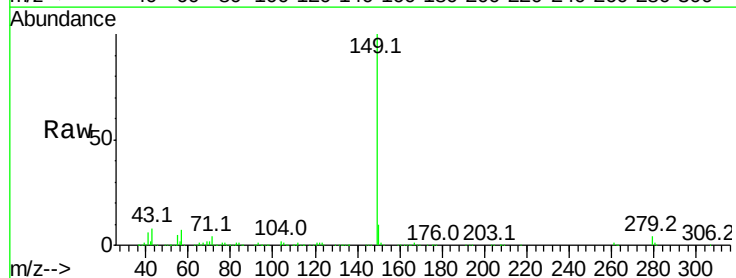
Instrument :
 BNA_F
 ClientSampleId :
 PB97590BSD

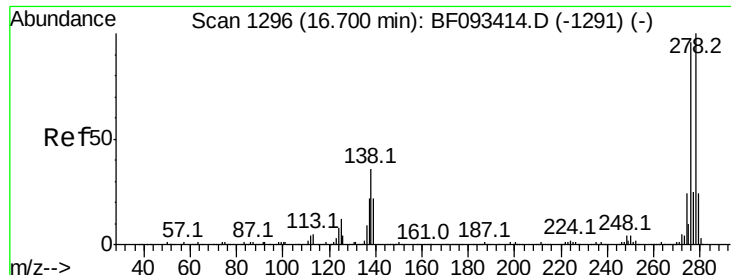
Tot Ion:149 Resp: 543220
 Ion Ratio Lower Upper
 149 100
 167 25.6 20.2 30.4
 279 2.0 1.8 2.8



#84
 Di-n-octyl phthalate
 Concen: 47.54 ng
 RT: 14.47 min Scan# 1101
 Delta R.T. 0.01 min
 Lab File: BF093694.D
 Acq: 16 Mar 2017 6:02

Tgt Ion:149 Resp: 1033392
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 10.9 8.9 13.3

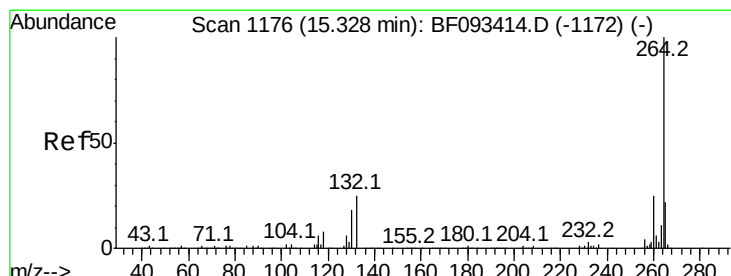
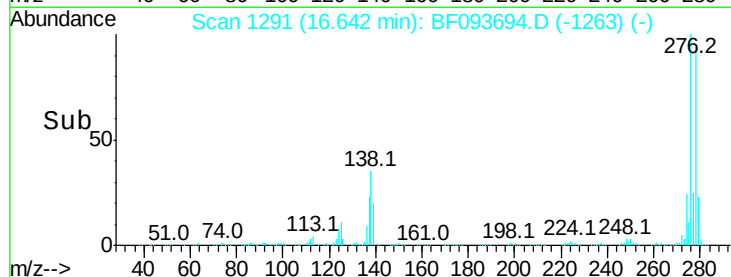
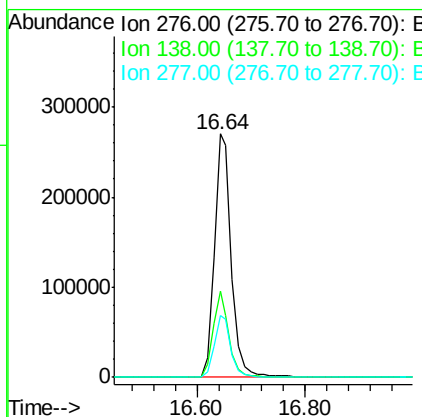
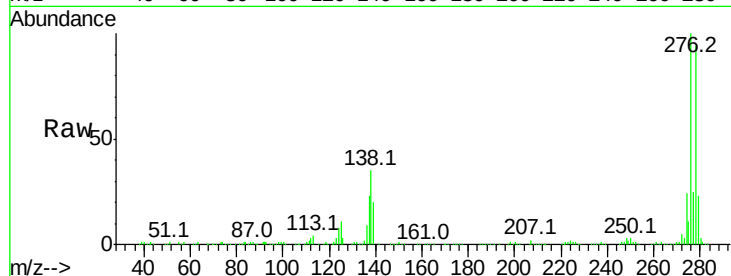




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.36 ng
 RT: 16.64 min Scan# 1291
 Delta R.T. 0.02 min
 Lab File: BF093694.D
 Acq: 16 Mar 2017 6:02

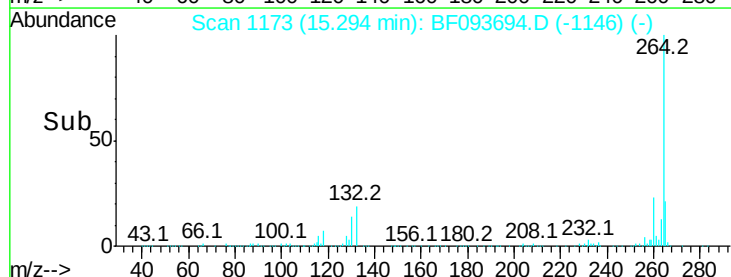
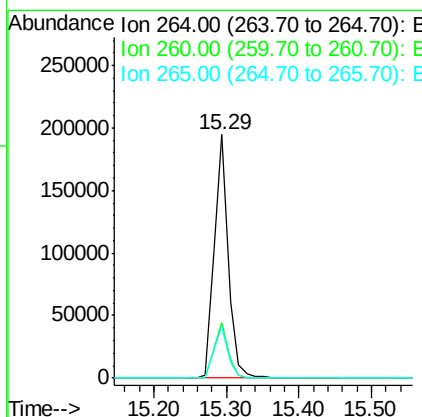
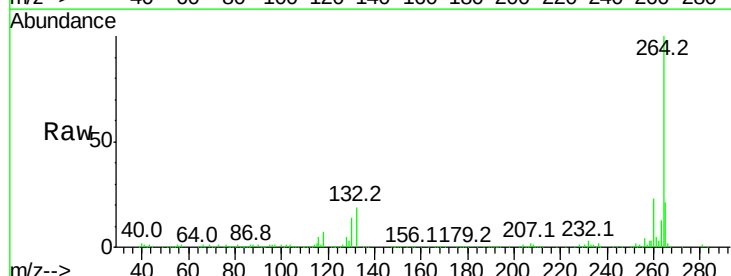
Instrument :
 BNA_F
 ClientSampleId :
 PB97590BSD

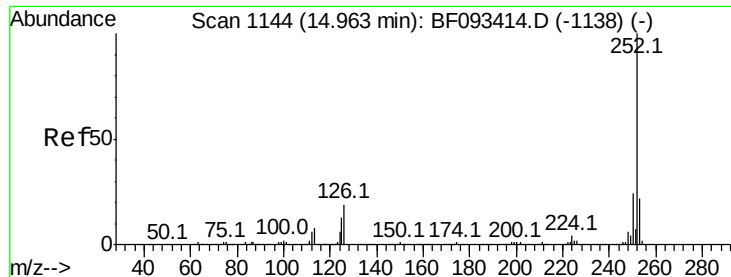
Tot Ion	Ratio	Lower	Upper
276	100		
138	32.9	21.8	32.6#
277	24.9	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1173
 Delta R.T. 0.01 min
 Lab File: BF093694.D
 Acq: 16 Mar 2017 6:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.4	17.4	26.0

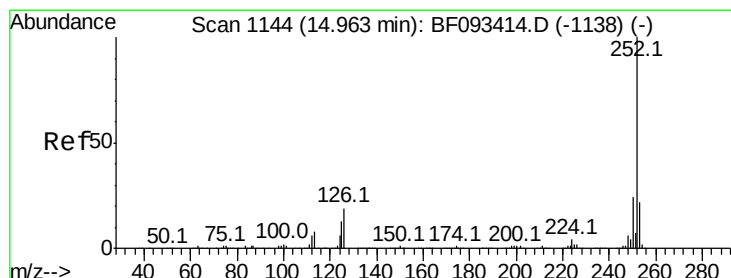
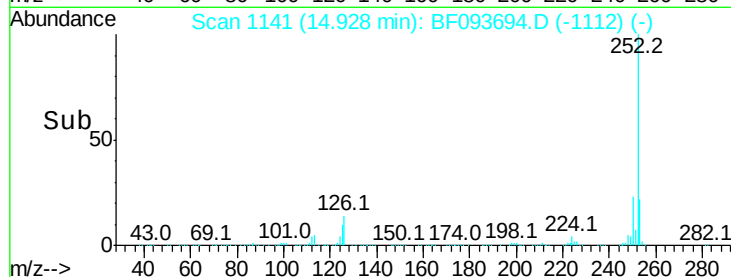
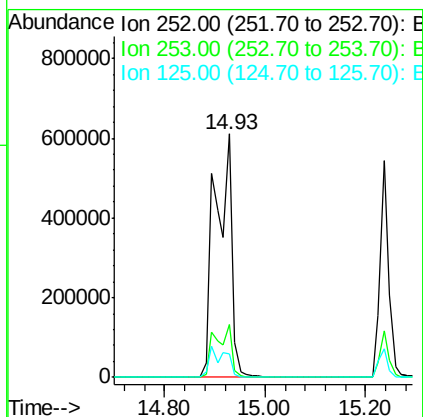
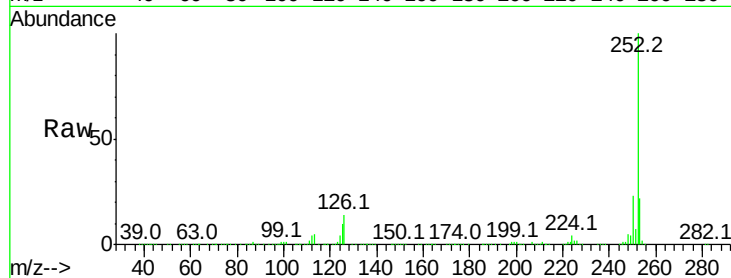




#87
Benzo(b)fluoranthene
Concen: 88.92 ng
RT: 14.93 min Scan# 1141
Delta R.T. 0.03 min
Lab File: BF093694.D
Acq: 16 Mar 2017 6:02

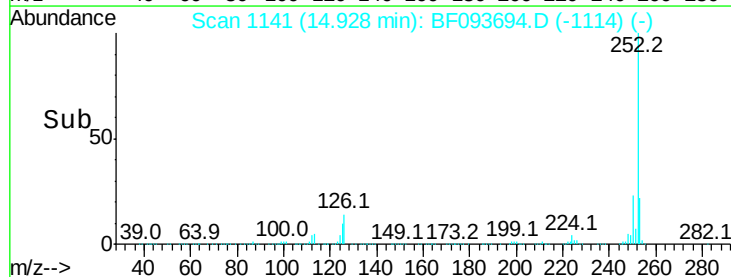
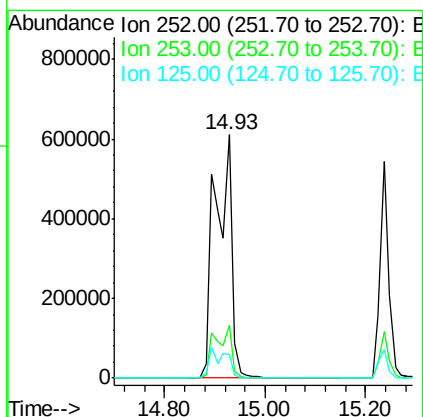
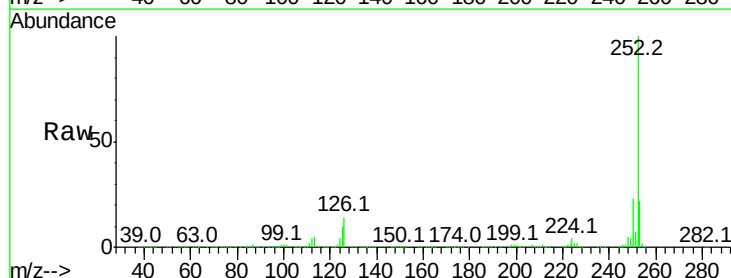
Instrument :
BNA_F
ClientSampleId :
PB97590BSD

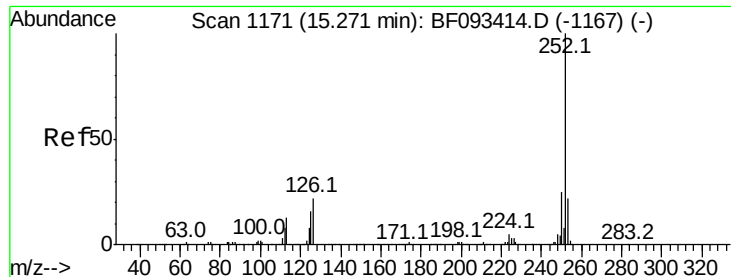
Tot Ion:252 Resp: 1412746
Ion Ratio Lower Upper
252 100
253 21.7 18.2 27.4
125 9.5 9.8 14.6#



#88
Benzo(k)fluoranthene
Concen: 92.20 ng
RT: 14.93 min Scan# 1141
Delta R.T. 0.01 min
Lab File: BF093694.D
Acq: 16 Mar 2017 6:02

Tgt Ion:252 Resp: 1412746
Ion Ratio Lower Upper
252 100
253 21.7 18.5 27.7
125 9.5 8.9 13.3





#89

Benzo(a)pyrene

Concen: 44.96 ng

RT: 15.24 min Scan# 1168

Delta R.T. 0.01 min

Lab File: BF093694.D

Acq: 16 Mar 2017 6:02

Instrument :

BNA_F

ClientSampleId :

PB97590BSD

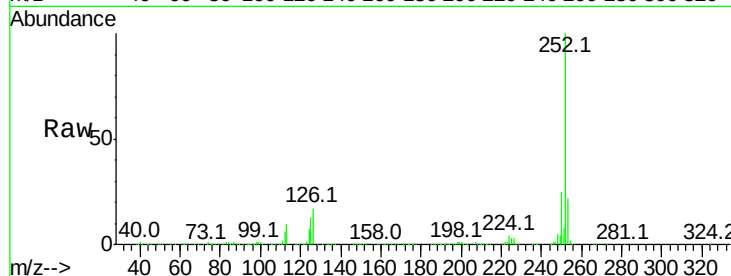
Tot Ion:252 Resp: 652887

Ion Ratio Lower Upper

252 100

253 21.7 18.2 27.2

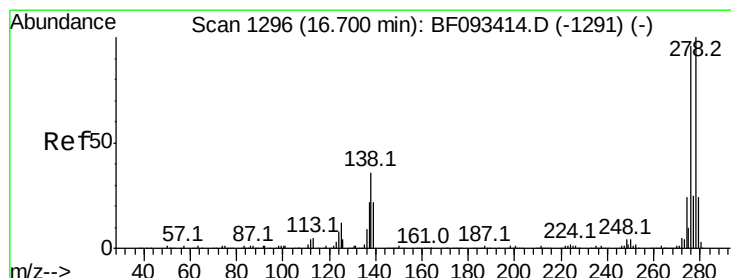
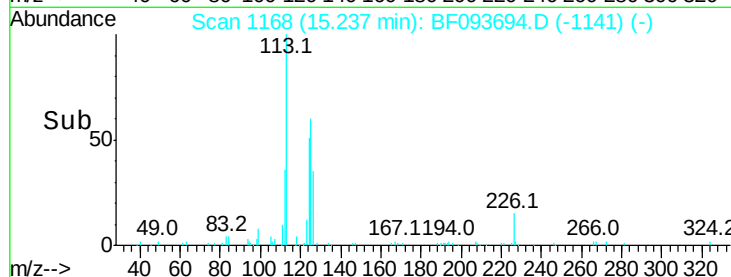
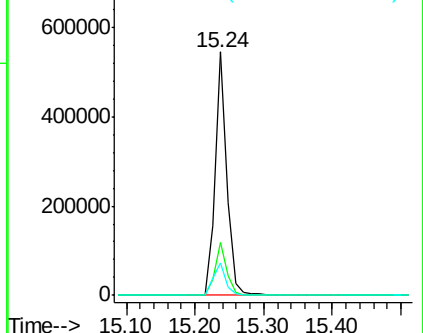
125 13.1 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 42.49 ng

RT: 16.64 min Scan# 1291

Delta R.T. 0.02 min

Lab File: BF093694.D

Acq: 16 Mar 2017 6:02

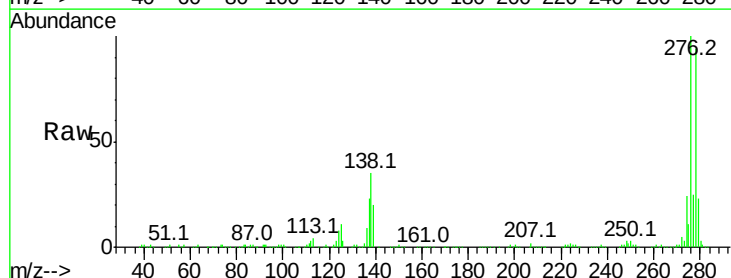
Tgt Ion:278 Resp: 510393

Ion Ratio Lower Upper

278 100

139 21.1 14.8 22.2

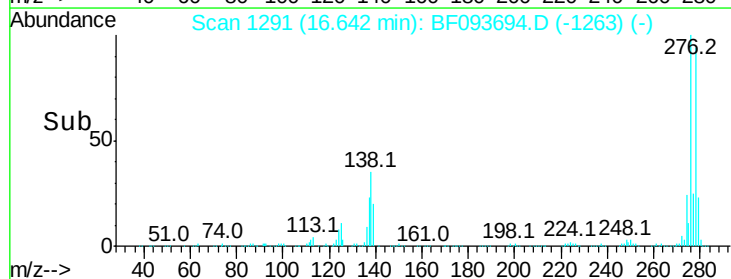
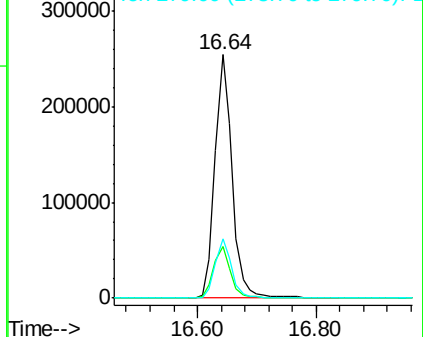
279 24.3 19.8 29.6

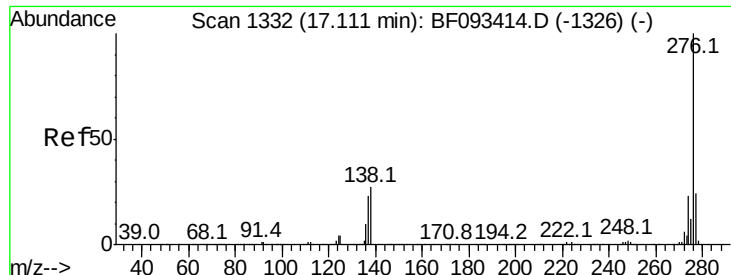


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 39.80 ng
 RT: 17.05 min Scan# 1327
 Delta R.T. 0.03 min
 Lab File: BF093694.D
 Acq: 16 Mar 2017 6:02

Instrument :
 BNA_F
 ClientSampleId :
 PB97590BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.2	28.8
138	27.5	16.0	24.0

