

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031517\
 Data File : BF093693.D
 Acq On : 16 Mar 2017 5:35
 Operator : SJ/MA
 Sample : PB97590BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97590BS

Quant Time: Mar 16 06:46:20 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	159436	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	571671	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	227361	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	328525	20.00	ng	0.00
75) Chrysene-d12	13.89	240	314719	20.00	ng	0.00
86) Perylene-d12	15.29	264	257367	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	966207	100.86	ng	0.00
7) Phenol-d6	6.38	99	1162570	96.24	ng	0.00
23) Nitrobenzene-d5	7.29	82	896079	86.97	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	141953	95.83	ng	0.01
44) 2-Fluorobiphenyl	9.09	172	1427927	116.82	ng	0.00
78) Terphenyl-d14	12.83	244	923043	76.25	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.25	88	224256	42.50	ng	# 83
3) Pyridine	2.93	79	492217	36.59	ng	# 85
4) n-Nitrosodimethylamine	2.90	42	304042	47.32	ng	86
6) Aniline	6.38	93	330294	19.92	ng	# 91
8) 2-Chlorophenol	6.50	128	485444	45.23	ng	99
9) Benzaldehyde	6.25	77	280315	36.68	ng	# 80
10) Phenol	6.39	94	714644	48.28	ng	81
11) bis(2-Chloroethyl)ether	6.45	93	537898	44.96	ng	91
12) 1,3-Dichlorobenzene	6.64	146	532738m	43.36	ng	
13) 1,4-Dichlorobenzene	6.72	146	555465	44.16	ng	98
14) 1,2-Dichlorobenzene	6.88	146	485362	43.57	ng	95
15) Benzyl Alcohol	6.88	79	356700	41.42	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.00	45	866581	43.60	ng	81
17) 2-Methylphenol	7.01	107	387727	42.71	ng	98
18) Hexachloroethane	7.21	117	150669	35.52	ng	100
19) n-Nitroso-di-n-propylamine	7.14	70	331801	39.95	ng	# 93
20) 3+4-Methylphenols	7.17	107	475503	40.39	ng	# 69
22) Acetophenone	7.13	105	605933	44.05	ng	95
24) Nitrobenzene	7.30	77	449648	38.83	ng	100
25) Isophorone	7.54	82	774611	37.28	ng	# 93
26) 2-Nitrophenol	7.62	139	217910	41.25	ng	97
27) 2,4-Dimethylphenol	7.68	122	379207	44.12	ng	95
28) bis(2-Chloroethoxy)methane	7.76	93	575836	43.90	ng	99
29) 2,4-Dichlorophenol	7.90	162	361634	44.73	ng	93
30) 1,2,4-Trichlorobenzene	7.94	180	369622	42.99	ng	96
31) Naphthalene	8.02	128	1185315	41.37	ng	99
32) Benzoic acid	7.84	122	123551	27.66	ng	97
33) 4-Chloroaniline	8.13	127	108529	9.34	ng	96
34) Hexachlorobutadiene	8.14	225	198695	44.86	ng	99
35) Caprolactam	8.47	113	102814	37.23	ng	# 40
36) 4-Chloro-3-methylphenol	8.61	107	328337	38.05	ng	95
37) 2-Methylnaphthalene	8.72	142	762780m	41.85	ng	
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	318817	51.35	ng	99
40) Hexachlorocyclopentadiene	8.86	237	20605	23.25	ng	92

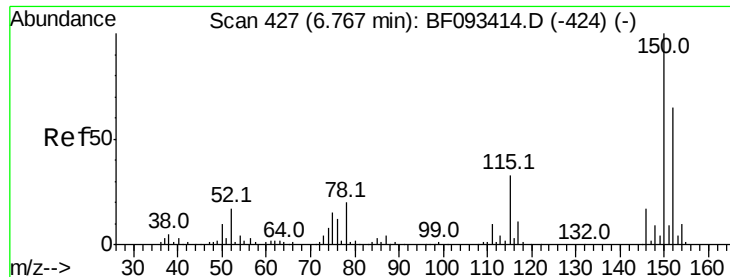
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	206426	53.22	nq	93
43) 2,4,5-Trichlorophenol	9.08	196	177009	42.53	nq	94
45) 1,1'-Biphenyl	9.18	154	845697	51.06	nq	96
46) 2-Chloronaphthalene	9.21	162	677962	53.48	nq	97
47) 2-Nitroaniline	9.33	65	214611	47.89	nq	90
48) Acenaphthylene	9.62	152	1013428	48.47	nq	98
49) Dimethylphthalate	9.49	163	744594	49.40	nq	98
50) 2,6-Dinitrotoluene	9.57	165	172507	52.16	nq	92
51) Acenaphthene	9.80	154	586259	47.42	nq	97
52) 3-Nitroaniline	9.74	138	111165	27.98	nq	87
53) 2,4-Dinitrophenol	9.90	184	7174	4.76	nq	# 47
54) Dibenzofuran	9.97	168	865496	55.93	nq	99
55) 4-Nitrophenol	9.96	139	80888m	41.91	nq	
56) 2,4-Dinitrotoluene	9.98	165	194395	47.84	nq	95
57) Fluorene	10.31	166	647204	49.35	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.10	232	143460	48.84	nq	90
59) Diethylphthalate	10.18	149	703315	48.82	nq	99
60) 4-Chlorophenyl-phenylether	10.30	204	289056	49.18	nq	92
61) 4-Nitroaniline	10.36	138	143271	35.26	nq	92
62) Azobenzene	10.46	77	756969	46.24	nq	97
64) 4,6-Dinitro-2-methylphenol	10.40	198	21980	10.33	nq	75
65) n-Nitrosodiphenylamine	10.42	169	547246	49.89	nq	99
66) 4-Bromophenyl-phenylether	10.79	248	170505	49.08	nq	92
67) Hexachlorobenzene	10.86	284	157675	47.53	nq	# 86
68) Atrazine	10.96	200	158614	49.40	nq	96
69) Pentachlorophenol	11.08	266	76835	67.09	nq	99
70) Phenanthrene	11.27	178	814140	43.42	nq	98
71) Anthracene	11.33	178	882846	46.54	nq	98
72) Carbazole	11.50	167	756084	42.43	nq	# 96
73) Di-n-butylphthalate	11.81	149	970517	47.07	nq	# 98
74) Fluoranthene	12.46	202	813296	44.90	nq	98
76) Benzidine	12.60	184	390009	37.68	nq	97
77) Pyrene	12.69	202	844442	36.89	nq	99
79) Butylbenzylphthalate	13.31	149	408861	42.43	nq	# 82
80) Benzo(a)anthracene	13.88	228	758662	40.82	nq	100
81) 3,3'-Dichlorobenzidine	13.84	252	274816	42.22	nq	# 96
82) Chrysene	13.91	228	697299	40.55	nq	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	569059	42.37	nq	100
84) Di-n-octyl phthalate	14.47	149	1034429	46.21	nq	100
85) Indeno(1,2,3-cd)pyrene	16.64	276	597556	41.51	nq	# 94
87) Benzo(b)fluoranthene	14.89	252	940054m	59.97	nq	
88) Benzo(k)fluoranthene	14.93	252	497723m	32.93	nq	
89) Benzo(a)pyrene	15.24	252	652983	45.58	nq	98
90) Dibenzo(a,h)anthracene	16.64	278	510700	43.09	nq	97
91) Benzo(g,h,i)perylene	17.05	276	486572	40.00	nq	# 93

(#) = 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

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PB97590BS

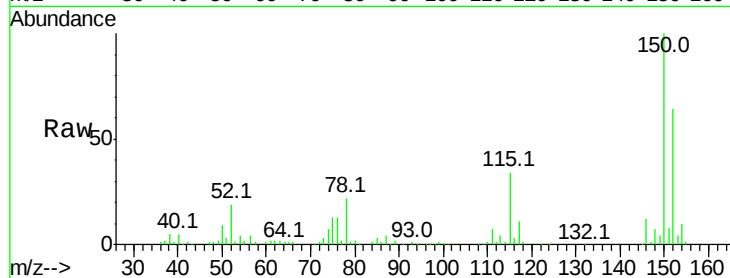
Tot Ion:152 Resp: 159436

Ion Ratio Lower Upper

152 100

150 156.3 124.9 187.3

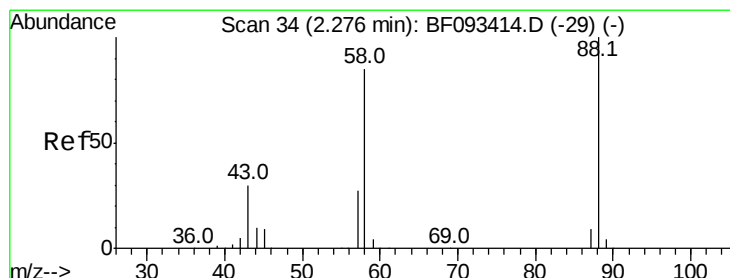
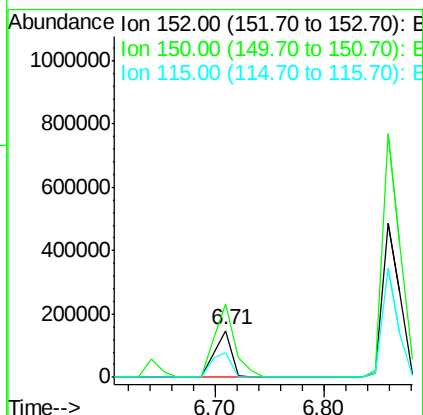
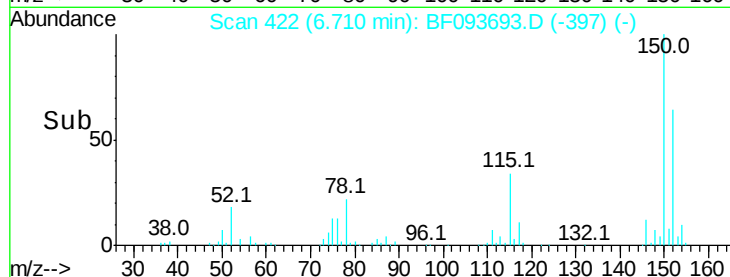
115 53.6 46.0 69.0



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: 42.50 ng

RT: 2.25 min Scan# 32

Delta R.T. 0.07 min

Lab File: BF093693.D

Acq: 16 Mar 2017 5:35

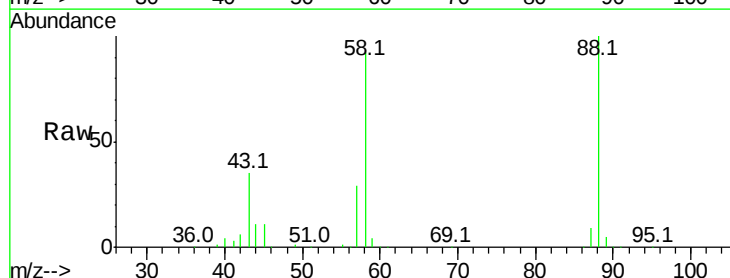
Tgt Ion: 88 Resp: 224256

Ion Ratio Lower Upper

88 100

58 89.8 57.8 86.8#

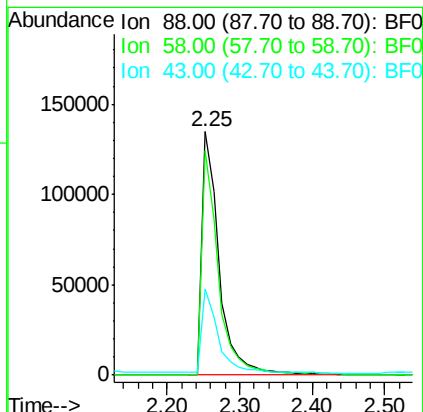
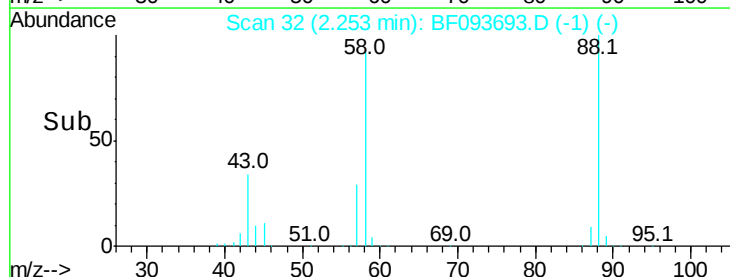
43 32.0 22.3 33.5

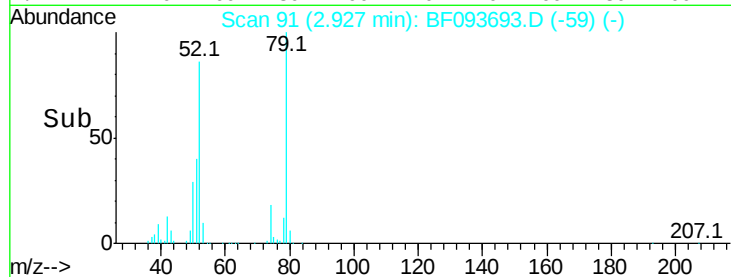
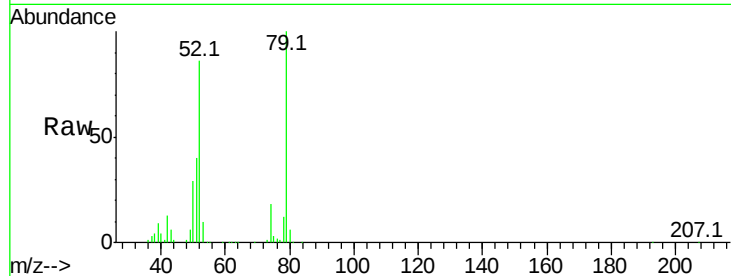
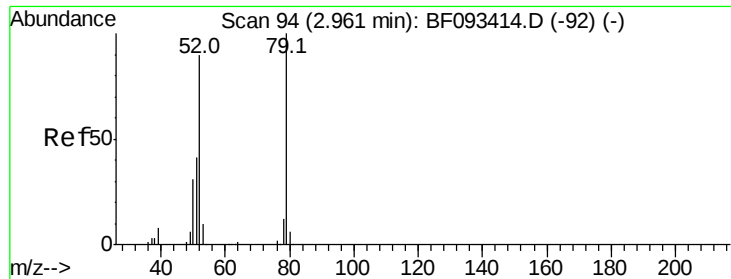


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 36.59 ng

RT: 2.93 min Scan# 91

Delta R.T. 0.07 min

Lab File: BF093693.D

Acq: 16 Mar 2017 5:35

Instrument :

BNA_F

ClientSampleId :

PB97590BS

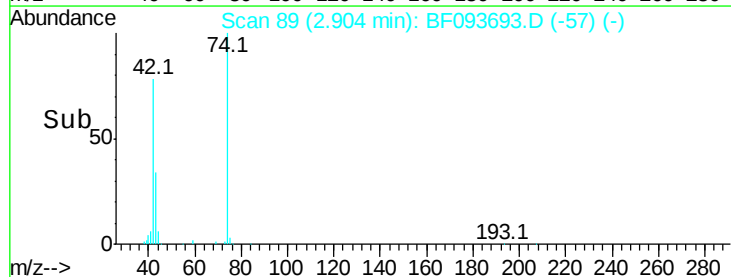
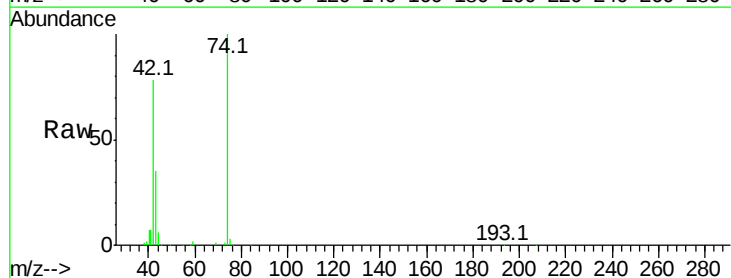
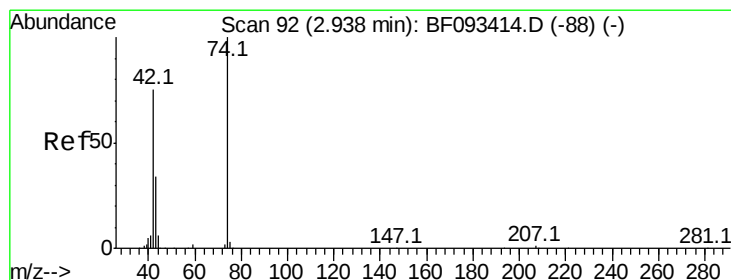
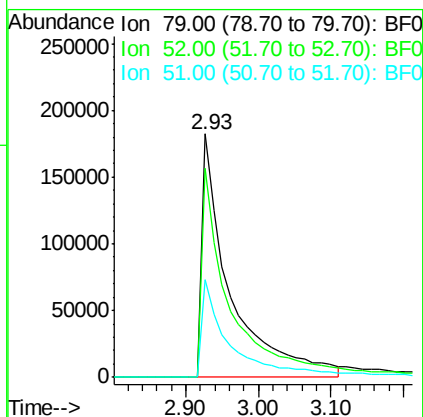
Tot Ion: 79 Resp: 492217

Ion Ratio Lower Upper

79 100

52 85.8 57.1 85.7#

51 40.4 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 47.32 ng

RT: 2.90 min Scan# 89

Delta R.T. 0.07 min

Lab File: BF093693.D

Acq: 16 Mar 2017 5:35

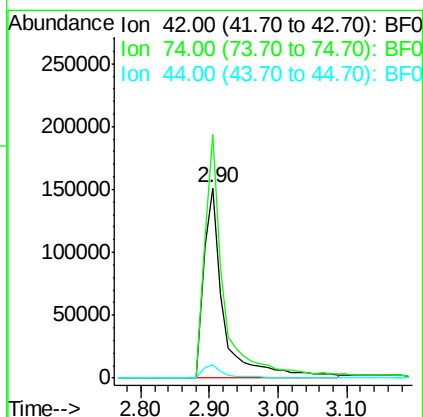
Tgt Ion: 42 Resp: 304042

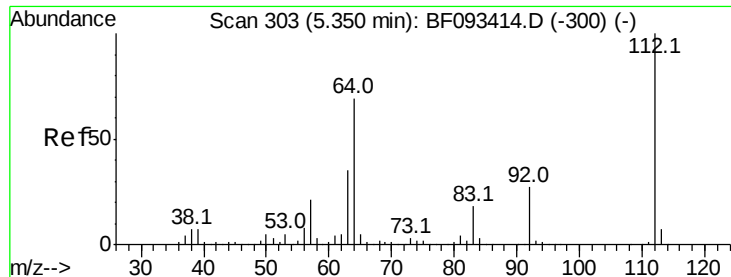
Ion Ratio Lower Upper

42 100

74 128.1 117.0 175.4

44 7.2 5.5 8.3





#5

2-Fluorophenol

Concen: 100.86 ng

RT: 5.32 min Scan# 300

Delta R.T. 0.00 min

Lab File: BF093693.D

Acq: 16 Mar 2017 5:35

Instrument :

BNA_F

ClientSampleId :

PB97590BS

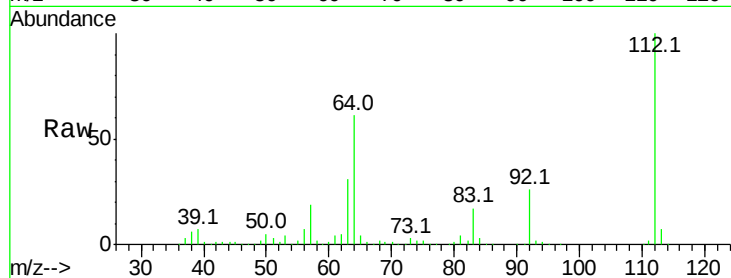
Tot Ion:112 Resp: 966207

Ion Ratio Lower Upper

112 100

64 60.6 46.1 69.1

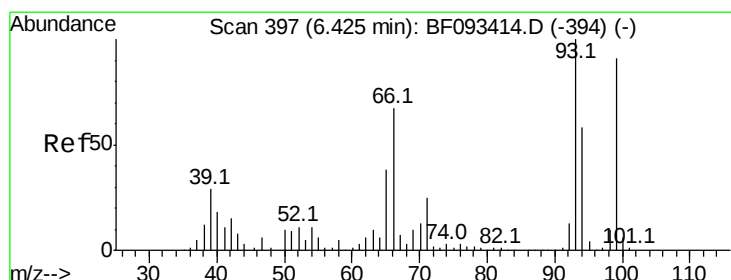
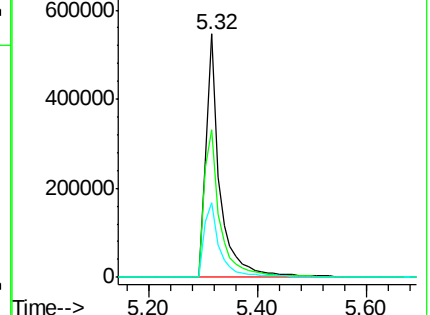
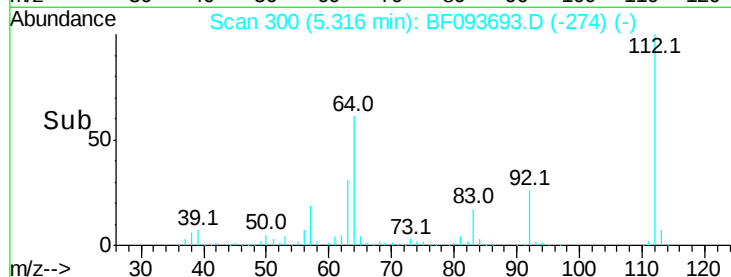
63 30.9 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 19.92 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF093693.D

Acq: 16 Mar 2017 5:35

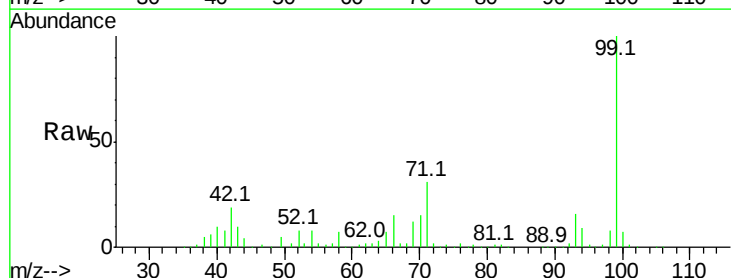
Tgt Ion: 93 Resp: 330294

Ion Ratio Lower Upper

93 100

66 97.1 76.2 114.2

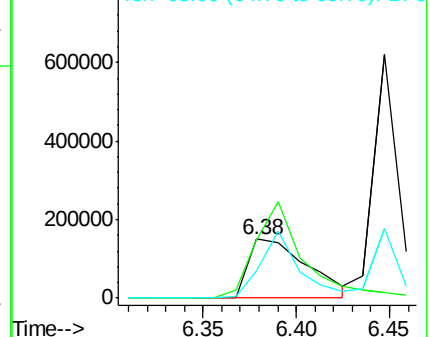
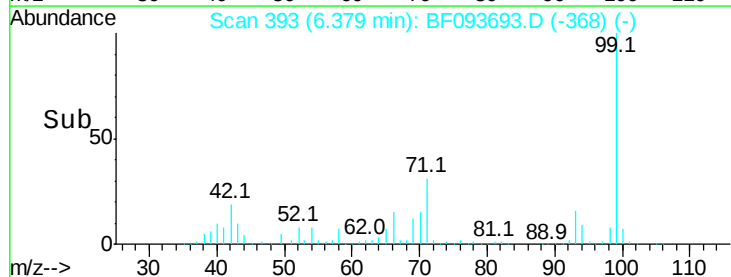
65 46.0 49.3 73.9#

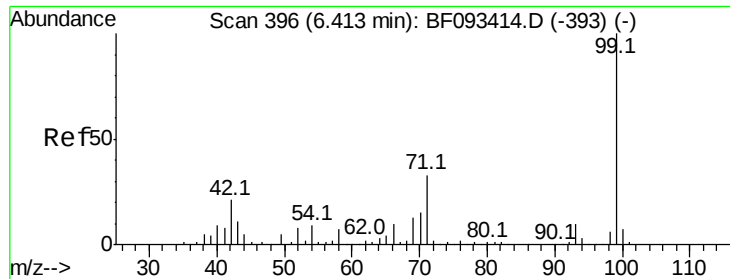


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 96.24 ng

RT: 6.38 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF093693.D

Acq: 16 Mar 2017 5:35

Instrument :

BNA_F

ClientSampleId :

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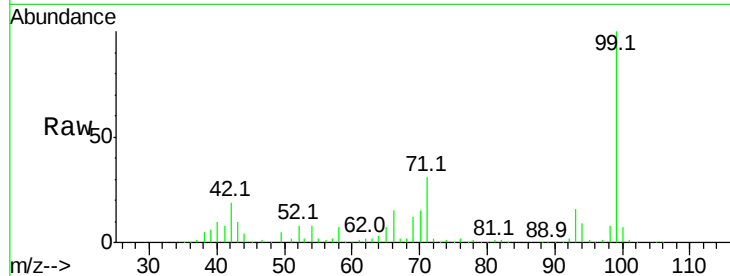
Tot Ion: 99 Resp: 1162570

Ion Ratio Lower Upper

99 100

42 19.1 15.6 23.4

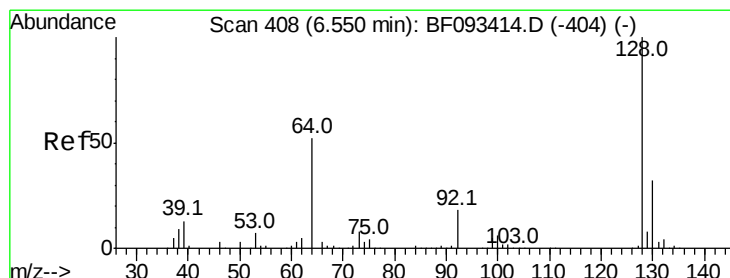
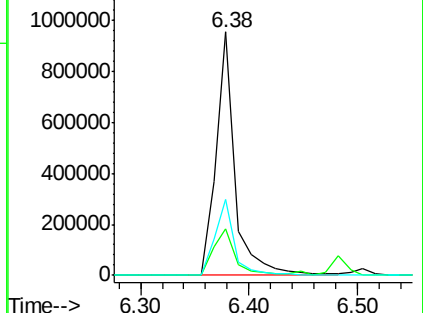
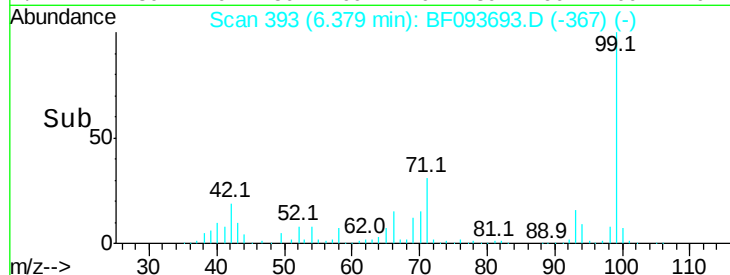
71 31.0 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 45.23 ng

RT: 6.50 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF093693.D

Acq: 16 Mar 2017 5:35

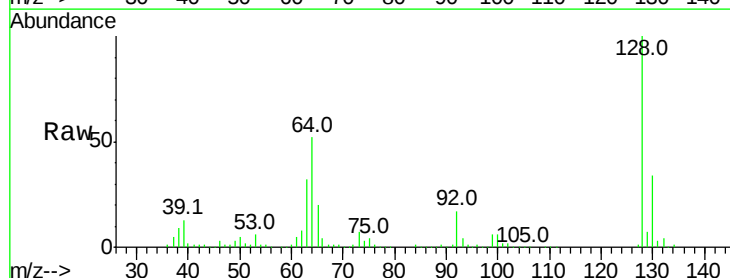
Tgt Ion:128 Resp: 485444

Ion Ratio Lower Upper

128 100

130 33.5 12.3 52.3

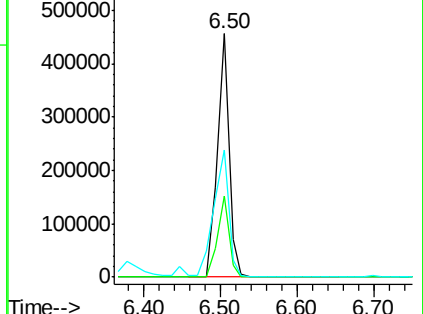
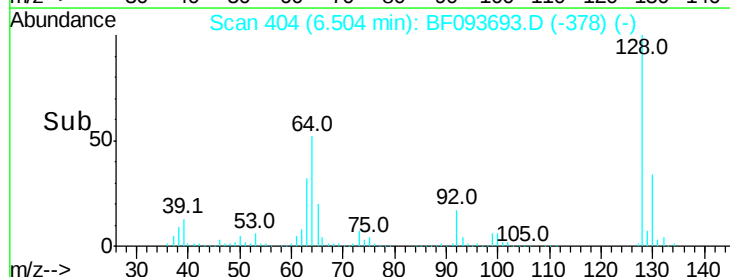
64 52.0 32.2 72.2



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

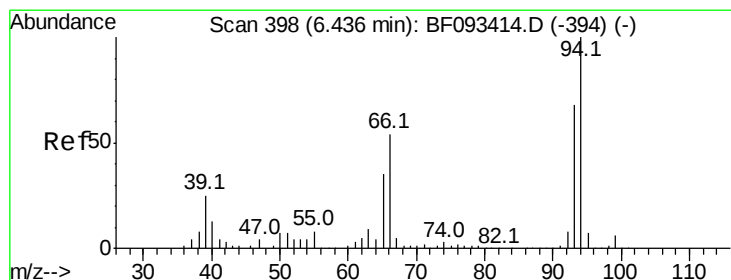
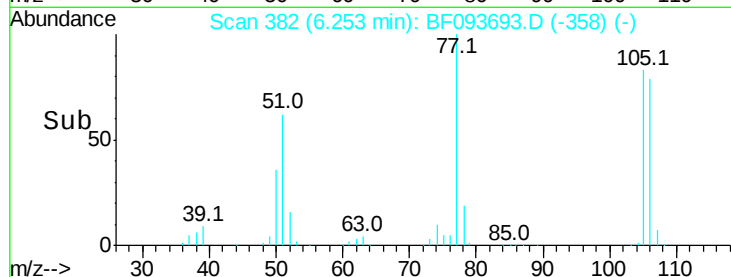
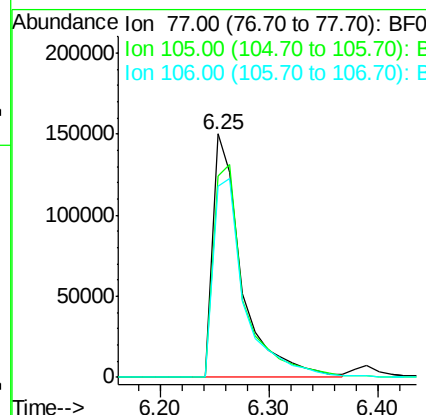
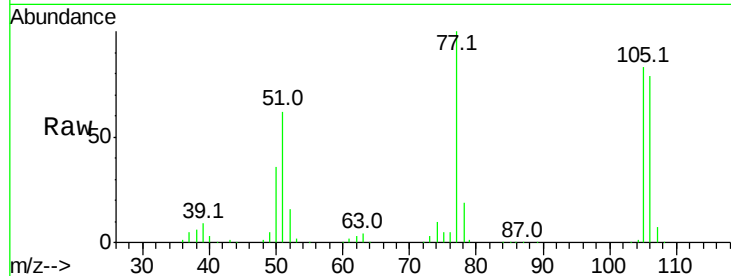




#9
Benzaldehyde
Concen: 36.68 ng
RT: 6.25 min Scan# 382
Delta R.T. -0.02 min
Lab File: BF093693.D
Acq: 16 Mar 2017 5:35

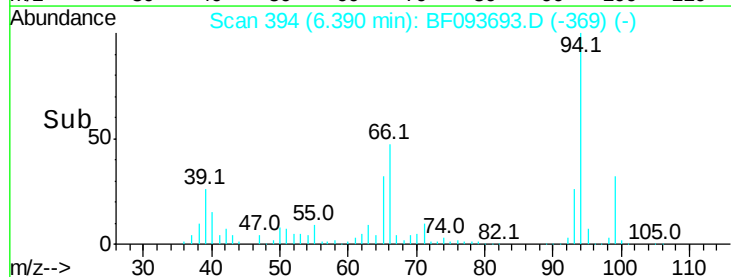
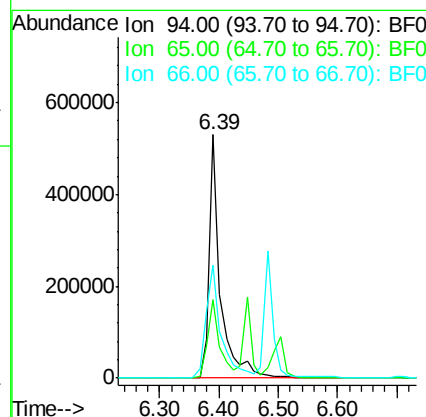
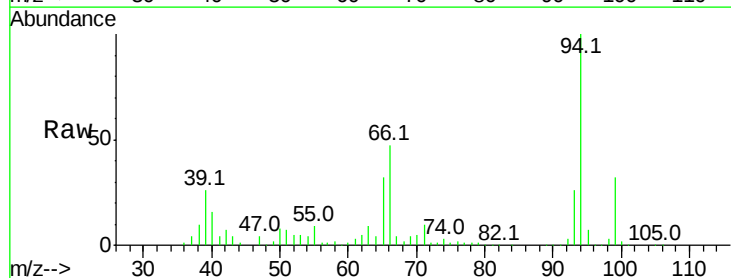
Instrument :
BNA_F
ClientSampleId :
PB97590BS

Tot Ion: 77 Resp: 280315
Ion Ratio Lower Upper
77 100
105 82.7 83.9 123.9#
106 78.6 77.6 117.6



#10
Phenol
Concen: 48.28 ng
RT: 6.39 min Scan# 394
Delta R.T. -0.01 min
Lab File: BF093693.D
Acq: 16 Mar 2017 5:35

Tgt Ion: 94 Resp: 714644
Ion Ratio Lower Upper
94 100
65 32.2 21.4 61.4
66 46.5 44.0 84.0





#11

bis(2-Chloroethyl)ether

Concen: 44.96 ng

RT: 6.45 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF093693.D

Acq: 16 Mar 2017 5:35

Instrument :

BNA_F

ClientSampleId :

PB97590BS

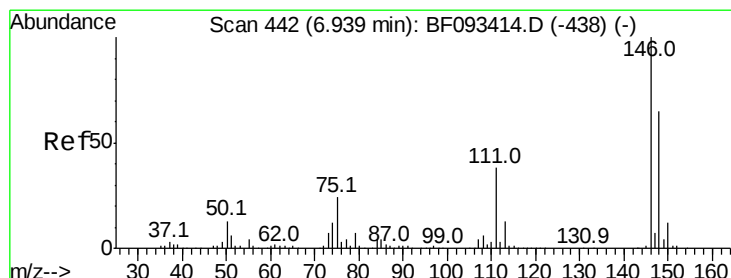
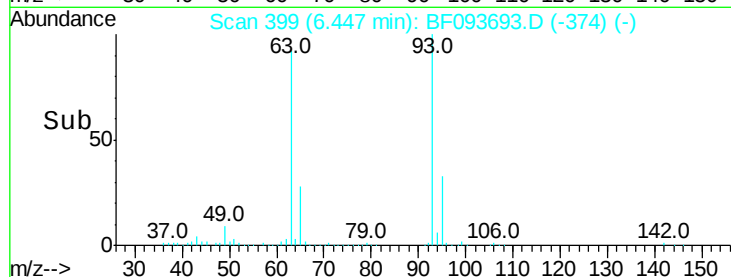
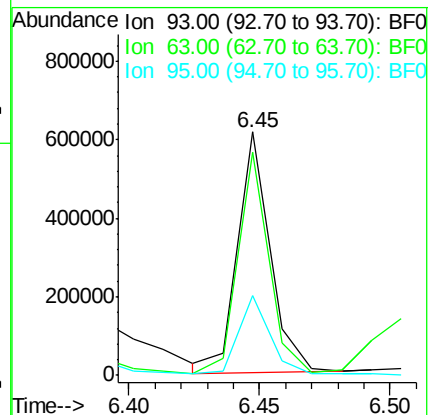
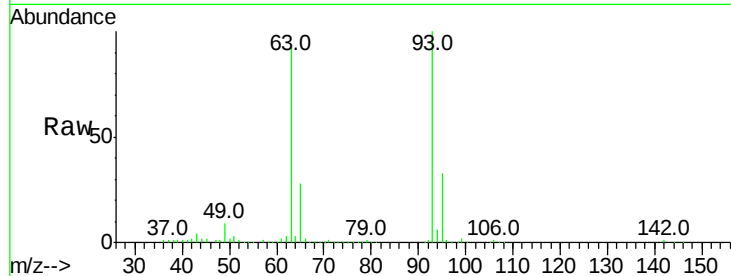
Tot Ion: 93 Resp: 537898

Ion Ratio Lower Upper

93 100

63 91.5 60.4 100.4

95 32.6 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 43.36 ng m

RT: 6.64 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF093693.D

Acq: 16 Mar 2017 5:35

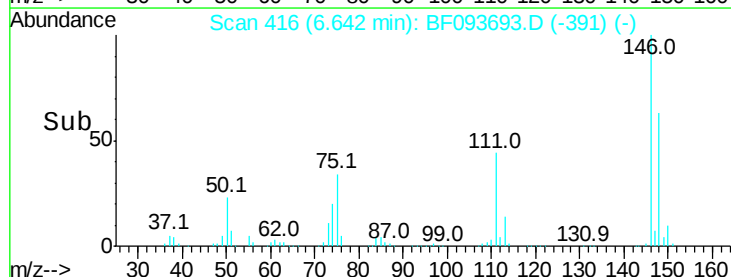
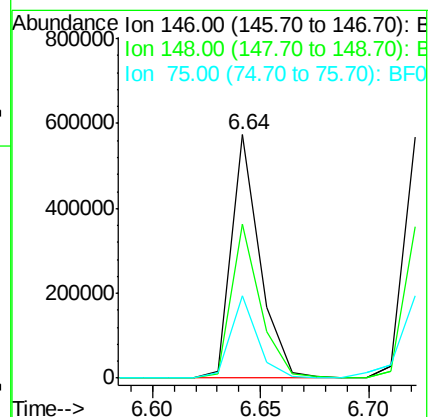
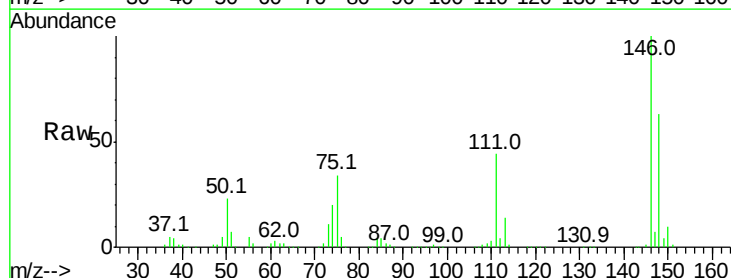
Tgt Ion: 146 Resp: 532738

Ion Ratio Lower Upper

146 100

148 63.3 53.4 80.0

75 33.8 18.5 27.7#

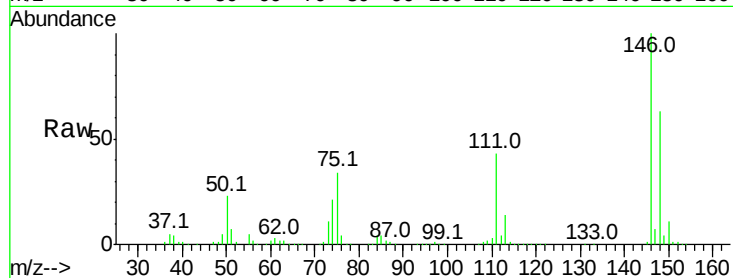




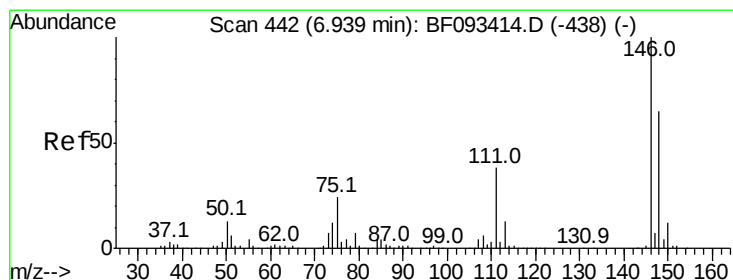
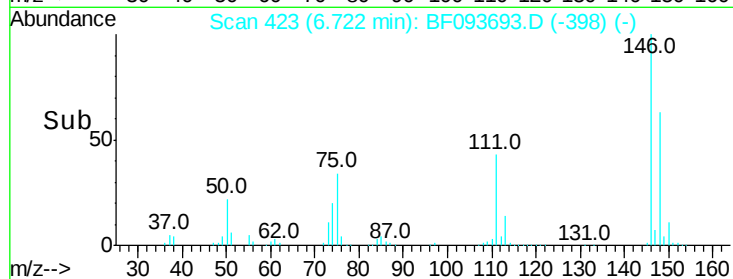
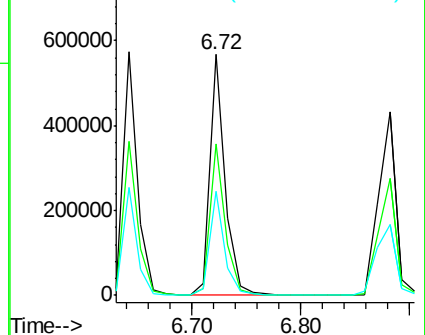
#13
 1,4-Dichlorobenzene
 Concen: 44.16 ng
 RT: 6.72 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: BF093693.D
 Acq: 16 Mar 2017 5:35

Instrument :
 BNA_F
 ClientSampleId :
 PB97590BS

Tot Ion:146 Resp: 555465
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.6 76.0
 111 43.0 36.2 54.4

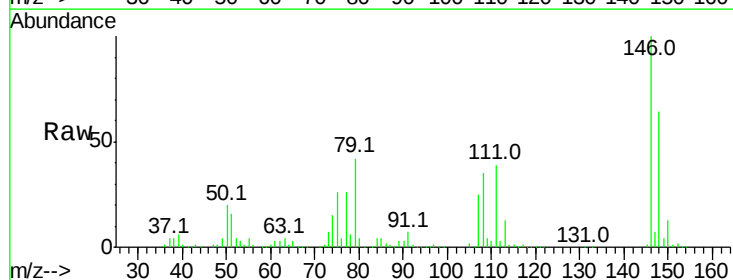


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

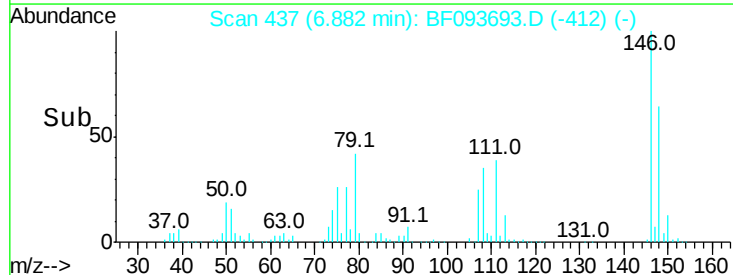
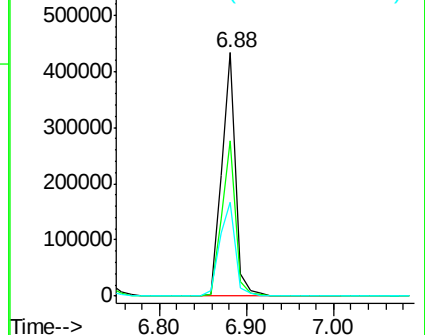


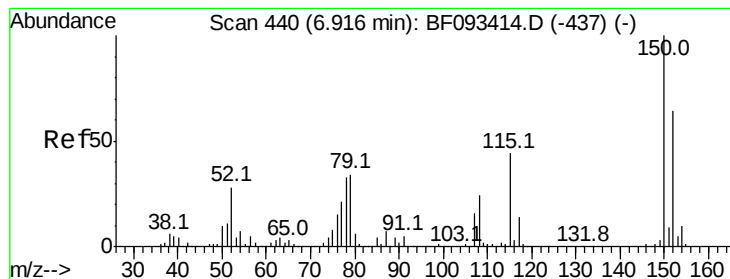
#14
 1,2-Dichlorobenzene
 Concen: 43.57 ng
 RT: 6.88 min Scan# 437
 Delta R.T. -0.01 min
 Lab File: BF093693.D
 Acq: 16 Mar 2017 5:35

Tgt Ion:146 Resp: 485362
 Ion Ratio Lower Upper
 146 100
 148 63.7 52.2 78.2
 111 38.7 36.2 54.2



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





#15

Benzyl Alcohol

Concen: 41.42 ng

RT: 6.88 min Scan# 437

Delta R.T. 0.00 min

Lab File: BF093693.D

Acq: 16 Mar 2017 5:35

Instrument :

BNA_F

ClientSampleID :

PB97590BS

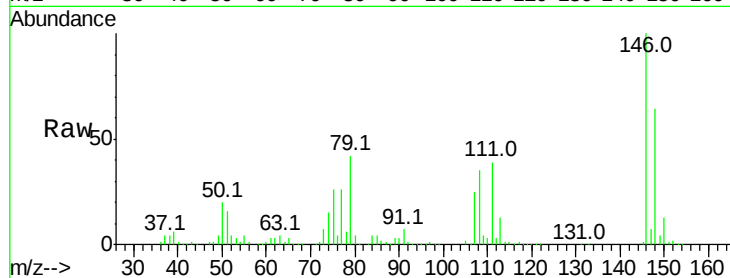
Tot Ion: 79 Resp: 356700

Ion Ratio Lower Upper

79 100

108 83.4 61.4 92.0

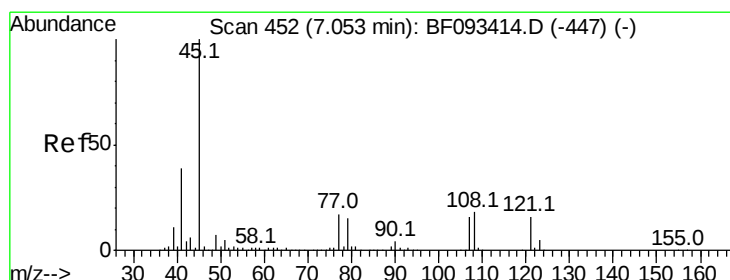
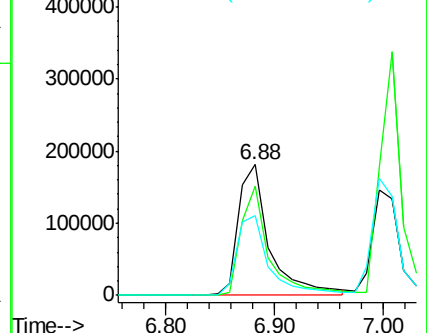
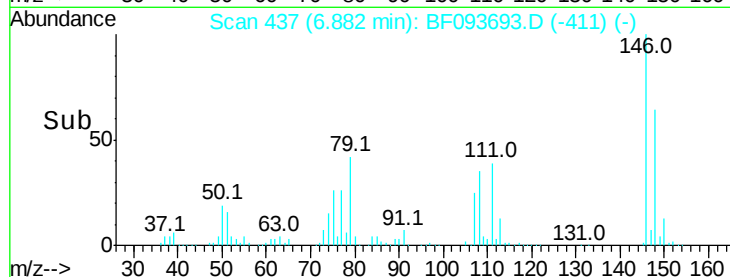
77 61.4 50.9 76.3



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: 43.60 ng

RT: 7.00 min Scan# 447

Delta R.T. -0.01 min

Lab File: BF093693.D

Acq: 16 Mar 2017 5:35

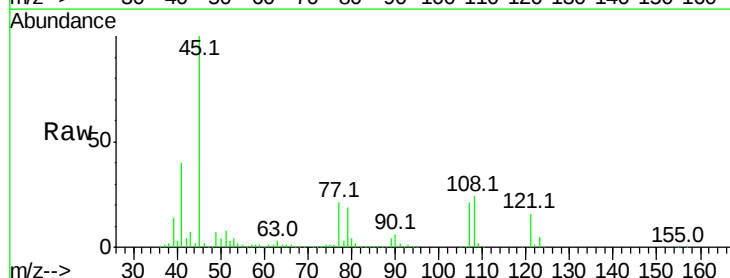
Tgt Ion: 45 Resp: 866581

Ion Ratio Lower Upper

45 100

77 21.4 0.0 34.6

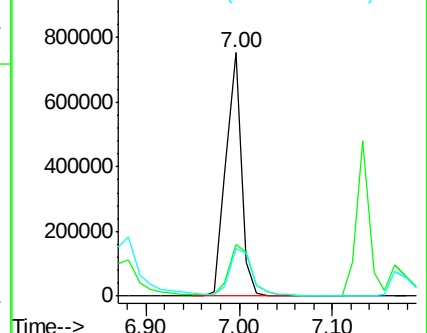
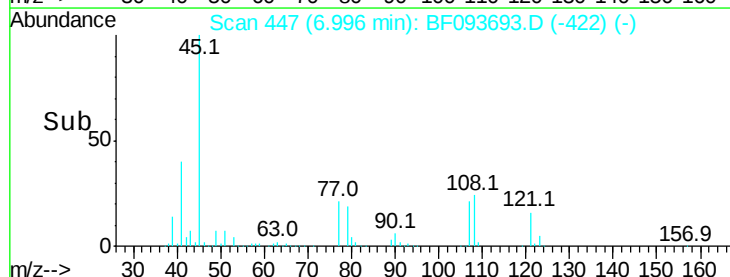
79 19.5 0.0 31.2

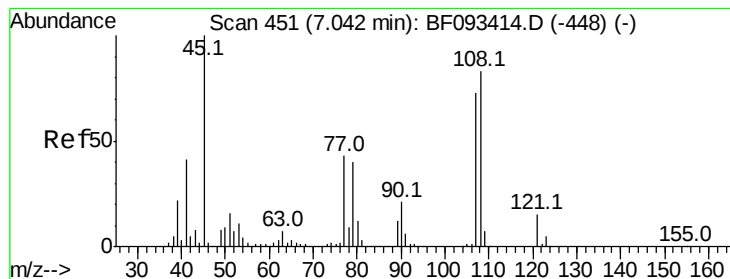


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

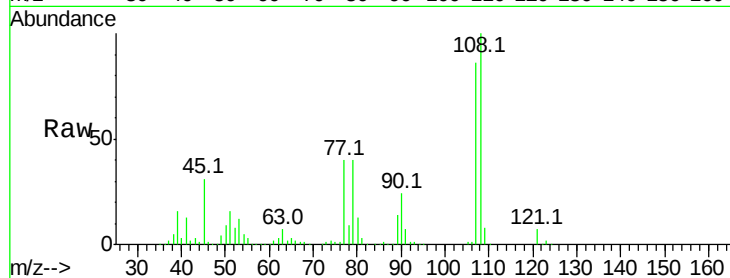




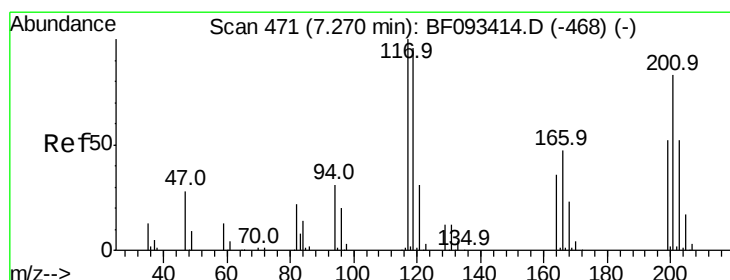
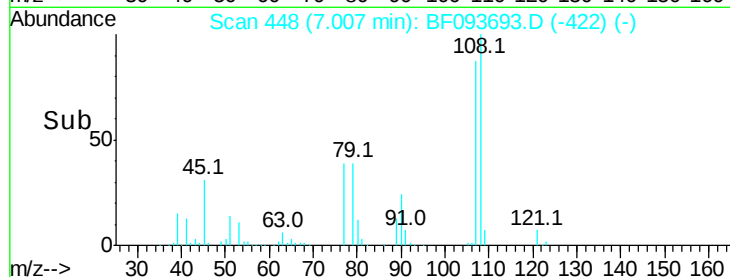
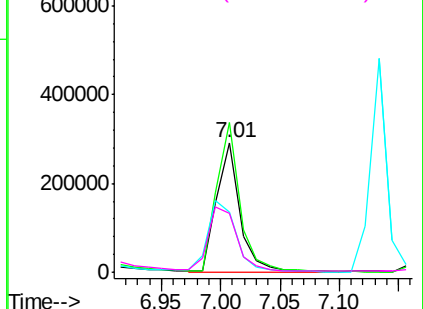
#17
 2-Methylphenol
 Concen: 42.71 ng
 RT: 7.01 min Scan# 448
 Delta R.T. 0.00 min
 Lab File: BF093693.D
 Acq: 16 Mar 2017 5:35

Instrument :
 BNA_F
 ClientSampleId :
 PB97590BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.7	93.0	139.6
77	46.8	39.8	59.8
79	45.9	38.0	57.0

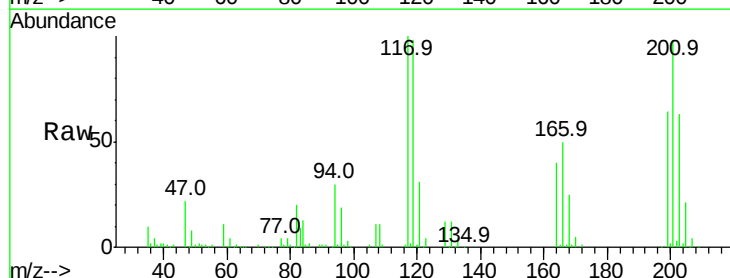


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BF0
 Ion 79.00 (78.70 to 79.70): BF0

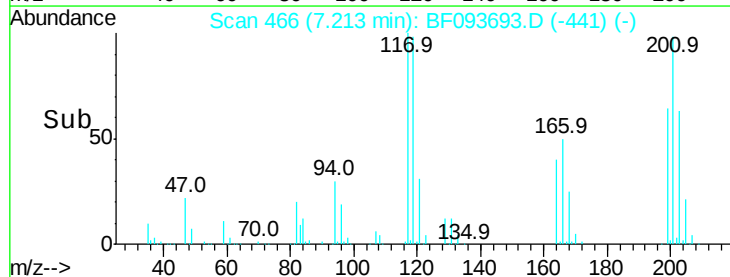
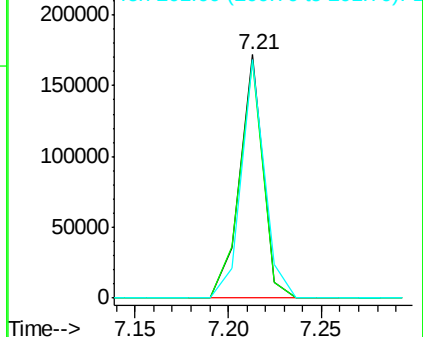


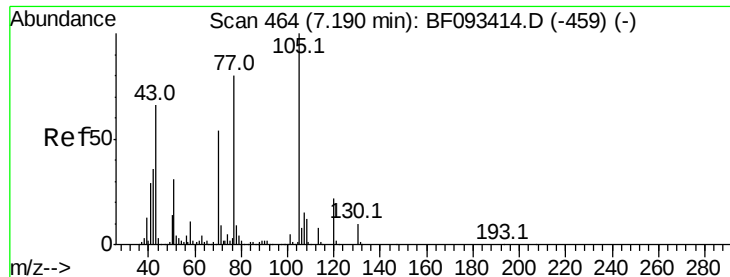
#18
 Hexachloroethane
 Concen: 35.52 ng
 RT: 7.21 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF093693.D
 Acq: 16 Mar 2017 5:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.5	78.1	117.1
201	98.0	78.6	117.8



Abundance Ion 117.00 (116.70 to 117.70): E
 Ion 119.00 (118.70 to 119.70): E
 Ion 201.00 (200.70 to 201.70): E

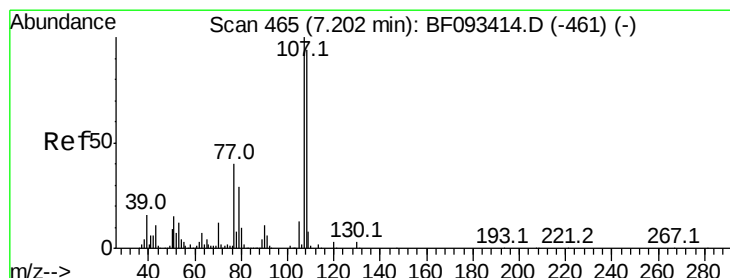
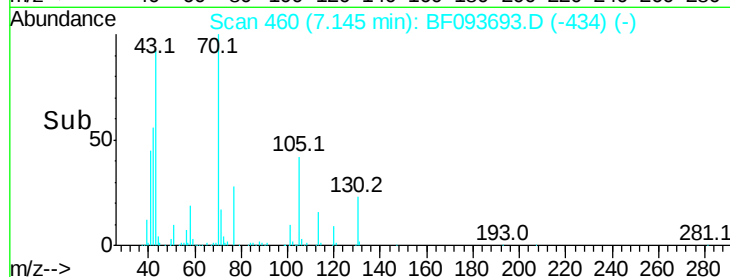
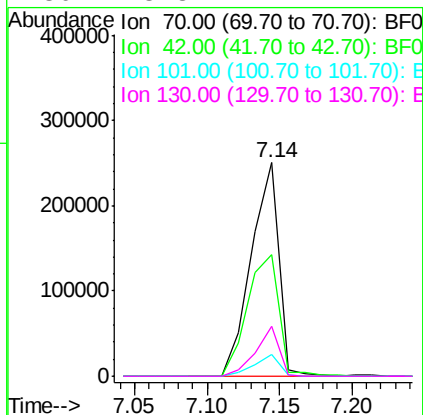
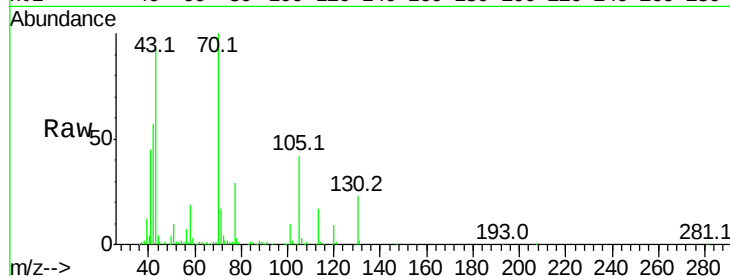




#19
n-Nitroso-di-n-propylamine
Concen: 39.95 ng
RT: 7.14 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF093693.D
Acq: 16 Mar 2017 5:35

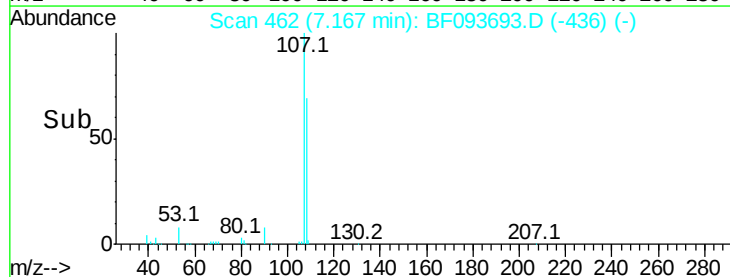
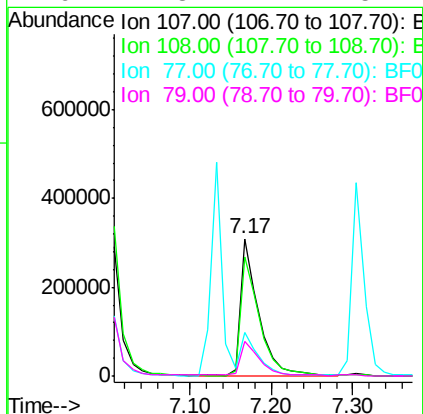
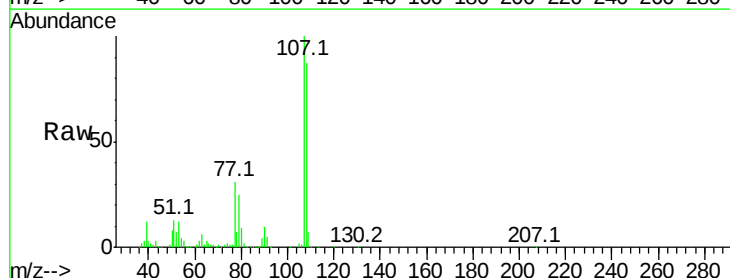
Instrument :
BNA_F
ClientSampleId :
PB97590BS

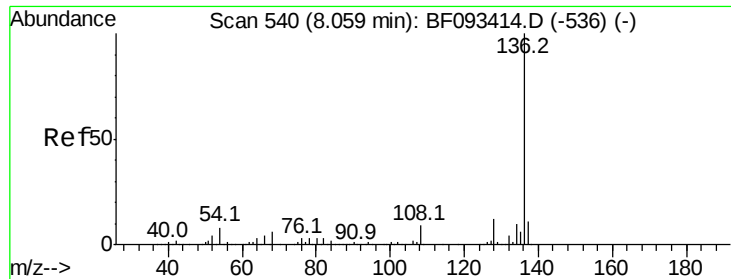
Tot Ion: 70 Resp: 331801
Ion Ratio Lower Upper
70 100
42 57.0 49.4 74.0
101 10.2 7.4 11.2
130 23.3 14.2 21.4#



#20
3+4-Methylphenols
Concen: 40.39 ng
RT: 7.17 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF093693.D
Acq: 16 Mar 2017 5:35

Tgt Ion: 107 Resp: 475503
Ion Ratio Lower Upper
107 100
108 86.9 73.0 113.0
77 31.4 71.3 111.3#
79 24.8 11.1 51.1

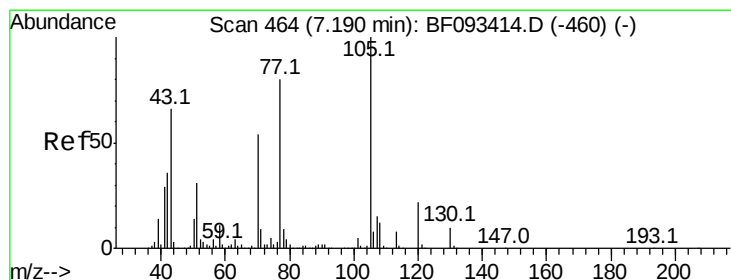
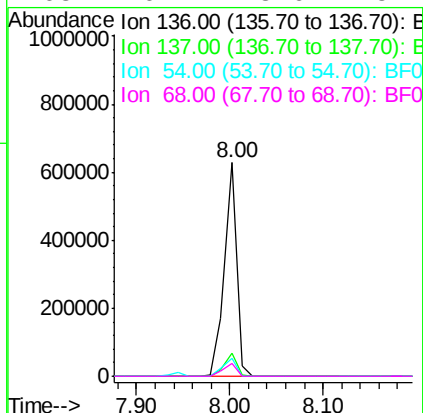
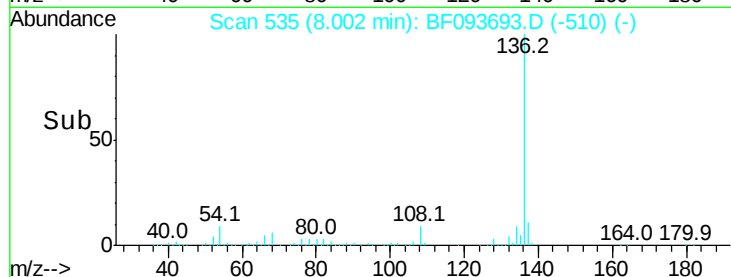
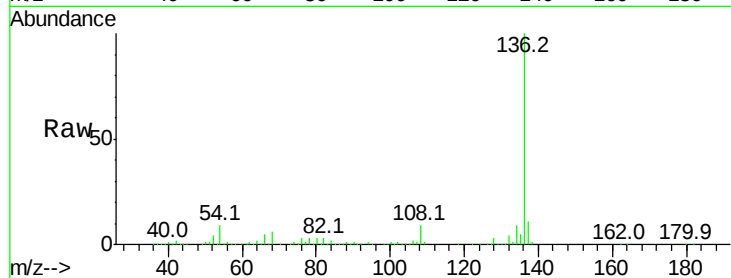




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093693.D
Acq: 16 Mar 2017 5:35

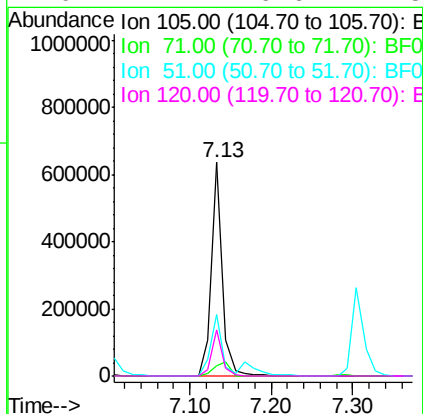
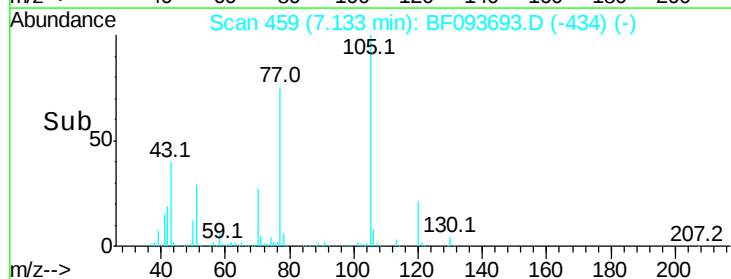
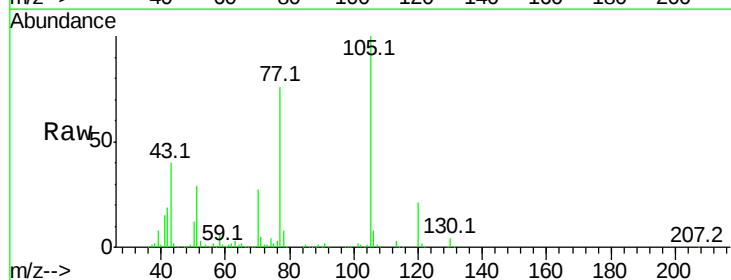
Instrument :
BNA_F
ClientSampleId :
PB97590BS

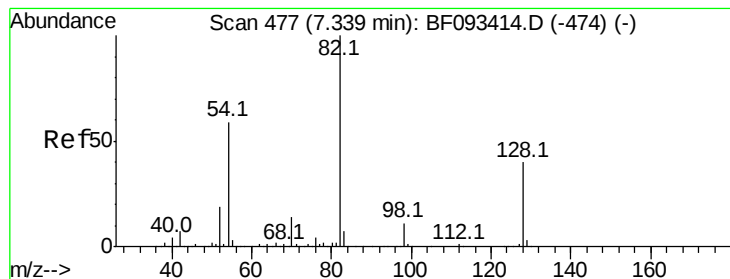
Tot Ion:136	Resp:	571671
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.4 12.6
54	8.6	4.5 6.7#
68	6.2	3.6 5.4#



#22
Acetophenone
Concen: 44.05 ng
RT: 7.13 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF093693.D
Acq: 16 Mar 2017 5:35

Tgt Ion:105	Resp:	605933
Ion Ratio	Lower	Upper
105	100	
71	4.6	3.2 4.8
51	28.7	26.2 39.4
120	21.4	16.6 24.8





#23

Nitrobenzene-d5

Concen: 86.97 ng

RT: 7.29 min Scan# 473

Delta R.T. -0.01 min

Lab File: BF093693.D

Acq: 16 Mar 2017 5:35

Instrument :

BNA_F

ClientSampleID :

PB97590BS

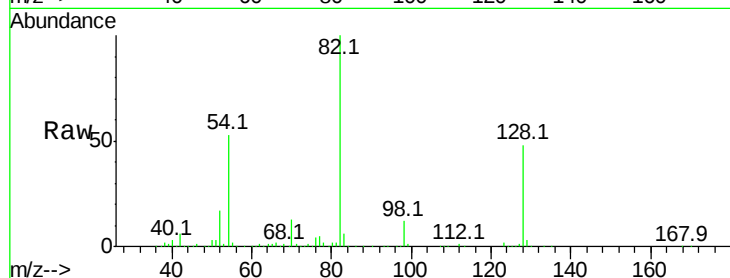
Tot Ion: 82 Resp: 896079

Ion Ratio Lower Upper

82 100

128 47.8 34.6 52.0

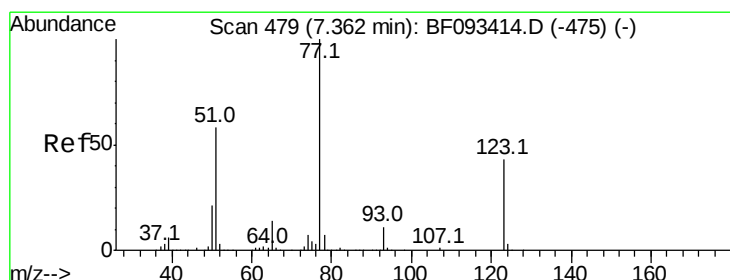
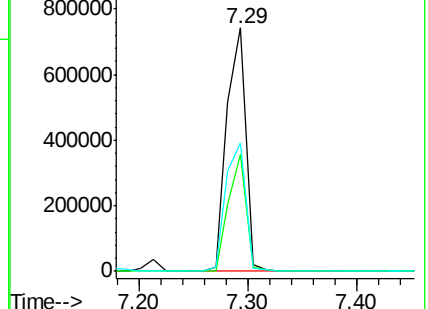
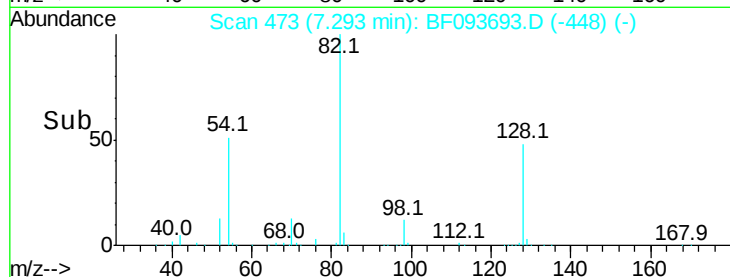
54 52.8 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 38.83 ng

RT: 7.30 min Scan# 474

Delta R.T. -0.01 min

Lab File: BF093693.D

Acq: 16 Mar 2017 5:35

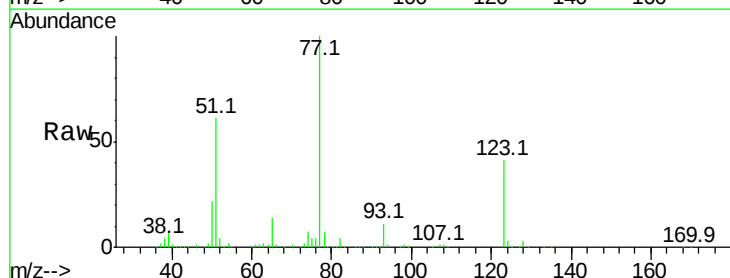
Tgt Ion: 77 Resp: 449648

Ion Ratio Lower Upper

77 100

123 41.3 33.0 49.4

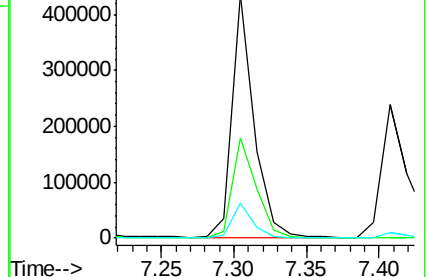
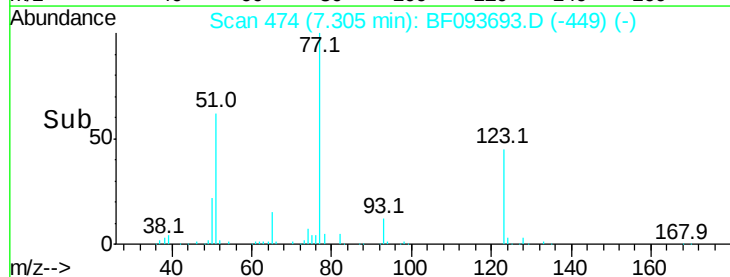
65 14.2 11.2 16.8

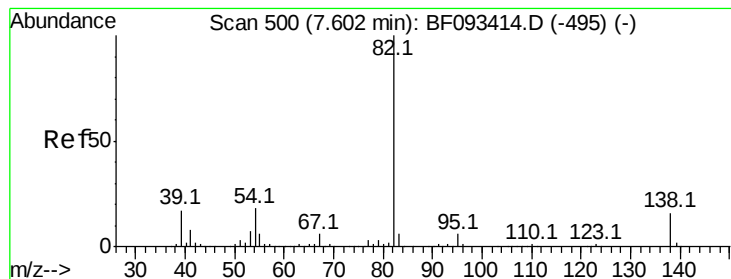


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 37.28 ng

RT: 7.54 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF093693.D

Acq: 16 Mar 2017 5:35

Instrument :

BNA_F

ClientSampleId :

PB97590BS

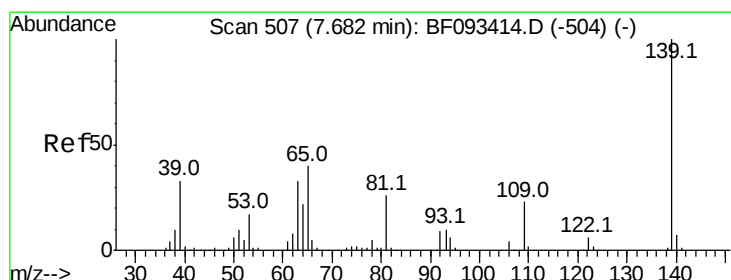
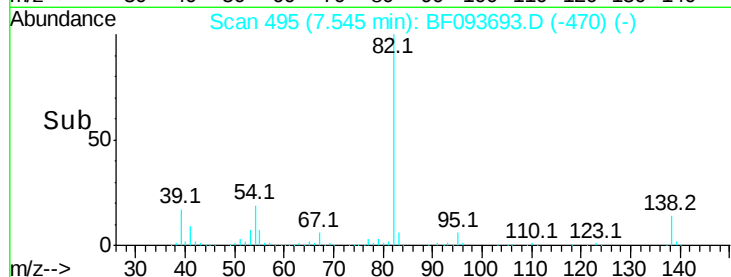
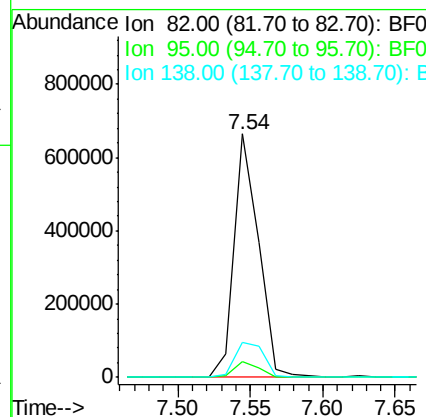
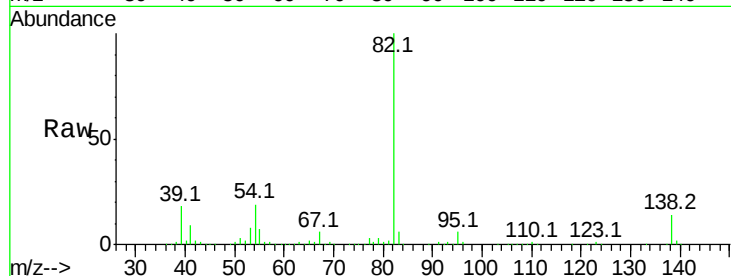
Tot Ion: 82 Resp: 774611

Ion Ratio Lower Upper

82 100

95 6.2 5.6 8.4

138 14.2 14.6 22.0#



#26

2-Nitrophenol

Concen: 41.25 ng

RT: 7.62 min Scan# 502

Delta R.T. -0.01 min

Lab File: BF093693.D

Acq: 16 Mar 2017 5:35

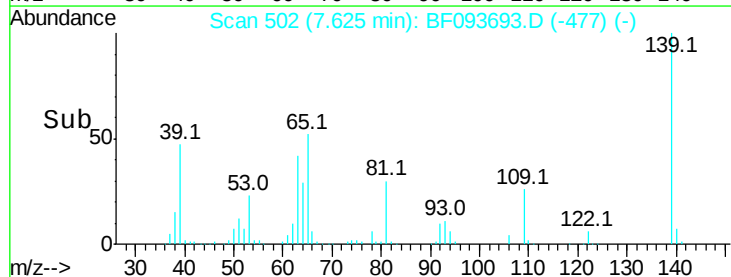
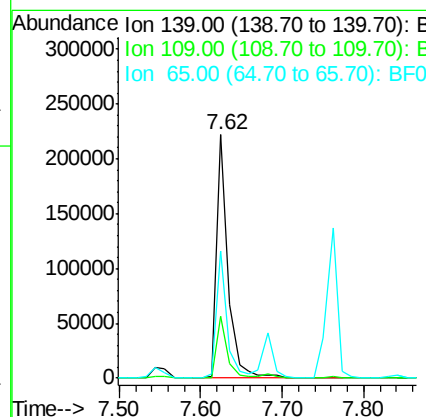
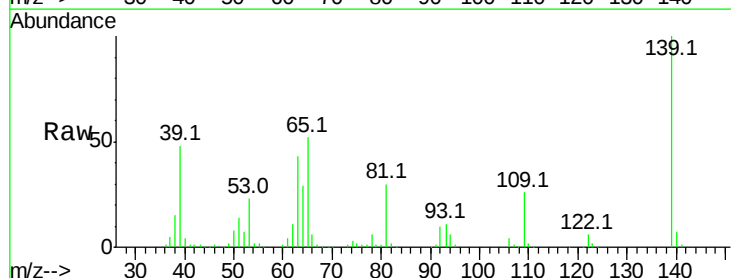
Tgt Ion: 139 Resp: 217910

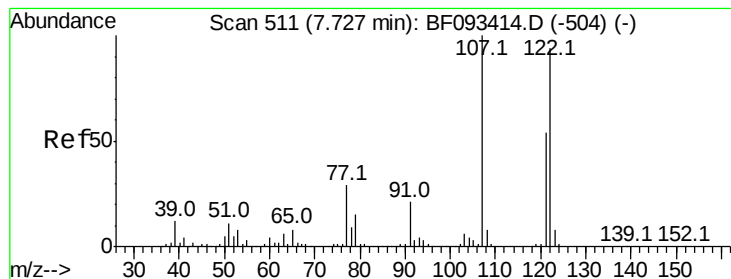
Ion Ratio Lower Upper

139 100

109 25.7 23.3 34.9

65 52.2 42.7 64.1





#27

2,4-Dimethylphenol

Concen: 44.12 ng

RT: 7.68 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF093693.D

Acq: 16 Mar 2017 5:35

Instrument :

BNA_F

ClientSampleId :

PB97590BS

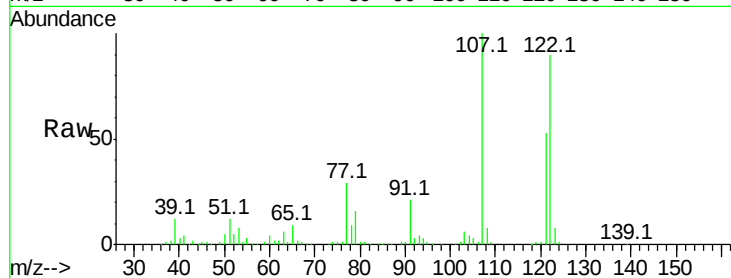
Tot Ion:122 Resp: 379207

Ion Ratio Lower Upper

122 100

107 111.1 94.1 141.1

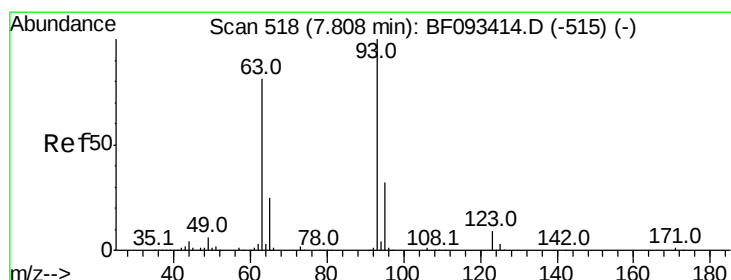
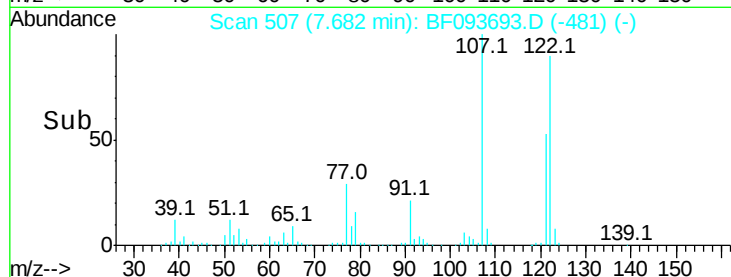
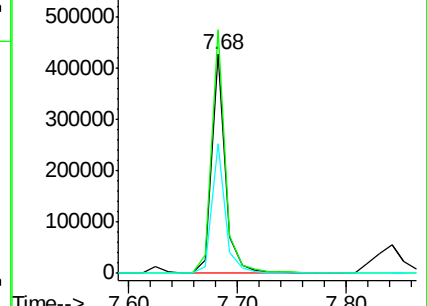
121 58.9 46.0 69.0



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: 43.90 ng

RT: 7.76 min Scan# 514

Delta R.T. -0.01 min

Lab File: BF093693.D

Acq: 16 Mar 2017 5:35

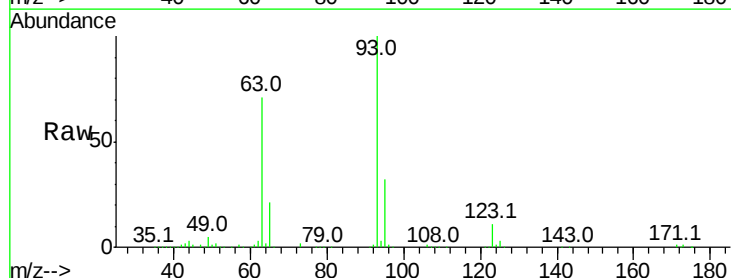
Tgt Ion: 93 Resp: 575836

Ion Ratio Lower Upper

93 100

95 32.5 26.5 39.7

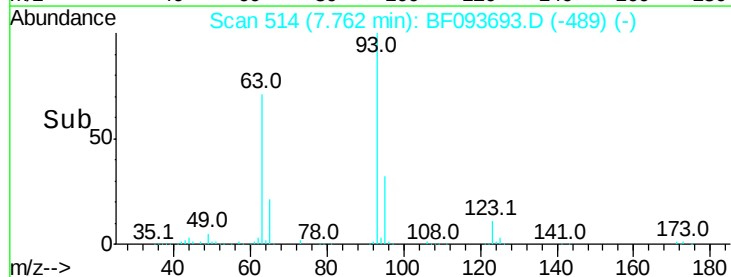
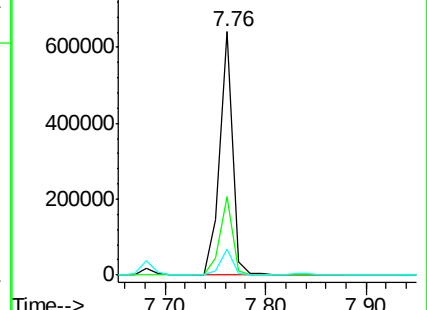
123 10.9 8.6 13.0

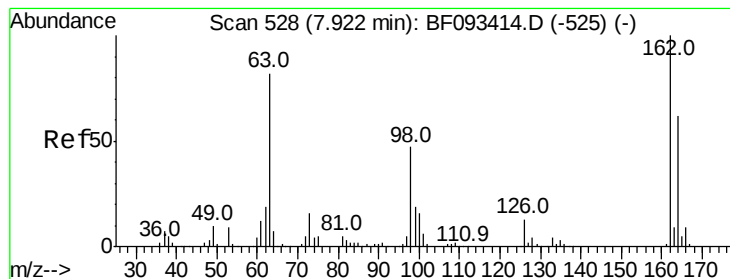


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 44.73 ng

RT: 7.90 min Scan# 526

Delta R.T. 0.01 min

Lab File: BF093693.D

Acq: 16 Mar 2017 5:35

Instrument :

BNA_F

ClientSampleId :

PB97590BS

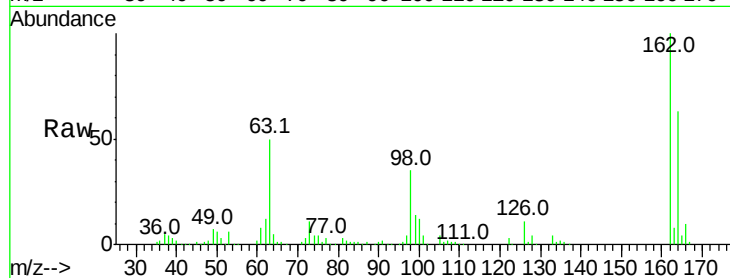
Tot Ion:162 Resp: 361634

Ion Ratio Lower Upper

162 100

164 62.9 46.8 86.8

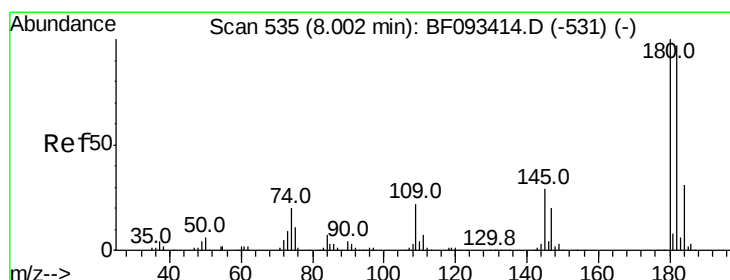
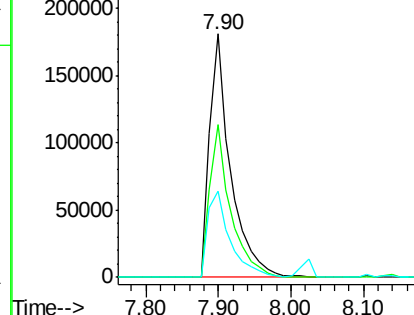
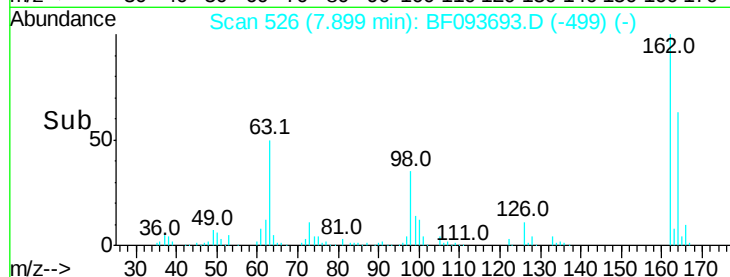
98 35.2 9.1 49.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 42.99 ng

RT: 7.94 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF093693.D

Acq: 16 Mar 2017 5:35

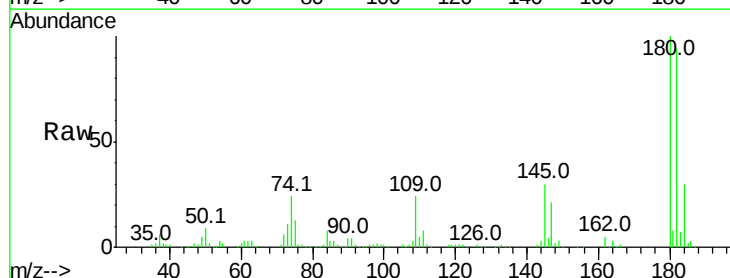
Tgt Ion:180 Resp: 369622

Ion Ratio Lower Upper

180 100

182 94.4 78.2 117.4

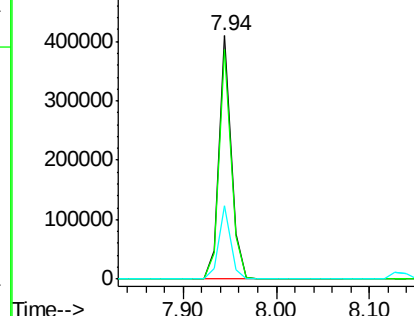
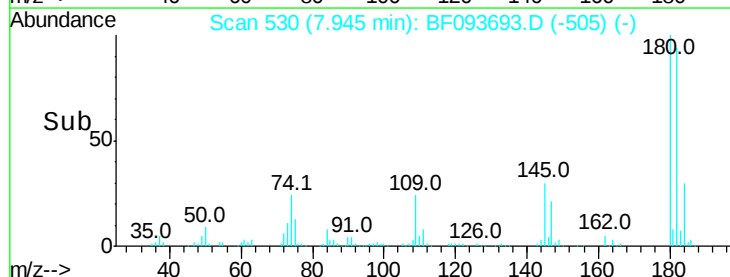
145 30.4 21.6 32.4

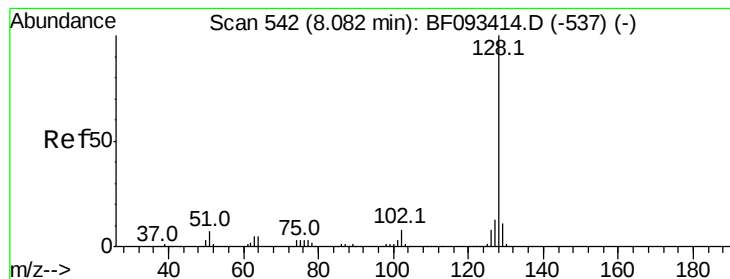


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.37 ng

RT: 8.02 min Scan# 537

Delta R.T. -0.01 min

Lab File: BF093693.D

Acq: 16 Mar 2017 5:35

Instrument :

BNA_F

ClientSampleId :

PB97590BS

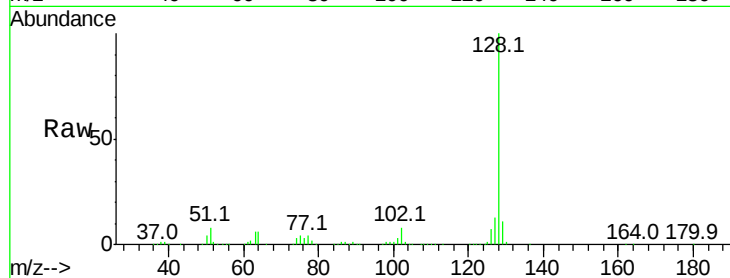
Tot Ion:128 Resp: 1185315

Ion Ratio Lower Upper

128 100

129 10.9 9.5 14.3

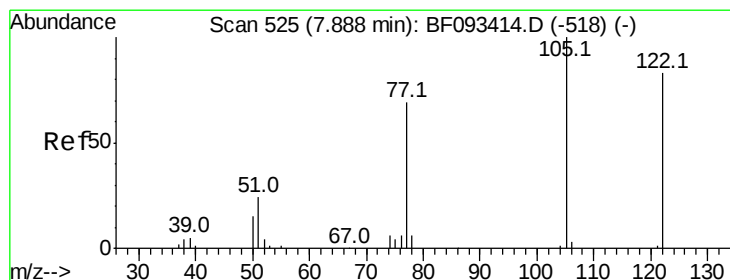
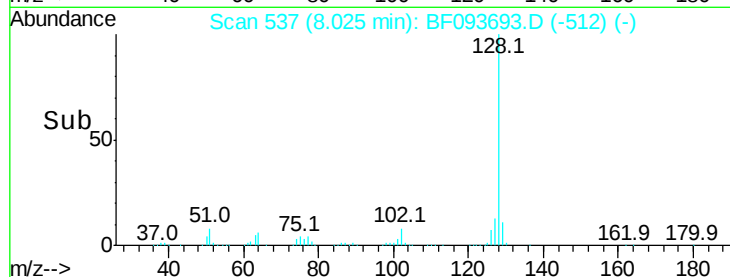
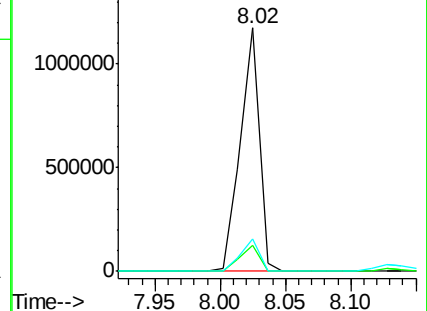
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 27.66 ng

RT: 7.84 min Scan# 521

Delta R.T. -0.01 min

Lab File: BF093693.D

Acq: 16 Mar 2017 5:35

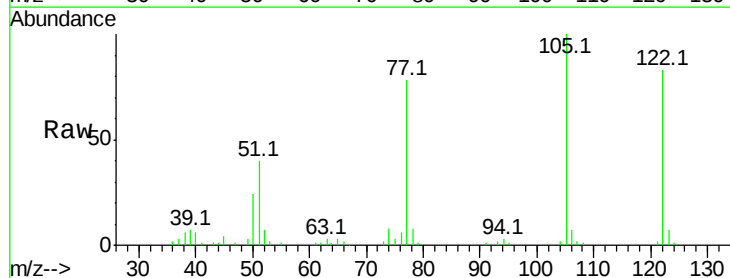
Tgt Ion:122 Resp: 123551

Ion Ratio Lower Upper

122 100

105 120.9 107.2 147.2

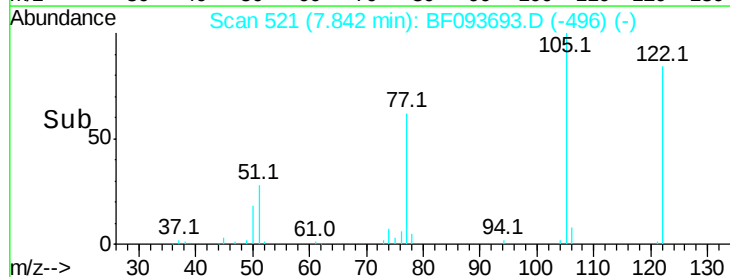
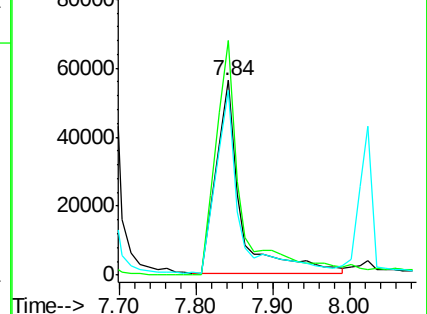
77 94.9 74.5 114.5

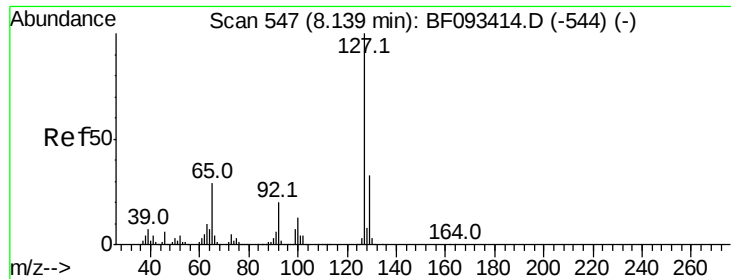


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

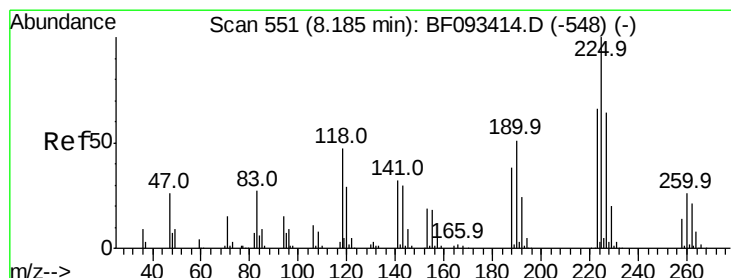
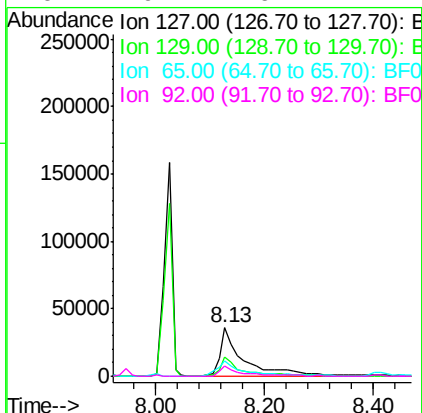
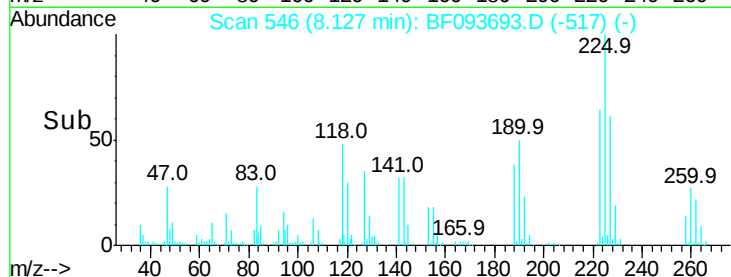
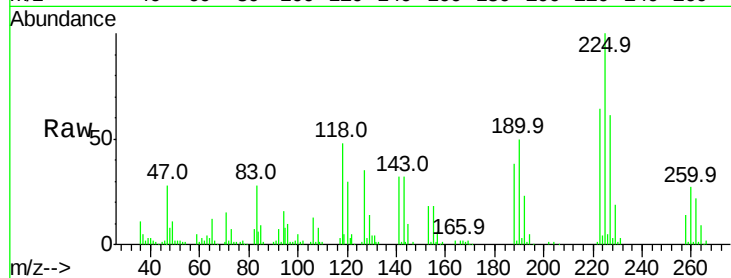




#33
4-Chloroaniline
Concen: 9.34 ng
RT: 8.13 min Scan# 546
Delta R.T. 0.03 min
Lab File: BF093693.D
Acq: 16 Mar 2017 5:35

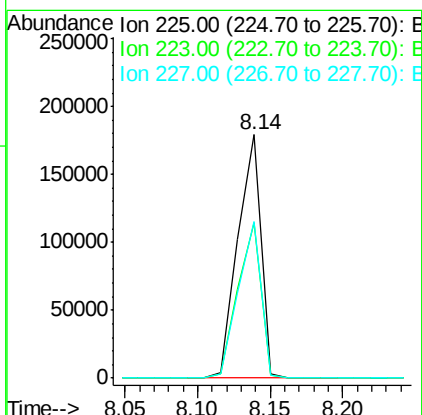
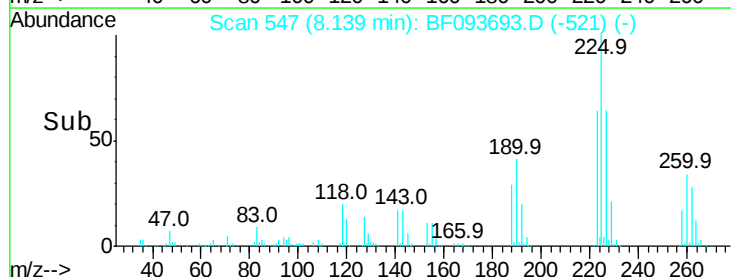
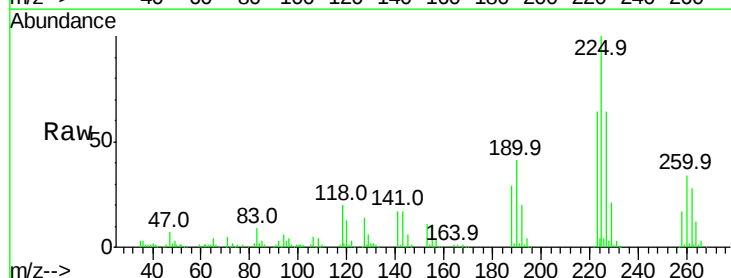
Instrument :
BNA_F
ClientSampleId :
PB97590BS

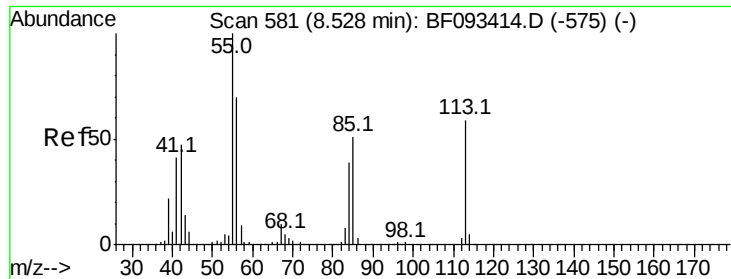
Tot Ion:	127	Resp:	108529
Ion	Ratio	Lower	Upper
127	100		
129	38.8	26.3	39.5
65	32.9	25.8	38.8
92	20.2	16.1	24.1



#34
Hexachlorobutadiene
Concen: 44.86 ng
RT: 8.14 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF093693.D
Acq: 16 Mar 2017 5:35

Tgt Ion:	225	Resp:	198695
Ion	Ratio	Lower	Upper
225	100		
223	63.7	51.0	76.6
227	64.2	50.6	76.0

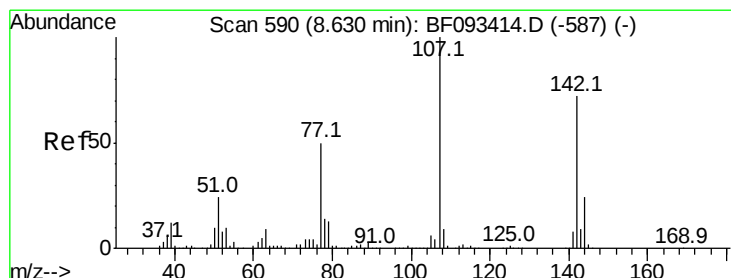
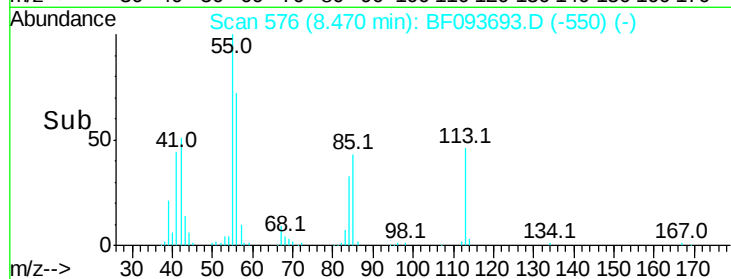
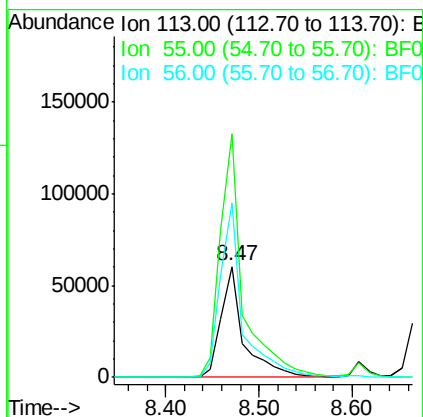
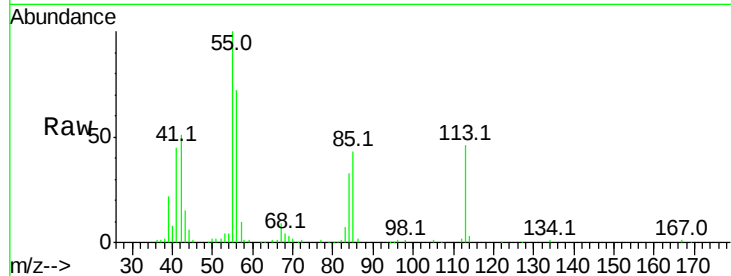




#35
 Caprolactam
 Concen: 37.23 ng
 RT: 8.47 min Scan# 576
 Delta R.T. 0.00 min
 Lab File: BF093693.D
 Acq: 16 Mar 2017 5:35

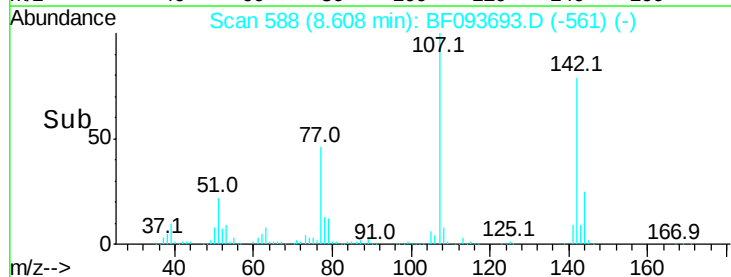
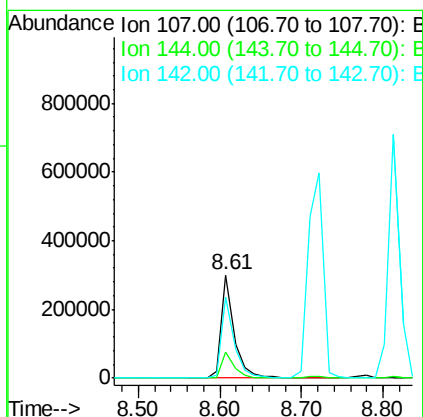
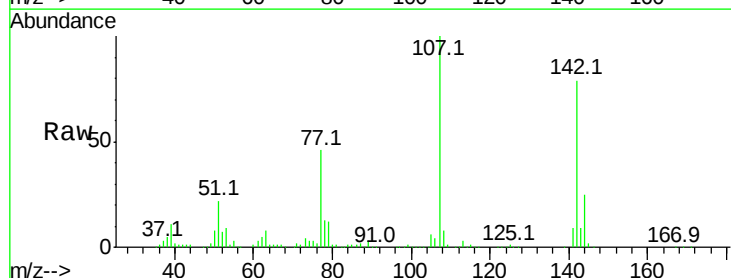
Instrument :
 BNA_F
 ClientSampleId :
 PB97590BS

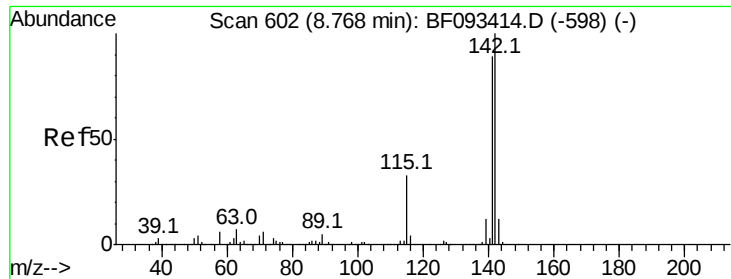
Tot Ion:113 Resp: 102814
 Ion Ratio Lower Upper
 113 100
 55 219.4 119.2 159.2#
 56 157.4 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 38.05 ng
 RT: 8.61 min Scan# 588
 Delta R.T. 0.01 min
 Lab File: BF093693.D
 Acq: 16 Mar 2017 5:35

Tgt Ion:107 Resp: 328337
 Ion Ratio Lower Upper
 107 100
 144 25.2 19.3 28.9
 142 78.7 59.0 88.6

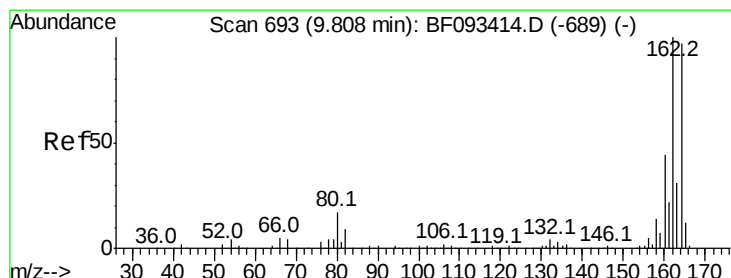
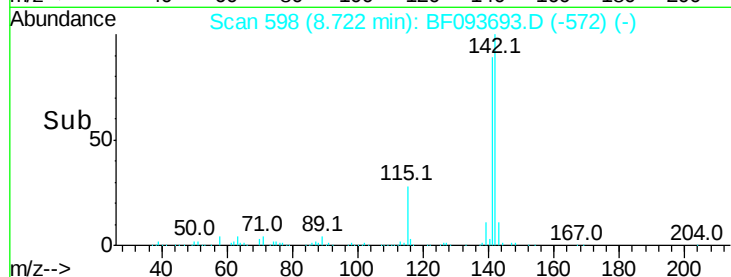
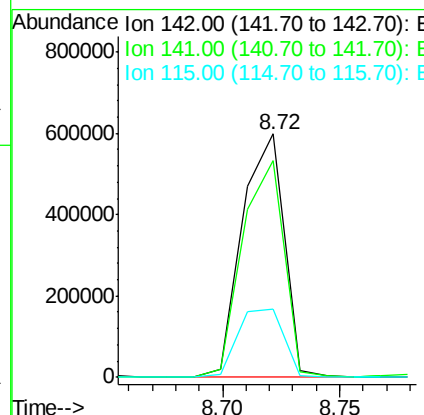
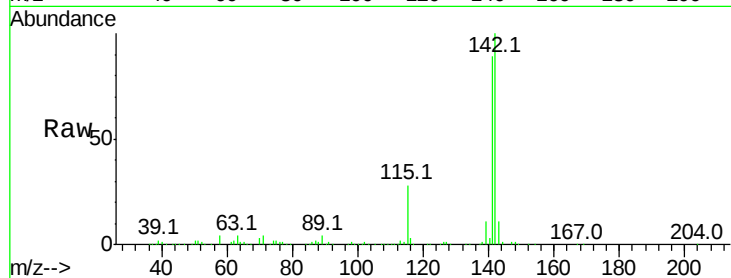




#37
 2-Methylnaphthalene
 Concen: 41.85 ng/ml
 RT: 8.72 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF093693.D
 Acq: 16 Mar 2017 5:35

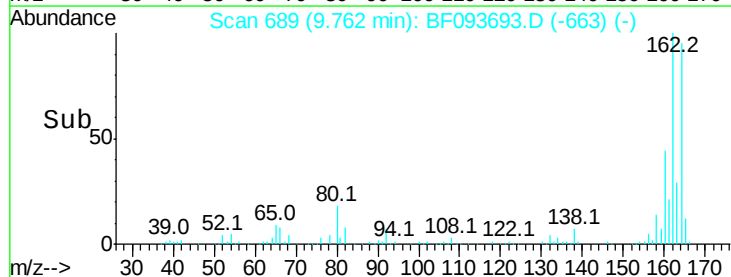
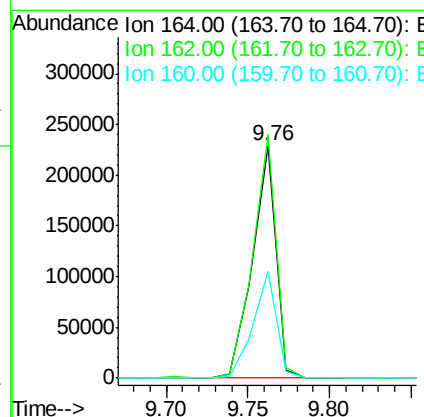
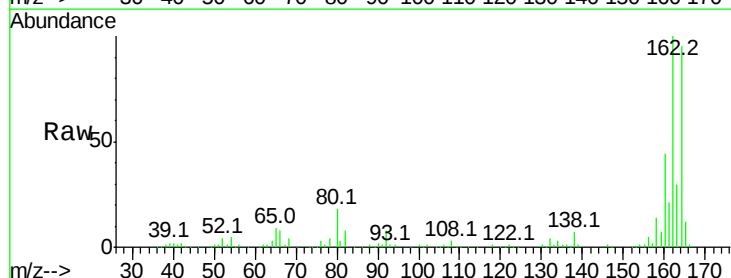
Instrument :
 BNA_F
 ClientSampleId :
 PB97590BS

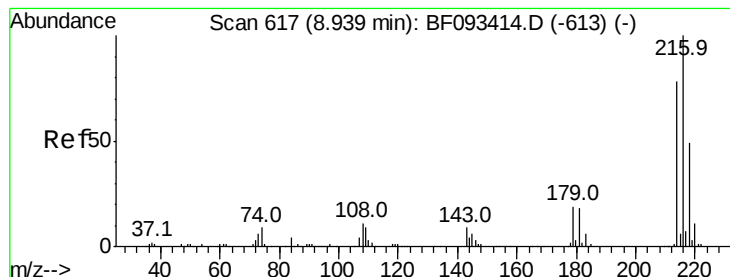
Tot Ion:142 Resp: 762780
 Ion Ratio Lower Upper
 142 100
 141 88.9 71.0 106.6
 115 28.1 28.3 42.5#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: BF093693.D
 Acq: 16 Mar 2017 5:35

Tgt Ion:164 Resp: 227361
 Ion Ratio Lower Upper
 164 100
 162 104.8 80.2 120.2
 160 46.0 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 51.35 ng

RT: 8.88 min Scan# 612

Delta R.T. -0.01 min

Lab File: BF093693.D

Acq: 16 Mar 2017 5:35

Instrument :

BNA_F

ClientSampleId :

PB97590BS

Tot Ion:216 Resp: 318817

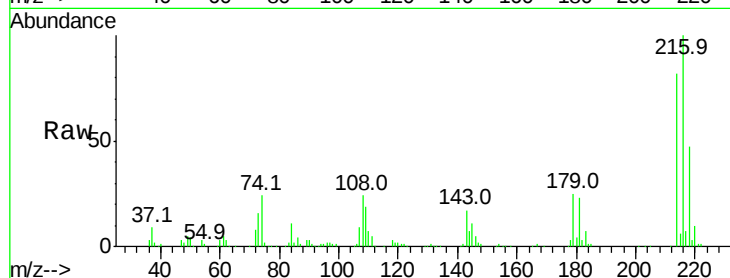
Ion Ratio Lower Upper

216 100

214 78.9 63.4 95.0

179 21.8 17.4 26.2

108 18.3 15.6 23.4

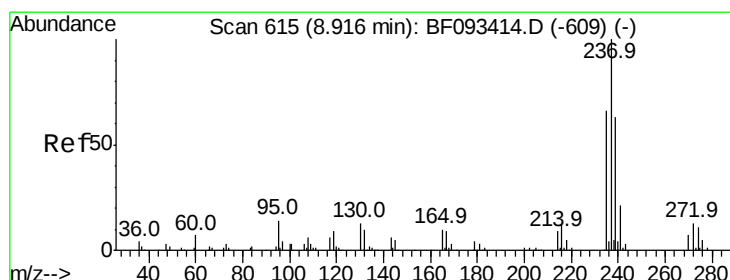
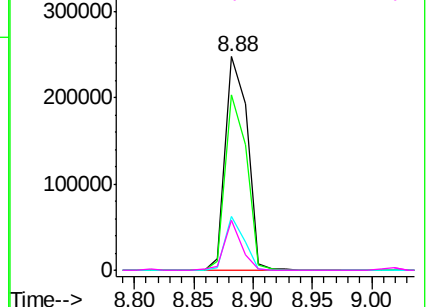
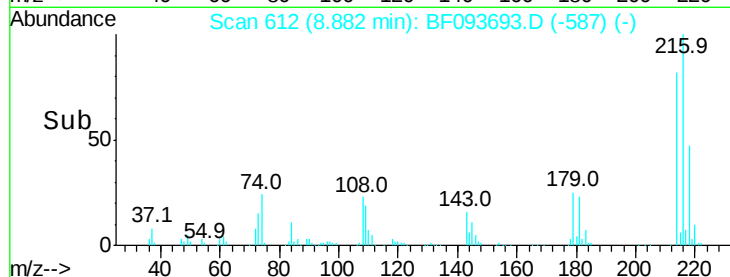


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 23.25 ng

RT: 8.86 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF093693.D

Acq: 16 Mar 2017 5:35

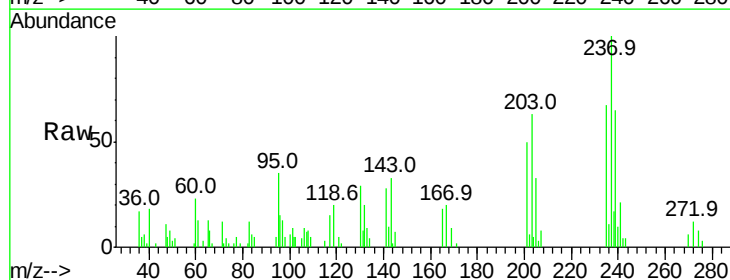
Tgt Ion:237 Resp: 20605

Ion Ratio Lower Upper

237 100

235 67.5 41.2 81.2

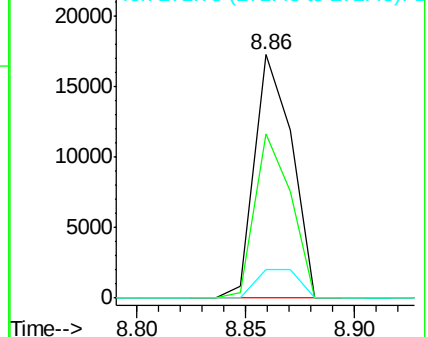
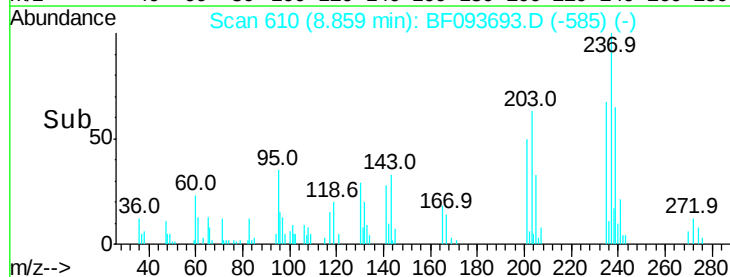
272 11.6 0.0 35.4

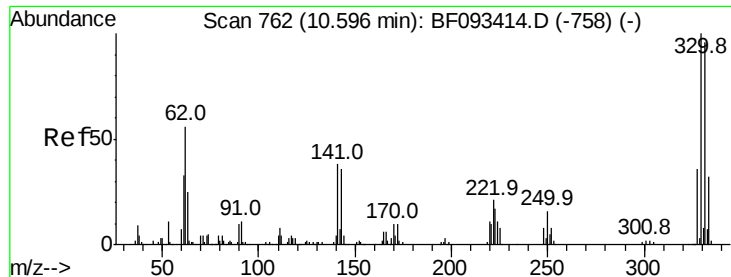


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

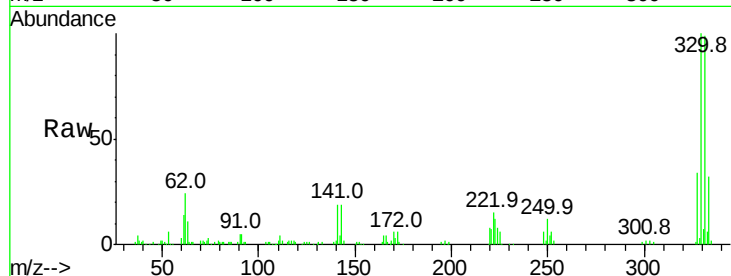




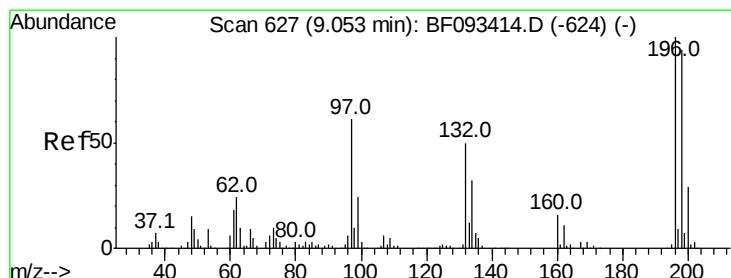
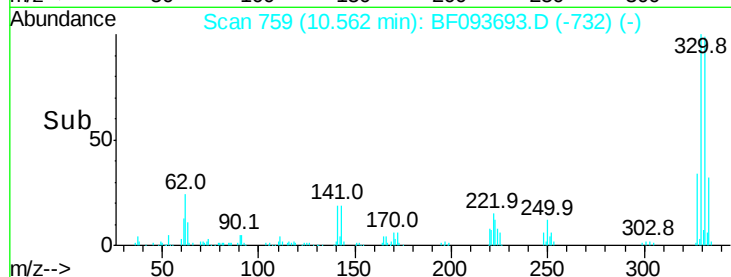
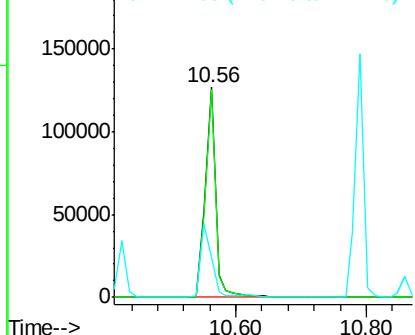
#41
 2,4,6-Tribromophenol
 Concen: 95.83 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093693.D
 Acq: 16 Mar 2017 5:35

Instrument :
 BNA_F
 ClientSampleId :
 PB97590BS

Tot Ion:330 Resp: 141953
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.4 116.2
 141 36.0 34.1 51.1

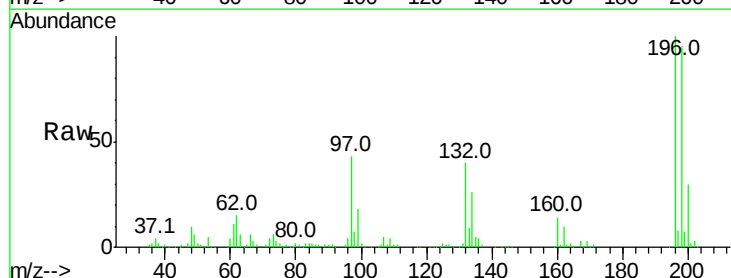


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

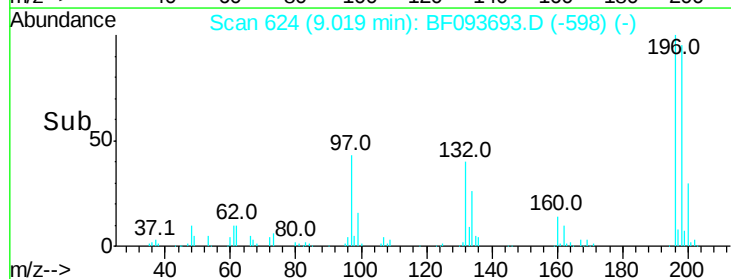
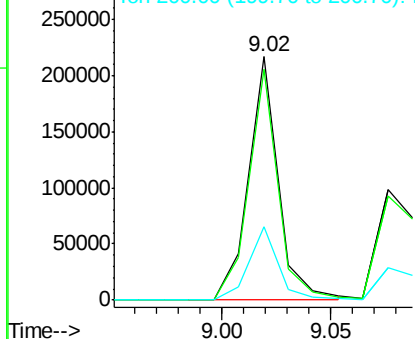


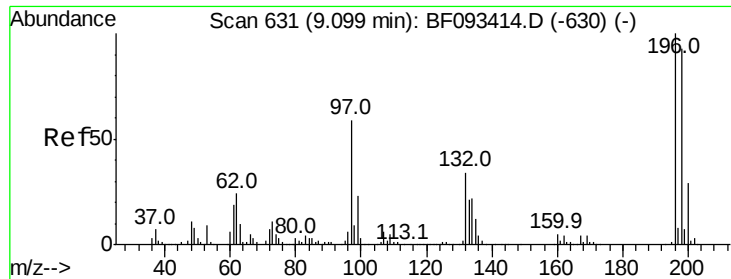
#42
 2,4,6-Trichlorophenol
 Concen: 53.22 ng
 RT: 9.02 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF093693.D
 Acq: 16 Mar 2017 5:35

Tgt Ion:196 Resp: 206426
 Ion Ratio Lower Upper
 196 100
 198 94.8 82.1 123.1
 200 30.0 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

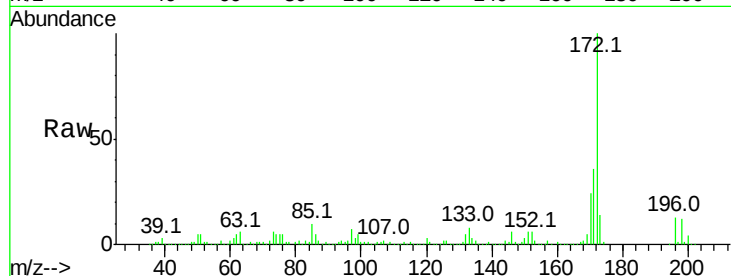




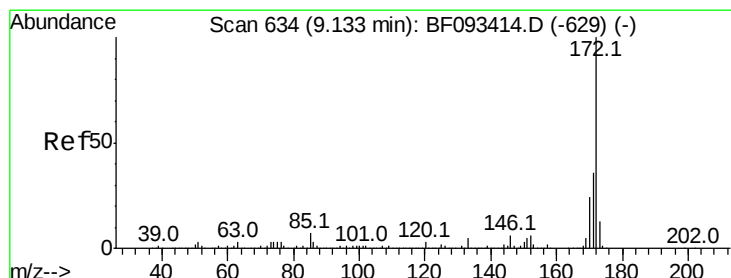
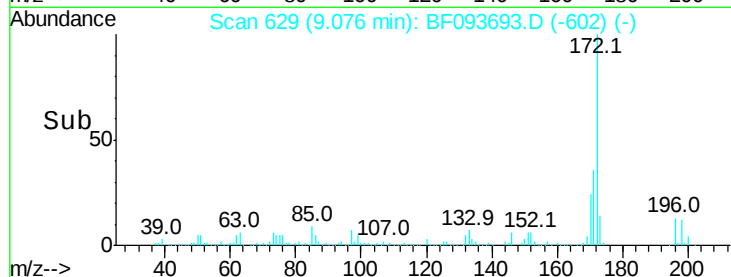
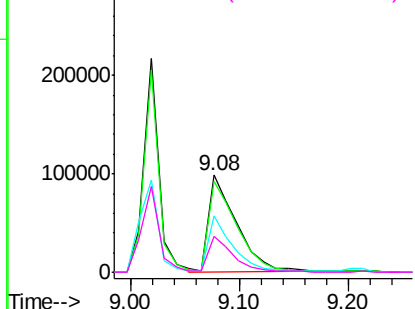
#43
 2,4,5-Trichlorophenol
 Concen: 42.53 ng
 RT: 9.08 min Scan# 629
 Delta R.T. 0.01 min
 Lab File: BF093693.D
 Acq: 16 Mar 2017 5:35

Instrument :
 BNA_F
 ClientSampleId :
 PB97590BS

Tot Ion:196 Resp: 177009
 Ion Ratio Lower Upper
 196 100
 198 93.6 79.4 119.2
 97 57.6 51.5 77.3
 132 36.7 27.4 41.2

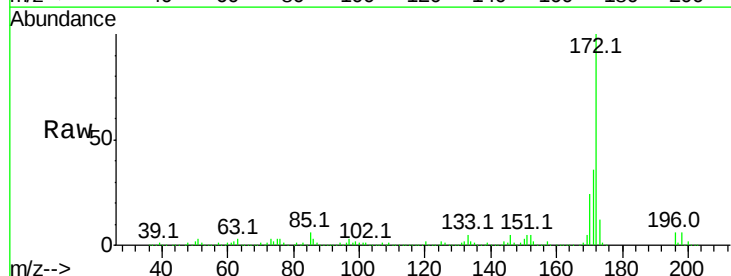


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

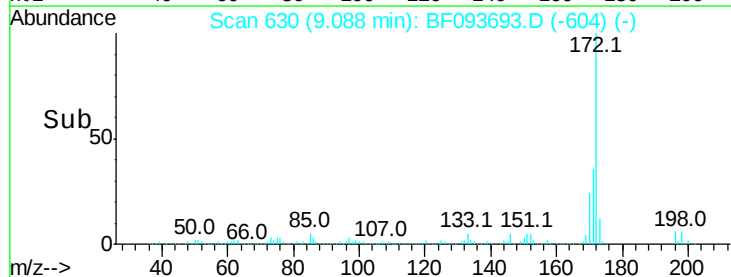
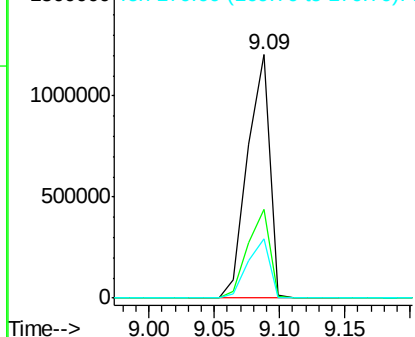


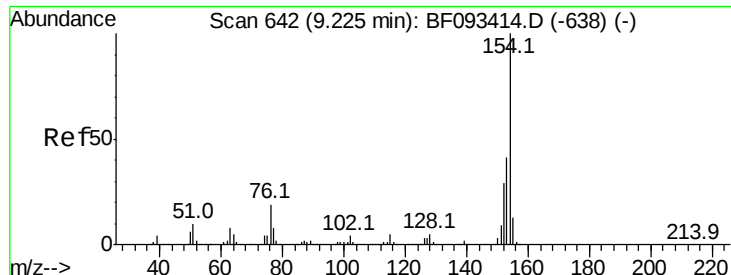
#44
 2-Fluorobiphenyl
 Concen: 116.82 ng
 RT: 9.09 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF093693.D
 Acq: 16 Mar 2017 5:35

Tgt Ion:172 Resp: 1427927
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.1 20.2 30.4



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

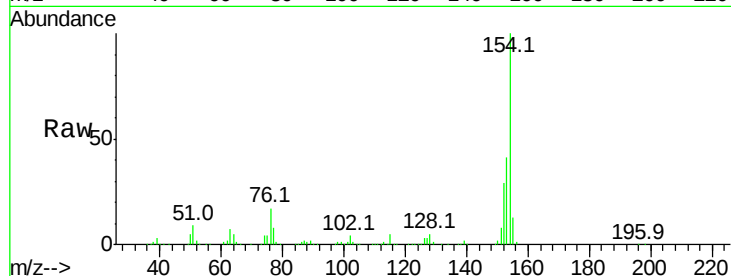




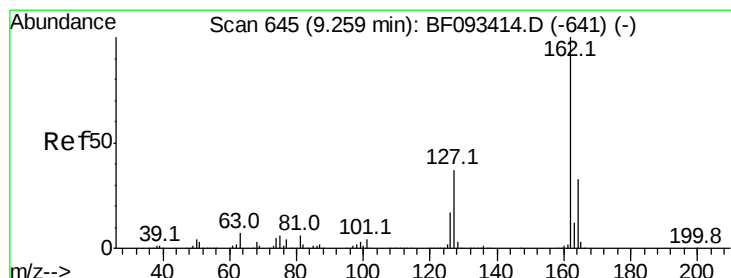
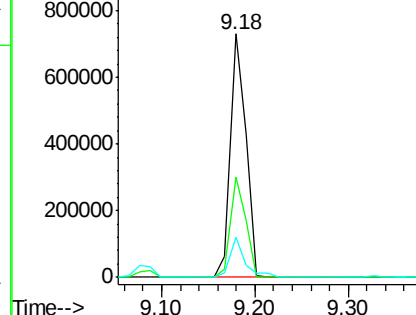
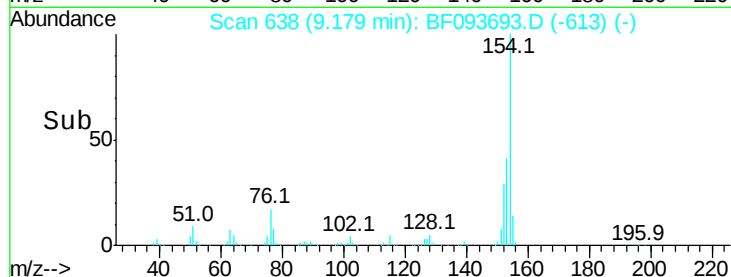
#45
 1,1'-Biphenyl
 Concen: 51.06 ng
 RT: 9.18 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF093693.D
 Acq: 16 Mar 2017 5:35

Instrument :
 BNA_F
 ClientSampleId :
 PB97590BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.9	60.9
76	16.7	0.0	30.5

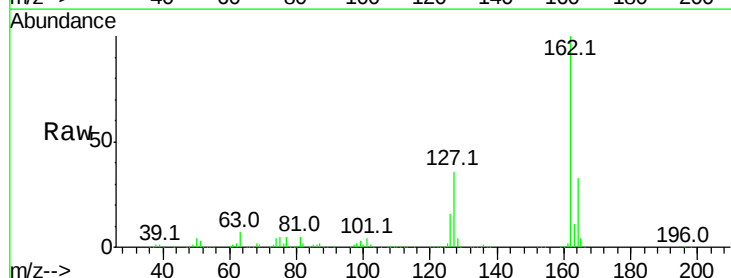


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

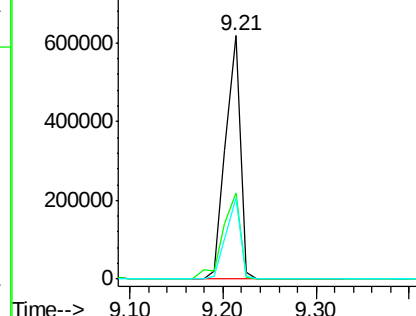
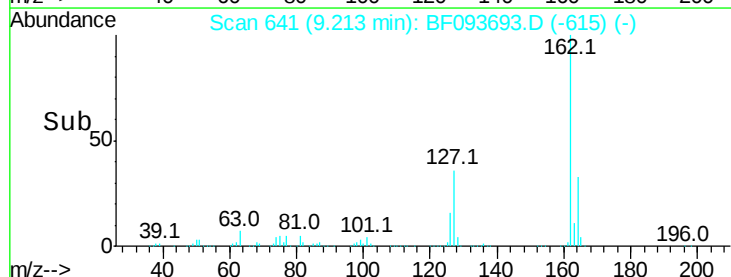


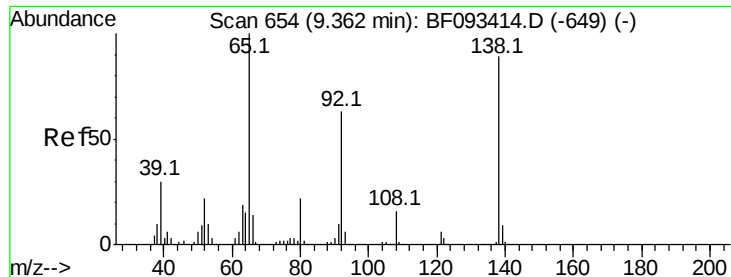
#46
 2-Chloronaphthalene
 Concen: 53.48 ng
 RT: 9.21 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF093693.D
 Acq: 16 Mar 2017 5:35

Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.6	30.7	46.1
164	33.4	27.6	41.4



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

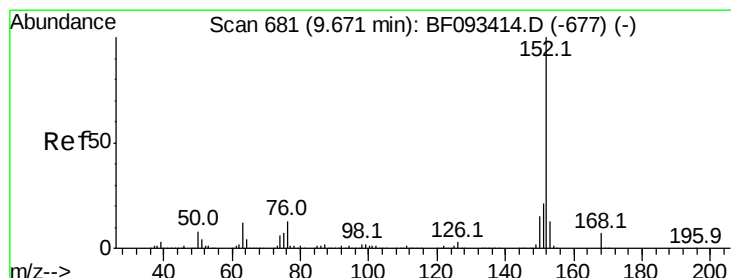
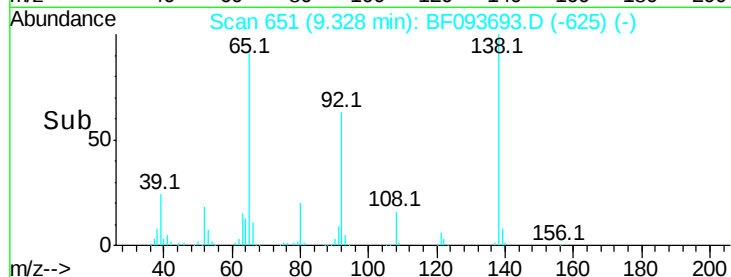
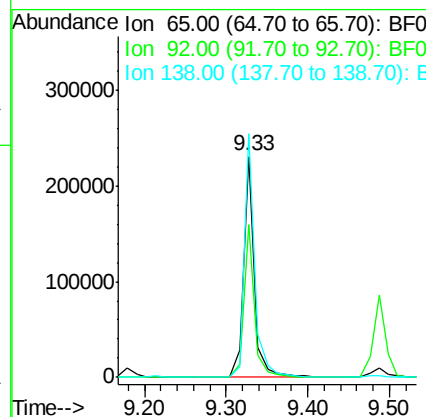
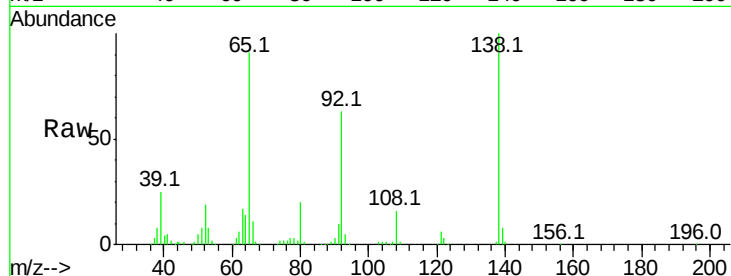




#47
2-Nitroaniline
Concen: 47.89 ng
RT: 9.33 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF093693.D
Acq: 16 Mar 2017 5:35

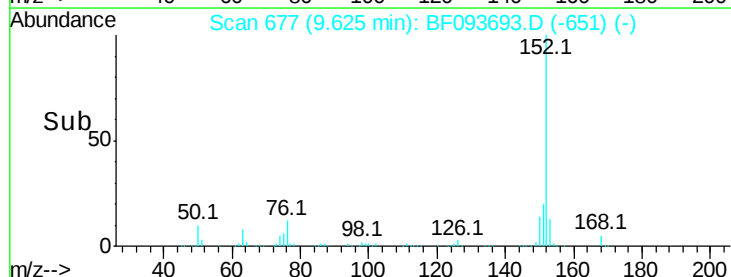
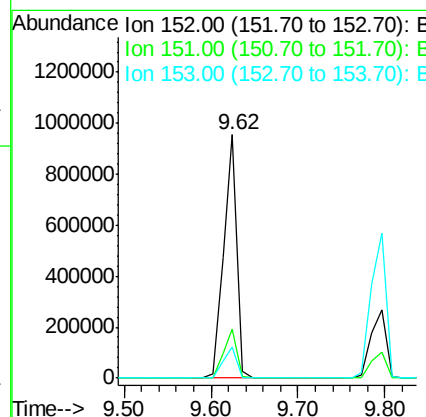
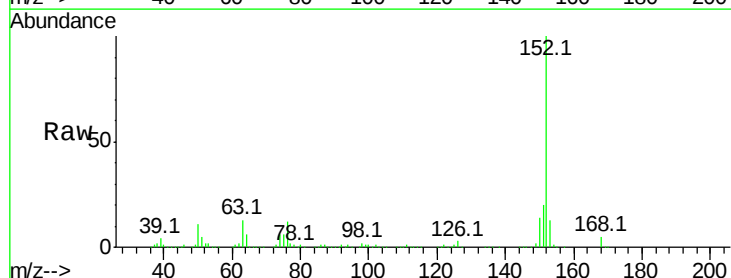
Instrument :
BNA_F
ClientSampleId :
PB97590BS

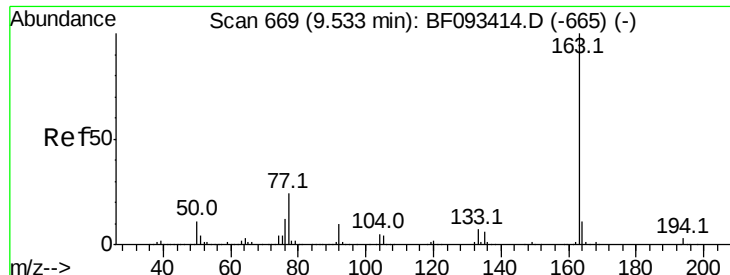
Tot Ion: 65 Resp: 214611
Ion Ratio Lower Upper
65 100
92 69.4 53.9 80.9
138 110.2 76.8 115.2



#48
Acenaphthylene
Concen: 48.47 ng
RT: 9.62 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF093693.D
Acq: 16 Mar 2017 5:35

Tgt Ion: 152 Resp: 1013428
Ion Ratio Lower Upper
152 100
151 20.2 16.9 25.3
153 12.9 11.4 17.2

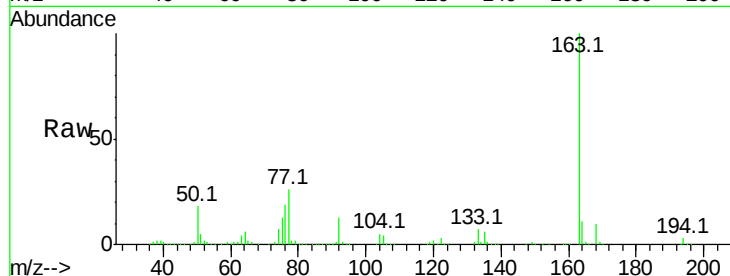




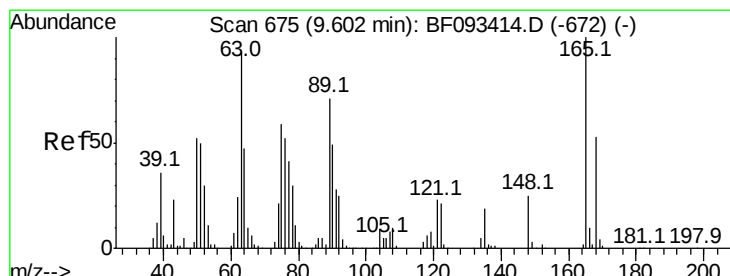
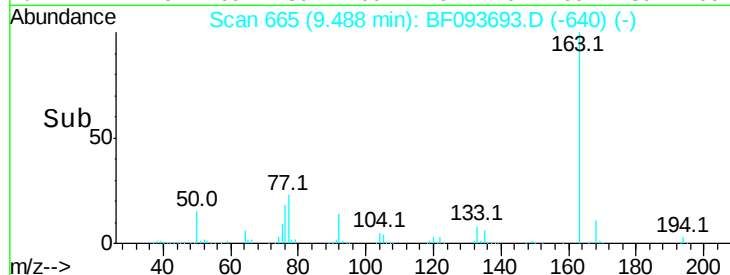
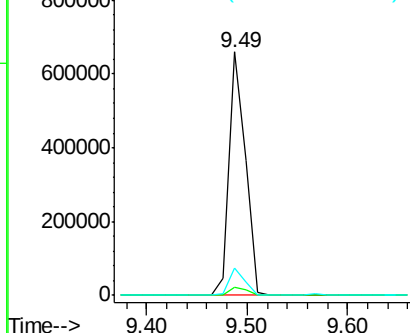
#49
Dimethylphthalate
Concen: 49.40 ng
RT: 9.49 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF093693.D
Acq: 16 Mar 2017 5:35

Instrument :
BNA_F
ClientSampleId :
PB97590BS

Tot Ion:163 Resp: 744594
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 11.0 8.0 12.0

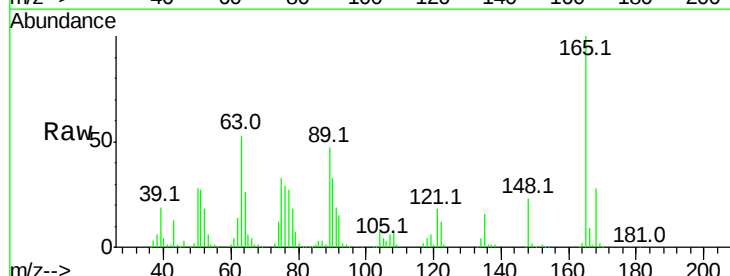


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

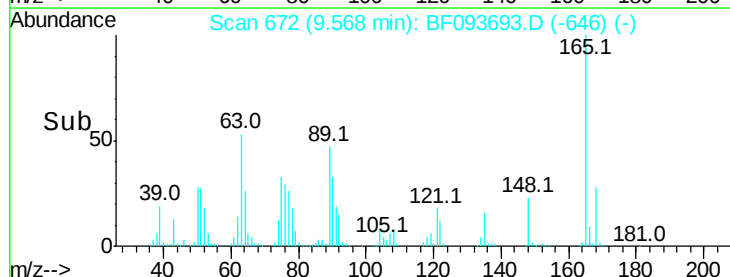
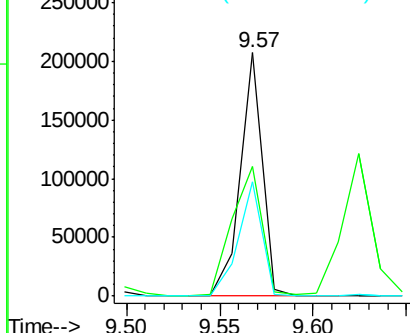


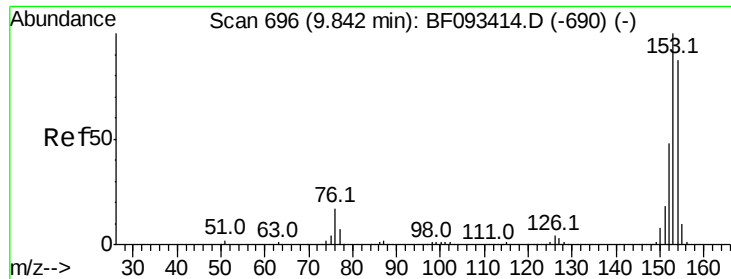
#50
2,6-Dinitrotoluene
Concen: 52.16 ng
RT: 9.57 min Scan# 672
Delta R.T. 0.00 min
Lab File: BF093693.D
Acq: 16 Mar 2017 5:35

Tgt Ion:165 Resp: 172507
Ion Ratio Lower Upper
165 100
63 53.2 36.2 54.4
89 47.0 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

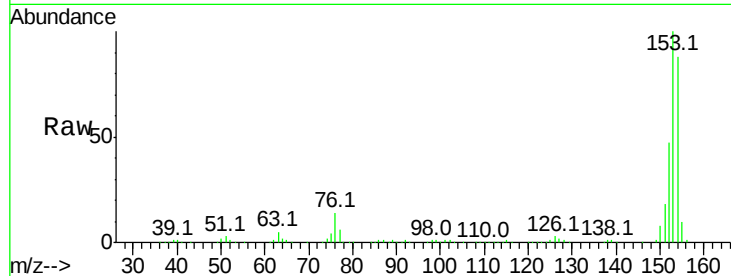




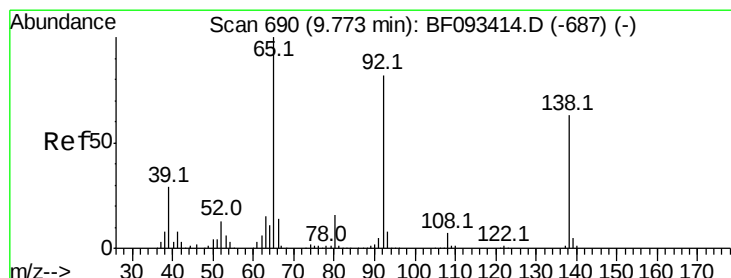
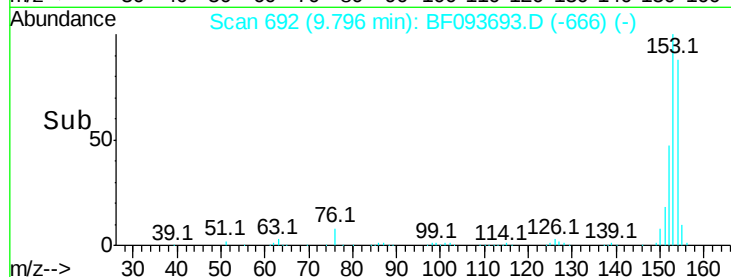
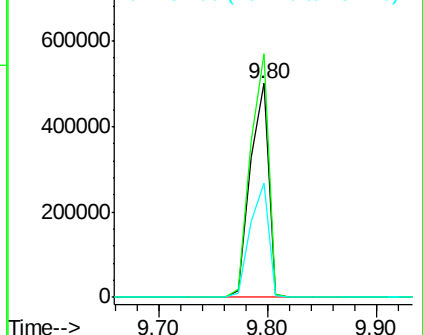
#51
Acenaphthene
Concen: 47.42 ng
RT: 9.80 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF093693.D
Acq: 16 Mar 2017 5:35

Instrument :
BNA_F
ClientSampleId :
PB97590BS

Tot Ion:154 Resp: 586259
Ion Ratio Lower Upper
154 100
153 113.9 88.6 133.0
152 53.2 41.6 62.4

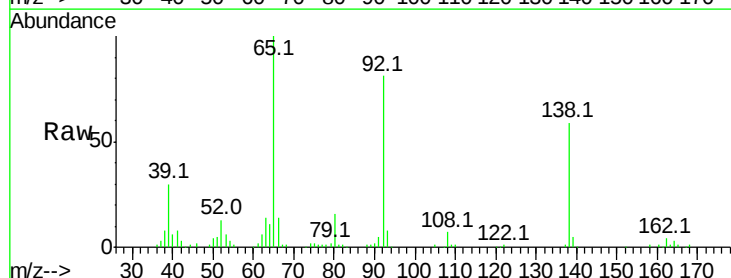


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

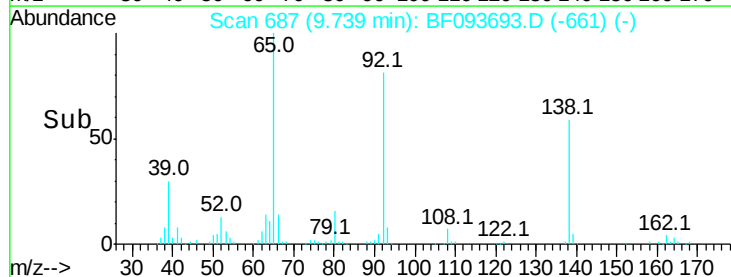
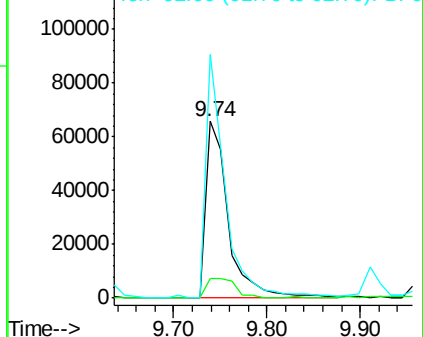


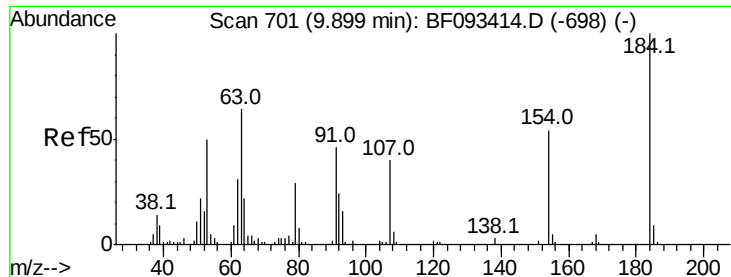
#52
3-Nitroaniline
Concen: 27.98 ng
RT: 9.74 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF093693.D
Acq: 16 Mar 2017 5:35

Tgt Ion:138 Resp: 111165
Ion Ratio Lower Upper
138 100
108 11.1 8.5 12.7
92 137.9 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

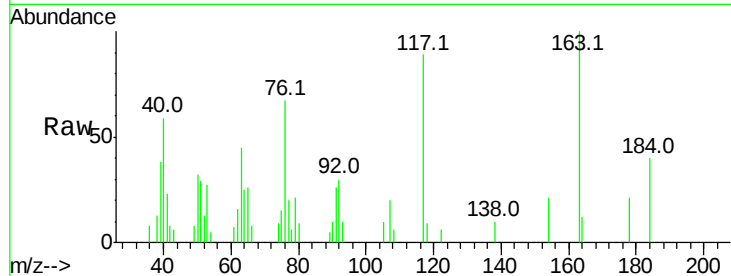




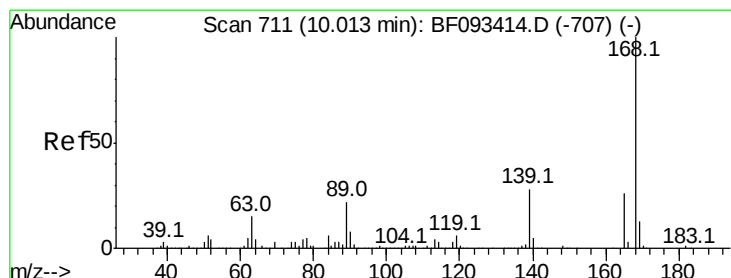
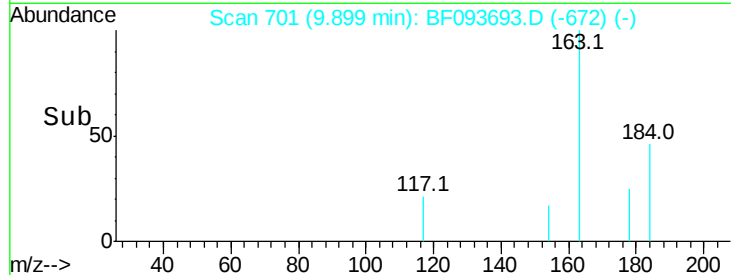
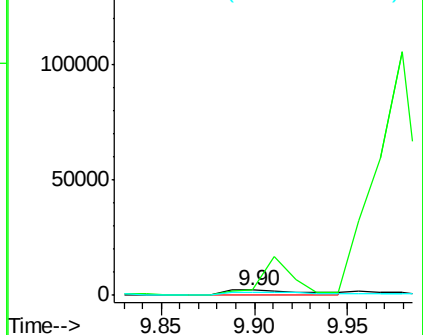
#53
 2,4-Dinitrophenol
 Concen: 4.76 ng
 RT: 9.90 min Scan# 701
 Delta R.T. 0.03 min
 Lab File: BF093693.D
 Acq: 16 Mar 2017 5:35

Instrument :
 BNA_F
 ClientSampleId :
 PB97590BS

Tot Ion:184 Resp: 7174
 Ion Ratio Lower Upper
 184 100
 63 111.5 28.4 42.6#
 154 52.9 44.3 66.5

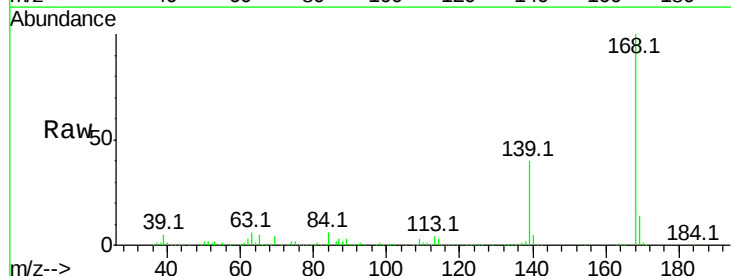


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

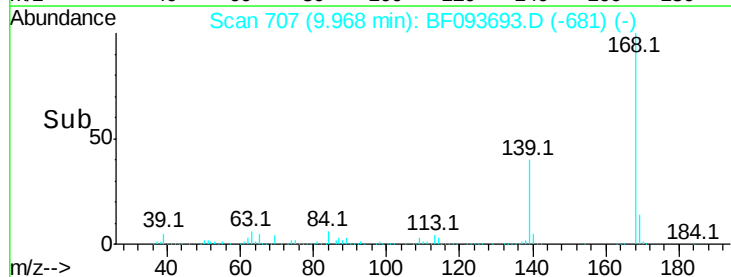
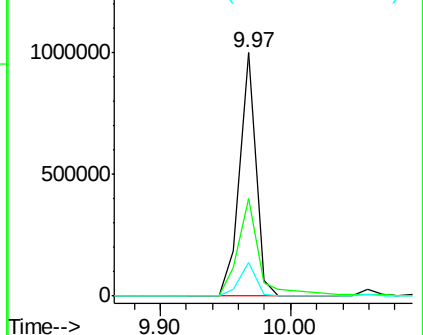


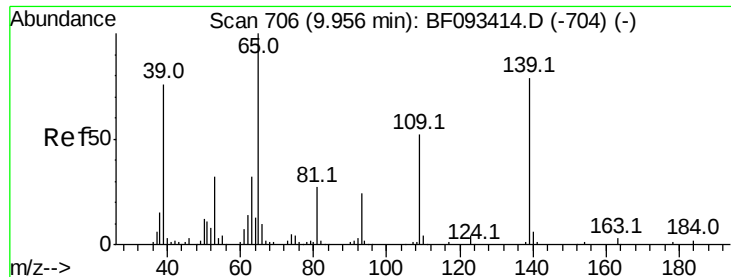
#54
 Dibenzofuran
 Concen: 55.93 ng
 RT: 9.97 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BF093693.D
 Acq: 16 Mar 2017 5:35

Tgt Ion:168 Resp: 865496
 Ion Ratio Lower Upper
 168 100
 139 40.3 32.6 49.0
 169 13.6 11.3 16.9



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





#55

4-Nitrophenol

Concen: 41.91 ng/mL

RT: 9.96 min Scan# 706

Delta R.T. 0.02 min

Lab File: BF093693.D

Acq: 16 Mar 2017 5:35

Instrument :

BNA_F

ClientSampleID :

PB97590BS

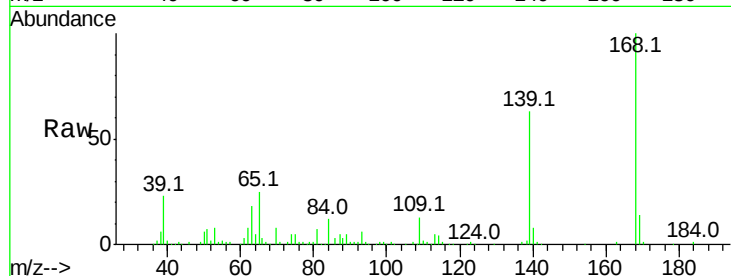
Tot Ion:139 Resp: 80888

Ion Ratio Lower Upper

139 100

109 20.7 52.2 92.2#

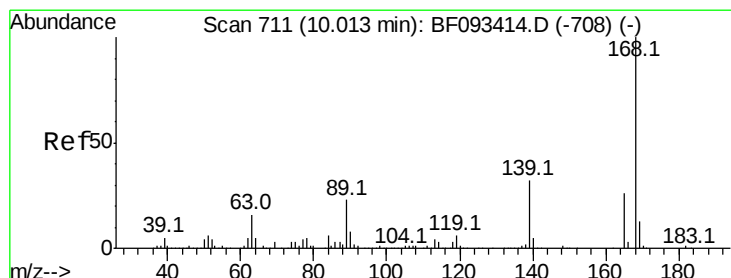
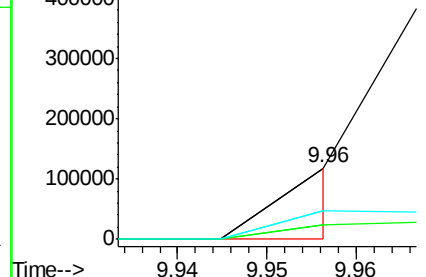
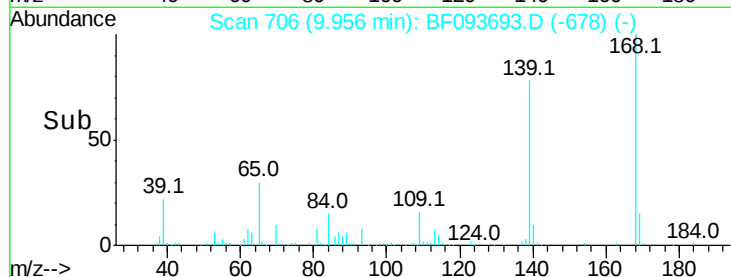
65 39.8 85.8 125.8#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 47.84 ng/mL

RT: 9.98 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF093693.D

Acq: 16 Mar 2017 5:35

Tgt Ion:165 Resp: 194395

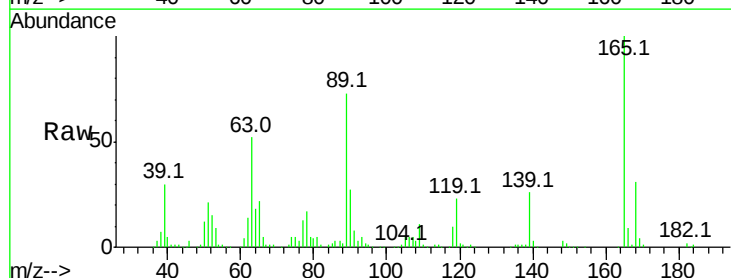
Ion Ratio Lower Upper

165 100

63 52.2 40.2 60.4

89 72.9 62.5 93.7

182 2.2 1.8 2.8

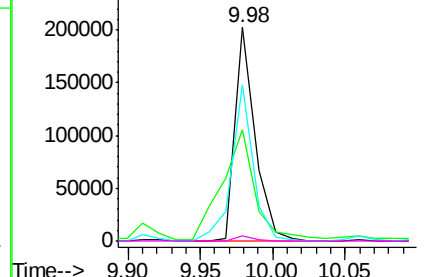
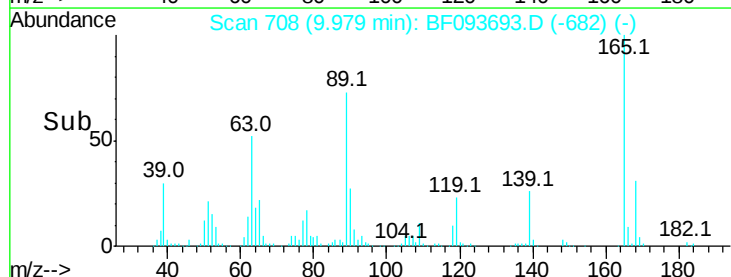


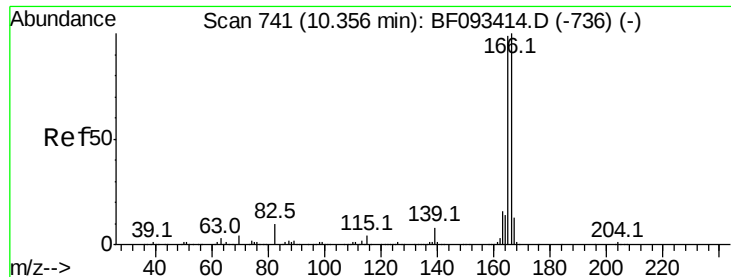
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

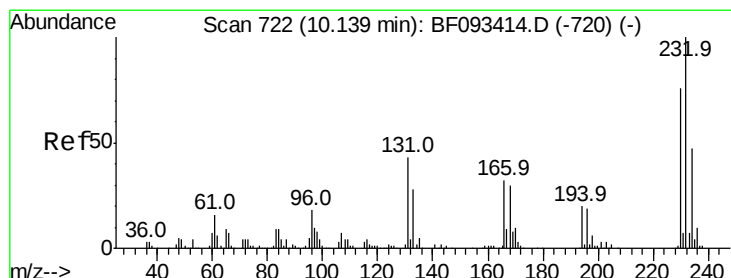
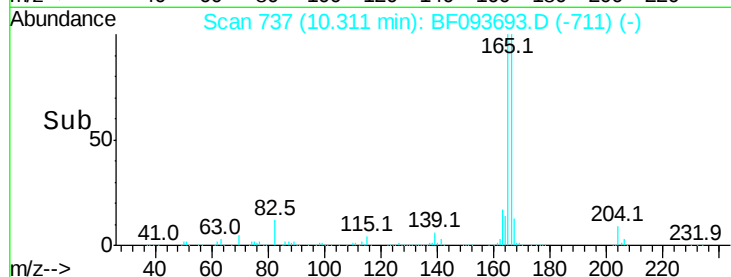
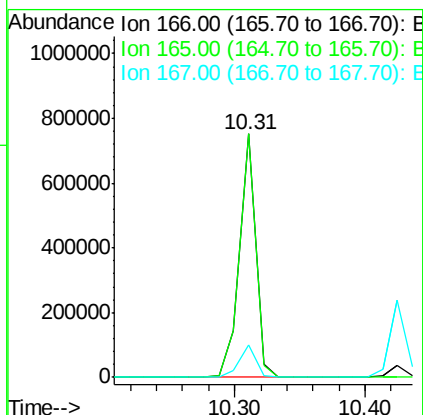
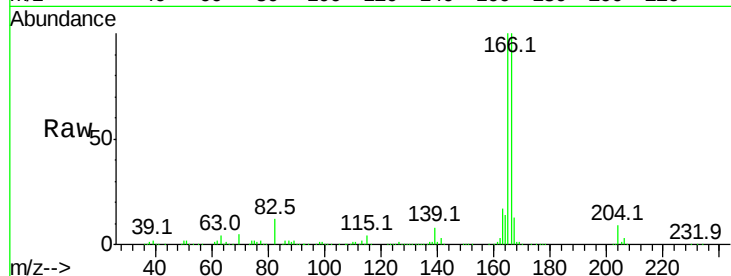




#57
 Fluorene
 Concen: 49.35 ng
 RT: 10.31 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BF093693.D
 Acq: 16 Mar 2017 5:35

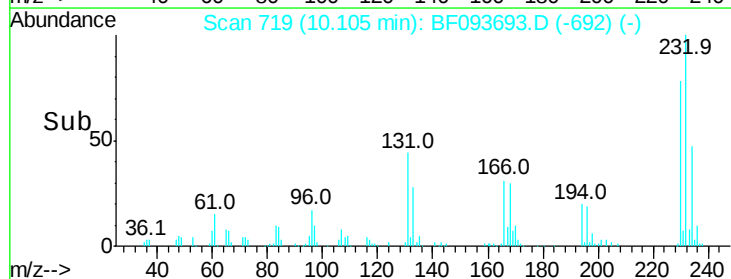
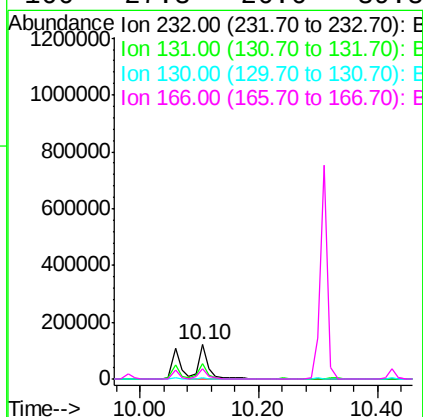
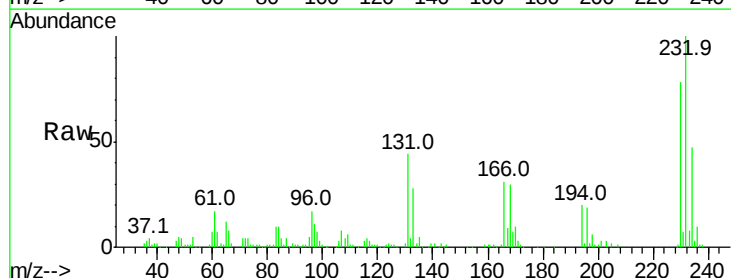
Instrument :
 BNA_F
 ClientSampleId :
 PB97590BS

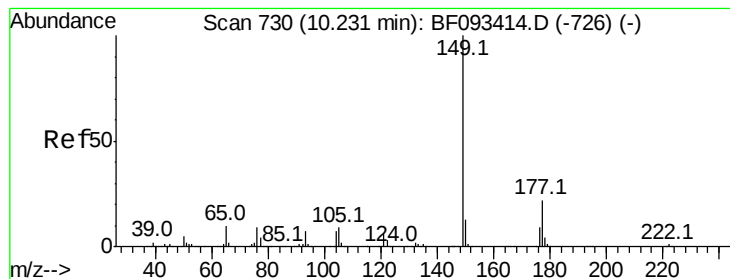
Tot Ion:166 Resp: 647204
 Ion Ratio Lower Upper
 166 100
 165 100.0 77.8 116.8
 167 13.4 10.8 16.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.84 ng
 RT: 10.10 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: BF093693.D
 Acq: 16 Mar 2017 5:35

Tgt Ion:232 Resp: 143460
 Ion Ratio Lower Upper
 232 100
 131 42.9 40.1 60.1
 130 2.0 1.8 2.8
 166 27.3 26.6 39.8





#59

Diethylphthalate

Concen: 48.82 ng

RT: 10.18 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF093693.D

Acq: 16 Mar 2017 5:35

Instrument :

BNA_F

ClientSampleId :

PB97590BS

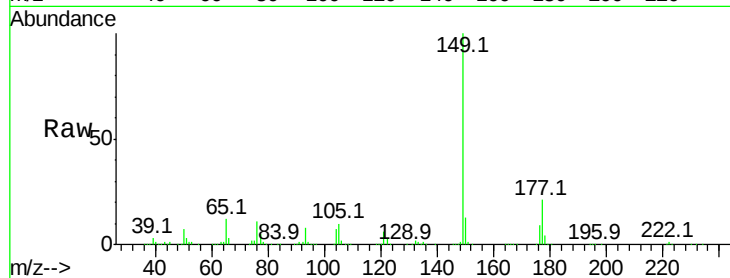
Tot Ion:149 Resp: 703315

Ion Ratio Lower Upper

149 100

177 21.1 16.6 25.0

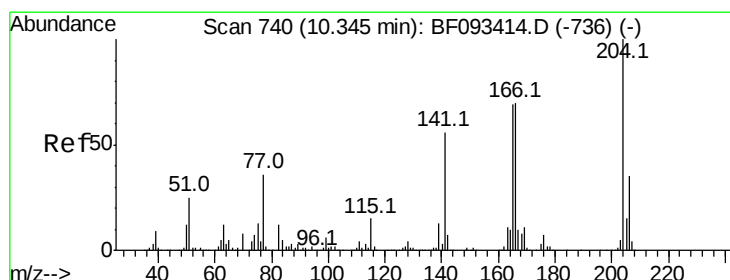
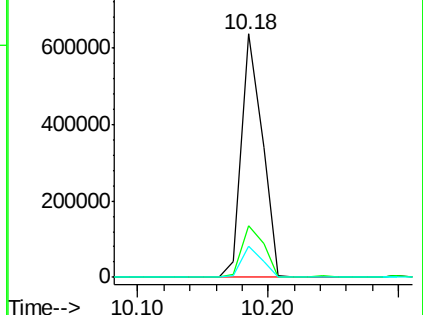
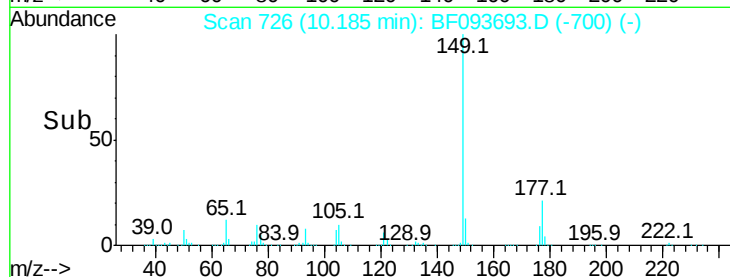
150 12.7 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 49.18 ng

RT: 10.30 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF093693.D

Acq: 16 Mar 2017 5:35

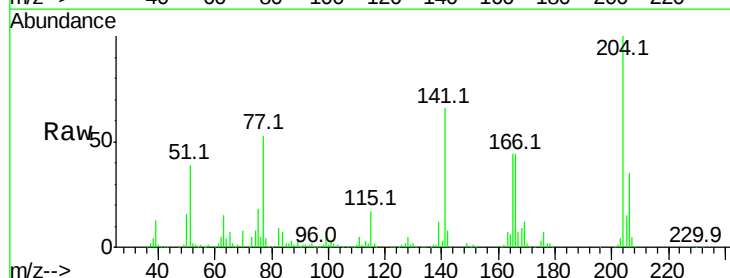
Tgt Ion:204 Resp: 289056

Ion Ratio Lower Upper

204 100

206 34.7 25.8 38.6

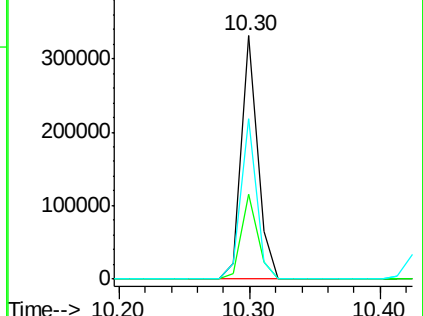
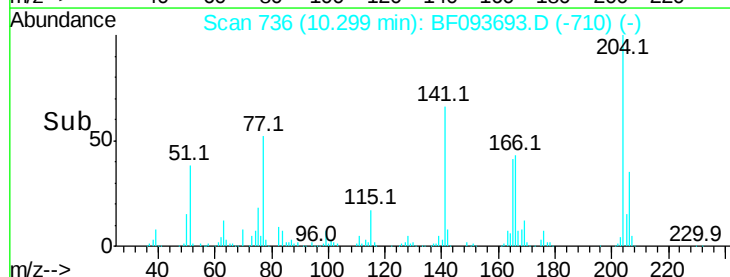
141 66.0 59.4 89.0

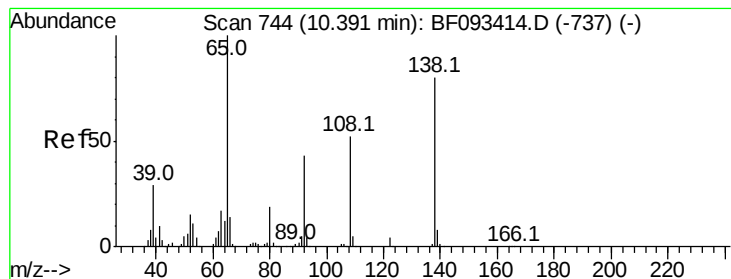


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 35.26 ng

RT: 10.36 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF093693.D

Acq: 16 Mar 2017 5:35

Instrument :

BNA_F

ClientSampleId :

PB97590BS

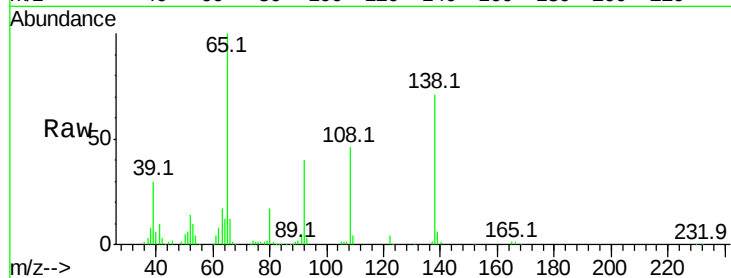
Tot Ion:138 Resp: 143271

Ion Ratio Lower Upper

138 100

92 56.3 31.7 71.7

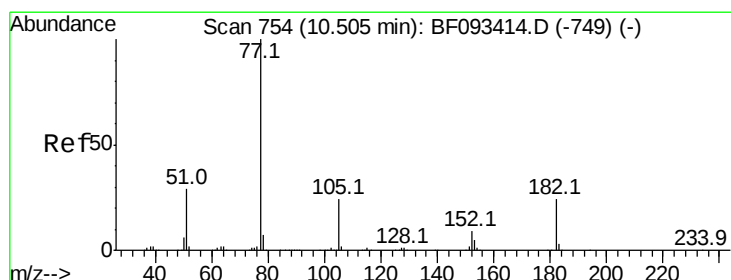
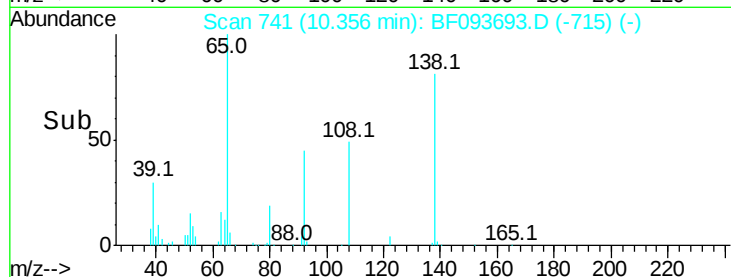
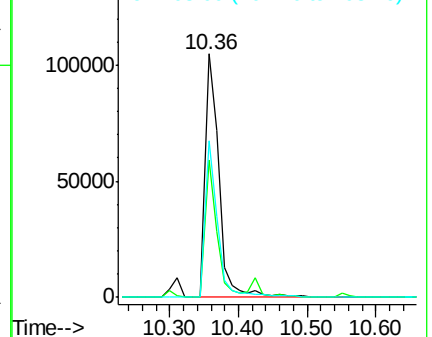
108 64.4 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 46.24 ng

RT: 10.46 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF093693.D

Acq: 16 Mar 2017 5:35

Tgt Ion: 77 Resp: 756969

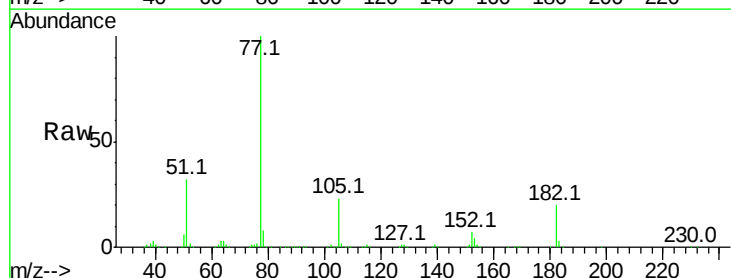
Ion Ratio Lower Upper

77 100

182 19.8 0.0 39.3

105 22.8 2.3 42.3

51 31.7 8.9 48.9

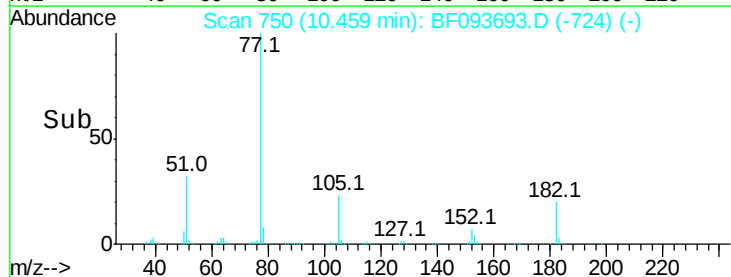
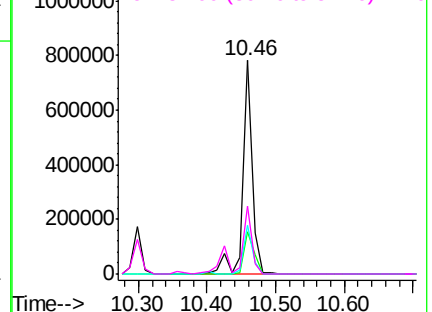


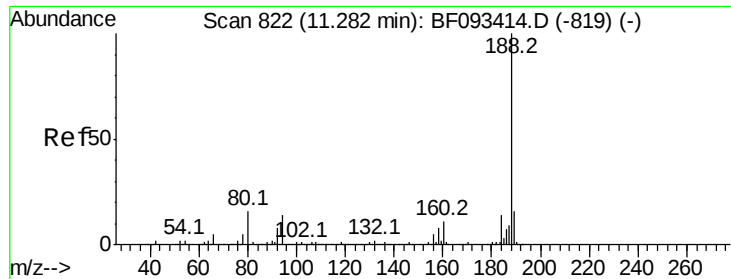
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

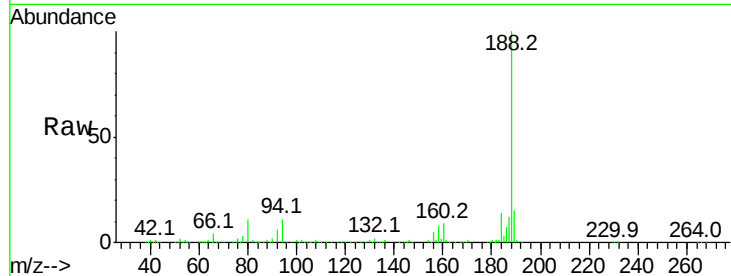




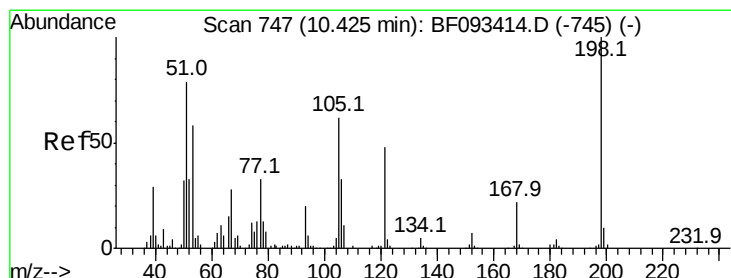
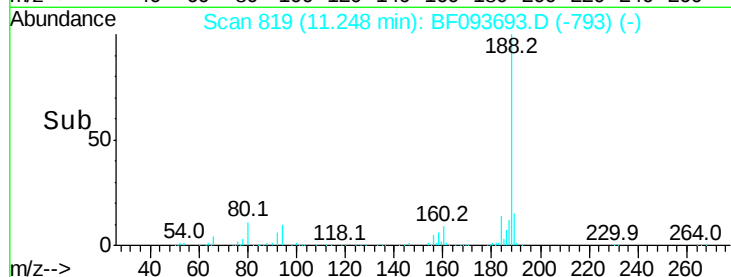
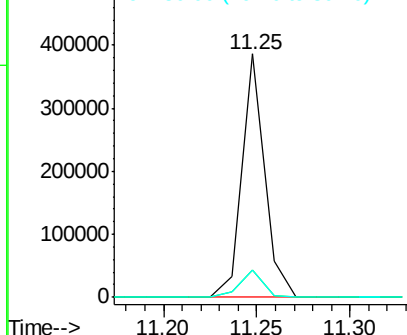
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF093693.D
Acq: 16 Mar 2017 5:35

Instrument :
BNA_F
ClientSampleId :
PB97590BS

Tot Ion:188 Resp: 328525
Ion Ratio Lower Upper
188 100
94 11.0 10.0 15.0
80 11.3 11.2 16.8

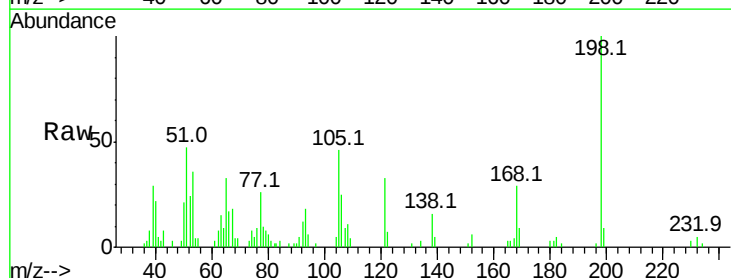


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

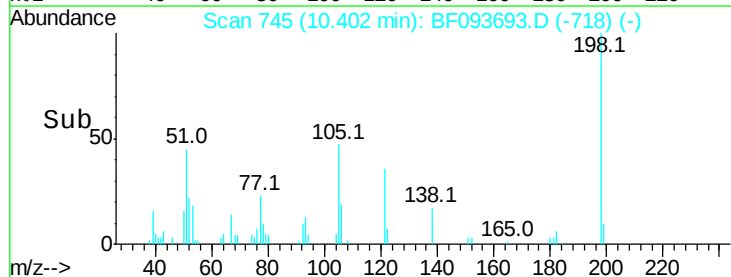
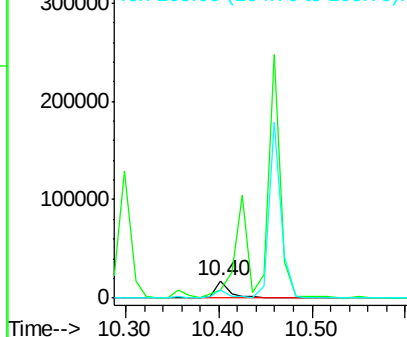


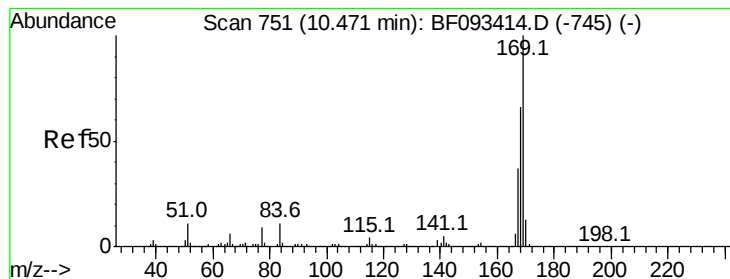
#64
4,6-Dinitro-2-methylphenol
Concen: 10.33 ng
RT: 10.40 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF093693.D
Acq: 16 Mar 2017 5:35

Tgt Ion:198 Resp: 21980
Ion Ratio Lower Upper
198 100
51 46.6 6.7 46.7
105 45.8 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: 49.89 ng

RT: 10.42 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF093693.D

Acq: 16 Mar 2017 5:35

Instrument :

BNA_F

ClientSampleId :

PB97590BS

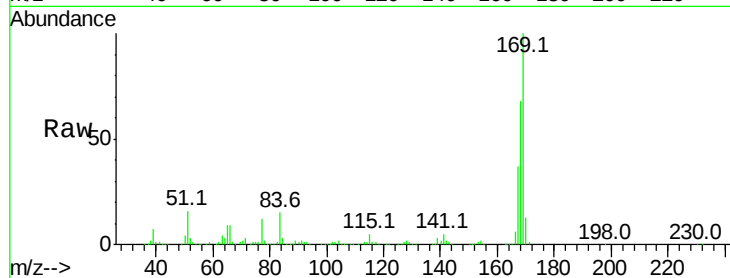
Tot Ion:169 Resp: 547246

Ion Ratio Lower Upper

169 100

168 68.0 54.2 81.2

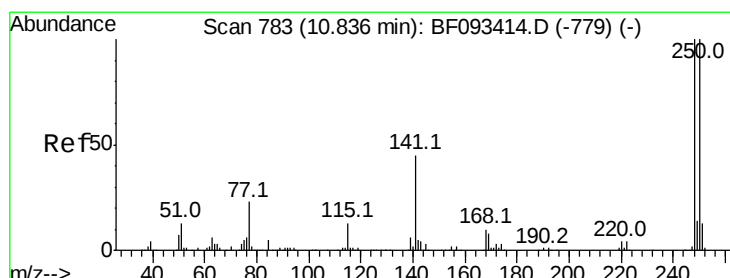
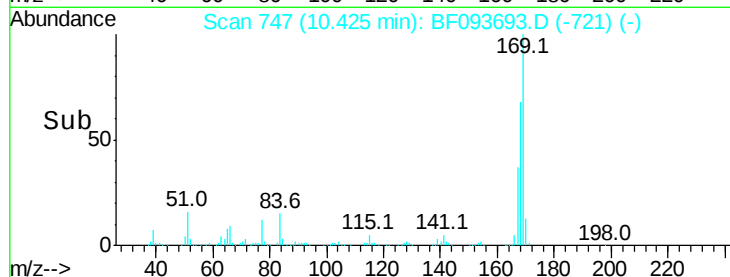
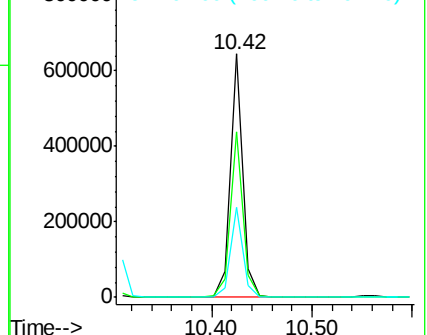
167 37.0 30.2 45.4



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: 49.08 ng

RT: 10.79 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF093693.D

Acq: 16 Mar 2017 5:35

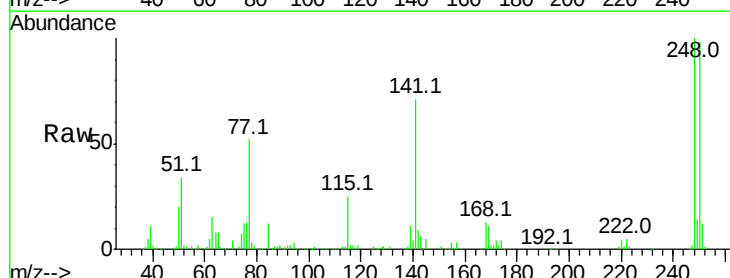
Tgt Ion:248 Resp: 170505

Ion Ratio Lower Upper

248 100

250 98.1 76.9 115.3

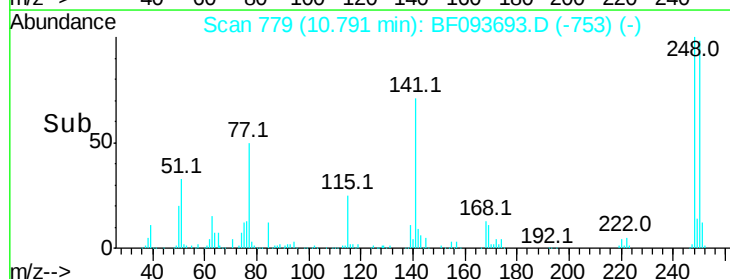
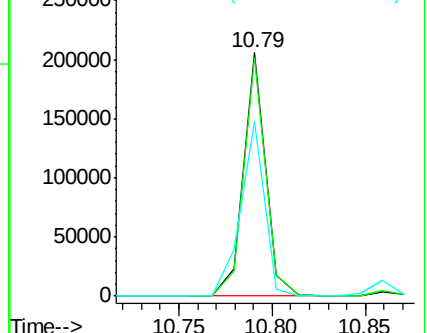
141 71.4 68.2 102.4

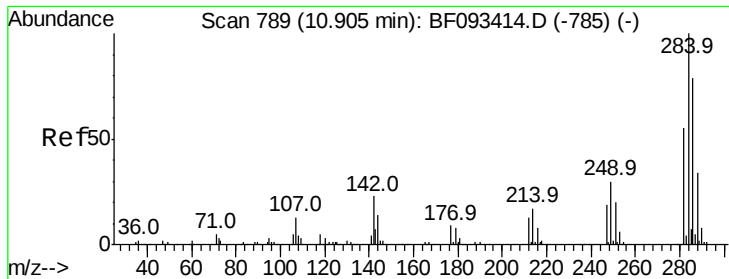


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

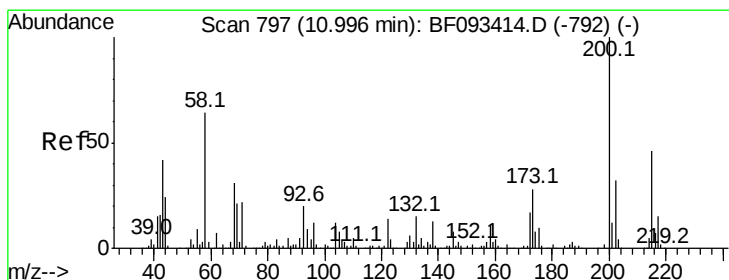
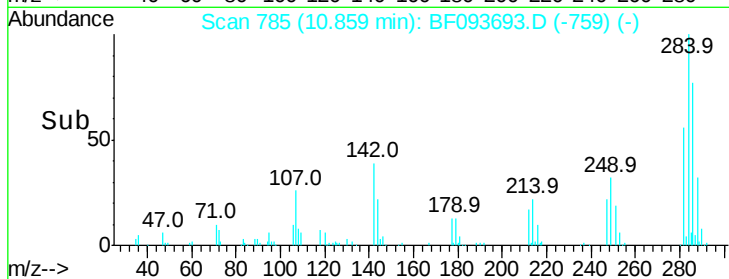
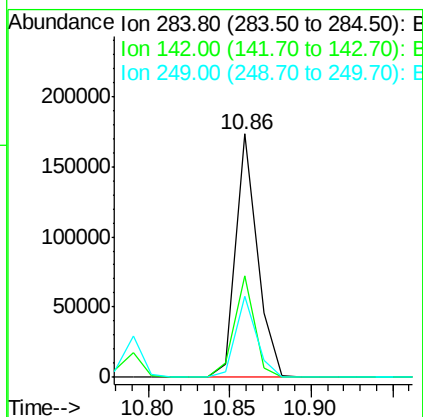
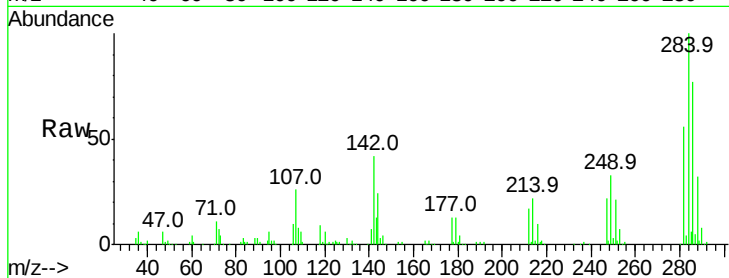




#67
Hexachlorobenzene
Concen: 47.53 ng
RT: 10.86 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF093693.D
Acq: 16 Mar 2017 5:35

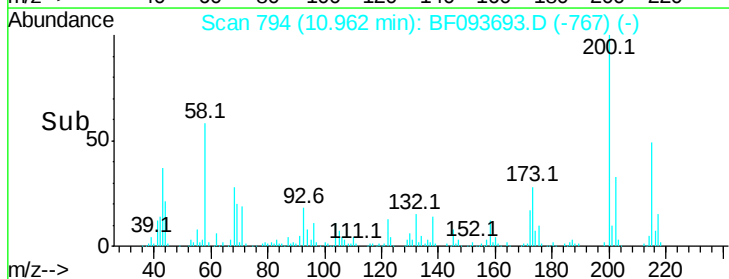
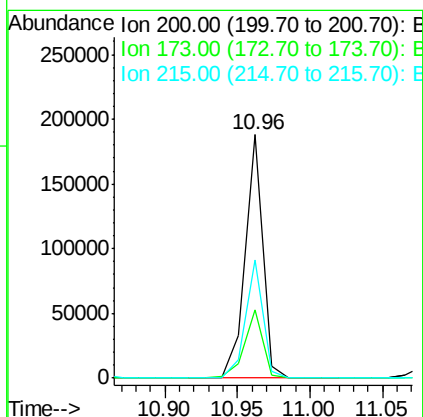
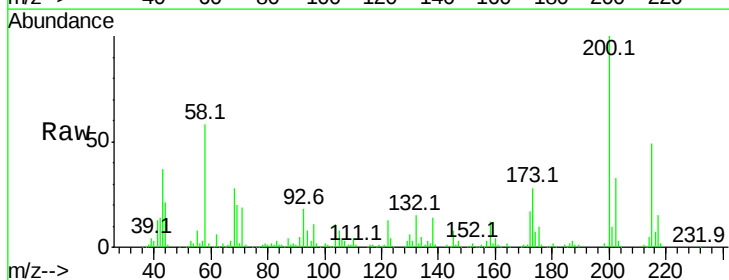
Instrument :
BNA_F
ClientSampleId :
PB97590BS

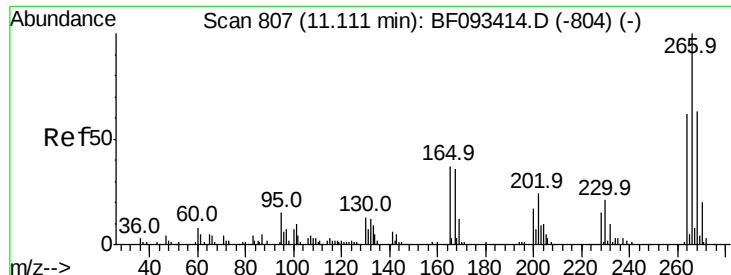
Tot Ion:284 Resp: 157675
Ion Ratio Lower Upper
284 100
142 41.6 22.6 33.8#
249 33.5 25.4 38.0



#68
Atrazine
Concen: 49.40 ng
RT: 10.96 min Scan# 794
Delta R.T. 0.01 min
Lab File: BF093693.D
Acq: 16 Mar 2017 5:35

Tgt Ion:200 Resp: 158614
Ion Ratio Lower Upper
200 100
173 28.2 9.6 49.6
215 48.5 25.7 65.7

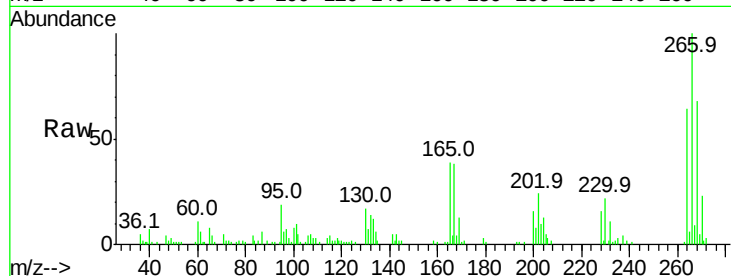




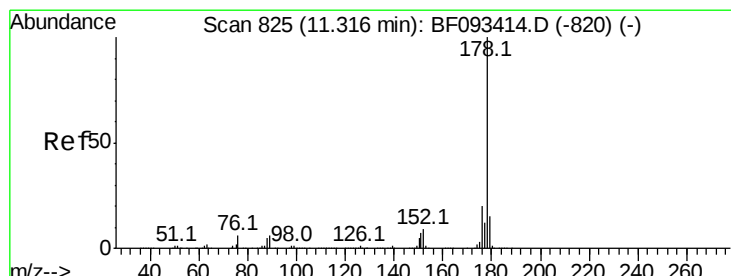
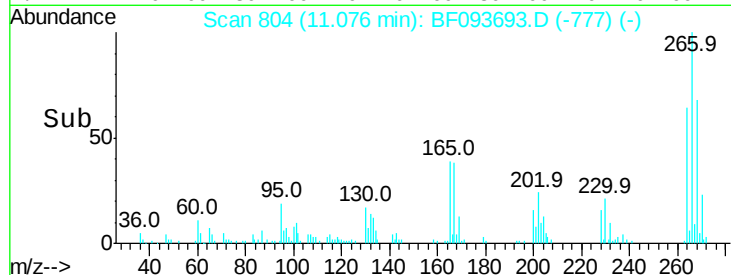
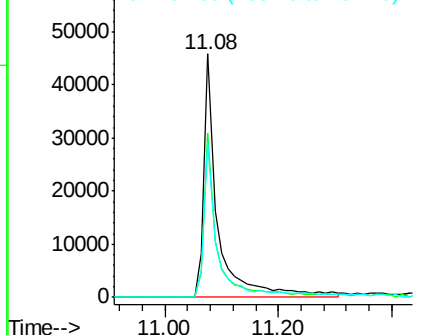
#69
 Pentachlorophenol
 Concen: 67.09 ng
 RT: 11.08 min Scan# 804
 Delta R.T. 0.01 min
 Lab File: BF093693.D
 Acq: 16 Mar 2017 5:35

Instrument :
 BNA_F
 ClientSampleId :
 PB97590BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.5	53.3	79.9
264	63.9	50.3	75.5

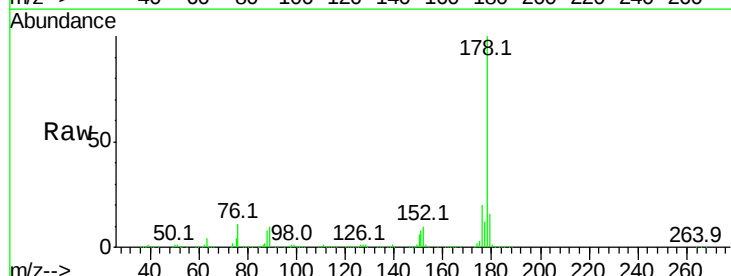


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

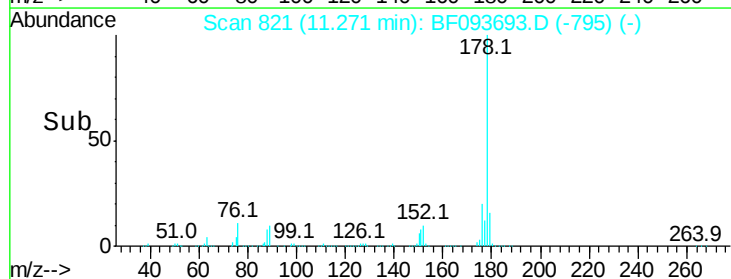
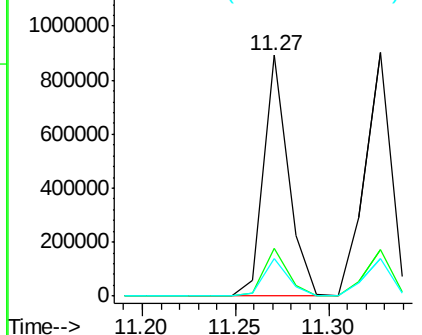


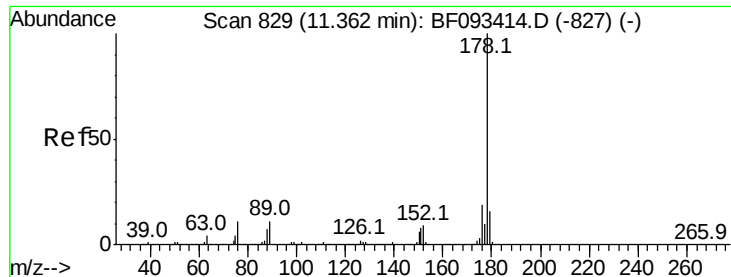
#70
 Phenanthrene
 Concen: 43.42 ng
 RT: 11.27 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF093693.D
 Acq: 16 Mar 2017 5:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.6	25.0
179	15.5	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

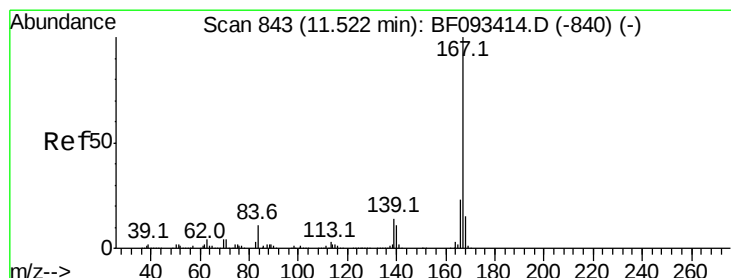
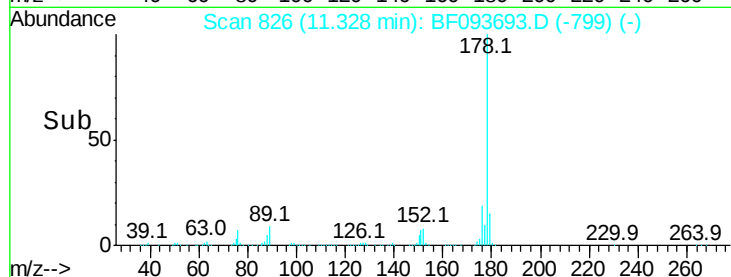
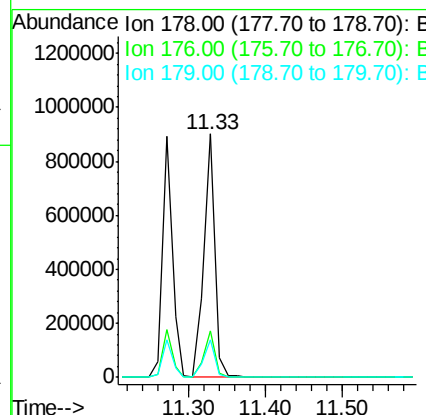
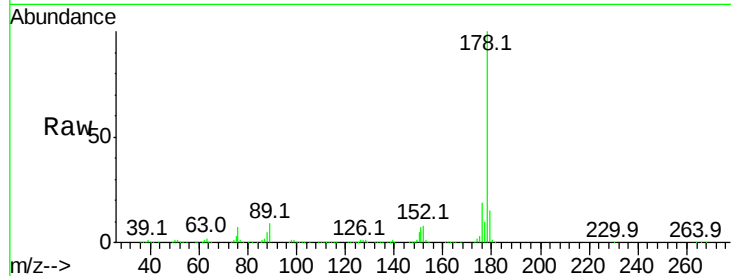




#71
 Anthracene
 Concen: 46.54 ng
 RT: 11.33 min Scan# 826
 Delta R.T. 0.01 min
 Lab File: BF093693.D
 Acq: 16 Mar 2017 5:35

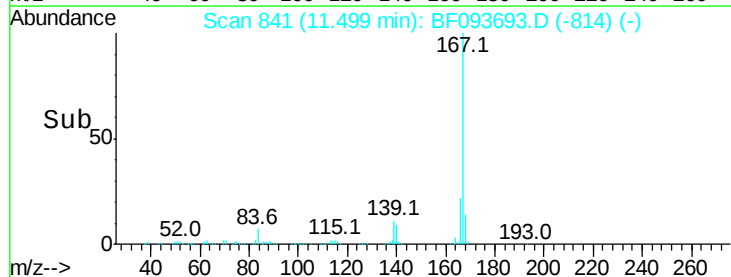
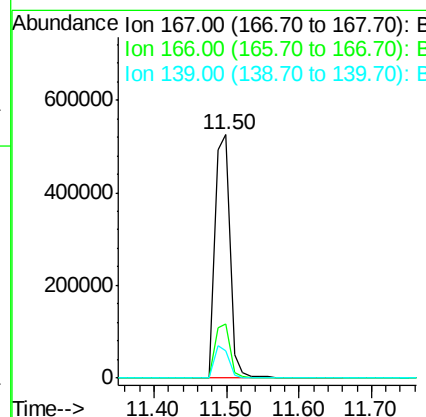
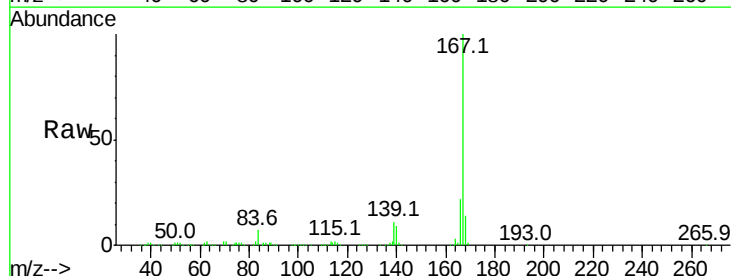
Instrument :
 BNA_F
 ClientSampleId :
 PB97590BS

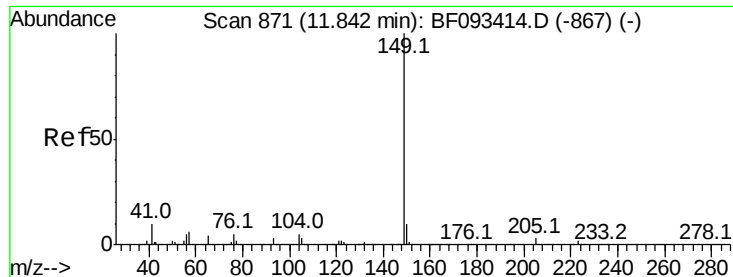
Tot Ion:178 Resp: 882846
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.9 23.9
 179 15.2 13.2 19.8



#72
 Carbazole
 Concen: 42.43 ng
 RT: 11.50 min Scan# 841
 Delta R.T. 0.01 min
 Lab File: BF093693.D
 Acq: 16 Mar 2017 5:35

Tgt Ion:167 Resp: 756084
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.2 27.2
 139 11.1 11.4 17.2#





#73

Di-n-butylphthalate

Concen: 47.07 ng

RT: 11.81 min Scan# 868

Delta R.T. 0.00 min

Lab File: BF093693.D

Acq: 16 Mar 2017 5:35

Instrument :

BNA_F

ClientSampleId :

PB97590BS

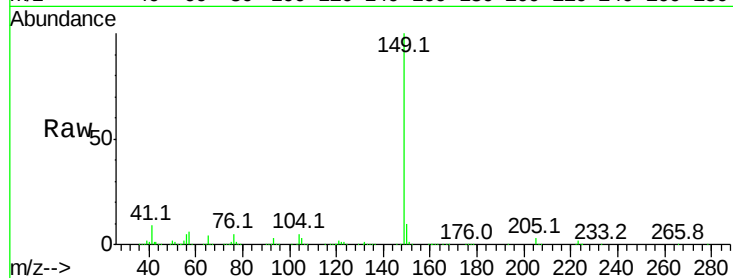
Tot Ion:149 Resp: 970517

Ion Ratio Lower Upper

149 100

150 9.6 8.1 12.1

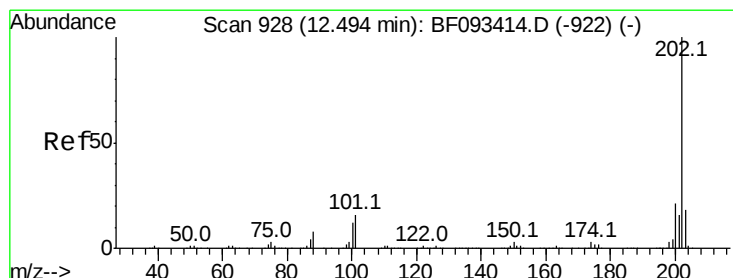
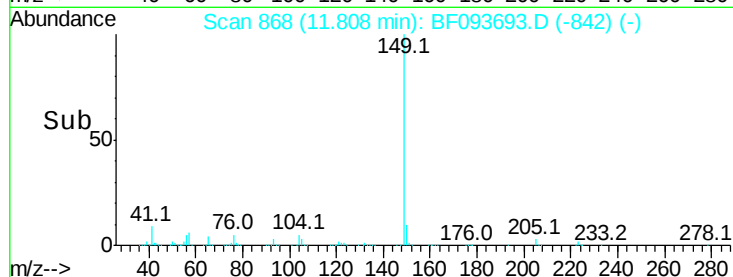
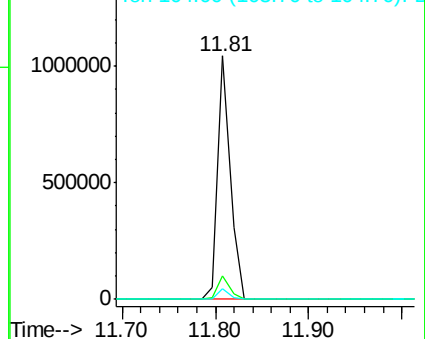
104 4.6 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.90 ng

RT: 12.46 min Scan# 925

Delta R.T. 0.00 min

Lab File: BF093693.D

Acq: 16 Mar 2017 5:35

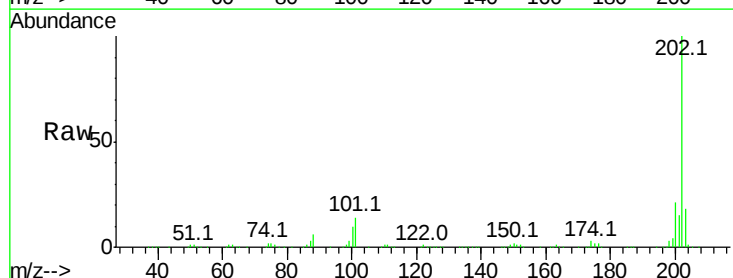
Tgt Ion:202 Resp: 813296

Ion Ratio Lower Upper

202 100

101 13.8 0.0 34.6

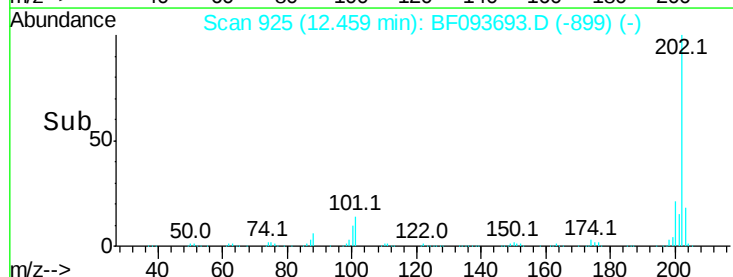
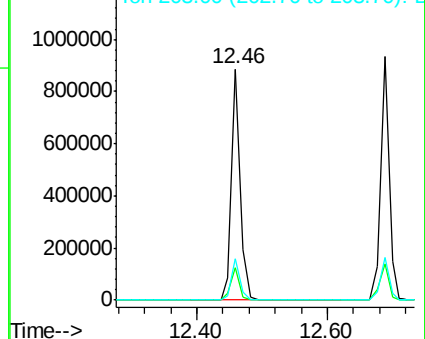
203 17.7 0.0 38.7

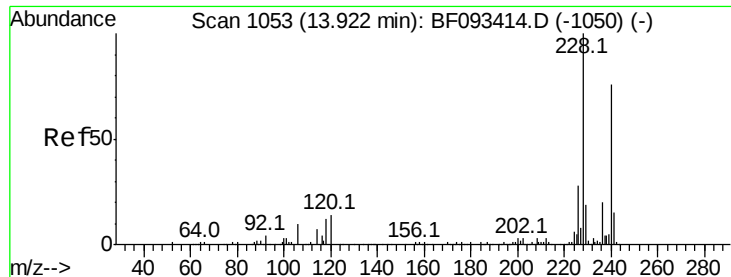


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BF093693.D

Acq: 16 Mar 2017 5:35

Instrument :

BNA_F

ClientSampleID :

PB97590BS

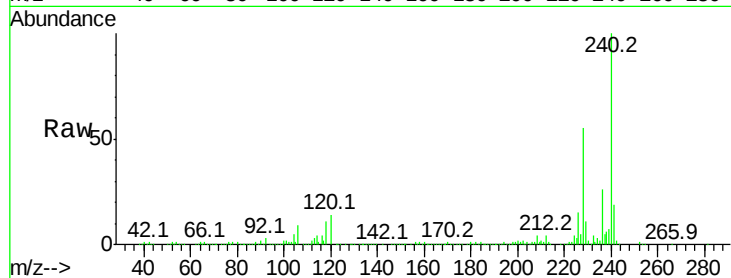
Tot Ion:240 Resp: 314719

Ion Ratio Lower Upper

240 100

120 13.8 12.9 19.3

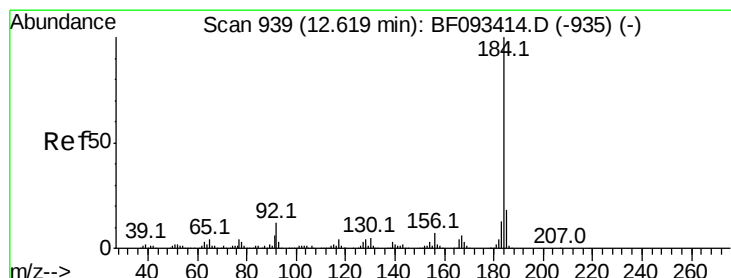
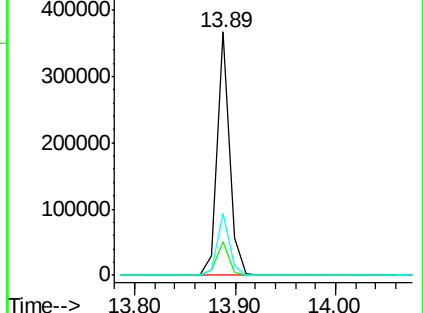
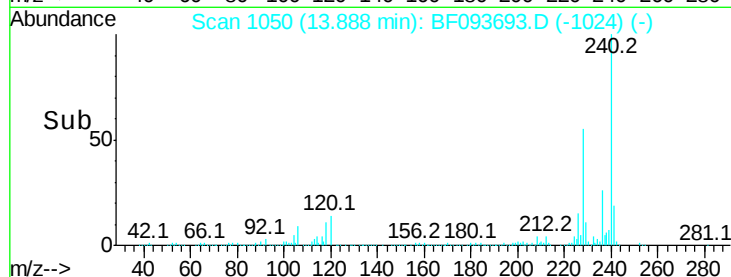
236 25.5 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 37.68 ng

RT: 12.60 min Scan# 937

Delta R.T. 0.01 min

Lab File: BF093693.D

Acq: 16 Mar 2017 5:35

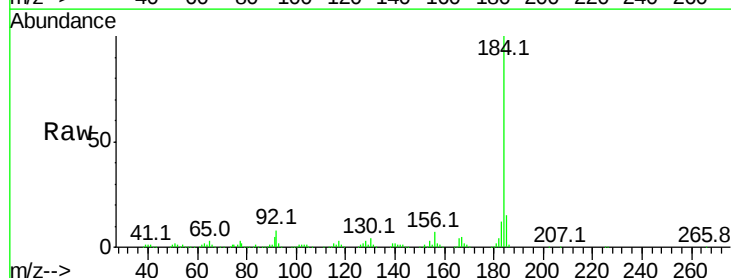
Tgt Ion:184 Resp: 390009

Ion Ratio Lower Upper

184 100

185 15.0 13.4 20.0

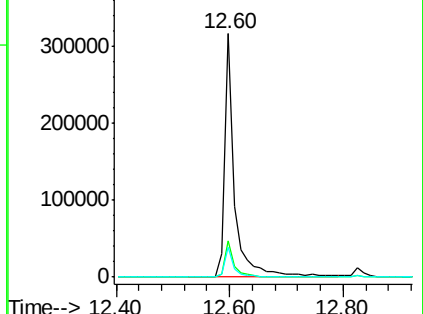
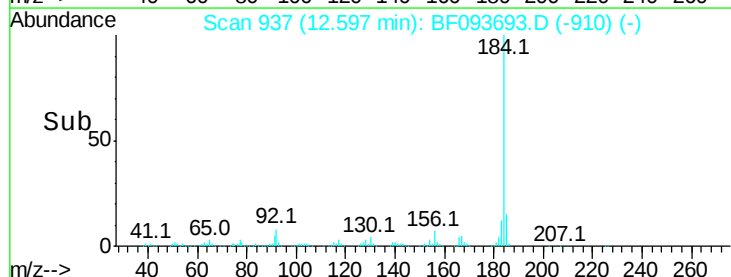
183 12.3 9.2 13.8

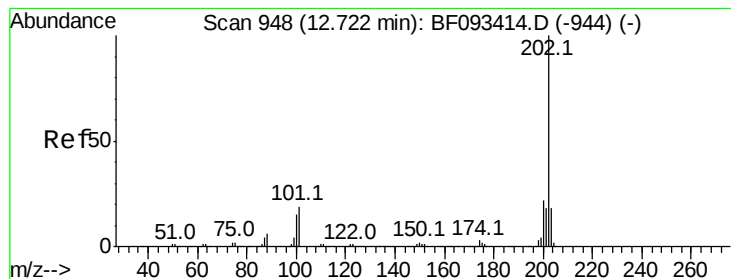


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 36.89 ng

RT: 12.69 min Scan# 945

Delta R.T. 0.01 min

Lab File: BF093693.D

Acq: 16 Mar 2017 5:35

Instrument :

BNA_F

ClientSampleId :

PB97590BS

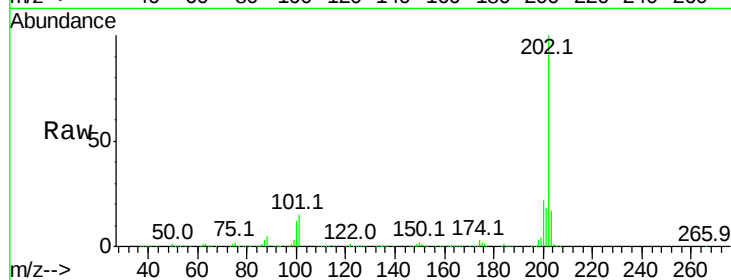
Tot Ion:202 Resp: 844442

Ion Ratio Lower Upper

202 100

200 21.7 17.7 26.5

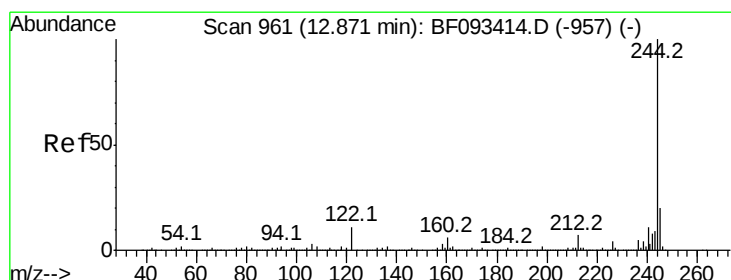
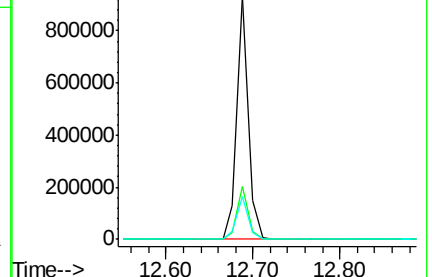
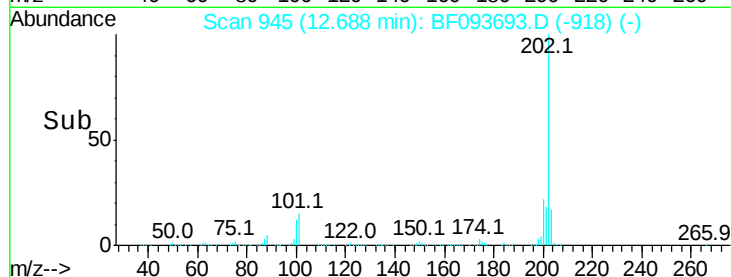
203 17.4 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 76.25 ng

RT: 12.83 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF093693.D

Acq: 16 Mar 2017 5:35

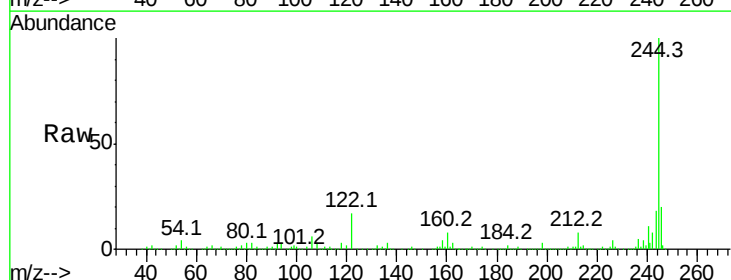
Tgt Ion:244 Resp: 923043

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

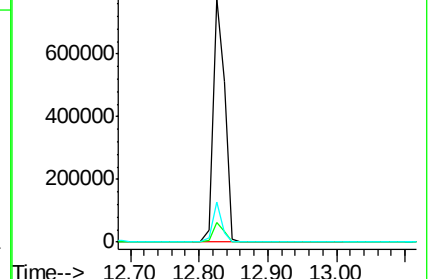
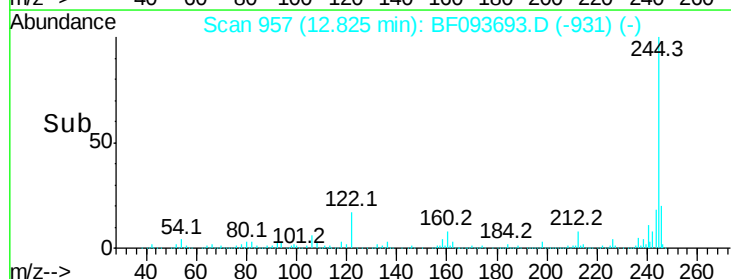
122 16.6 11.4 17.2

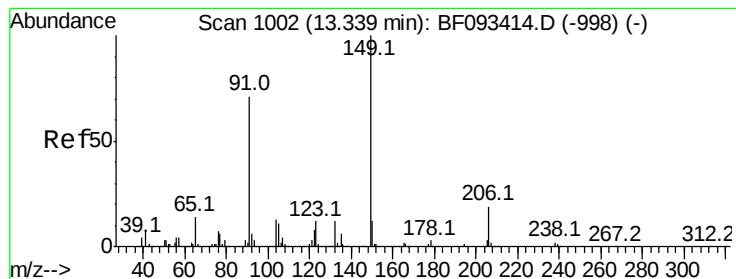


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 42.43 ng

RT: 13.31 min Scan# 999

Delta R.T. 0.01 min

Lab File: BF093693.D

Acq: 16 Mar 2017 5:35

Instrument :

BNA_F

ClientSampled :

PB97590BS

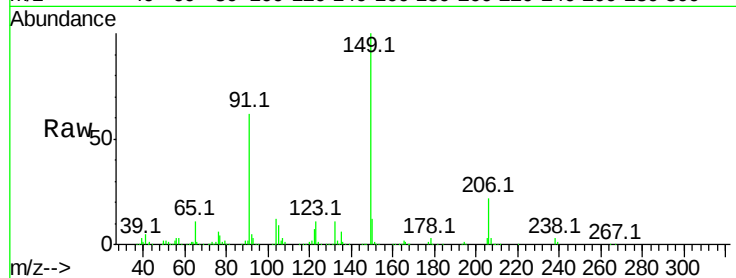
Tot Ion:149 Resp: 408861

Ion Ratio Lower Upper

149 100

91 61.6 63.9 95.9#

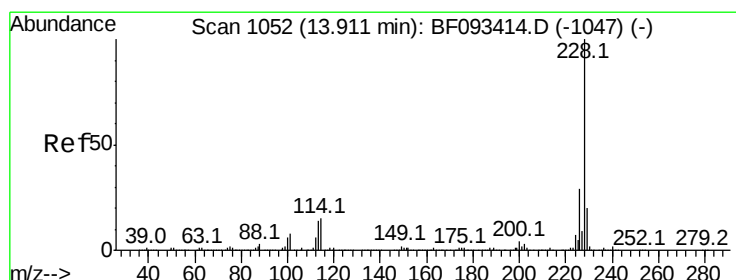
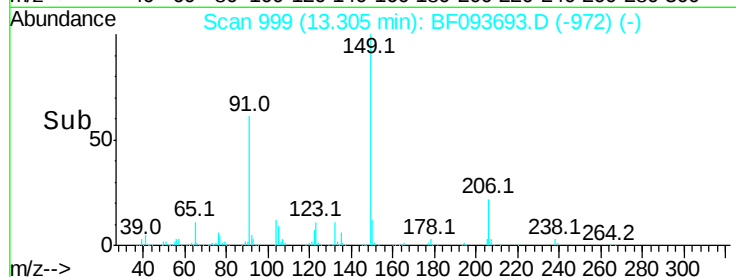
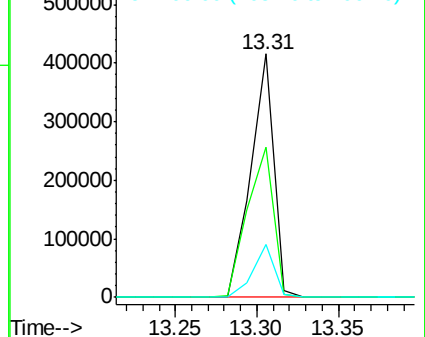
206 21.8 14.6 21.8



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



#80

Benzo(a)anthracene

Concen: 40.82 ng

RT: 13.88 min Scan# 1049

Delta R.T. 0.01 min

Lab File: BF093693.D

Acq: 16 Mar 2017 5:35

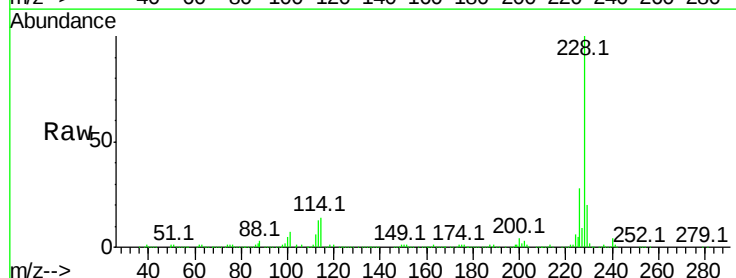
Tgt Ion:228 Resp: 758662

Ion Ratio Lower Upper

228 100

226 28.2 22.4 33.6

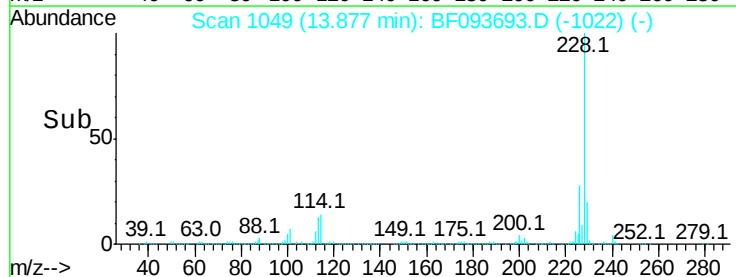
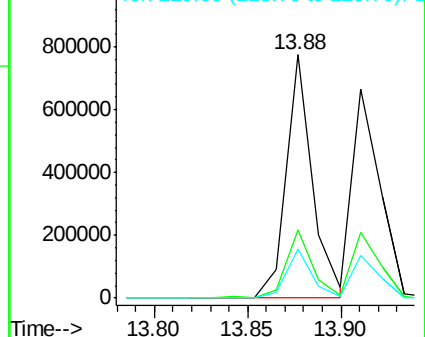
229 20.2 16.2 24.4

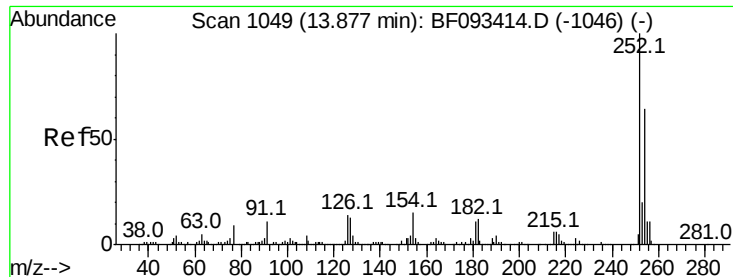


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

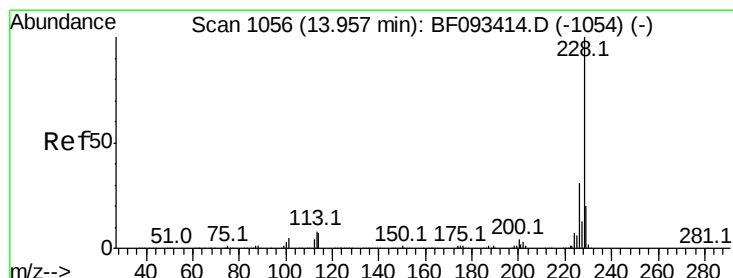
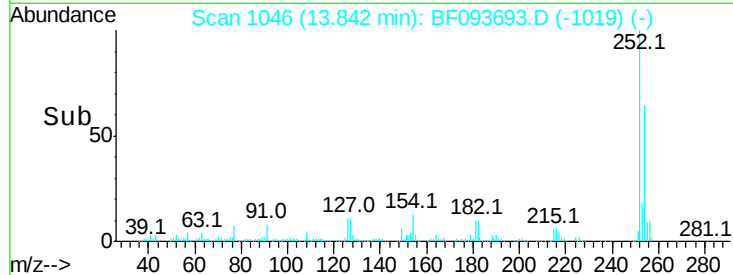
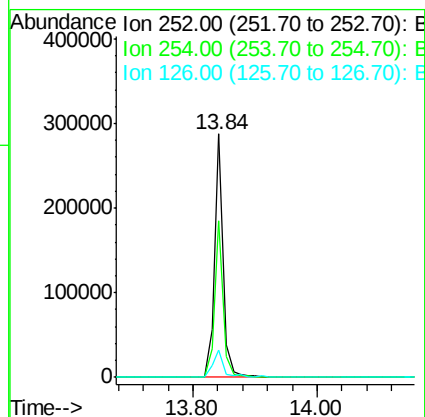
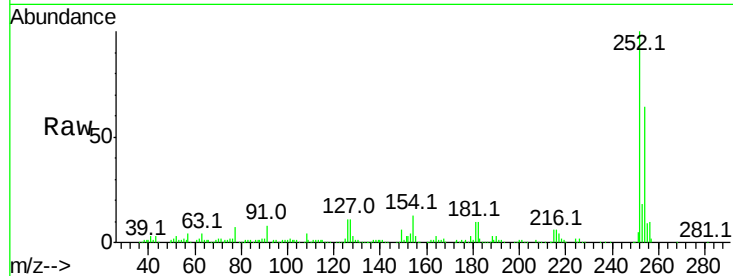




#81
 3,3'-Dichlorobenzidine
 Concen: 42.22 ng
 RT: 13.84 min Scan# 1046
 Delta R.T. 0.01 min
 Lab File: BF093693.D
 Acq: 16 Mar 2017 5:35

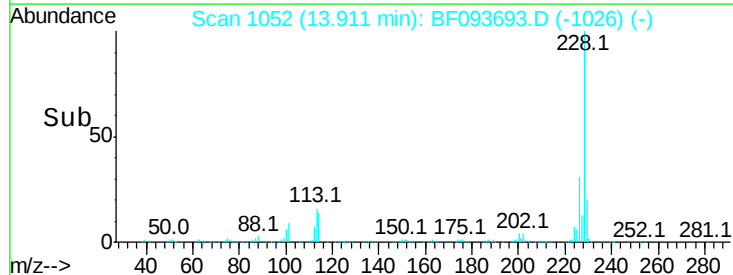
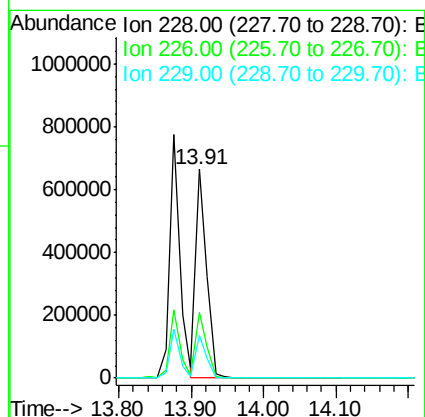
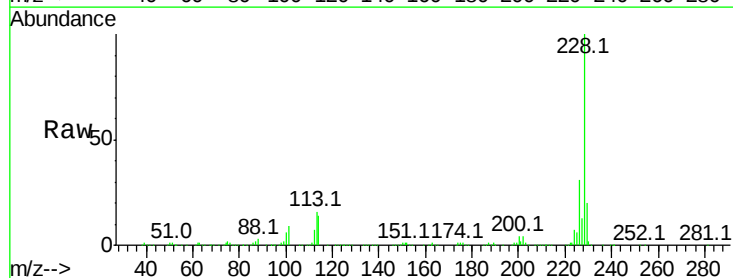
Instrument :
 BNA_F
 ClientSampleId :
 PB97590BS

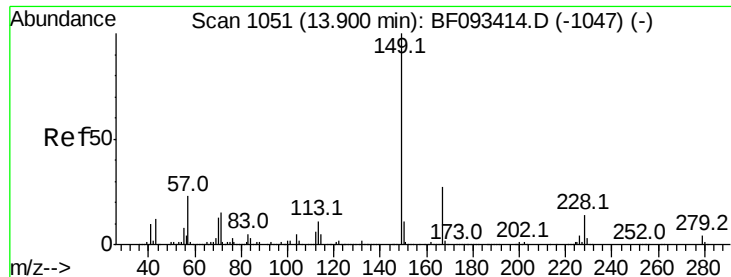
Tot Ion:252 Resp: 274816
 Ion Ratio Lower Upper
 252 100
 254 64.3 52.3 78.5
 126 11.4 13.6 20.4#



#82
 Chrysene
 Concen: 40.55 ng
 RT: 13.91 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: BF093693.D
 Acq: 16 Mar 2017 5:35

Tgt Ion:228 Resp: 697299
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.4 38.0
 229 20.2 16.2 24.2

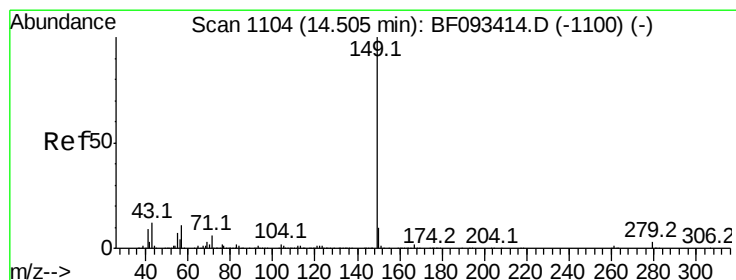
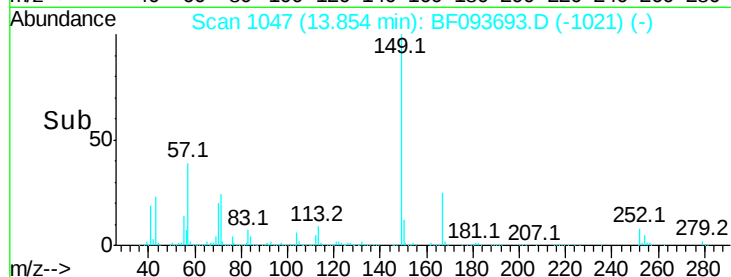
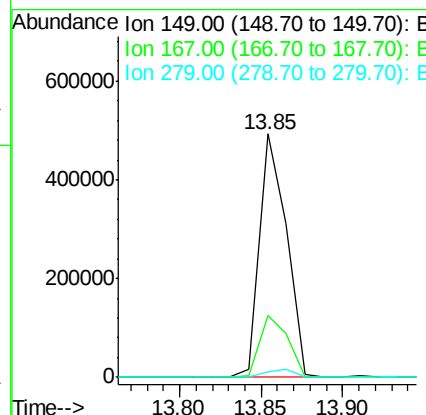
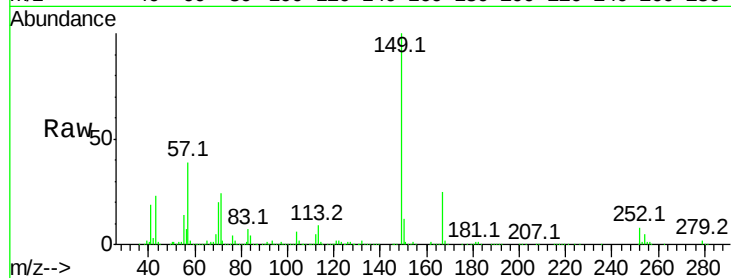




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.37 ng
 RT: 13.85 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: BF093693.D
 Acq: 16 Mar 2017 5:35

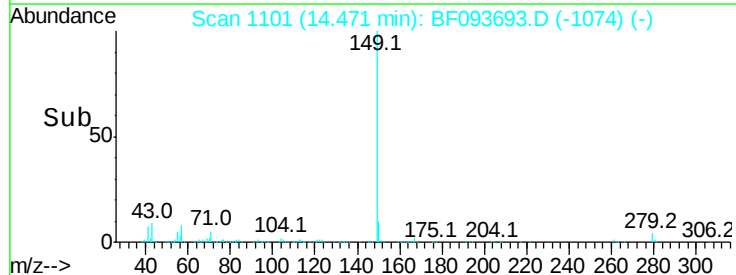
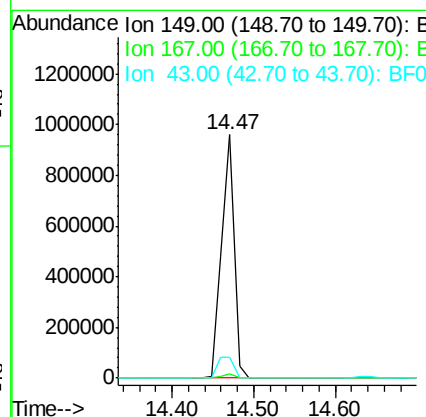
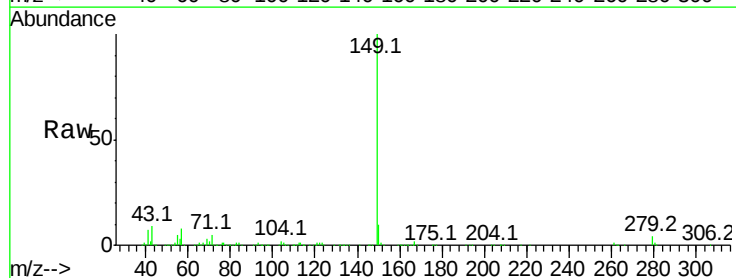
Instrument :
 BNA_F
 ClientSampleId :
 PB97590BS

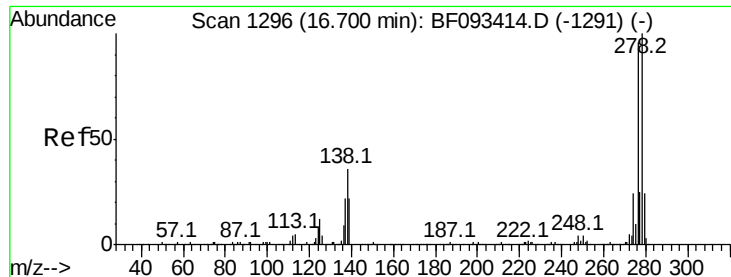
Tot Ion:149 Resp: 569059
 Ion Ratio Lower Upper
 149 100
 167 25.3 20.2 30.4
 279 2.1 1.8 2.8



#84
 Di-n-octyl phthalate
 Concen: 46.21 ng
 RT: 14.47 min Scan# 1101
 Delta R.T. 0.01 min
 Lab File: BF093693.D
 Acq: 16 Mar 2017 5:35

Tgt Ion:149 Resp: 1034429
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 11.1 8.9 13.3

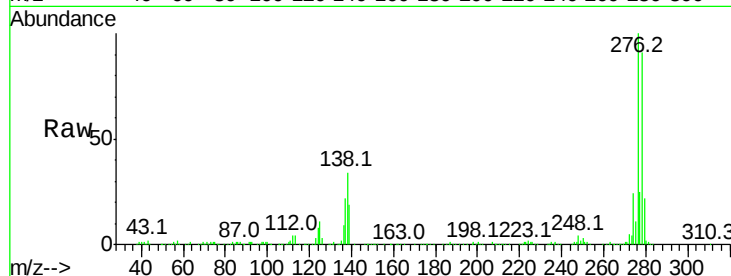




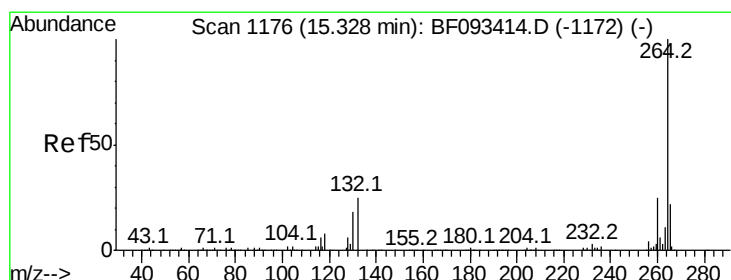
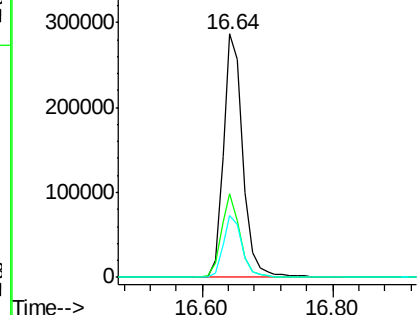
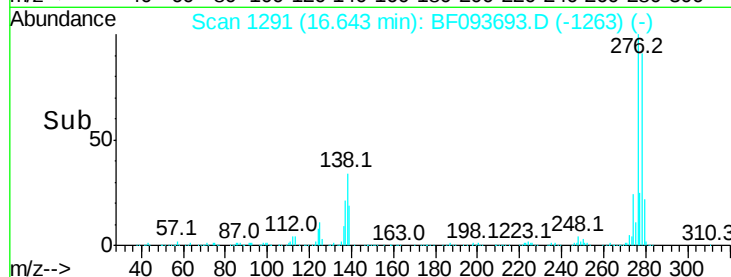
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.51 ng
 RT: 16.64 min Scan# 1291
 Delta R.T. 0.02 min
 Lab File: BF093693.D
 Acq: 16 Mar 2017 5:35

Instrument :
 BNA_F
 ClientSampleId :
 PB97590BS

Tot Ion:276 Resp: 597556
 Ion Ratio Lower Upper
 276 100
 138 33.2 21.8 32.6#
 277 25.0 20.2 30.4

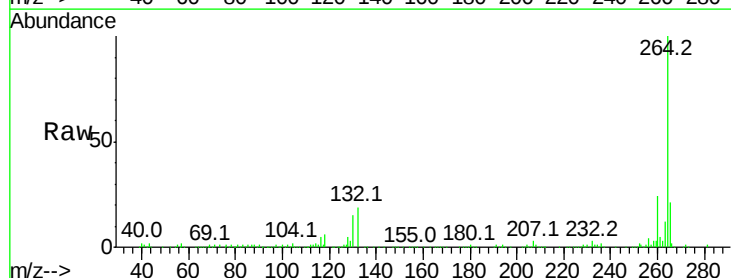


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

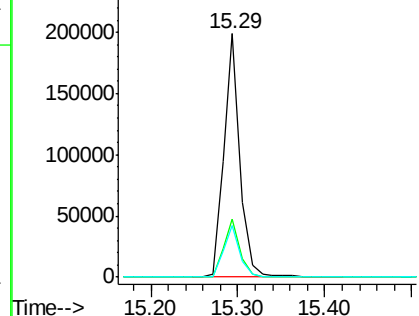
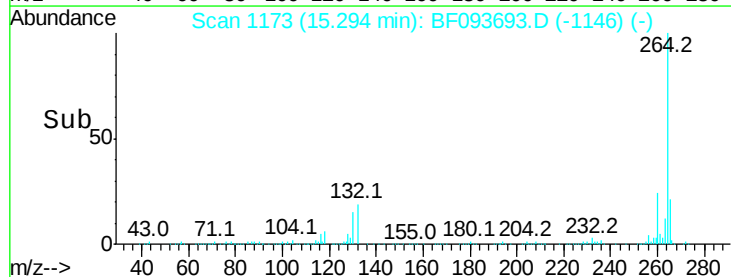


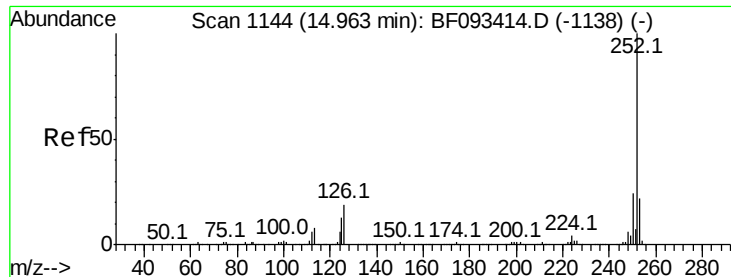
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1173
 Delta R.T. 0.01 min
 Lab File: BF093693.D
 Acq: 16 Mar 2017 5:35

Tgt Ion:264 Resp: 257367
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.3 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 59.97 ng m

RT: 14.89 min Scan# 1138

Delta R.T. 0.00 min

Lab File: BF093693.D

Acq: 16 Mar 2017 5:35

Instrument :

BNA_F

ClientSampleId :

PB97590BS

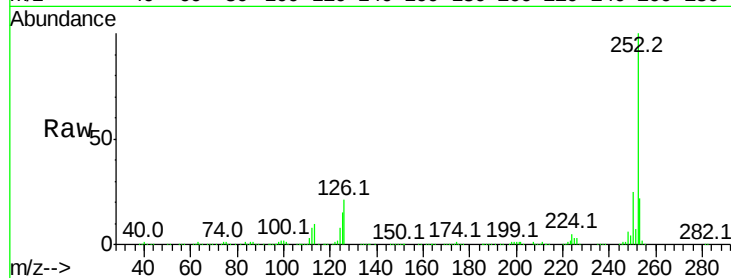
Tot Ion:252 Resp: 940054

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.4

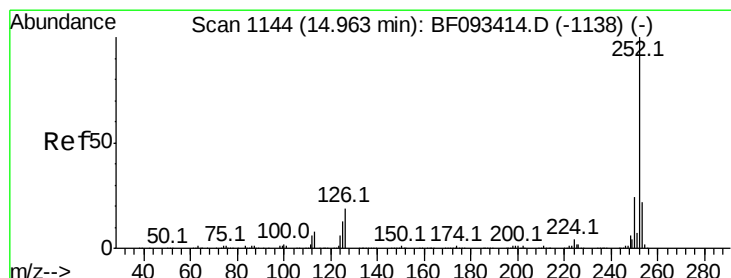
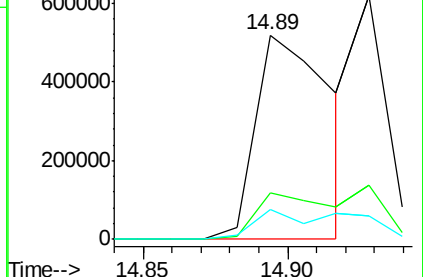
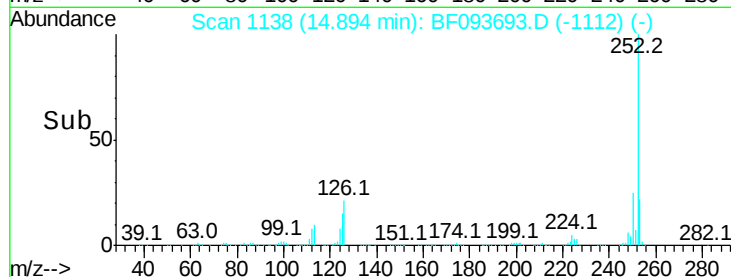
125 14.8 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 32.93 ng m

RT: 14.93 min Scan# 1141

Delta R.T. 0.01 min

Lab File: BF093693.D

Acq: 16 Mar 2017 5:35

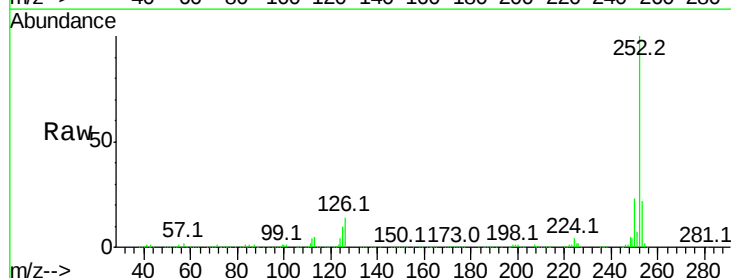
Tgt Ion:252 Resp: 497723

Ion Ratio Lower Upper

252 100

253 22.1 18.5 27.7

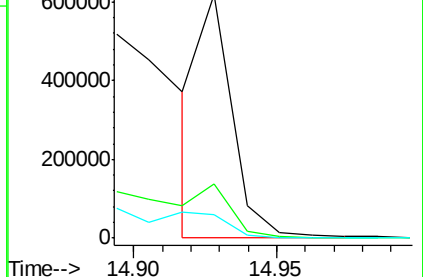
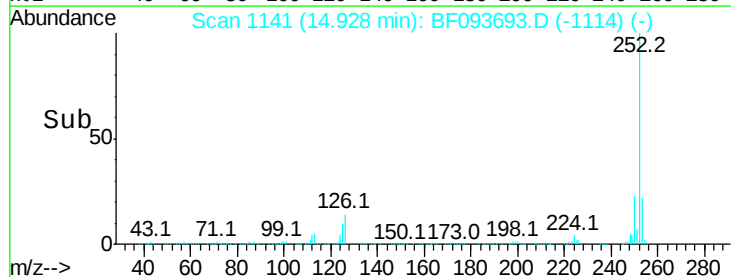
125 9.7 8.9 13.3

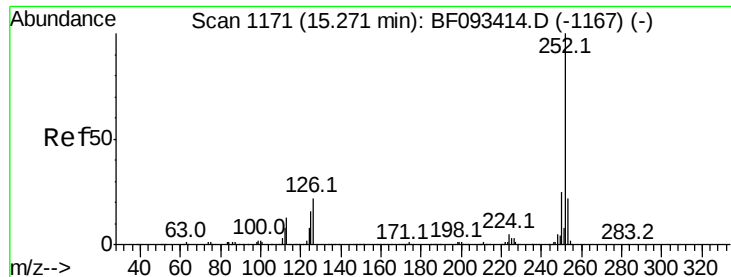


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 45.58 ng

RT: 15.24 min Scan# 1168

Delta R.T. 0.01 min

Lab File: BF093693.D

Acq: 16 Mar 2017 5:35

Instrument :

BNA_F

ClientSampleId :

PB97590BS

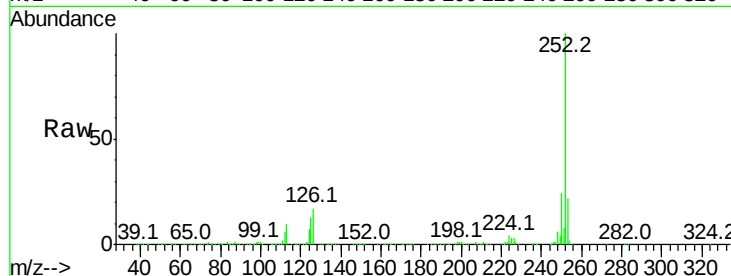
Tot Ion:252 Resp: 652983

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.2

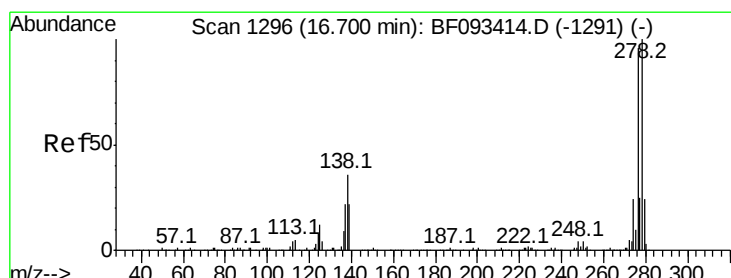
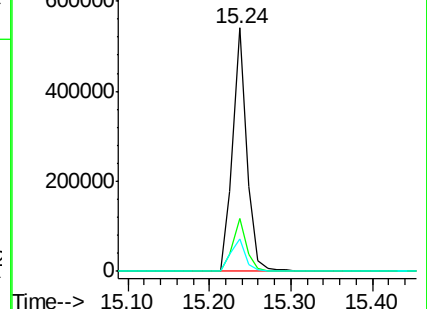
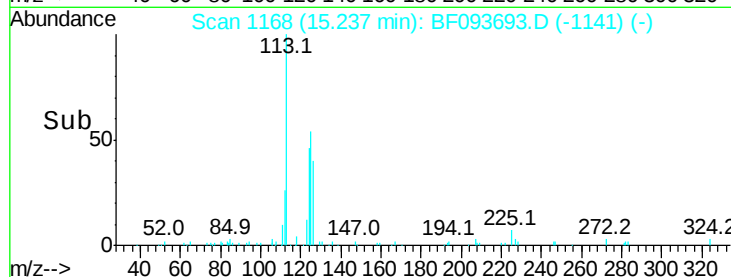
125 13.1 10.0 15.0



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: 43.09 ng

RT: 16.64 min Scan# 1291

Delta R.T. 0.02 min

Lab File: BF093693.D

Acq: 16 Mar 2017 5:35

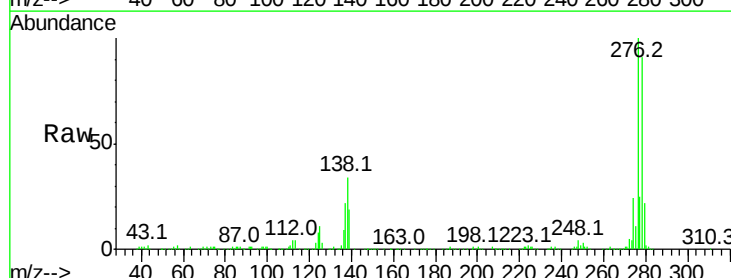
Tgt Ion:278 Resp: 510700

Ion Ratio Lower Upper

278 100

139 20.8 14.8 22.2

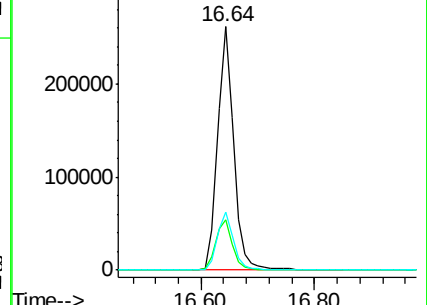
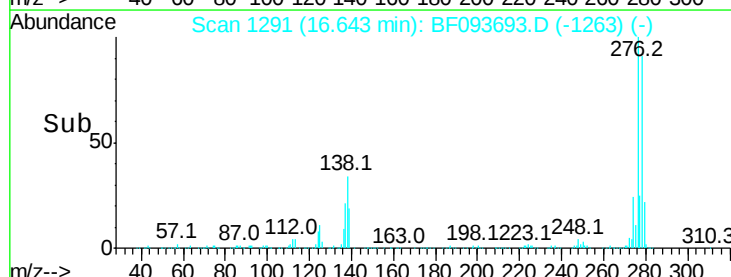
279 24.0 19.8 29.6

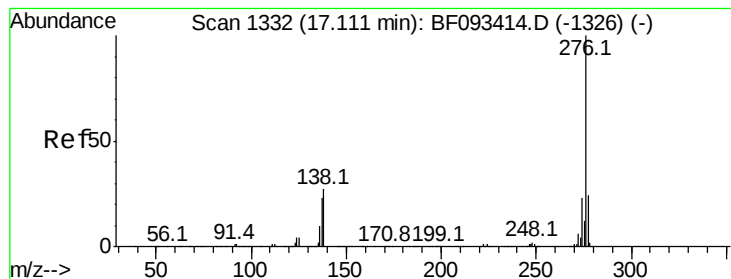


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 40.00 ng
 RT: 17.05 min Scan# 1327
 Delta R.T. 0.03 min
 Lab File: BF093693.D
 Acq: 16 Mar 2017 5:35

Instrument :
 BNA_F
 ClientSampleId :
 PB97590BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.2	28.8
138	26.6	16.0	24.0

