

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030217\
 Data File : BF093325.D
 Acq On : 2 Mar 2017 17:19
 Operator : SJ/MA
 Sample : PB97286BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97286BS

Quant Time: Mar 03 00:03:52 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	150061	20.00	ng	-0.06
21) Naphthalene-d8	8.09	136	588220	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	282816	20.00	ng	-0.05
63) Phenanthrene-d10	11.34	188	512128	20.00	ng	-0.03
75) Chrysene-d12	13.99	240	434901	20.00	ng	-0.03
86) Perylene-d12	15.40	264	331464	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1277515	146.06	ng	-0.05
7) Phenol-d6	6.45	99	1544105	137.20	ng	-0.03
23) Nitrobenzene-d5	7.37	82	1000970	94.76	ng	-0.06
41) 2,4,6-Tribromophenol	10.66	330	304569	148.90	ng	-0.02
44) 2-Fluorobiphenyl	9.17	172	1453777	93.13	ng	-0.05
78) Terphenyl-d14	12.93	244	1458668	78.81	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	2.40	88	186726	39.51	ng	# 82
3) Pyridine	3.09	79	480529	39.98	ng	89
4) n-Nitrosodimethylamine	3.06	42	263624	46.72	ng	88
6) Aniline	6.46	93	406398	26.47	ng	# 77
8) 2-Chlorophenol	6.58	128	415632	43.07	ng	83
9) Benzaldehyde	6.34	77	136495	16.93	ng	87
10) Phenol	6.46	94	626449	47.58	ng	82
11) bis(2-Chloroethyl)ether	6.53	93	450117	42.83	ng	90
12) 1,3-Dichlorobenzene	6.74	146	468260	41.43	ng	98
13) 1,4-Dichlorobenzene	6.81	146	478807	41.86	ng	100
14) 1,2-Dichlorobenzene	6.97	146	447301	40.89	ng	98
15) Benzyl Alcohol	6.96	79	357413	42.90	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.08	45	757546	41.49	ng	92
17) 2-Methylphenol	7.07	107	368633	44.53	ng	97
18) Hexachloroethane	7.31	117	167244	42.83	ng	# 89
19) n-Nitroso-di-n-propylamine	7.22	70	323381	45.14	ng	95
20) 3+4-Methylphenols	7.23	107	486915	49.19	ng	# 75
22) Acetophenone	7.22	105	617312	45.96	ng	# 97
24) Nitrobenzene	7.39	77	513061	47.30	ng	98
25) Isophorone	7.63	82	923495	46.92	ng	95
26) 2-Nitrophenol	7.71	139	254149	49.29	ng	96
27) 2,4-Dimethylphenol	7.76	122	428128	47.28	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	605448	46.44	ng	100
29) 2,4-Dichlorophenol	7.96	162	394705	46.74	ng	95
30) 1,2,4-Trichlorobenzene	8.03	180	379246	41.67	ng	95
31) Naphthalene	8.11	128	1209094	40.55	ng	99
32) Benzoic acid	7.90	122	171258	35.56	ng	96
33) 4-Chloroaniline	8.17	127	266614	22.80	ng	94
34) Hexachlorobutadiene	8.22	225	196831	39.31	ng	98
35) Caprolactam	8.56	113	88324	33.25	ng	# 60
36) 4-Chloro-3-methylphenol	8.67	107	402577	45.72	ng	98
37) 2-Methylnaphthalene	8.81	142	828874	43.29	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	377810	47.59	ng	98
40) Hexachlorocyclopentadiene	8.96	237	252769	70.57	ng	97

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030217\
 Data File : BF093325.D
 Acq On : 2 Mar 2017 17:19
 Operator : SJ/MA
 Sample : PB97286BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97286BS

Quant Time: Mar 03 00:03:52 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

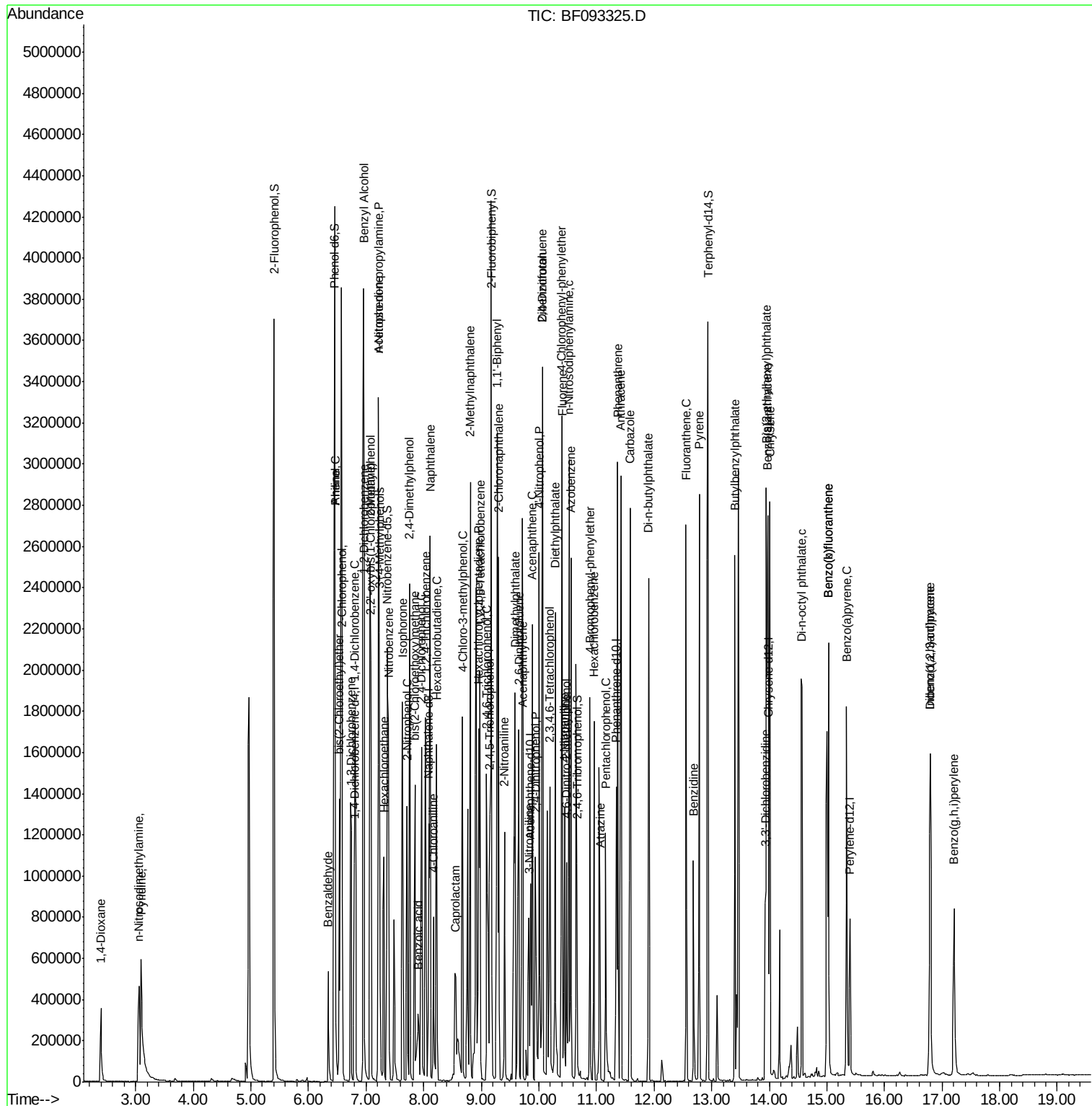
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	248180	47.58	ng	92
43) 2,4,5-Trichlorophenol	9.15	196	241888	42.32	ng	# 84
45) 1,1'-Biphenyl	9.28	154	1014014	49.51	ng	98
46) 2-Chloronaphthalene	9.30	162	767178	47.89	ng	96
47) 2-Nitroaniline	9.40	65	267643	49.69	ng	90
48) Acenaphthylene	9.72	152	1225355	44.28	ng	97
49) Dimethylphthalate	9.58	163	963923	50.60	ng	100
50) 2,6-Dinitrotoluene	9.65	165	222614	54.11	ng	95
51) Acenaphthene	9.88	154	723926	43.75	ng	97
52) 3-Nitroaniline	9.82	138	158166	33.59	ng	83
53) 2,4-Dinitrophenol	9.94	184	225945	106.31	ng	# 42
54) Dibenzofuran	10.06	168	1053726	47.61	ng	94
55) 4-Nitrophenol	10.01	139	212152	62.56	ng	91
56) 2,4-Dinitrotoluene	10.06	165	255893	46.72	ng	94
57) Fluorene	10.41	166	861547	50.60	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	205634	53.93	ng	93
59) Diethylphthalate	10.28	149	839550	46.77	ng	99
60) 4-Chlorophenyl-phenylether	10.40	204	377035	46.09	ng	89
61) 4-Nitroaniline	10.44	138	224139	46.48	ng	94
62) Azobenzene	10.56	77	1039584	56.05	ng	97
64) 4,6-Dinitro-2-methylphenol	10.48	198	145519	46.76	ng	# 41
65) n-Nitrosodiphenylamine	10.52	169	739330	45.19	ng	100
66) 4-Bromophenyl-phenylether	10.89	248	227686	42.55	ng	93
67) Hexachlorobenzene	10.96	284	217923	41.22	ng	# 89
68) Atrazine	11.06	200	242093	46.11	ng	92
69) Pentachlorophenol	11.16	266	183335	68.32	ng	99
70) Phenanthrene	11.37	178	1132493	38.60	ng	99
71) Anthracene	11.42	178	1302641	44.21	ng	98
72) Carbazole	11.58	167	1184023	42.04	ng	98
73) Di-n-butylphthalate	11.90	149	1316030	43.20	ng	98
74) Fluoranthene	12.56	202	1131705	37.39	ng	97
76) Benzidine	12.68	184	419777	22.65	ng	96
77) Pyrene	12.79	202	1138760	34.99	ng	99
79) Butylbenzylphthalate	13.40	149	633196	47.91	ng	88
80) Benzo(a)anthracene	13.97	228	1091242	41.03	ng	99
81) 3,3'-Dichlorobenzidine	13.94	252	249502	26.31	ng	# 94
82) Chrysene	14.01	228	834965	33.53	ng	100
83) Bis(2-ethylhexyl)phthalate	13.95	149	802921	44.42	ng	100
84) Di-n-octyl phthalate	14.57	149	1388465	47.17	ng	100
85) Indeno(1,2,3-cd)pyrene	16.80	276	743235	38.53	ng	# 94
87) Benzo(b)fluoranthene	15.03	252	1750987	80.26	ng	98
88) Benzo(k)fluoranthene	15.03	252	1750987	92.95	ng	97
89) Benzo(a)pyrene	15.35	252	824663	43.70	ng	98
90) Dibenzo(a,h)anthracene	16.80	278	622785	40.83	ng	# 94
91) Benzo(g,h,i)perylene	17.21	276	625531	40.60	ng	# 90

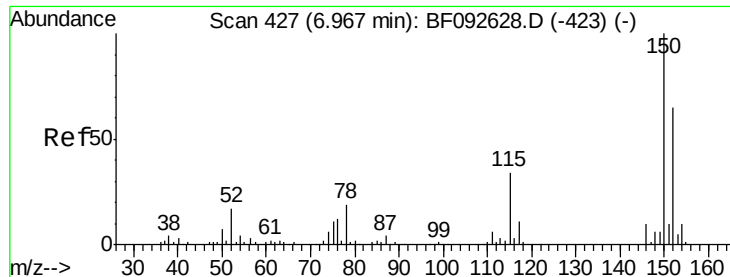
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030217\
Data File : BF093325.D
Acq On : 2 Mar 2017 17:19
Operator : SJ/MA
Sample : PB97286BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB97286BS

Quant Time: Mar 03 00:03:52 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.06 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

Instrument :

BNA_F

ClientSampleId :

PB97286BS

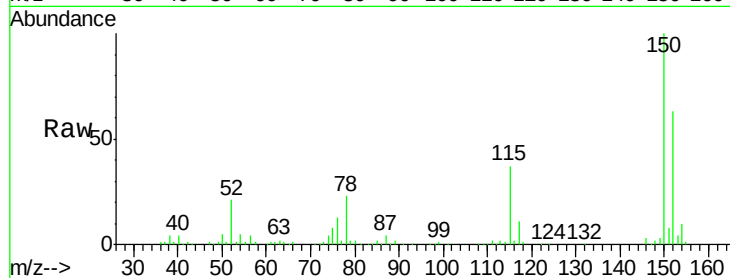
Tgt Ion:152 Resp: 150061

Ion Ratio Lower Upper

152 100

150 159.0 124.9 187.3

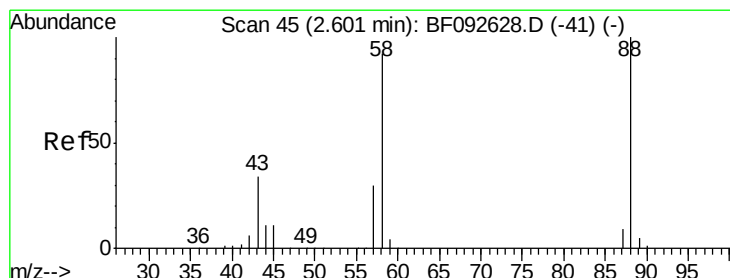
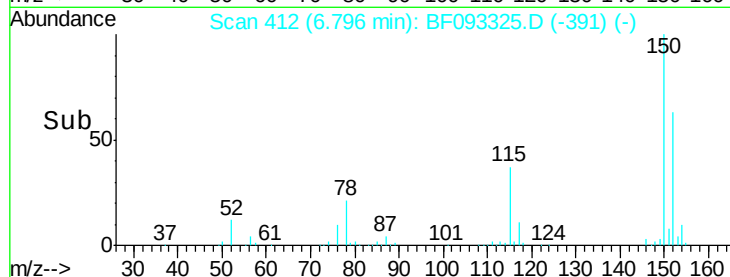
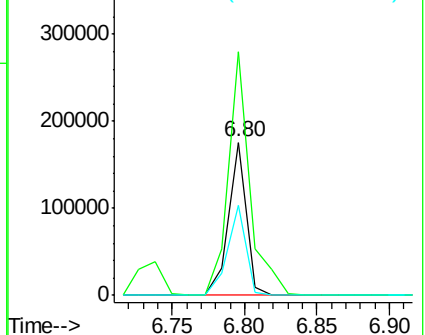
115 58.6 46.0 69.0



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: 39.51 ng

RT: 2.40 min Scan# 27

Delta R.T. -0.03 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

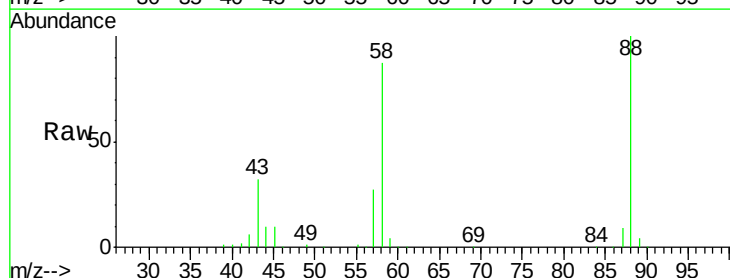
Tgt Ion: 88 Resp: 186726

Ion Ratio Lower Upper

88 100

58 90.4 57.8 86.8#

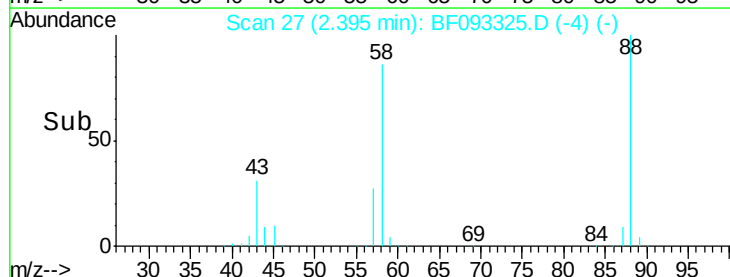
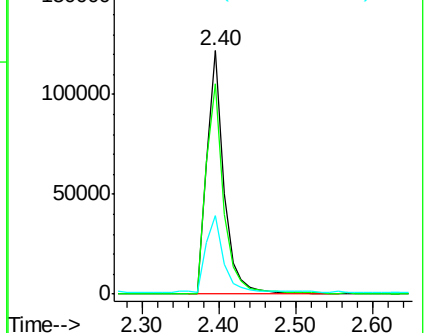
43 32.2 22.3 33.5

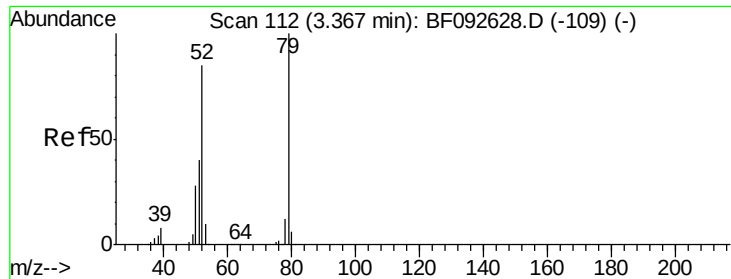


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 39.98 ng

RT: 3.09 min Scan# 88

Delta R.T. -0.06 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

Instrument :

BNA_F

ClientSampleId :

PB97286BS

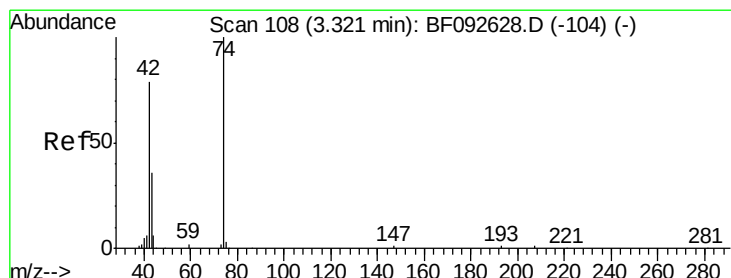
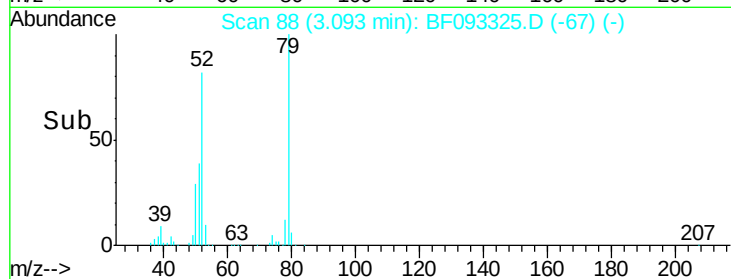
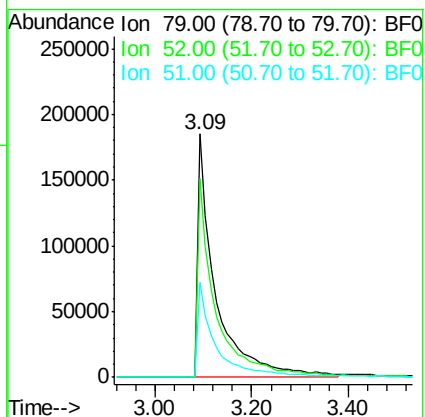
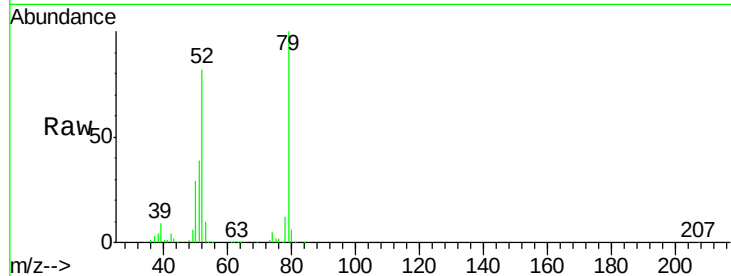
Tgt Ion: 79 Resp: 480529

Ion Ratio Lower Upper

79 100

52 81.8 57.1 85.7

51 39.3 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 46.72 ng

RT: 3.06 min Scan# 85

Delta R.T. -0.05 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

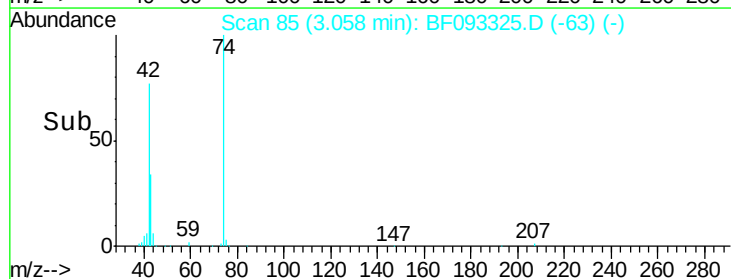
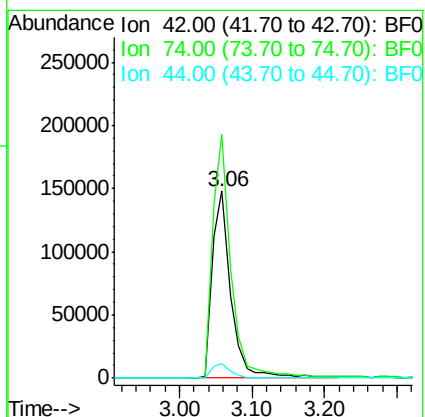
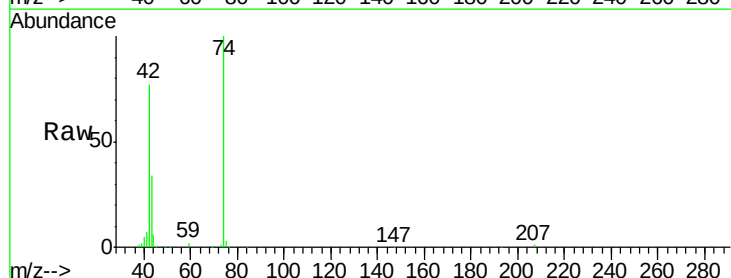
Tgt Ion: 42 Resp: 263624

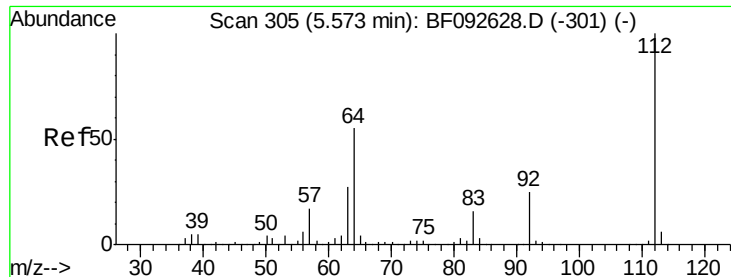
Ion Ratio Lower Upper

42 100

74 130.1 117.0 175.4

44 7.9 5.5 8.3





#5

2-Fluorophenol

Concen: 146.06 ng

RT: 5.40 min Scan# 290

Delta R.T. -0.05 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

Instrument :

BNA_F

ClientSampleId :

PB97286BS

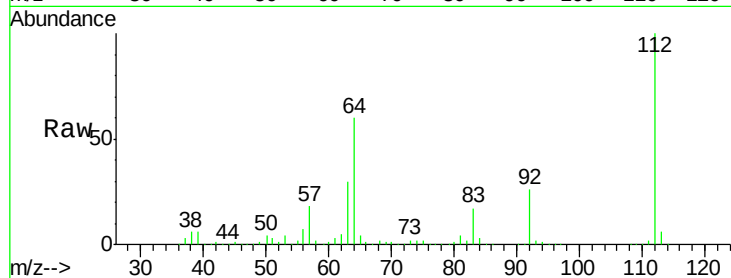
Tgt Ion: 112 Resp: 1277515

Ion Ratio Lower Upper

112 100

64 60.3 46.1 69.1

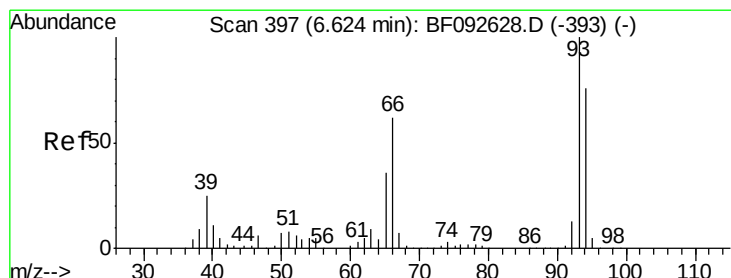
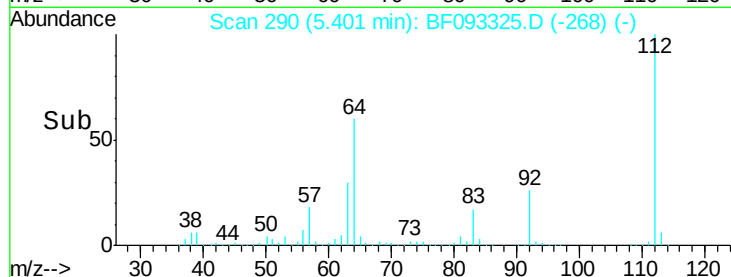
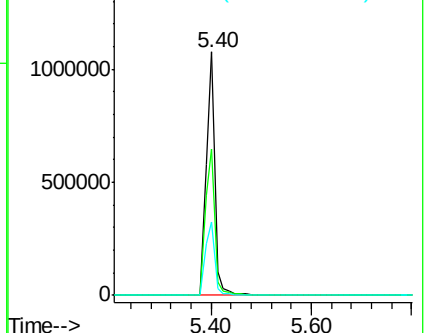
63 30.4 23.8 35.6



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: 26.47 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

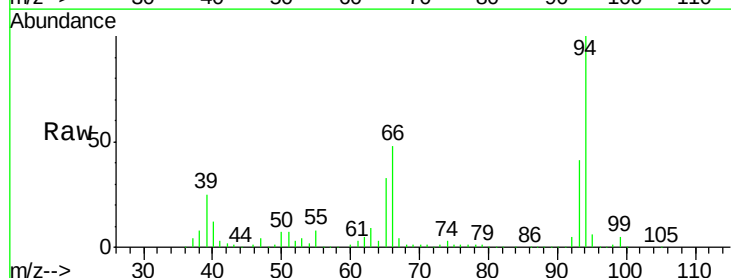
Tgt Ion: 93 Resp: 406398

Ion Ratio Lower Upper

93 100

66 116.8 76.2 114.2#

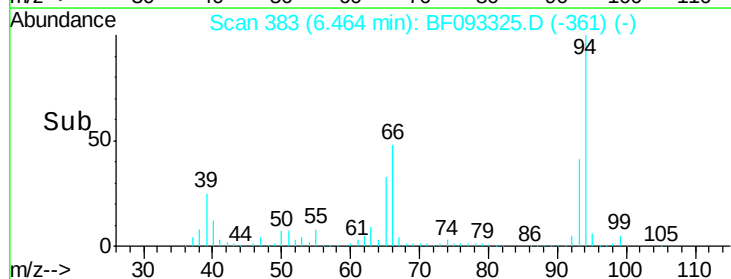
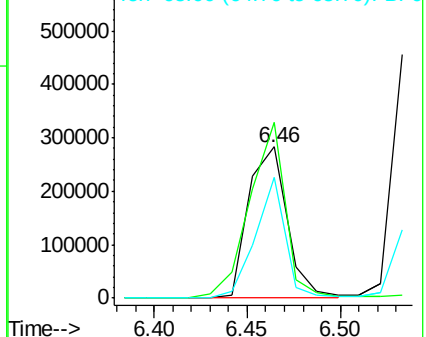
65 79.5 49.3 73.9#

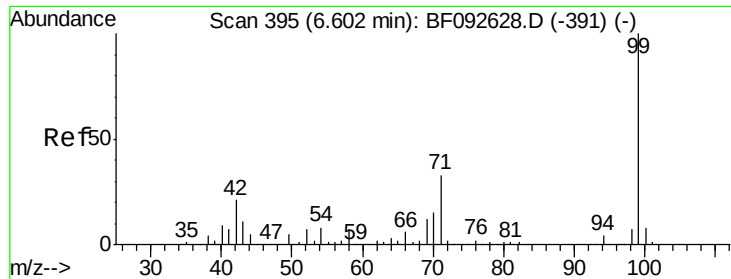


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 137.20 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.03 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

Instrument :

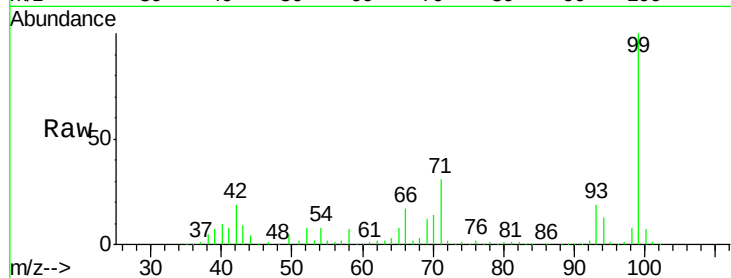
BNA_F

ClientSampleId :

PB97286BS

Tgt Ion: 99 Resp: 1544105

Ion	Ratio	Lower	Upper
99	100		
42	18.6	15.6	23.4
71	31.3	27.5	41.3

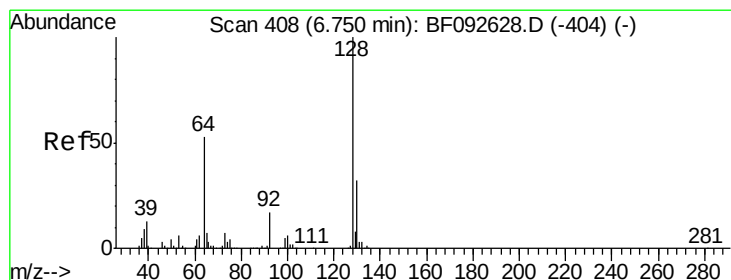
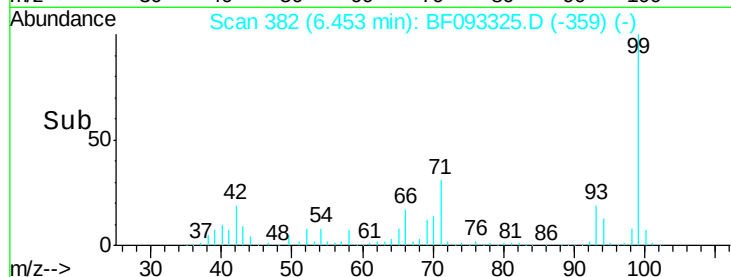
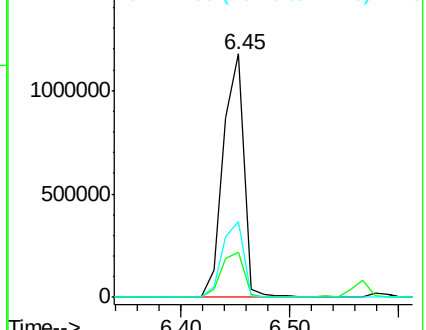


Abundance

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: 43.07 ng

RT: 6.58 min Scan# 393

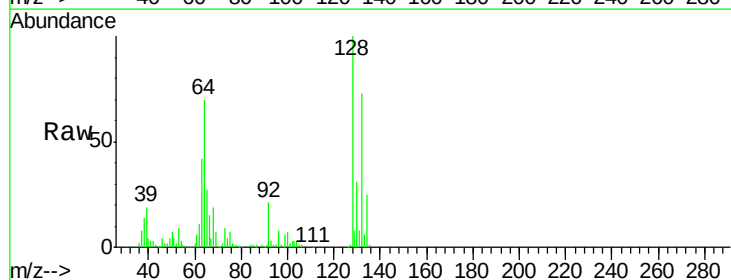
Delta R.T. -0.06 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

Tgt Ion: 128 Resp: 415632

Ion	Ratio	Lower	Upper
128	100		
130	31.0	12.3	52.3
64	70.1	32.2	72.2

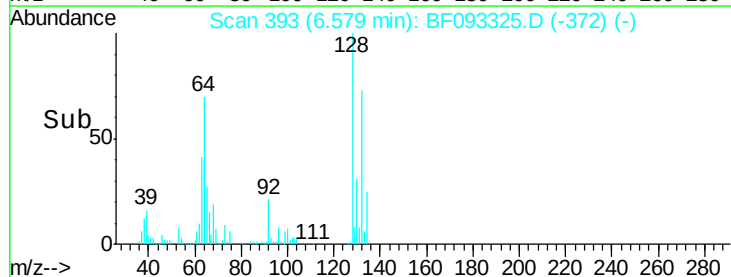
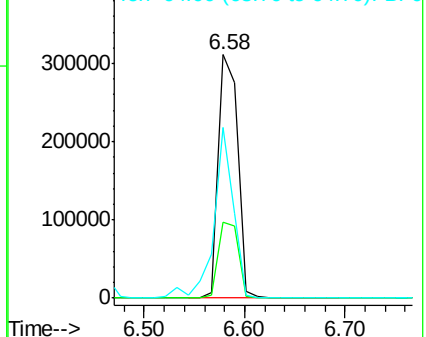


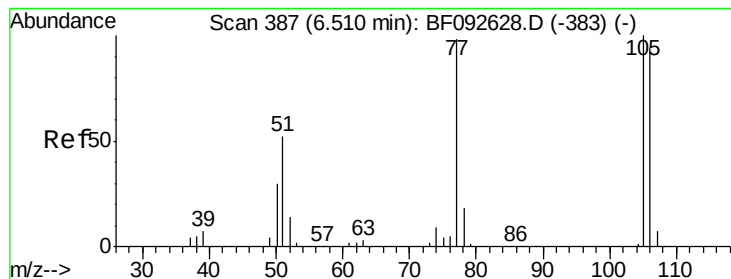
Abundance

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: 16.93 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.06 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

Instrument :

BNA_F

ClientSampleId :

PB97286BS

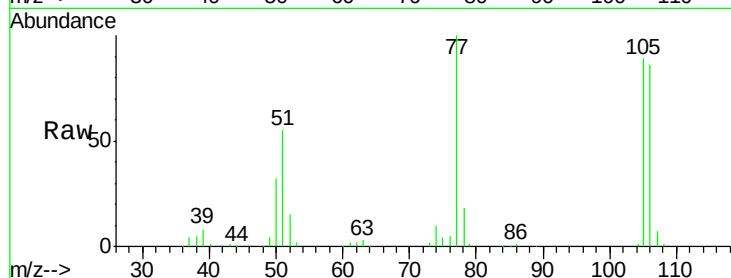
Tgt Ion: 77 Resp: 136495

Ion Ratio Lower Upper

77 100

105 89.0 83.9 123.9

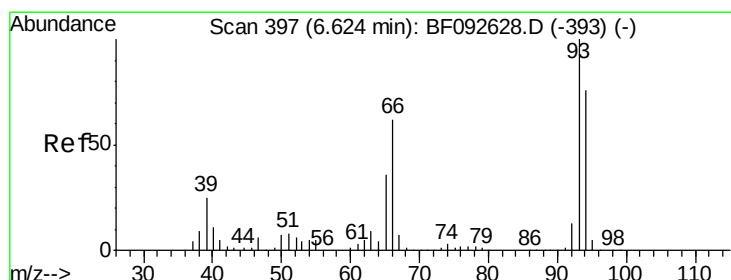
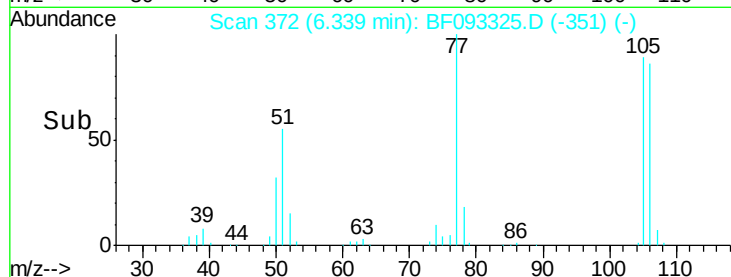
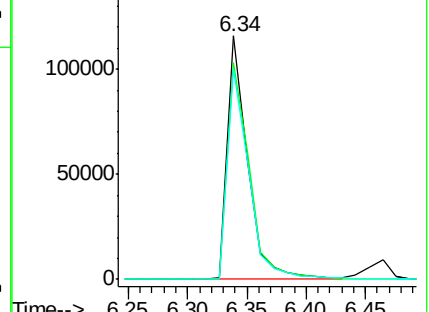
106 86.3 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 47.58 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

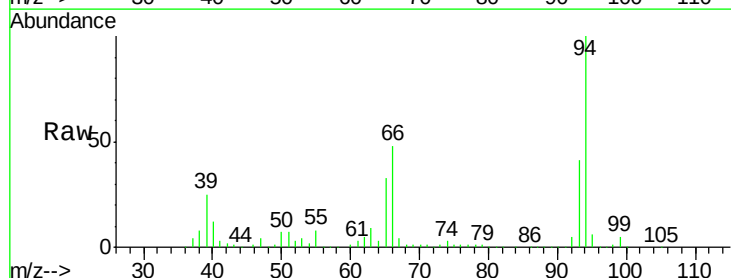
Tgt Ion: 94 Resp: 626449

Ion Ratio Lower Upper

94 100

65 32.8 21.4 61.4

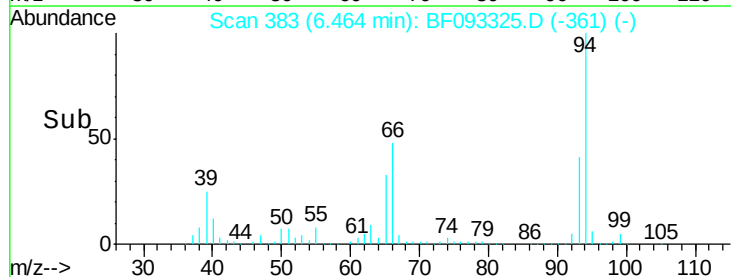
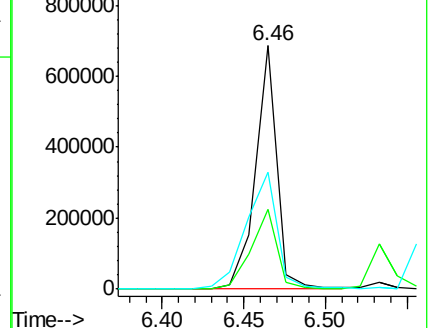
66 48.1 44.0 84.0

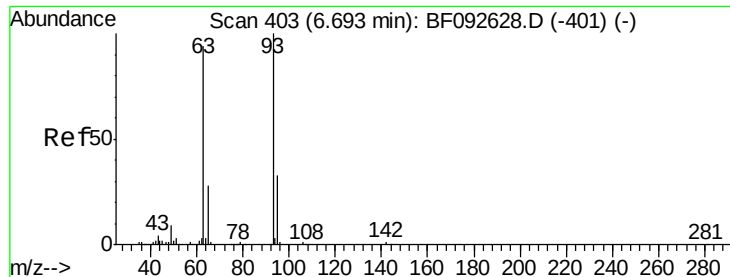


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

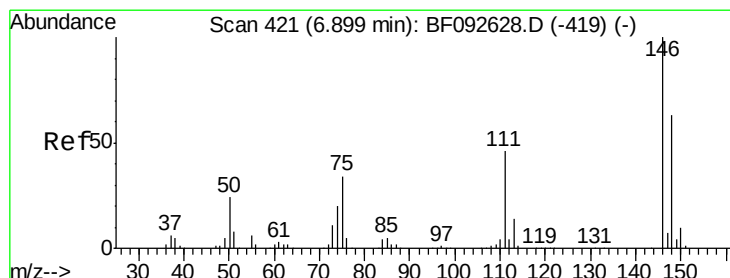
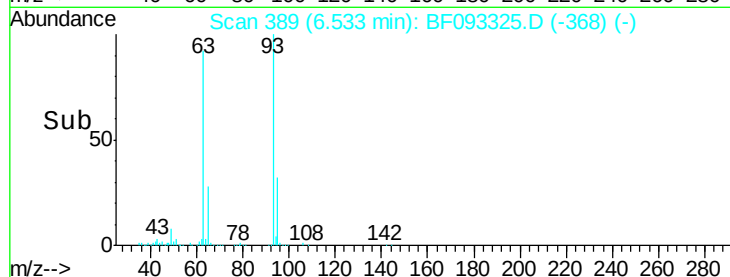
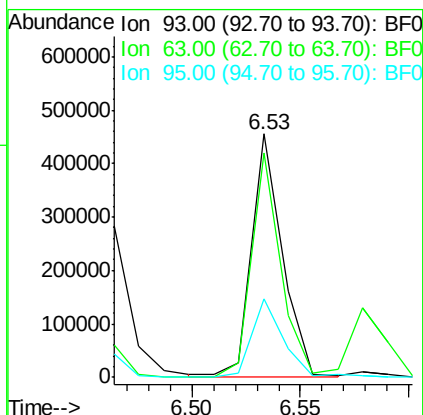
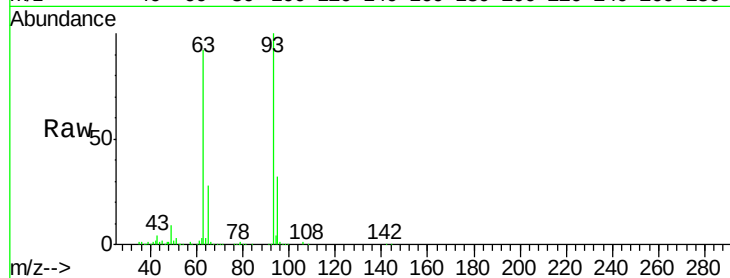




#11
bis(2-Chloroethyl)ether
Concen: 42.83 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.06 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

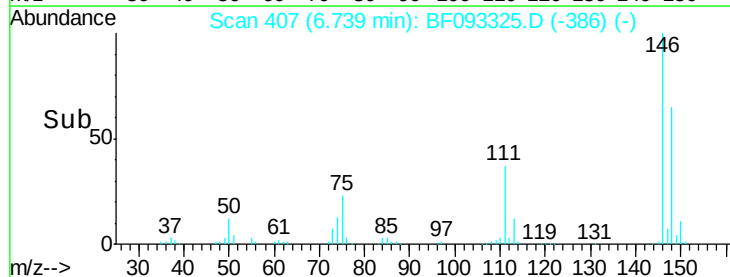
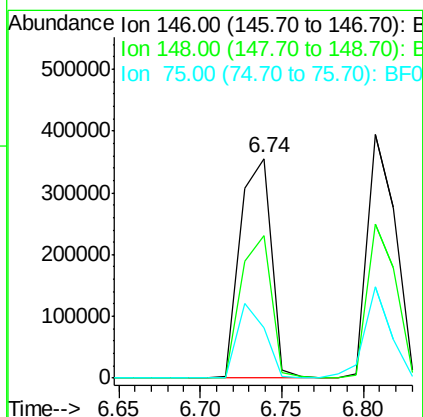
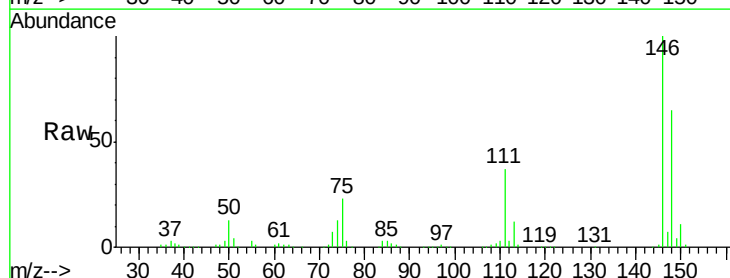
Instrument :
BNA_F
ClientSampleId :
PB97286BS

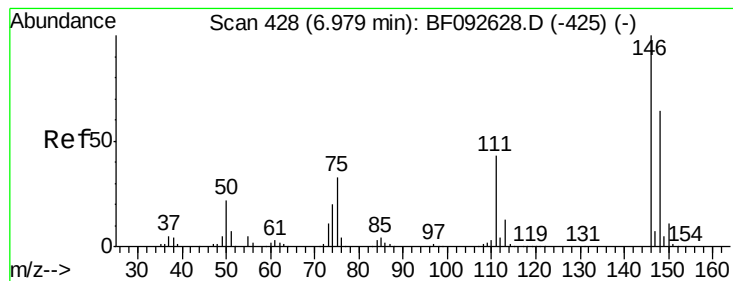
Tgt Ion: 93 Resp: 450117
Ion Ratio Lower Upper
93 100
63 92.3 60.4 100.4
95 32.5 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 41.43 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.06 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

Tgt Ion: 146 Resp: 468260
Ion Ratio Lower Upper
146 100
148 64.7 53.4 80.0
75 23.1 18.5 27.7





#13

1,4-Dichlorobenzene

Concen: 41.86 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.07 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

Instrument :

BNA_F

ClientSampleId :

PB97286BS

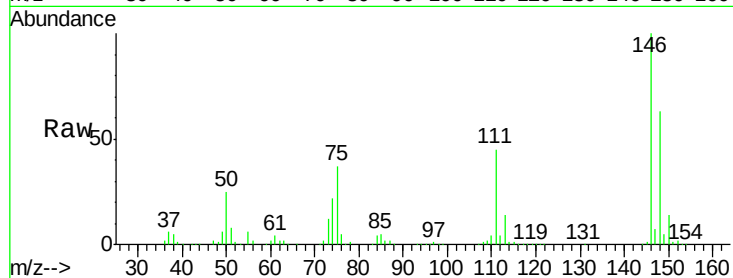
Tgt Ion:146 Resp: 478807

Ion Ratio Lower Upper

146 100

148 63.2 50.6 76.0

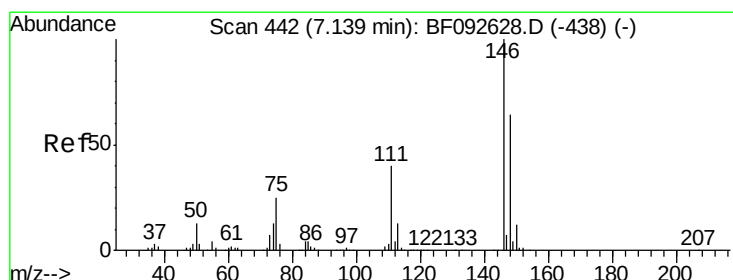
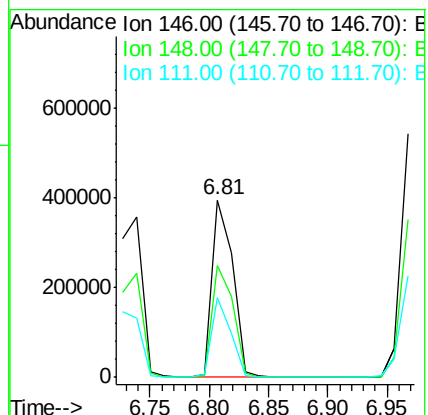
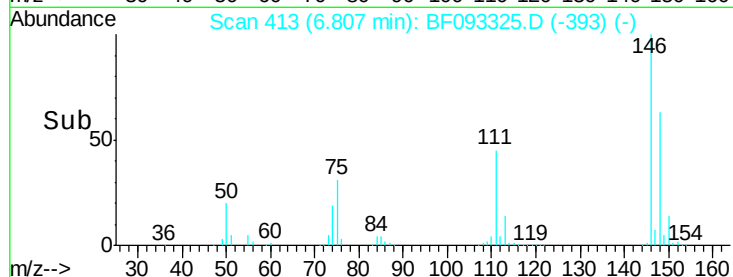
111 45.0 36.2 54.4



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: 40.89 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.06 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

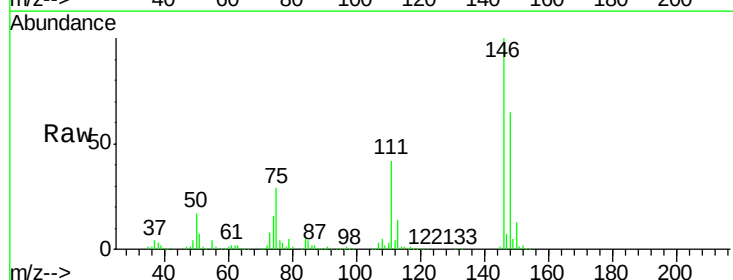
Tgt Ion:146 Resp: 447301

Ion Ratio Lower Upper

146 100

148 65.0 52.2 78.2

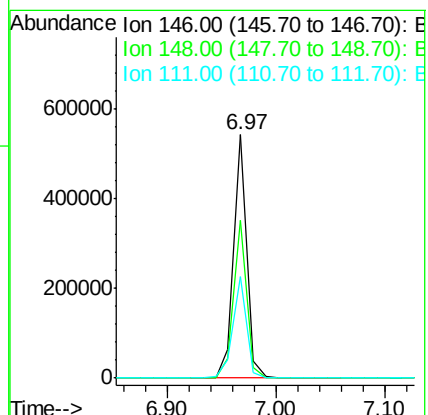
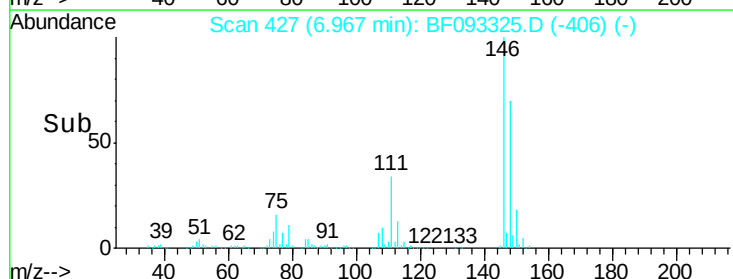
111 42.0 36.2 54.2

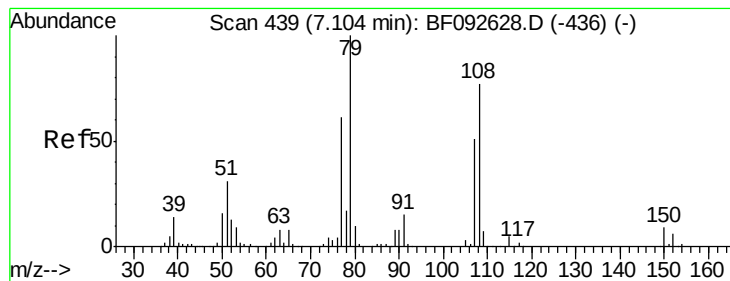


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.90 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.05 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

Instrument :

BNA_F

ClientSampleId :

PB97286BS

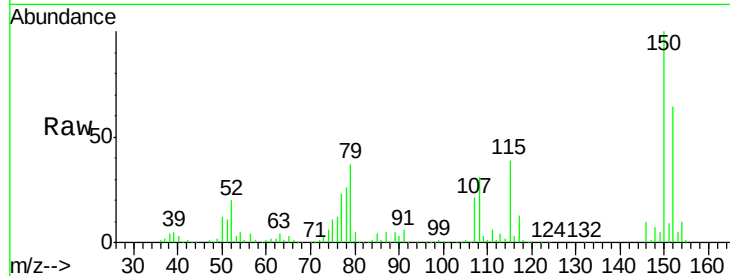
Tgt Ion: 79 Resp: 357413

Ion Ratio Lower Upper

79 100

108 82.8 61.4 92.0

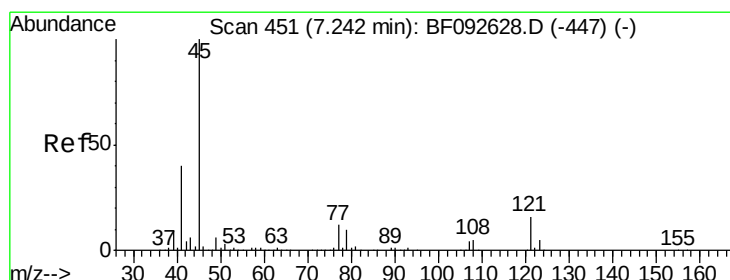
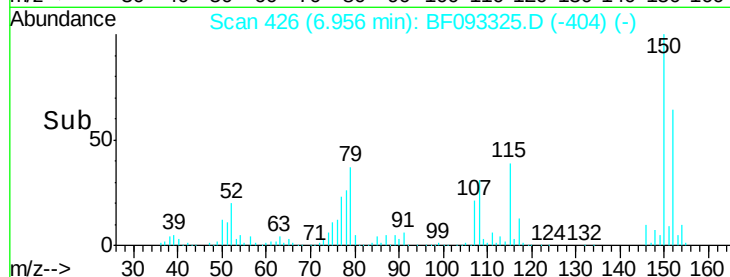
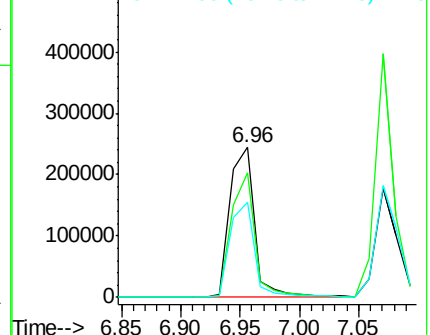
77 63.5 50.9 76.3



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: 41.49 ng

RT: 7.08 min Scan# 437

Delta R.T. -0.06 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

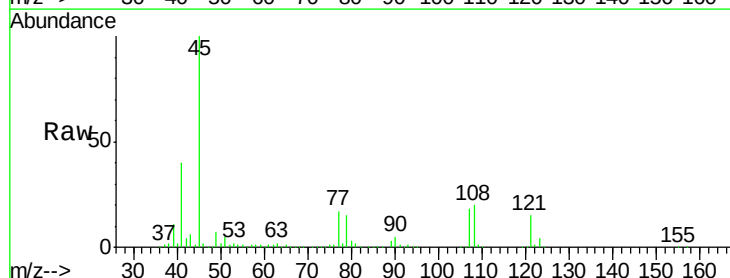
Tgt Ion: 45 Resp: 757546

Ion Ratio Lower Upper

45 100

77 17.3 0.0 34.6

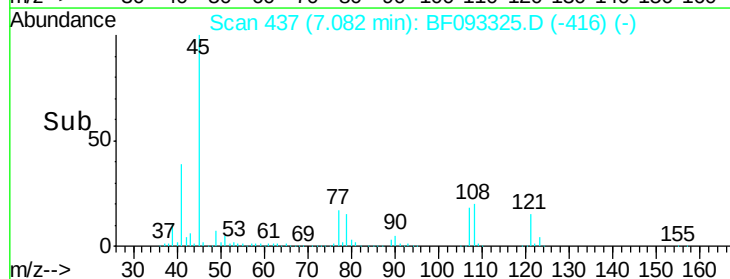
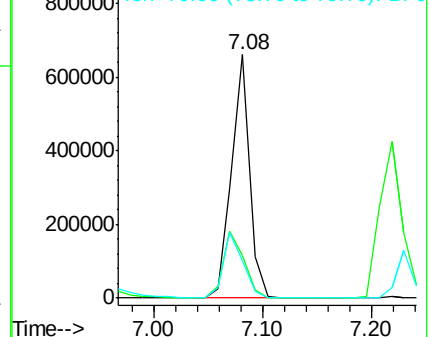
79 15.3 0.0 31.2

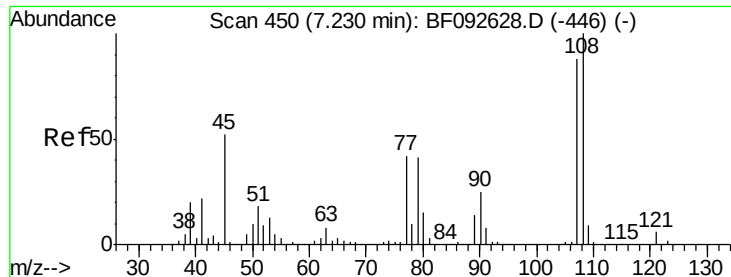


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 44.53 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.05 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

Instrument :

BNA_F

ClientSampleId :

PB97286BS

Tgt Ion:107 Resp: 368633

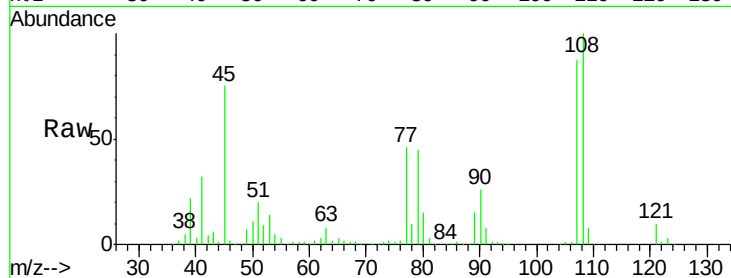
Ion Ratio Lower Upper

107 100

108 114.9 93.0 139.6

77 52.9 39.8 59.8

79 51.5 38.0 57.0

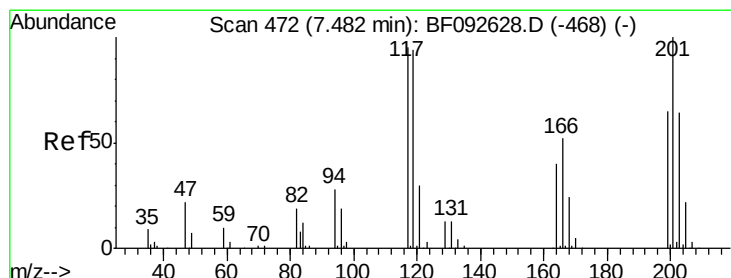
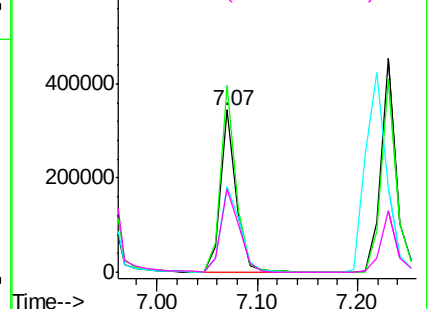
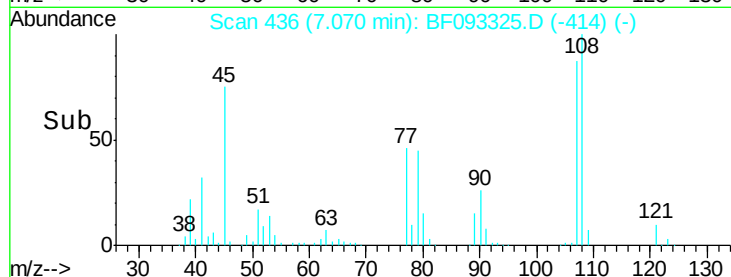


Abundance Ion 107.00 (106.70 to 107.70): E

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: 42.83 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.06 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

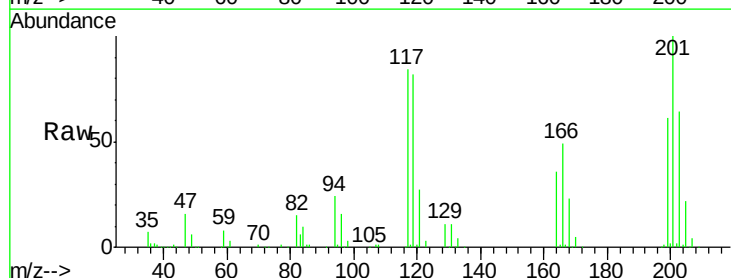
Tgt Ion:117 Resp: 167244

Ion Ratio Lower Upper

117 100

119 97.0 78.1 117.1

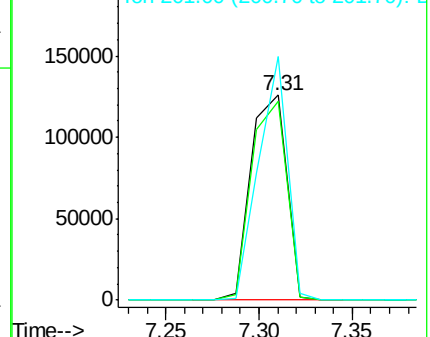
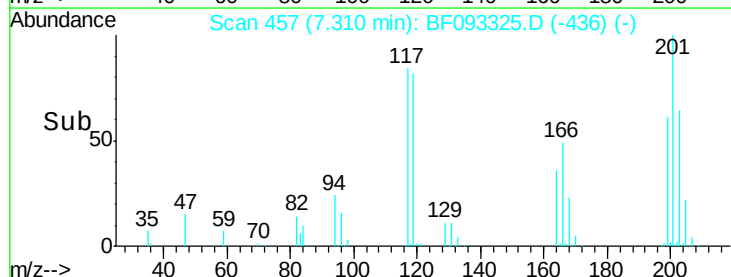
201 118.7 78.6 117.8#

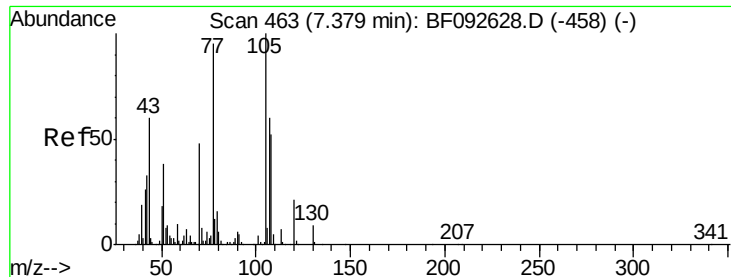


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

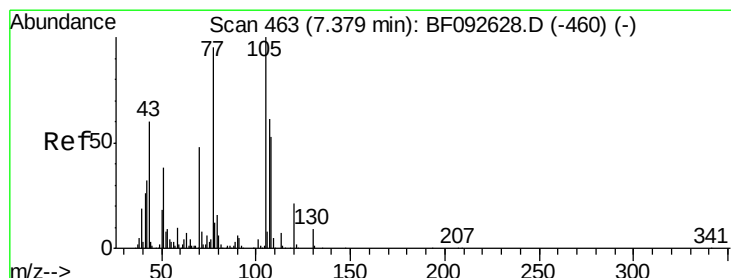
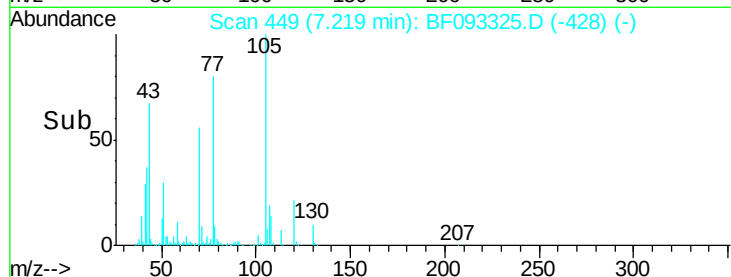
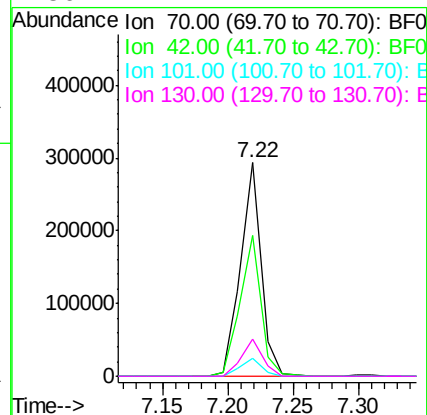
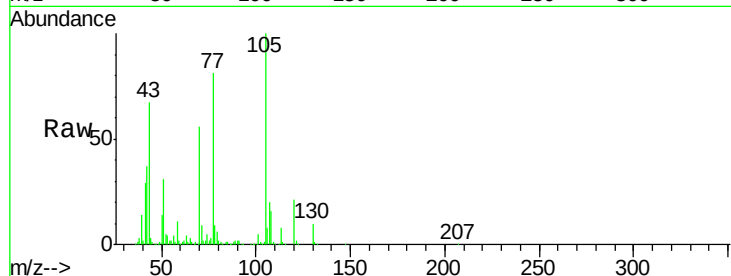




#19
n-Nitroso-di-n-propylamine
Concen: 45.14 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.06 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

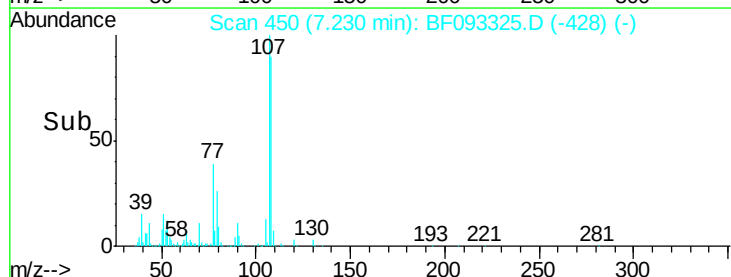
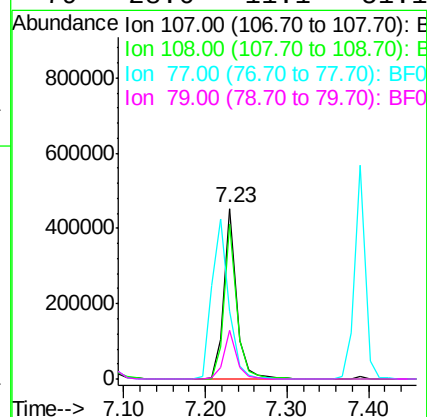
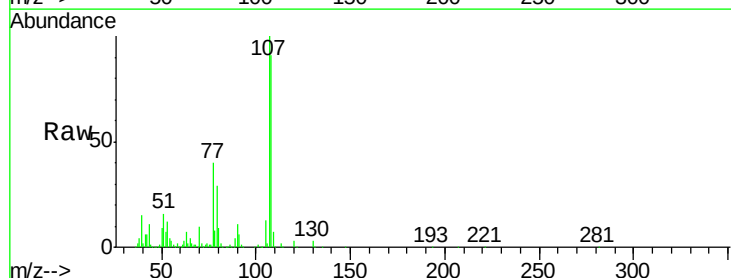
Instrument :
BNA_F
ClientSampleId :
PB97286BS

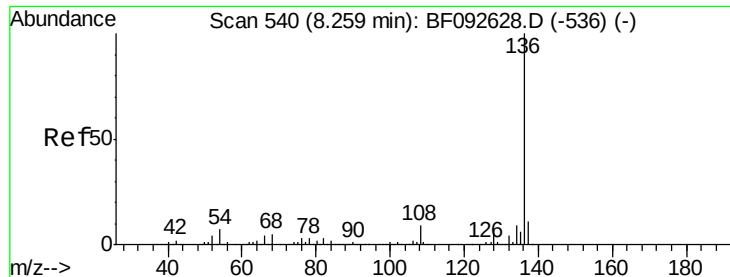
Tgt Ion:	70	Resp:	323381
Ion	Ratio	Lower	Upper
70	100		
42	66.2	49.4	74.0
101	8.7	7.4	11.2
130	17.2	14.2	21.4



#20
3+4-Methylphenols
Concen: 49.19 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.05 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

Tgt Ion:	107	Resp:	486915
Ion	Ratio	Lower	Upper
107	100		
108	90.6	73.0	113.0
77	39.7	71.3	111.3#
79	28.6	11.1	51.1

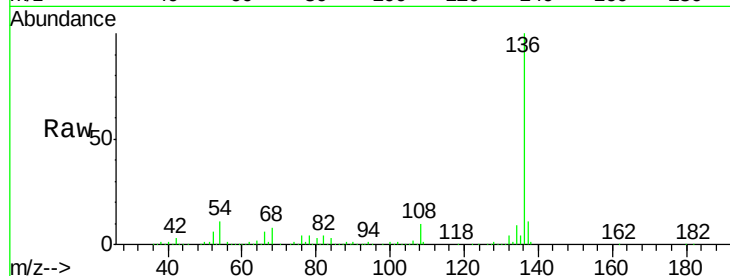




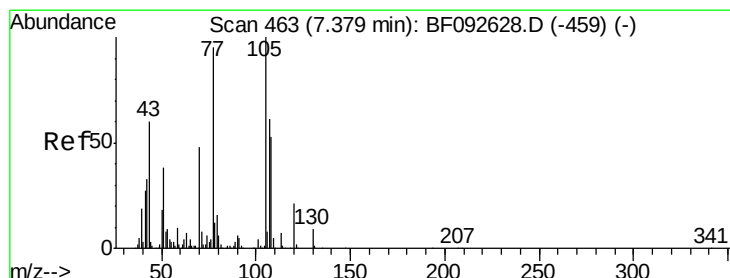
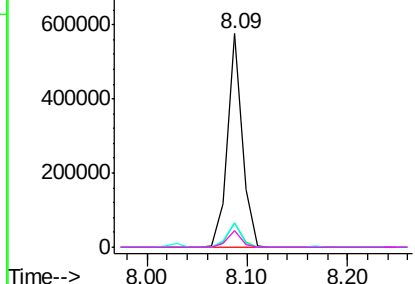
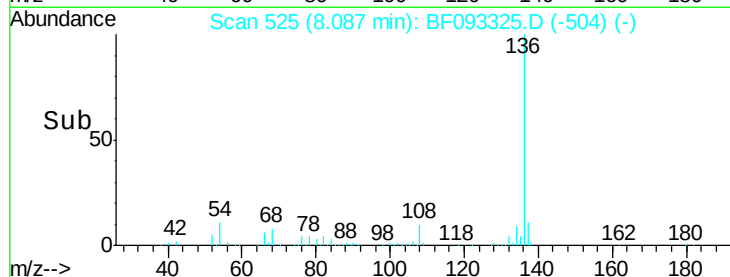
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

Instrument :
BNA_F
ClientSampleId :
PB97286BS

Tgt Ion:	136	Resp:	588220
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	11.2	4.5	6.7#
68	7.8	3.6	5.4#

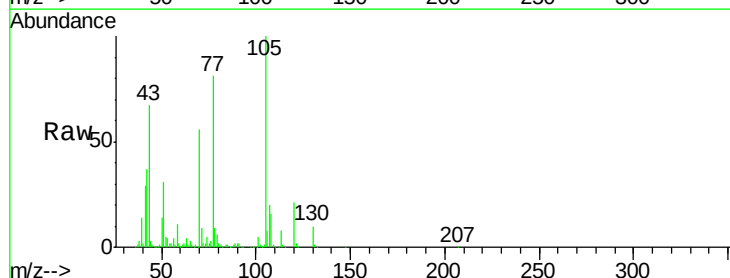


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

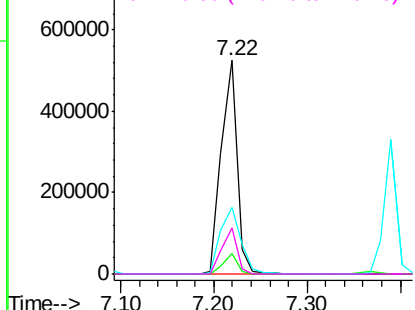
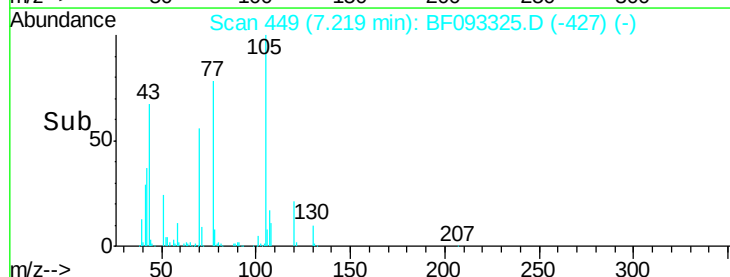


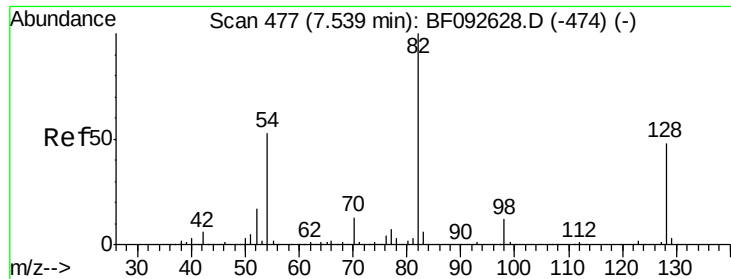
#22
Acetophenone
Concen: 45.96 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.05 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

Tgt Ion:	105	Resp:	617312
Ion	Ratio	Lower	Upper
105	100		
71	9.3	3.2	4.8#
51	31.1	26.2	39.4
120	21.4	16.6	24.8



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

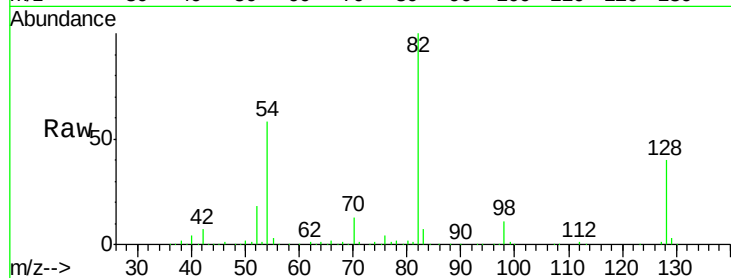




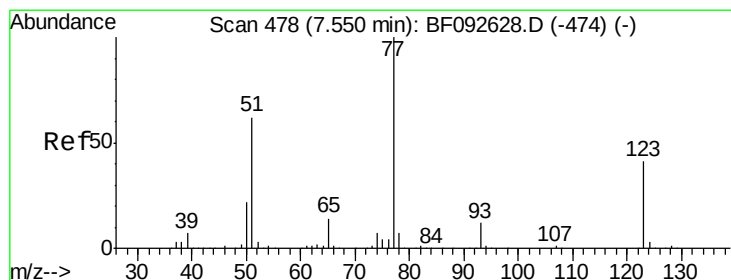
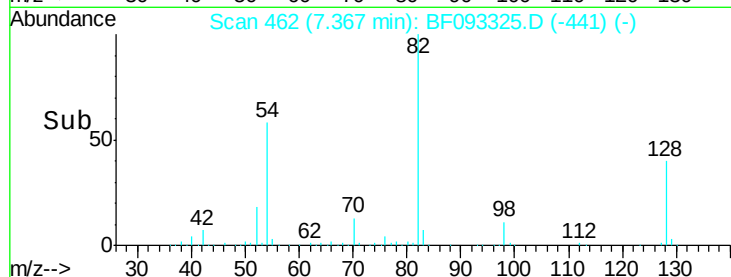
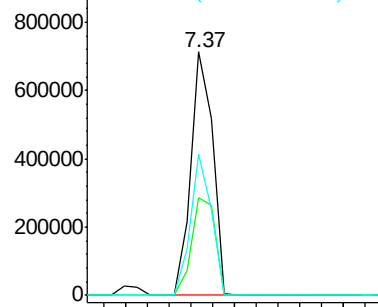
#23
 Nitrobenzene-d5
 Concen: 94.76 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.06 min
 Lab File: BF093325.D
 Acq: 2 Mar 2017 17:19

Instrument :
 BNA_F
 ClientSampleId :
 PB97286BS

Tgt Ion: 82 Resp: 1000970
 Ion Ratio Lower Upper
 82 100
 128 40.0 34.6 52.0
 54 58.1 39.5 59.3

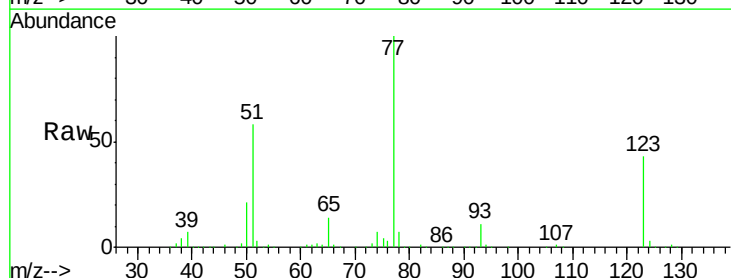


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

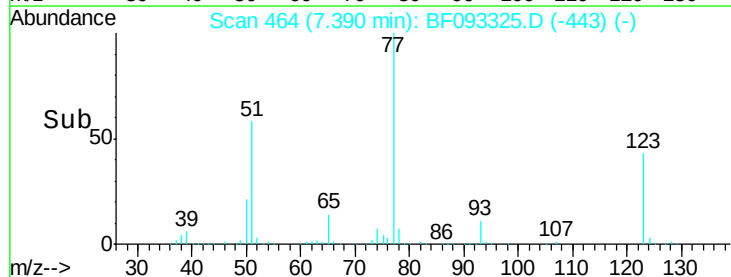
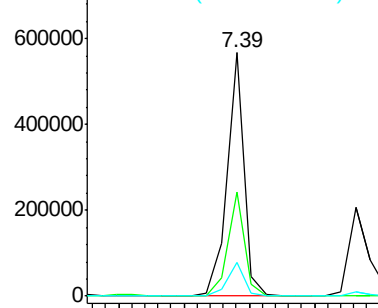


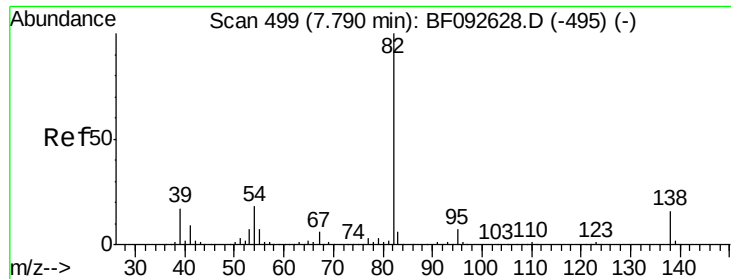
#24
 Nitrobenzene
 Concen: 47.30 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.06 min
 Lab File: BF093325.D
 Acq: 2 Mar 2017 17:19

Tgt Ion: 77 Resp: 513061
 Ion Ratio Lower Upper
 77 100
 123 42.8 33.0 49.4
 65 14.0 11.2 16.8



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





#25

Isophorone

Concen: 46.92 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.06 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

Instrument :

BNA_F

ClientSampleId :

PB97286BS

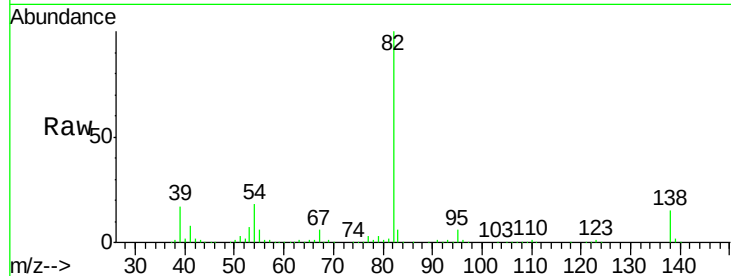
Tgt Ion: 82 Resp: 923495

Ion Ratio Lower Upper

82 100

95 6.4 5.6 8.4

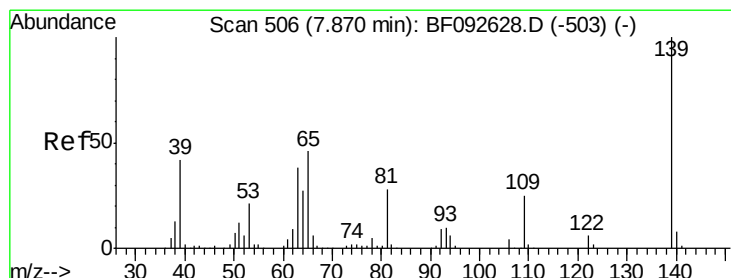
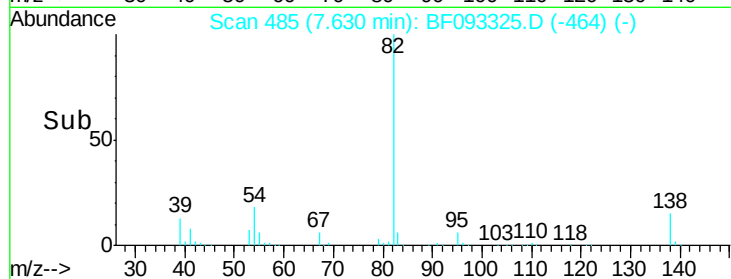
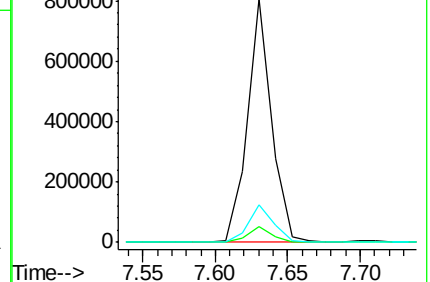
138 15.3 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 49.29 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.05 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

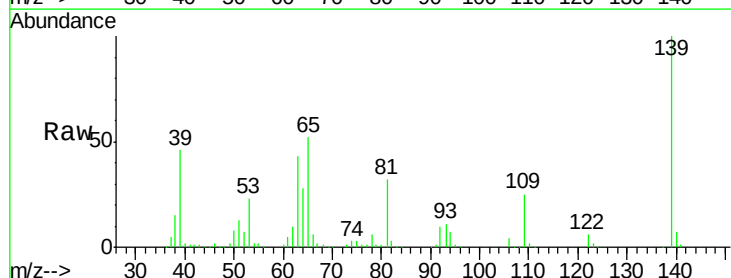
Tgt Ion: 139 Resp: 254149

Ion Ratio Lower Upper

139 100

109 25.4 23.3 34.9

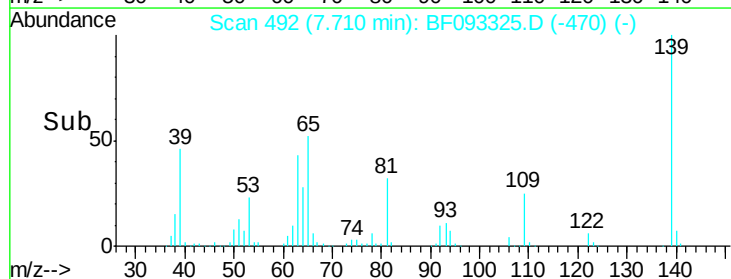
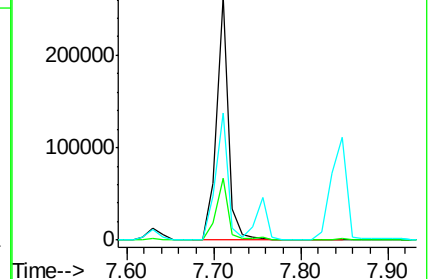
65 52.0 42.7 64.1

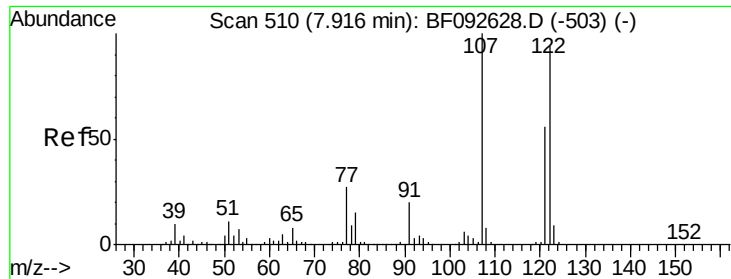


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

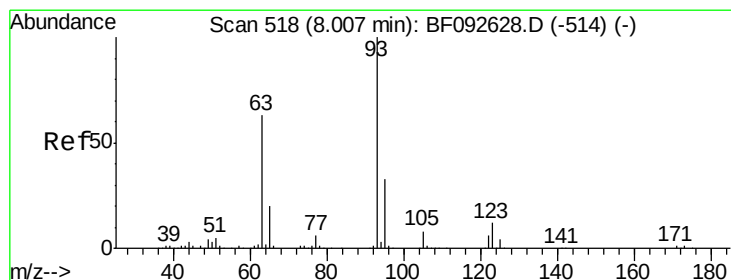
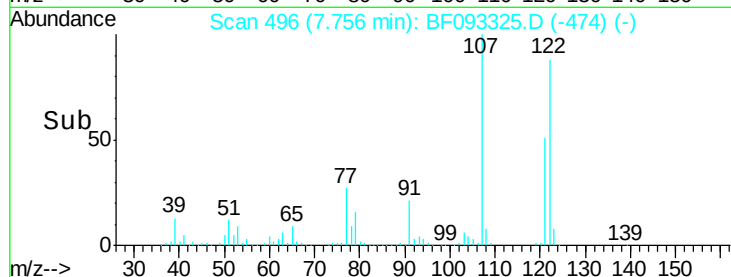
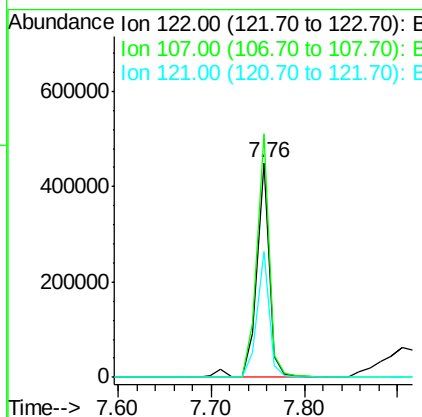
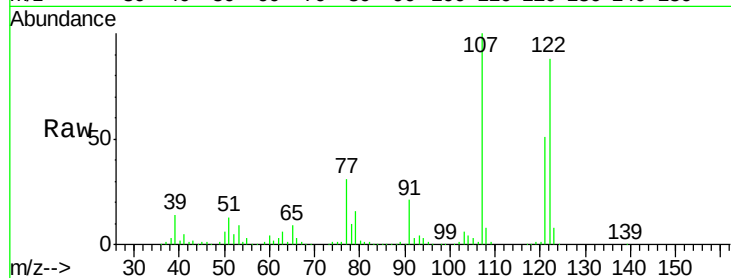




#27
2,4-Dimethylphenol
Concen: 47.28 ng
RT: 7.76 min Scan# 496
Delta R.T. -0.05 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

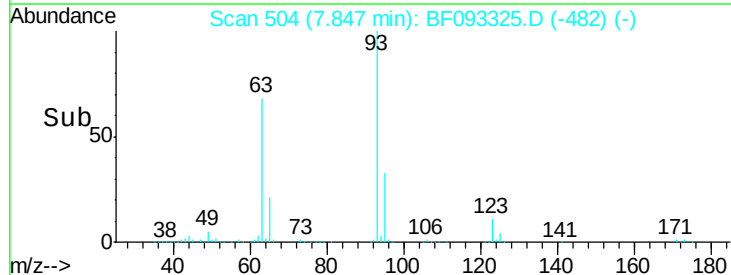
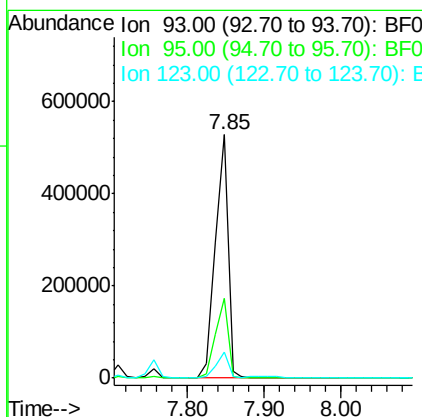
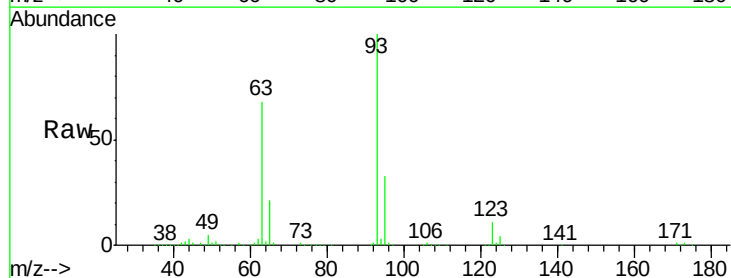
Instrument :
BNA_F
ClientSampleId :
PB97286BS

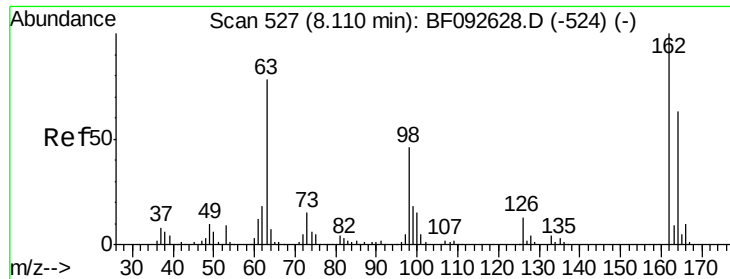
Tgt Ion:122 Resp: 428128
Ion Ratio Lower Upper
122 100
107 113.5 94.1 141.1
121 58.4 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 46.44 ng
RT: 7.85 min Scan# 504
Delta R.T. -0.05 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

Tgt Ion: 93 Resp: 605448
Ion Ratio Lower Upper
93 100
95 32.9 26.5 39.7
123 10.6 8.6 13.0

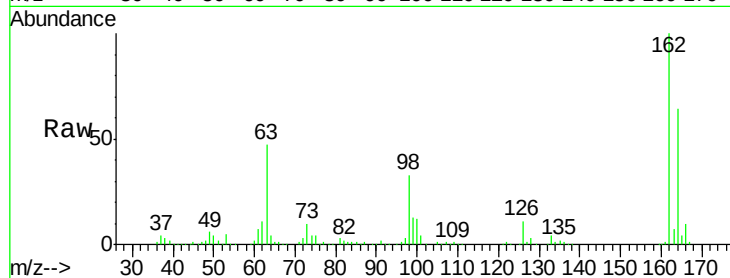




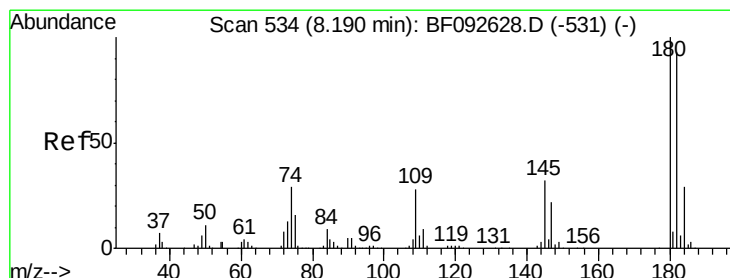
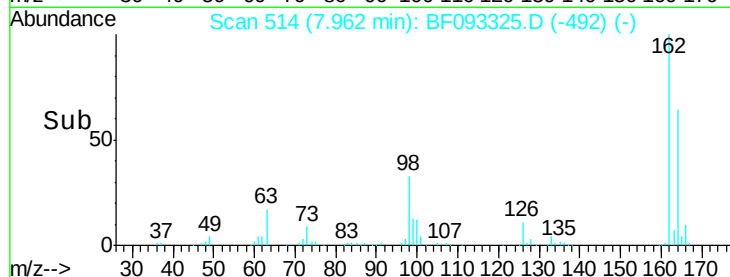
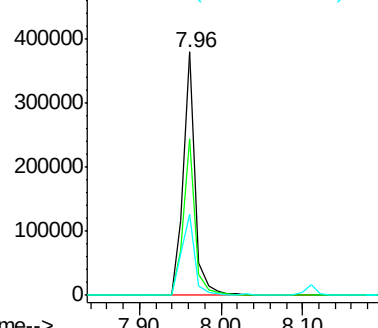
#29
2,4-Dichlorophenol
Concen: 46.74 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.05 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

Instrument :
BNA_F
ClientSampleId :
PB97286BS

Tgt Ion:162 Resp: 394705
Ion Ratio Lower Upper
162 100
164 64.2 46.8 86.8
98 33.4 9.1 49.1

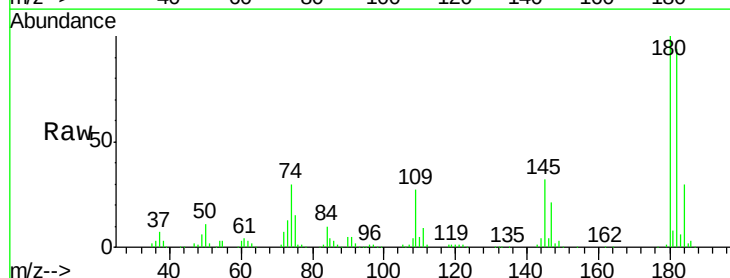


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

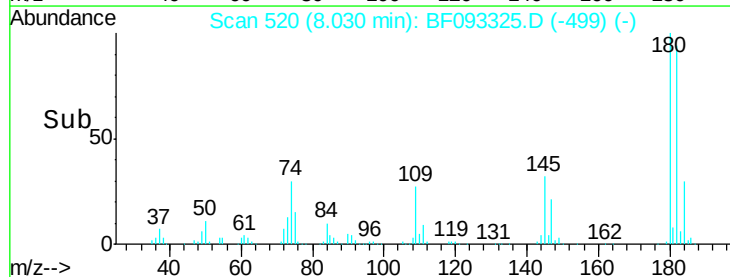
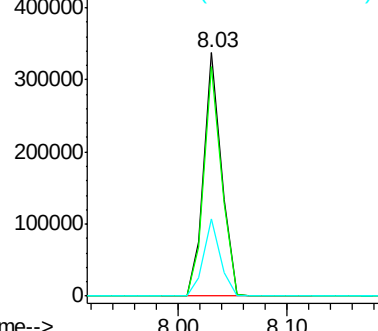


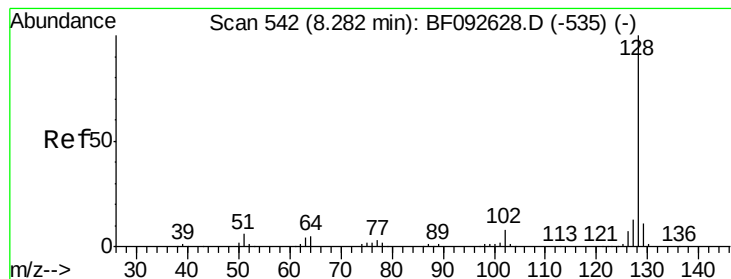
#30
1,2,4-Trichlorobenzene
Concen: 41.67 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.06 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

Tgt Ion:180 Resp: 379246
Ion Ratio Lower Upper
180 100
182 94.3 78.2 117.4
145 31.9 21.6 32.4



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





#31

Naphthalene

Concen: 40.55 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.06 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

Instrument :

BNA_F

ClientSampleId :

PB97286BS

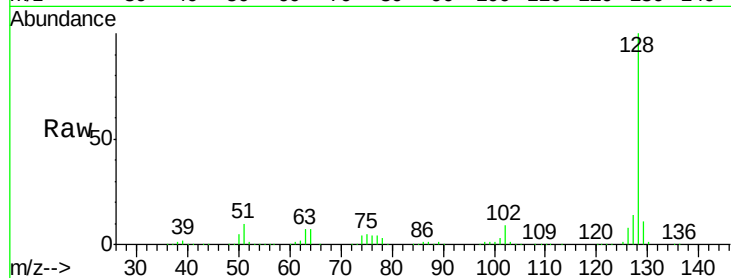
Tgt Ion:128 Resp: 1209094

Ion Ratio Lower Upper

128 100

129 11.3 9.5 14.3

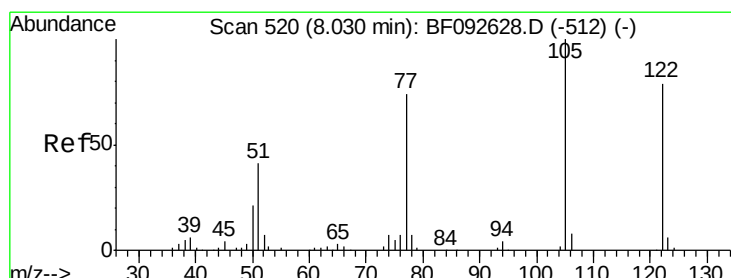
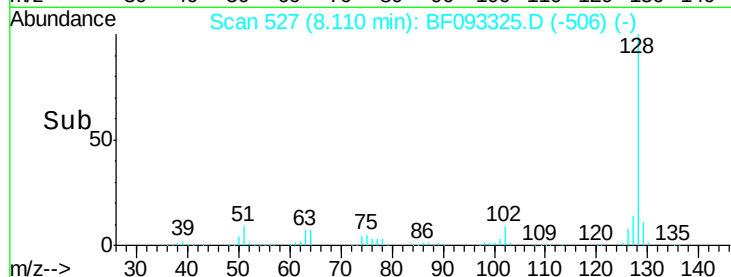
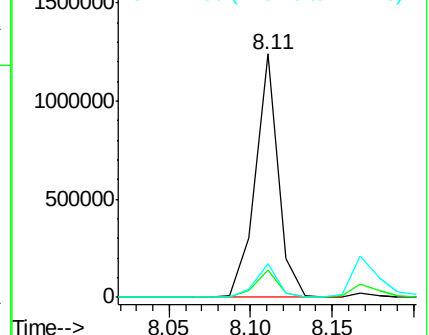
127 13.7 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.56 ng

RT: 7.90 min Scan# 509

Delta R.T. -0.02 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

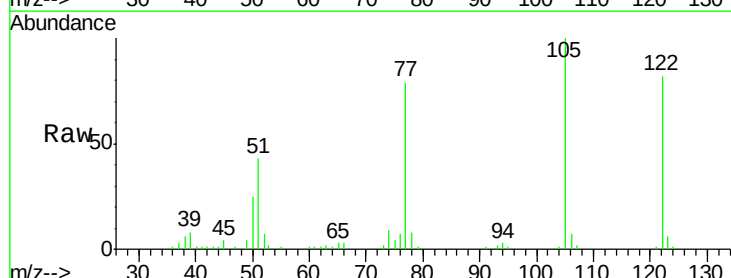
Tgt Ion:122 Resp: 171258

Ion Ratio Lower Upper

122 100

105 121.8 107.2 147.2

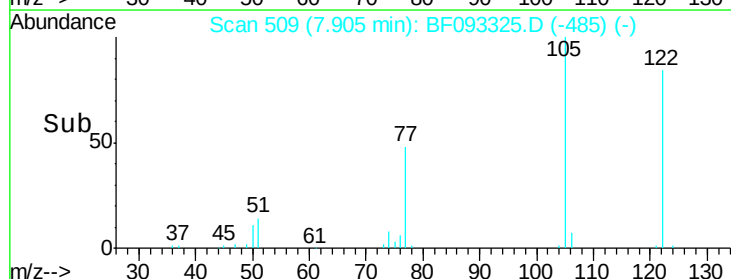
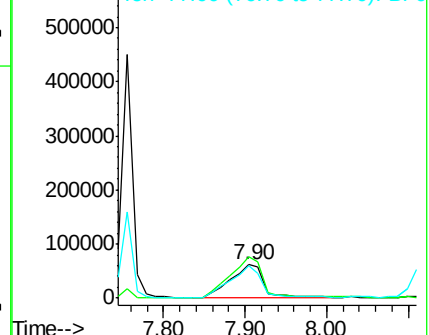
77 96.4 74.5 114.5

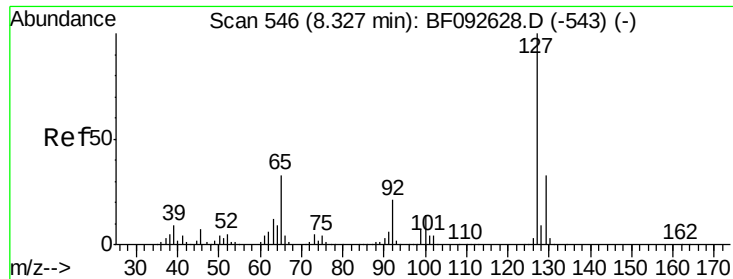


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

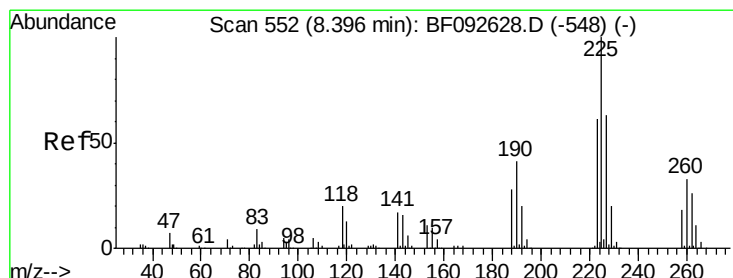
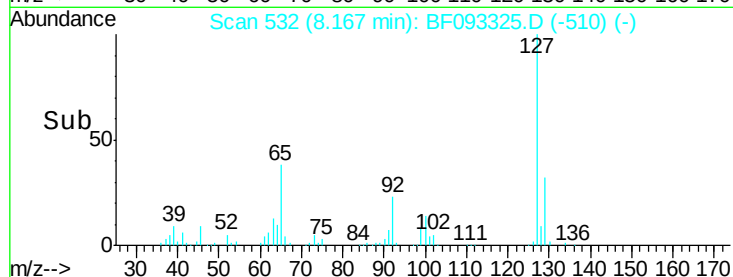
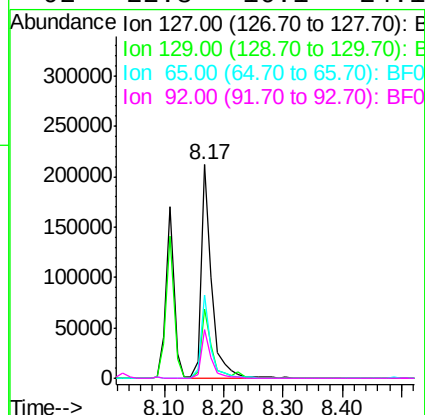
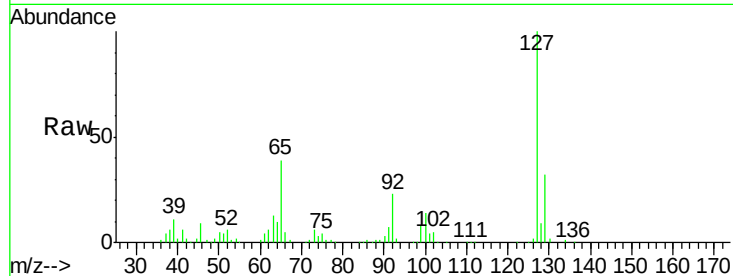




#33
4-Chloroaniline
Concen: 22.80 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.05 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

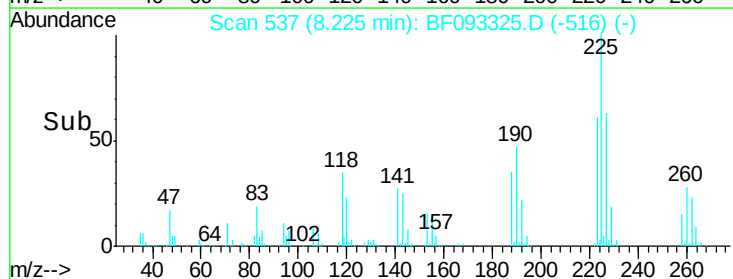
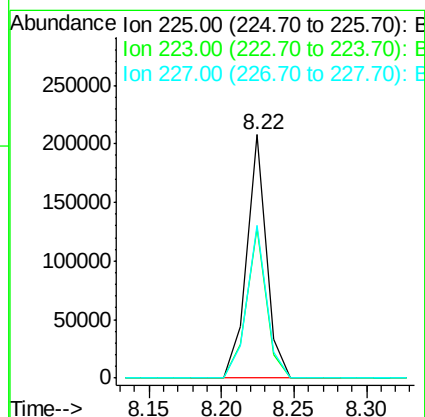
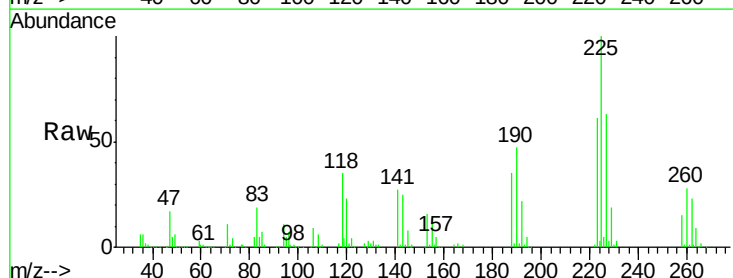
Instrument :
BNA_F
ClientSampleId :
PB97286BS

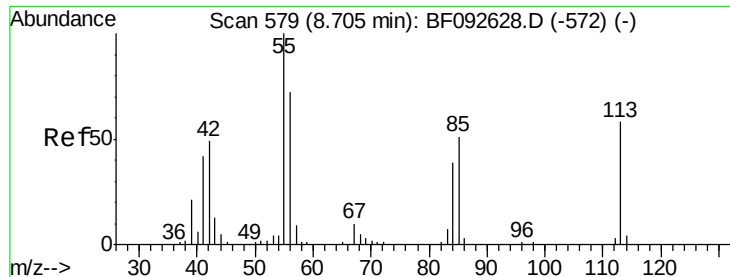
Tgt Ion:	127	Resp:	266614
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.3	39.5
65	38.7	25.8	38.8
92	22.8	16.1	24.1



#34
Hexachlorobutadiene
Concen: 39.31 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.06 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

Tgt Ion:	225	Resp:	196831
Ion	Ratio	Lower	Upper
225	100		
223	61.4	51.0	76.6
227	62.6	50.6	76.0

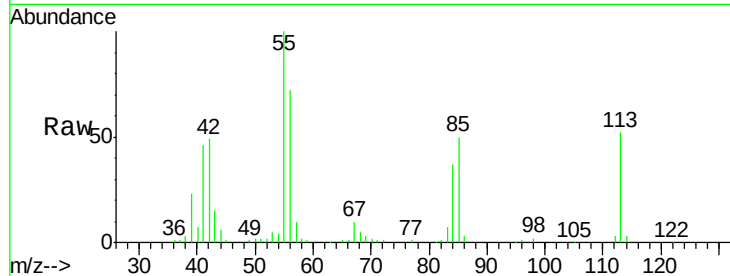




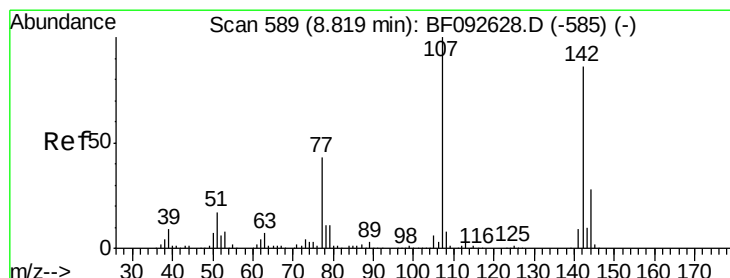
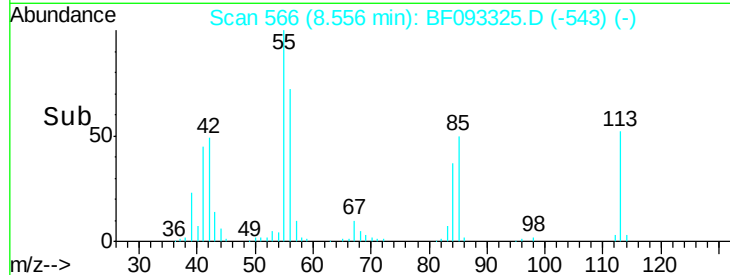
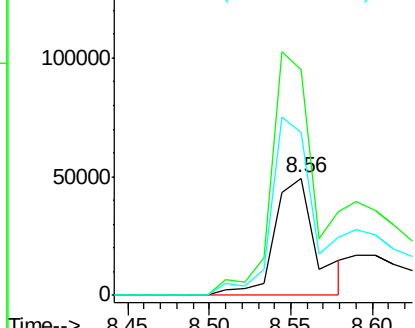
#35
 Caprolactam
 Concen: 33.25 ng
 RT: 8.56 min Scan# 566
 Delta R.T. -0.03 min
 Lab File: BF093325.D
 Acq: 2 Mar 2017 17:19

Instrument :
 BNA_F
 ClientSampleId :
 PB97286BS

Tgt Ion:113 Resp: 88324
 Ion Ratio Lower Upper
 113 100
 55 192.4 119.2 159.2#
 56 139.2 83.8 123.8#

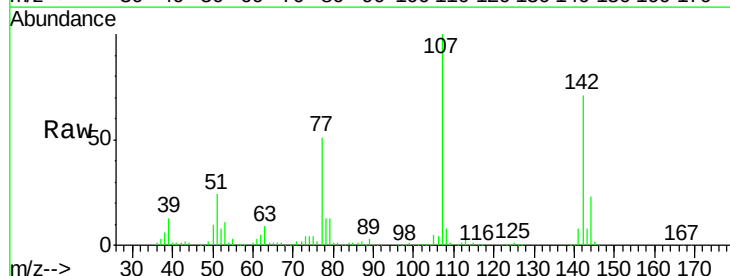


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

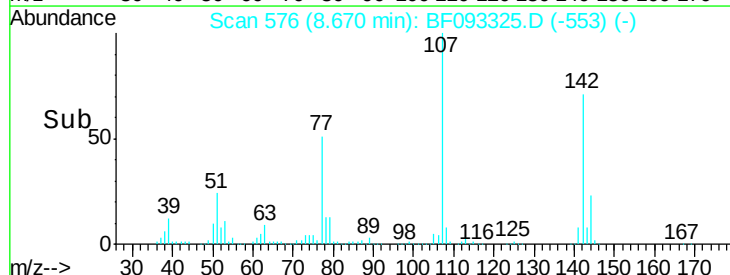
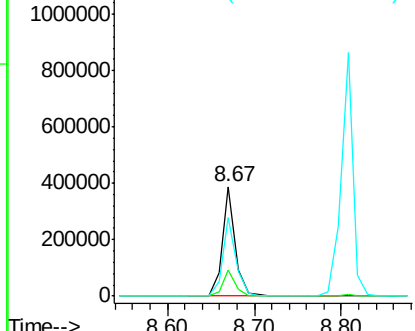


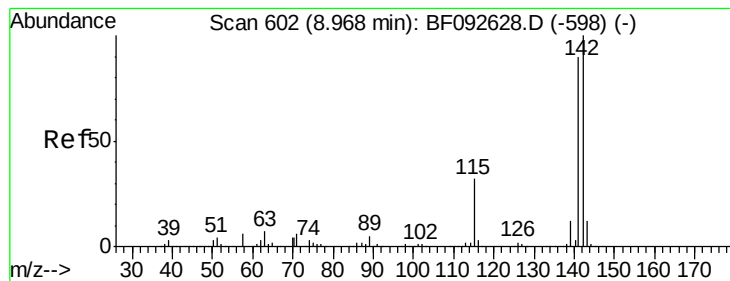
#36
 4-Chloro-3-methylphenol
 Concen: 45.72 ng
 RT: 8.67 min Scan# 576
 Delta R.T. -0.03 min
 Lab File: BF093325.D
 Acq: 2 Mar 2017 17:19

Tgt Ion:107 Resp: 402577
 Ion Ratio Lower Upper
 107 100
 144 23.5 19.3 28.9
 142 71.4 59.0 88.6



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.29 ng

RT: 8.81 min Scan# 588

Delta R.T. -0.05 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

Instrument :

BNA_F

ClientSampleId :

PB97286BS

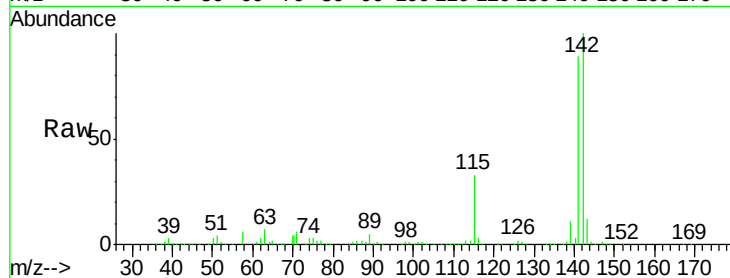
Tgt Ion:142 Resp: 828874

Ion Ratio Lower Upper

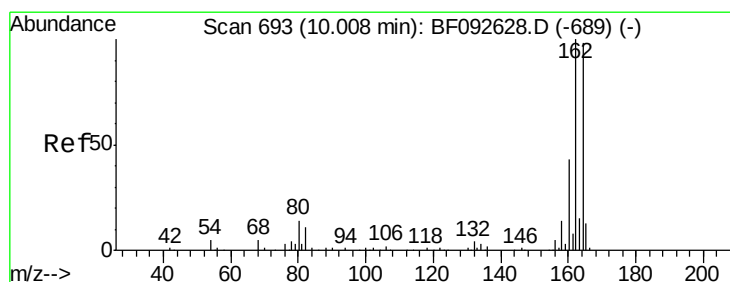
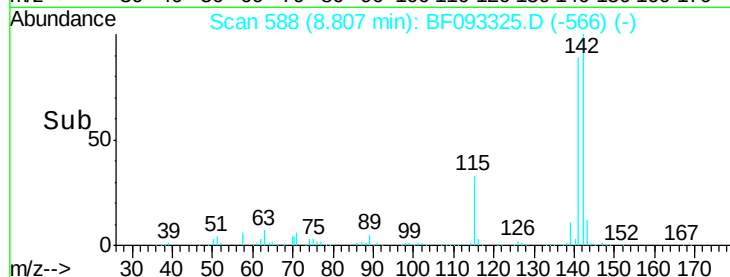
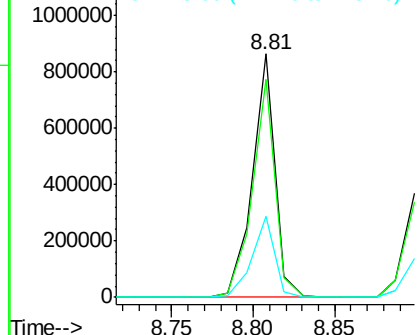
142 100

141 89.4 71.0 106.6

115 33.3 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.05 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

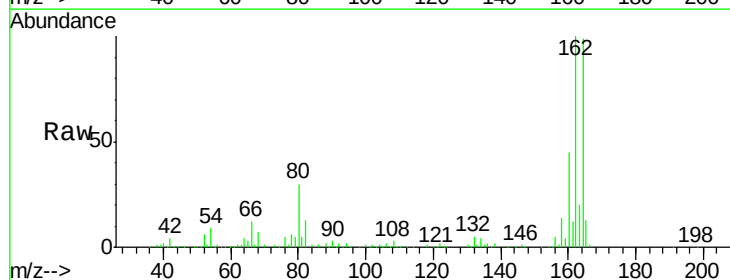
Tgt Ion:164 Resp: 282816

Ion Ratio Lower Upper

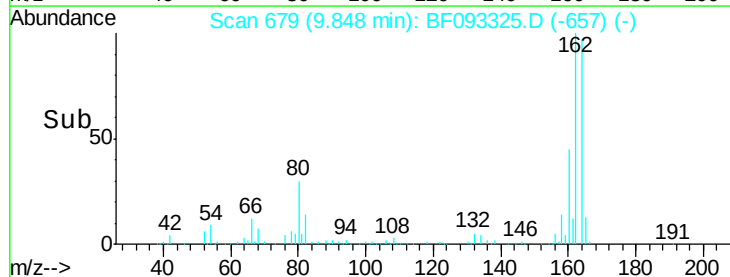
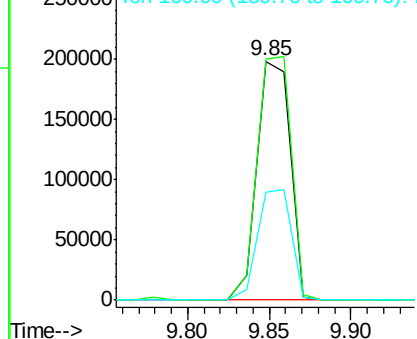
164 100

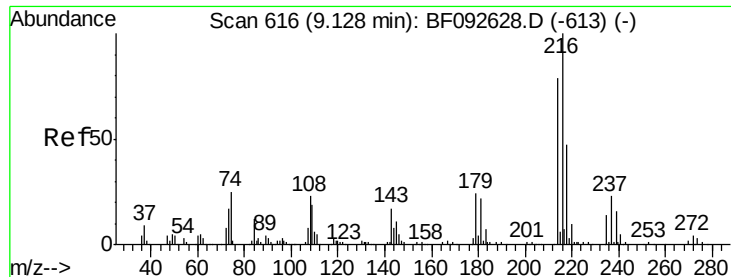
162 101.2 80.2 120.2

160 45.3 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

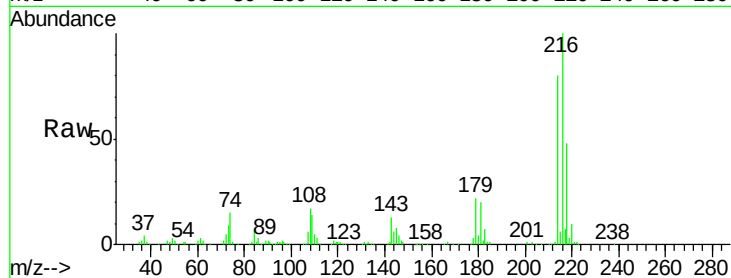




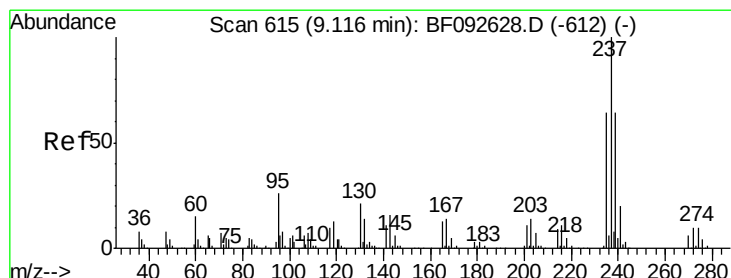
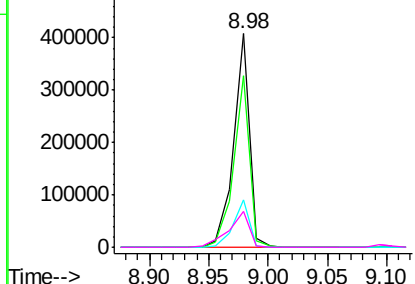
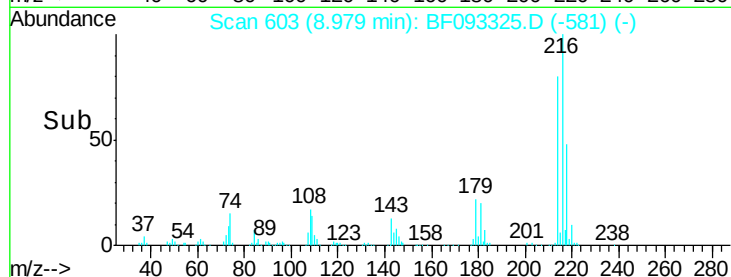
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.59 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.05 min
 Lab File: BF093325.D
 Acq: 2 Mar 2017 17:19

Instrument :
 BNA_F
 ClientSampleId :
 PB97286BS

Tgt Ion:	216	Resp:	377810
Ion	Ratio	Lower	Upper
216	100		
214	80.2	63.4	95.0
179	22.3	17.4	26.2
108	22.2	15.6	23.4

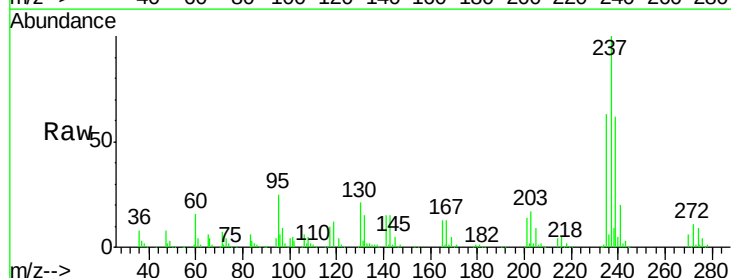


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

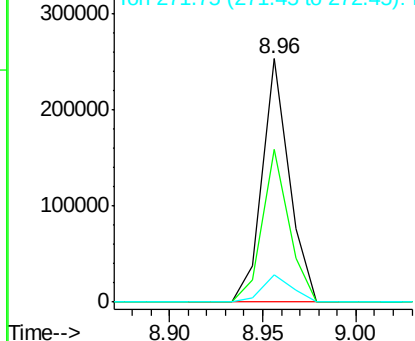
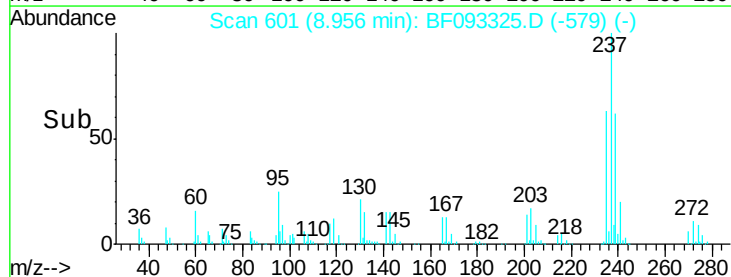


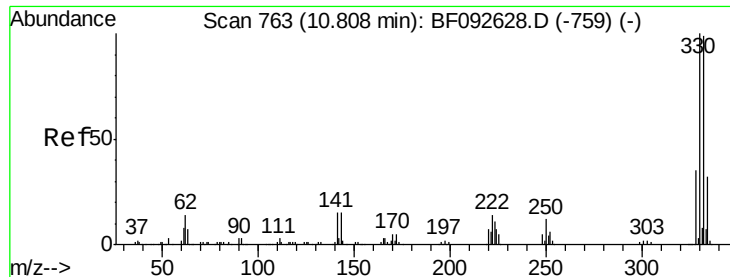
#40
 Hexachlorocyclopentadiene
 Concen: 70.57 ng
 RT: 8.96 min Scan# 601
 Delta R.T. -0.05 min
 Lab File: BF093325.D
 Acq: 2 Mar 2017 17:19

Tgt Ion:	237	Resp:	252769
Ion	Ratio	Lower	Upper
237	100		
235	62.7	41.2	81.2
272	11.4	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

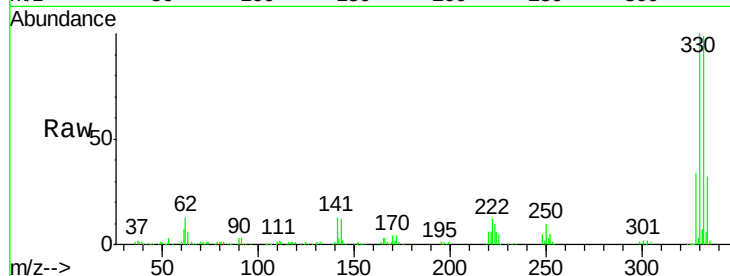




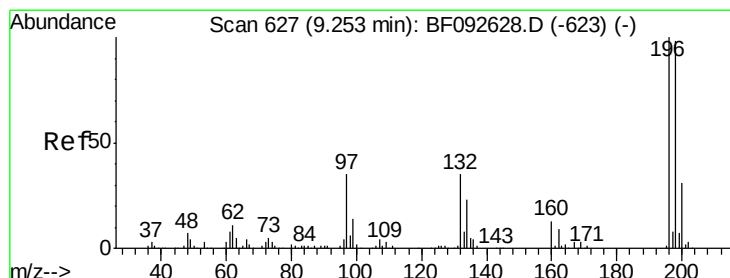
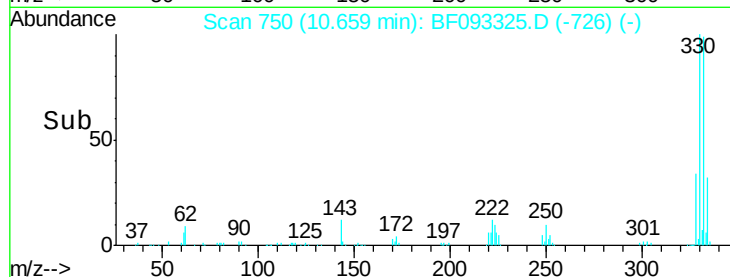
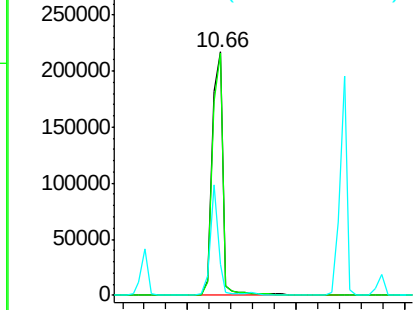
#41
 2,4,6-Tribromophenol
 Concen: 148.90 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.02 min
 Lab File: BF093325.D
 Acq: 2 Mar 2017 17:19

Instrument :
 BNA_F
 ClientSampleId :
 PB97286BS

Tgt Ion:330 Resp: 304569
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.4 116.2
 141 34.2 34.1 51.1

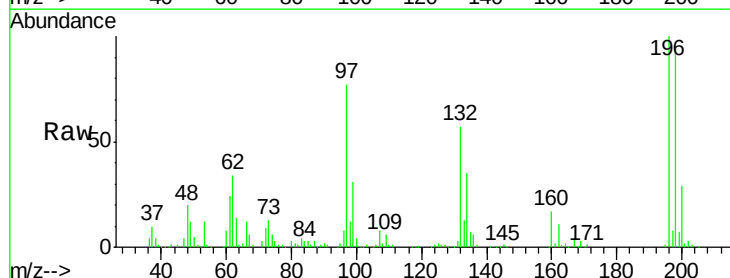


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

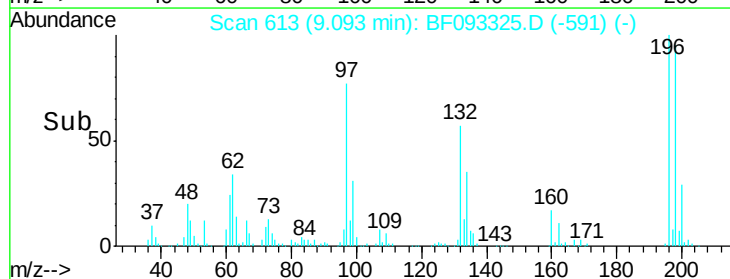
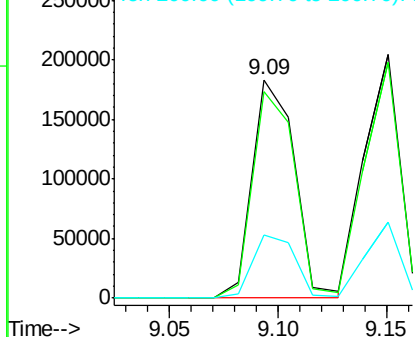


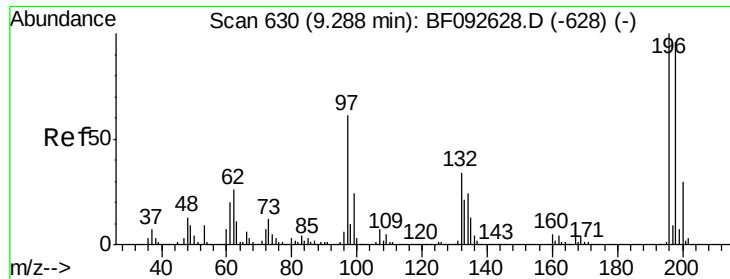
#42
 2,4,6-Trichlorophenol
 Concen: 47.58 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: BF093325.D
 Acq: 2 Mar 2017 17:19

Tgt Ion:196 Resp: 248180
 Ion Ratio Lower Upper
 196 100
 198 94.6 82.1 123.1
 200 28.7 27.0 40.4



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

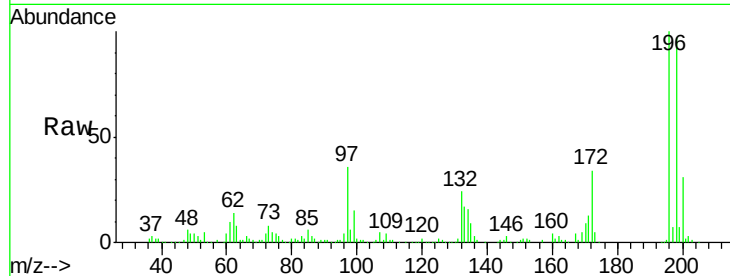




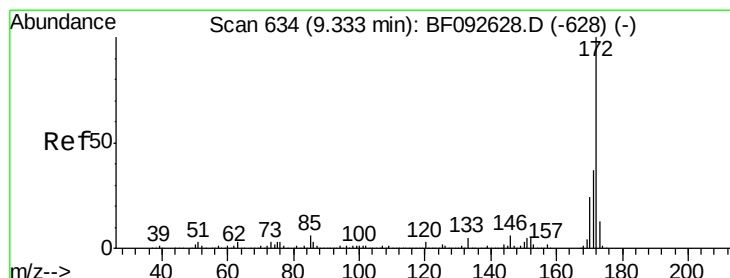
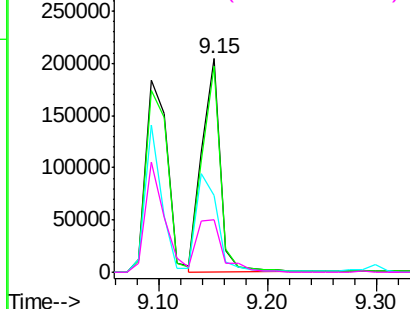
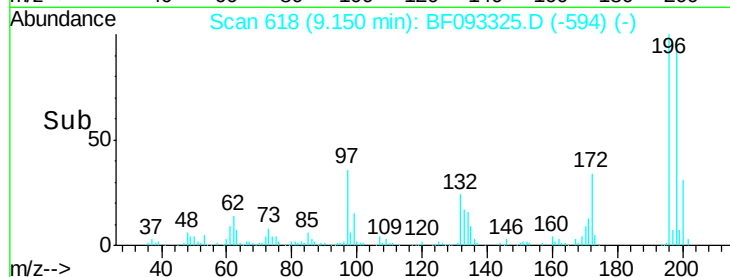
#43
 2,4,5-Trichlorophenol
 Concen: 42.32 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF093325.D
 Acq: 2 Mar 2017 17:19

Instrument :
 BNA_F
 ClientSampleId :
 PB97286BS

Tgt Ion:196 Resp: 241888
 Ion Ratio Lower Upper
 196 100
 198 96.7 79.4 119.2
 97 36.1 51.5 77.3#
 132 24.5 27.4 41.2#

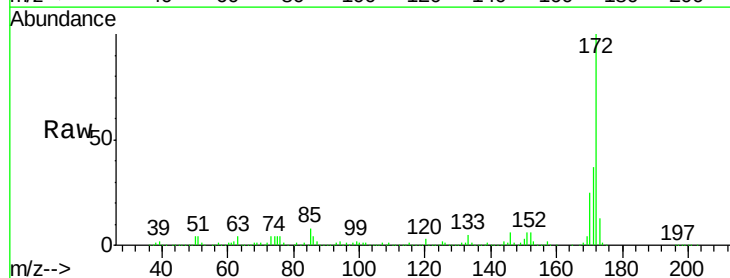


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

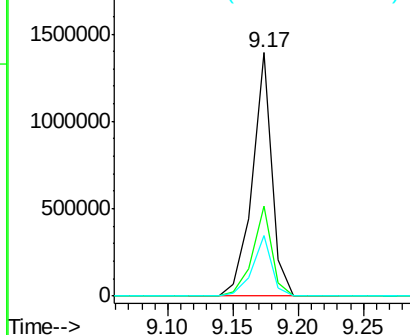
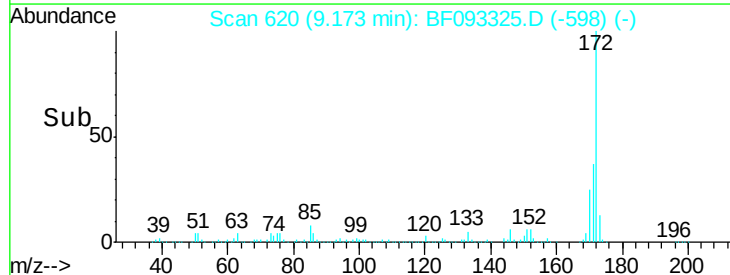


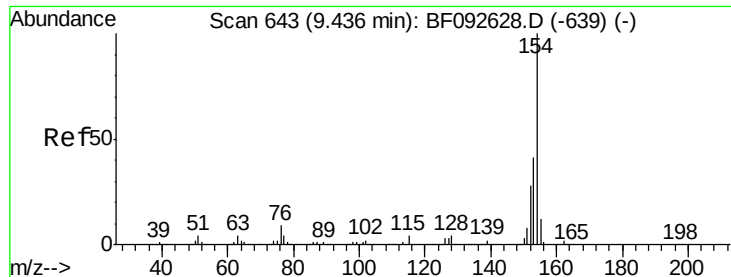
#44
 2-Fluorobiphenyl
 Concen: 93.13 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF093325.D
 Acq: 2 Mar 2017 17:19

Tgt Ion:172 Resp: 1453777
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.4 44.0
 170 24.7 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

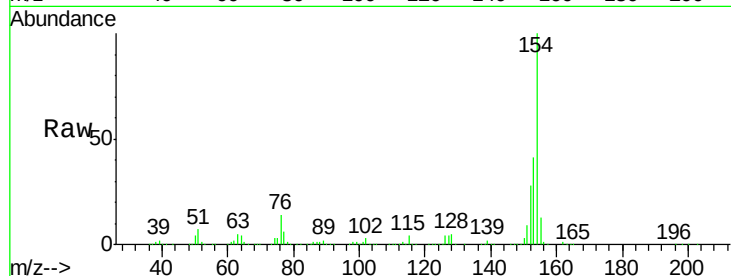




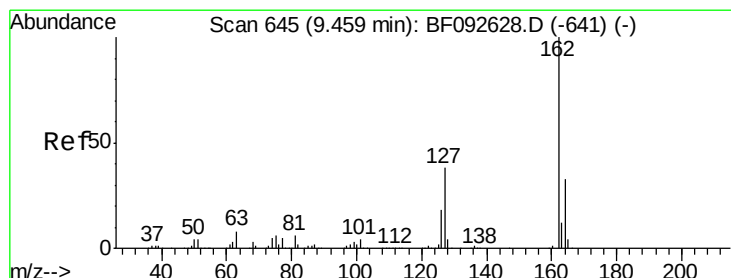
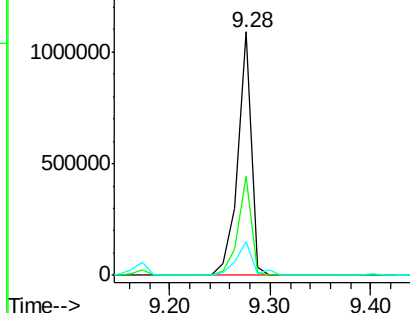
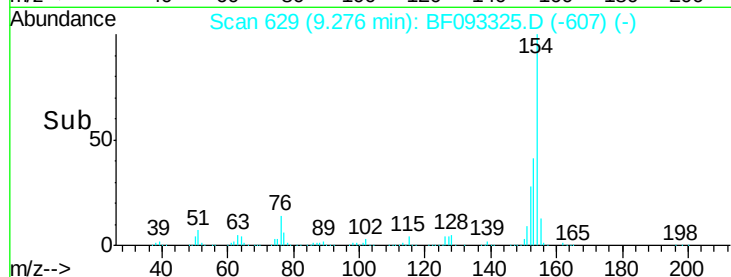
#45
 1,1'-Biphenyl
 Concen: 49.51 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.05 min
 Lab File: BF093325.D
 Acq: 2 Mar 2017 17:19

Instrument :
 BNA_F
 ClientSampleId :
 PB97286BS

Tgt Ion:154 Resp: 1014014
 Ion Ratio Lower Upper
 154 100
 153 40.9 20.9 60.9
 76 13.8 0.0 30.5

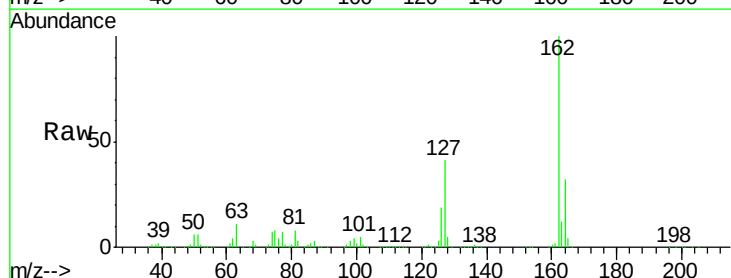


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

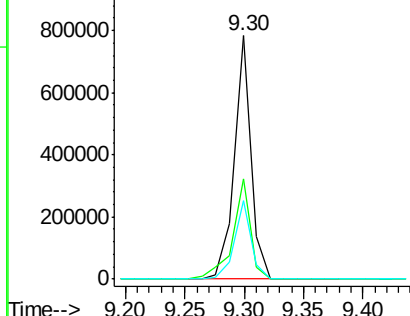
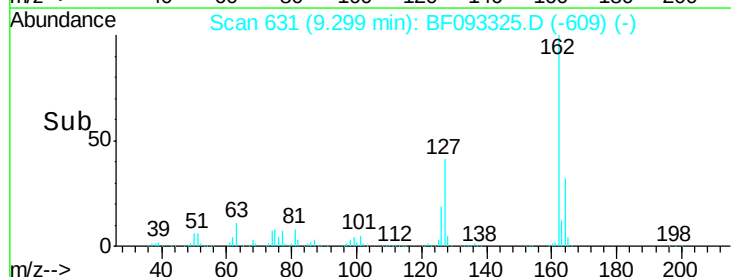


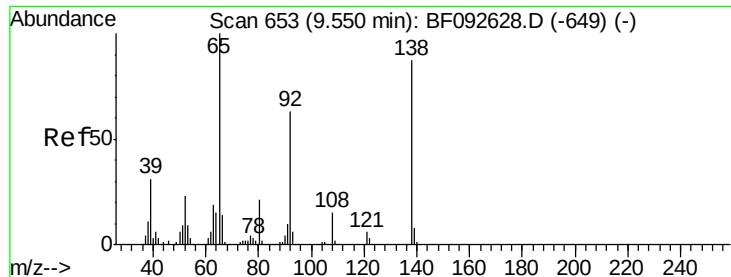
#46
 2-Chloronaphthalene
 Concen: 47.89 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.05 min
 Lab File: BF093325.D
 Acq: 2 Mar 2017 17:19

Tgt Ion:162 Resp: 767178
 Ion Ratio Lower Upper
 162 100
 127 41.4 30.7 46.1
 164 32.4 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

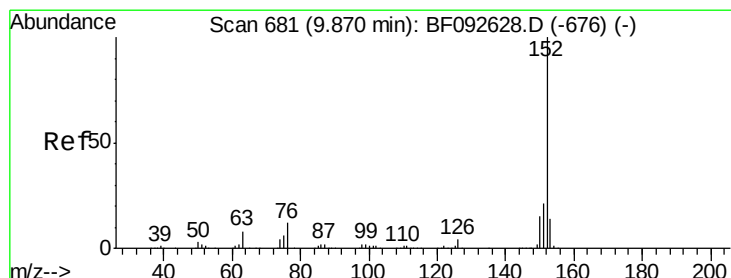
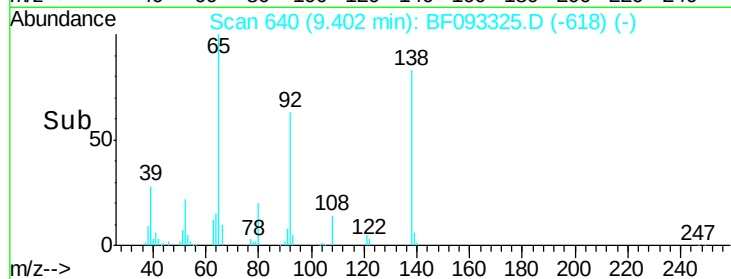
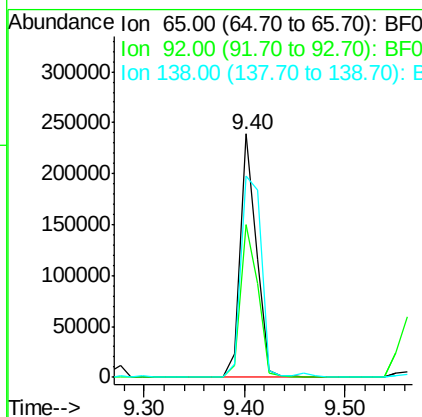
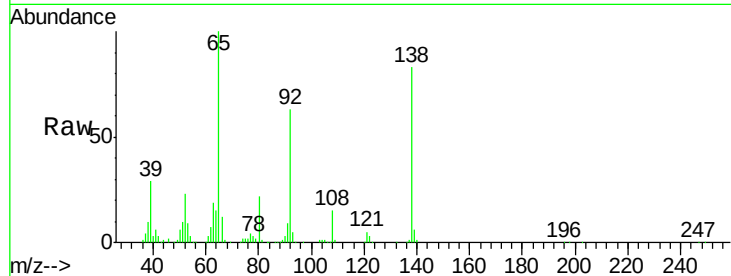




#47
2-Nitroaniline
Concen: 49.69 ng
RT: 9.40 min Scan# 640
Delta R.T. -0.05 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

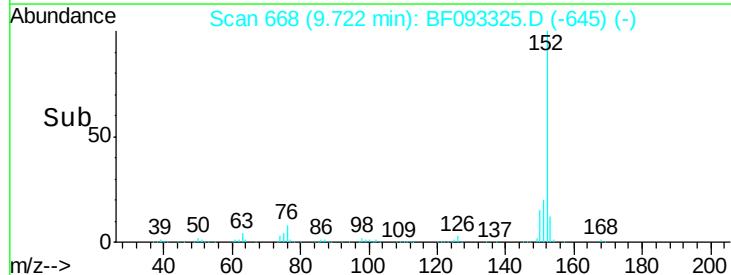
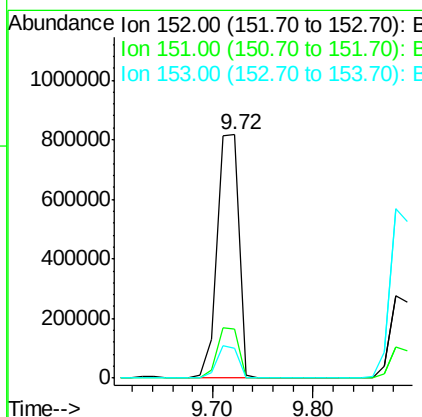
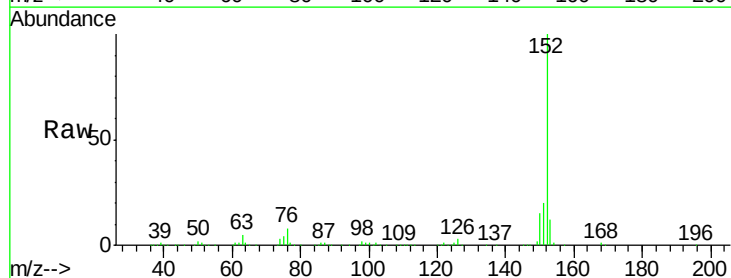
Instrument :
BNA_F
ClientSampleId :
PB97286BS

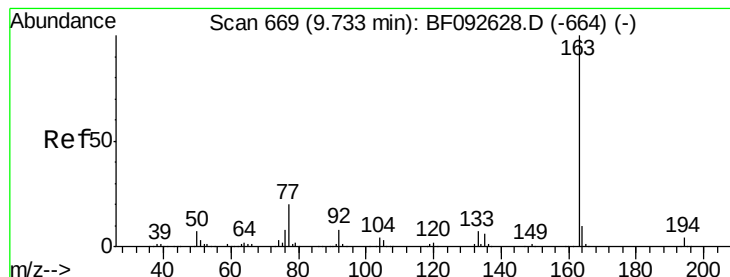
Tgt Ion: 65 Resp: 267643
Ion Ratio Lower Upper
65 100
92 62.7 53.9 80.9
138 82.9 76.8 115.2



#48
Acenaphthylene
Concen: 44.28 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.03 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

Tgt Ion: 152 Resp: 1225355
Ion Ratio Lower Upper
152 100
151 20.4 16.9 25.3
153 12.4 11.4 17.2





#49

Dimethylphthalate

Concen: 50.60 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.03 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

Instrument :

BNA_F

ClientSampleId :

PB97286BS

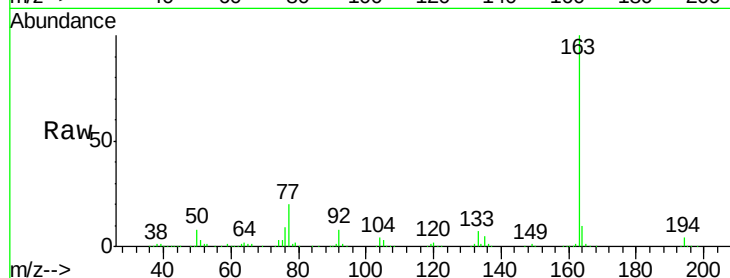
Tgt Ion:163 Resp: 963923

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

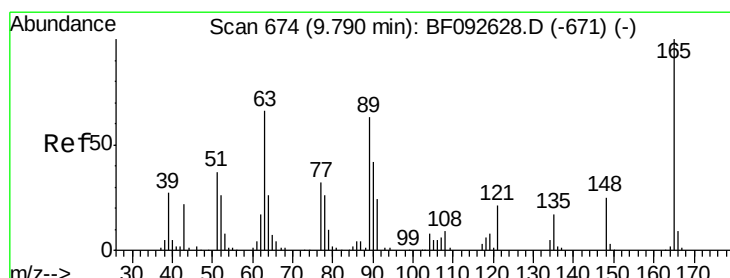
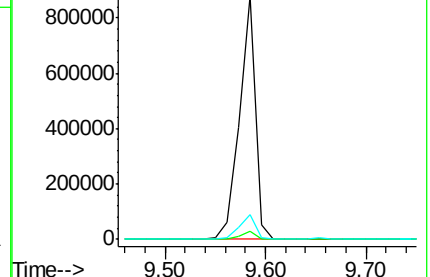
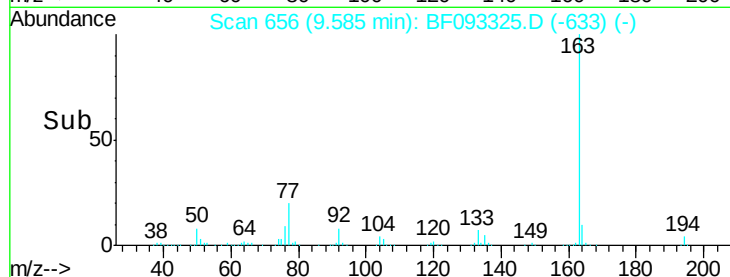
164 10.2 8.0 12.0



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: 54.11 ng

RT: 9.65 min Scan# 662

Delta R.T. -0.03 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

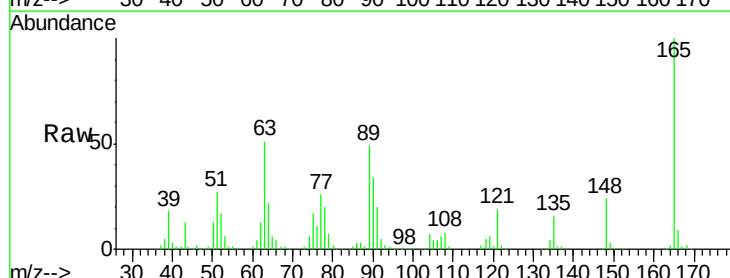
Tgt Ion:165 Resp: 222614

Ion Ratio Lower Upper

165 100

63 50.8 36.2 54.4

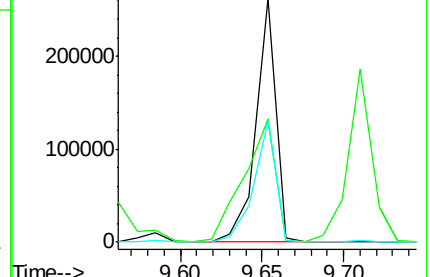
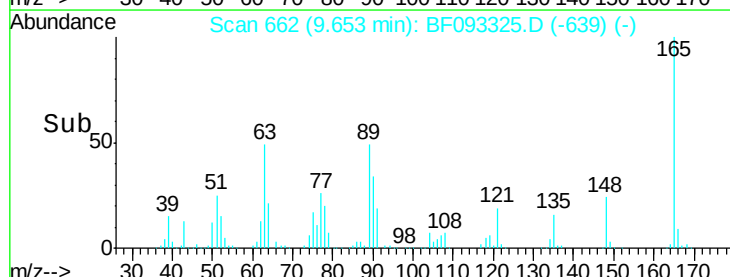
89 49.4 40.2 60.4

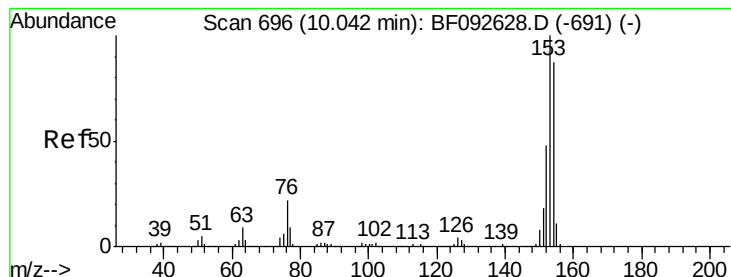


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.75 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

Instrument :

BNA_F

ClientSampleId :

PB97286BS

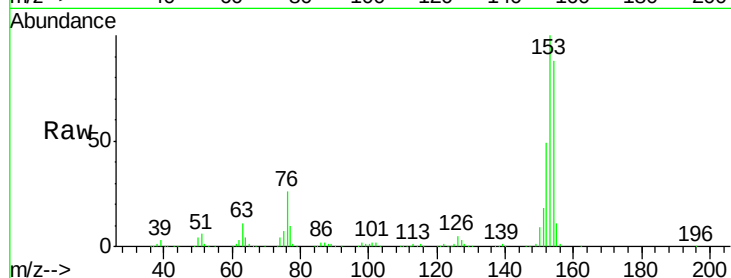
Tgt Ion:154 Resp: 723926

Ion Ratio Lower Upper

154 100

153 113.3 88.6 133.0

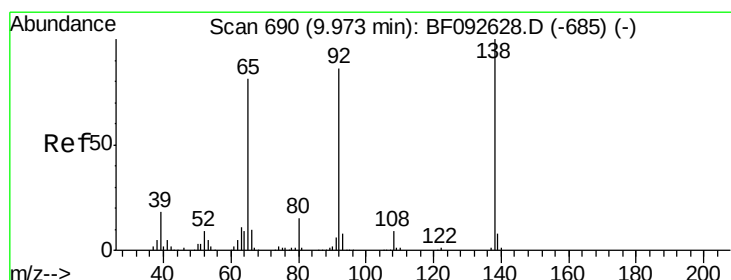
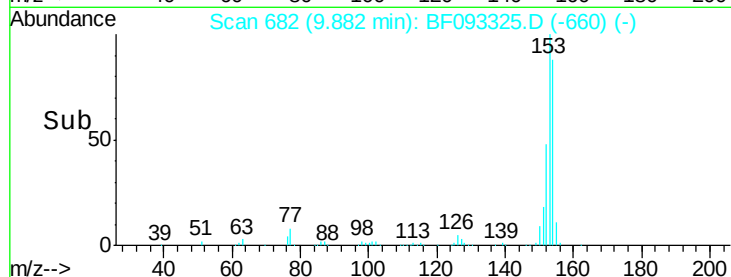
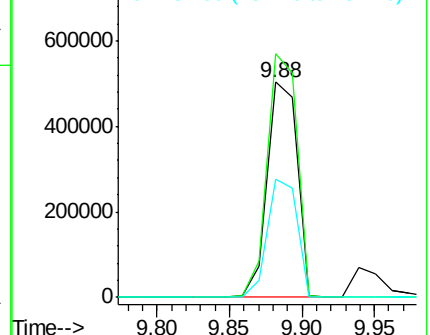
152 55.0 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 33.59 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.03 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

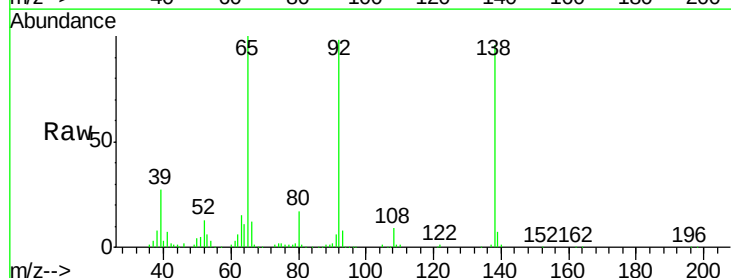
Tgt Ion:138 Resp: 158166

Ion Ratio Lower Upper

138 100

108 9.6 8.5 12.7

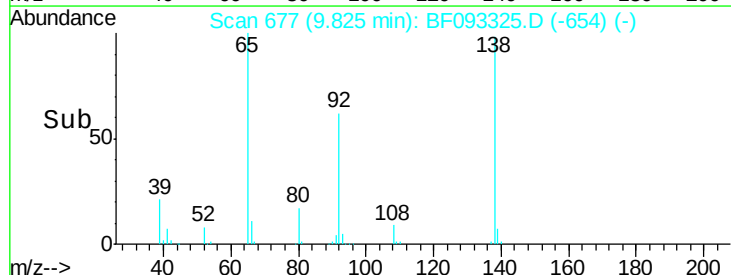
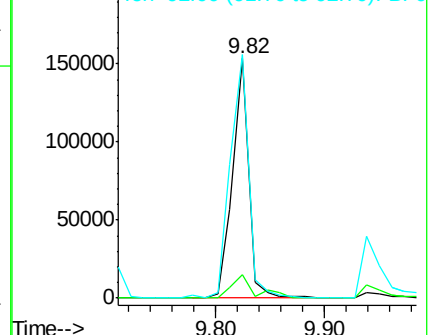
92 101.7 97.8 146.8

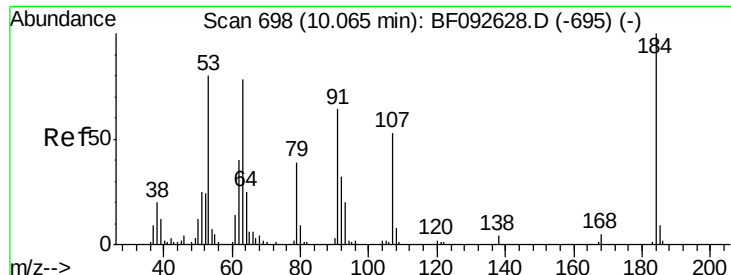


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

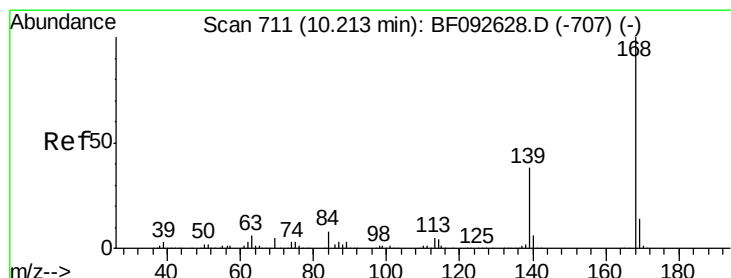
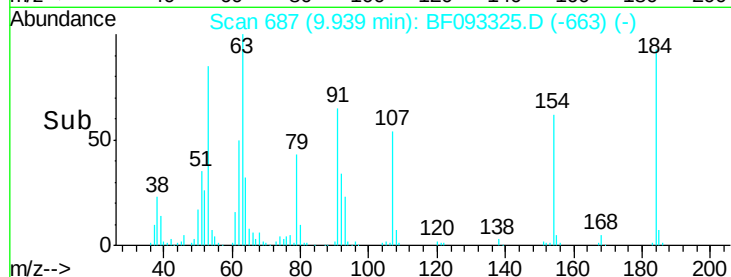
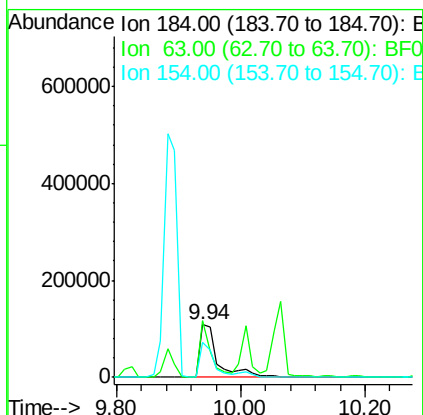
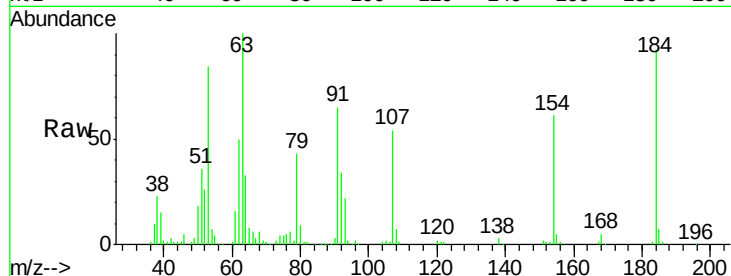




#53
2,4-Dinitrophenol
Concen: 106.31 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

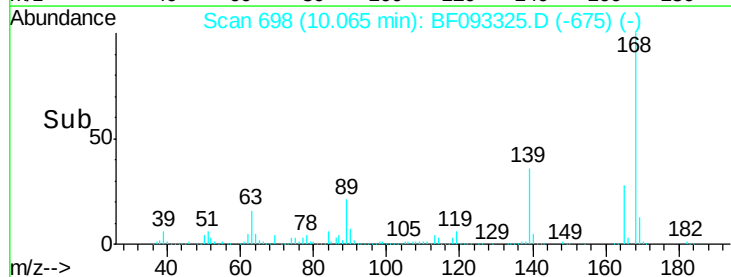
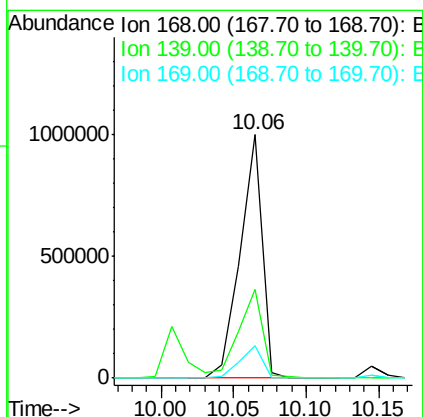
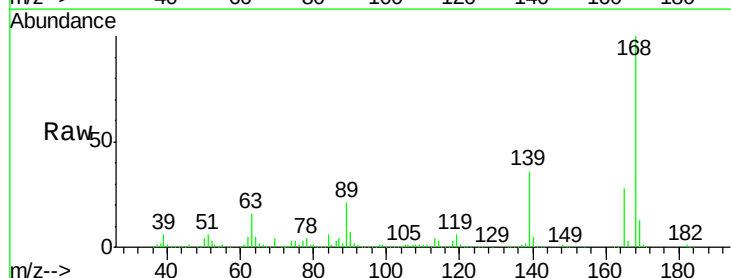
Instrument :
BNA_F
ClientSampleId :
PB97286BS

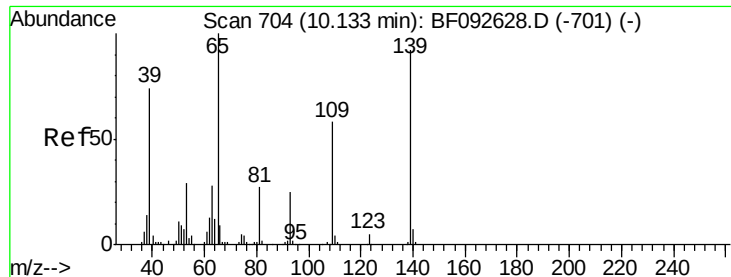
Tgt Ion:184 Resp: 225945
Ion Ratio Lower Upper
184 100
63 108.5 28.4 42.6#
154 65.9 44.3 66.5



#54
Dibenzofuran
Concen: 47.61 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.03 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

Tgt Ion:168 Resp: 1053726
Ion Ratio Lower Upper
168 100
139 36.3 32.6 49.0
169 13.3 11.3 16.9

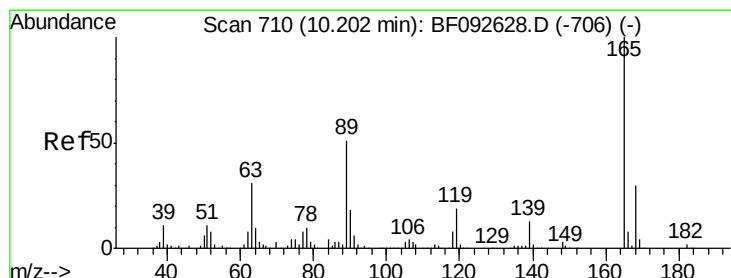
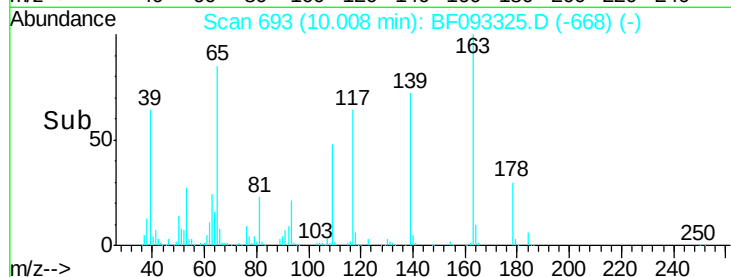
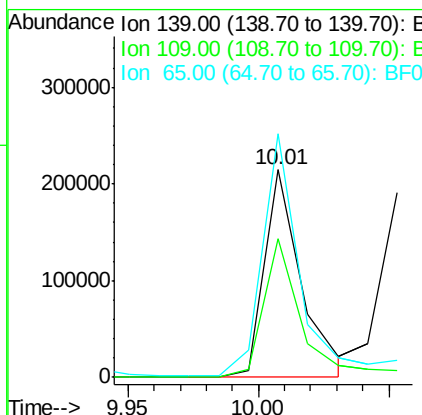
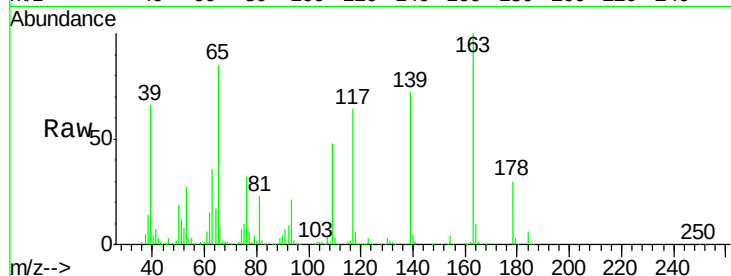




#55
4-Nitrophenol
Concen: 62.56 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

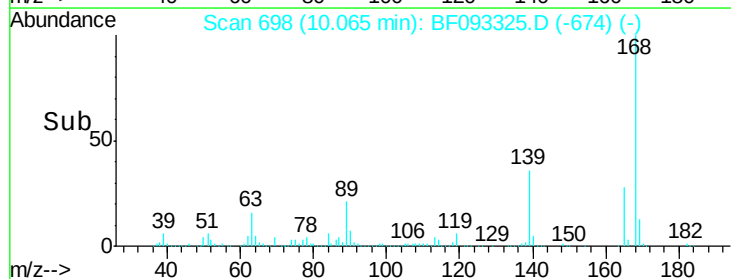
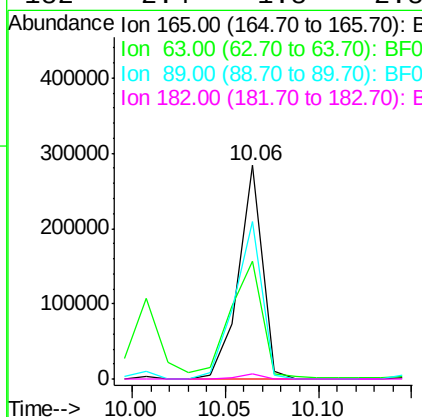
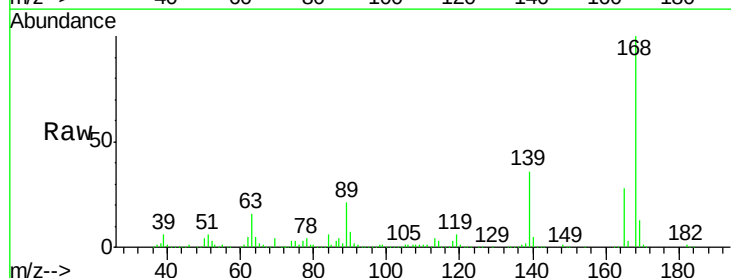
Instrument :
BNA_F
ClientSampleId :
PB97286BS

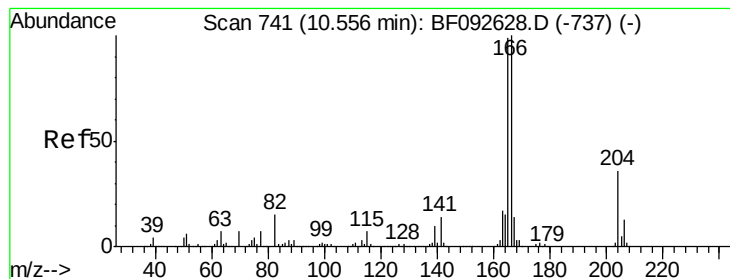
Tgt Ion:139 Resp: 212152
Ion Ratio Lower Upper
139 100
109 66.7 52.2 92.2
65 117.5 85.8 125.8



#56
2,4-Dinitrotoluene
Concen: 46.72 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.02 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

Tgt Ion:165 Resp: 255893
Ion Ratio Lower Upper
165 100
63 55.3 40.2 60.4
89 73.9 62.5 93.7
182 2.4 1.8 2.8





#57

Fluorene

Concen: 50.60 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.03 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

Instrument :

BNA_F

ClientSampleId :

PB97286BS

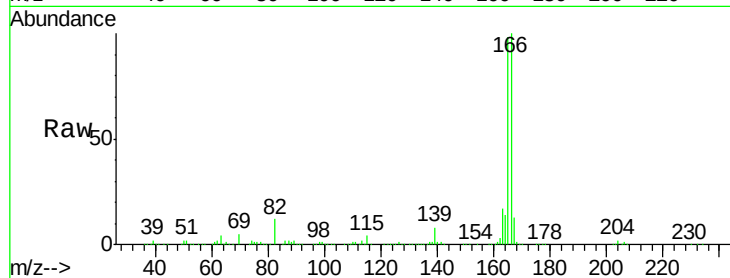
Tgt Ion:166 Resp: 861547

Ion Ratio Lower Upper

166 100

165 98.4 77.8 116.8

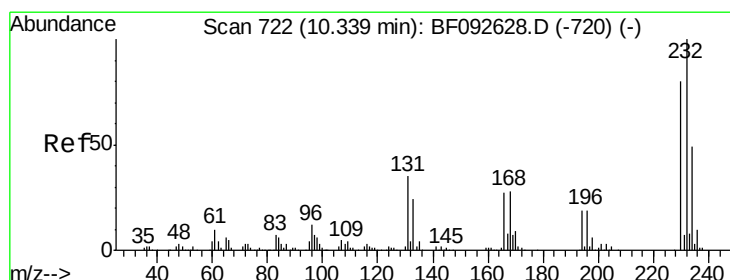
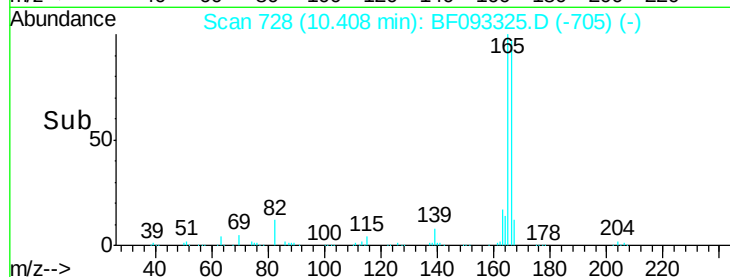
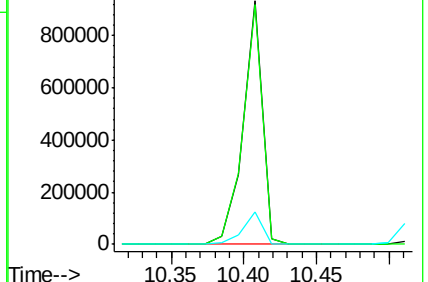
167 13.2 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 53.93 ng

RT: 10.19 min Scan# 709

Delta R.T. -0.03 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

Tgt Ion:232 Resp: 205634

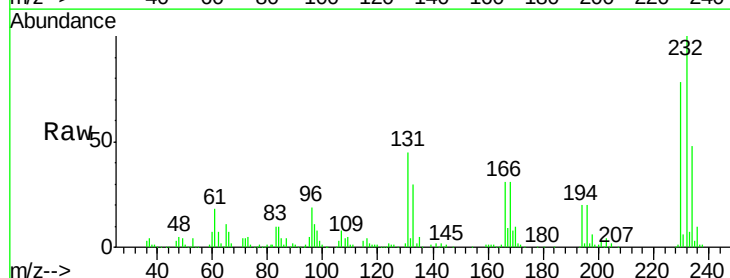
Ion Ratio Lower Upper

232 100

131 44.7 40.1 60.1

130 2.2 1.8 2.8

166 30.2 26.6 39.8

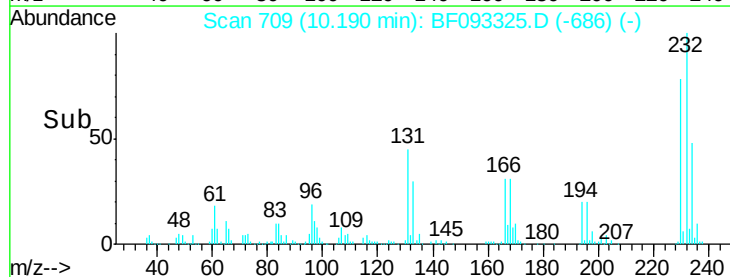
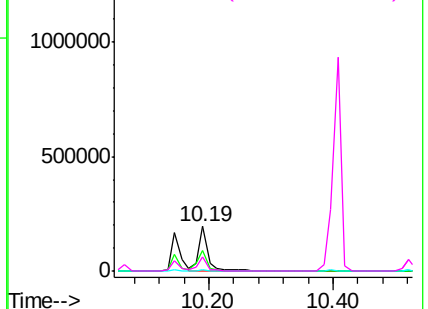


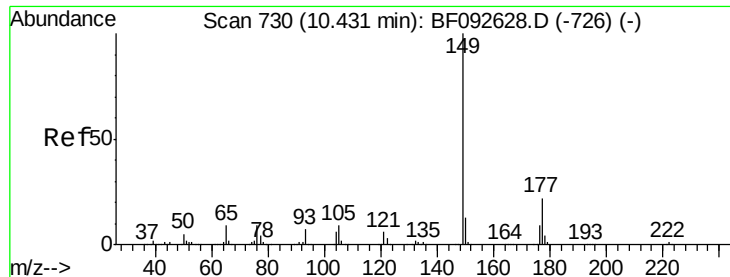
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

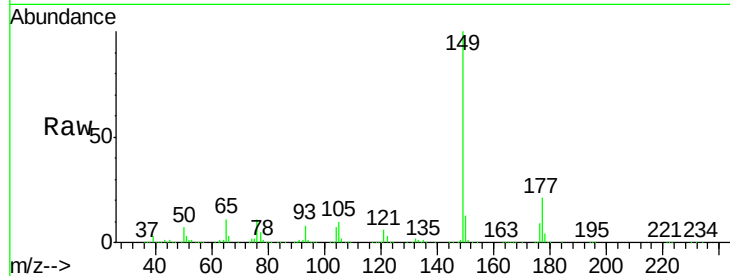




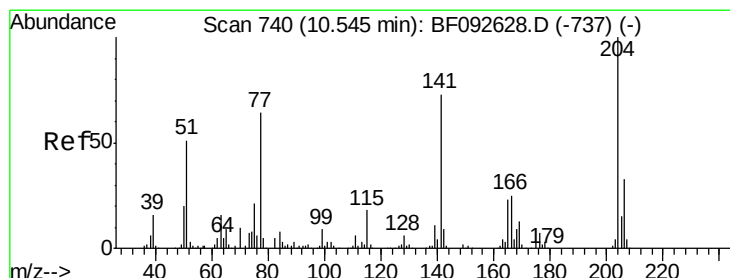
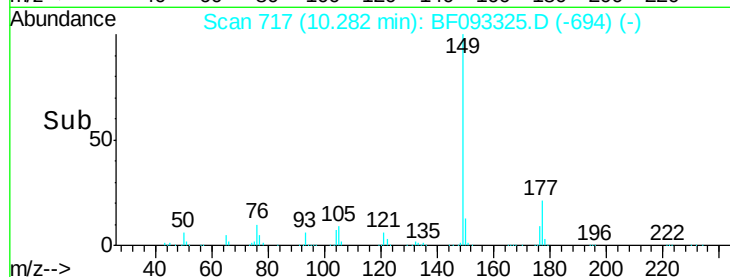
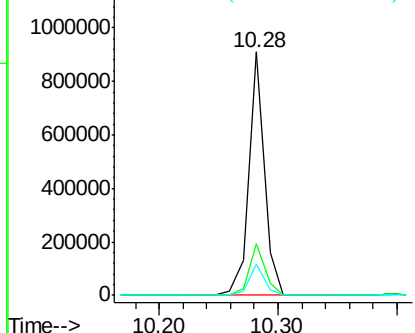
#59
Diethylphthalate
Concen: 46.77 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.03 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

Instrument :
BNA_F
ClientSampleId :
PB97286BS

Tgt Ion:149 Resp: 839550
Ion Ratio Lower Upper
149 100
177 21.2 16.6 25.0
150 12.7 10.4 15.6

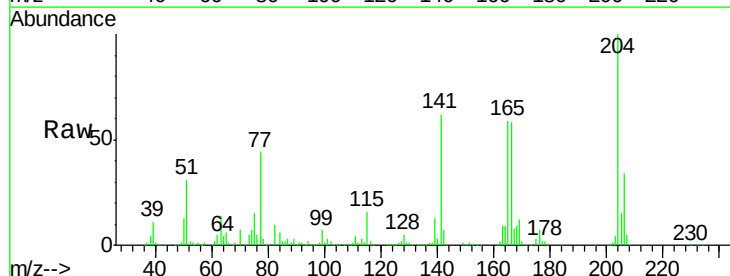


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

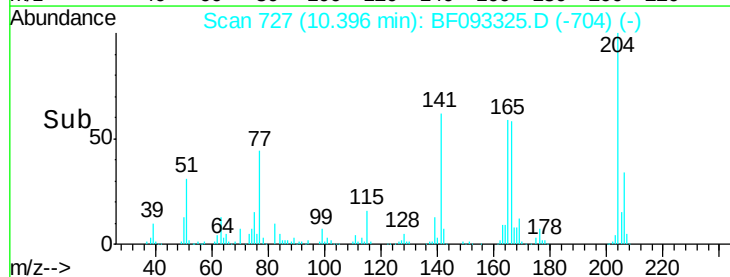
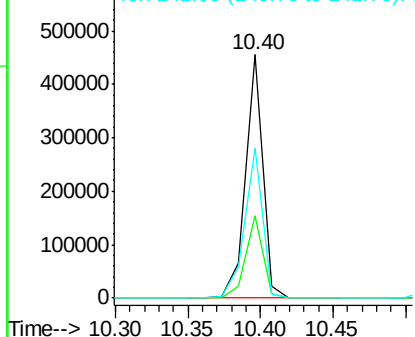


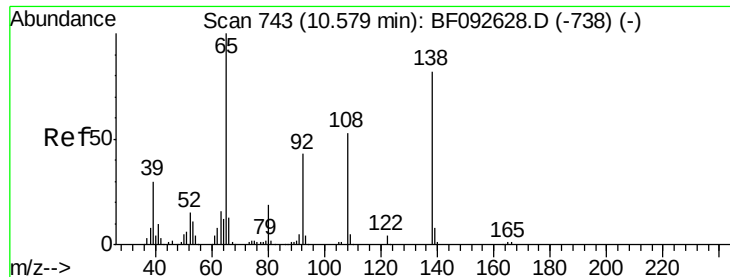
#60
4-Chlorophenyl-phenylether
Concen: 46.09 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.03 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

Tgt Ion:204 Resp: 377035
Ion Ratio Lower Upper
204 100
206 34.0 25.8 38.6
141 61.5 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

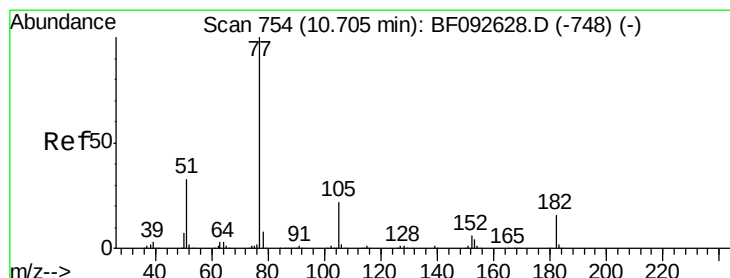
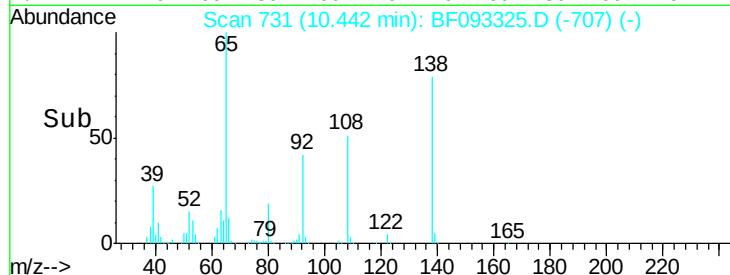
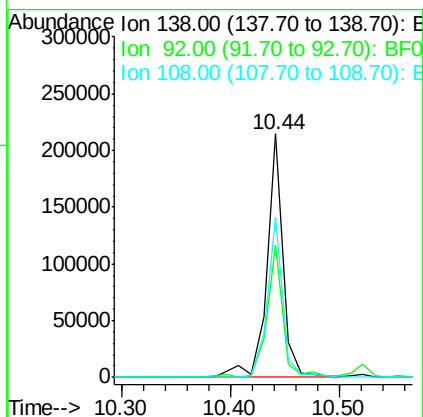
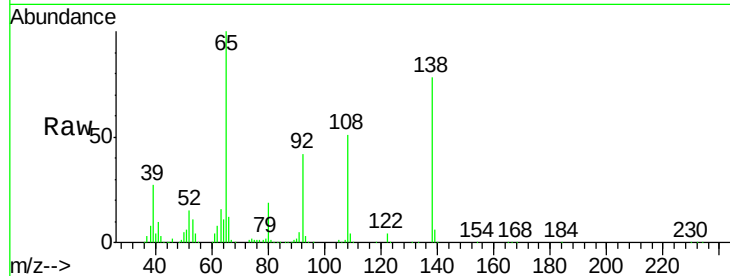




#61
4-Nitroaniline
Concen: 46.48 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.02 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

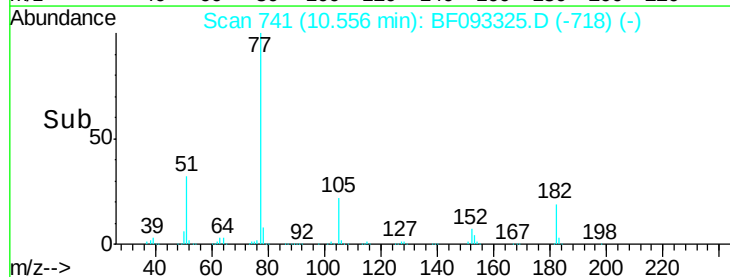
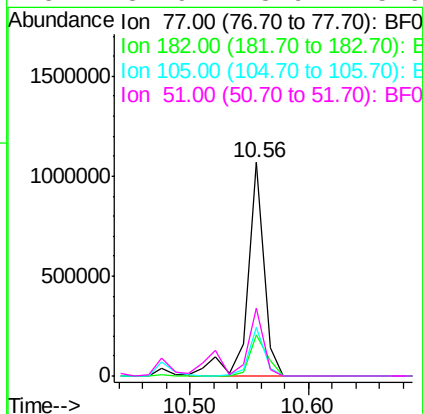
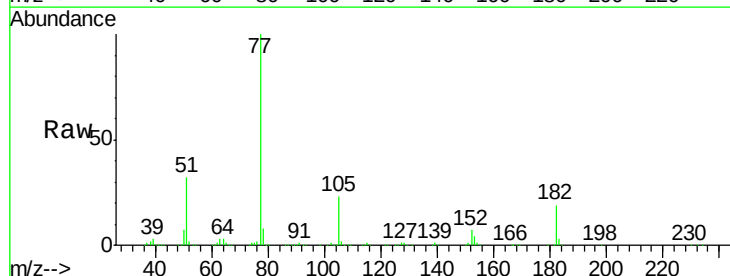
Instrument :
BNA_F
ClientSampleId :
PB97286BS

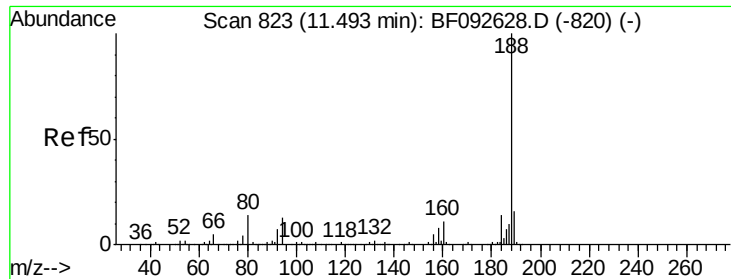
Tgt Ion: 138 Resp: 224139
Ion Ratio Lower Upper
138 100
92 54.2 31.7 71.7
108 65.7 52.6 92.6



#62
Azobenzene
Concen: 56.05 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.03 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

Tgt Ion: 77 Resp: 1039584
Ion Ratio Lower Upper
77 100
182 19.4 0.0 39.3
105 22.9 2.3 42.3
51 31.9 8.9 48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 810

Delta R.T. -0.03 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

Instrument :

BNA_F

ClientSampleId :

PB97286BS

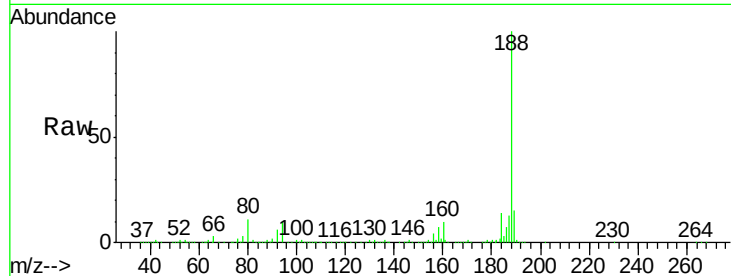
Tgt Ion:188 Resp: 512128

Ion Ratio Lower Upper

188 100

94 10.5 10.0 15.0

80 10.7 11.2 16.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

11.34

600000

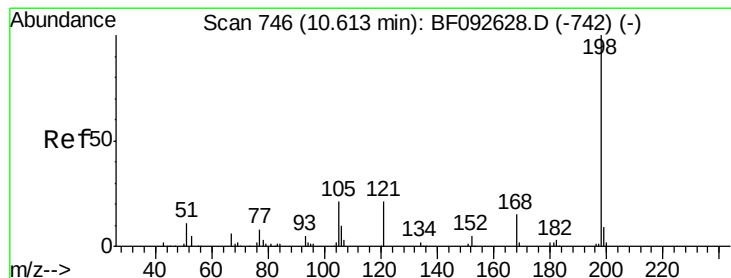
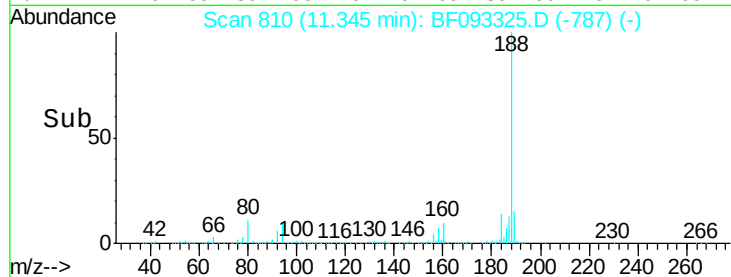
400000

200000

0

11.30 11.35 11.40

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 46.76 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.02 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

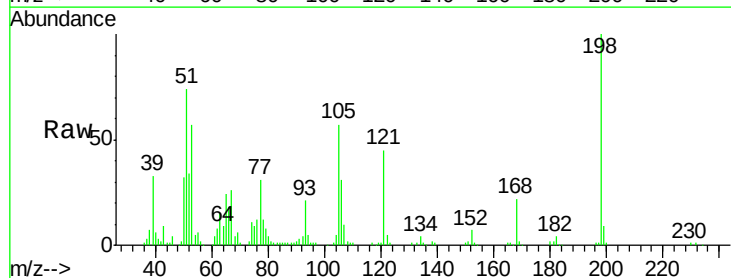
Tgt Ion:198 Resp: 145519

Ion Ratio Lower Upper

198 100

51 73.9 6.7 46.7#

105 57.3 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

10.48

400000

300000

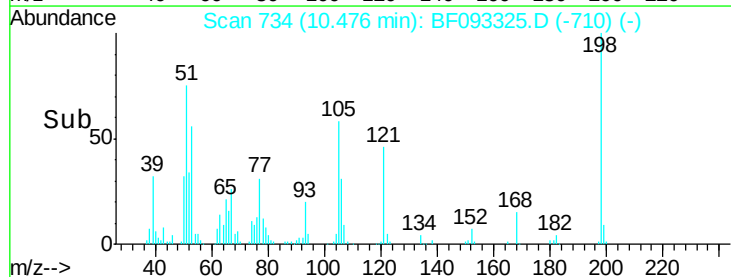
200000

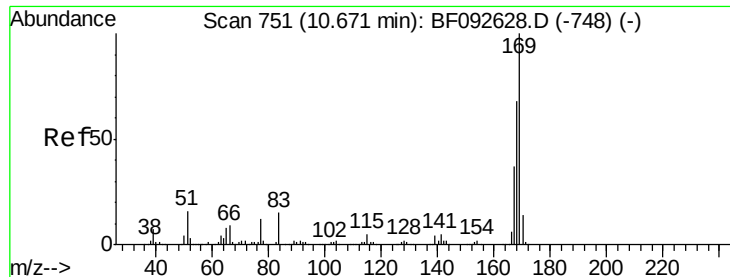
100000

0

10.40 10.50 10.60

Time-->





#65

n-Nitrosodiphenylamine

Concen: 45.19 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.03 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

Instrument :

BNA_F

ClientSampleId :

PB97286BS

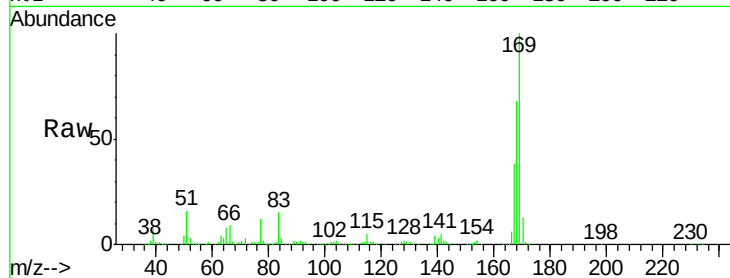
Tgt Ion:169 Resp: 739330

Ion Ratio Lower Upper

169 100

168 68.1 54.2 81.2

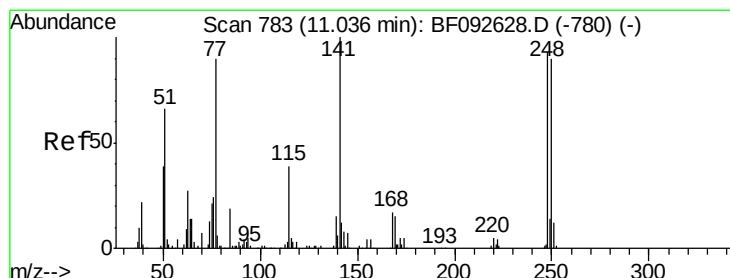
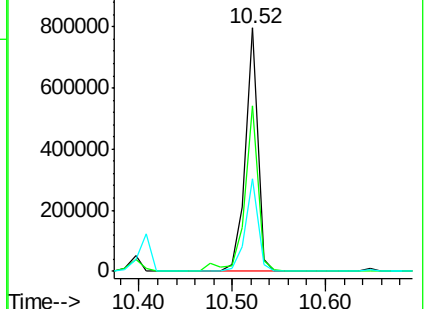
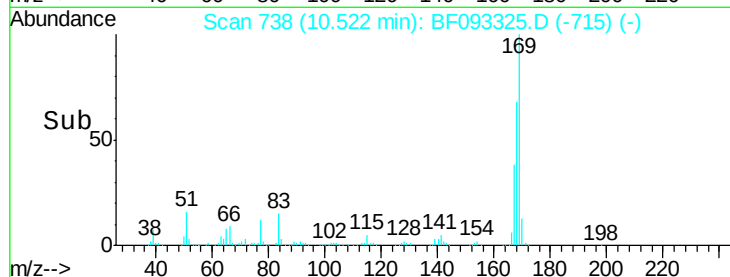
167 38.0 30.2 45.4



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: 42.55 ng

RT: 10.89 min Scan# 770

Delta R.T. -0.03 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

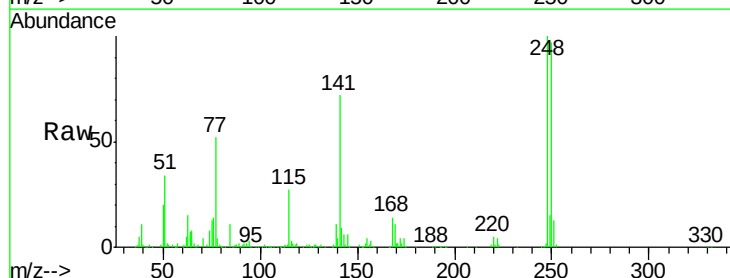
Tgt Ion:248 Resp: 227686

Ion Ratio Lower Upper

248 100

250 97.2 76.9 115.3

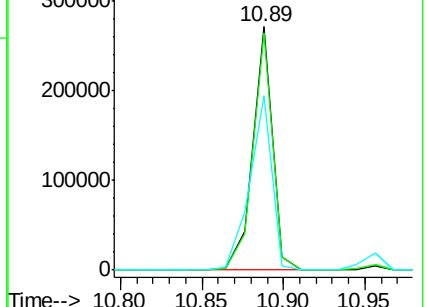
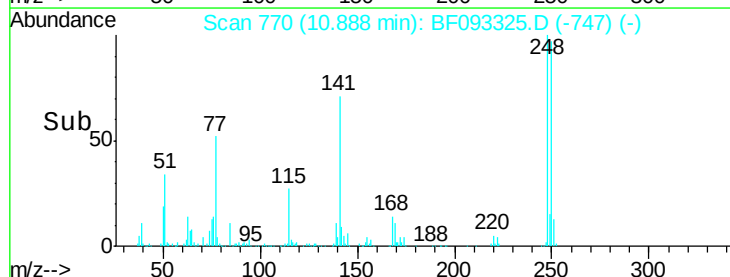
141 71.9 68.2 102.4

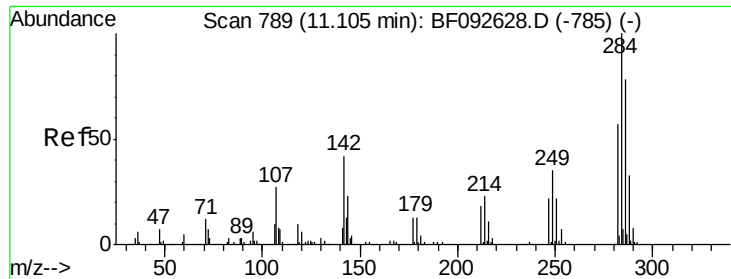


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

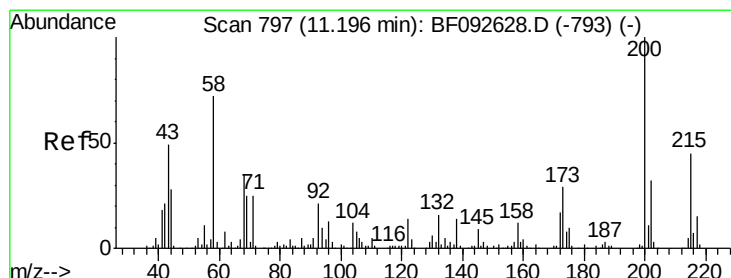
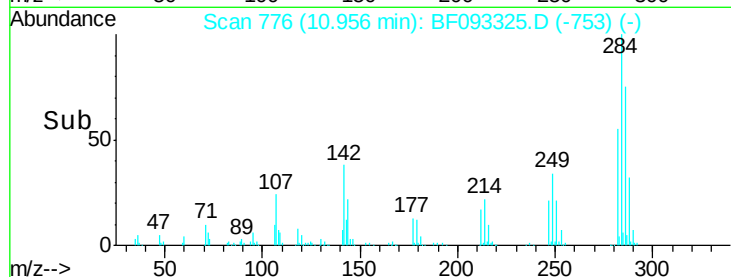
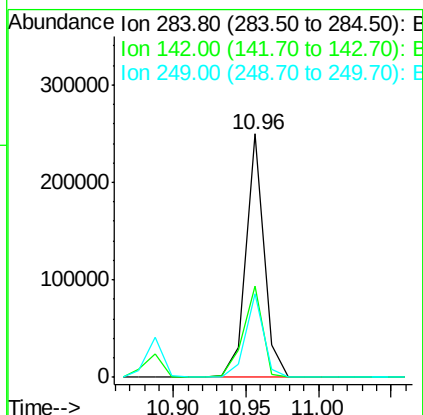
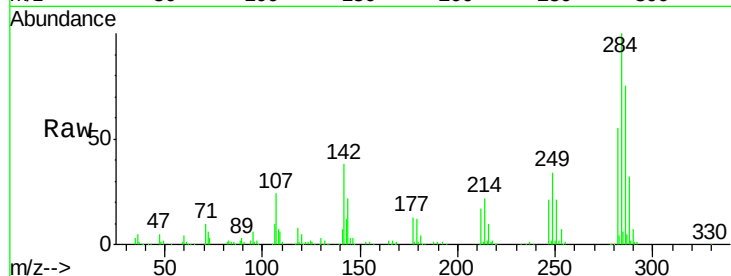




#67
Hexachlorobenzene
Concen: 41.22 ng
RT: 10.96 min Scan# 776
Delta R.T. -0.03 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

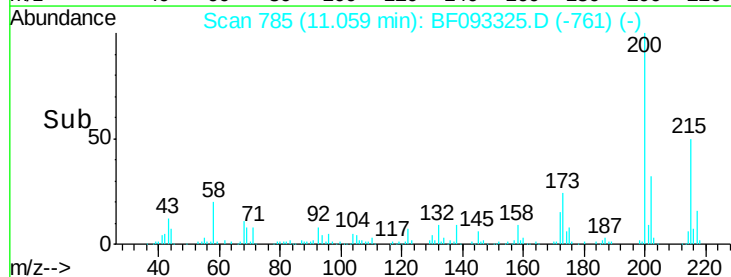
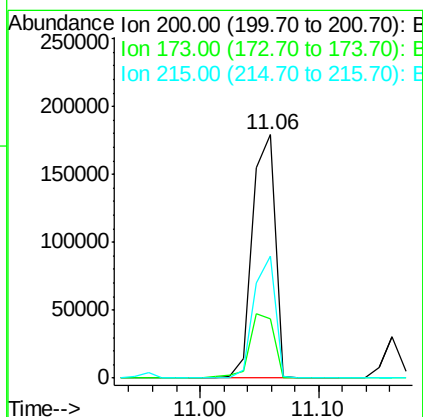
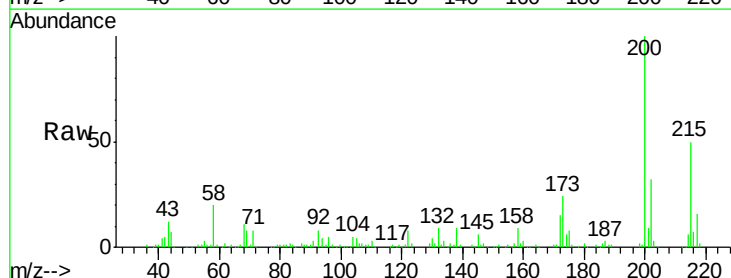
Instrument :
BNA_F
ClientSampleId :
PB97286BS

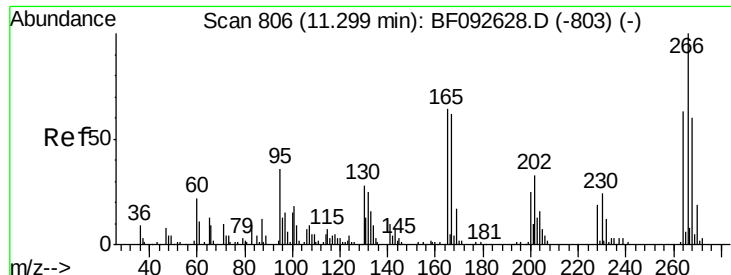
Tgt Ion:284 Resp: 217923
Ion Ratio Lower Upper
284 100
142 37.6 22.6 33.8#
249 34.4 25.4 38.0



#68
Atrazine
Concen: 46.11 ng
RT: 11.06 min Scan# 785
Delta R.T. -0.02 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

Tgt Ion:200 Resp: 242093
Ion Ratio Lower Upper
200 100
173 24.3 9.6 49.6
215 50.1 25.7 65.7

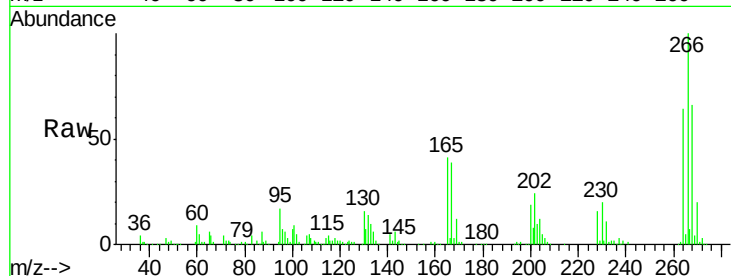




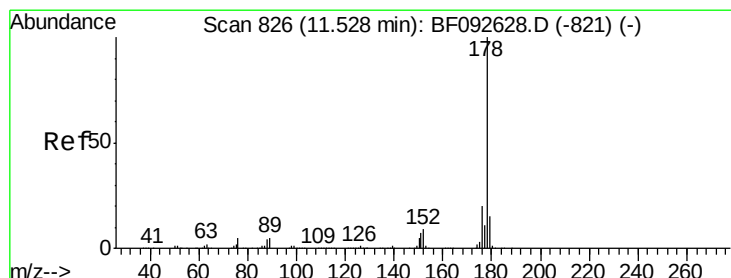
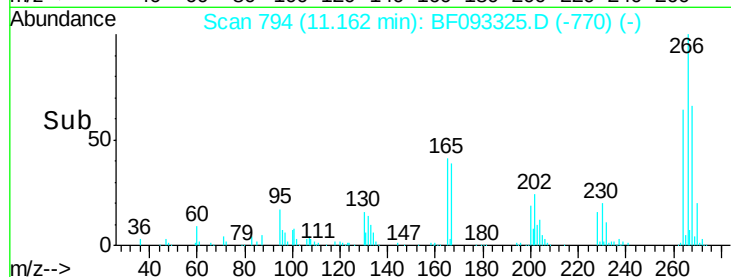
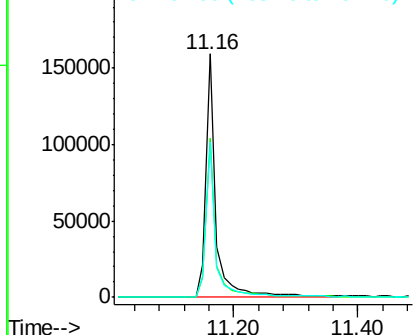
#69
 Pentachlorophenol
 Concen: 68.32 ng
 RT: 11.16 min Scan# 794
 Delta R.T. -0.02 min
 Lab File: BF093325.D
 Acq: 2 Mar 2017 17:19

Instrument :
 BNA_F
 ClientSampleId :
 PB97286BS

Tgt Ion:266 Resp: 183335
 Ion Ratio Lower Upper
 266 100
 268 65.6 53.3 79.9
 264 63.6 50.3 75.5

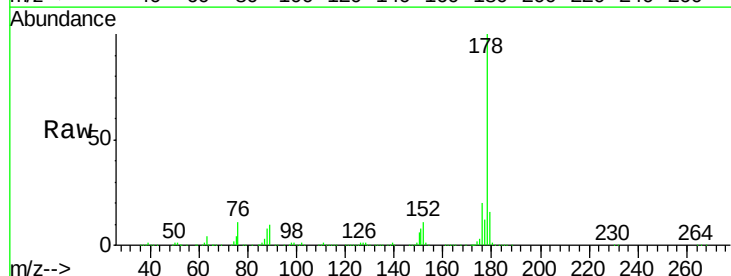


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

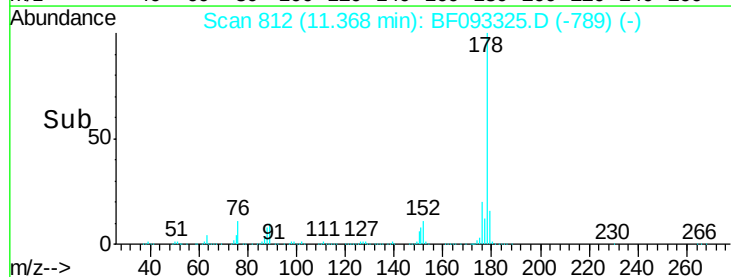
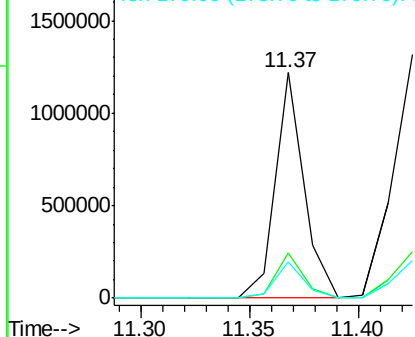


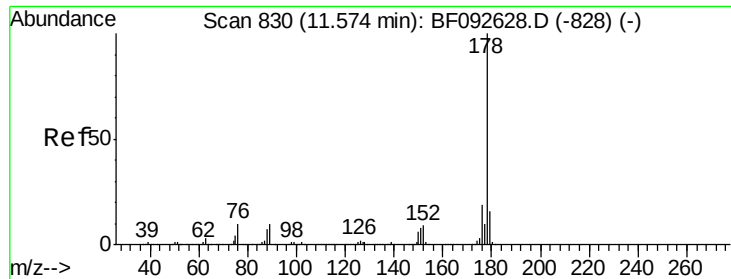
#70
 Phenanthrene
 Concen: 38.60 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.03 min
 Lab File: BF093325.D
 Acq: 2 Mar 2017 17:19

Tgt Ion:178 Resp: 1132493
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.6 25.0
 179 15.9 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

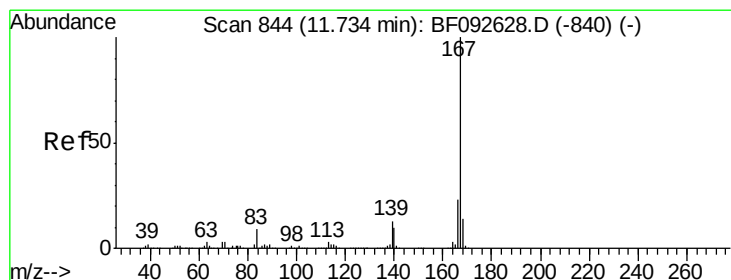
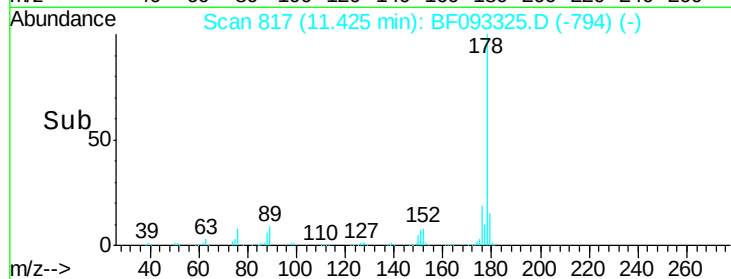
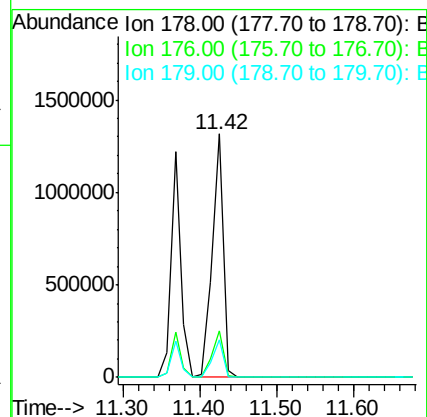
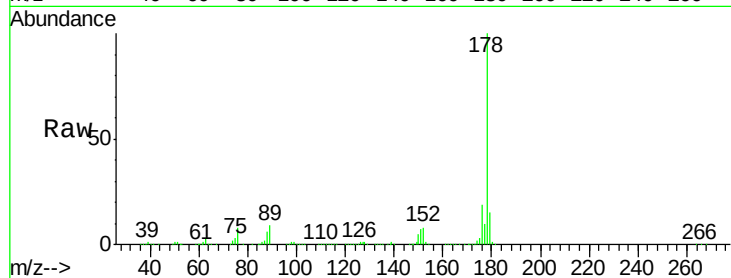




#71
 Anthracene
 Concen: 44.21 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.03 min
 Lab File: BF093325.D
 Acq: 2 Mar 2017 17:19

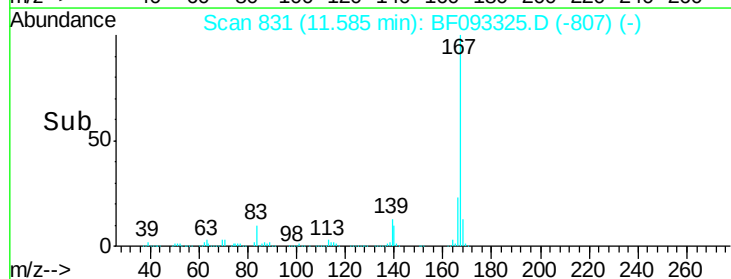
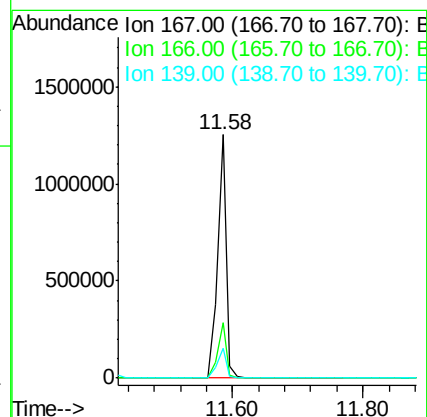
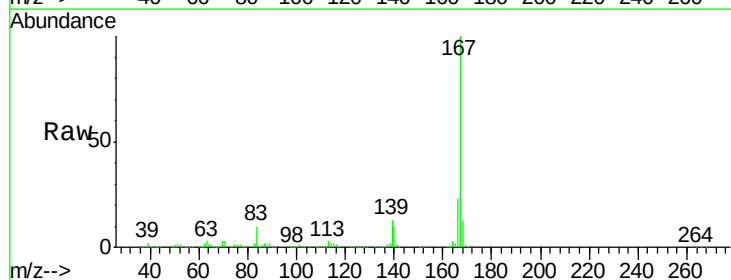
Instrument :
 BNA_F
 ClientSampleId :
 PB97286BS

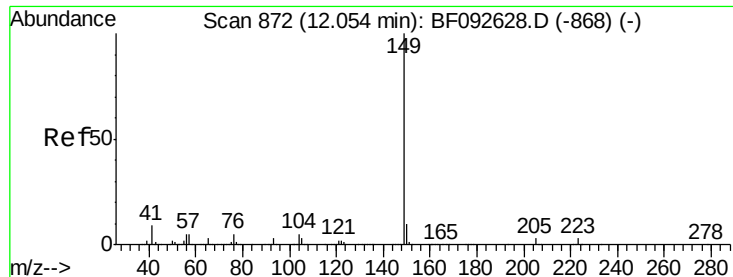
Tgt Ion:178 Resp: 1302641
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.9 23.9
 179 15.4 13.2 19.8



#72
 Carbazole
 Concen: 42.04 ng
 RT: 11.58 min Scan# 831
 Delta R.T. -0.02 min
 Lab File: BF093325.D
 Acq: 2 Mar 2017 17:19

Tgt Ion:167 Resp: 1184023
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.2 27.2
 139 12.5 11.4 17.2





#73

Di-n-butylphthalate

Concen: 43.20 ng

RT: 11.90 min Scan# 859

Delta R.T. -0.03 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

Instrument :

BNA_F

ClientSampleId :

PB97286BS

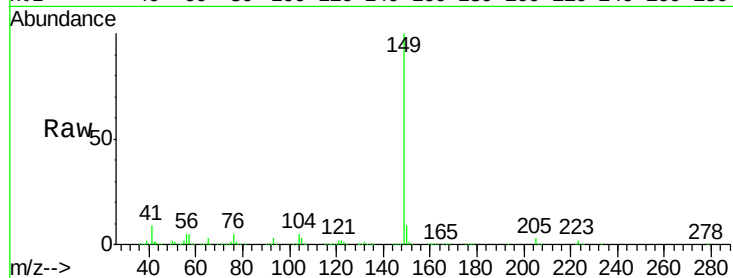
Tgt Ion:149 Resp: 1316030

Ion Ratio Lower Upper

149 100

150 9.4 8.1 12.1

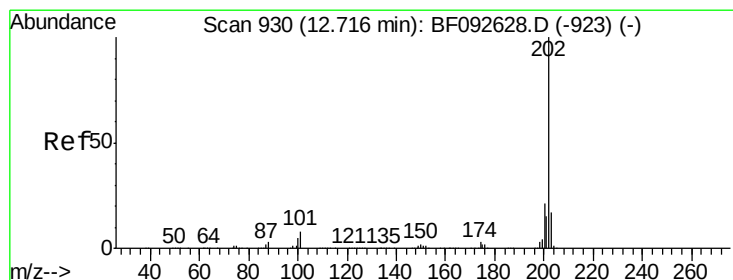
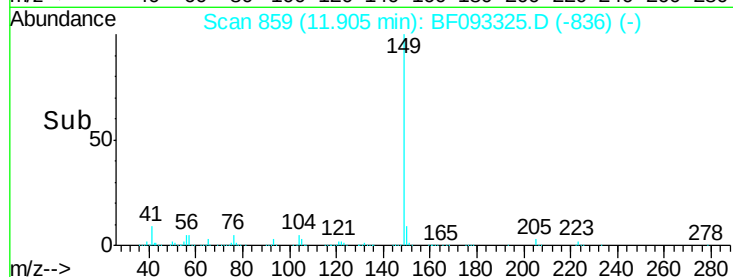
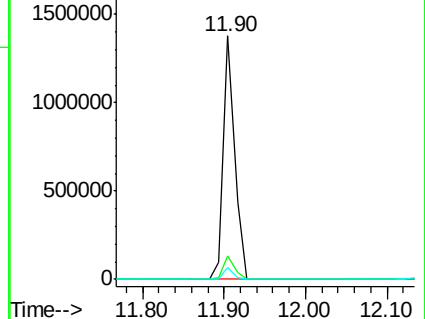
104 4.7 4.6 7.0



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: 37.39 ng

RT: 12.56 min Scan# 916

Delta R.T. -0.03 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

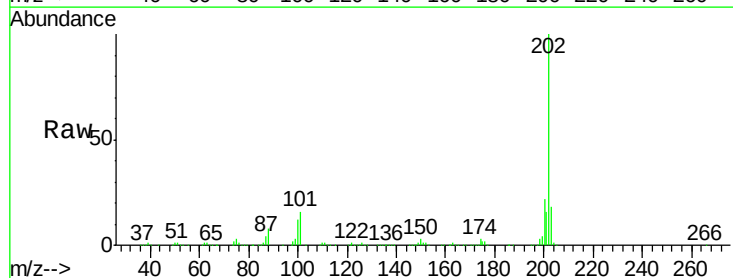
Tgt Ion:202 Resp: 1131705

Ion Ratio Lower Upper

202 100

101 16.1 0.0 34.6

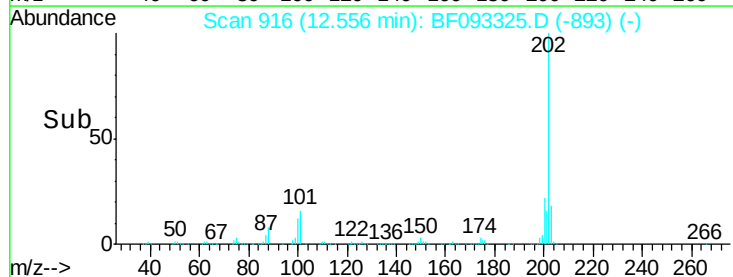
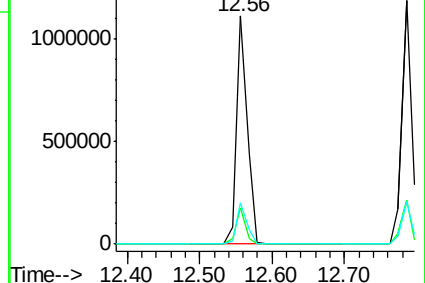
203 17.9 0.0 38.7

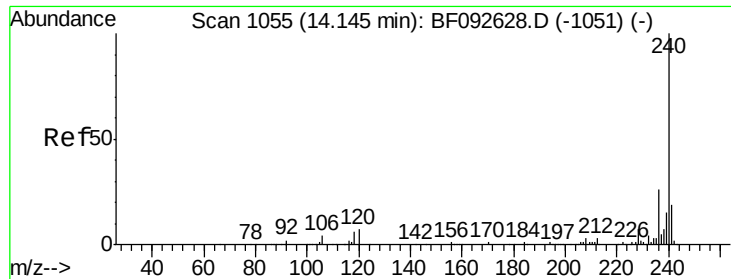


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

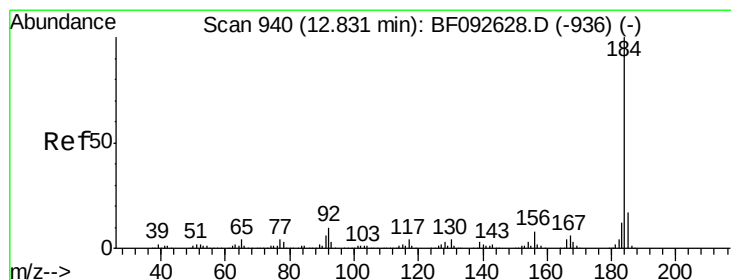
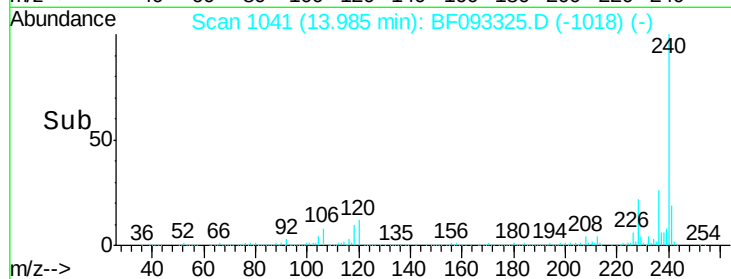
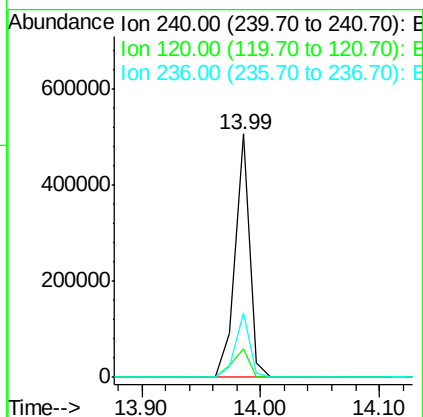
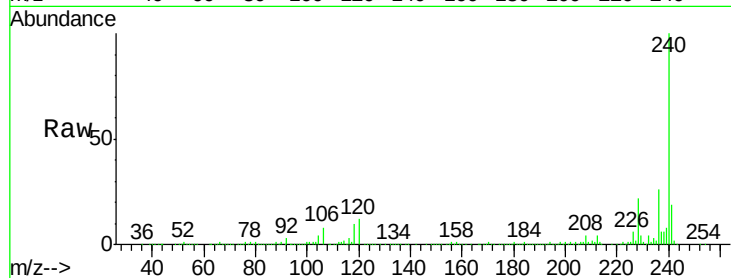




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.03 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

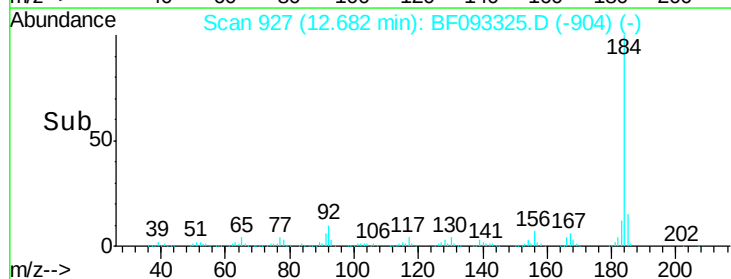
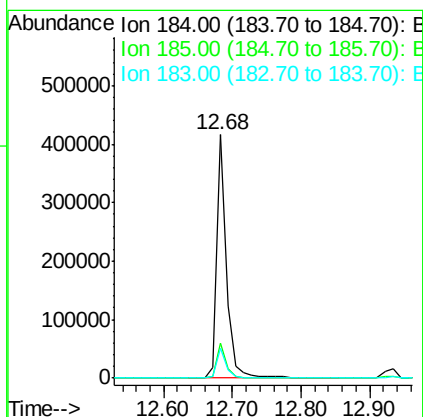
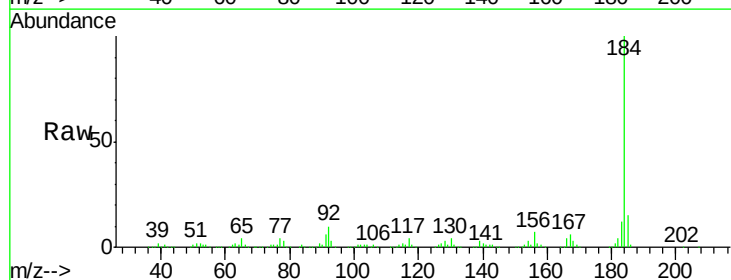
Instrument :
BNA_F
ClientSampleId :
PB97286BS

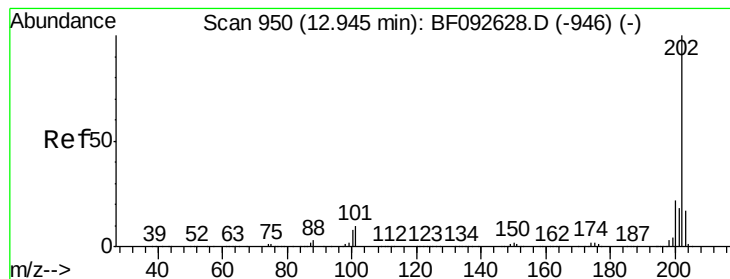
Tgt Ion:240 Resp: 434901
Ion Ratio Lower Upper
240 100
120 11.6 12.9 19.3#
236 26.4 20.9 31.3



#76
Benzidine
Concen: 22.65 ng
RT: 12.68 min Scan# 927
Delta R.T. -0.03 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

Tgt Ion:184 Resp: 419777
Ion Ratio Lower Upper
184 100
185 14.5 13.4 20.0
183 12.1 9.2 13.8





#77

Pyrene

Concen: 34.99 ng

RT: 12.79 min Scan# 936

Delta R.T. -0.03 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

Instrument :

BNA_F

ClientSampleId :

PB97286BS

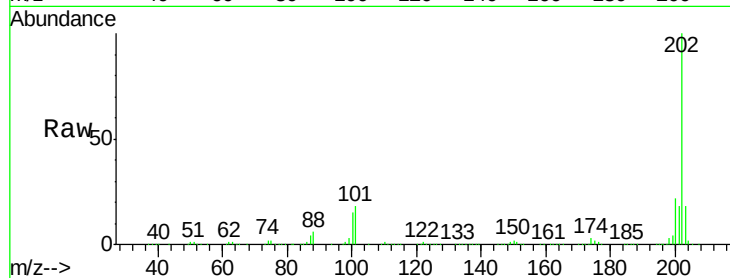
Tgt Ion:202 Resp: 1138760

Ion Ratio Lower Upper

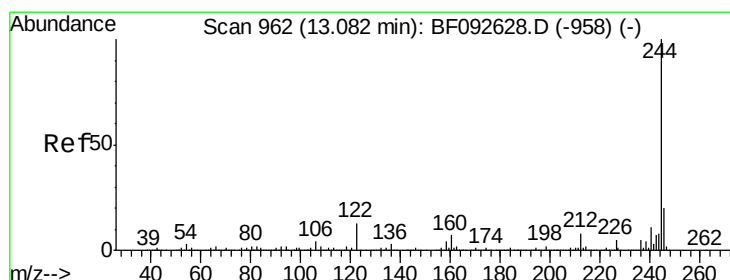
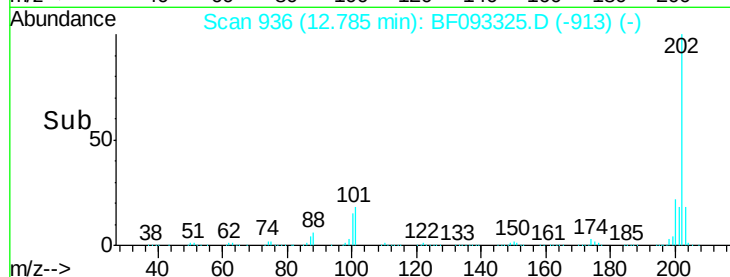
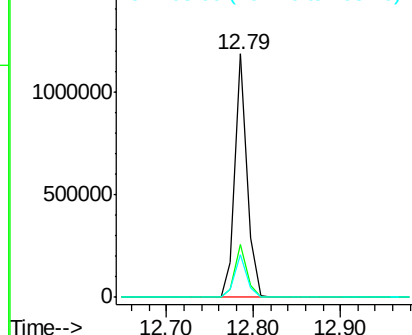
202 100

200 21.7 17.7 26.5

203 17.6 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: 78.81 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.03 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

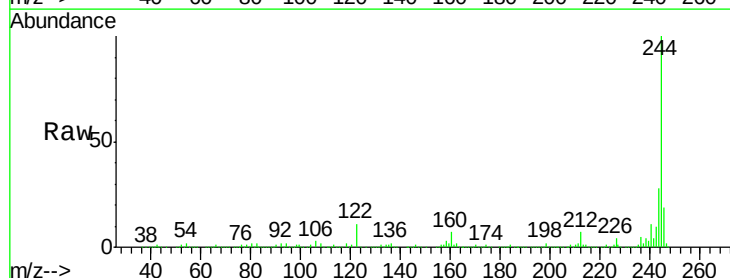
Tgt Ion:244 Resp: 1458668

Ion Ratio Lower Upper

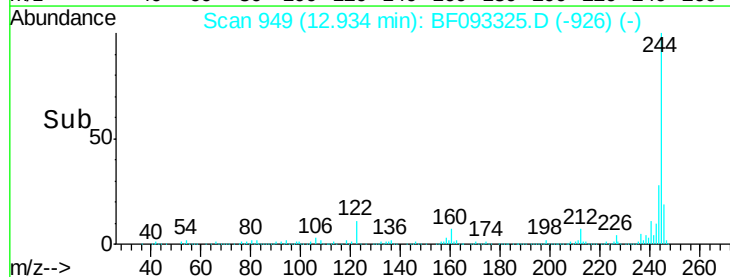
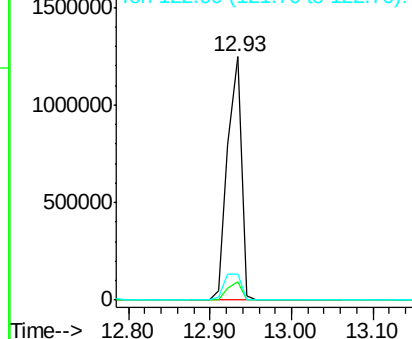
244 100

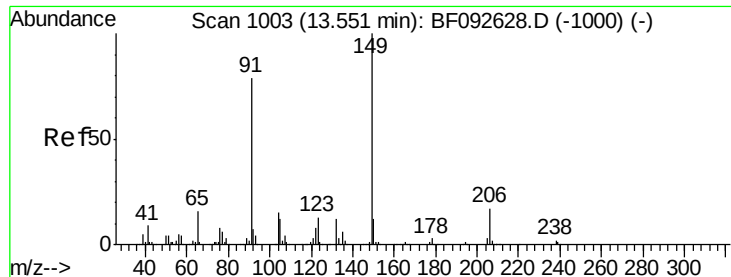
212 7.4 6.2 9.2

122 10.7 11.4 17.2#



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

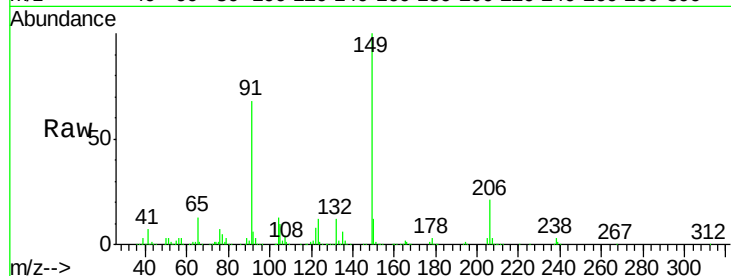




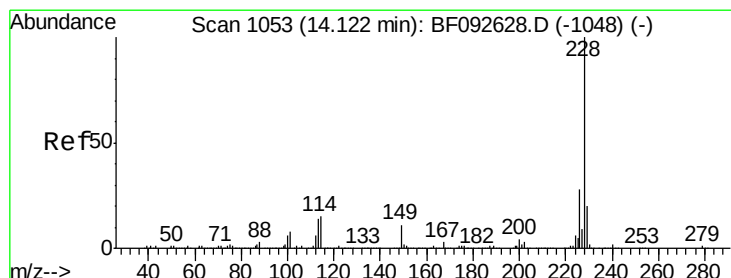
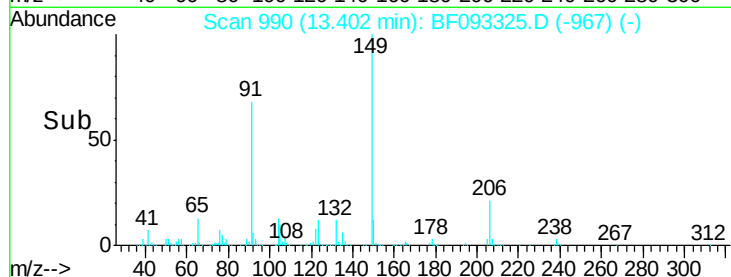
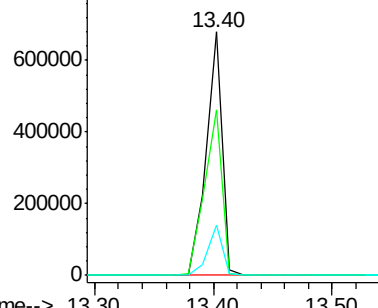
#79
Butylbenzylphthalate
Concen: 47.91 ng
RT: 13.40 min Scan# 990
Delta R.T. -0.03 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

Instrument :
BNA_F
ClientSampleId :
PB97286BS

Tgt Ion:149 Resp: 633196
Ion Ratio Lower Upper
149 100
91 68.0 63.9 95.9
206 20.6 14.6 21.8

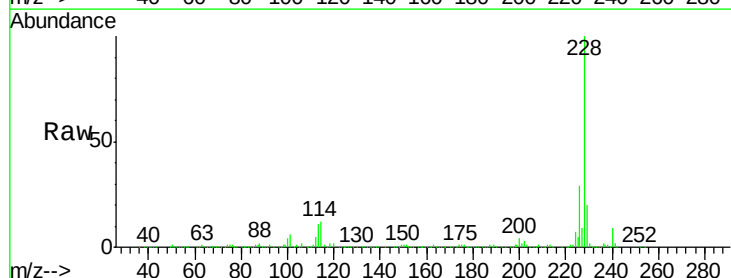


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

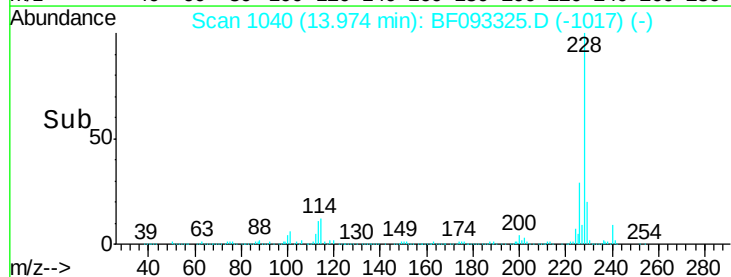
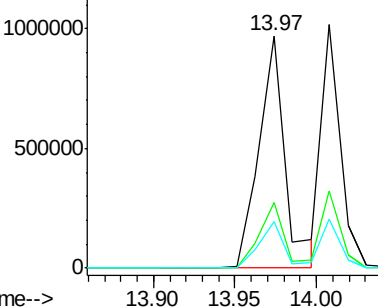


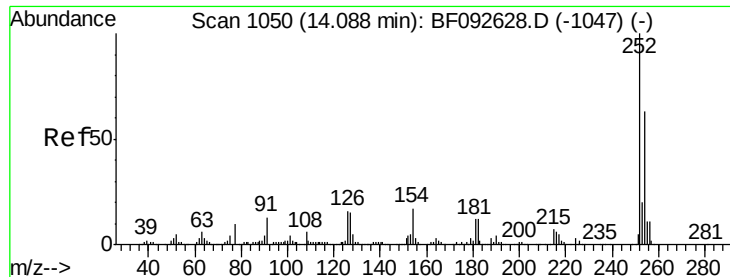
#80
Benzo(a)anthracene
Concen: 41.03 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.03 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

Tgt Ion:228 Resp: 1091242
Ion Ratio Lower Upper
228 100
226 28.5 22.4 33.6
229 20.0 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

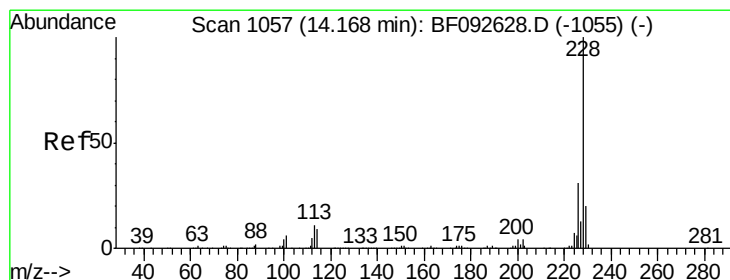
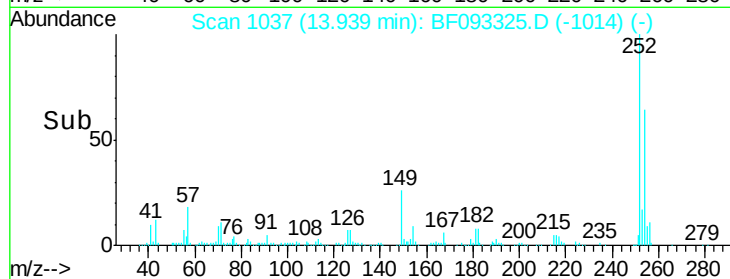
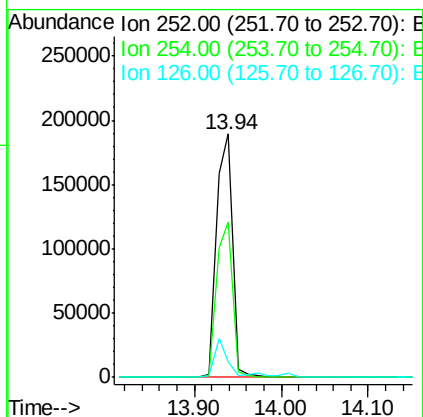
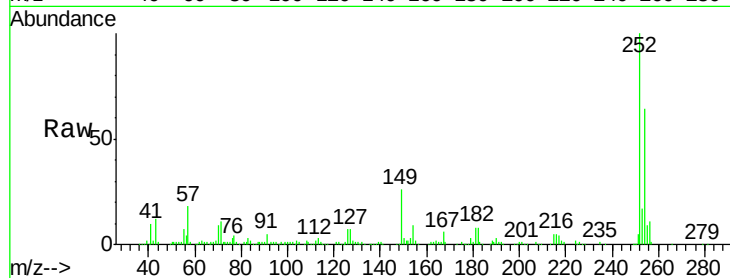




#81
 3,3'-Dichlorobenzidine
 Concen: 26.31 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.03 min
 Lab File: BF093325.D
 Acq: 2 Mar 2017 17:19

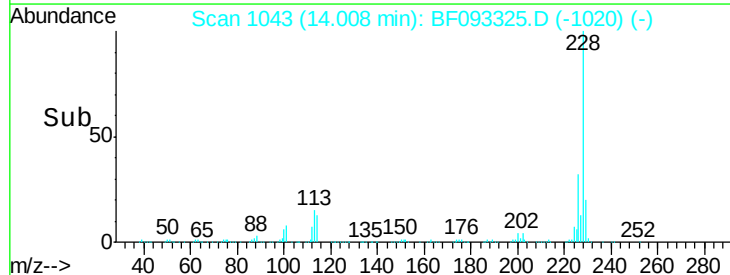
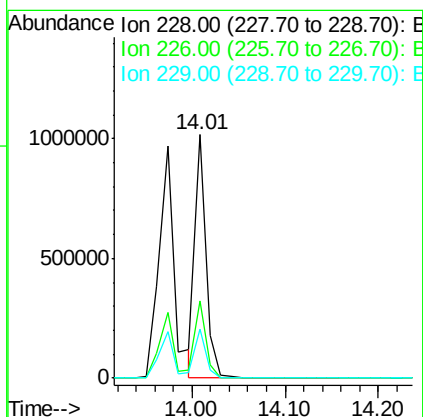
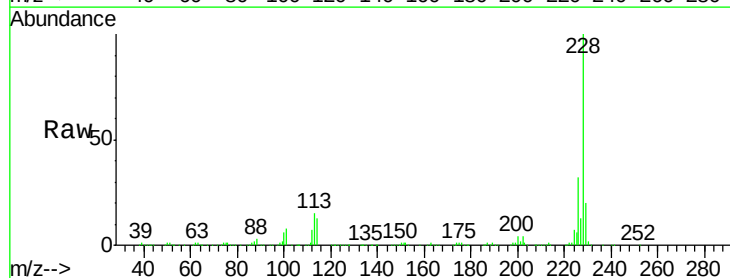
Instrument :
 BNA_F
 ClientSampleId :
 PB97286BS

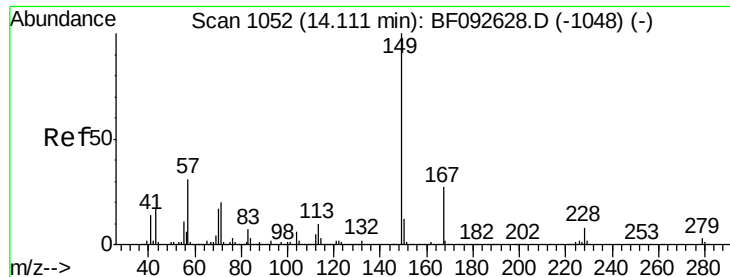
Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.9	52.3	78.5
126	6.6	13.6	20.4



#82
 Chrysene
 Concen: 33.53 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.03 min
 Lab File: BF093325.D
 Acq: 2 Mar 2017 17:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.4	38.0
229	20.0	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.42 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.05 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

Instrument :

BNA_F

ClientSampleId :

PB97286BS

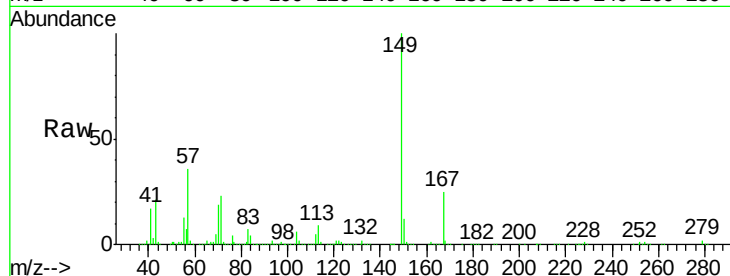
Tgt Ion:149 Resp: 802921

Ion Ratio Lower Upper

149 100

167 25.4 20.2 30.4

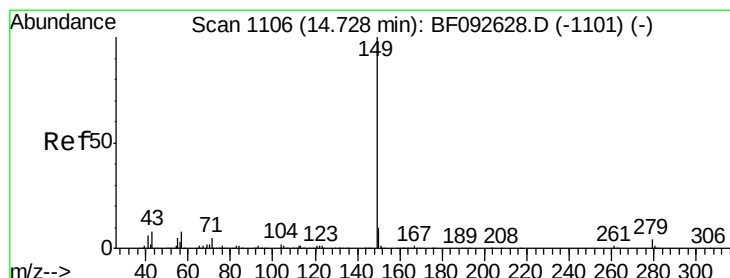
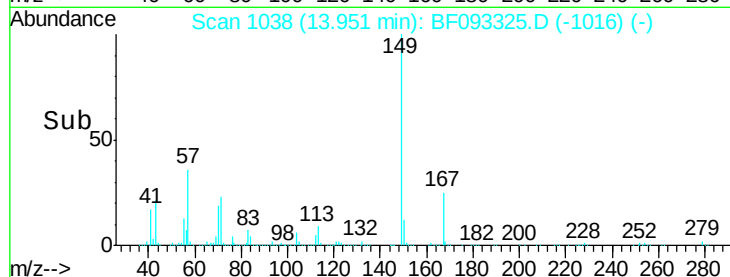
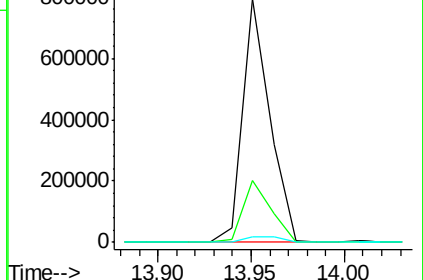
279 2.2 1.8 2.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 47.17 ng

RT: 14.57 min Scan# 1092

Delta R.T. -0.03 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

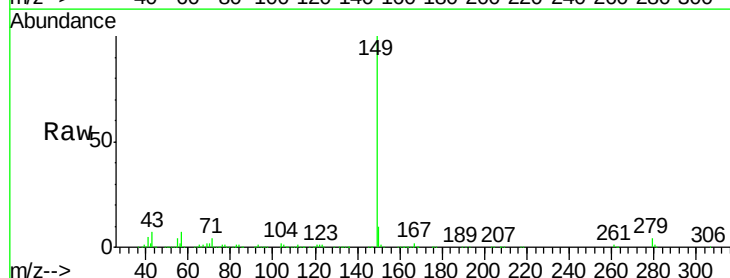
Tgt Ion:149 Resp: 1388465

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

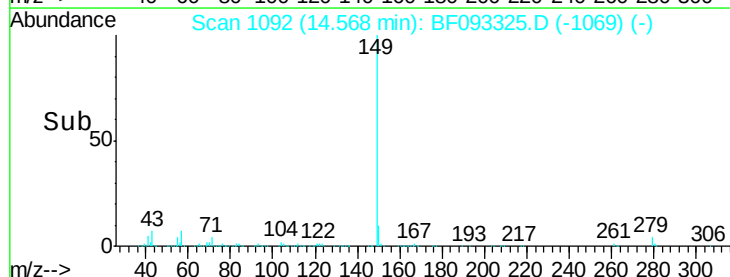
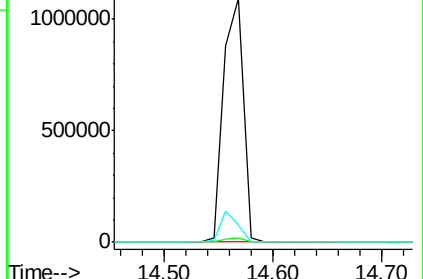
43 11.1 8.9 13.3

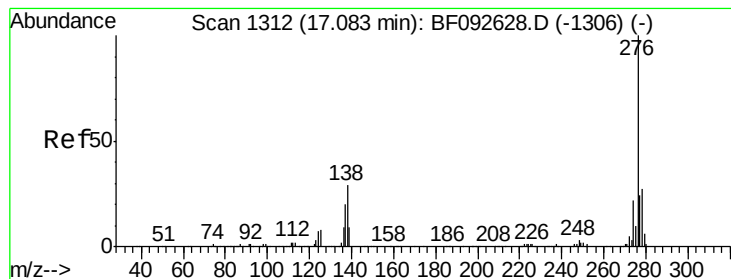


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 38.53 ng

RT: 16.80 min Scan# 1287

Delta R.T. -0.06 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

Instrument :

BNA_F

ClientSampleId :

PB97286BS

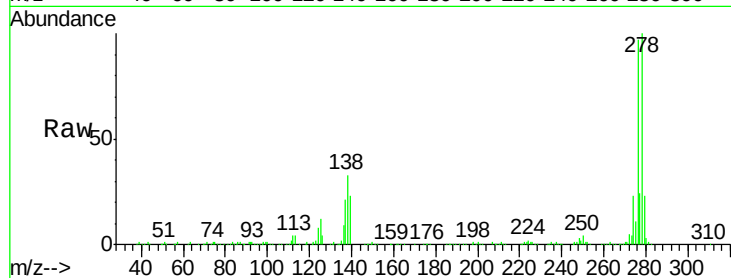
Tgt Ion:276 Resp: 743235

Ion Ratio Lower Upper

276 100

138 33.0 21.8 32.6#

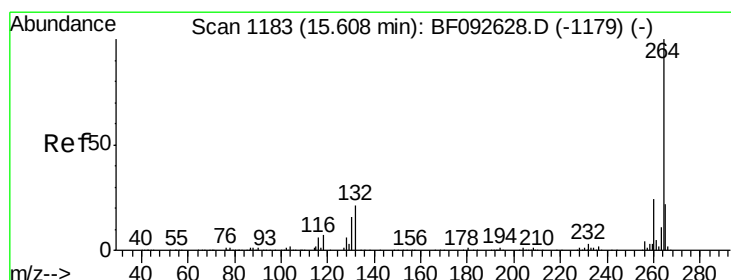
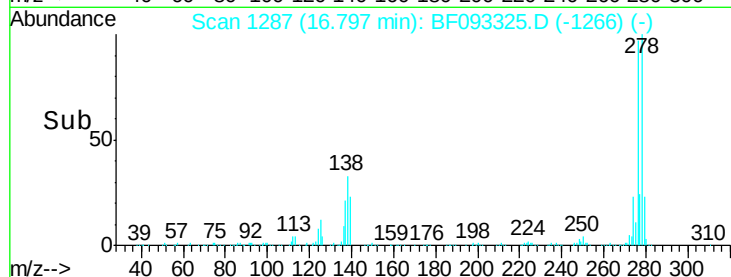
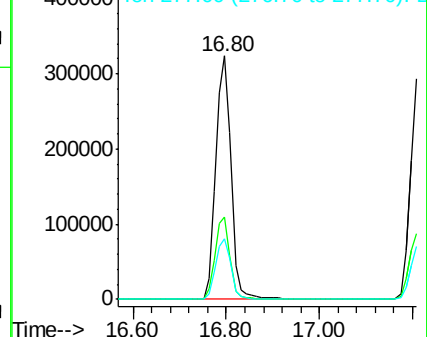
277 25.0 20.2 30.4



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: 15.40 min Scan# 1165

Delta R.T. -0.05 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

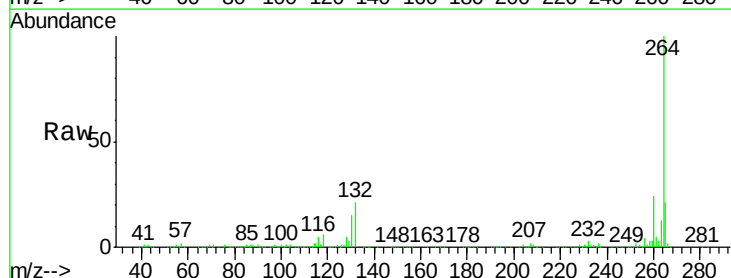
Tgt Ion:264 Resp: 331464

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

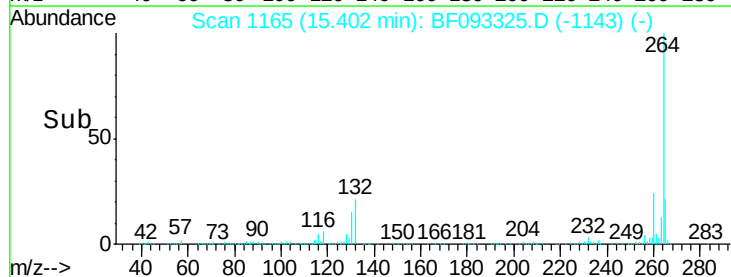
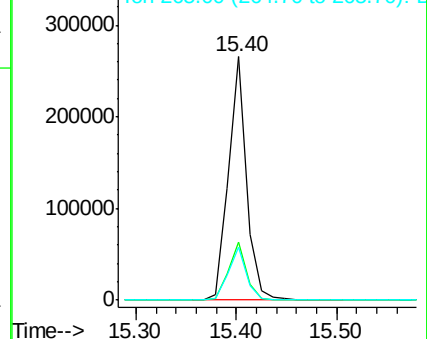
265 21.5 17.4 26.0

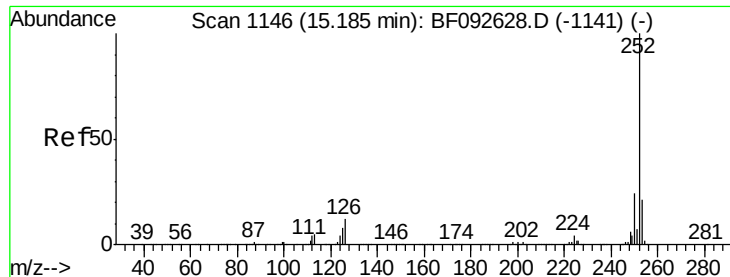


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

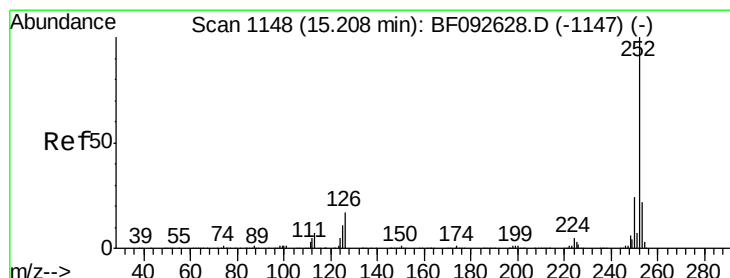
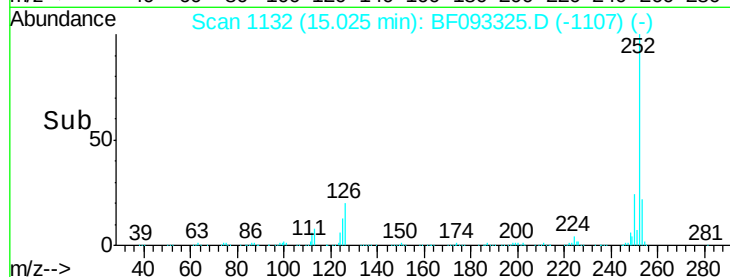
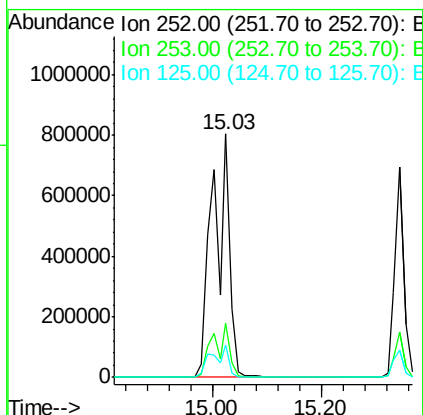
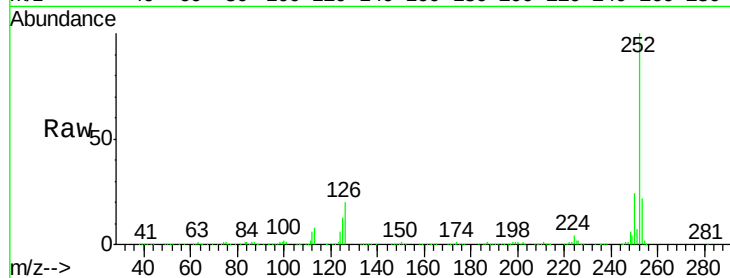




#87
Benzo(b)fluoranthene
Concen: 80.26 ng
RT: 15.03 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

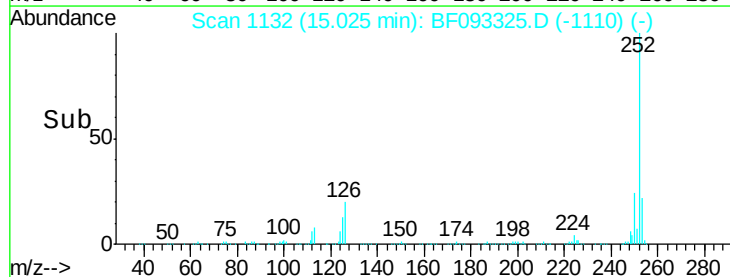
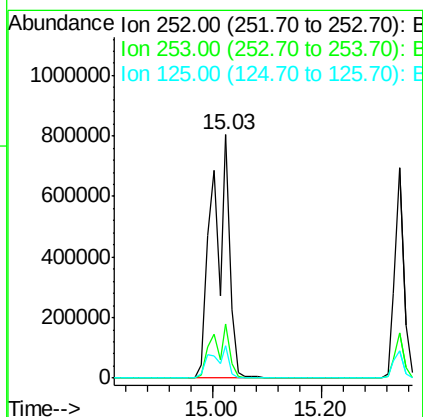
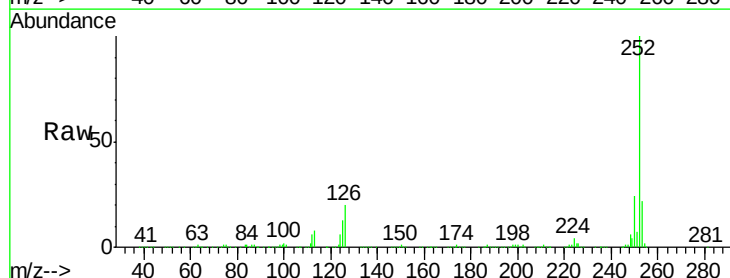
Instrument :
BNA_F
ClientSampleId :
PB97286BS

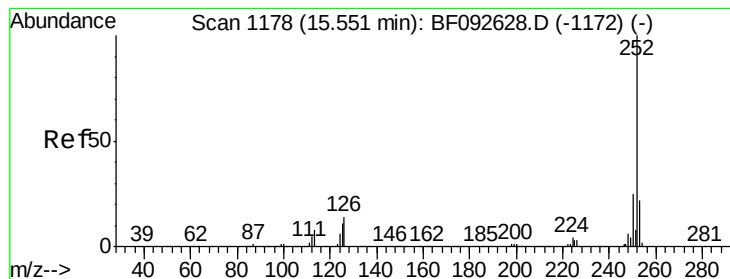
Tgt Ion:252 Resp: 1750987
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.4
125 13.3 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 92.95 ng
RT: 15.03 min Scan# 1132
Delta R.T. -0.05 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

Tgt Ion:252 Resp: 1750987
Ion Ratio Lower Upper
252 100
253 22.3 18.5 27.7
125 13.3 8.9 13.3





#89

Benzo(a)pyrene

Concen: 43.70 ng

RT: 15.35 min Scan# 1160

Delta R.T. -0.05 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

Instrument :

BNA_F

ClientSampleId :

PB97286BS

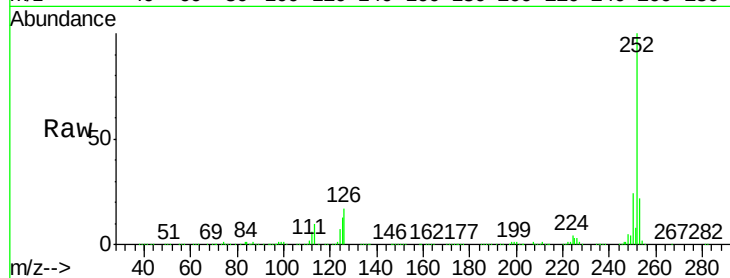
Tgt Ion:252 Resp: 824663

Ion Ratio Lower Upper

252 100

253 21.7 18.2 27.2

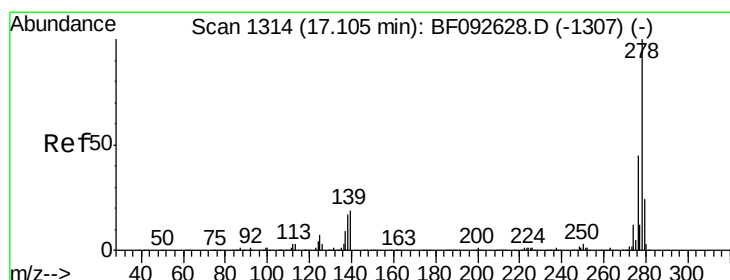
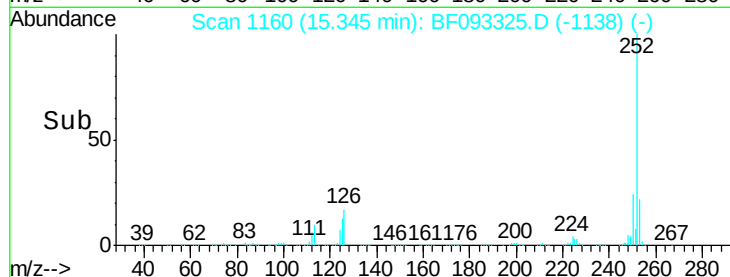
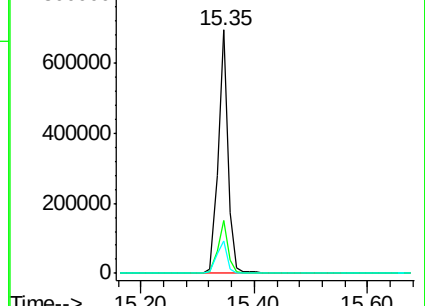
125 13.2 10.0 15.0



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: 40.83 ng

RT: 16.80 min Scan# 1287

Delta R.T. -0.07 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

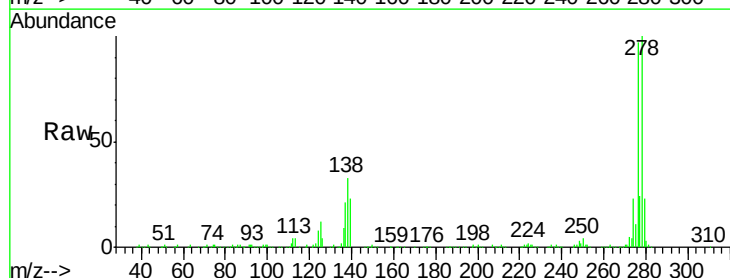
Tgt Ion:278 Resp: 622785

Ion Ratio Lower Upper

278 100

139 22.9 14.8 22.2#

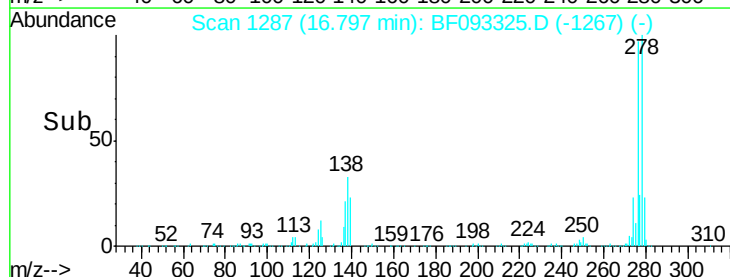
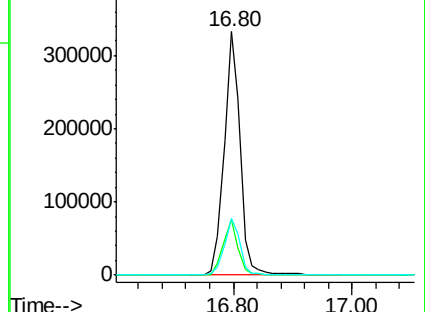
279 23.4 19.8 29.6

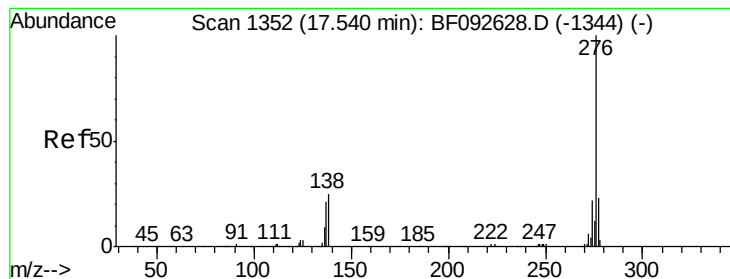


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 40.60 ng

RT: 17.21 min Scan# 1323

Delta R.T. -0.08 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

Instrument :

BNA_F

ClientSampleId :

PB97286BS

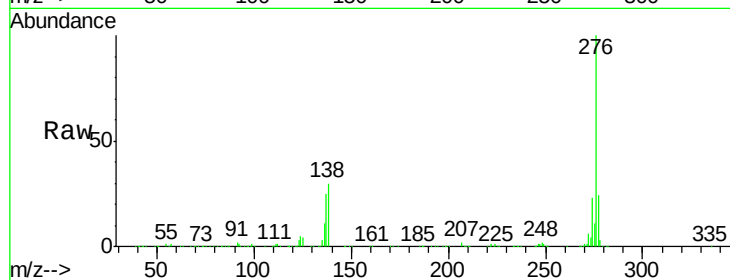
Tgt Ion: 276 Resp: 625531

Ion Ratio Lower Upper

276 100

277 23.9 19.2 28.8

138 29.9 16.0 24.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

