

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030317\
 Data File : BF093373.D
 Acq On : 3 Mar 2017 21:56
 Operator : SJ/MA
 Sample : I2086-05MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SRI-MW-4-20170302MSD

Quant Time: Mar 03 22:50:41 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	6.78	152	197439	20.00	ng	-0.07
21) Naphthalene-d8	8.08	136	797734	20.00	ng	-0.07
38) Acenaphthene-d10	9.82	164	369989	20.00	ng	-0.07
63) Phenanthrene-d10	11.31	188	659347	20.00	ng	-0.07
75) Chrysene-d12	13.95	240	500275	20.00	ng	-0.07
86) Perylene-d12	15.36	264	364294	20.00	ng	-0.09

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	725471	63.04	ng	-0.07
7) Phenol-d6	6.43	99	591703	39.96	ng	-0.06
23) Nitrobenzene-d5	7.37	82	1315028	91.80	ng	-0.06
41) 2,4,6-Tribromophenol	10.62	330	377089	140.92	ng	-0.06
44) 2-Fluorobiphenyl	9.15	172	1794888	87.89	ng	-0.07
78) Terphenyl-d14	12.89	244	1467889	68.94	ng	-0.08

Target Compounds						Qvalue
2) 1,4-Dioxane	2.34	88	96099	15.45	ng	# 85
3) Pyridine	3.07	79	217337	13.74	ng	# 86
4) n-Nitrosodimethylamine	3.00	42	125264	16.87	ng	# 88
6) Aniline	6.44	93	424435	21.01	ng	# 67
8) 2-Chlorophenol	6.57	128	440269	34.68	ng	86
9) Benzaldehyde	6.33	77	160115	15.09	ng	84
10) Phenol	6.45	94	254566	14.69	ng	# 76
11) bis(2-Chloroethyl)ether	6.52	93	571346	41.32	ng	96
12) 1,3-Dichlorobenzene	6.72	146	519741	34.95	ng	# 89
13) 1,4-Dichlorobenzene	6.80	146	534316	35.50	ng	99
14) 1,2-Dichlorobenzene	6.96	146	515258	35.80	ng	97
15) Benzyl Alcohol	6.94	79	279808	25.52	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	932386	38.81	ng	87
17) 2-Methylphenol	7.06	107	302138	27.74	ng	# 91
18) Hexachloroethane	7.30	117	175961	34.25	ng	# 88
19) n-Nitroso-di-n-propylamine	7.21	70	422807	44.86	ng	93
20) 3+4-Methylphenols	7.22	107	377685	29.00	ng	# 77
22) Acetophenone	7.21	105	807714	44.35	ng	# 96
24) Nitrobenzene	7.38	77	586241	39.85	ng	100
25) Isophorone	7.62	82	1183221	44.33	ng	95
26) 2-Nitrophenol	7.70	139	321780	46.02	ng	95
27) 2,4-Dimethylphenol	7.74	122	474858	38.67	ng	98
28) bis(2-Chloroethoxy)methane	7.84	93	776684	43.93	ng	100
29) 2,4-Dichlorophenol	7.95	162	446305	38.97	ng	96
30) 1,2,4-Trichlorobenzene	8.02	180	453813	36.77	ng	96
31) Naphthalene	8.10	128	1554599	38.44	ng	98
32) Benzoic acid	7.86	122	80352	16.99	ng	95
33) 4-Chloroaniline	8.16	127	374441	23.61	ng	99
34) Hexachlorobutadiene	8.21	225	231987	34.16	ng	97
35) Caprolactam	8.54	113	24186	6.71	ng	# 51
36) 4-Chloro-3-methylphenol	8.65	107	474972	39.78	ng	94
37) 2-Methylnaphthalene	8.78	142	971684	37.42	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	469139	45.17	ng	99
40) Hexachlorocyclopentadiene	8.93	237	211592	45.16	ng	96

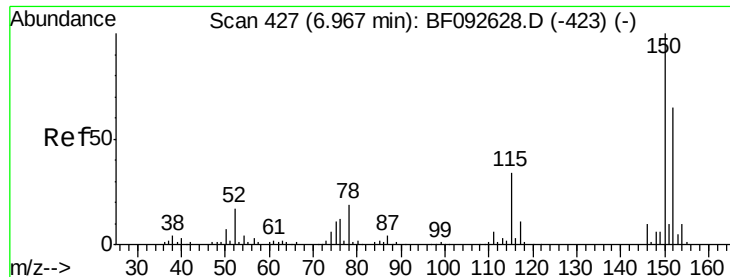
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030317\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	313973	46.01	ng	91
43) 2,4,5-Trichlorophenol	9.13	196	331551	44.34	ng	# 86
45) 1,1'-Biphenyl	9.25	154	1306905	48.78	ng	99
46) 2-Chloronaphthalene	9.28	162	980807	46.80	ng	97
47) 2-Nitroaniline	9.38	65	340052	48.26	ng	92
48) Acenaphthylene	9.69	152	1413156	39.03	ng	99
49) Dimethylphthalate	9.56	163	1330883	53.40	ng	100
50) 2,6-Dinitrotoluene	9.63	165	293053	54.45	ng	# 86
51) Acenaphthene	9.86	154	873667	40.36	ng	96
52) 3-Nitroaniline	9.79	138	148586	24.12	ng	91
53) 2,4-Dinitrophenol	9.92	184	259711	93.98	ng	# 76
54) Dibenzofuran	10.03	168	1216663	42.02	ng	96
55) 4-Nitrophenol	9.98	139	86761	19.56	ng	89
56) 2,4-Dinitrotoluene	10.03	165	288362	40.24	ng	# 71
57) Fluorene	10.37	166	980753	44.03	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	255539	51.23	ng	95
59) Diethylphthalate	10.25	149	1070959	45.60	ng	100
60) 4-Chlorophenyl-phenylether	10.36	204	446016	41.68	ng	92
61) 4-Nitroaniline	10.41	138	237971	37.72	ng	94
62) Azobenzene	10.52	77	1255398	51.74	ng	97
64) 4,6-Dinitro-2-methylphenol	10.45	198	174894	43.82	ng	91
65) n-Nitrosodiphenylamine	10.49	169	860108	40.84	ng	98
66) 4-Bromophenyl-phenylether	10.85	248	300031	43.55	ng	92
67) Hexachlorobenzene	10.92	284	276126	40.56	ng	# 88
68) Atrazine	11.01	200	292417	43.26	ng	98
69) Pentachlorophenol	11.13	266	241348	69.70	ng	98
70) Phenanthrene	11.33	178	1433591	37.95	ng	99
71) Anthracene	11.39	178	1646635	43.41	ng	98
72) Carbazole	11.55	167	1485288	40.96	ng	98
73) Di-n-butylphthalate	11.87	149	1870954	47.71	ng	# 97
74) Fluoranthene	12.52	202	1601908	41.11	ng	96
76) Benzidine	12.65	184	470150	22.05	ng	96
77) Pyrene	12.75	202	1568319	41.89	ng	99
79) Butylbenzylphthalate	13.36	149	737312	48.50	ng	95
80) Benzo(a)anthracene	13.94	228	1225162	40.04	ng	99
81) 3,3'-Dichlorobenzidine	13.89	252	288779	26.48	ng	98
82) Chrysene	13.97	228	1086437	37.92	ng	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	926725	44.57	ng	98
84) Di-n-octyl phthalate	14.52	149	1479932	43.71	ng	98
85) Indeno(1,2,3-cd)pyrene	16.74	276	879130	39.62	ng	# 94
87) Benzo(b)fluoranthene	14.99	252	1942416	81.01	ng	97
88) Benzo(k)fluoranthene	14.99	252	1942867	93.84	ng	98
89) Benzo(a)pyrene	15.30	252	894302	43.12	ng	# 95
90) Dibenzo(a,h)anthracene	16.74	278	738046	44.03	ng	# 93
91) Benzo(g,h,i)perylene	17.15	276	779995	46.06	ng	# 91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.07 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

Instrument :

BNA_F

ClientSampleId :

SRI-MW-4-20170302MSD

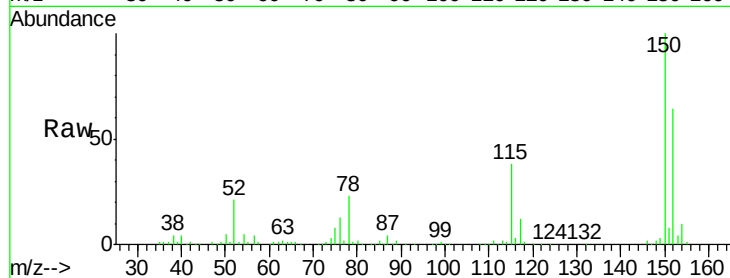
Tgt Ion:152 Resp: 197439

Ion Ratio Lower Upper

152 100

150 156.4 124.9 187.3

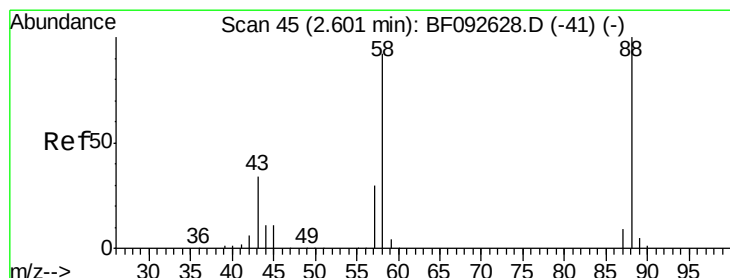
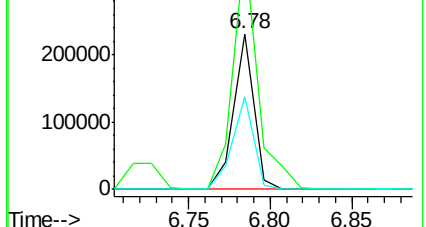
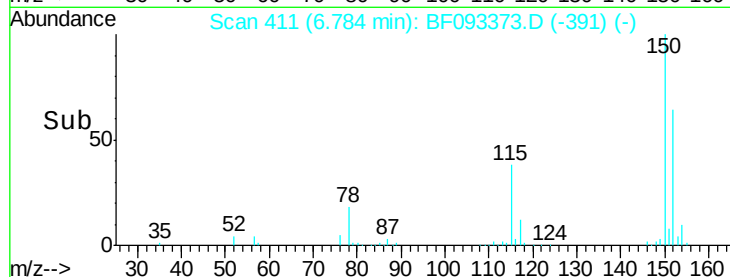
115 59.5 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 15.45 ng

RT: 2.34 min Scan# 22

Delta R.T. -0.09 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

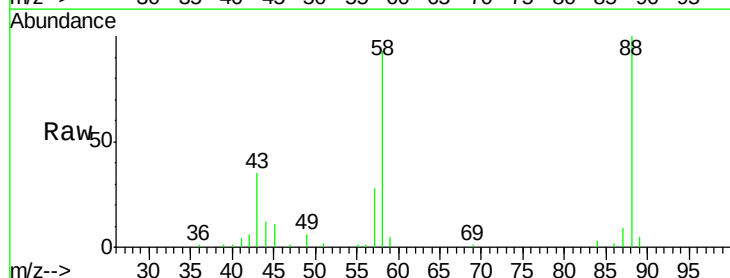
Tgt Ion: 88 Resp: 96099

Ion Ratio Lower Upper

88 100

58 85.6 57.8 86.8

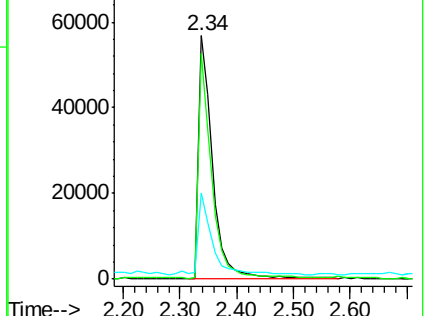
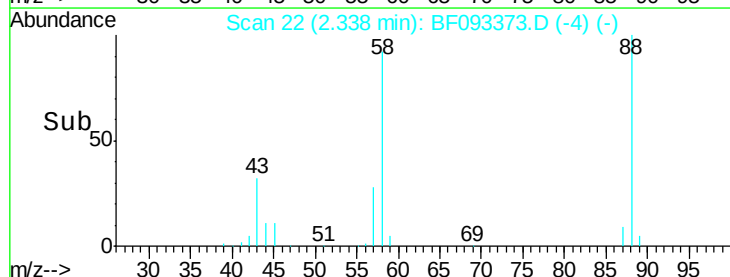
43 33.6 22.3 33.5#

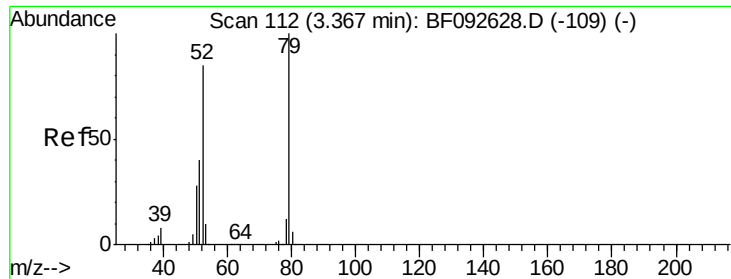


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 13.74 ng

RT: 3.07 min Scan# 86

Delta R.T. -0.08 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

Instrument :

BNA_F

ClientSampleId :

SRI-MW-4-20170302MSD

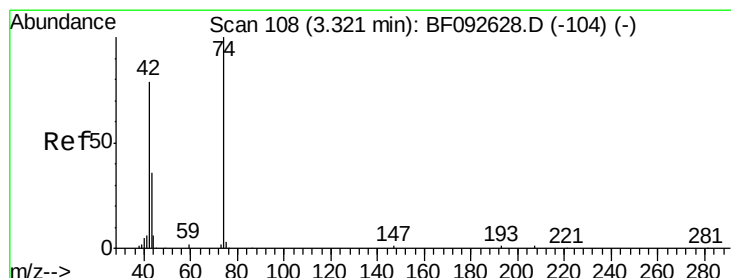
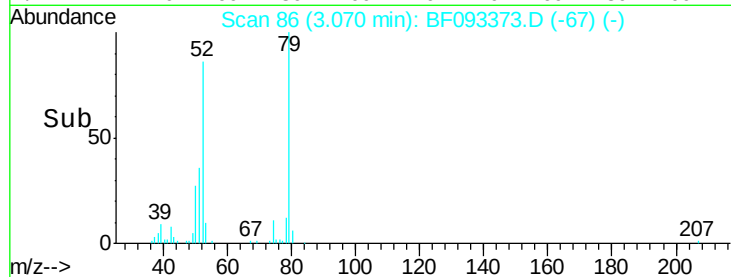
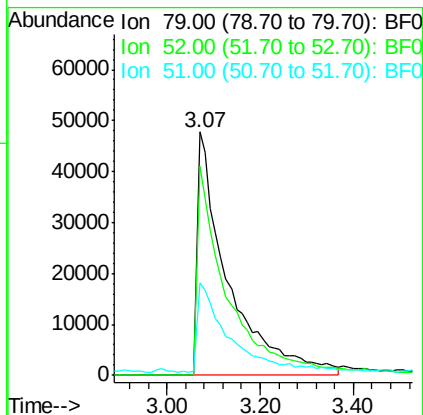
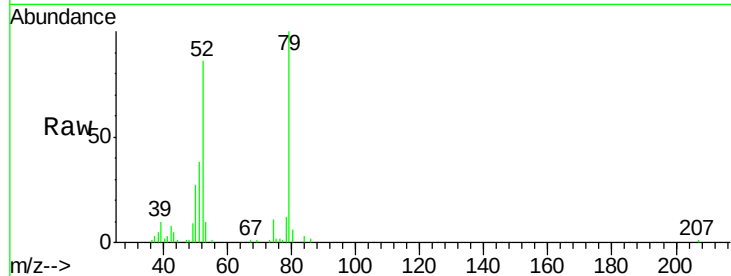
Tgt Ion: 79 Resp: 217337

Ion Ratio Lower Upper

79 100

52 86.0 57.1 85.7#

51 37.8 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 16.87 ng

RT: 3.00 min Scan# 80

Delta R.T. -0.10 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

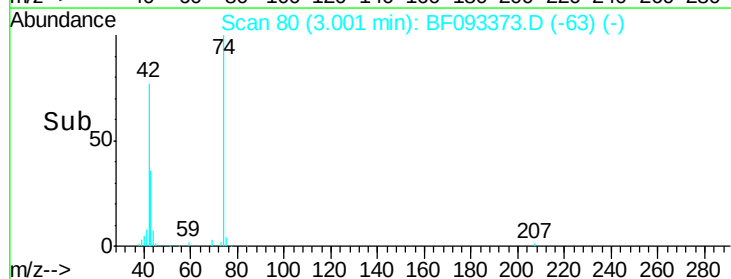
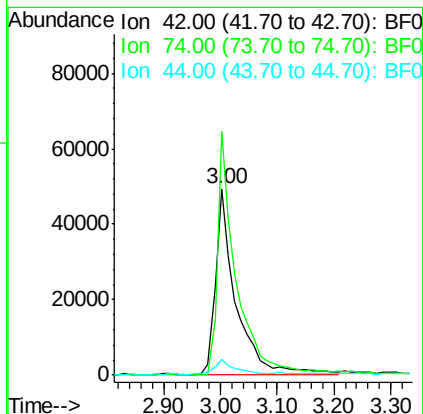
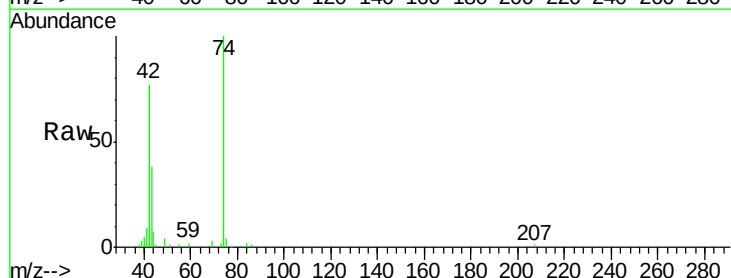
Tgt Ion: 42 Resp: 125264

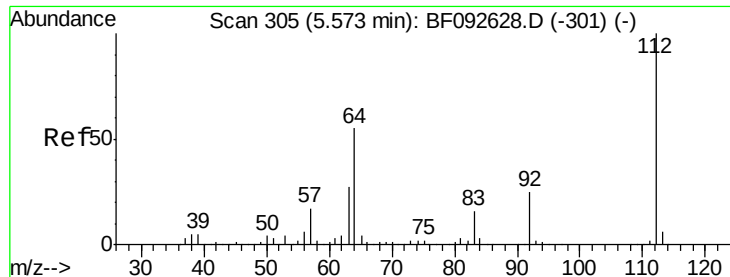
Ion Ratio Lower Upper

42 100

74 130.5 117.0 175.4

44 8.6 5.5 8.3#

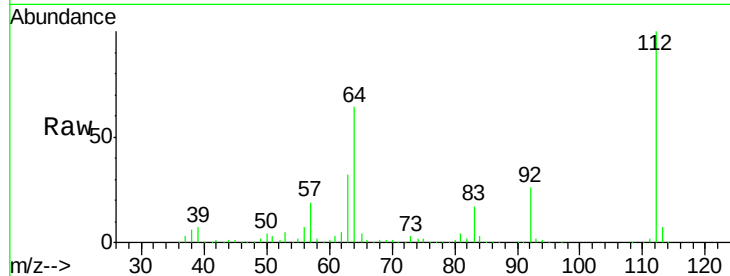




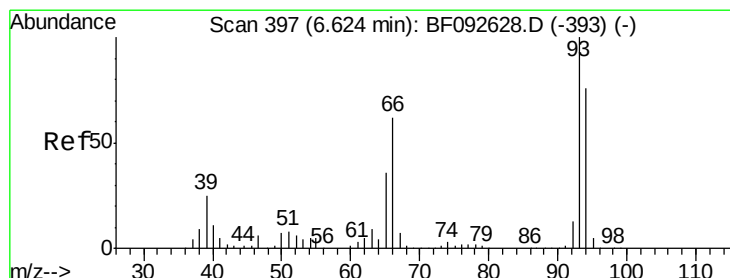
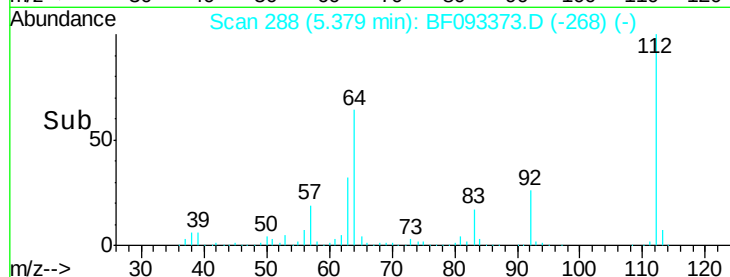
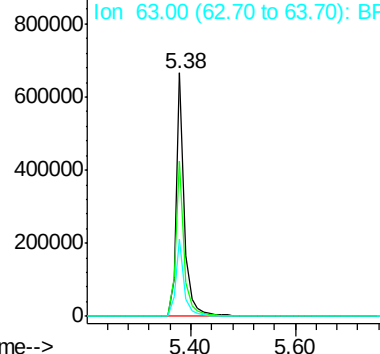
#5
 2-Fluorophenol
 Concen: 63.04 ng
 RT: 5.38 min Scan# 288
 Delta R.T. -0.07 min
 Lab File: BF093373.D
 Acq: 3 Mar 2017 21:56

Instrument :
 BNA_F
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 SRI-MW-4-20170302MSD

Tgt Ion: 112 Resp: 725471
 Ion Ratio Lower Upper
 112 100
 64 63.8 46.1 69.1
 63 31.8 23.8 35.6

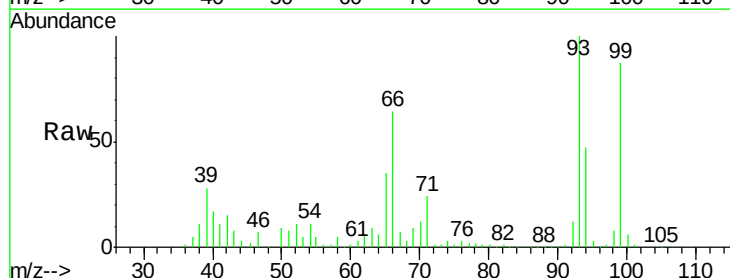


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

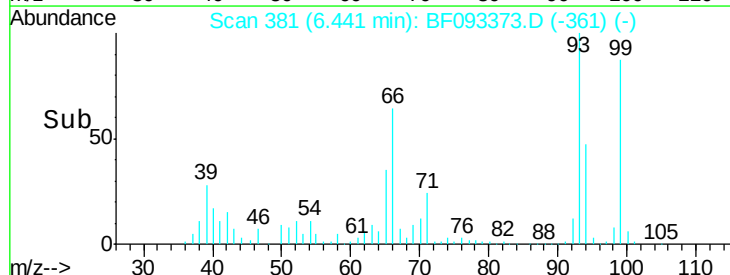
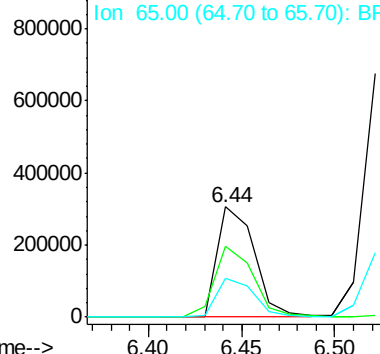


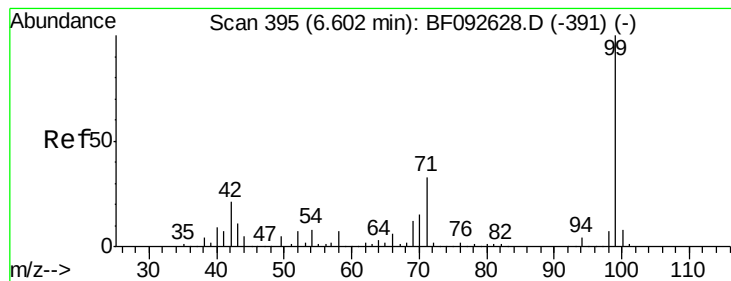
#6
 Aniline
 Concen: 21.01 ng
 RT: 6.44 min Scan# 381
 Delta R.T. -0.07 min
 Lab File: BF093373.D
 Acq: 3 Mar 2017 21:56

Tgt Ion: 93 Resp: 424435
 Ion Ratio Lower Upper
 93 100
 66 63.8 76.2 114.2#
 65 35.0 49.3 73.9#



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 66.00 (65.70 to 66.70): BF0
 Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 39.96 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.06 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

Instrument :

BNA_F

ClientSampleId :

SRI-MW-4-20170302MSD

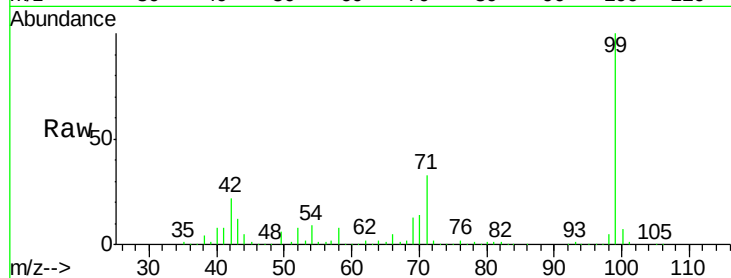
Tgt Ion: 99 Resp: 591703

Ion Ratio Lower Upper

99 100

42 22.3 15.6 23.4

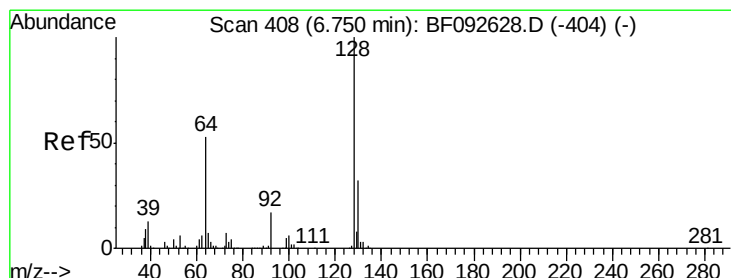
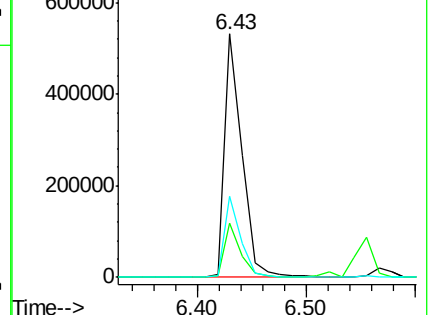
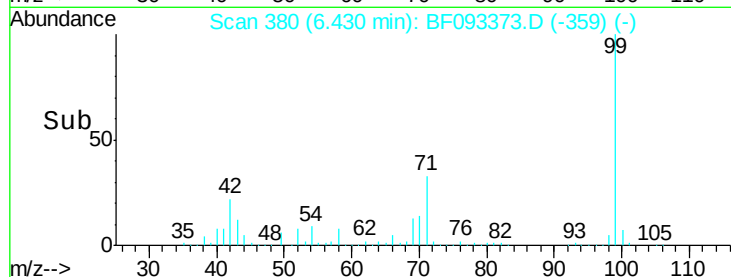
71 33.4 27.5 41.3



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: 34.68 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.07 min

Lab File: BF093373.D

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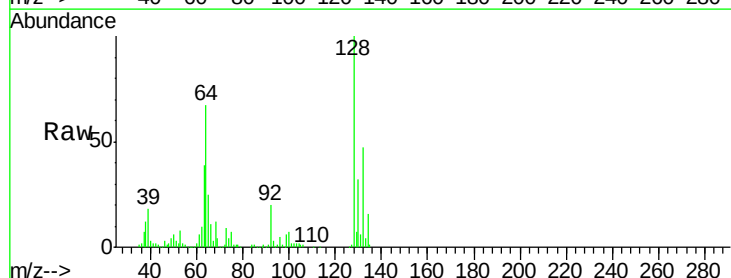
Tgt Ion: 128 Resp: 440269

Ion Ratio Lower Upper

128 100

130 31.8 12.3 52.3

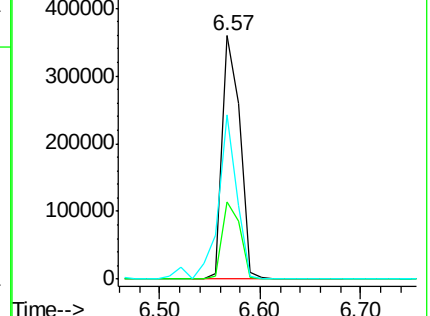
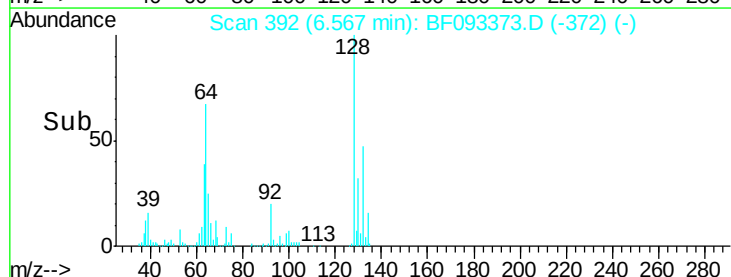
64 67.4 32.2 72.2

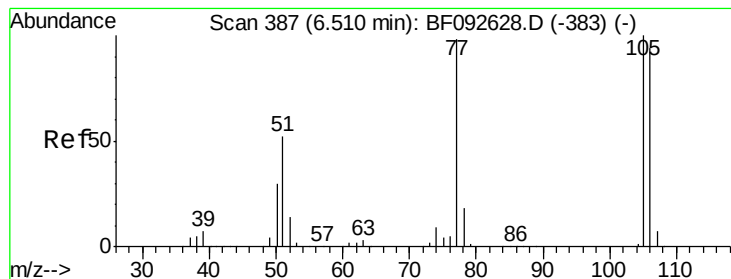


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 15.09 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.07 min

Lab File: BF093373.D

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ClientSampleId :

SRI-MW-4-20170302MSD

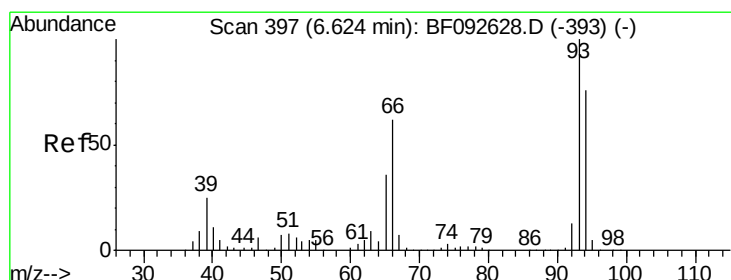
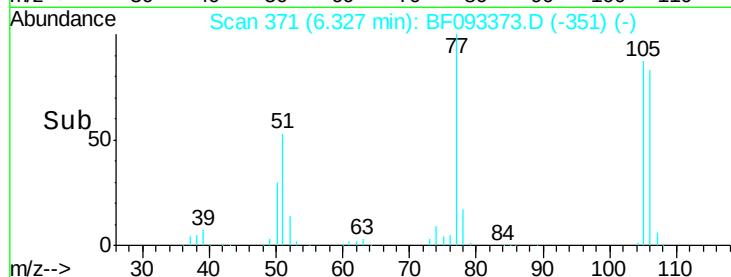
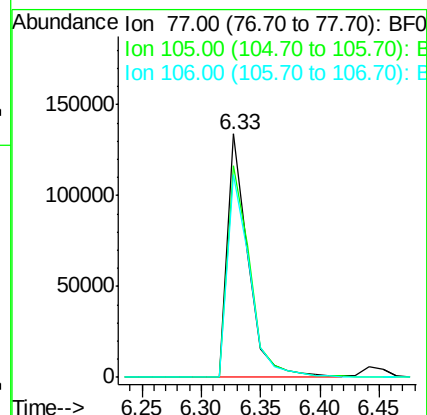
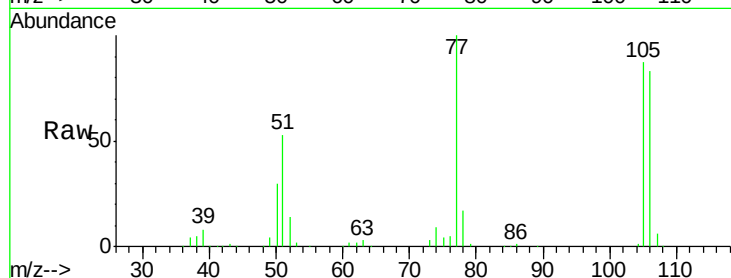
Tgt Ion: 77 Resp: 160115

Ion Ratio Lower Upper

77 100

105 87.1 83.9 123.9

106 83.2 77.6 117.6



#10

Phenol

Concen: 14.69 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.06 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

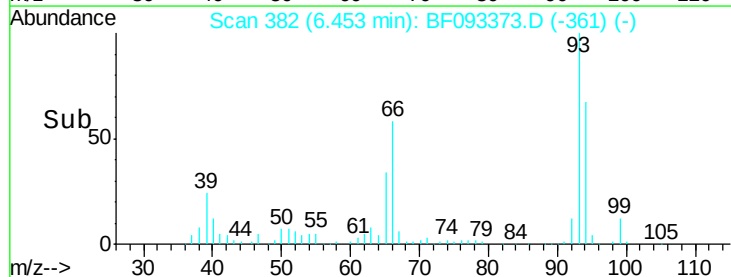
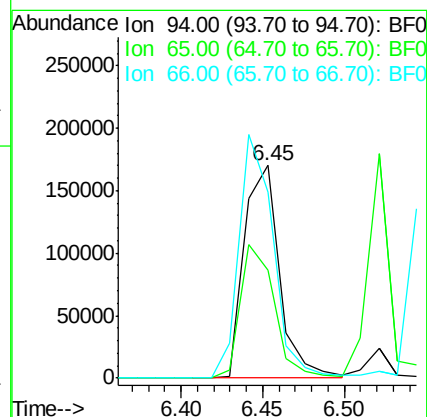
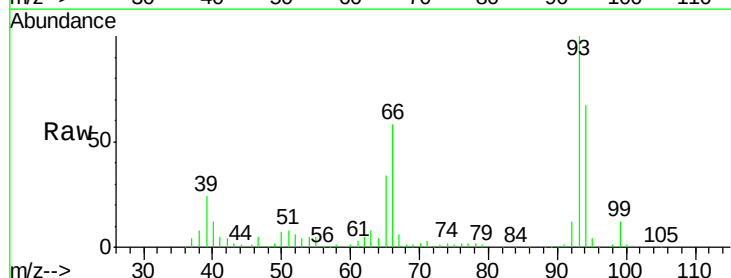
Tgt Ion: 94 Resp: 254566

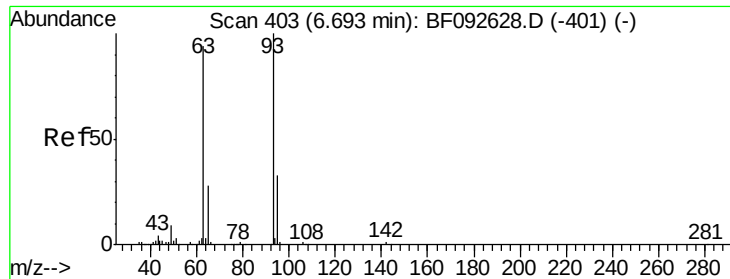
Ion Ratio Lower Upper

94 100

65 50.5 21.4 61.4

66 87.5 44.0 84.0#

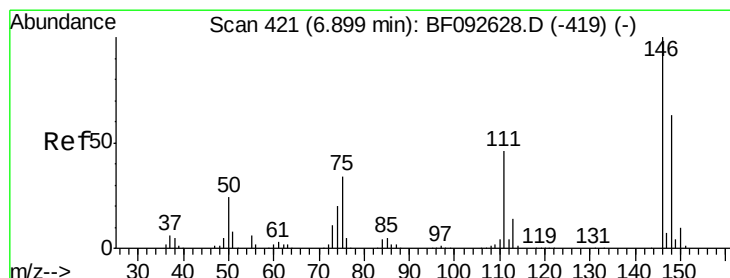
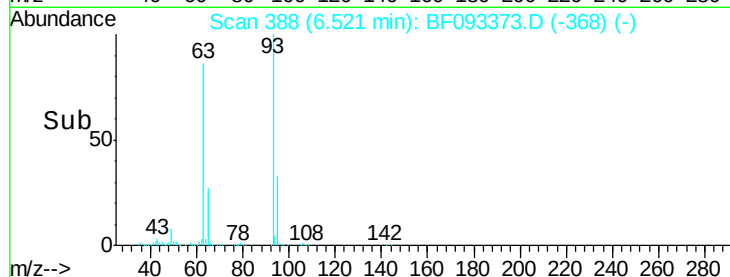
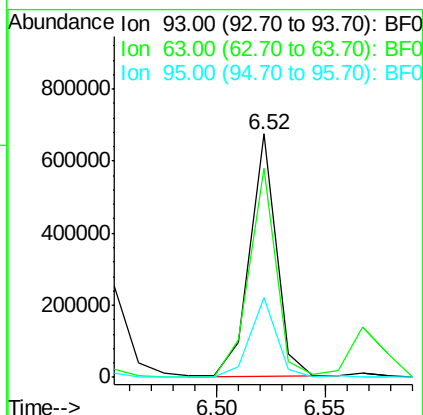
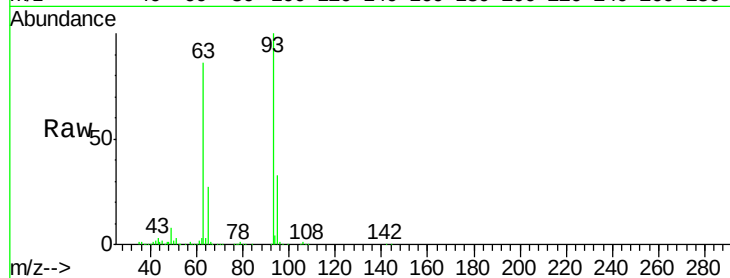




#11
bis(2-Chloroethyl)ether
Concen: 41.32 ng
RT: 6.52 min Scan# 388
Delta R.T. -0.07 min
Lab File: BF093373.D
Acq: 3 Mar 2017 21:56

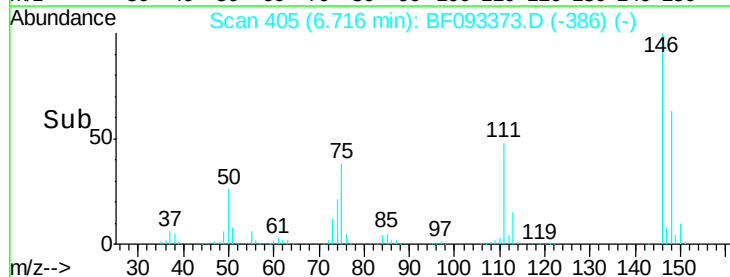
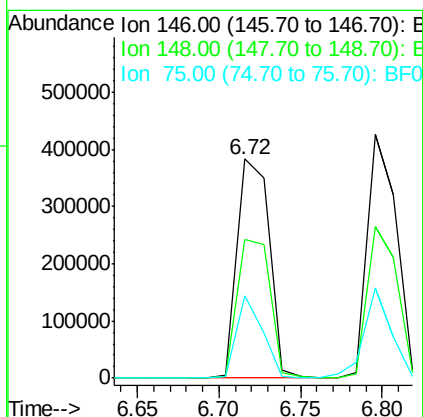
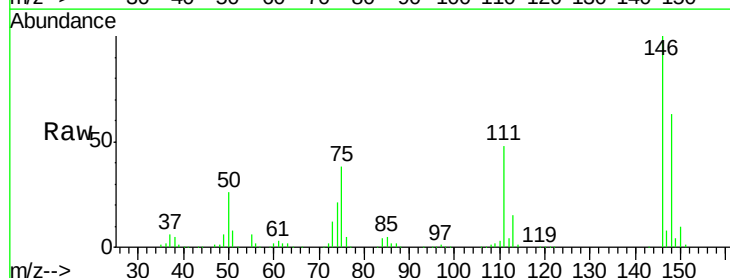
Instrument :
BNA_F
ClientSampleId :
SRI-MW-4-20170302MSD

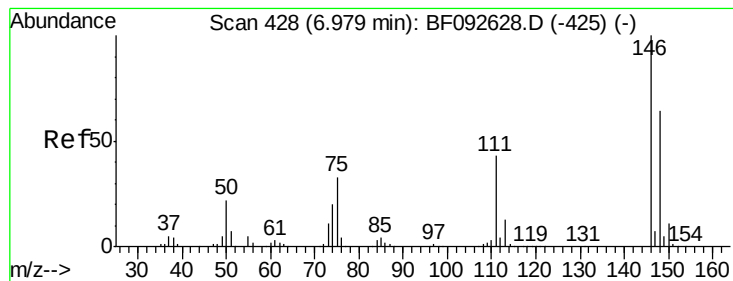
Tgt Ion: 93 Resp: 571346
Ion Ratio Lower Upper
93 100
63 85.7 60.4 100.4
95 32.6 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 34.95 ng
RT: 6.72 min Scan# 405
Delta R.T. -0.08 min
Lab File: BF093373.D
Acq: 3 Mar 2017 21:56

Tgt Ion: 146 Resp: 519741
Ion Ratio Lower Upper
146 100
148 63.2 53.4 80.0
75 37.7 18.5 27.7#





#13

1,4-Dichlorobenzene

Concen: 35.50 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.08 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

Instrument :

BNA_F

ClientSampleId :

SRI-MW-4-20170302MSD

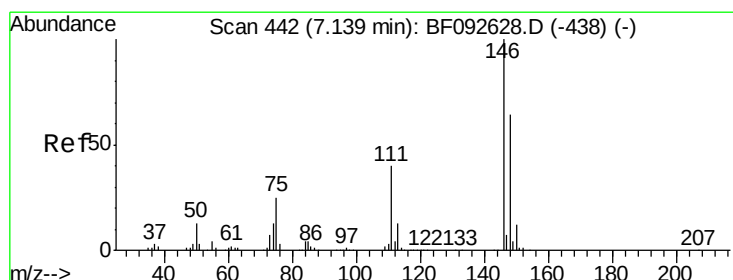
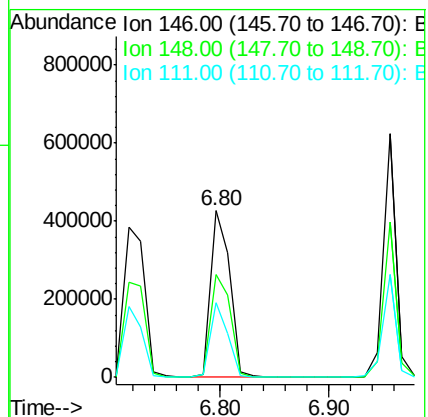
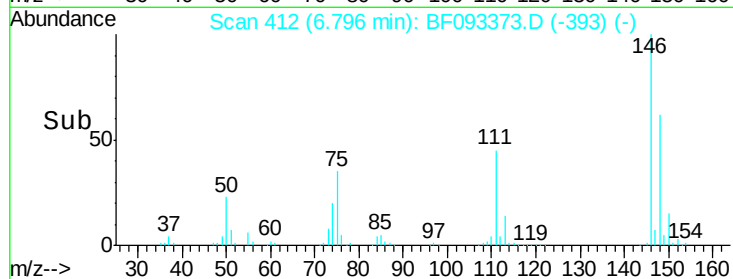
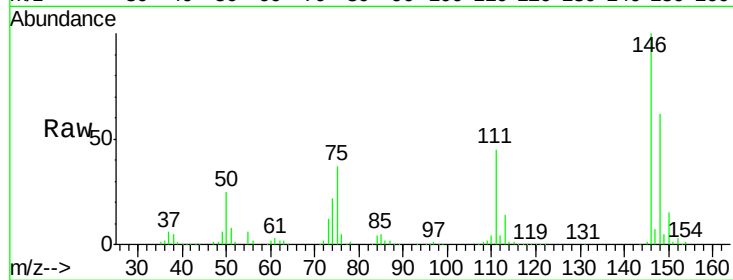
Tgt Ion:146 Resp: 534316

Ion Ratio Lower Upper

146 100

148 62.1 50.6 76.0

111 45.2 36.2 54.4



#14

1,2-Dichlorobenzene

Concen: 35.80 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.07 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

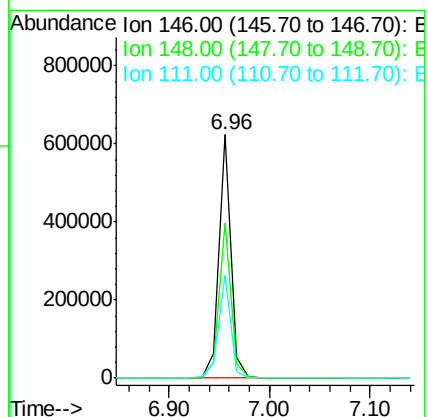
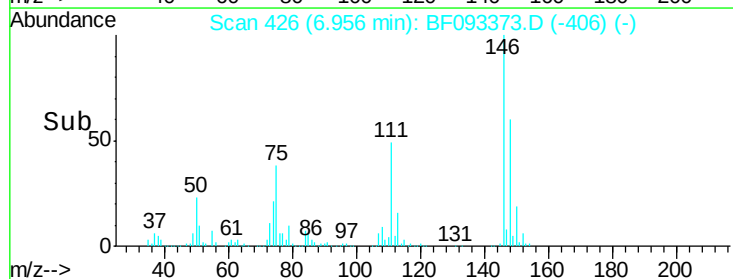
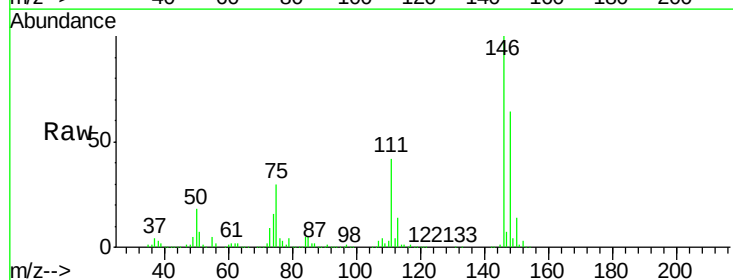
Tgt Ion:146 Resp: 515258

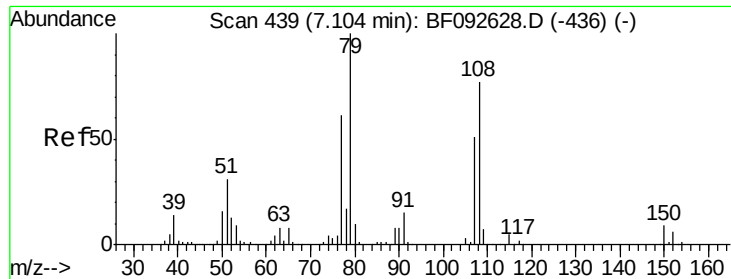
Ion Ratio Lower Upper

146 100

148 63.9 52.2 78.2

111 42.0 36.2 54.2

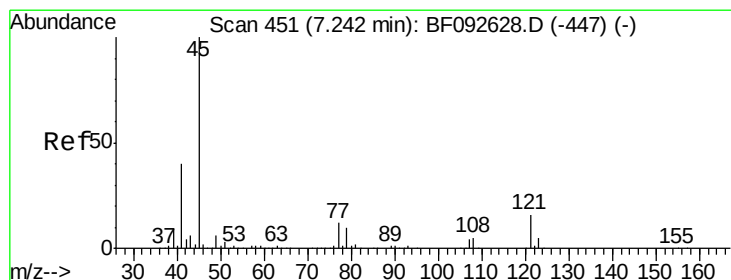
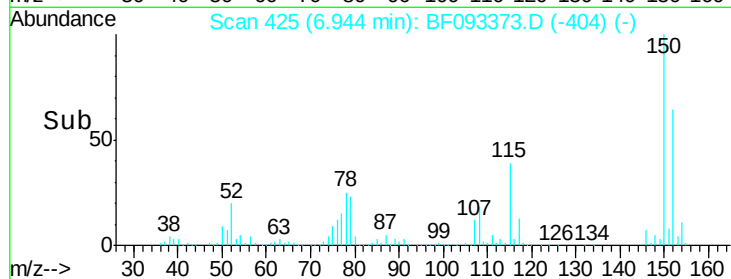
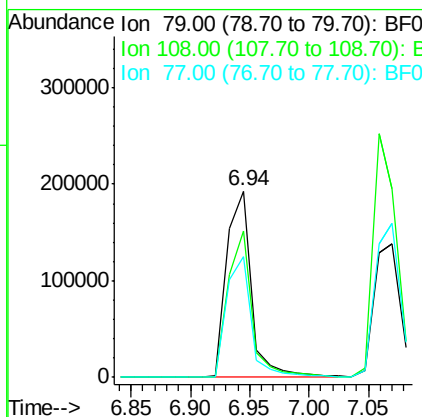
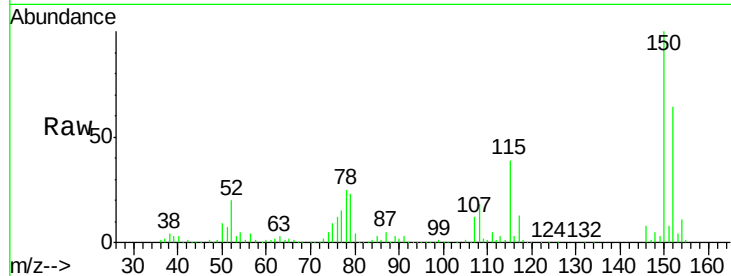




#15
Benzyl Alcohol
Concen: 25.52 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.06 min
Lab File: BF093373.D
Acq: 3 Mar 2017 21:56

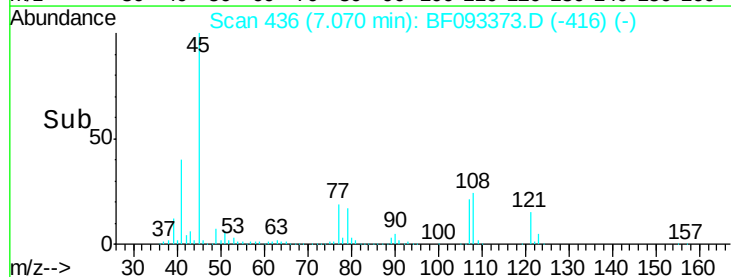
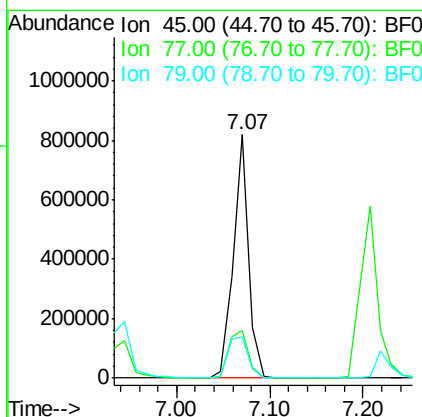
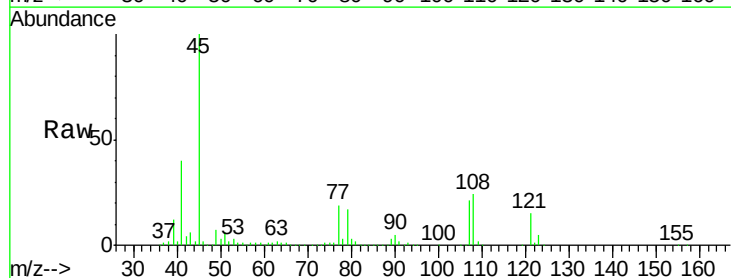
Instrument :
BNA_F
ClientSampleId :
SRI-MW-4-20170302MSD

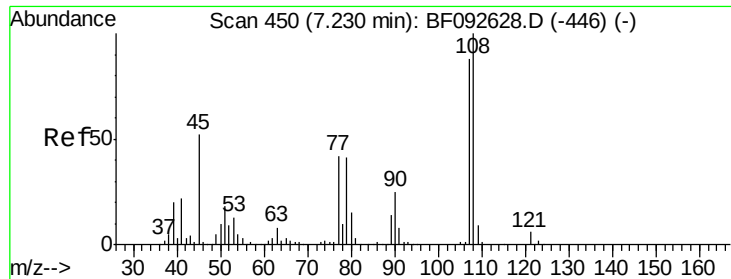
Tgt Ion: 79 Resp: 279808
Ion Ratio Lower Upper
79 100
108 78.8 61.4 92.0
77 64.5 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.81 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.07 min
Lab File: BF093373.D
Acq: 3 Mar 2017 21:56

Tgt Ion: 45 Resp: 932386
Ion Ratio Lower Upper
45 100
77 19.4 0.0 34.6
79 16.9 0.0 31.2

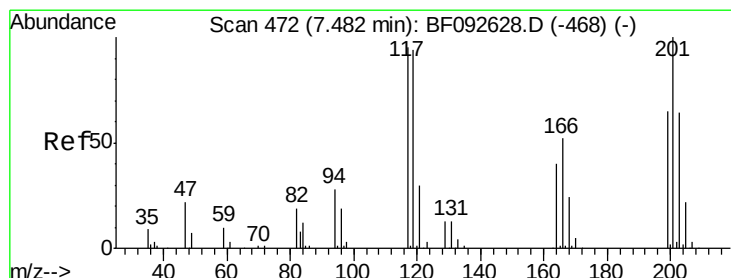
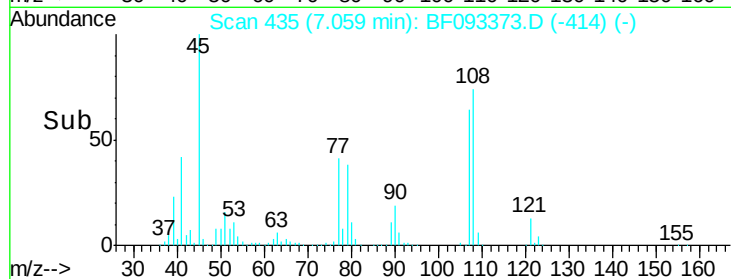
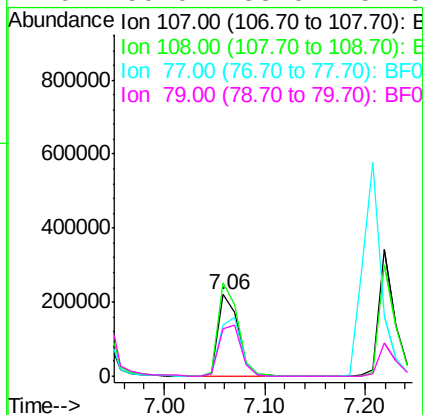
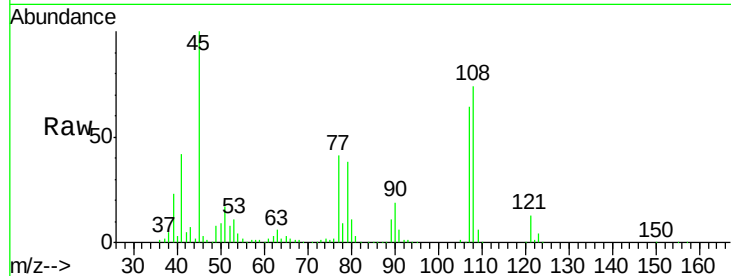




#17
2-Methylphenol
Concen: 27.74 ng
RT: 7.06 min Scan# 435
Delta R.T. -0.06 min
Lab File: BF093373.D
Acq: 3 Mar 2017 21:56

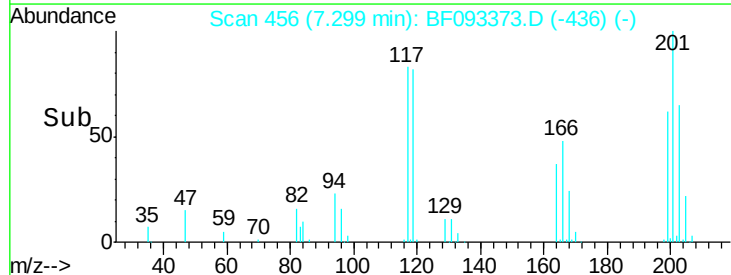
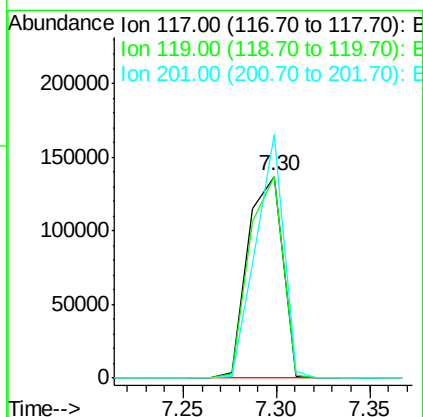
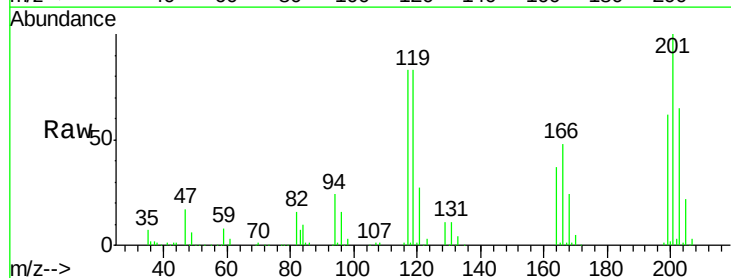
Instrument :
BNA_F
ClientSampleId :
SRI-MW-4-20170302MSD

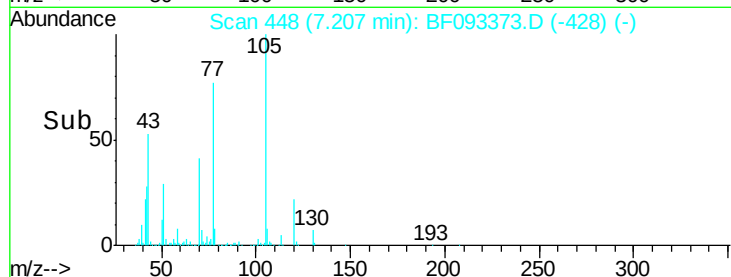
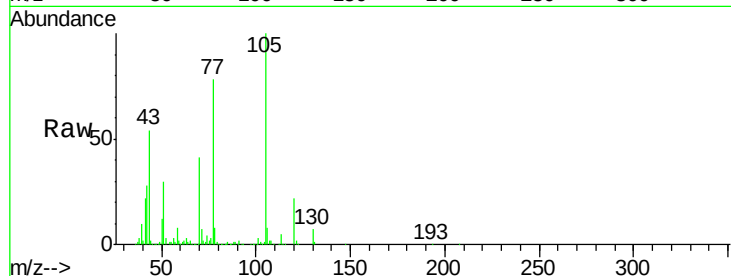
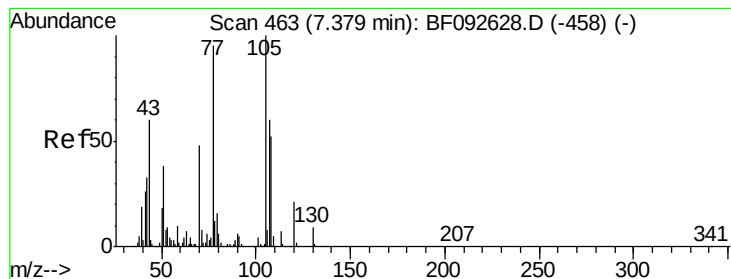
Tgt Ion:107 Resp: 302138
Ion Ratio Lower Upper
107 100
108 114.7 93.0 139.6
77 63.0 39.8 59.8#
79 59.0 38.0 57.0#



#18
Hexachloroethane
Concen: 34.25 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.07 min
Lab File: BF093373.D
Acq: 3 Mar 2017 21:56

Tgt Ion:117 Resp: 175961
Ion Ratio Lower Upper
117 100
119 99.6 78.1 117.1
201 120.7 78.6 117.8#





#19

n-Nitroso-di-n-propylamine

Concen: 44.86 ng

RT: 7.21 min Scan# 448

Delta R.T. -0.07 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

Instrument :

BNA_F

ClientSampleId :

SRI-MW-4-20170302MSD

Tgt Ion: 70 Resp: 422807

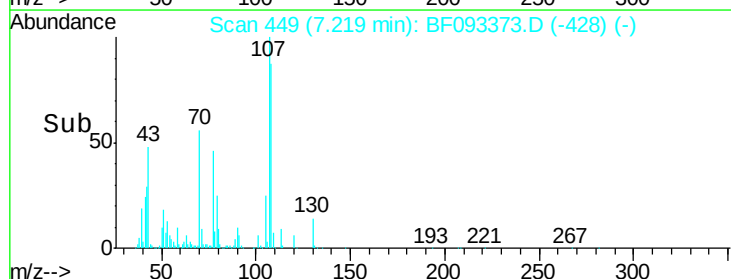
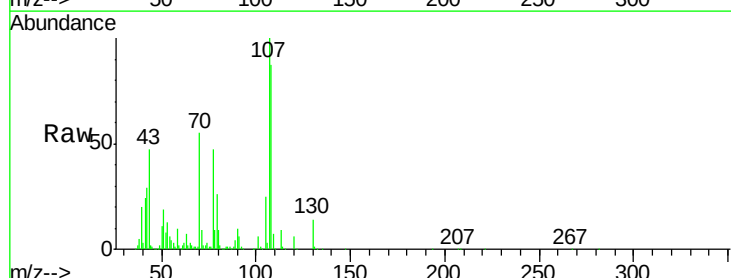
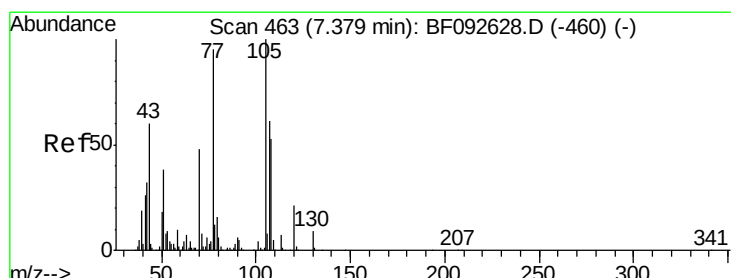
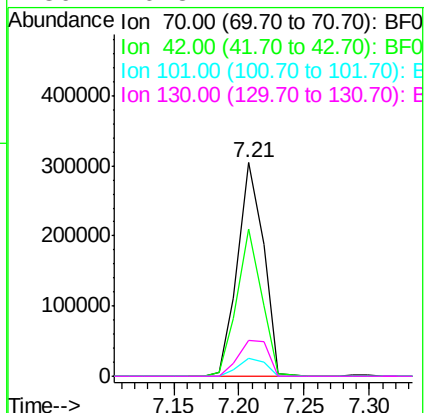
Ion Ratio Lower Upper

70 100

42 68.9 49.4 74.0

101 8.4 7.4 11.2

130 16.8 14.2 21.4



#20

3+4-Methylphenols

Concen: 29.00 ng

RT: 7.22 min Scan# 449

Delta R.T. -0.06 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

Tgt Ion: 107 Resp: 377685

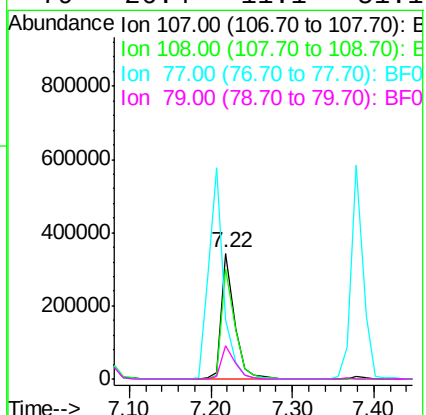
Ion Ratio Lower Upper

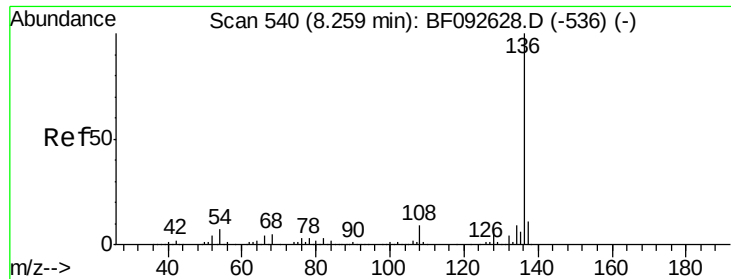
107 100

108 87.4 73.0 113.0

77 47.1 71.3 111.3#

79 26.4 11.1 51.1

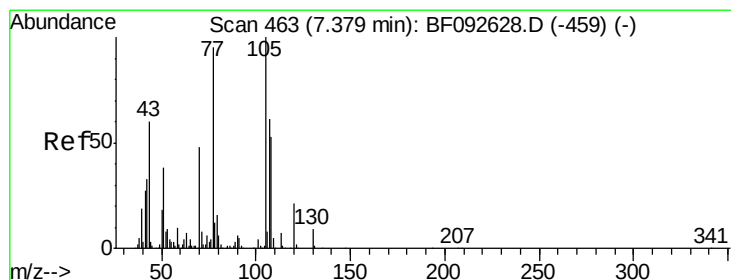
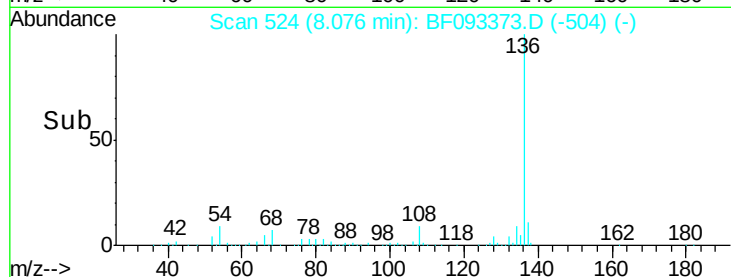
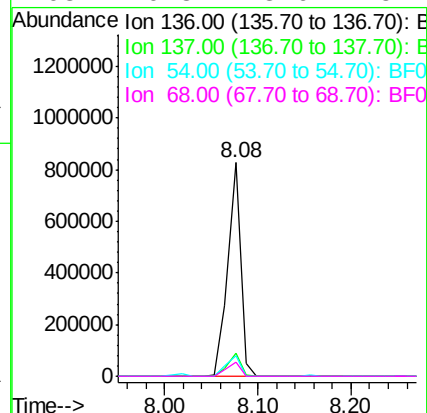
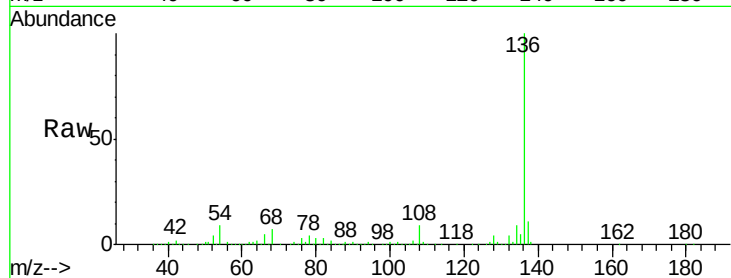




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.07 min
Lab File: BF093373.D
Acq: 3 Mar 2017 21:56

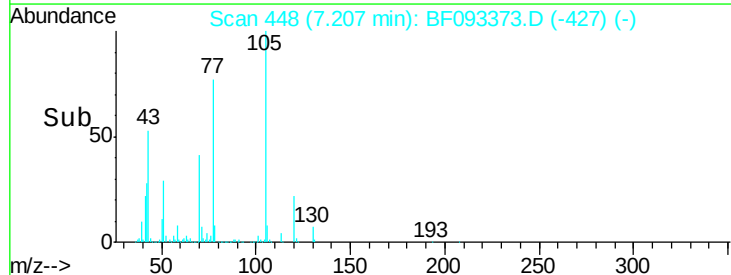
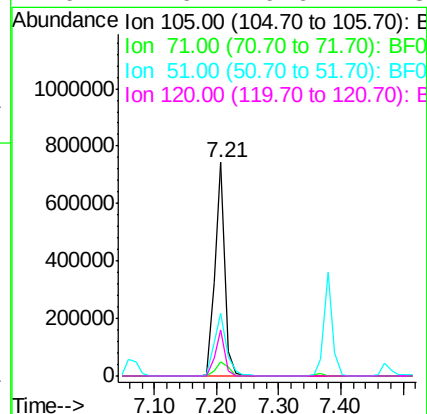
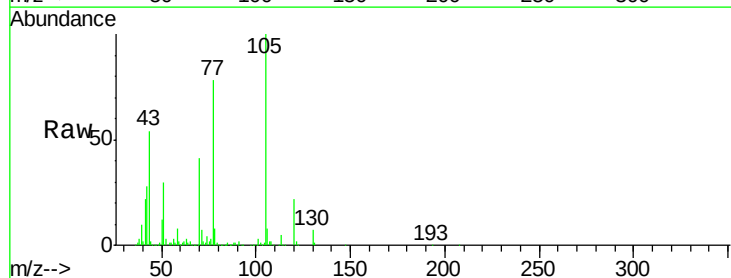
Instrument :
BNA_F
ClientSampleId :
SRI-MW-4-20170302MSD

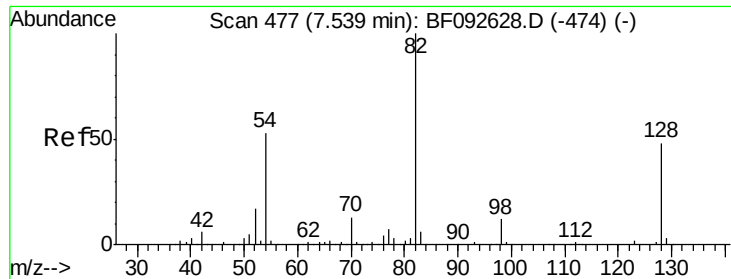
Tgt Ion:	136	Resp:	797734
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	9.3	4.5	6.7#
68	6.8	3.6	5.4#



#22
Acetophenone
Concen: 44.35 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.06 min
Lab File: BF093373.D
Acq: 3 Mar 2017 21:56

Tgt Ion:	105	Resp:	807714
Ion	Ratio	Lower	Upper
105	100		
71	6.9	3.2	4.8#
51	29.6	26.2	39.4
120	21.6	16.6	24.8

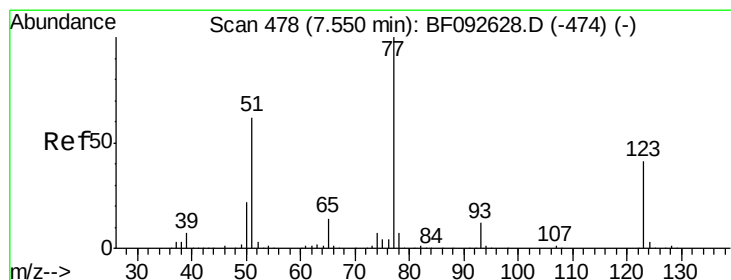
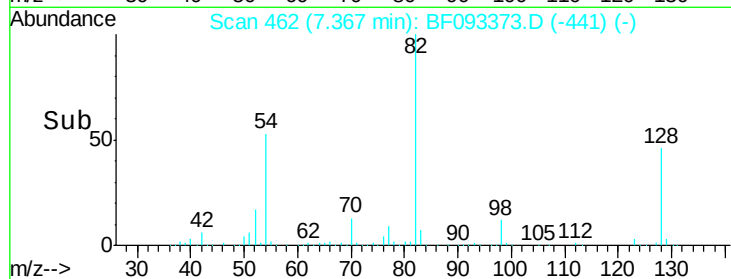
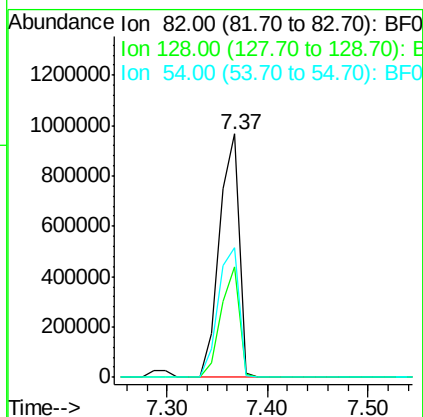
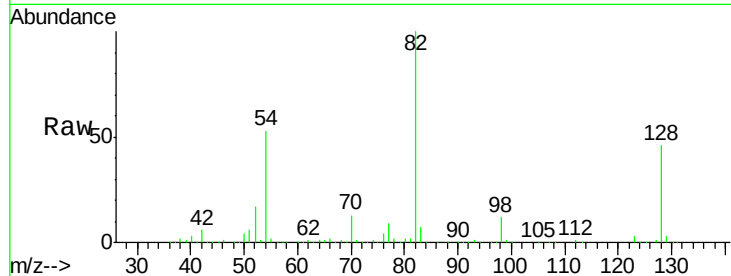




#23
 Nitrobenzene-d5
 Concen: 91.80 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.06 min
 Lab File: BF093373.D
 Acq: 3 Mar 2017 21:56

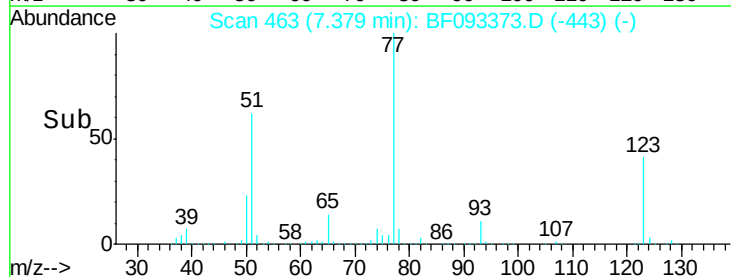
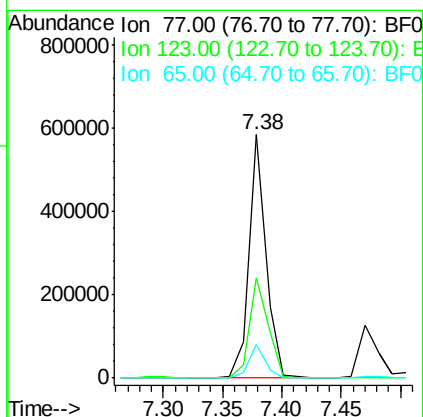
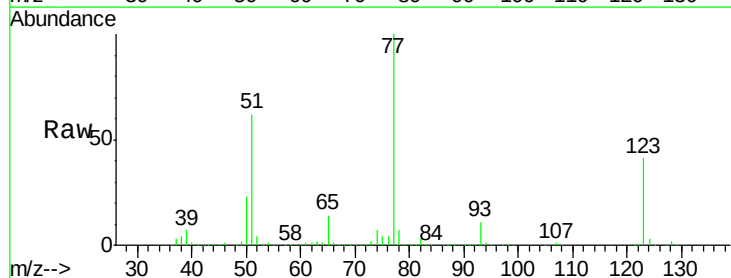
Instrument :
 BNA_F
 ClientSampleId :
 SRI-MW-4-20170302MSD

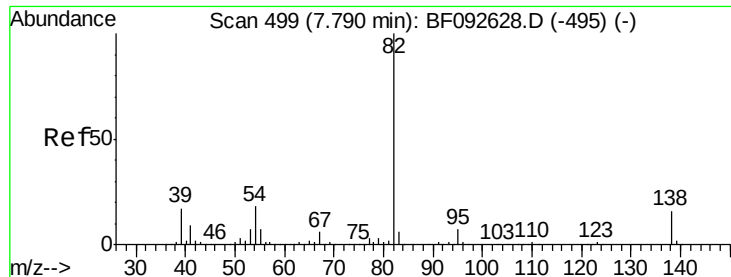
Tgt Ion: 82 Resp: 1315028
 Ion Ratio Lower Upper
 82 100
 128 45.6 34.6 52.0
 54 53.1 39.5 59.3



#24
 Nitrobenzene
 Concen: 39.85 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.07 min
 Lab File: BF093373.D
 Acq: 3 Mar 2017 21:56

Tgt Ion: 77 Resp: 586241
 Ion Ratio Lower Upper
 77 100
 123 41.3 33.0 49.4
 65 14.1 11.2 16.8





#25

Isophorone

Concen: 44.33 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.07 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

Instrument :

BNA_F

ClientSampleId :

SRI-MW-4-20170302MSD

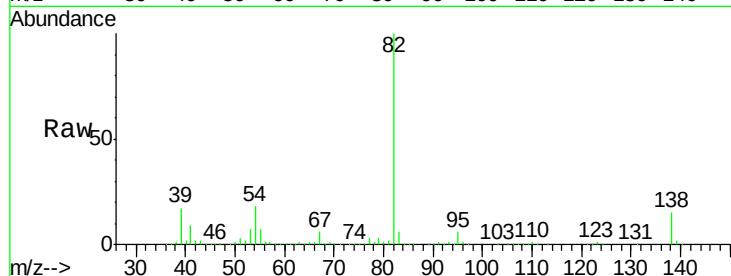
Tgt Ion: 82 Resp: 1183221

Ion Ratio Lower Upper

82 100

95 6.5 5.6 8.4

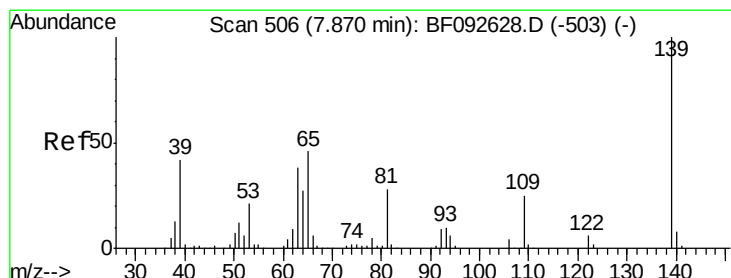
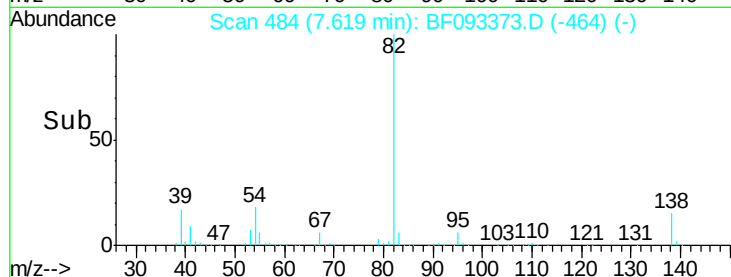
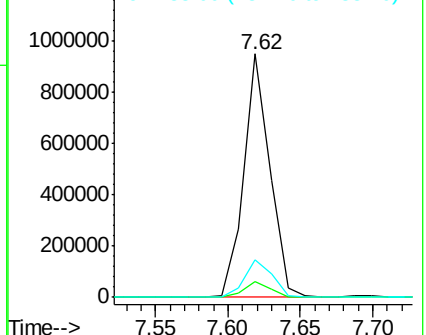
138 15.4 14.6 22.0



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: 46.02 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.06 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

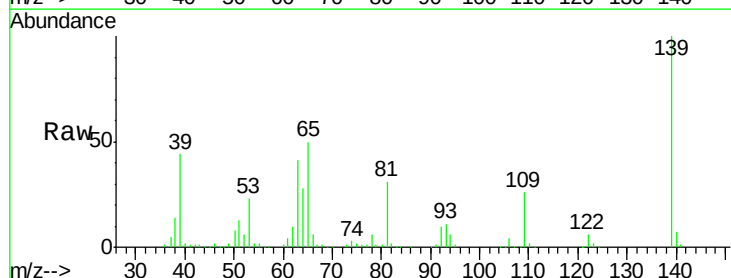
Tgt Ion: 139 Resp: 321780

Ion Ratio Lower Upper

139 100

109 25.6 23.3 34.9

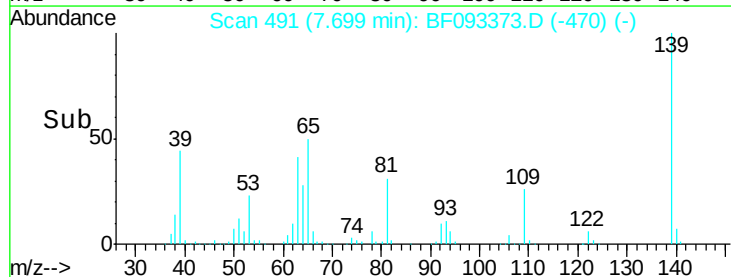
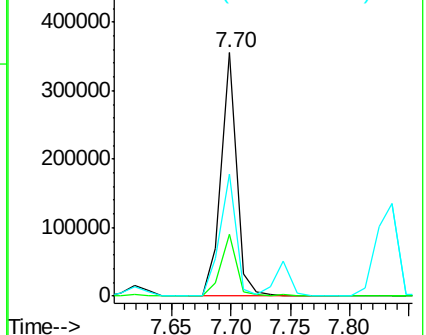
65 50.0 42.7 64.1

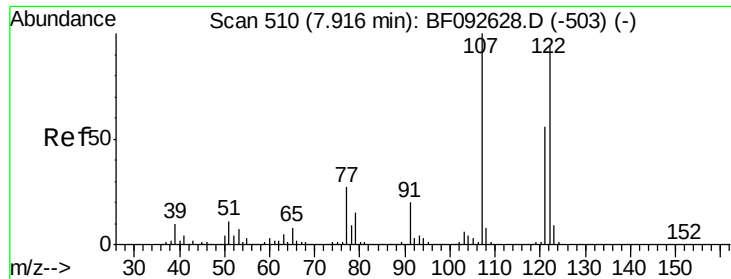


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

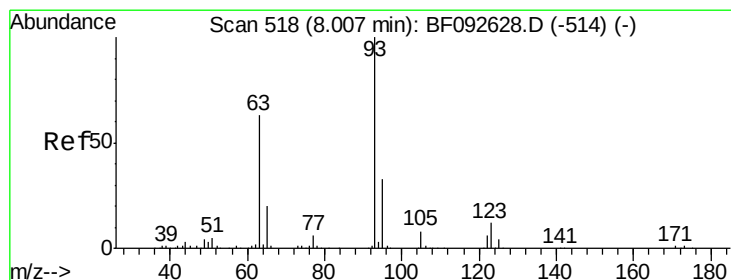
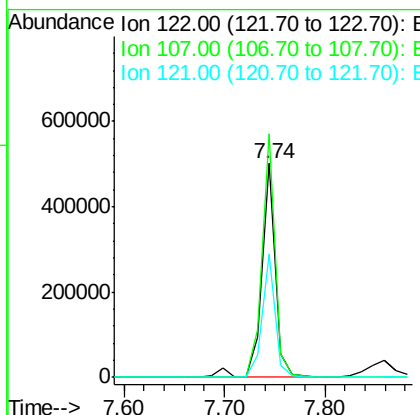
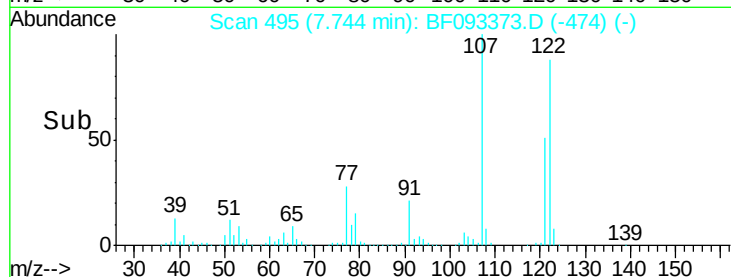
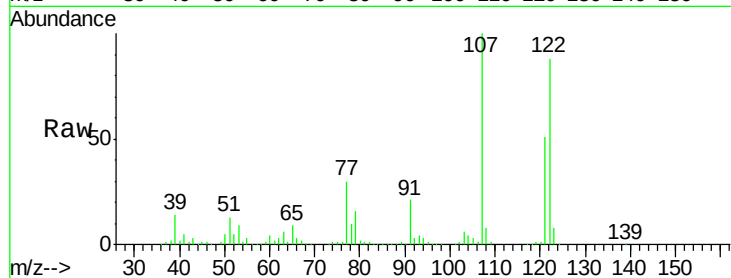




#27
2,4-Dimethylphenol
Concen: 38.67 ng
RT: 7.74 min Scan# 495
Delta R.T. -0.06 min
Lab File: BF093373.D
Acq: 3 Mar 2017 21:56

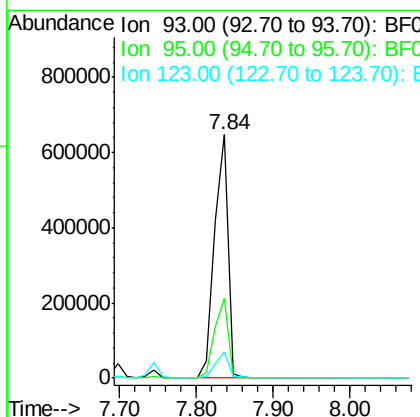
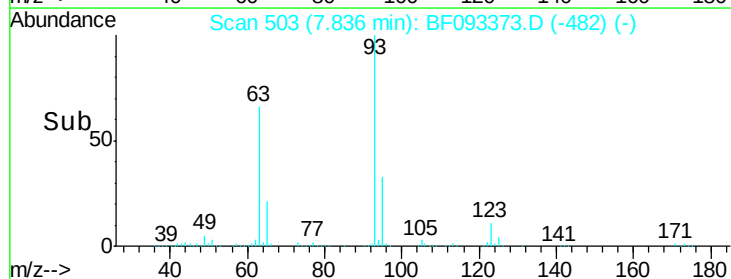
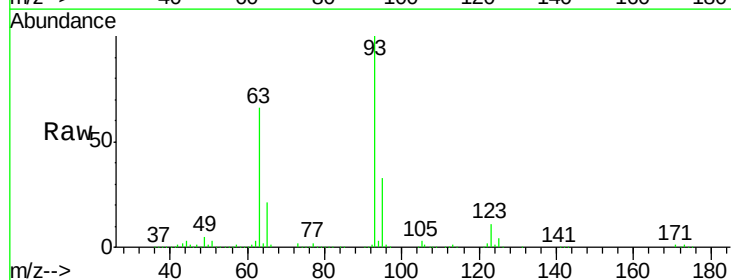
Instrument :
BNA_F
ClientSampleId :
SRI-MW-4-20170302MSD

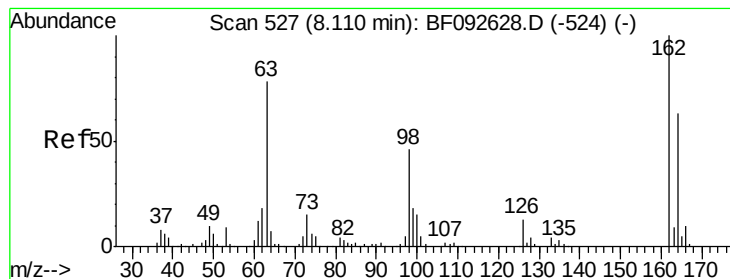
Tgt Ion:122 Resp: 474858
Ion Ratio Lower Upper
122 100
107 113.8 94.1 141.1
121 57.8 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 43.93 ng
RT: 7.84 min Scan# 503
Delta R.T. -0.06 min
Lab File: BF093373.D
Acq: 3 Mar 2017 21:56

Tgt Ion: 93 Resp: 776684
Ion Ratio Lower Upper
93 100
95 32.8 26.5 39.7
123 10.9 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 38.97 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.06 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

Instrument :

BNA_F

ClientSampleId :

SRI-MW-4-20170302MSD

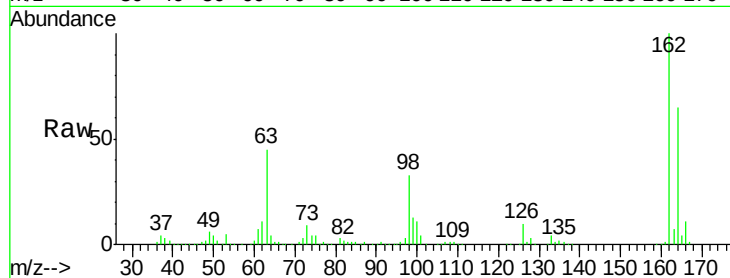
Tgt Ion:162 Resp: 446305

Ion Ratio Lower Upper

162 100

164 65.2 46.8 86.8

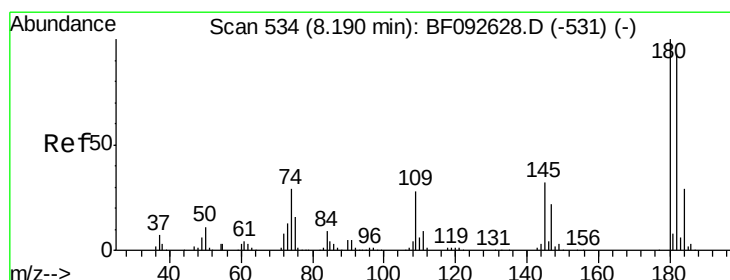
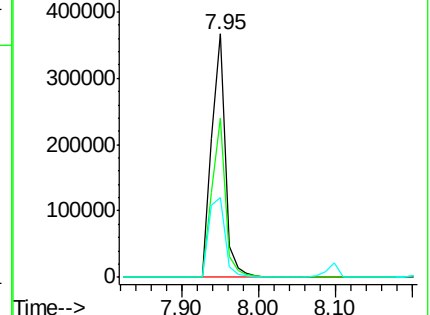
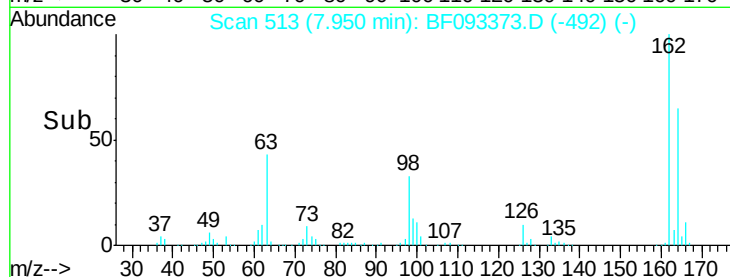
98 32.9 9.1 49.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 36.77 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.07 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

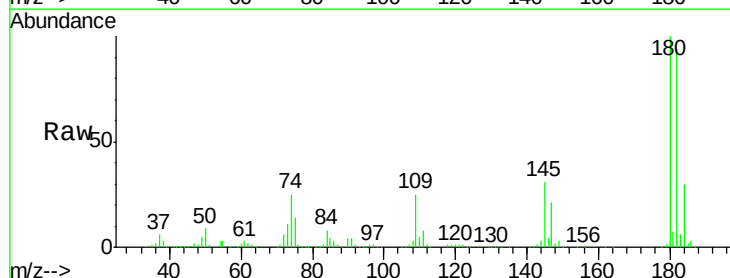
Tgt Ion:180 Resp: 453813

Ion Ratio Lower Upper

180 100

182 94.2 78.2 117.4

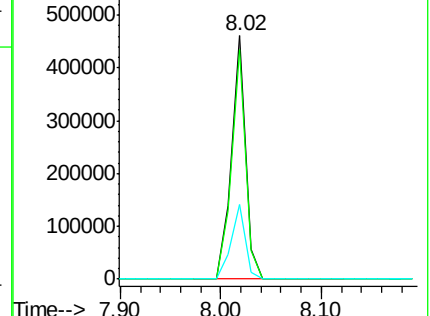
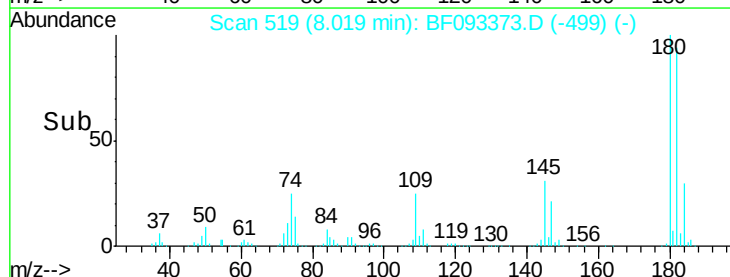
145 30.7 21.6 32.4

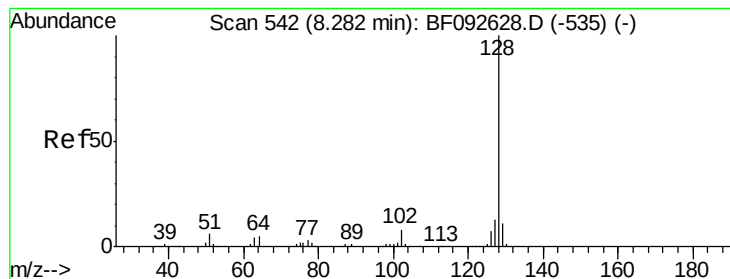


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.44 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.07 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

Instrument :

BNA_F

ClientSampleId :

SRI-MW-4-20170302MSD

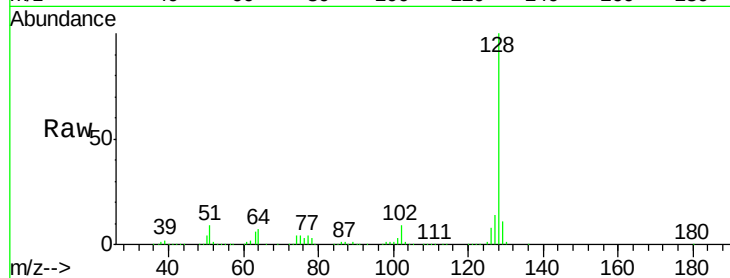
Tgt Ion:128 Resp: 1554599

Ion Ratio Lower Upper

128 100

129 11.1 9.5 14.3

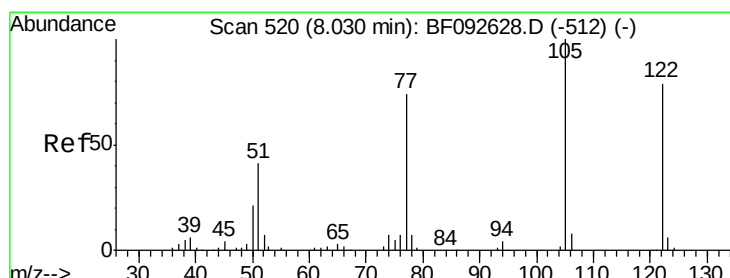
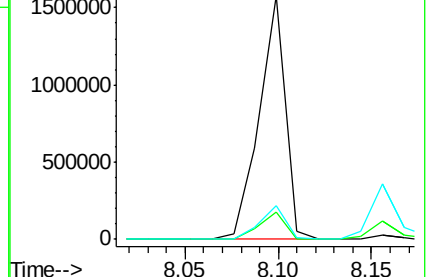
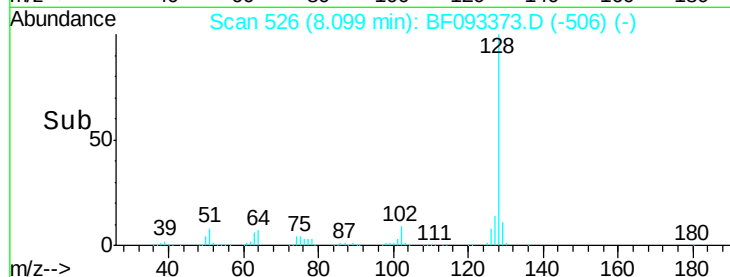
127 13.9 10.8 16.2



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: 16.99 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.07 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

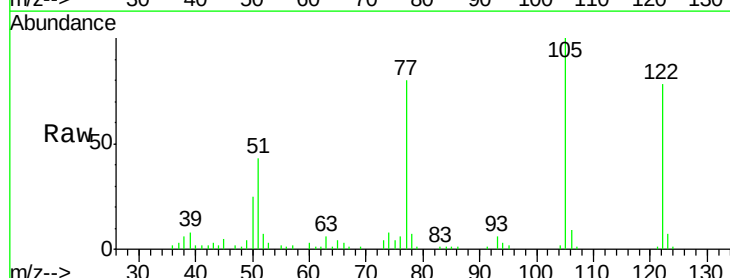
Tgt Ion:122 Resp: 80352

Ion Ratio Lower Upper

122 100

105 128.8 107.2 147.2

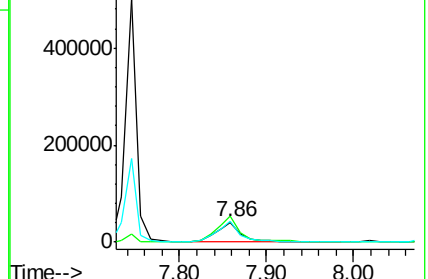
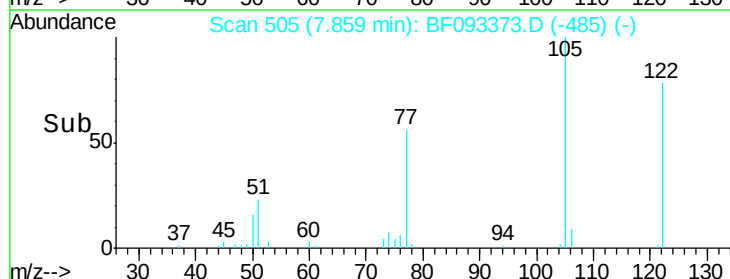
77 102.9 74.5 114.5

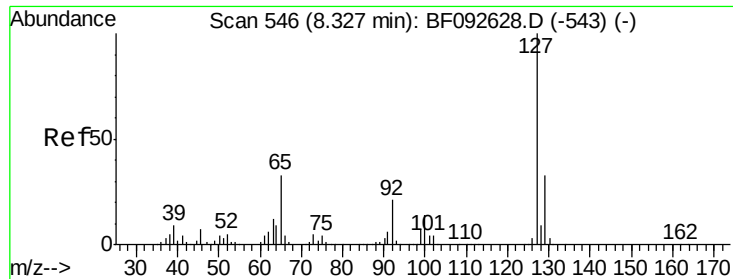


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

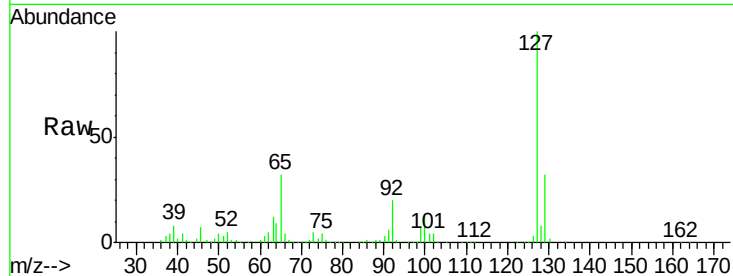




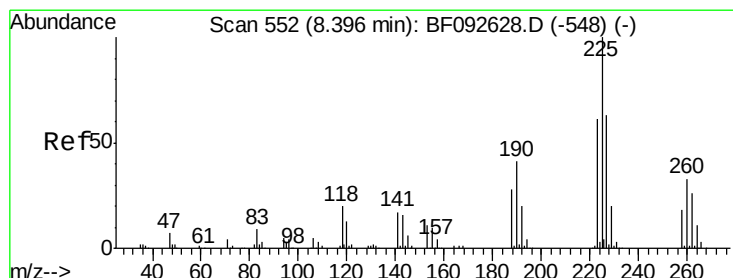
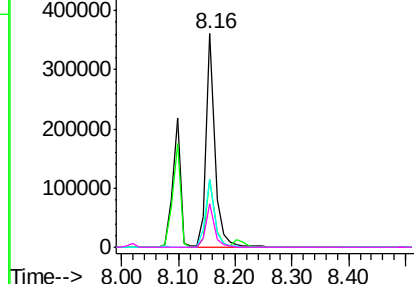
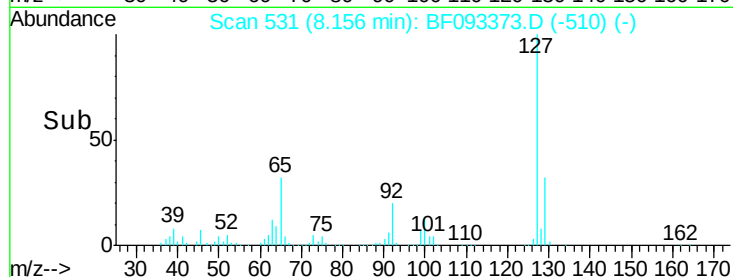
#33
4-Chloroaniline
Concen: 23.61 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.06 min
Lab File: BF093373.D
Acq: 3 Mar 2017 21:56

Instrument :
BNA_F
ClientSampleId :
SRI-MW-4-20170302MSD

Tgt Ion:	127	Resp:	374441
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.3	39.5
65	32.0	25.8	38.8
92	20.5	16.1	24.1

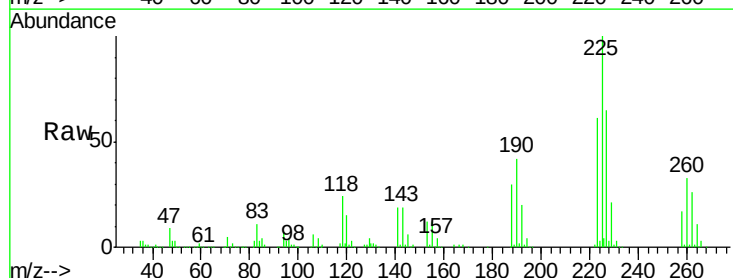


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

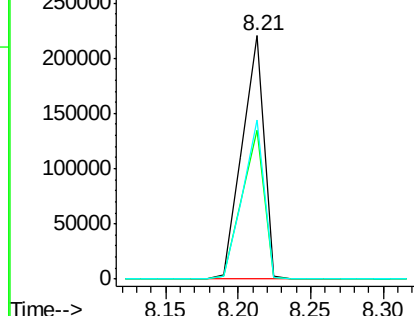
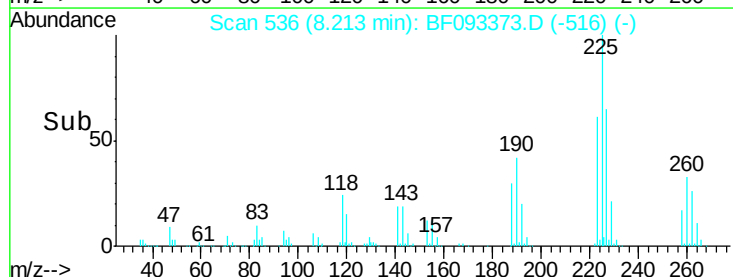


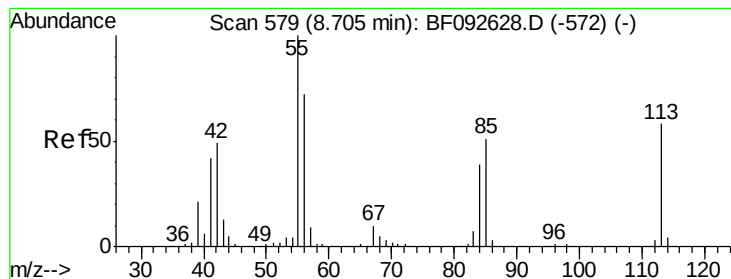
#34
Hexachlorobutadiene
Concen: 34.16 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.07 min
Lab File: BF093373.D
Acq: 3 Mar 2017 21:56

Tgt Ion:	225	Resp:	231987
Ion	Ratio	Lower	Upper
225	100		
223	61.4	51.0	76.6
227	65.4	50.6	76.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 6.71 ng

RT: 8.54 min Scan# 565

Delta R.T. -0.05 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

Instrument :

BNA_F

ClientSampleId :

SRI-MW-4-20170302MSD

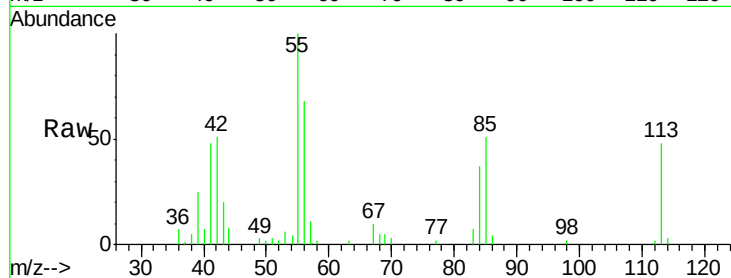
Tgt Ion:113 Resp: 24186

Ion Ratio Lower Upper

113 100

55 208.7 119.2 159.2#

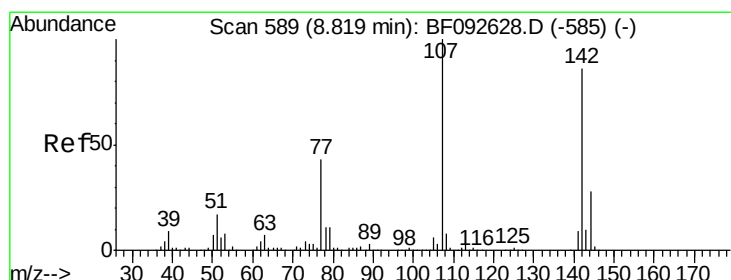
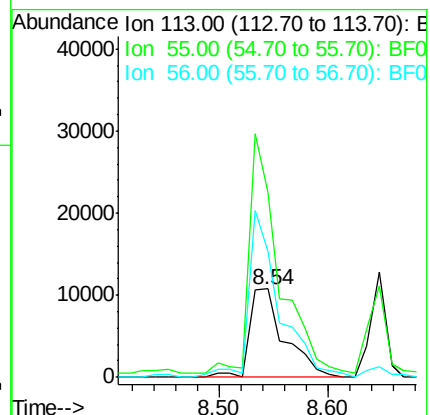
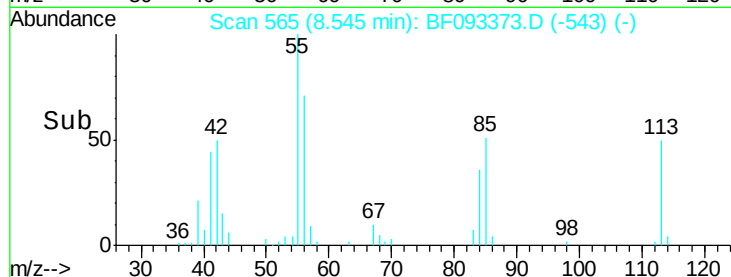
56 142.8 83.8 123.8#



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: 39.78 ng

RT: 8.65 min Scan# 574

Delta R.T. -0.06 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

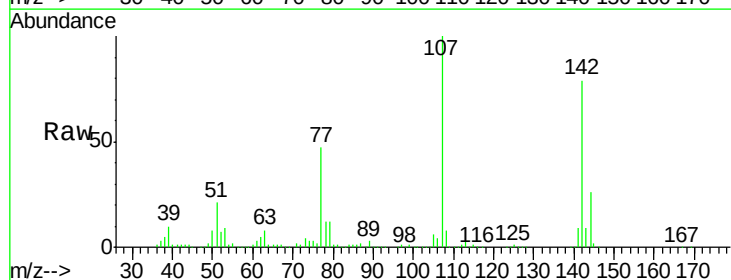
Tgt Ion:107 Resp: 474972

Ion Ratio Lower Upper

107 100

144 25.5 19.3 28.9

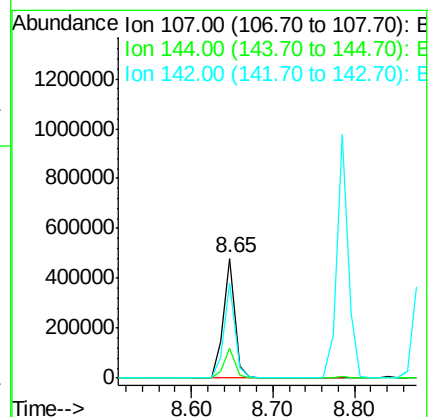
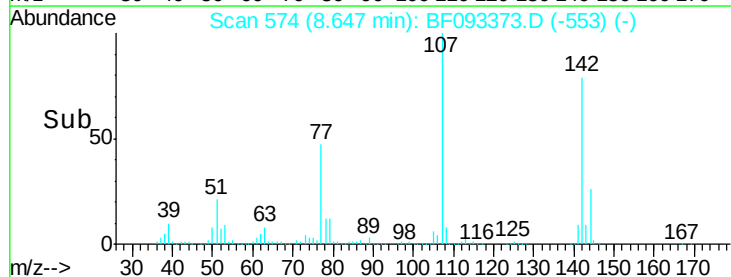
142 79.4 59.0 88.6

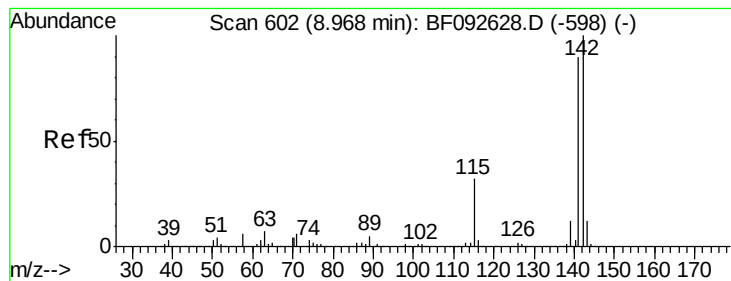


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 37.42 ng

RT: 8.78 min Scan# 586

Delta R.T. -0.07 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

Instrument :

BNA_F

ClientSampleId :

SRI-MW-4-20170302MSD

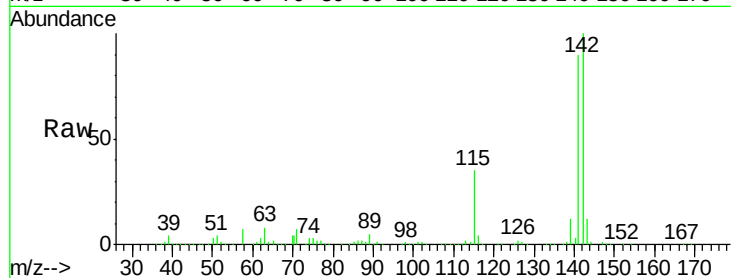
Tgt Ion:142 Resp: 971684

Ion Ratio Lower Upper

142 100

141 90.2 71.0 106.6

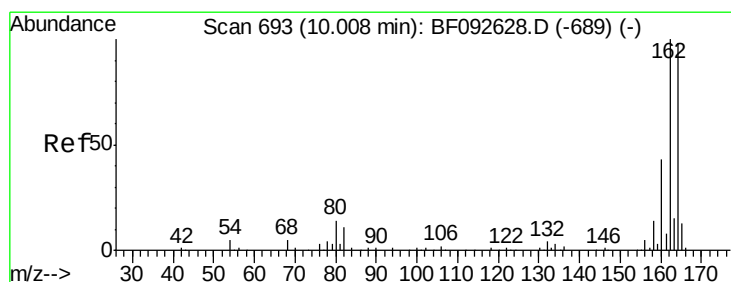
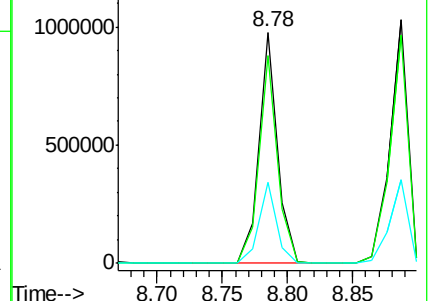
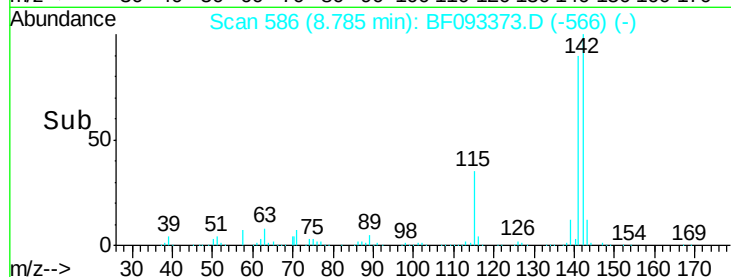
115 35.0 28.3 42.5



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: 9.82 min Scan# 677

Delta R.T. -0.07 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

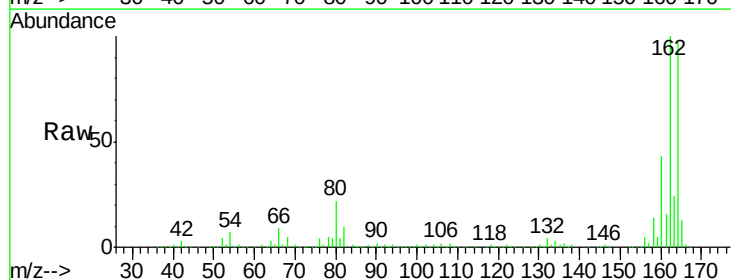
Tgt Ion:164 Resp: 369989

Ion Ratio Lower Upper

164 100

162 102.6 80.2 120.2

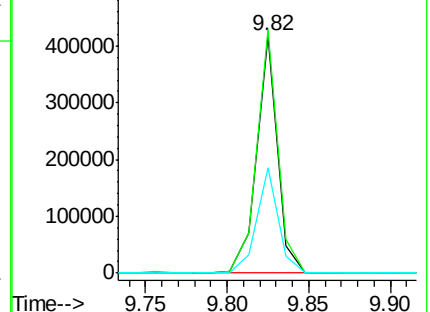
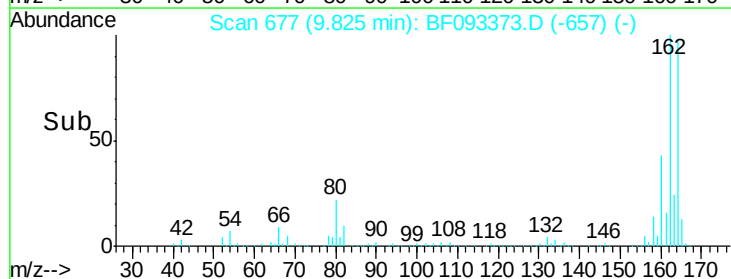
160 44.5 36.9 55.3

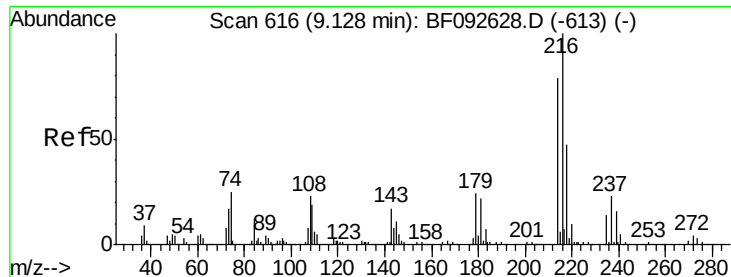


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

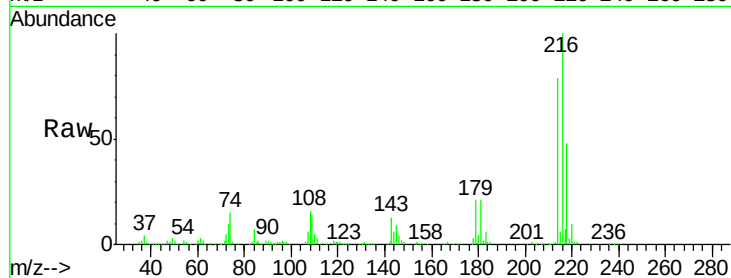




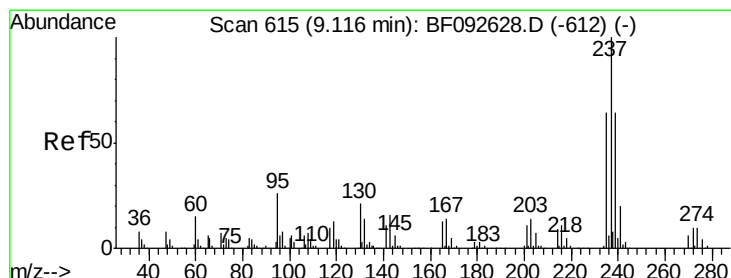
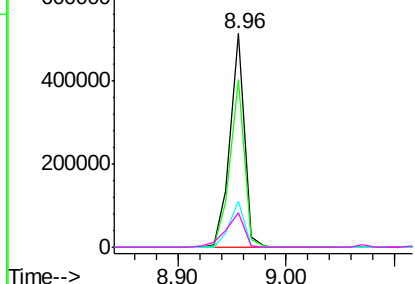
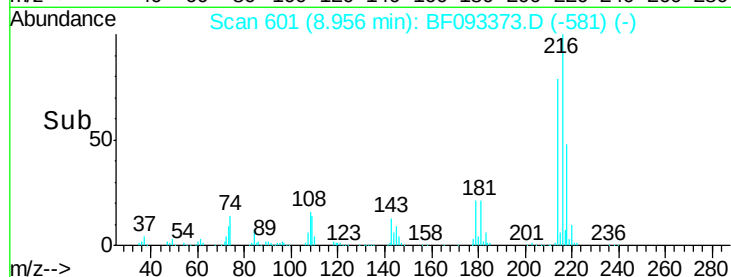
#39
1,2,4,5-Tetrachlorobenzene
Concen: 45.17 ng
RT: 8.96 min Scan# 601
Delta R.T. -0.07 min
Lab File: BF093373.D
Acq: 3 Mar 2017 21:56

Instrument :
BNA_F
ClientSampleId :
SRI-MW-4-20170302MSD

Tgt Ion:	216	Resp:	469139
Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.4	95.0
179	22.1	17.4	26.2
108	20.8	15.6	23.4

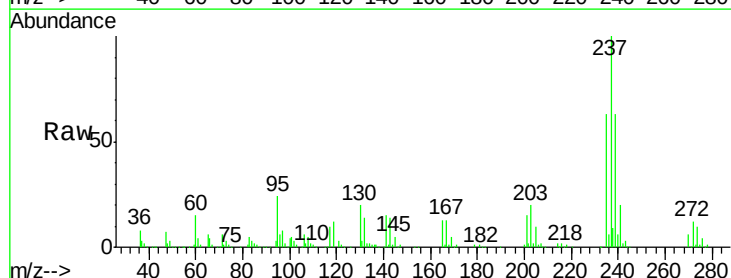


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

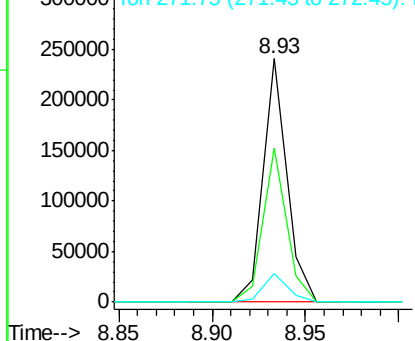
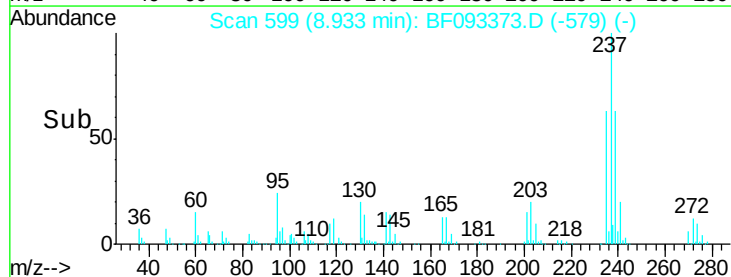


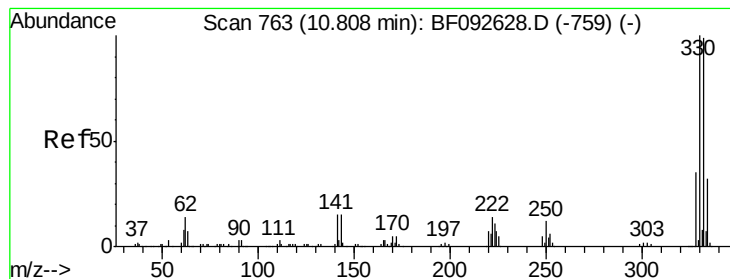
#40
Hexachlorocyclopentadiene
Concen: 45.16 ng
RT: 8.93 min Scan# 599
Delta R.T. -0.07 min
Lab File: BF093373.D
Acq: 3 Mar 2017 21:56

Tgt Ion:	237	Resp:	211592
Ion	Ratio	Lower	Upper
237	100		
235	63.1	41.2	81.2
272	11.5	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

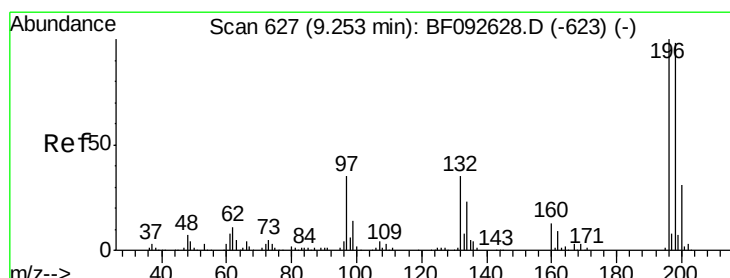
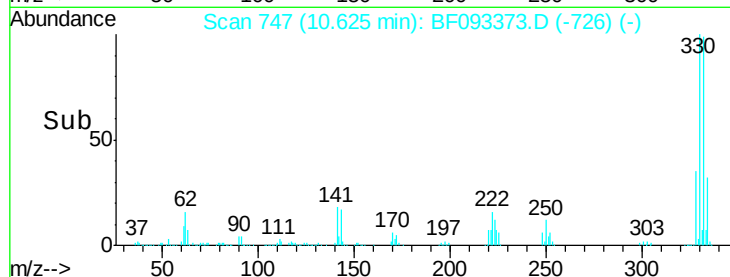
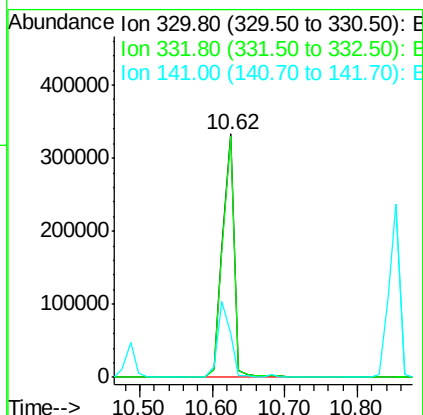
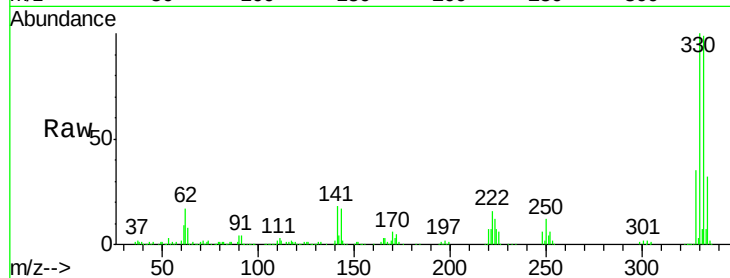




#41
 2,4,6-Tribromophenol
 Concen: 140.92 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.06 min
 Lab File: BF093373.D
 Acq: 3 Mar 2017 21:56

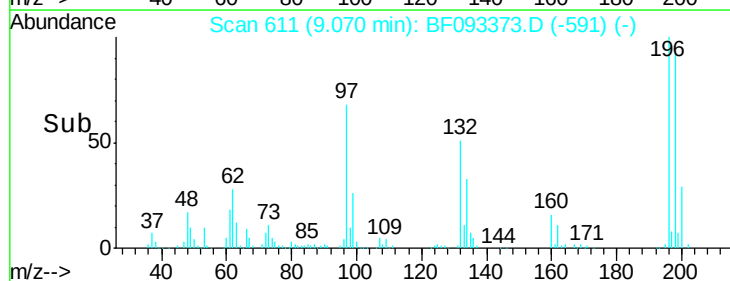
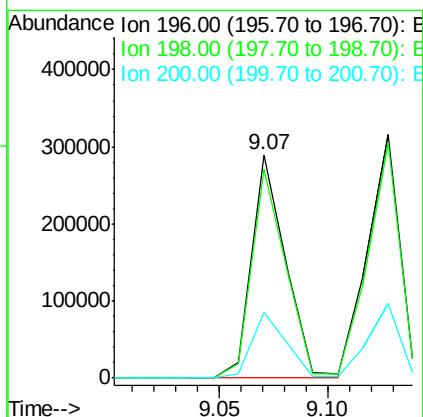
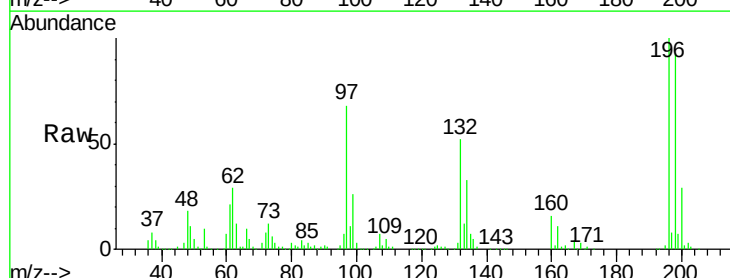
Instrument :
 BNA_F
 ClientSampleId :
 SRI-MW-4-20170302MSD

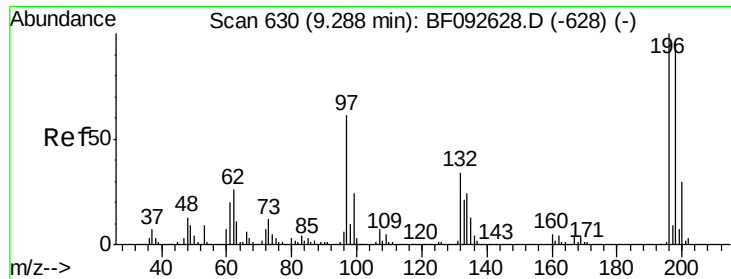
Tgt Ion:330 Resp: 377089
 Ion Ratio Lower Upper
 330 100
 332 99.1 77.4 116.2
 141 33.1 34.1 51.1#



#42
 2,4,6-Trichlorophenol
 Concen: 46.01 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.07 min
 Lab File: BF093373.D
 Acq: 3 Mar 2017 21:56

Tgt Ion:196 Resp: 313973
 Ion Ratio Lower Upper
 196 100
 198 93.5 82.1 123.1
 200 29.3 27.0 40.4

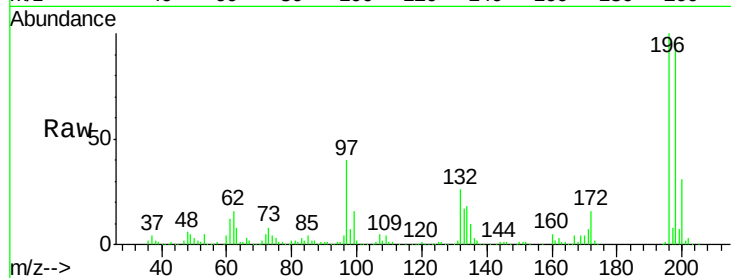




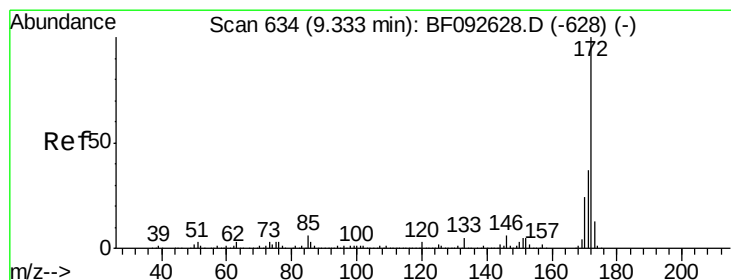
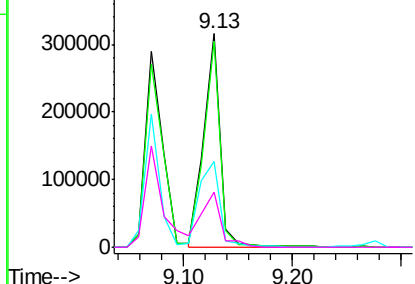
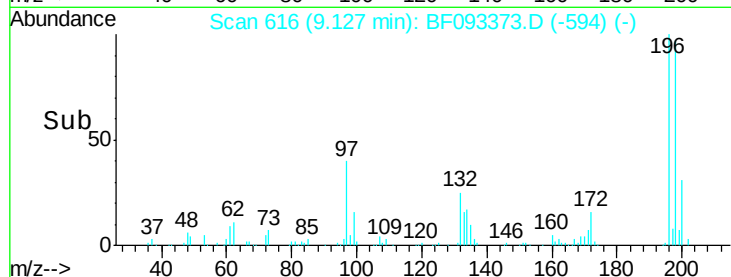
#43
 2,4,5-Trichlorophenol
 Concen: 44.34 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.05 min
 Lab File: BF093373.D
 Acq: 3 Mar 2017 21:56

Instrument :
 BNA_F
 ClientSampleId :
 SRI-MW-4-20170302MSD

Tgt Ion:196 Resp: 331551
 Ion Ratio Lower Upper
 196 100
 198 96.7 79.4 119.2
 97 40.1 51.5 77.3#
 132 25.5 27.4 41.2#

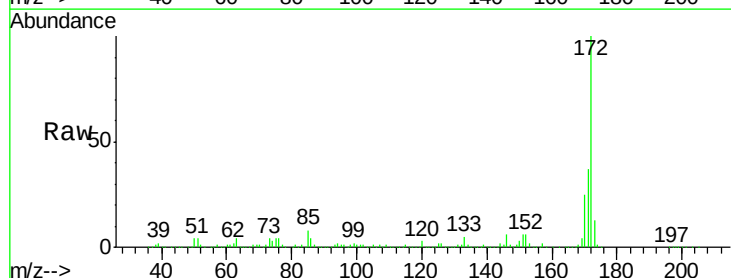


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

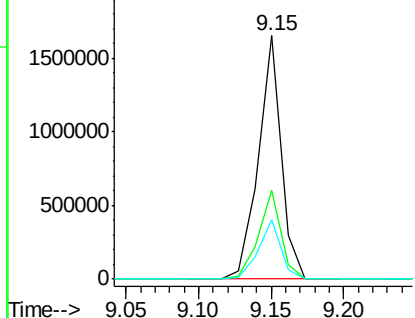
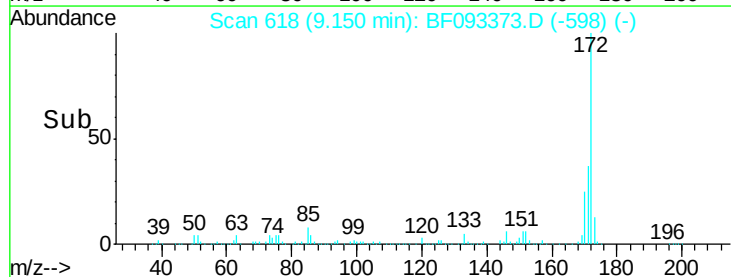


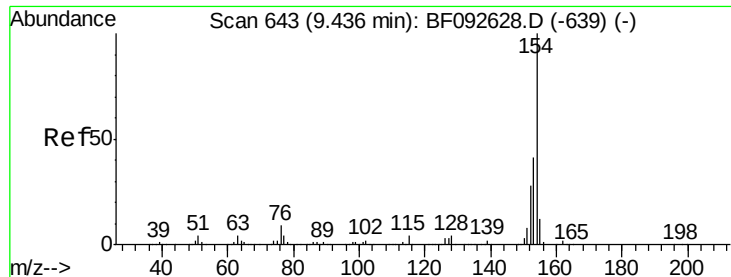
#44
 2-Fluorobiphenyl
 Concen: 87.89 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.07 min
 Lab File: BF093373.D
 Acq: 3 Mar 2017 21:56

Tgt Ion:172 Resp: 1794888
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 24.6 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

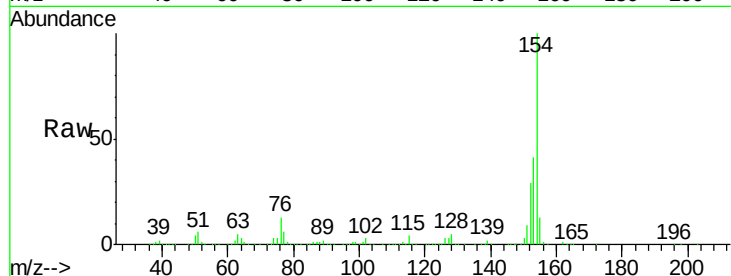




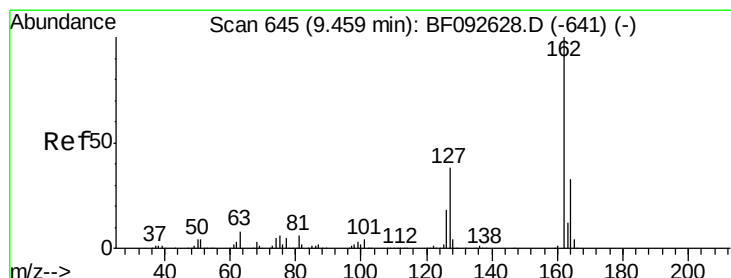
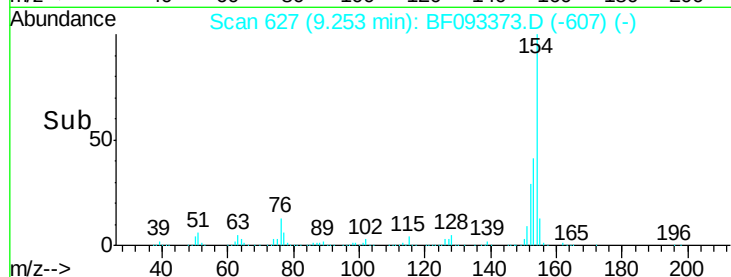
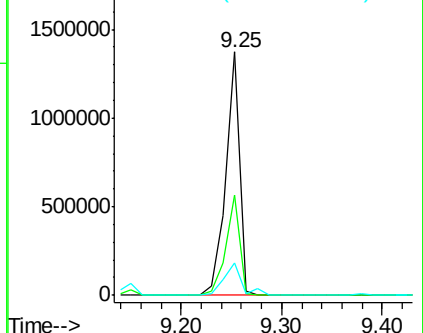
#45
 1,1'-Biphenyl
 Concen: 48.78 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.07 min
 Lab File: BF093373.D
 Acq: 3 Mar 2017 21:56

Instrument :
 BNA_F
 ClientSampleId :
 SRI-MW-4-20170302MSD

Tgt Ion:154 Resp: 1306905
 Ion Ratio Lower Upper
 154 100
 153 40.9 20.9 60.9
 76 13.1 0.0 30.5

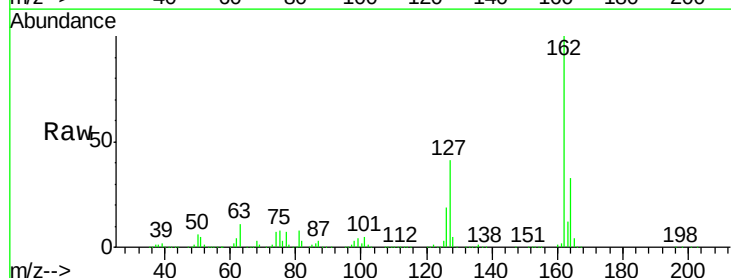


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

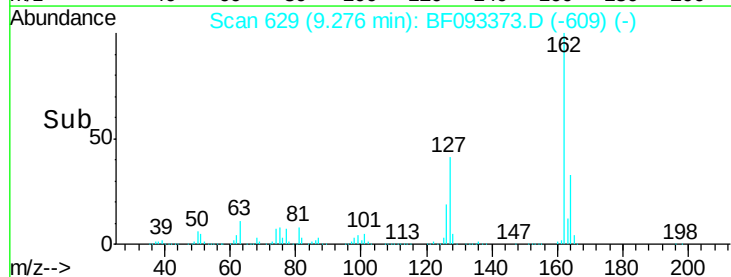
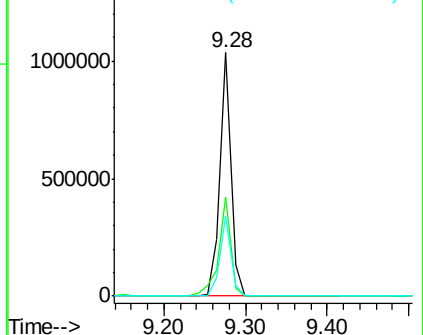


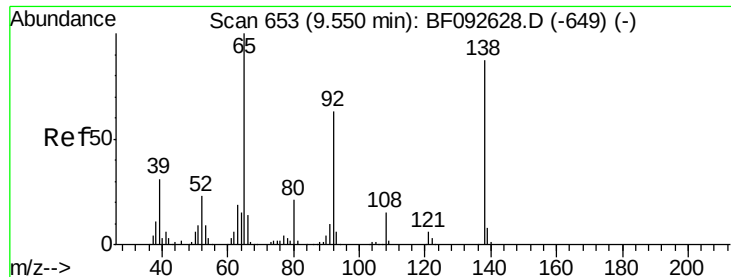
#46
 2-Chloronaphthalene
 Concen: 46.80 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.07 min
 Lab File: BF093373.D
 Acq: 3 Mar 2017 21:56

Tgt Ion:162 Resp: 980807
 Ion Ratio Lower Upper
 162 100
 127 40.8 30.7 46.1
 164 32.9 27.6 41.4



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

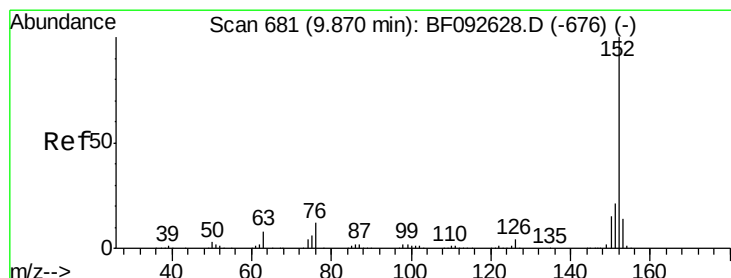
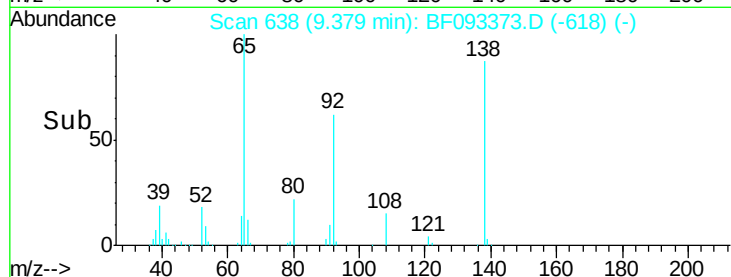
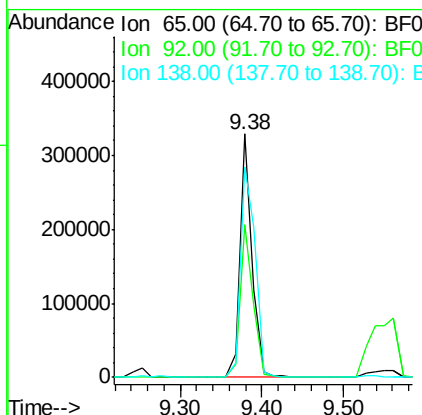
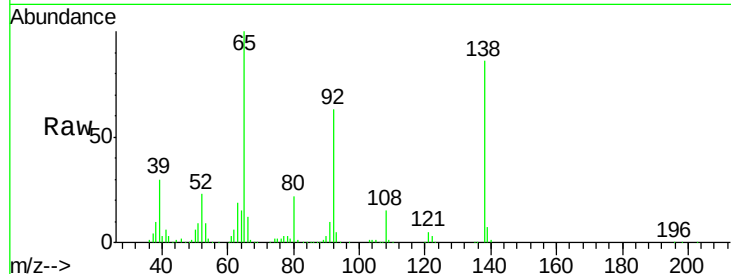




#47
2-Nitroaniline
Concen: 48.26 ng
RT: 9.38 min Scan# 638
Delta R.T. -0.07 min
Lab File: BF093373.D
Acq: 3 Mar 2017 21:56

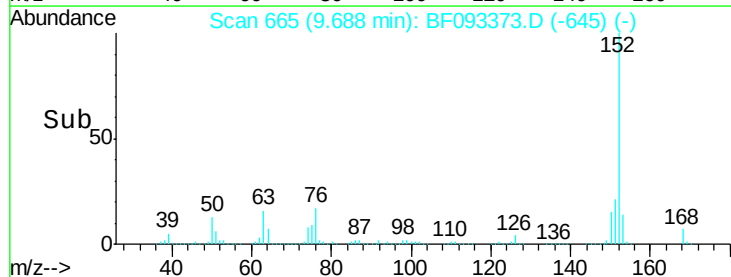
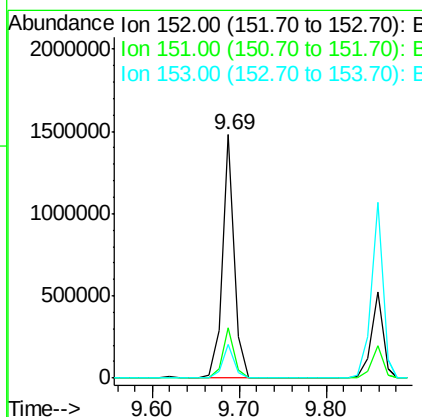
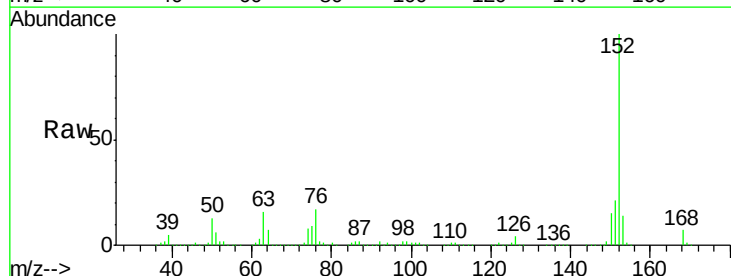
Instrument :
BNA_F
ClientSampleId :
SRI-MW-4-20170302MSD

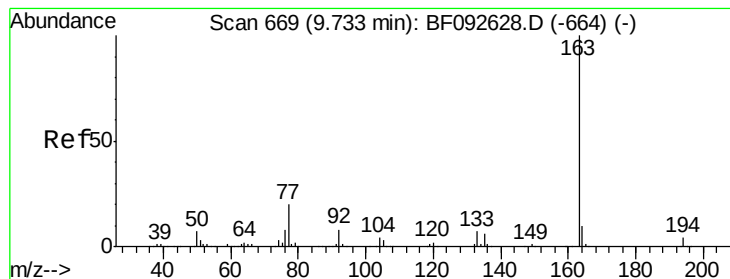
Tgt Ion: 65 Resp: 340052
Ion Ratio Lower Upper
65 100
92 62.8 53.9 80.9
138 86.3 76.8 115.2



#48
Acenaphthylene
Concen: 39.03 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.07 min
Lab File: BF093373.D
Acq: 3 Mar 2017 21:56

Tgt Ion: 152 Resp: 1413156
Ion Ratio Lower Upper
152 100
151 20.8 16.9 25.3
153 13.9 11.4 17.2





#49

Dimethylphthalate

Concen: 53.40 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.06 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

Instrument :

BNA_F

ClientSampleId :

SRI-MW-4-20170302MSD

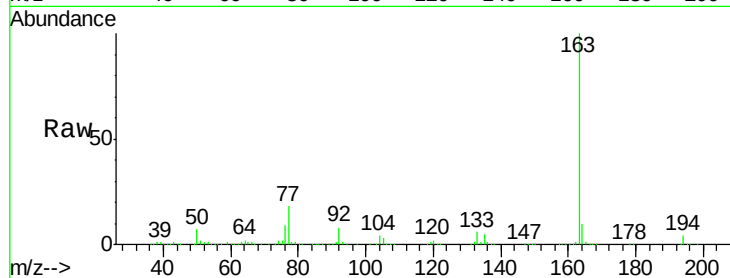
Tgt Ion:163 Resp: 1330883

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

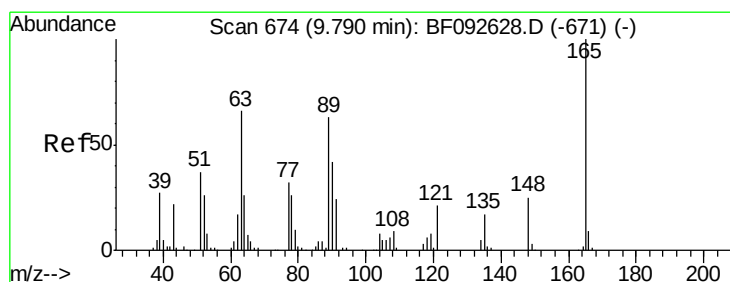
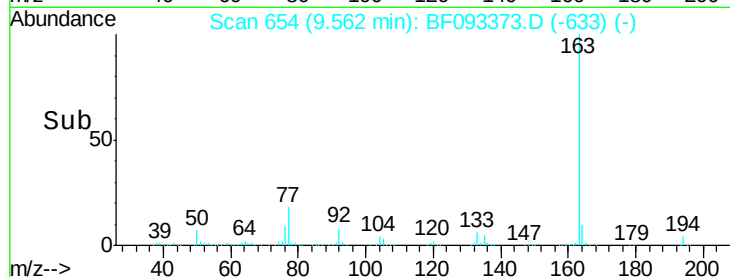
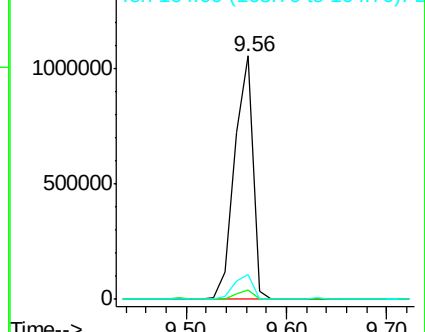
164 10.1 8.0 12.0



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: 54.45 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.06 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

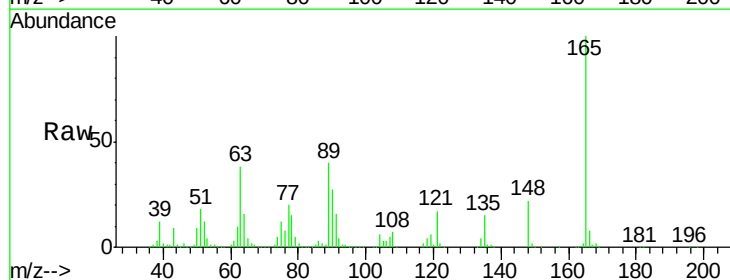
Tgt Ion:165 Resp: 293053

Ion Ratio Lower Upper

165 100

63 37.6 36.2 54.4

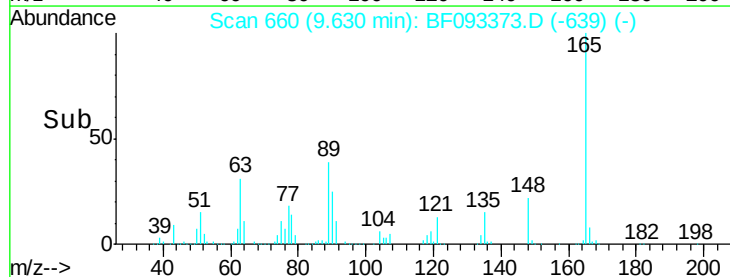
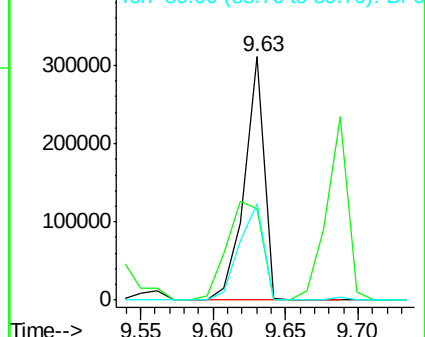
89 39.6 40.2 60.4#

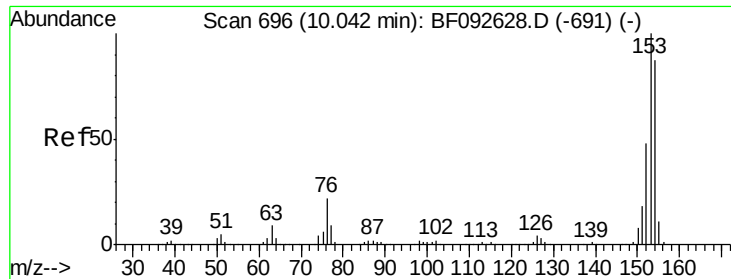


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.36 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.07 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

Instrument :

BNA_F

ClientSampleId :

SRI-MW-4-20170302MSD

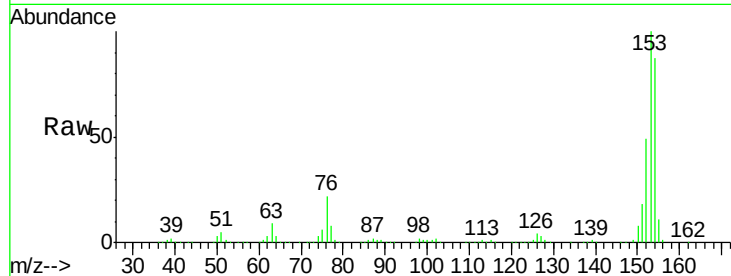
Tgt Ion:154 Resp: 873667

Ion Ratio Lower Upper

154 100

153 114.5 88.6 133.0

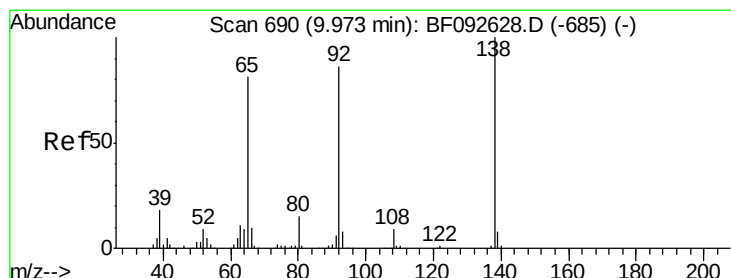
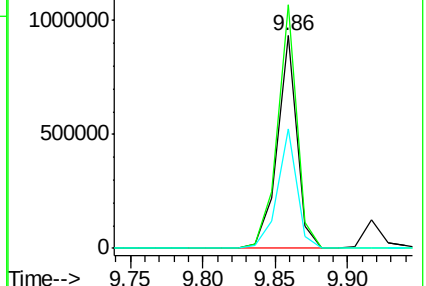
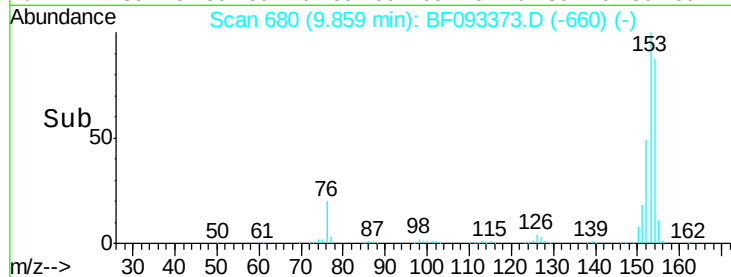
152 56.2 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 24.12 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.07 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

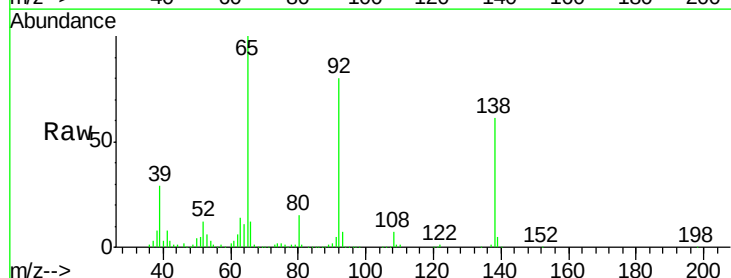
Tgt Ion:138 Resp: 148586

Ion Ratio Lower Upper

138 100

108 11.2 8.5 12.7

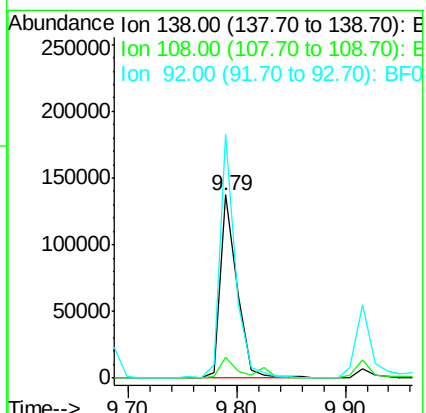
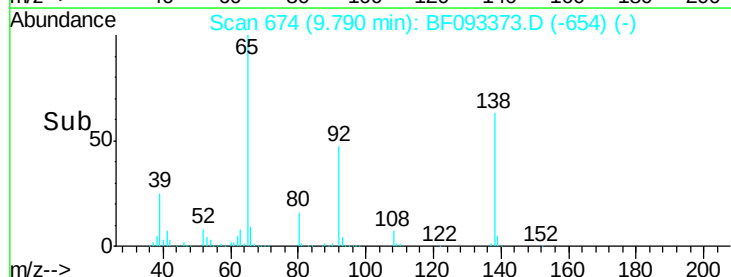
92 132.8 97.8 146.8

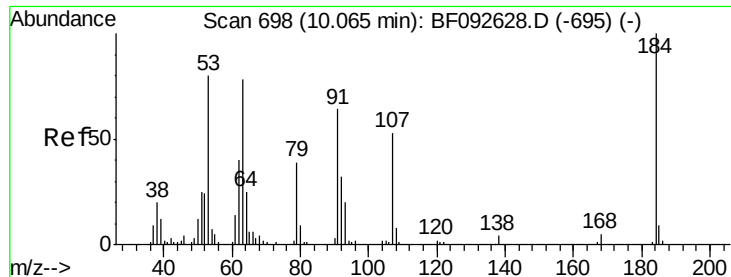


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

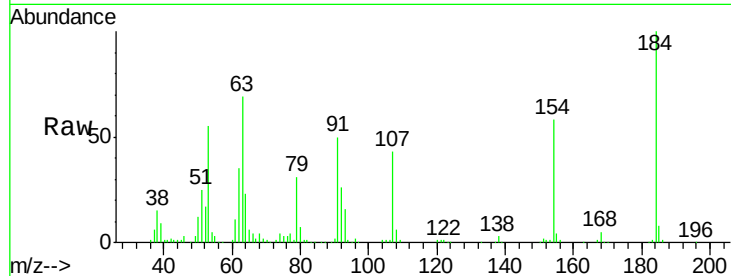




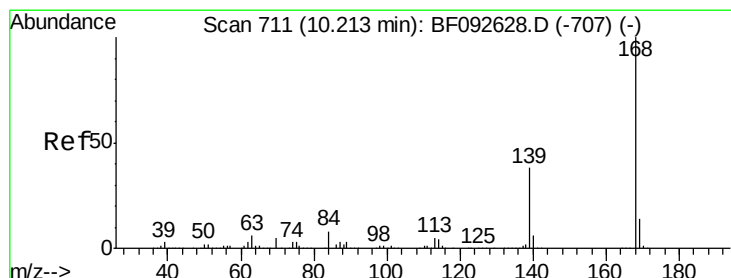
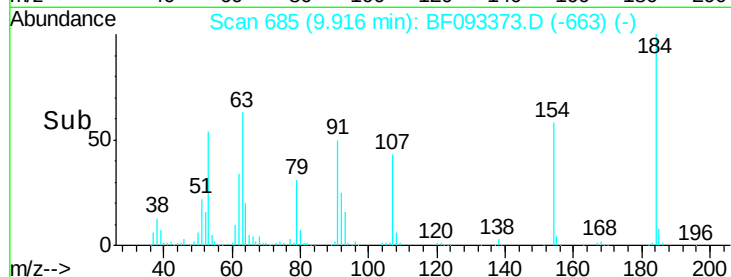
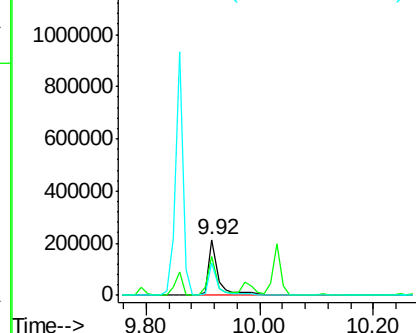
#53
 2,4-Dinitrophenol
 Concen: 93.98 ng
 RT: 9.92 min Scan# 685
 Delta R.T. -0.05 min
 Lab File: BF093373.D
 Acq: 3 Mar 2017 21:56

Instrument :
 BNA_F
 ClientSampleId :
 SRI-MW-4-20170302MSD

Tgt Ion:184 Resp: 259711
 Ion Ratio Lower Upper
 184 100
 63 68.6 28.4 42.6#
 154 57.7 44.3 66.5

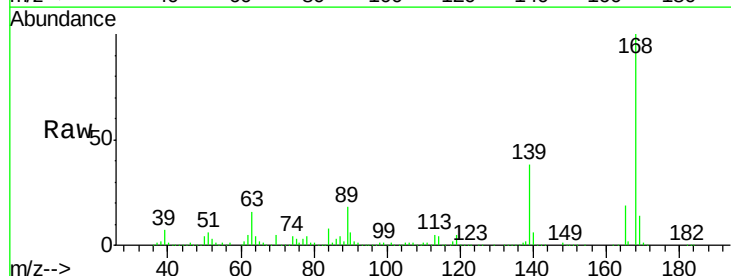


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

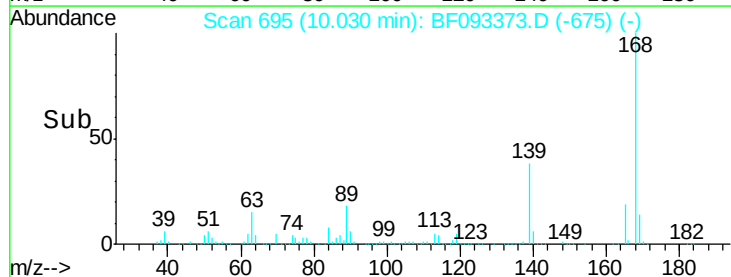
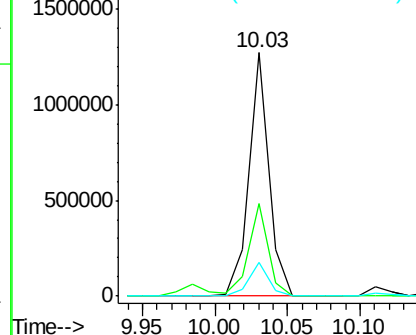


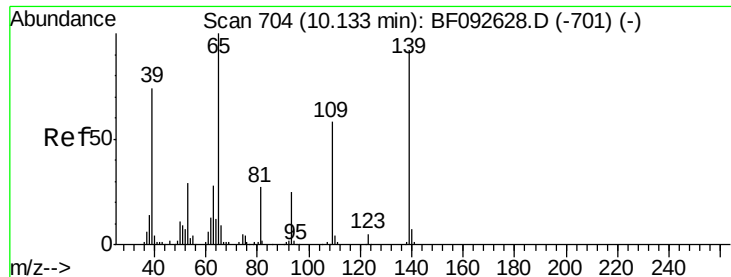
#54
 Dibenzofuran
 Concen: 42.02 ng
 RT: 10.03 min Scan# 695
 Delta R.T. -0.07 min
 Lab File: BF093373.D
 Acq: 3 Mar 2017 21:56

Tgt Ion:168 Resp: 1216663
 Ion Ratio Lower Upper
 168 100
 139 38.0 32.6 49.0
 169 13.8 11.3 16.9



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

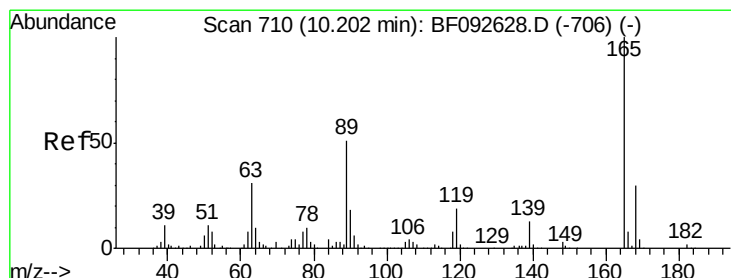
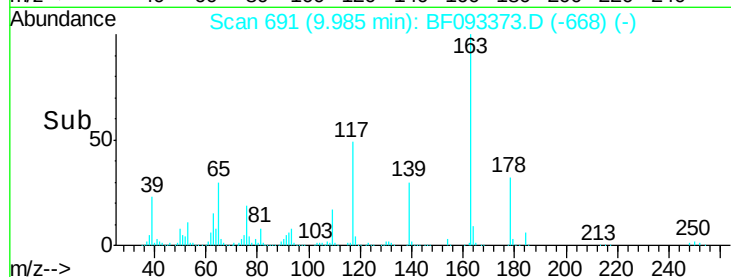
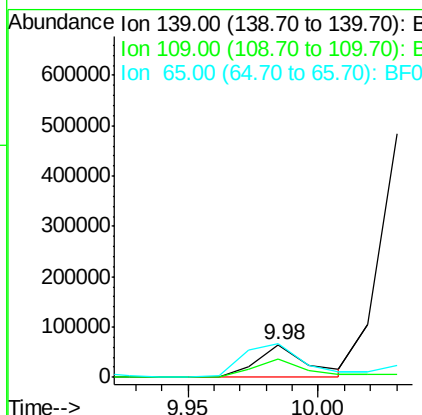
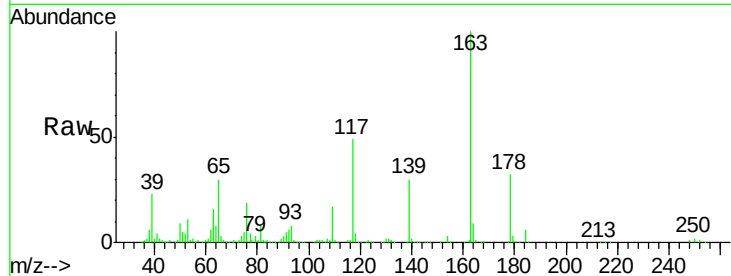




#55
4-Nitrophenol
Concen: 19.56 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.03 min
Lab File: BF093373.D
Acq: 3 Mar 2017 21:56

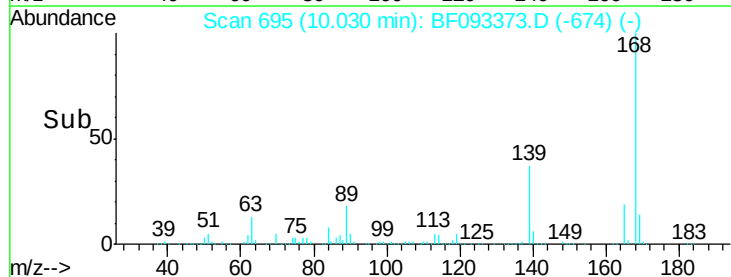
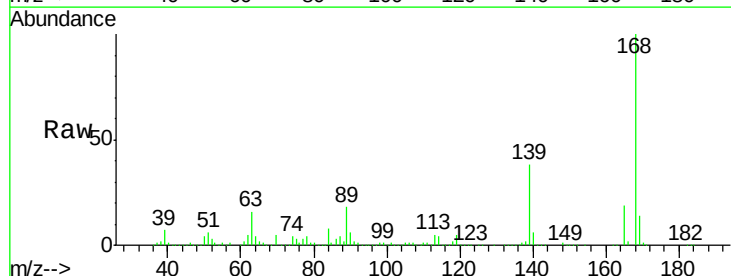
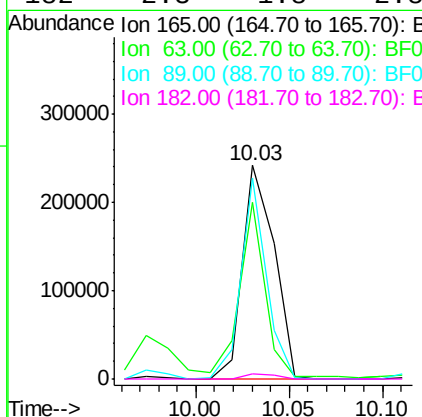
Instrument :
BNA_F
ClientSampleId :
SRI-MW-4-20170302MSD

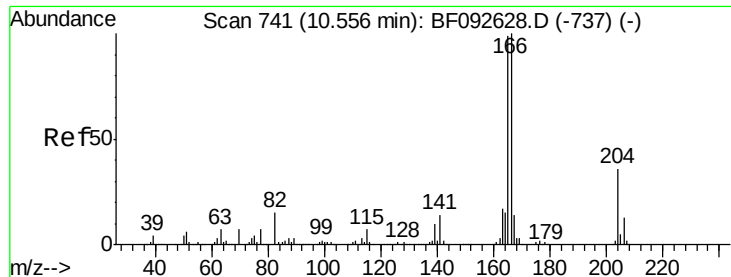
Tgt Ion:139 Resp: 86761
Ion Ratio Lower Upper
139 100
109 56.7 52.2 92.2
65 100.1 85.8 125.8



#56
2,4-Dinitrotoluene
Concen: 40.24 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.06 min
Lab File: BF093373.D
Acq: 3 Mar 2017 21:56

Tgt Ion:165 Resp: 288362
Ion Ratio Lower Upper
165 100
63 82.8 40.2 60.4#
89 94.0 62.5 93.7#
182 2.3 1.8 2.8





#57

Fluorene

Concen: 44.03 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.07 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

Instrument :

BNA_F

ClientSampleId :

SRI-MW-4-20170302MSD

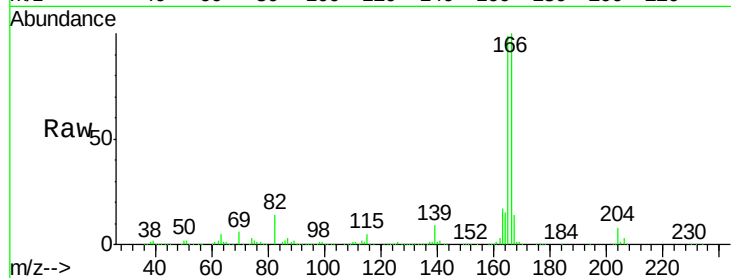
Tgt Ion:166 Resp: 980753

Ion Ratio Lower Upper

166 100

165 98.8 77.8 116.8

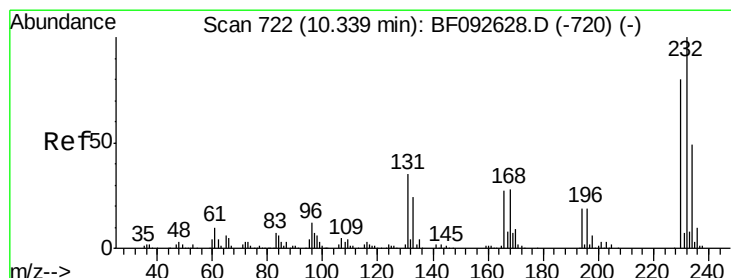
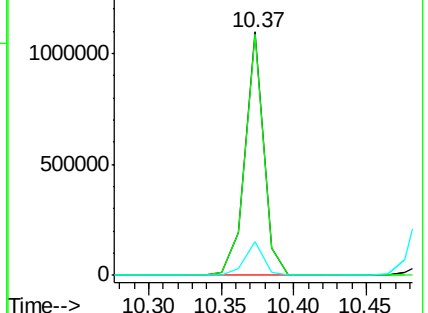
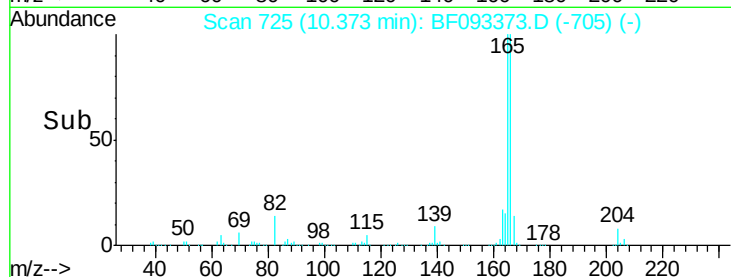
167 13.7 10.8 16.2



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: 51.23 ng

RT: 10.16 min Scan# 706

Delta R.T. -0.07 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

Tgt Ion:232 Resp: 255539

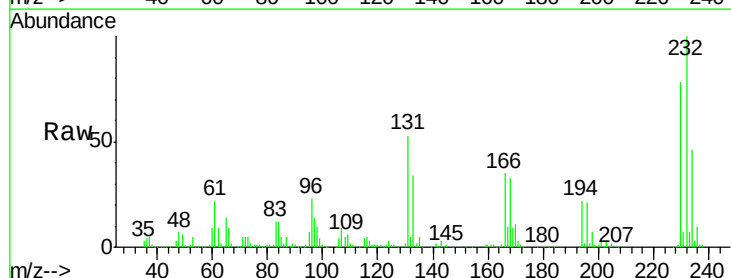
Ion Ratio Lower Upper

232 100

131 46.9 40.1 60.1

130 2.2 1.8 2.8

166 30.1 26.6 39.8

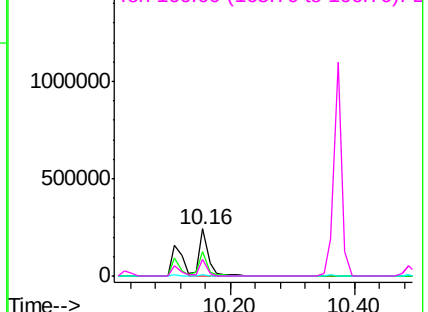
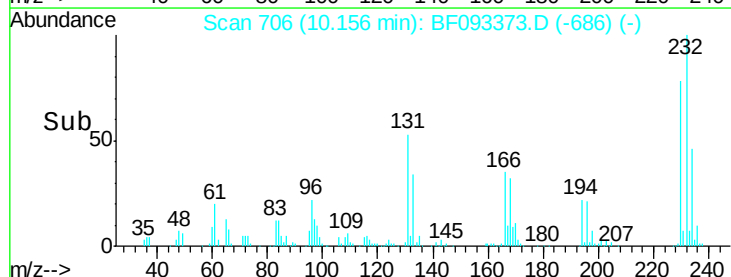


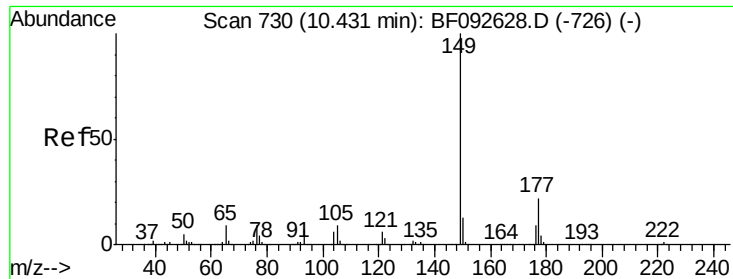
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

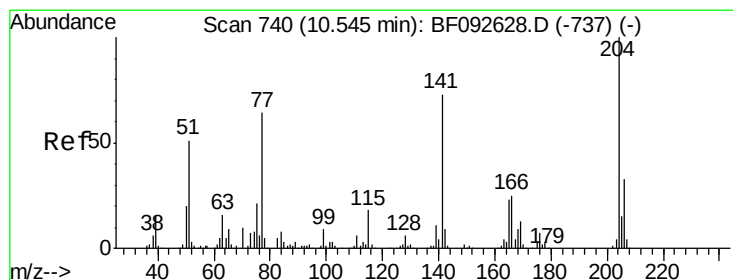
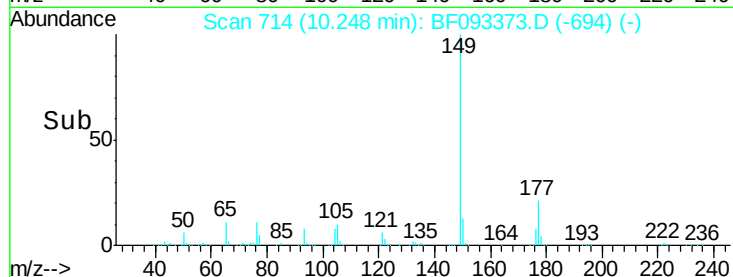
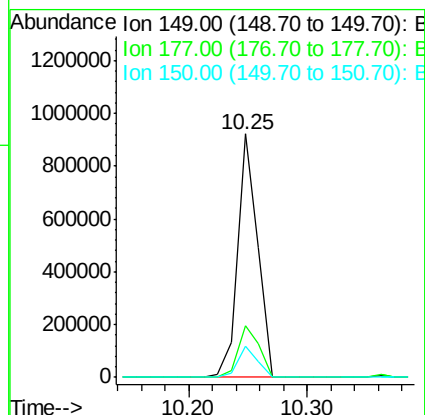
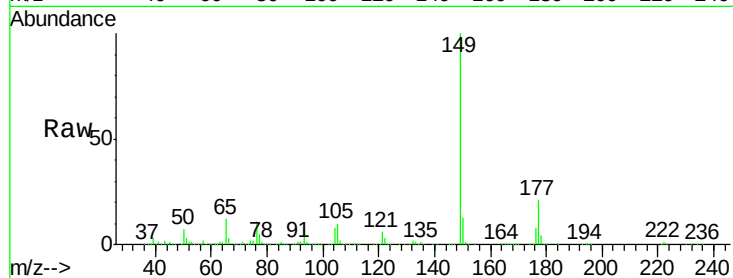




#59
Diethylphthalate
Concen: 45.60 ng
RT: 10.25 min Scan# 714
Delta R.T. -0.07 min
Lab File: BF093373.D
Acq: 3 Mar 2017 21:56

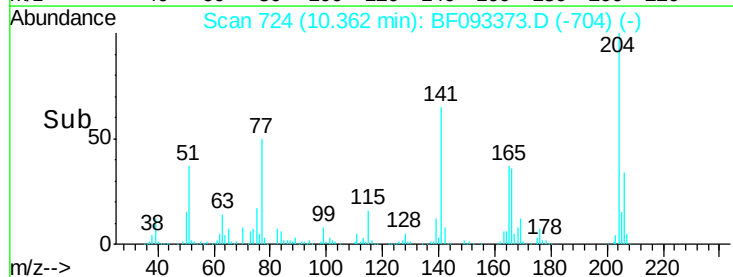
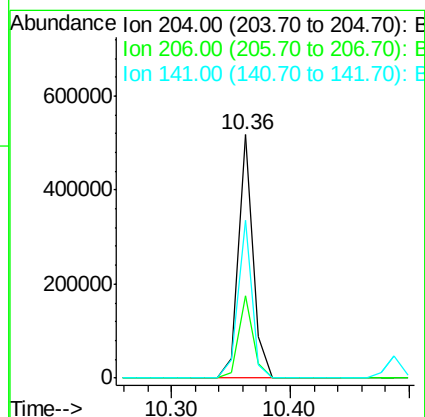
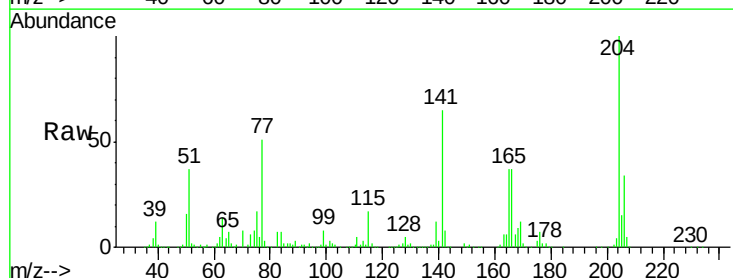
Instrument :
BNA_F
ClientSampleId :
SRI-MW-4-20170302MSD

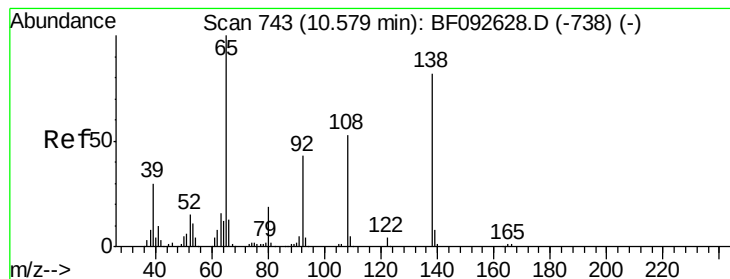
Tgt Ion:149 Resp: 1070959
Ion Ratio Lower Upper
149 100
177 21.0 16.6 25.0
150 12.8 10.4 15.6



#60
4-Chlorophenyl-phenylether
Concen: 41.68 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.07 min
Lab File: BF093373.D
Acq: 3 Mar 2017 21:56

Tgt Ion:204 Resp: 446016
Ion Ratio Lower Upper
204 100
206 33.6 25.8 38.6
141 64.9 59.4 89.0





#61

4-Nitroaniline

Concen: 37.72 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.06 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

Instrument :

BNA_F

ClientSampleId :

SRI-MW-4-20170302MSD

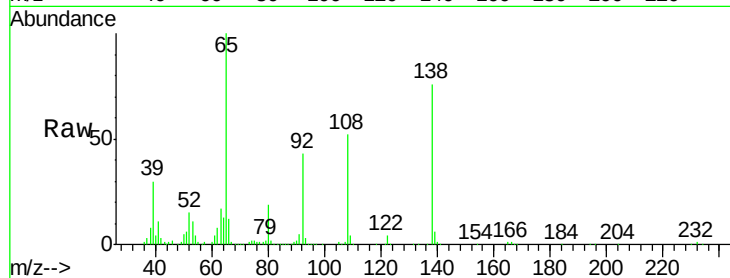
Tgt Ion:138 Resp: 237971

Ion Ratio Lower Upper

138 100

92 56.3 31.7 71.7

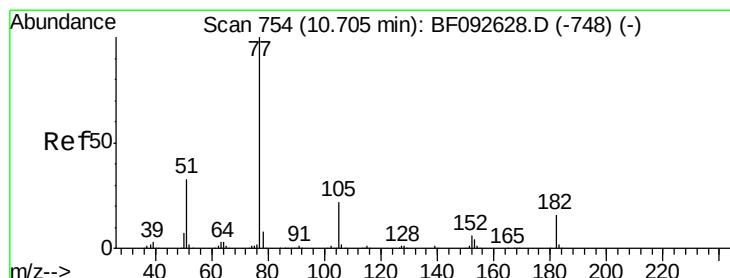
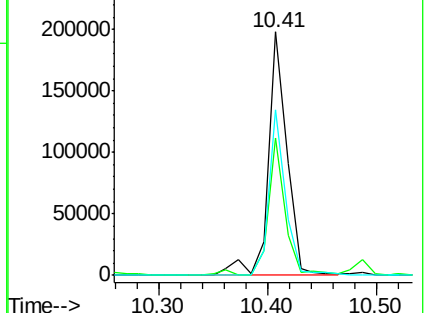
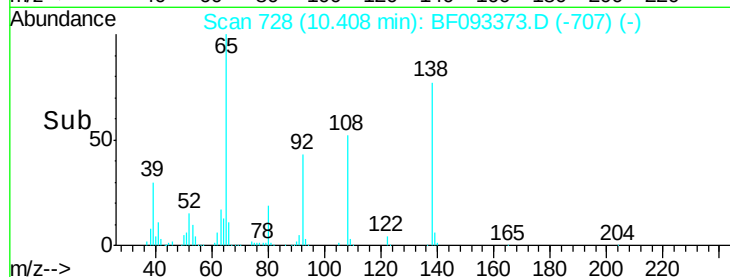
108 68.3 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 51.74 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.07 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

Tgt Ion: 77 Resp: 1255398

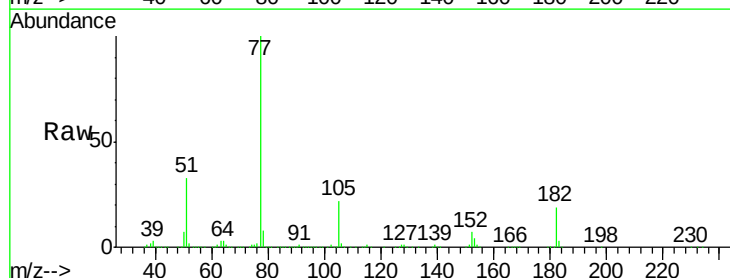
Ion Ratio Lower Upper

77 100

182 18.8 0.0 39.3

105 22.3 2.3 42.3

51 32.6 8.9 48.9

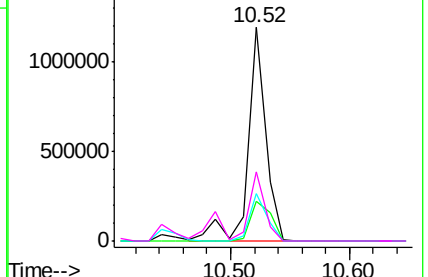
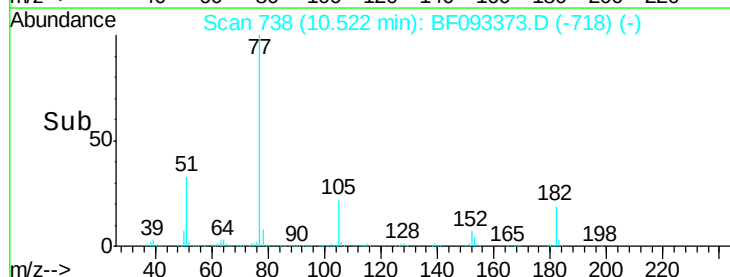


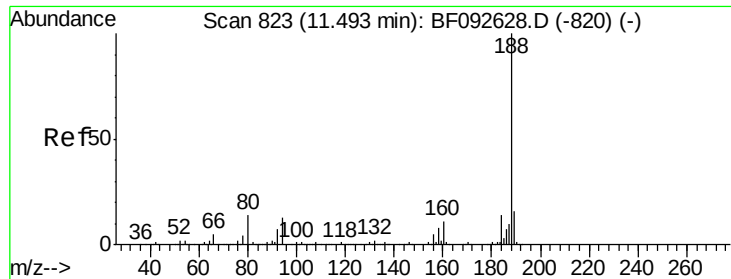
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.31 min Scan# 807

Delta R.T. -0.07 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

Instrument :

BNA_F

ClientSampleId :

SRI-MW-4-20170302MSD

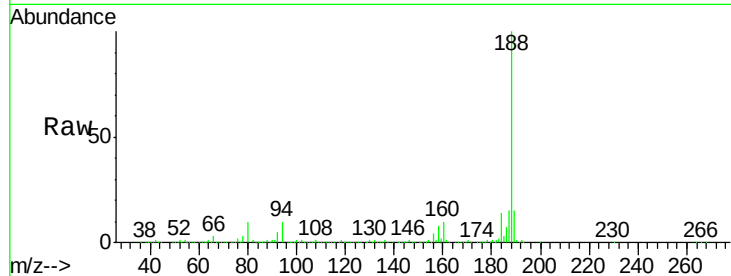
Tgt Ion:188 Resp: 659347

Ion Ratio Lower Upper

188 100

94 9.7 10.0 15.0#

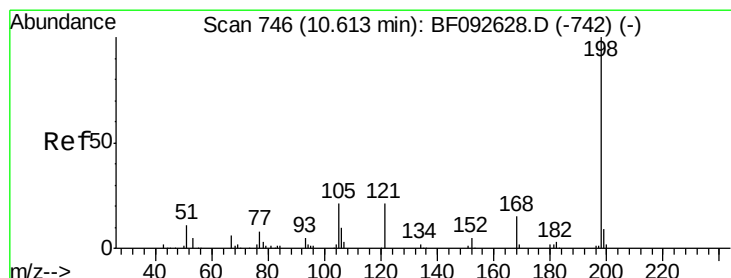
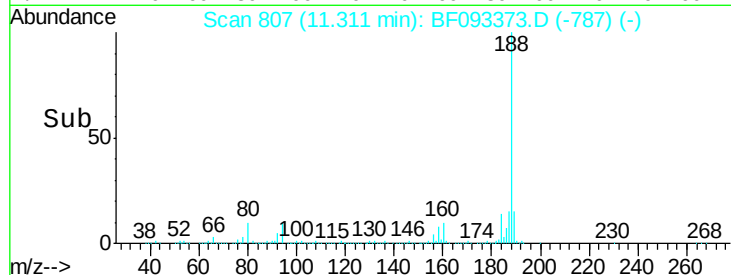
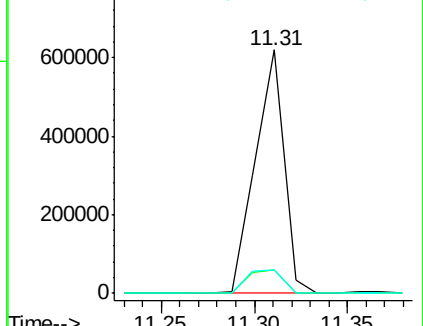
80 9.9 11.2 16.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 43.82 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.05 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

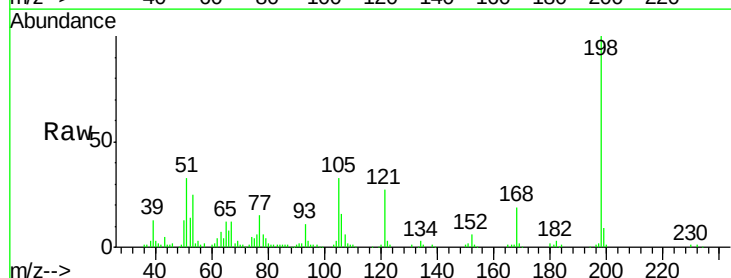
Tgt Ion:198 Resp: 174894

Ion Ratio Lower Upper

198 100

51 32.6 6.7 46.7

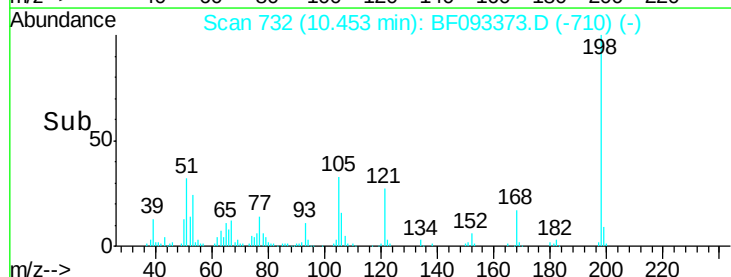
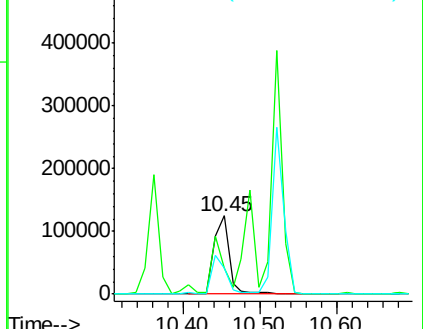
105 32.5 16.6 56.6

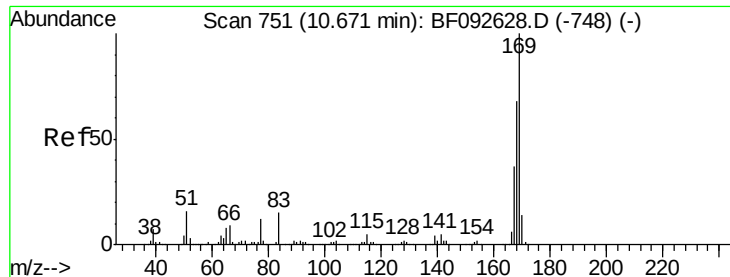


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 40.84 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.07 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

Instrument :

BNA_F

ClientSampleId :

SRI-MW-4-20170302MSD

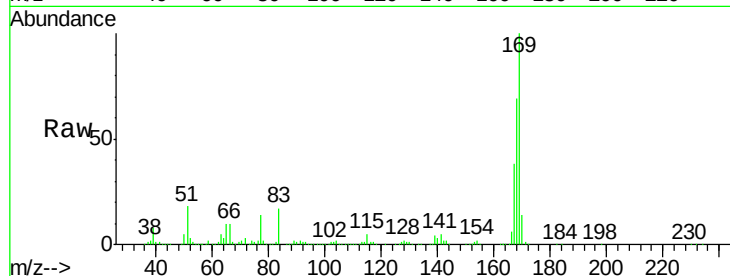
Tgt Ion:169 Resp: 860108

Ion Ratio Lower Upper

169 100

168 69.2 54.2 81.2

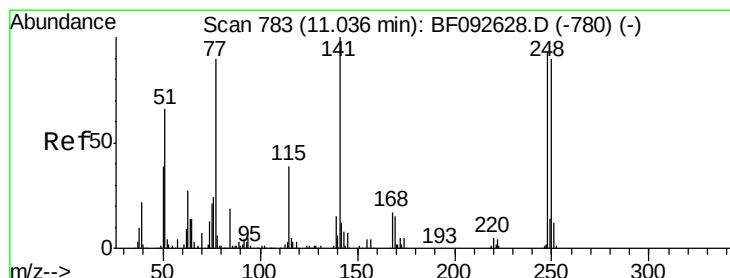
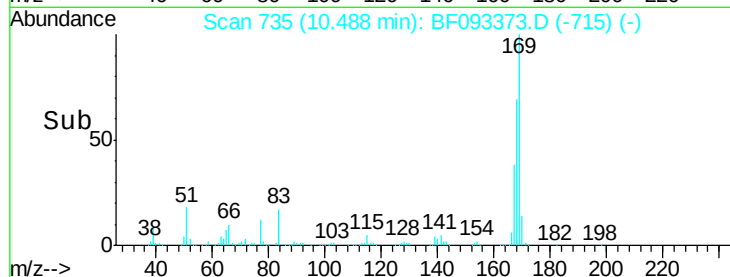
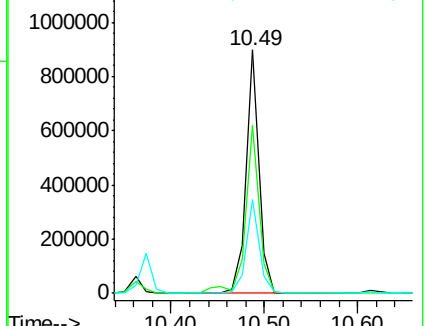
167 38.4 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 43.55 ng

RT: 10.85 min Scan# 767

Delta R.T. -0.07 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

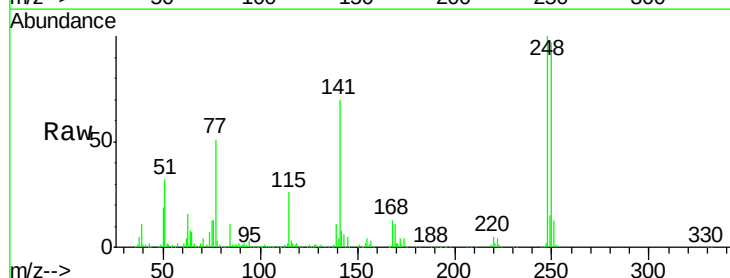
Tgt Ion:248 Resp: 300031

Ion Ratio Lower Upper

248 100

250 96.7 76.9 115.3

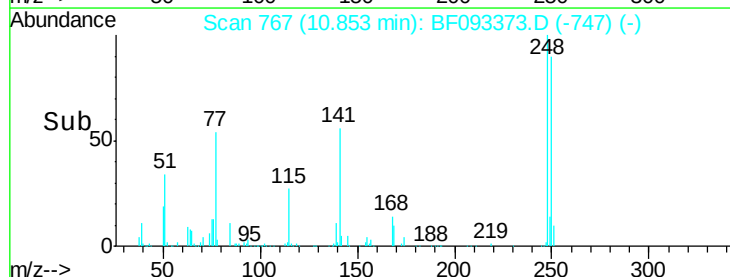
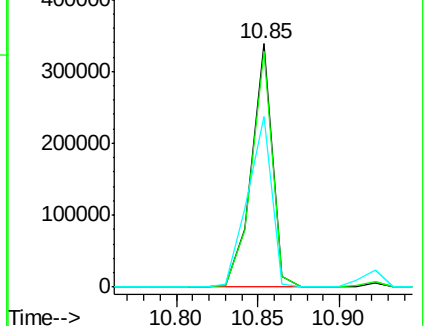
141 69.9 68.2 102.4

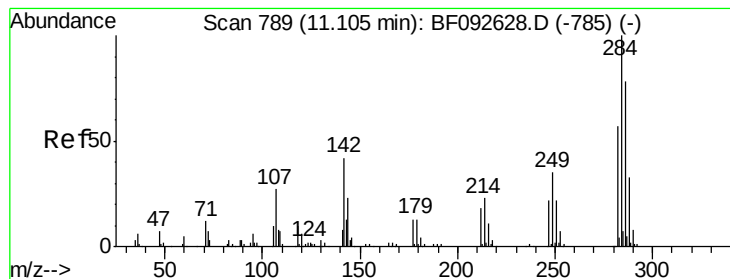


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.56 ng

RT: 10.92 min Scan# 773

Delta R.T. -0.07 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

Instrument :

BNA_F

ClientSampleId :

SRI-MW-4-20170302MSD

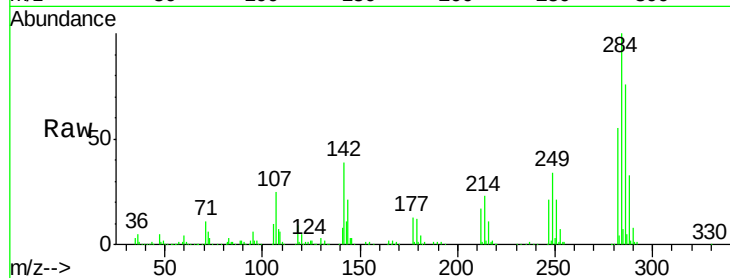
Tgt Ion:284 Resp: 276126

Ion Ratio Lower Upper

284 100

142 39.2 22.6 33.8#

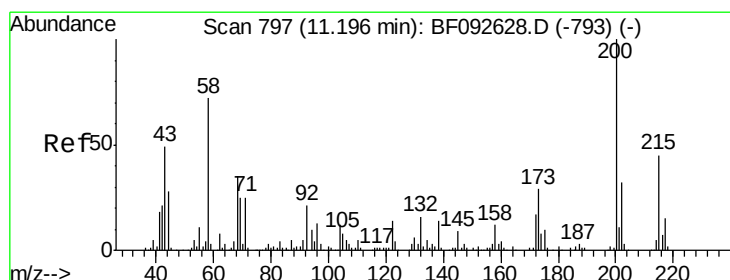
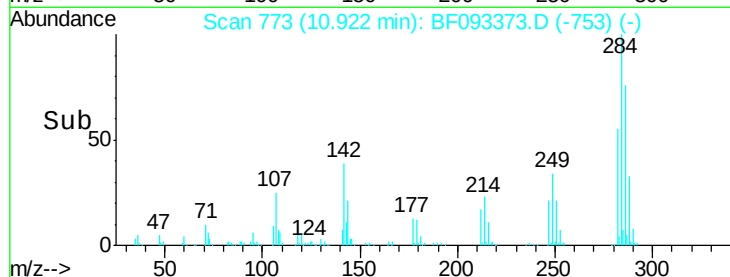
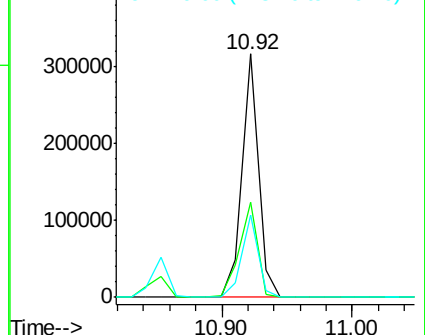
249 33.8 25.4 38.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 43.26 ng

RT: 11.01 min Scan# 781

Delta R.T. -0.07 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

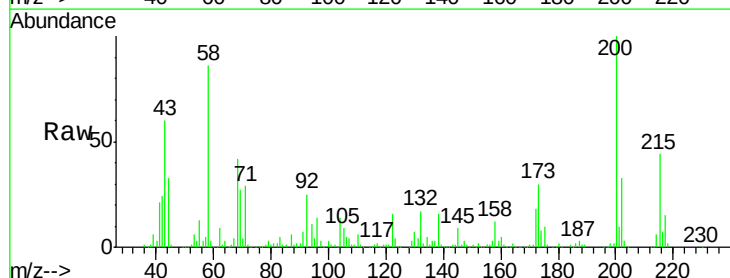
Tgt Ion:200 Resp: 292417

Ion Ratio Lower Upper

200 100

173 29.9 9.6 49.6

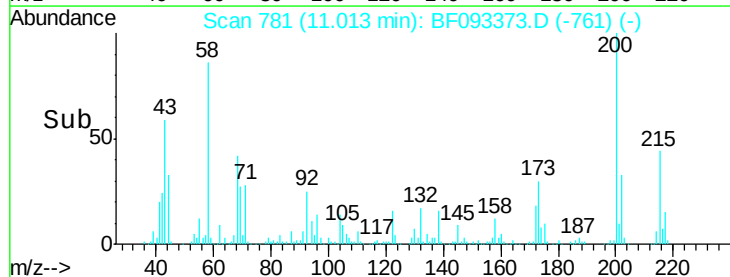
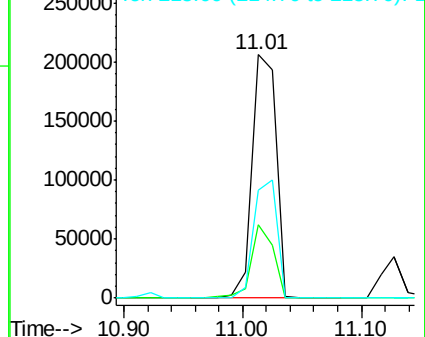
215 44.3 25.7 65.7

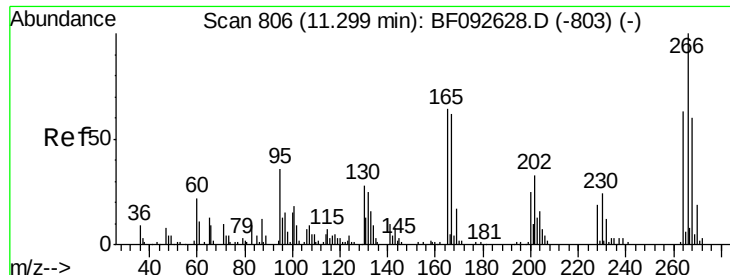


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

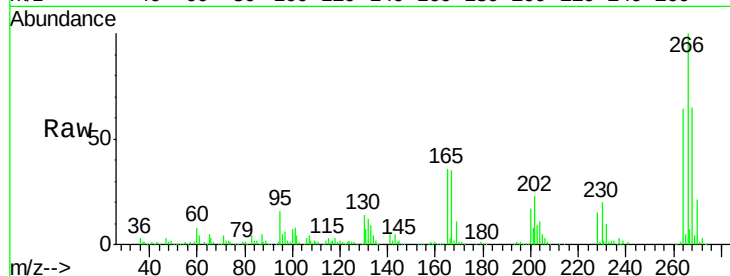




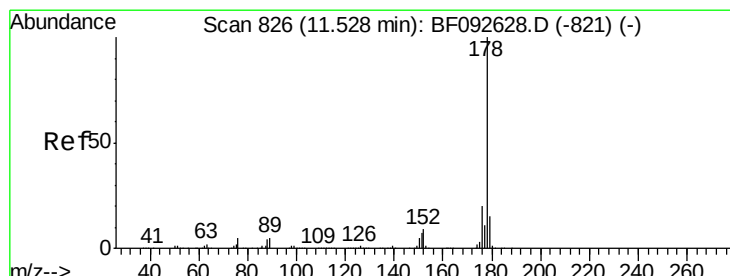
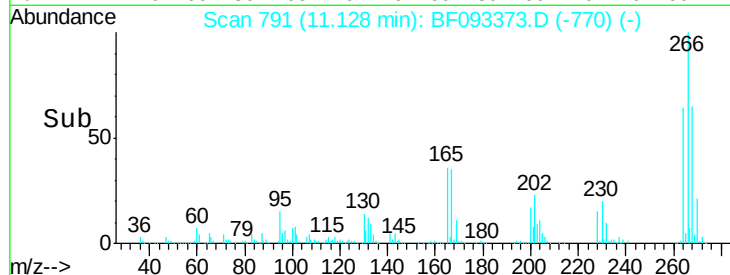
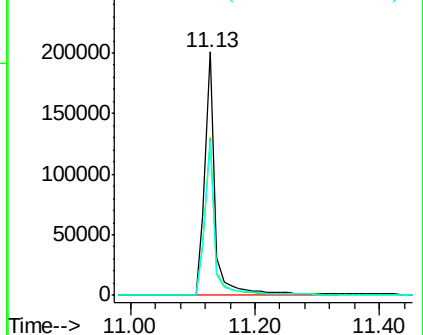
#69
 Pentachlorophenol
 Concen: 69.70 ng
 RT: 11.13 min Scan# 791
 Delta R.T. -0.06 min
 Lab File: BF093373.D
 Acq: 3 Mar 2017 21:56

Instrument :
 BNA_F
 ClientSampleId :
 SRI-MW-4-20170302MSD

Tgt Ion:266 Resp: 241348
 Ion Ratio Lower Upper
 266 100
 268 64.9 53.3 79.9
 264 63.5 50.3 75.5

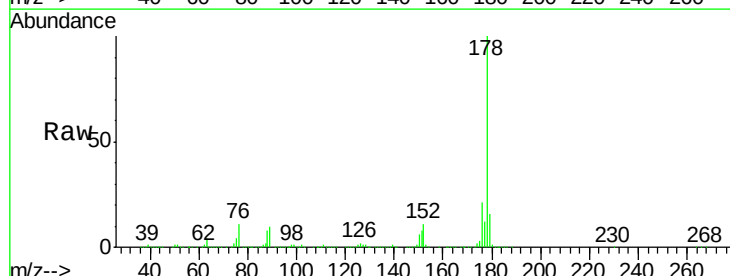


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

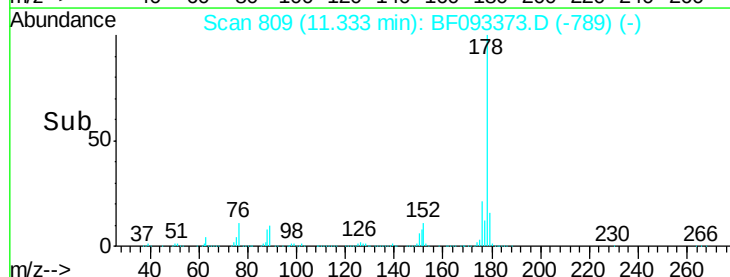
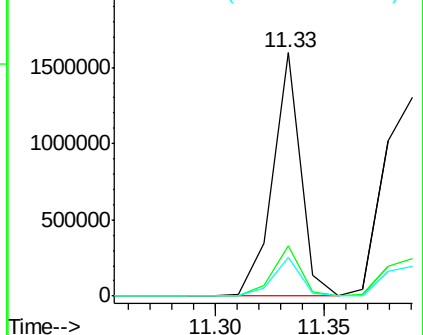


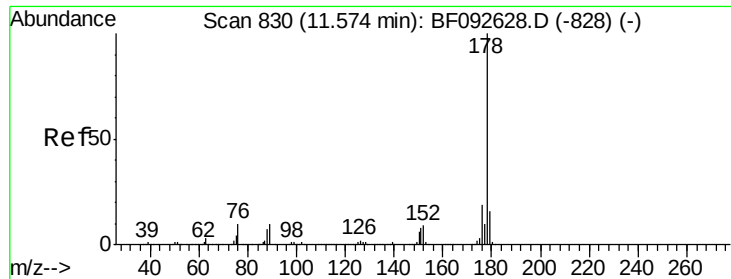
#70
 Phenanthrene
 Concen: 37.95 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.07 min
 Lab File: BF093373.D
 Acq: 3 Mar 2017 21:56

Tgt Ion:178 Resp: 1433591
 Ion Ratio Lower Upper
 178 100
 176 20.5 16.6 25.0
 179 15.7 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

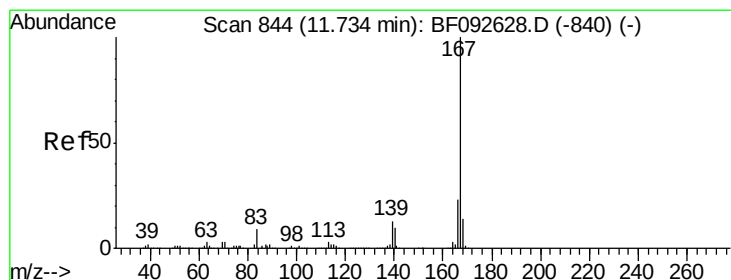
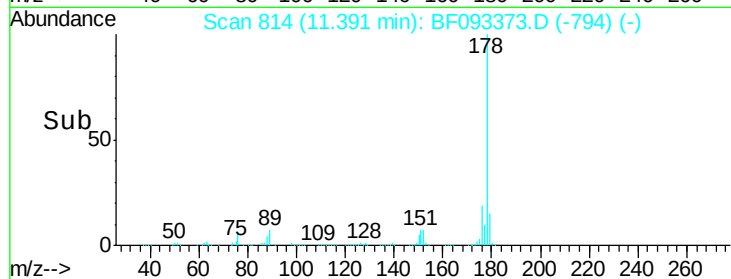
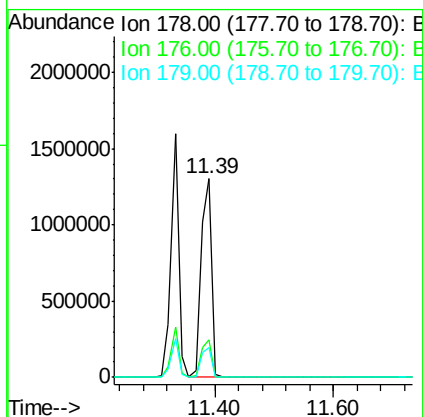
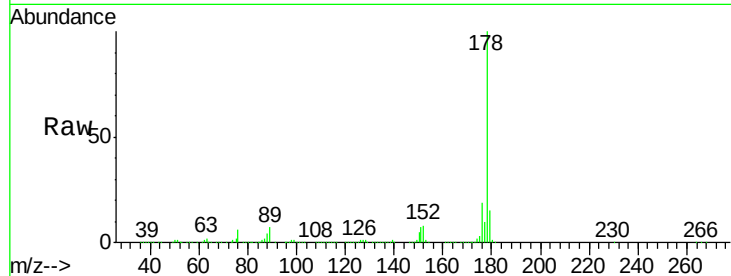




#71
 Anthracene
 Concen: 43.41 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.07 min
 Lab File: BF093373.D
 Acq: 3 Mar 2017 21:56

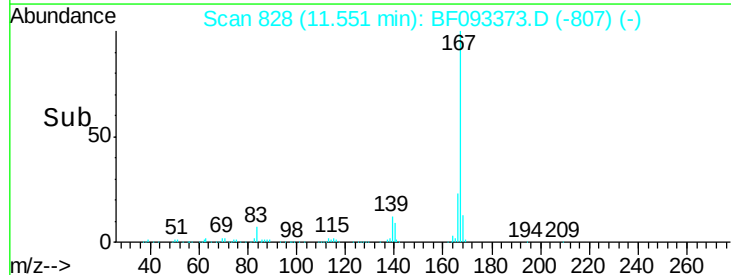
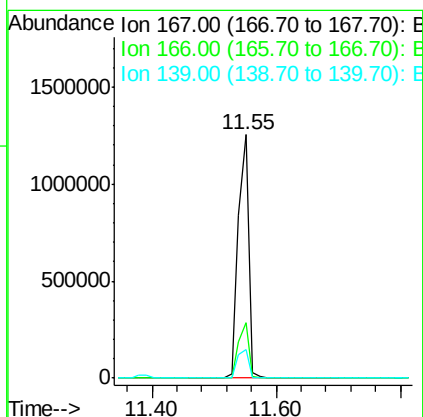
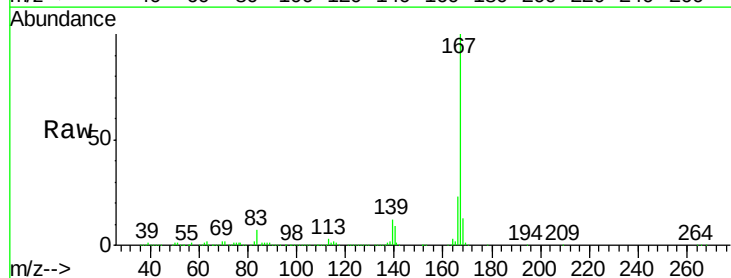
Instrument :
 BNA_F
 ClientSampleId :
 SRI-MW-4-20170302MSD

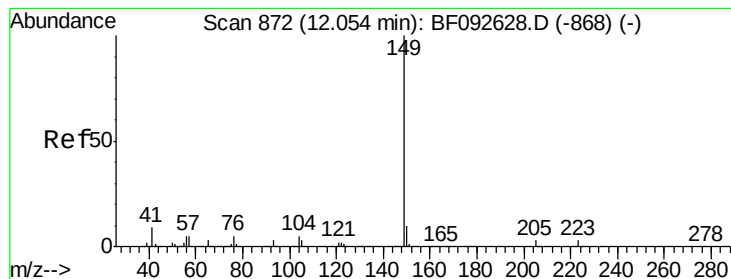
Tgt Ion:178 Resp: 1646635
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.9 23.9
 179 15.3 13.2 19.8



#72
 Carbazole
 Concen: 40.96 ng
 RT: 11.55 min Scan# 828
 Delta R.T. -0.06 min
 Lab File: BF093373.D
 Acq: 3 Mar 2017 21:56

Tgt Ion:167 Resp: 1485288
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.2 27.2
 139 11.8 11.4 17.2





#73

Di-n-butylphthalate

Concen: 47.71 ng

RT: 11.87 min Scan# 856

Delta R.T. -0.07 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

Instrument :

BNA_F

ClientSampleId :

SRI-MW-4-20170302MSD

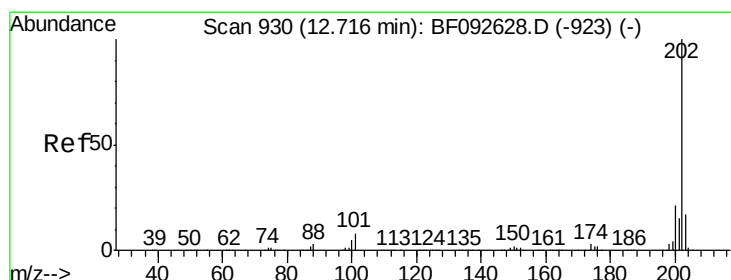
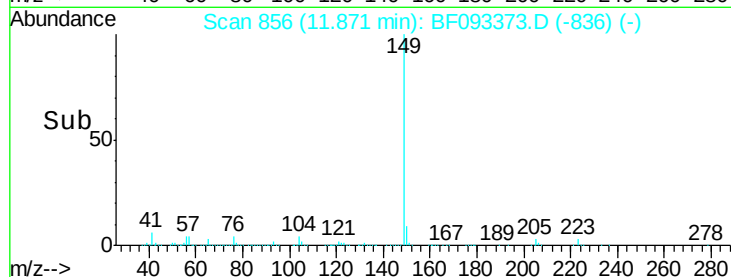
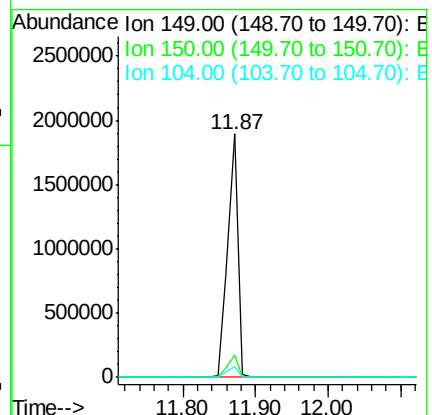
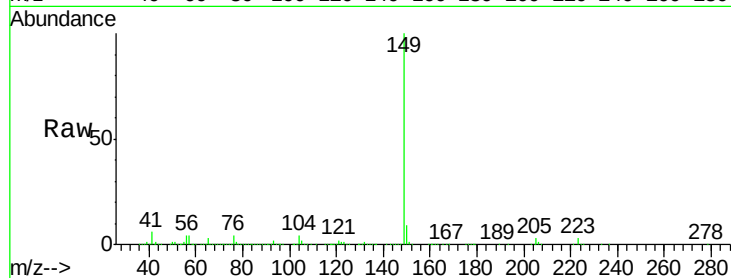
Tgt Ion:149 Resp: 1870954

Ion Ratio Lower Upper

149 100

150 9.1 8.1 12.1

104 4.2 4.6 7.0#



#74

Fluoranthene

Concen: 41.11 ng

RT: 12.52 min Scan# 913

Delta R.T. -0.07 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

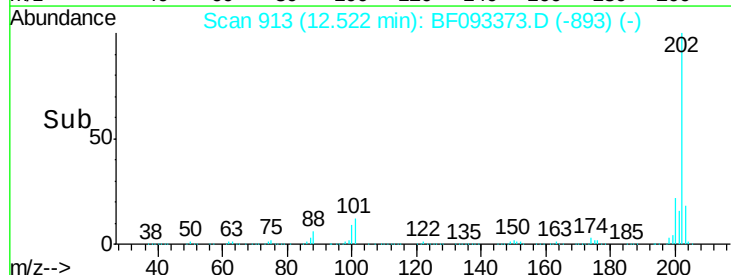
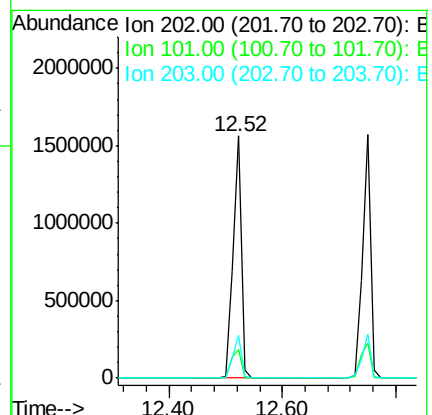
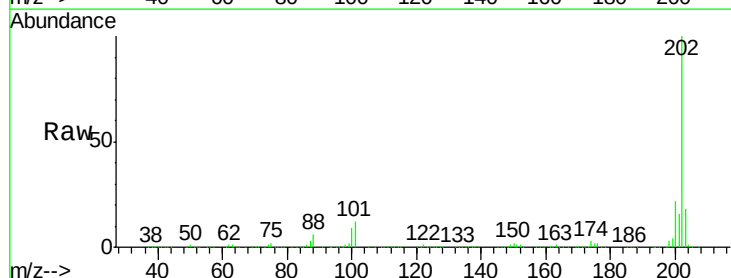
Tgt Ion:202 Resp: 1601908

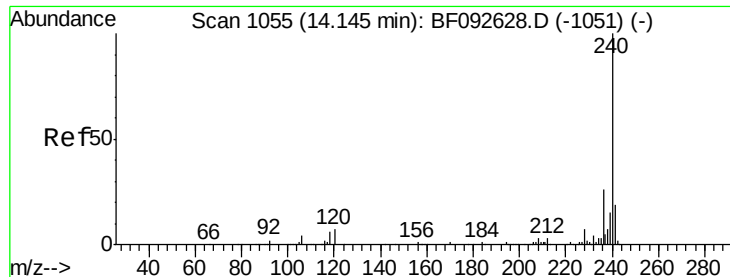
Ion Ratio Lower Upper

202 100

101 11.8 0.0 34.6

203 17.8 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.07 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

Instrument :

BNA_F

ClientSampleId :

SRI-MW-4-20170302MSD

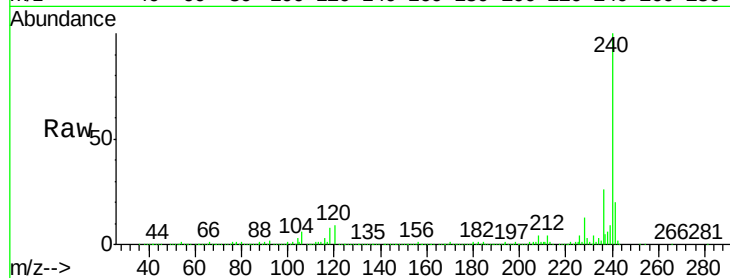
Tgt Ion:240 Resp: 500275

Ion Ratio Lower Upper

240 100

120 9.5 12.9 19.3#

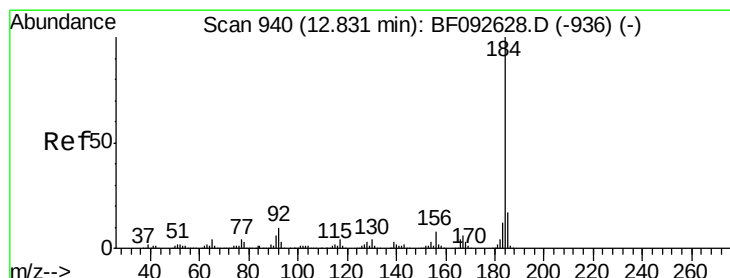
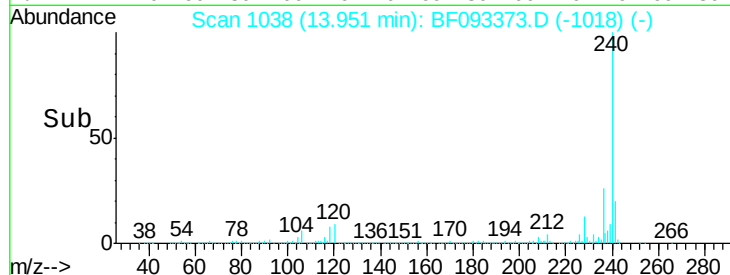
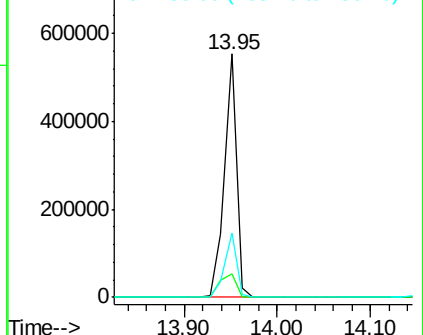
236 26.3 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 22.05 ng

RT: 12.65 min Scan# 924

Delta R.T. -0.07 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

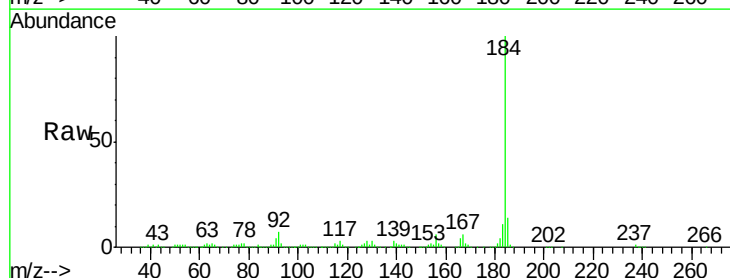
Tgt Ion:184 Resp: 470150

Ion Ratio Lower Upper

184 100

185 13.7 13.4 20.0

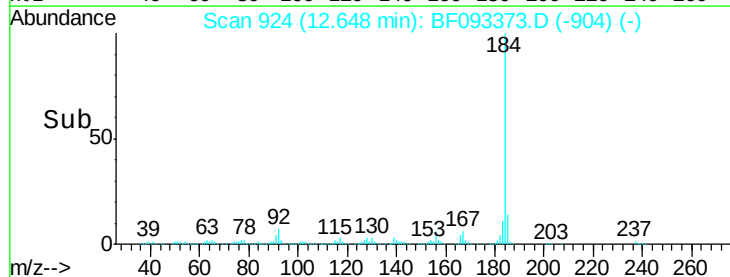
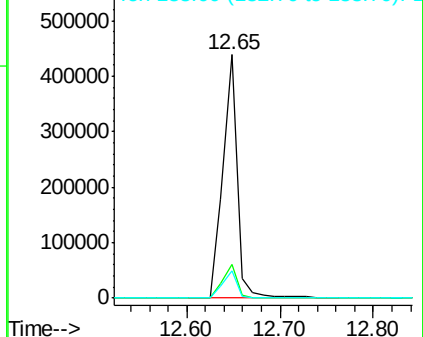
183 11.4 9.2 13.8

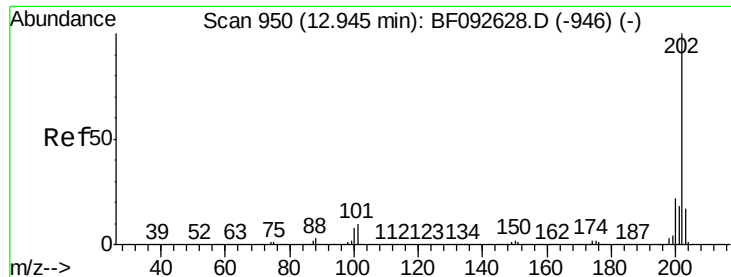


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



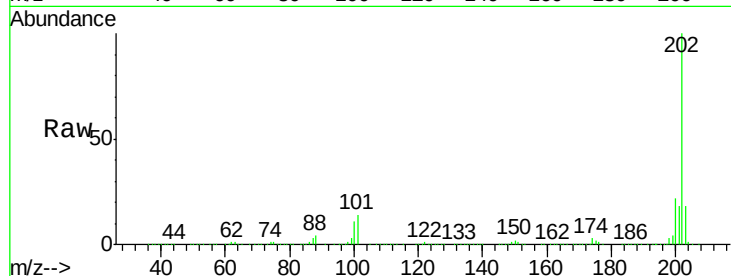


#77
 Pyrene
 Concen: 41.89 ng
 RT: 12.75 min Scan# 933
 Delta R.T. -0.07 min
 Lab File: BF093373.D
 Acq: 3 Mar 2017 21:56

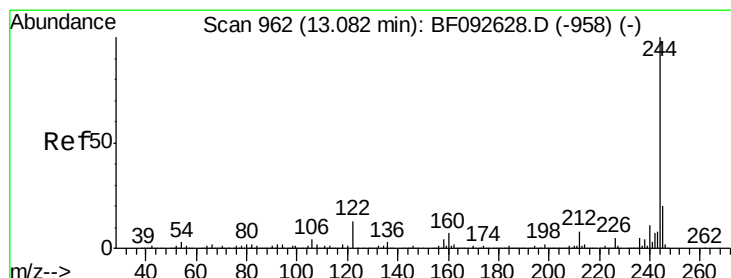
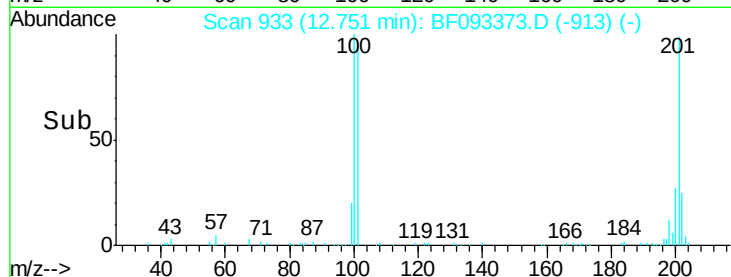
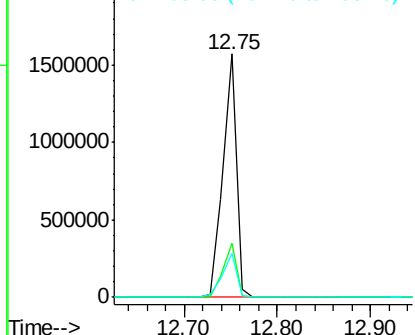
Instrument :
 BNA_F
 ClientSampleId :
 SRI-MW-4-20170302MSD

Tgt Ion: 202 Resp: 1568319

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.7	26.5
203	17.8	14.7	22.1



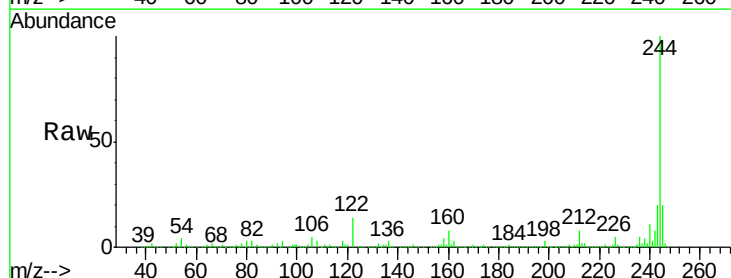
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E



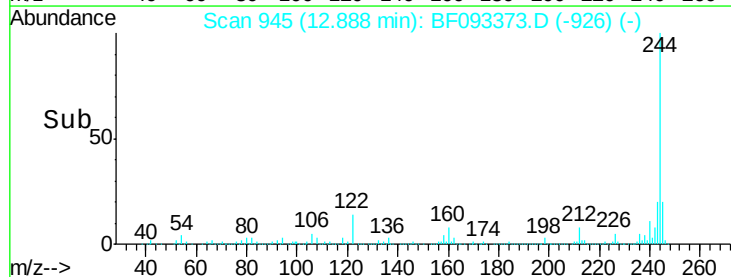
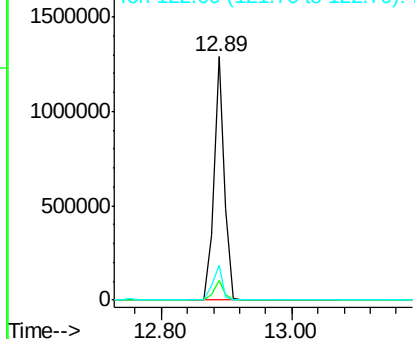
#78
 Terphenyl-d14
 Concen: 68.94 ng
 RT: 12.89 min Scan# 945
 Delta R.T. -0.08 min
 Lab File: BF093373.D
 Acq: 3 Mar 2017 21:56

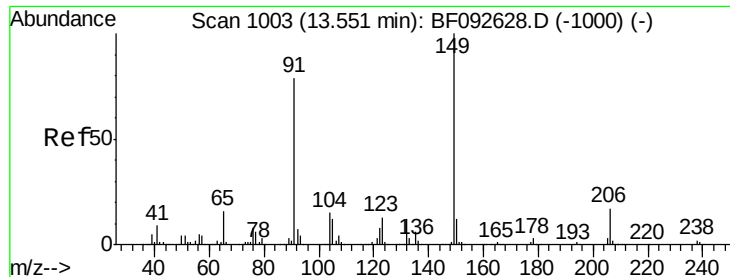
Tgt Ion: 244 Resp: 1467889

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	14.1	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

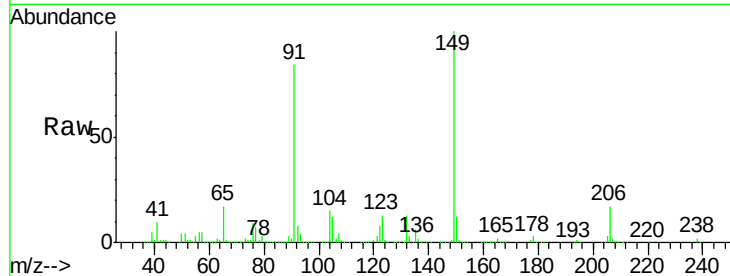




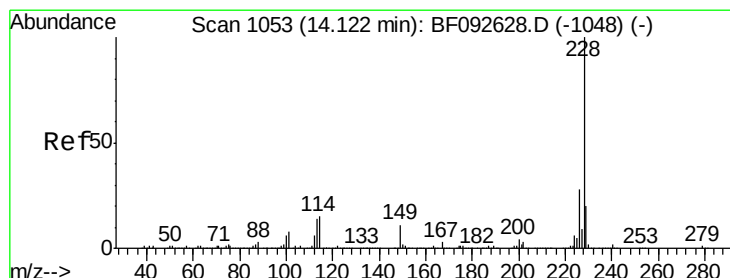
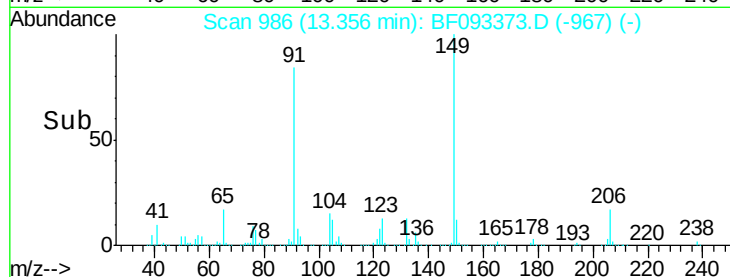
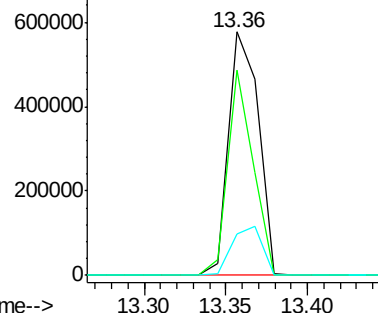
#79
Butylbenzylphthalate
Concen: 48.50 ng
RT: 13.36 min Scan# 986
Delta R.T. -0.08 min
Lab File: BF093373.D
Acq: 3 Mar 2017 21:56

Instrument :
BNA_F
ClientSampleId :
SRI-MW-4-20170302MSD

Tgt Ion:149 Resp: 737312
Ion Ratio Lower Upper
149 100
91 84.4 63.9 95.9
206 17.0 14.6 21.8

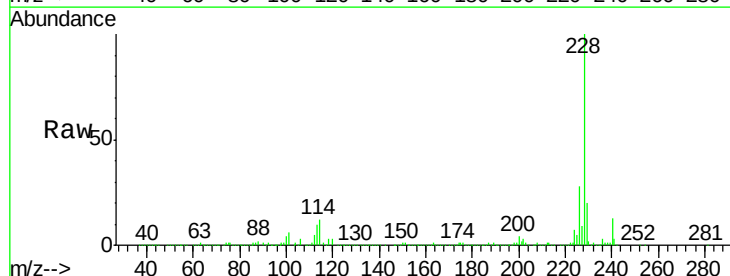


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

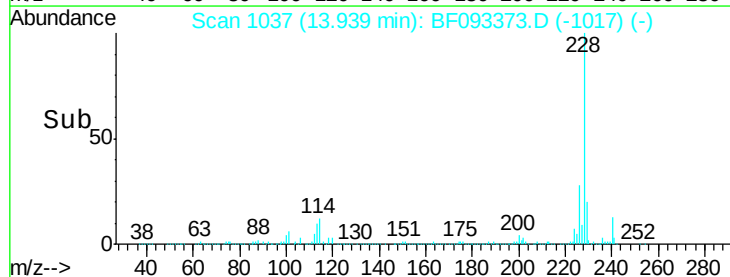
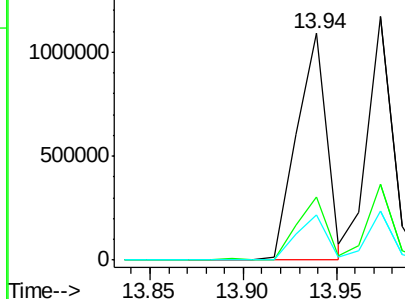


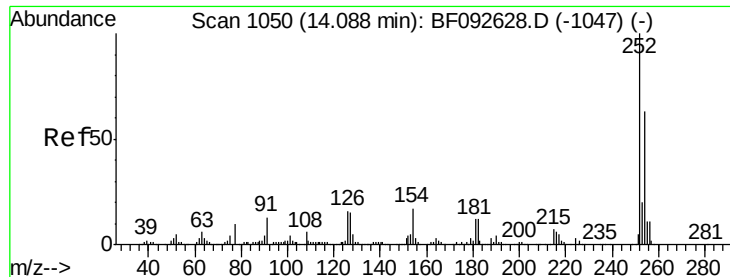
#80
Benzo(a)anthracene
Concen: 40.04 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.07 min
Lab File: BF093373.D
Acq: 3 Mar 2017 21:56

Tgt Ion:228 Resp: 1225162
Ion Ratio Lower Upper
228 100
226 27.9 22.4 33.6
229 19.7 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

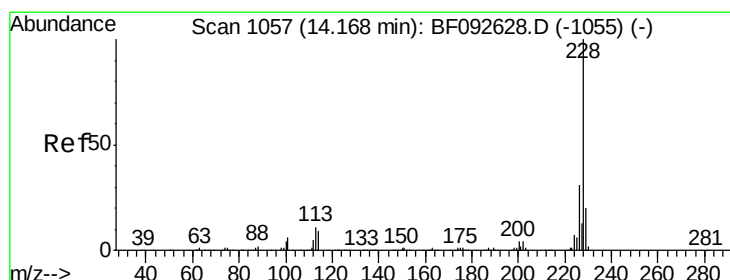
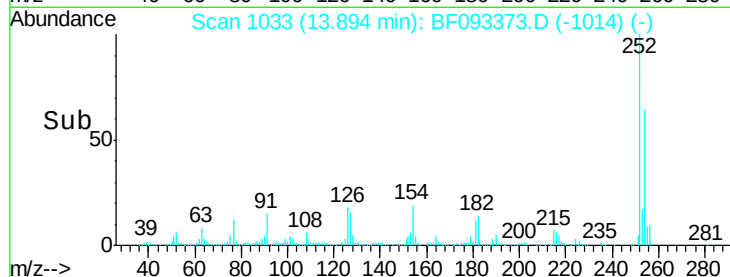
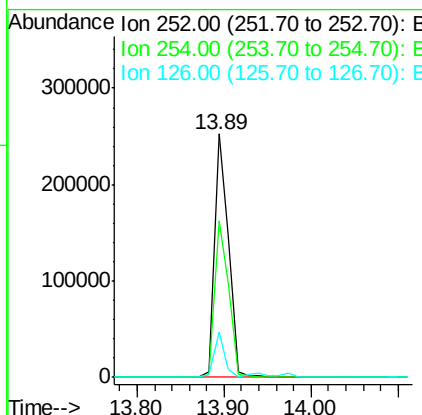
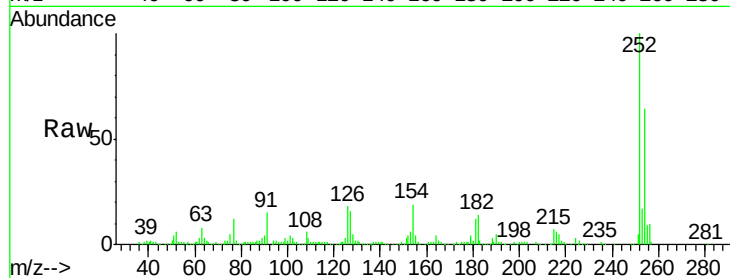




#81
 3,3'-Dichlorobenzidine
 Concen: 26.48 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.08 min
 Lab File: BF093373.D
 Acq: 3 Mar 2017 21:56

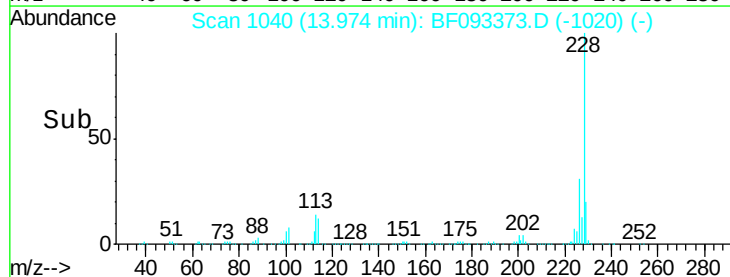
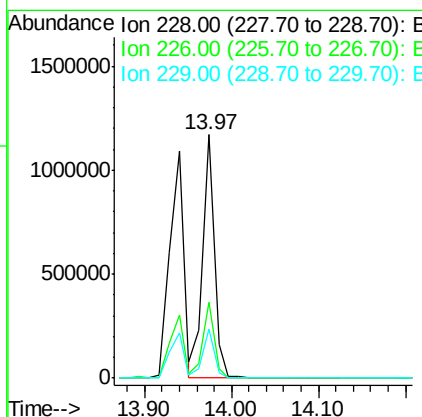
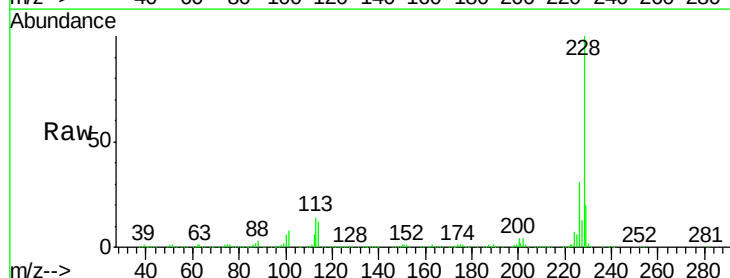
Instrument :
 BNA_F
 ClientSampleId :
 SRI-MW-4-20170302MSD

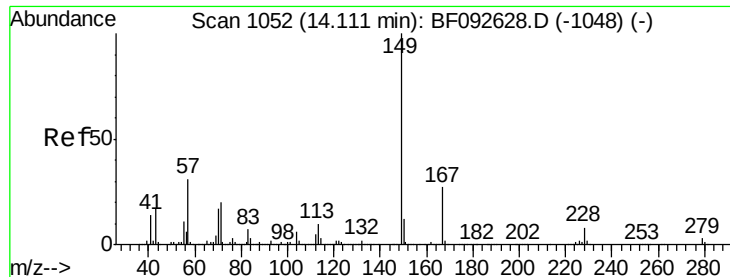
Tgt Ion:252 Resp: 288779
 Ion Ratio Lower Upper
 252 100
 254 64.3 52.3 78.5
 126 18.3 13.6 20.4



#82
 Chrysene
 Concen: 37.92 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.07 min
 Lab File: BF093373.D
 Acq: 3 Mar 2017 21:56

Tgt Ion:228 Resp: 1086437
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.4 38.0
 229 20.1 16.2 24.2

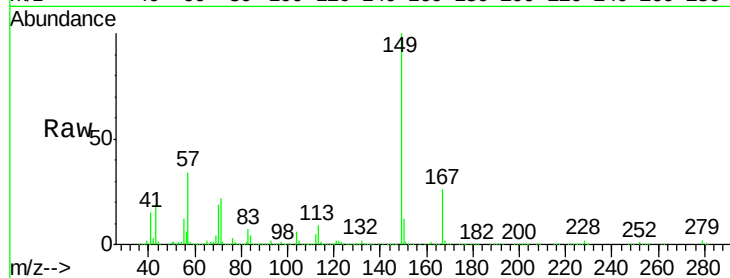




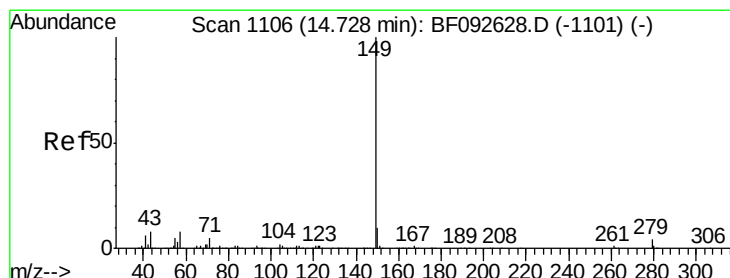
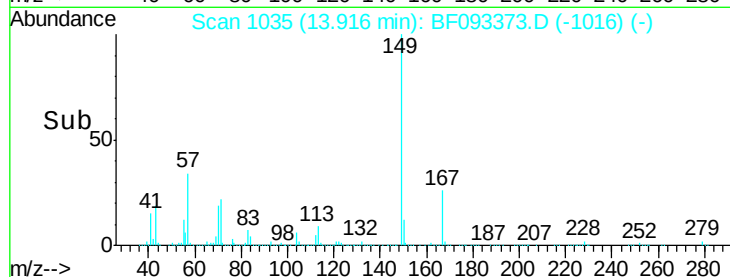
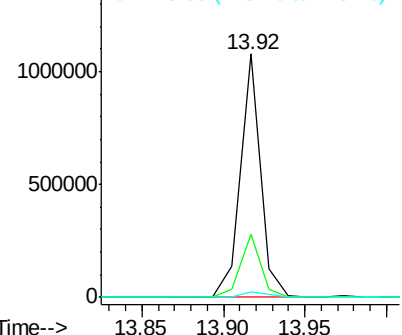
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.57 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.08 min
 Lab File: BF093373.D
 Acq: 3 Mar 2017 21:56

Instrument :
 BNA_F
 ClientSampleId :
 SRI-MW-4-20170302MSD

Tgt Ion:149 Resp: 926725
 Ion Ratio Lower Upper
 149 100
 167 26.1 20.2 30.4
 279 2.5 1.8 2.8

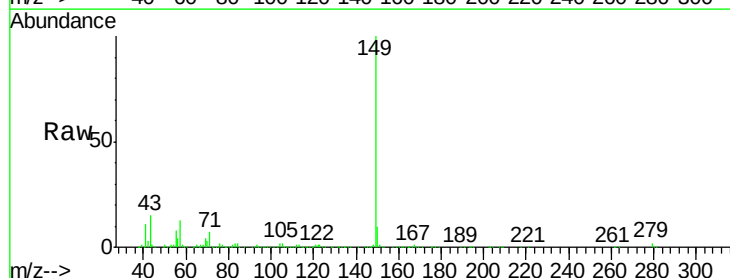


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

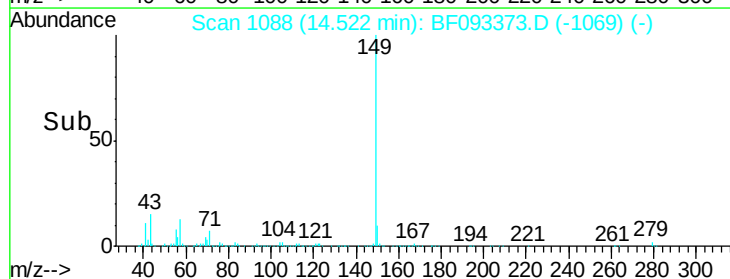
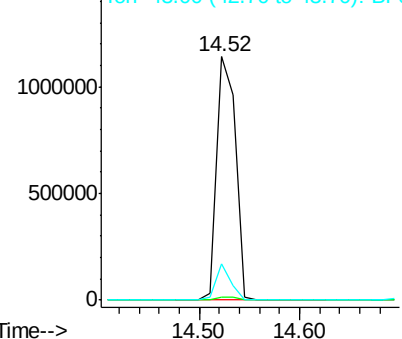


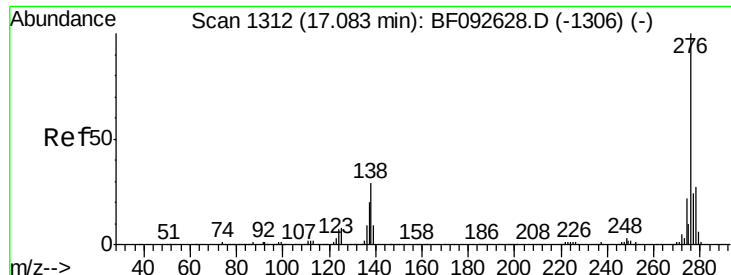
#84
 Di-n-octyl phthalate
 Concen: 43.71 ng
 RT: 14.52 min Scan# 1088
 Delta R.T. -0.08 min
 Lab File: BF093373.D
 Acq: 3 Mar 2017 21:56

Tgt Ion:149 Resp: 1479932
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 11.8 8.9 13.3



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

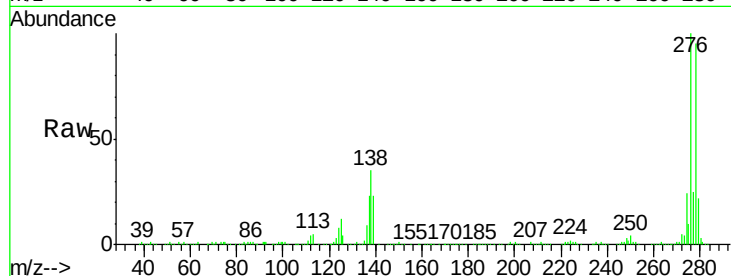




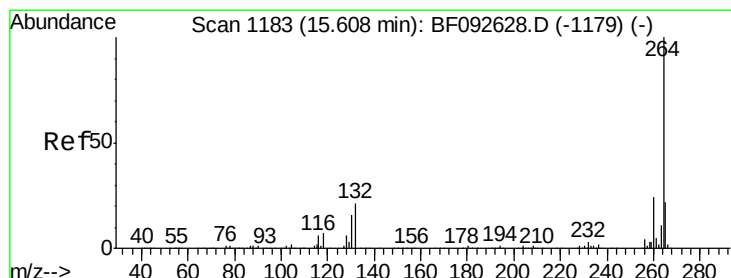
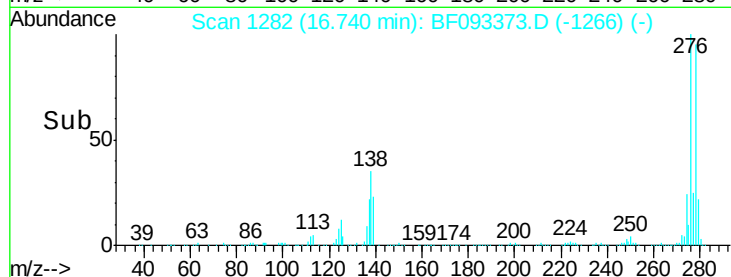
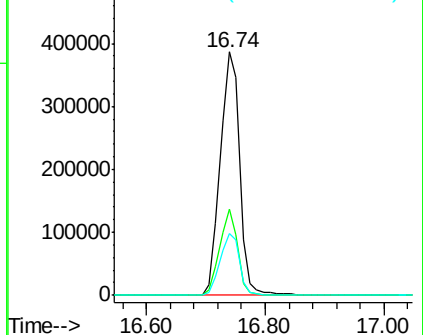
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.62 ng
 RT: 16.74 min Scan# 1282
 Delta R.T. -0.11 min
 Lab File: BF093373.D
 Acq: 3 Mar 2017 21:56

Instrument :
 BNA_F
 ClientSampleId :
 SRI-MW-4-20170302MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.1	21.8	32.6#
277	25.3	20.2	30.4

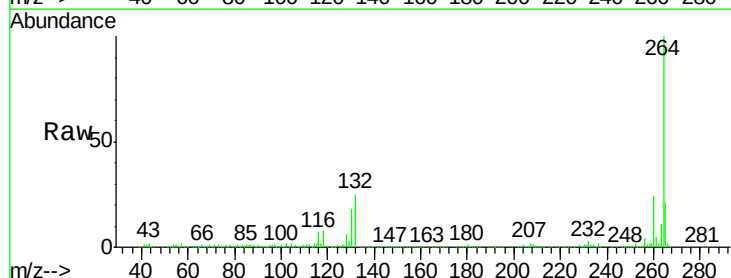


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

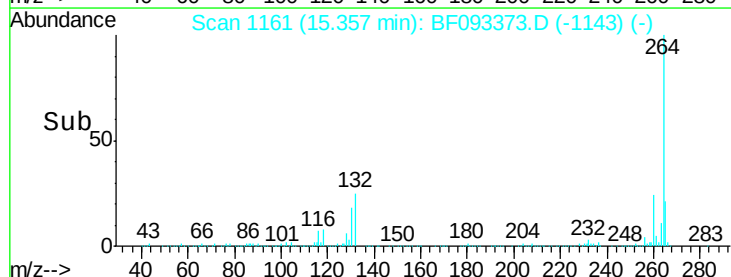
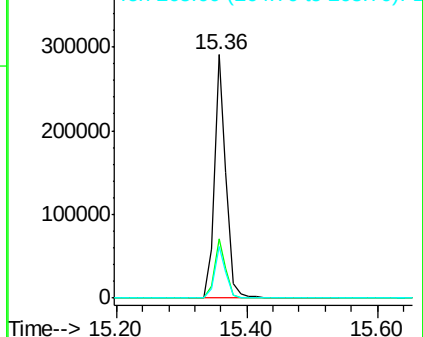


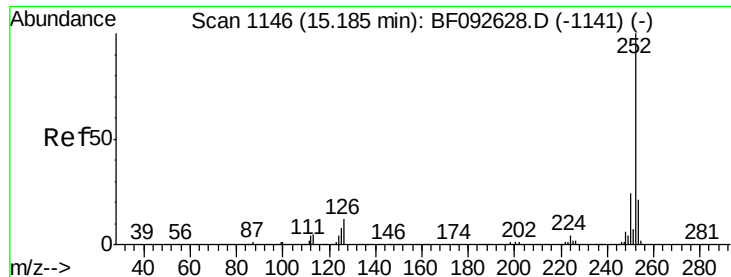
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. -0.09 min
 Lab File: BF093373.D
 Acq: 3 Mar 2017 21:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.1	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

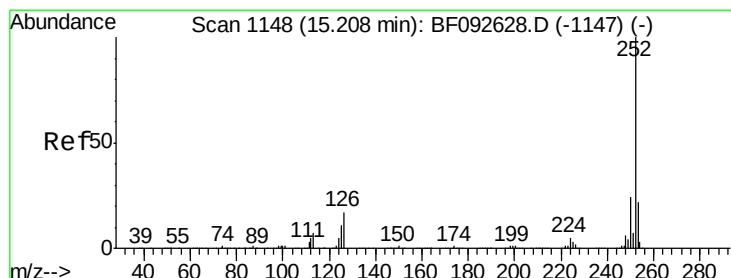
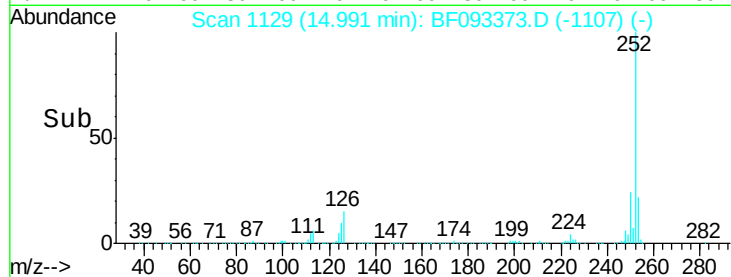
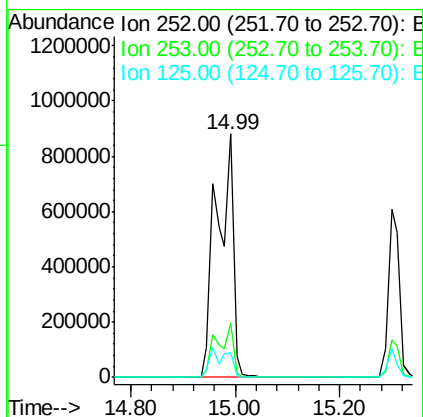
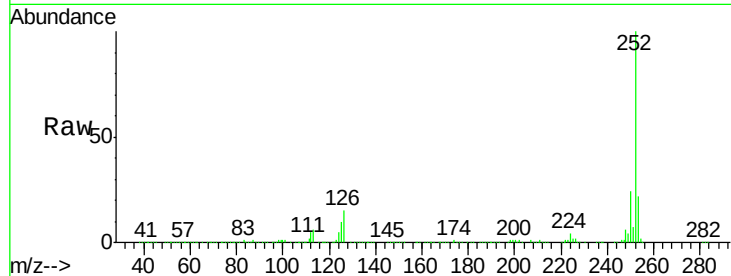




#87
Benzo(b)fluoranthene
Concen: 81.01 ng
RT: 14.99 min Scan# 1129
Delta R.T. -0.05 min
Lab File: BF093373.D
Acq: 3 Mar 2017 21:56

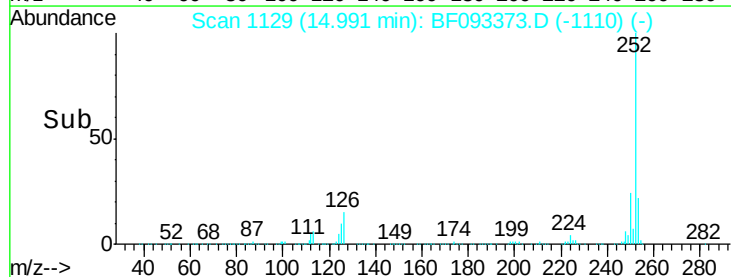
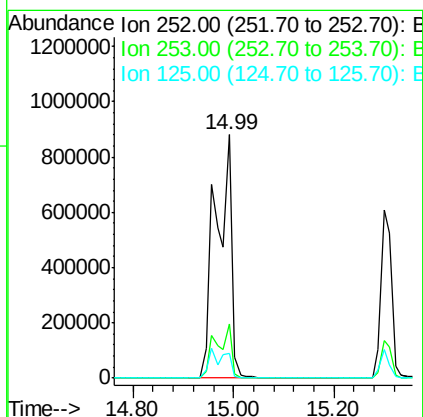
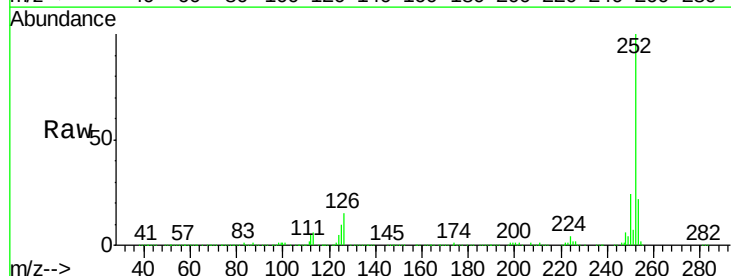
Instrument :
BNA_F
ClientSampleId :
SRI-MW-4-20170302MSD

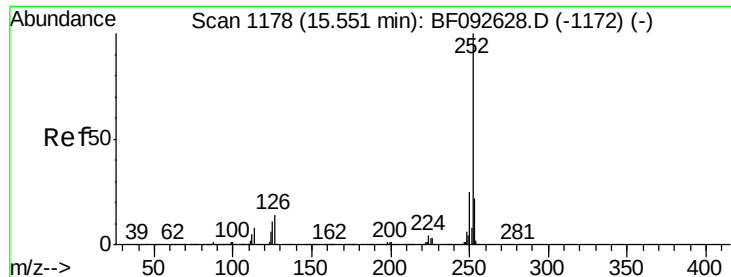
Tgt Ion:252 Resp: 1942416
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.4
125 10.2 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 93.84 ng
RT: 14.99 min Scan# 1129
Delta R.T. -0.08 min
Lab File: BF093373.D
Acq: 3 Mar 2017 21:56

Tgt Ion:252 Resp: 1942867
Ion Ratio Lower Upper
252 100
253 22.0 18.5 27.7
125 10.2 8.9 13.3





#89

Benzo(a)pyrene

Concen: 43.12 ng

RT: 15.30 min Scan# 1156

Delta R.T. -0.09 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

Instrument :

BNA_F

ClientSampleId :

SRI-MW-4-20170302MSD

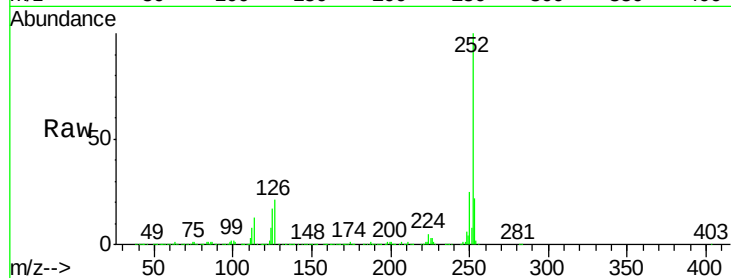
Tgt Ion: 252 Resp: 894302

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

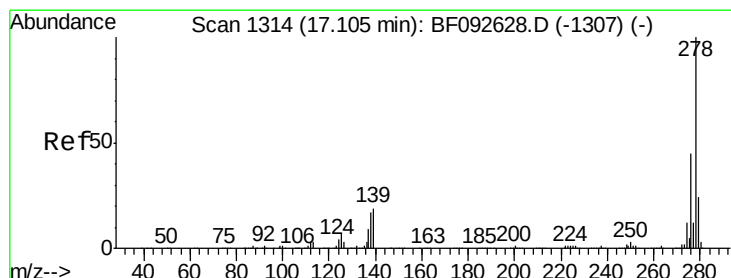
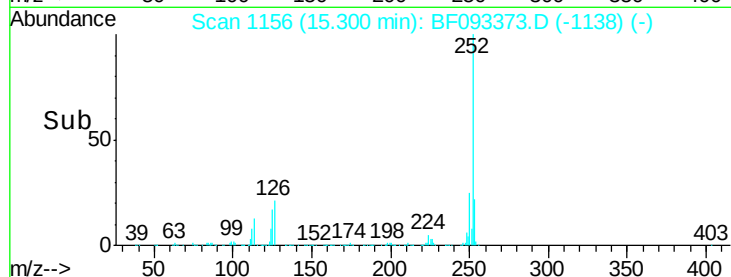
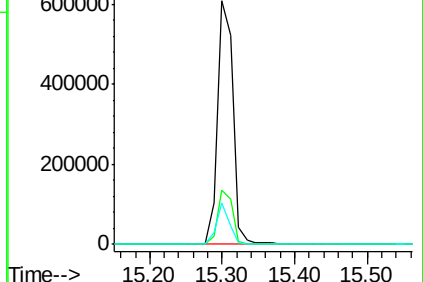
125 17.0 10.0 15.0#



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: 44.03 ng

RT: 16.74 min Scan# 1282

Delta R.T. -0.13 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

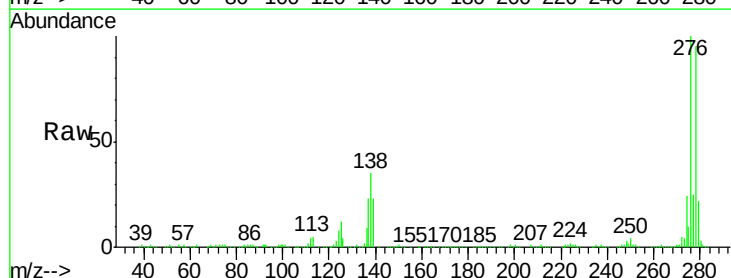
Tgt Ion: 278 Resp: 738046

Ion Ratio Lower Upper

278 100

139 24.1 14.8 22.2#

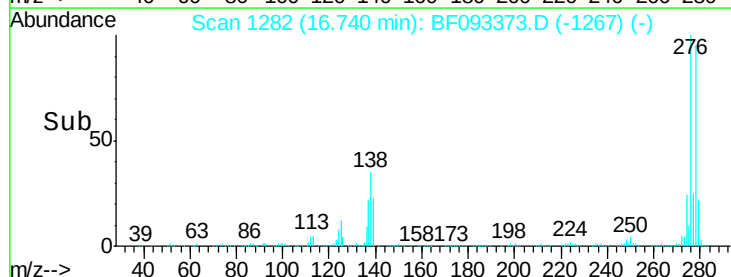
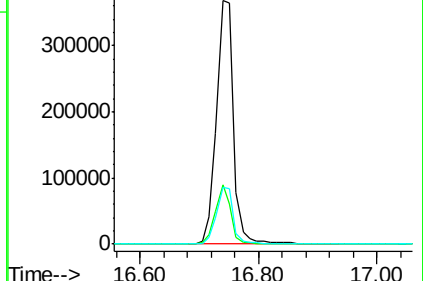
279 23.3 19.8 29.6

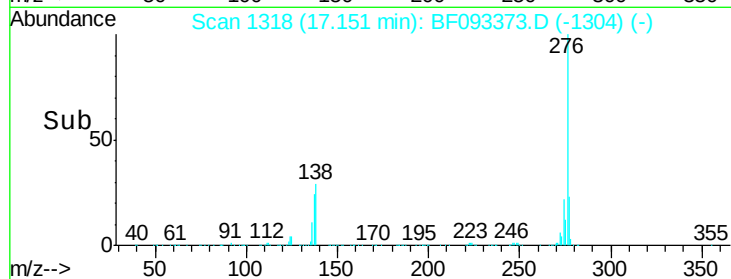
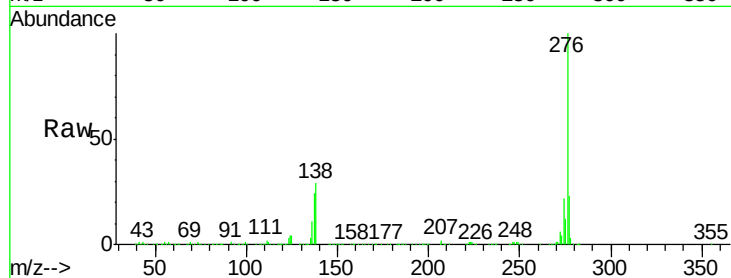
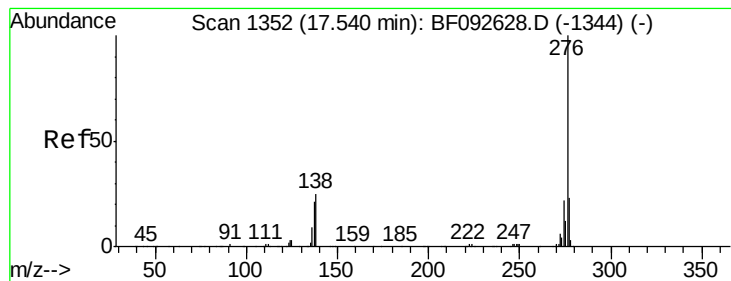


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 46.06 ng

RT: 17.15 min Scan# 1318

Delta R.T. -0.14 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

Instrument :

BNA_F

ClientSampleId :

SRI-MW-4-20170302MSD

Tgt Ion: 276 Resp: 779995

Ion Ratio Lower Upper

276 100

277 23.3 19.2 28.8

138 28.6 16.0 24.0#

