

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032117\
 Data File : BF093802.D
 Acq On : 21 Mar 2017 17:04
 Operator : SJ/MA
 Sample : I2314-02MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SGS47-9-11MSD

Quant Time: Mar 22 00:53:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 21 14:38:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	192941	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	823252	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	363051	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	621132	20.00	ng	0.00
75) Chrysene-d12	13.97	240	330581	20.00	ng	0.00
86) Perylene-d12	15.37	264	328505	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1656382	150.13	ng	0.02
7) Phenol-d6	6.47	99	1884127	138.20	ng	0.01
23) Nitrobenzene-d5	7.40	82	1291230	88.97	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	344775	122.61	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1881340	87.14	ng	0.00
78) Terphenyl-d14	12.93	244	1362700	84.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.47	88	226423	40.50	ng	99
3) Pyridine	3.18	79	662630	44.24	ng	97
4) n-Nitrosodimethylamine	3.12	42	319378	49.44	ng	91
6) Aniline	6.49	93	598406	31.39	ng	97
8) 2-Chlorophenol	6.62	128	638721	52.63	ng	92
9) Benzaldehyde	6.37	77	233148	24.19	ng	99
10) Phenol	6.48	94	823016	53.71	ng	94
11) bis(2-Chloroethyl)ether	6.57	93	602319	48.40	ng	90
12) 1,3-Dichlorobenzene	6.77	146	610765	44.37	ng	97
13) 1,4-Dichlorobenzene	6.85	146	661609	47.12	ng	97
14) 1,2-Dichlorobenzene	6.85	146	661609	51.36	ng	95
15) Benzyl Alcohol	6.97	79	529785	52.44	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	904421	45.71	ng	100
17) 2-Methylphenol	7.09	107	507682	47.67	ng	98
18) Hexachloroethane	7.35	117	235707	47.35	ng	95
19) n-Nitroso-di-n-propylamine	7.25	70	419135	46.92	ng	96
20) 3+4-Methylphenols	7.25	107	640897	50.83	ng	# 86
22) Acetophenone	7.24	105	824120	46.23	ng	96
24) Nitrobenzene	7.41	77	578272	41.71	ng	98
25) Isophorone	7.66	82	1195476	46.50	ng	95
26) 2-Nitrophenol	7.73	139	323734	51.63	ng	# 90
27) 2,4-Dimethylphenol	7.77	122	588273	45.62	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	710392	42.95	ng	99
29) 2,4-Dichlorophenol	7.97	162	535958	48.83	ng	95
30) 1,2,4-Trichlorobenzene	8.06	180	520939	45.70	ng	99
31) Naphthalene	8.14	128	1809537	47.35	ng	100
32) Benzoic acid	7.88	122	204029	25.44	ng	98
33) 4-Chloroaniline	8.18	127	430590	26.22	ng	# 90
34) Hexachlorobutadiene	8.26	225	257930	43.03	ng	98
35) Caprolactam	8.55	113	118596	34.42	ng	99
36) 4-Chloro-3-methylphenol	8.68	107	576967	50.73	ng	98
37) 2-Methylnaphthalene	8.82	142	1139222	45.67	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	416683	43.34	ng	98
40) Hexachlorocyclopentadiene	8.98	237	386935	79.77	ng	97

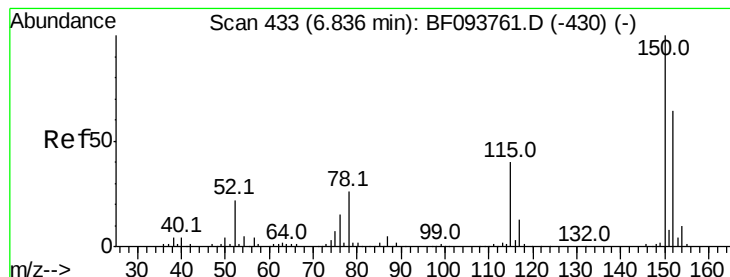
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032117\
 Data File : BF093802.D
 Acq On : 21 Mar 2017 17:04
 Operator : SJ/MA
 Sample : I2314-02MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SGS47-9-11MSD

Quant Time: Mar 22 00:53:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 21 14:38:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	379667	54.40	nq	95
43) 2,4,5-Trichlorophenol	9.14	196	350841	48.42	nq	97
45) 1,1'-Biphenyl	9.29	154	1313648	44.52	nq	98
46) 2-Chloronaphthalene	9.32	162	1080175	47.74	nq	95
47) 2-Nitroaniline	9.41	65	366161	57.95	nq	# 82
48) Acenaphthylene	9.73	152	1570386	42.65	nq	99
49) Dimethylphthalate	9.60	163	1586980	61.42	nq	98
50) 2,6-Dinitrotoluene	9.65	165	272379	48.02	nq	# 75
51) Acenaphthene	9.90	154	1049439	47.72	nq	99
52) 3-Nitroaniline	9.82	138	252902	37.14	nq	# 75
53) 2,4-Dinitrophenol	9.92	184	210252	94.43	nq	# 65
54) Dibenzofuran	10.07	168	1373717	46.42	nq	97
55) 4-Nitrophenol	9.98	139	421195	82.35	nq	# 63
56) 2,4-Dinitrotoluene	10.05	165	356134	49.46	nq	# 71
57) Fluorene	10.41	166	977635	43.14	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	258067	51.84	nq	98
59) Diethylphthalate	10.30	149	1241095	49.29	nq	98
60) 4-Chlorophenyl-phenylether	10.41	204	454850	47.62	nq	# 77
61) 4-Nitroaniline	10.42	138	265673	43.62	nq	92
62) Azobenzene	10.56	77	1268068	50.91	nq	98
64) 4,6-Dinitro-2-methylphenol	10.46	198	169177	47.01	nq	# 69
65) n-Nitrosodiphenylamine	10.53	169	1024110	49.46	nq	99
66) 4-Bromophenyl-phenylether	10.89	248	266970	44.65	nq	92
67) Hexachlorobenzene	10.96	284	280833	45.55	nq	# 84
68) Atrazine	11.05	200	280511	44.13	nq	94
69) Pentachlorophenol	11.16	266	339239	94.09	nq	99
70) Phenanthrene	11.37	178	1597818	48.30	nq	99
71) Anthracene	11.42	178	1443215	42.38	nq	99
72) Carbazole	11.57	167	1407336	41.74	nq	99
73) Di-n-butylphthalate	11.91	149	1712052	47.17	nq	100
74) Fluoranthene	12.55	202	1418549	41.72	nq	98
76) Benzidine	12.66	184	181248	12.50	nq	# 94
77) Pyrene	12.78	202	1514705	55.06	nq	100
79) Butylbenzylphthalate	13.41	149	701820	57.08	nq	99
80) Benzo(a)anthracene	13.96	228	988349	47.73	nq	100
81) 3,3'-Dichlorobenzidine	13.92	252	270772	34.70	nq	98
82) Chrysene	14.00	228	994205	48.05	nq	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	738238	49.85	nq	99
84) Di-n-octyl phthalate	14.57	149	1244903	46.07	nq	98
85) Indeno(1,2,3-cd)pyrene	16.73	276	985989	58.20	nq	98
87) Benzo(b)fluoranthene	15.01	252	1732385	78.23	nq	99
88) Benzo(k)fluoranthene	15.01	252	1732633	105.95	nq	# 96
89) Benzo(a)pyrene	15.32	252	847902	47.22	nq	98
90) Dibenzo(a,h)anthracene	16.76	278	822403	55.15	nq	98
91) Benzo(g,h,i)perylene	17.15	276	849617	57.41	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF093802.D

Acq: 21 Mar 2017 17:04

Instrument :

BNA_F

ClientSampleId :

SGS47-9-11MSD

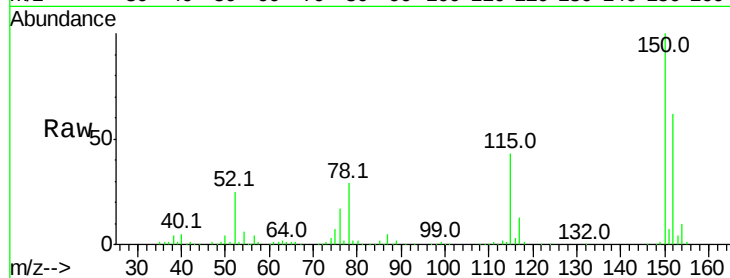
Tot Ion:152 Resp: 192941

Ion Ratio Lower Upper

152 100

150 160.2 126.2 189.2

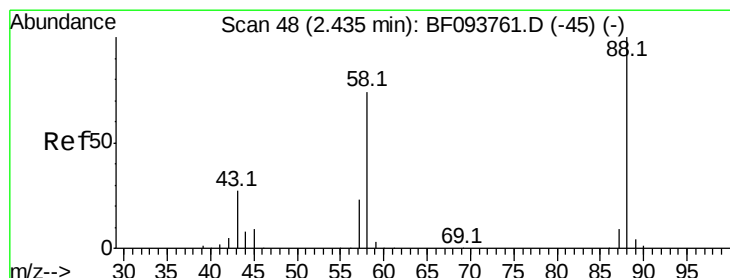
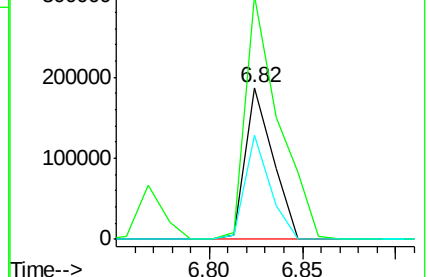
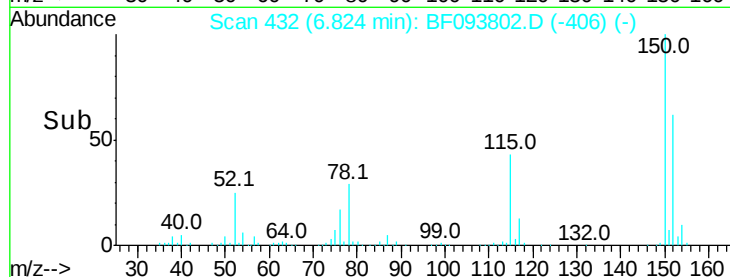
115 68.5 52.2 78.2



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: 40.50 ng

RT: 2.47 min Scan# 51

Delta R.T. 0.06 min

Lab File: BF093802.D

Acq: 21 Mar 2017 17:04

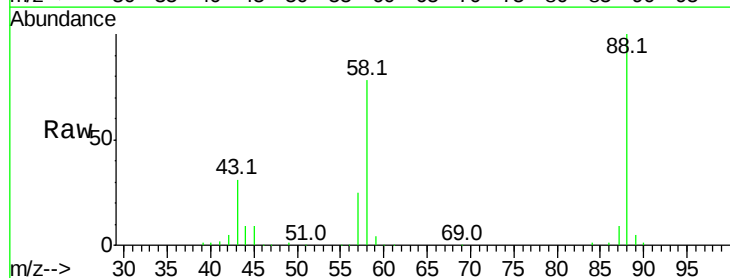
Tgt Ion: 88 Resp: 226423

Ion Ratio Lower Upper

88 100

58 76.2 61.4 92.0

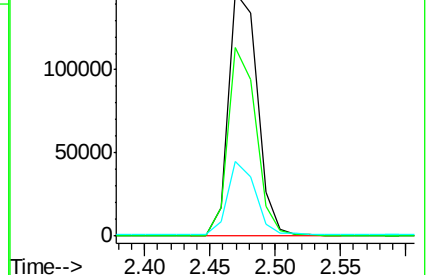
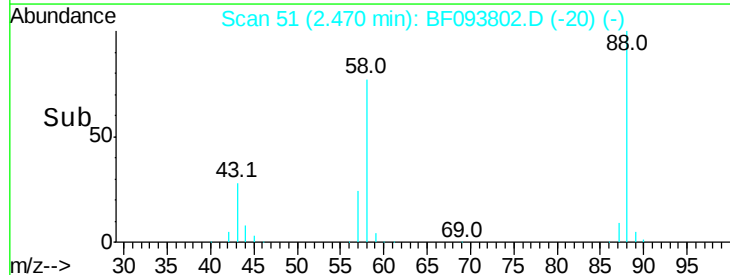
43 28.8 23.4 35.0

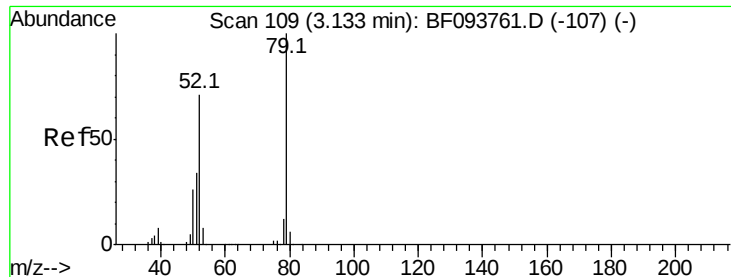


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

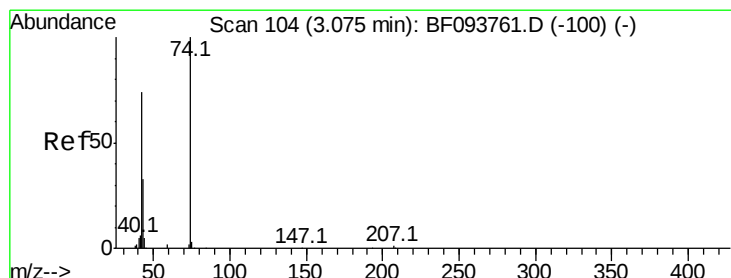
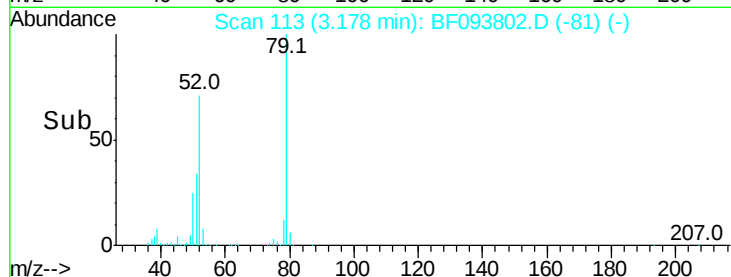
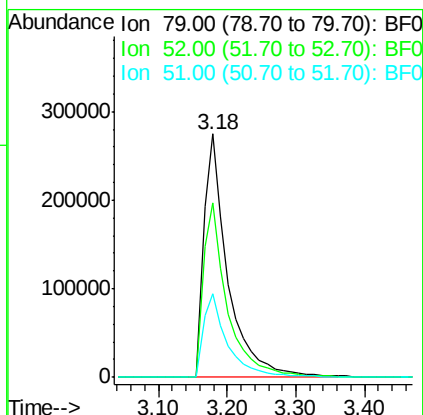
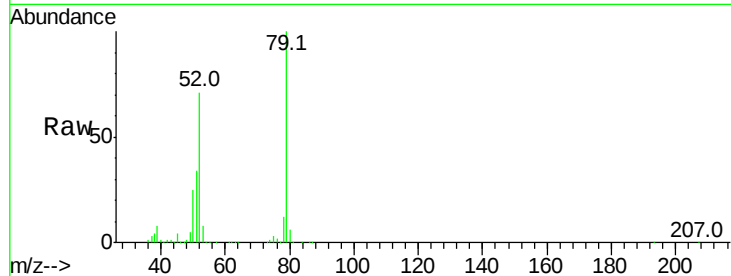




#3
 Pvridine
 Concen: 44.24 ng
 RT: 3.18 min Scan# 113
 Delta R.T. 0.07 min
 Lab File: BF093802.D
 Acq: 21 Mar 2017 17:04

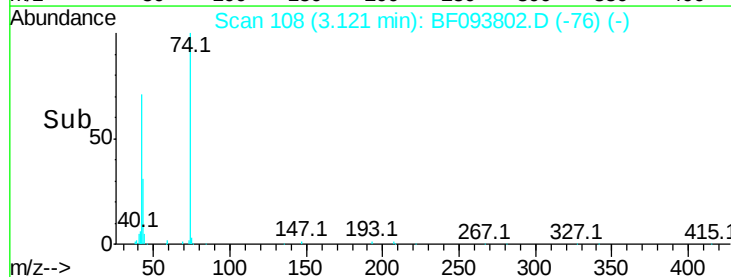
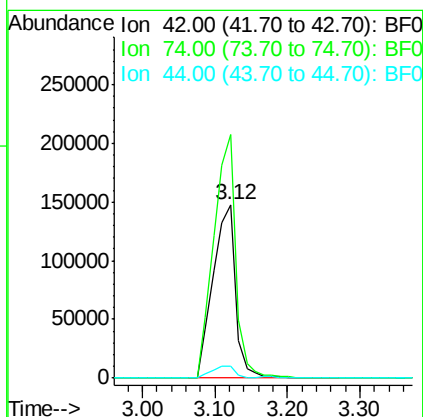
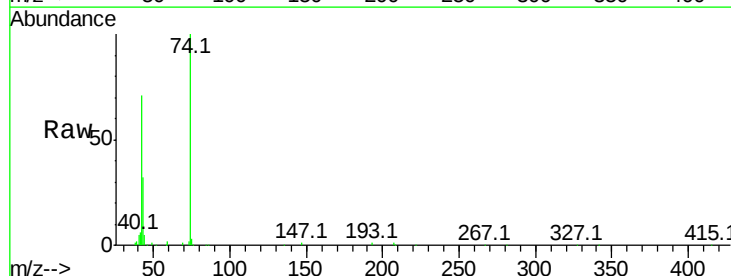
Instrument :
 BNA_F
 ClientSampleId :
 SGS47-9-11MSD

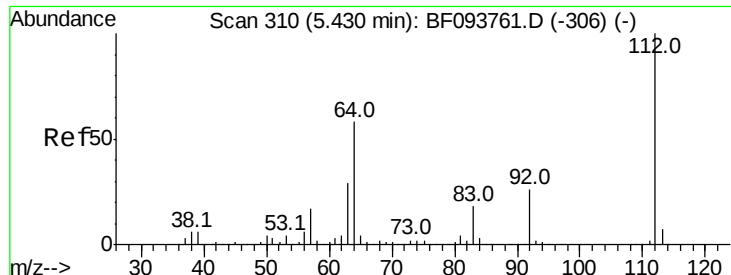
Tot Ion: 79 Resp: 662630
 Ion Ratio Lower Upper
 79 100
 52 71.4 54.8 82.2
 51 34.4 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 49.44 ng
 RT: 3.12 min Scan# 108
 Delta R.T. 0.07 min
 Lab File: BF093802.D
 Acq: 21 Mar 2017 17:04

Tgt Ion: 42 Resp: 319378
 Ion Ratio Lower Upper
 42 100
 74 140.5 103.9 155.9
 44 7.2 5.7 8.5





#5

2-Fluorophenol

Concen: 150.13 ng

RT: 5.44 min Scan# 311

Delta R.T. 0.02 min

Lab File: BF093802.D

Acq: 21 Mar 2017 17:04

Instrument :

BNA_F

ClientSampleId :

SGS47-9-11MSD

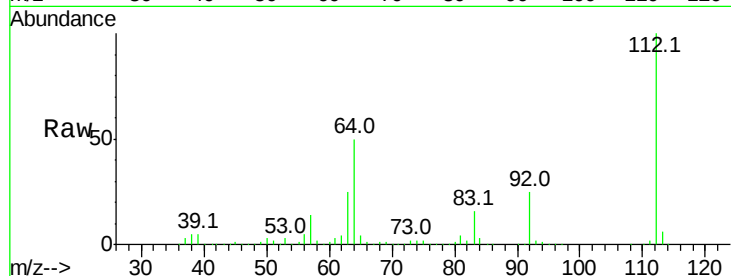
Tot Ion:112 Resp: 1656382

Ion Ratio Lower Upper

112 100

64 50.0 46.0 69.0

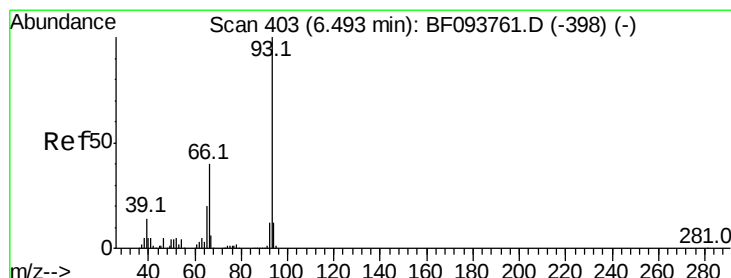
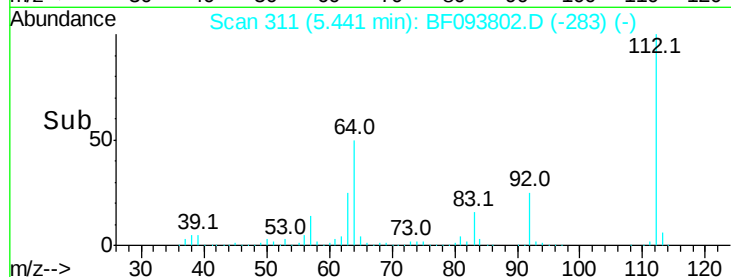
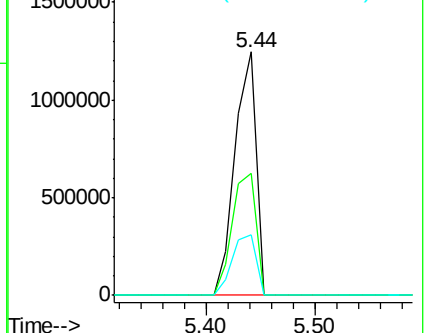
63 25.0 23.4 35.0



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: 31.39 ng

RT: 6.49 min Scan# 403

Delta R.T. 0.01 min

Lab File: BF093802.D

Acq: 21 Mar 2017 17:04

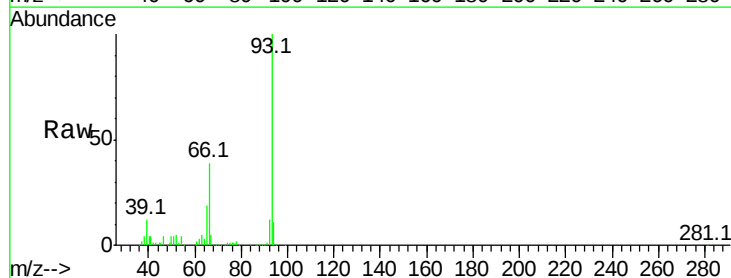
Tgt Ion: 93 Resp: 598406

Ion Ratio Lower Upper

93 100

66 38.8 32.9 49.3

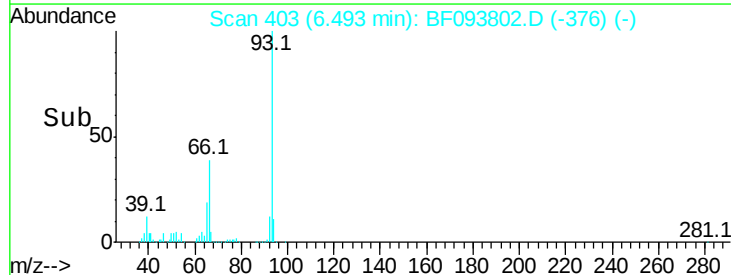
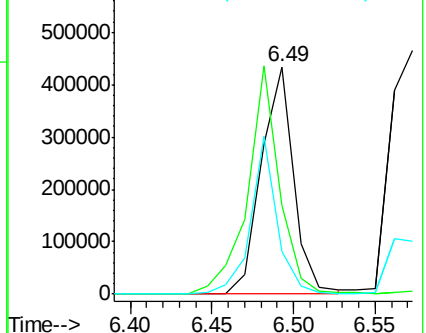
65 19.0 16.0 24.0

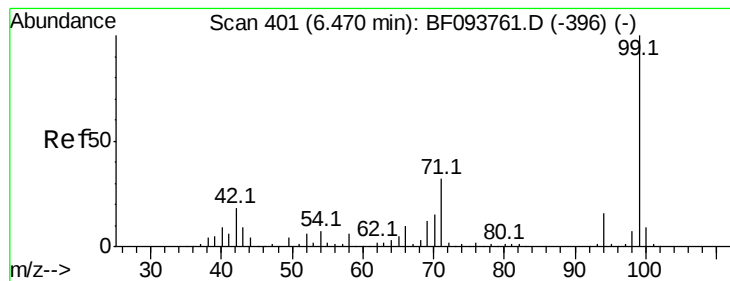


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 138.20 ng

RT: 6.47 min Scan# 401

Delta R.T. 0.01 min

Lab File: BF093802.D

Acq: 21 Mar 2017 17:04

Instrument :

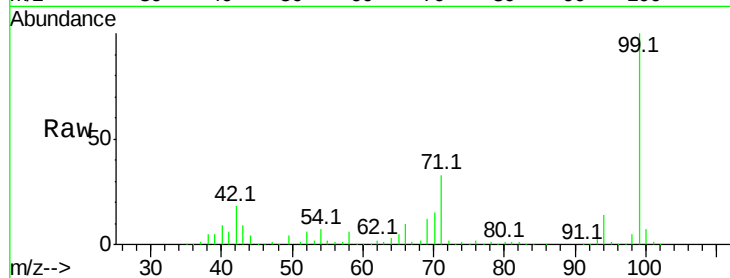
BNA_F

ClientSampleId :

SGS47-9-11MSD

Tot Ion: 99 Resp: 1884127

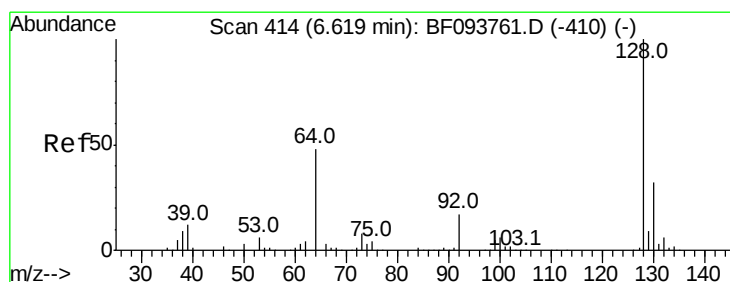
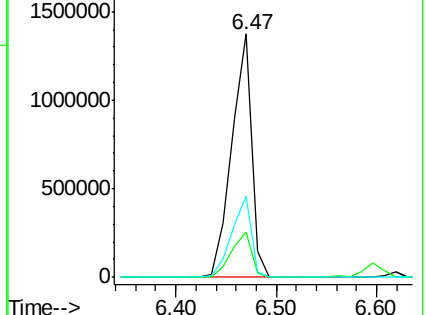
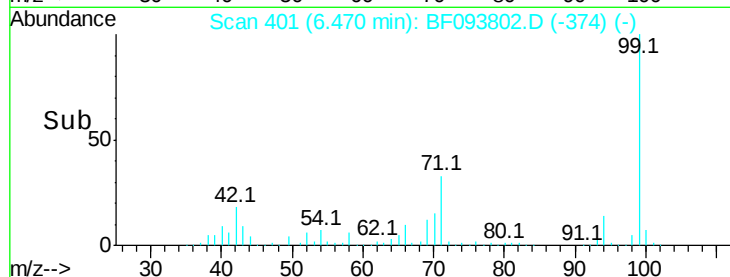
Ion	Ratio	Lower	Upper
99	100		
42	18.3	13.5	20.3
71	33.1	24.5	36.7



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: 52.63 ng

RT: 6.62 min Scan# 414

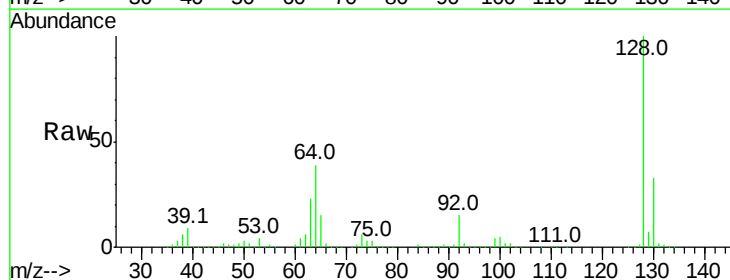
Delta R.T. 0.01 min

Lab File: BF093802.D

Acq: 21 Mar 2017 17:04

Tgt Ion: 128 Resp: 638721

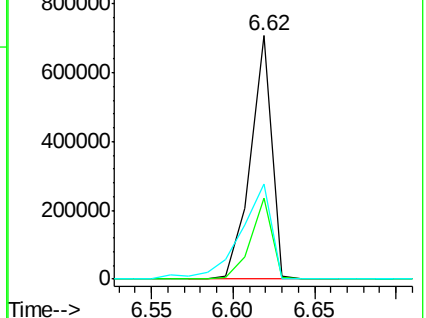
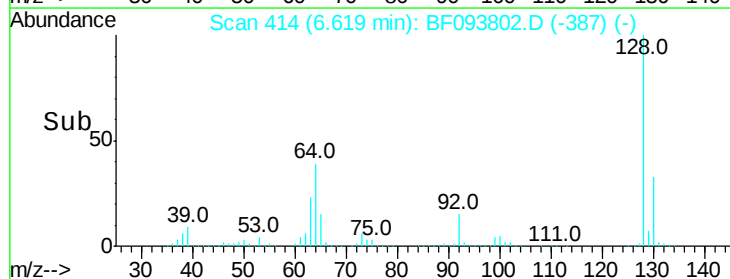
Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.9	52.9
64	39.1	28.4	68.4

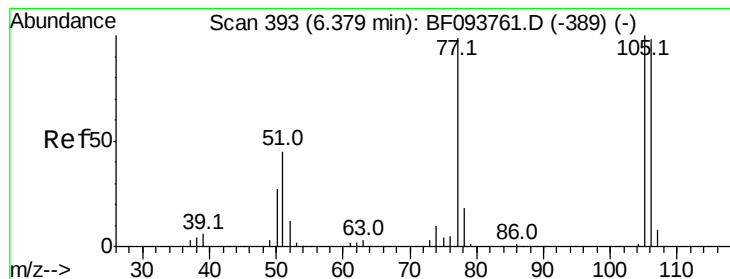


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 24.19 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF093802.D

Acq: 21 Mar 2017 17:04

Instrument :

BNA_F

ClientSampleId :

SGS47-9-11MSD

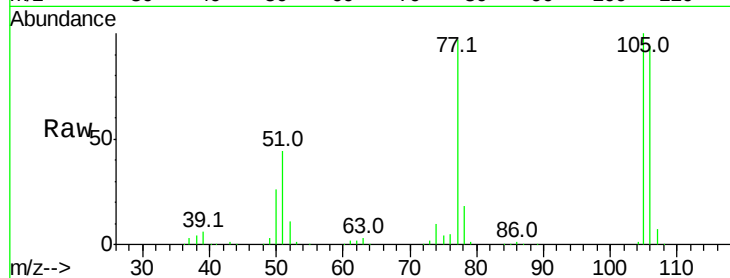
Tot Ion: 77 Resp: 233148

Ion Ratio Lower Upper

77 100

105 103.3 83.8 123.8

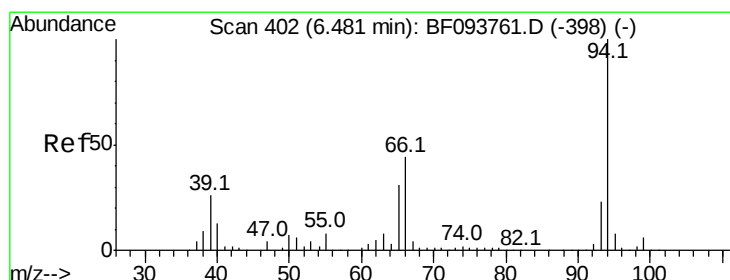
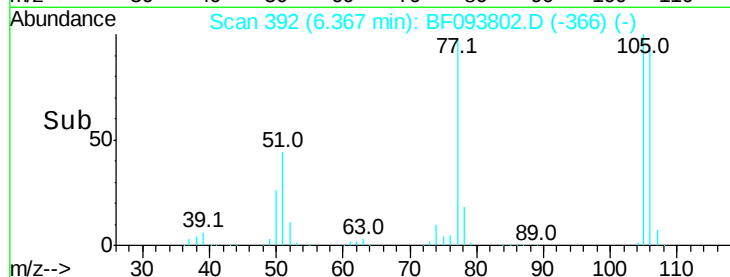
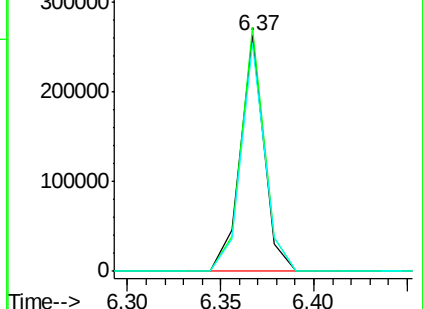
106 96.9 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 53.71 ng

RT: 6.48 min Scan# 402

Delta R.T. 0.01 min

Lab File: BF093802.D

Acq: 21 Mar 2017 17:04

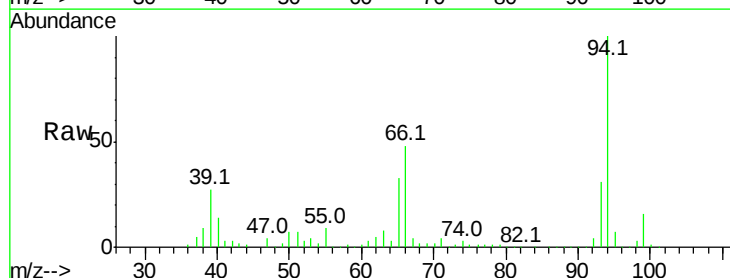
Tgt Ion: 94 Resp: 823016

Ion Ratio Lower Upper

94 100

65 32.9 9.9 49.9

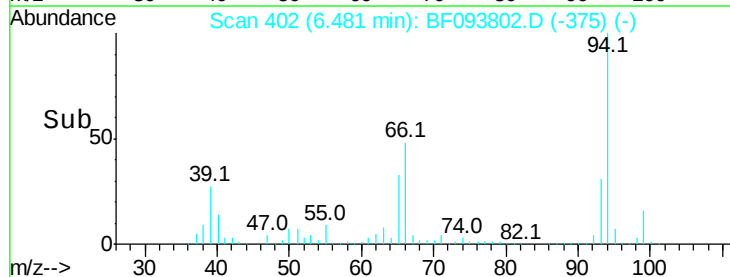
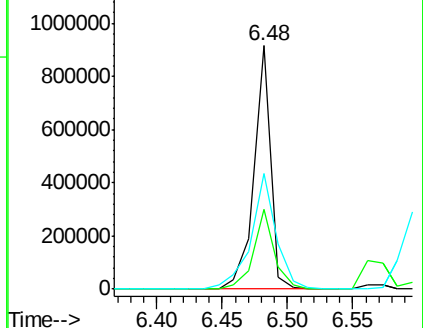
66 47.5 23.1 63.1

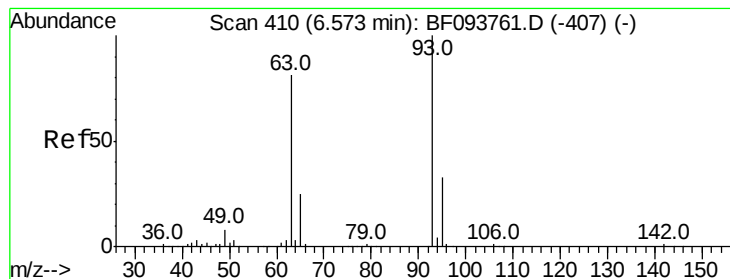


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 48.40 ng

RT: 6.57 min Scan# 410

Delta R.T. 0.01 min

Lab File: BF093802.D

Acq: 21 Mar 2017 17:04

Instrument :

BNA_F

ClientSampleId :

SGS47-9-11MSD

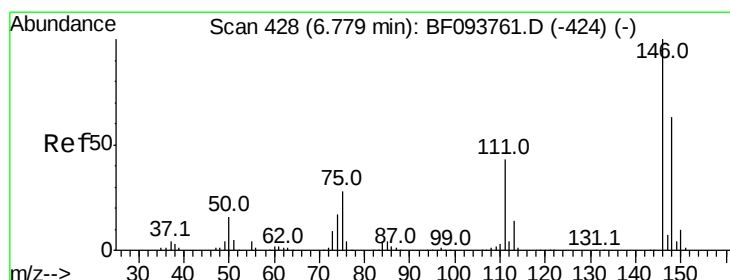
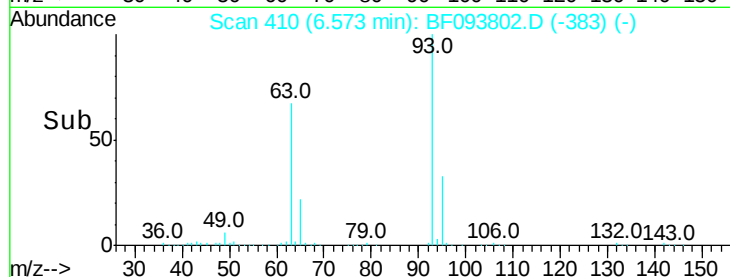
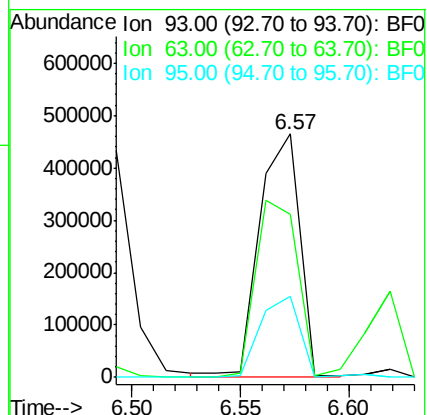
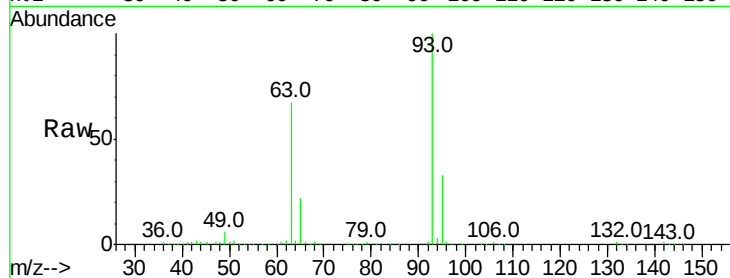
Tot Ion: 93 Resp: 602319

Ion Ratio Lower Upper

93 100

63 66.8 59.2 99.2

95 33.2 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 44.37 ng

RT: 6.77 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF093802.D

Acq: 21 Mar 2017 17:04

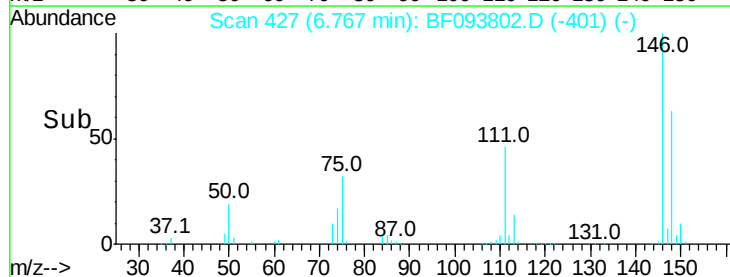
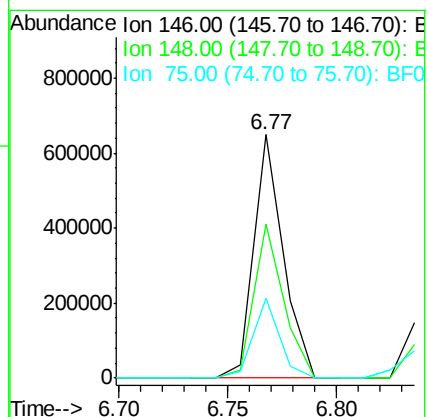
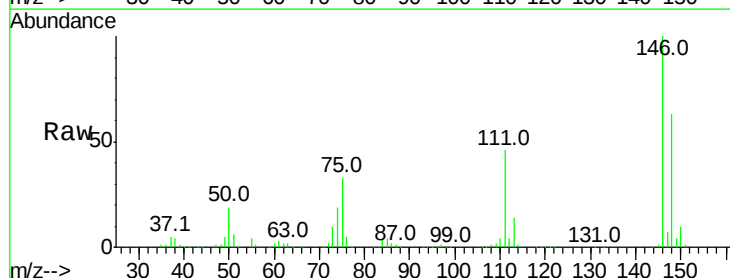
Tgt Ion: 146 Resp: 610765

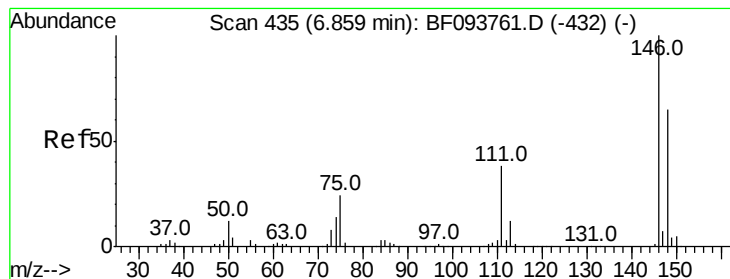
Ion Ratio Lower Upper

146 100

148 63.5 51.8 77.6

75 32.9 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 47.12 ng

RT: 6.85 min Scan# 434

Delta R.T. -0.00 min

Lab File: BF093802.D

Acq: 21 Mar 2017 17:04

Instrument :

BNA_F

ClientSampleId :

SGS47-9-11MSD

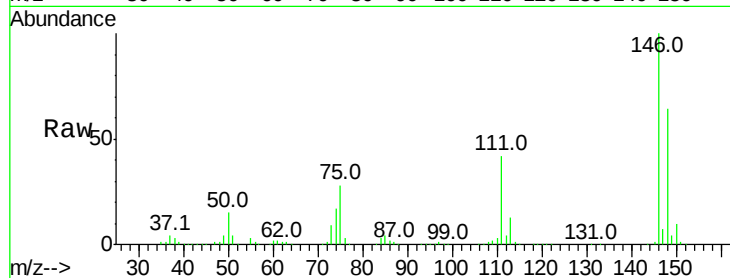
Tot Ion:146 Resp: 661609

Ion Ratio Lower Upper

146 100

148 63.9 52.2 78.2

111 41.6 30.3 45.5



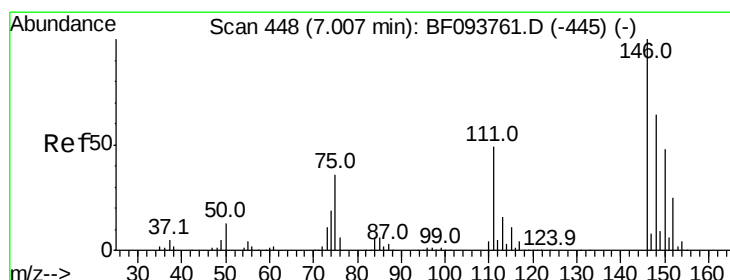
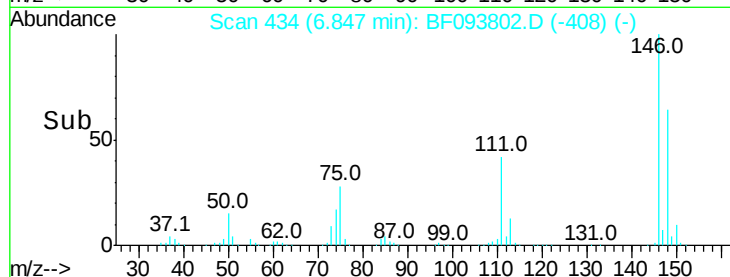
Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

6.85

Time-->



#14

1,2-Dichlorobenzene

Concen: 51.36 ng

RT: 6.85 min Scan# 434

Delta R.T. -0.16 min

Lab File: BF093802.D

Acq: 21 Mar 2017 17:04

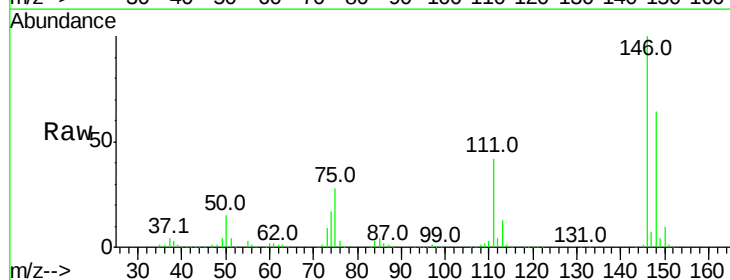
Tgt Ion:146 Resp: 661609

Ion Ratio Lower Upper

146 100

148 63.9 50.4 75.6

111 41.6 38.2 57.4



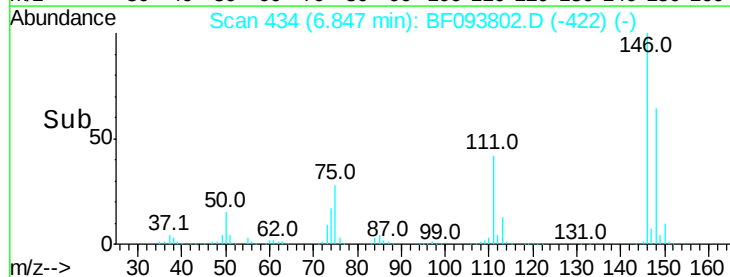
Abundance Ion 146.00 (145.70 to 146.70): E

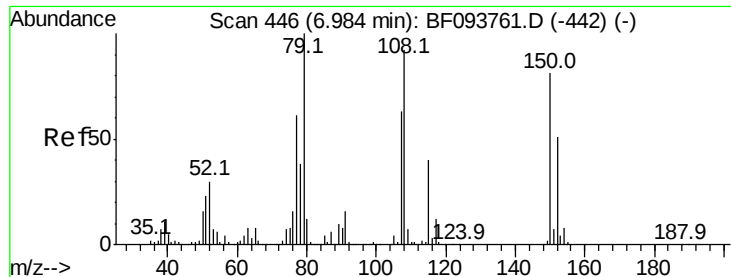
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

6.85

Time-->





#15

Benzyl Alcohol

Concen: 52.44 ng

RT: 6.97 min Scan# 445

Delta R.T. -0.00 min

Lab File: BF093802.D

Acq: 21 Mar 2017 17:04

Instrument :

BNA_F

ClientSampleId :

SGS47-9-11MSD

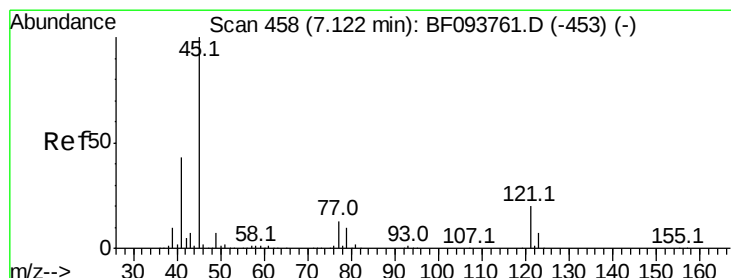
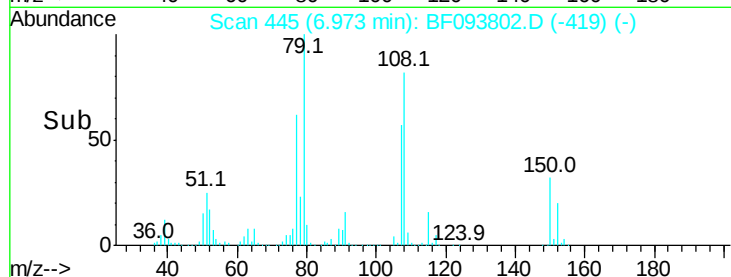
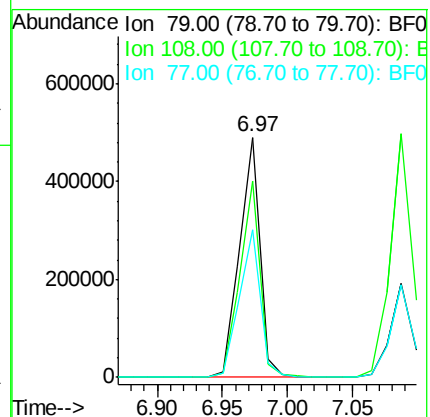
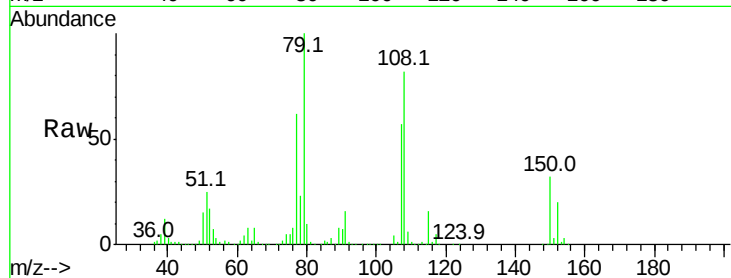
Tot Ion: 79 Resp: 529785

Ion Ratio Lower Upper

79 100

108 81.5 63.4 95.0

77 61.6 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.71 ng

RT: 7.11 min Scan# 457

Delta R.T. -0.00 min

Lab File: BF093802.D

Acq: 21 Mar 2017 17:04

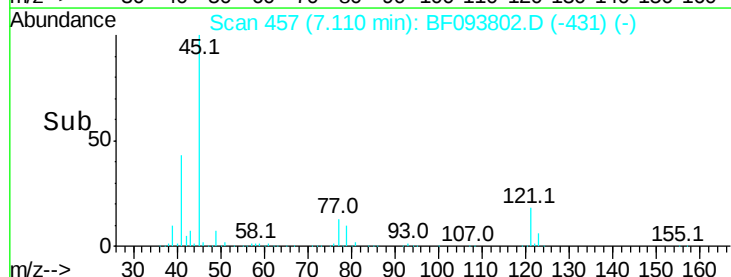
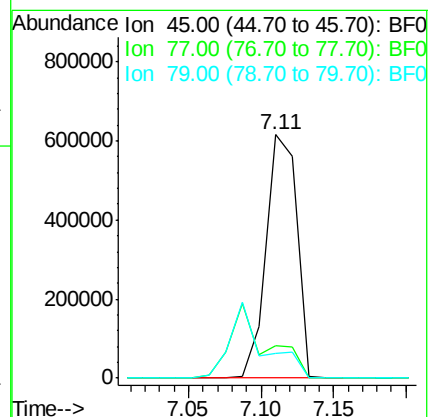
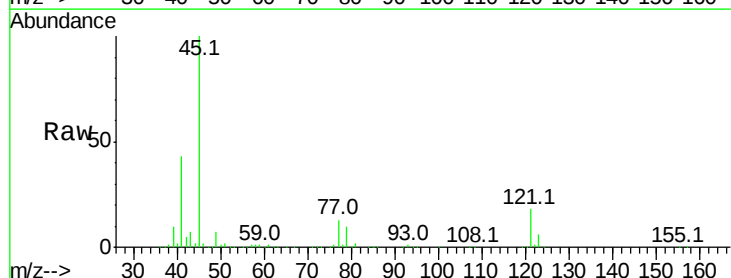
Tgt Ion: 45 Resp: 904421

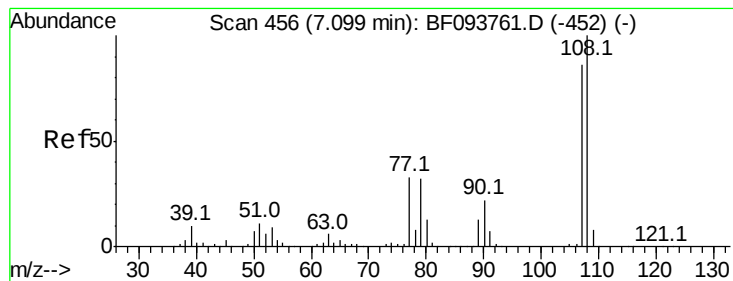
Ion Ratio Lower Upper

45 100

77 13.1 0.0 33.2

79 10.0 0.0 30.0





#17

2-Methylphenol

Concen: 47.67 ng

RT: 7.09 min Scan# 455

Delta R.T. -0.00 min

Lab File: BF093802.D

Acq: 21 Mar 2017 17:04

Instrument :

BNA_F

ClientSampleId :

SGS47-9-11MSD

Tot Ion:107 Resp: 507682

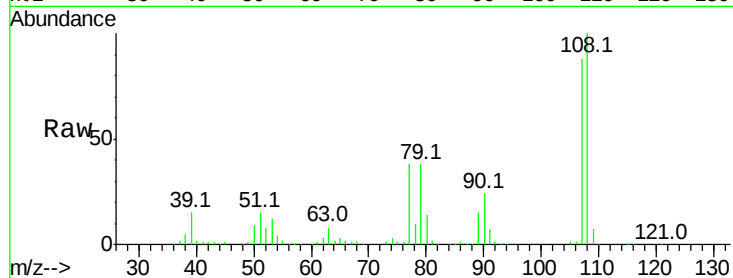
Ion Ratio Lower Upper

107 100

108 113.3 93.4 140.0

77 43.1 35.8 53.6

79 43.5 34.8 52.2

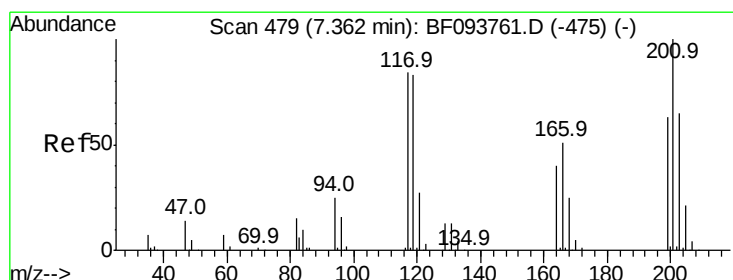
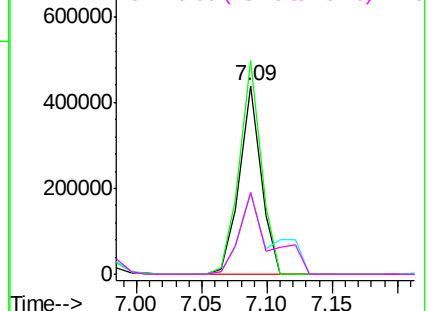
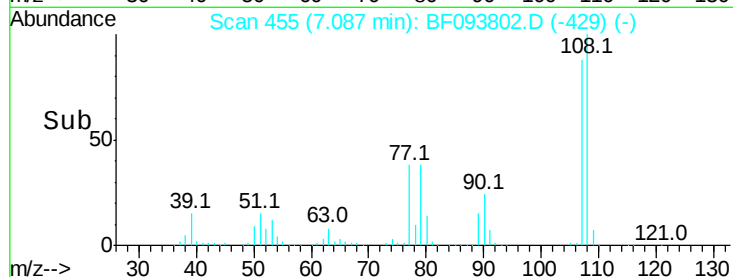


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 47.35 ng

RT: 7.35 min Scan# 478

Delta R.T. -0.00 min

Lab File: BF093802.D

Acq: 21 Mar 2017 17:04

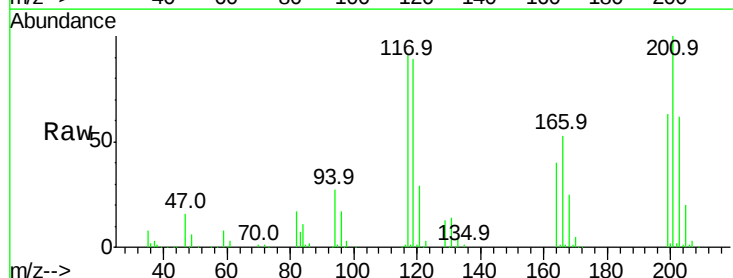
Tgt Ion:117 Resp: 235707

Ion Ratio Lower Upper

117 100

119 97.0 77.4 116.0

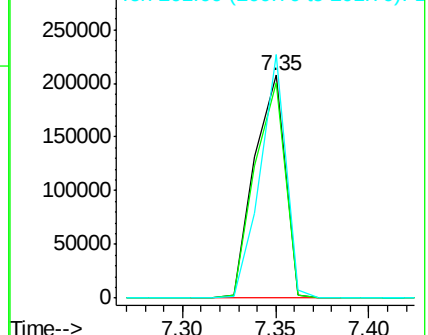
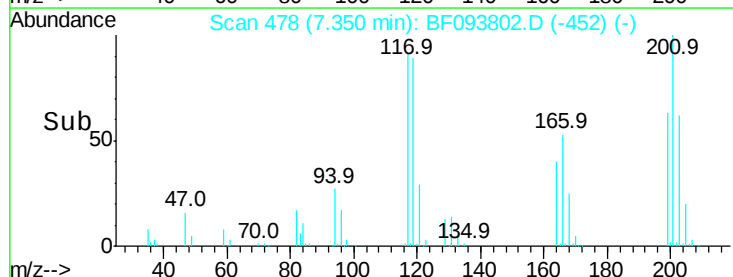
201 109.4 94.6 141.8

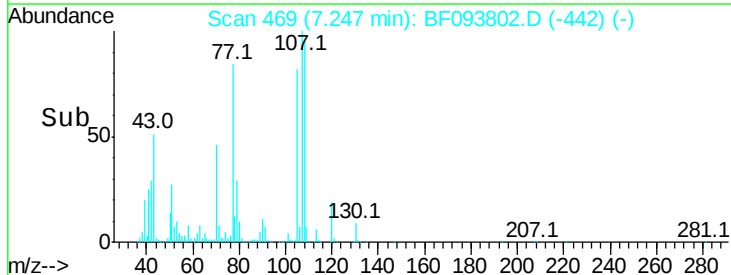
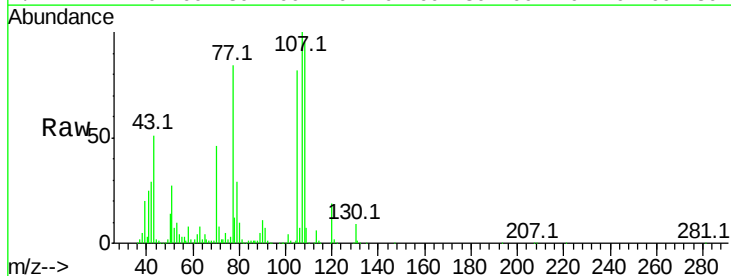
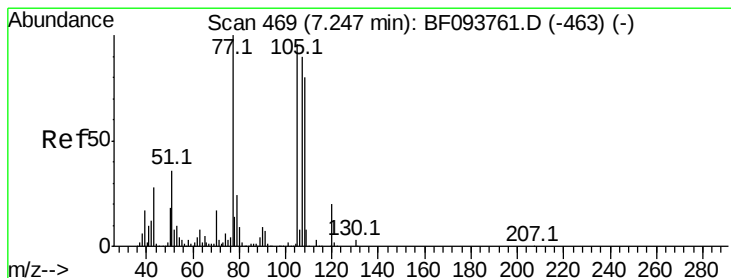
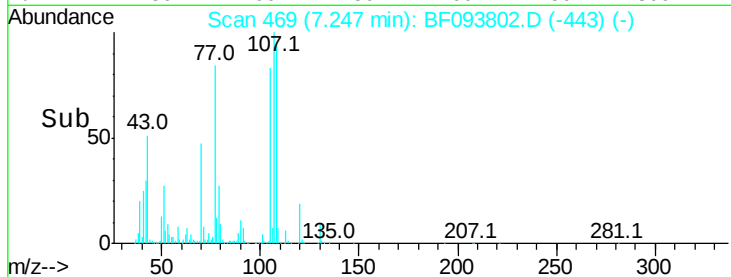
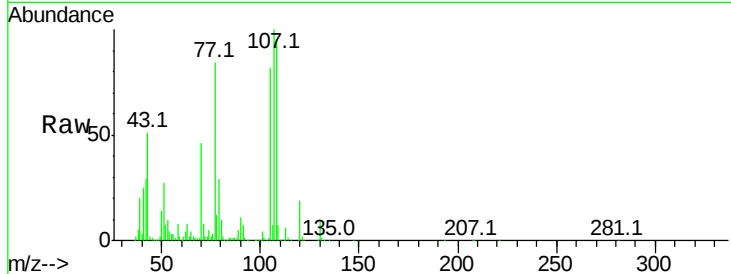
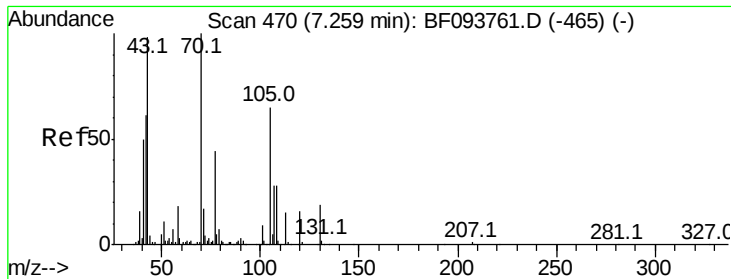


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

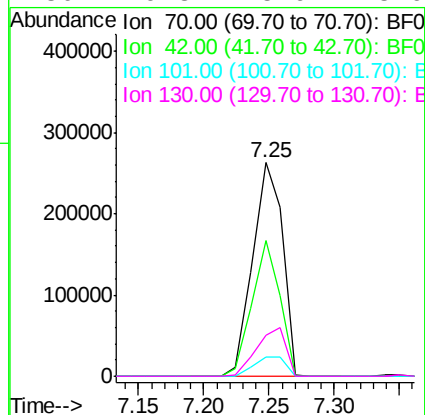




#19
n-Nitroso-di-n-propylamine
Concen: 46.92 ng
RT: 7.25 min Scan# 469
Delta R.T. -0.00 min
Lab File: BF093802.D
Acq: 21 Mar 2017 17:04

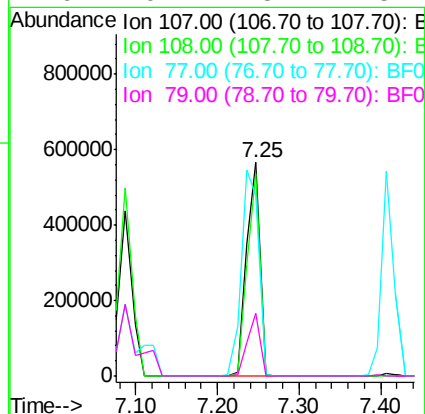
Instrument :
BNA_F
ClientSampleId :
SGS47-9-11MSD

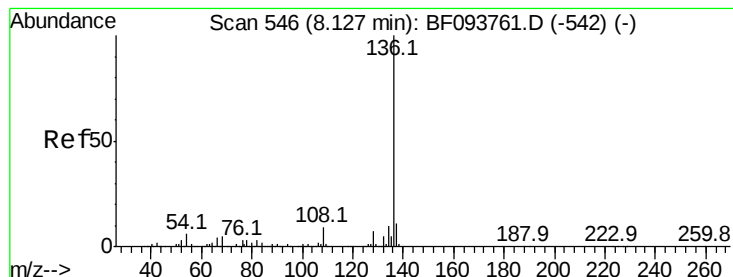
Tot Ion:	70	Resp:	419135
Ion	Ratio	Lower	Upper
70	100		
42	63.5	47.2	70.8
101	9.3	7.2	10.8
130	19.3	15.9	23.9



#20
3+4-Methylphenols
Concen: 50.83 ng
RT: 7.25 min Scan# 469
Delta R.T. 0.01 min
Lab File: BF093802.D
Acq: 21 Mar 2017 17:04

Tgt Ion:	107	Resp:	640897
Ion	Ratio	Lower	Upper
107	100		
108	94.8	71.0	111.0
77	84.3	90.5	130.5#
79	29.1	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 545

Delta R.T. -0.00 min

Lab File: BF093802.D

Acq: 21 Mar 2017 17:04

Instrument :

BNA_F

ClientSampleId :

SGS47-9-11MSD

Tot Ion:136 Resp: 823252

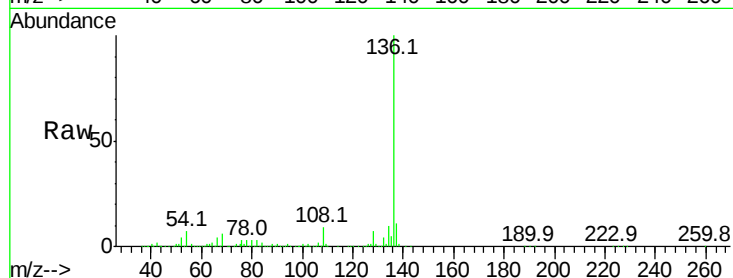
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.1 4.9 7.3

68 6.0 4.1 6.1

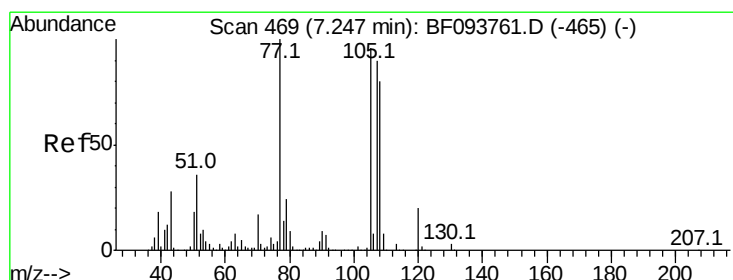
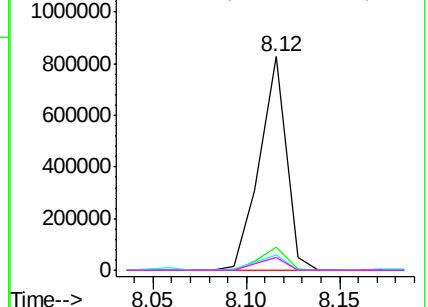
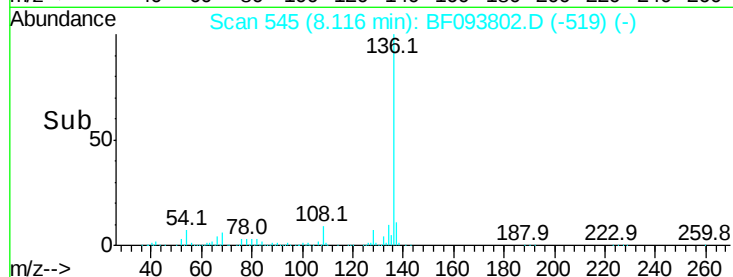


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 46.23 ng

RT: 7.24 min Scan# 468

Delta R.T. -0.00 min

Lab File: BF093802.D

Acq: 21 Mar 2017 17:04

Tgt Ion:105 Resp: 824120

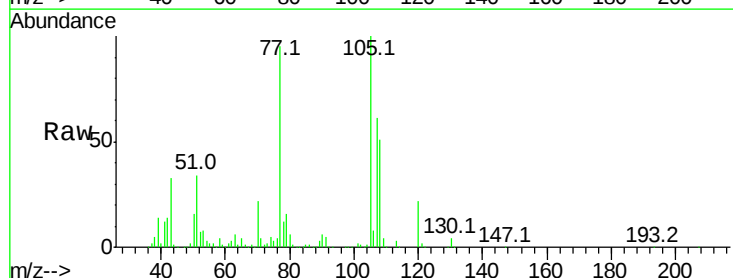
Ion Ratio Lower Upper

105 100

71 3.7 2.8 4.2

51 34.4 30.7 46.1

120 21.7 17.4 26.0

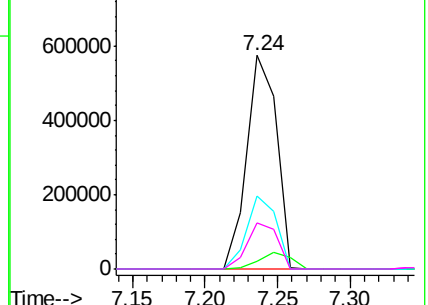
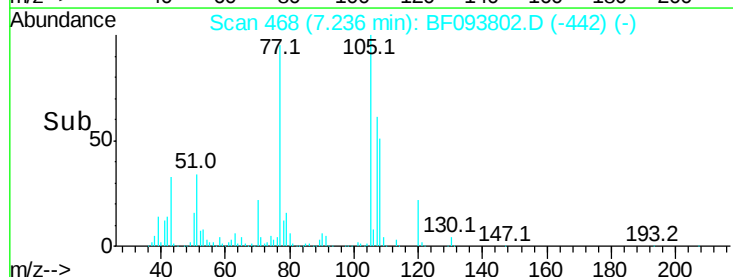


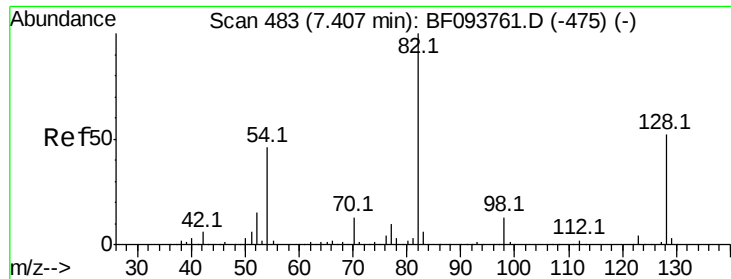
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

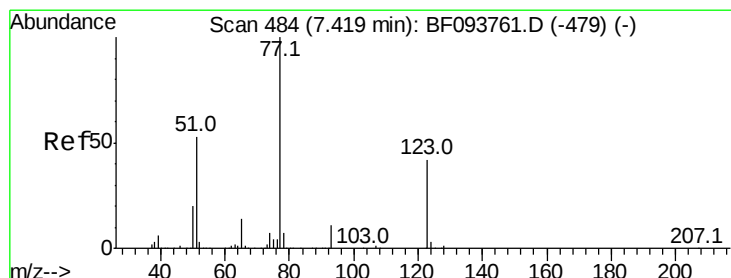
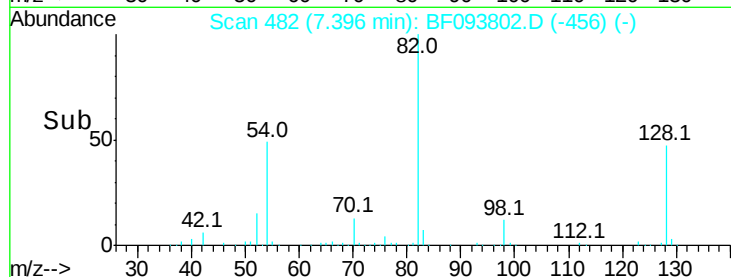
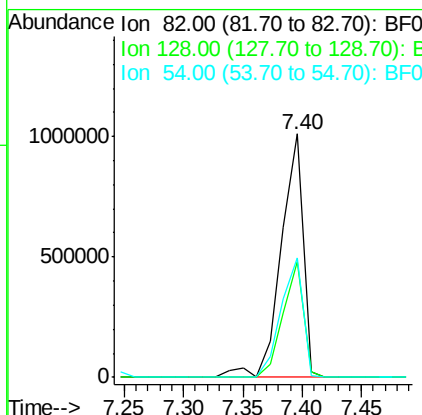
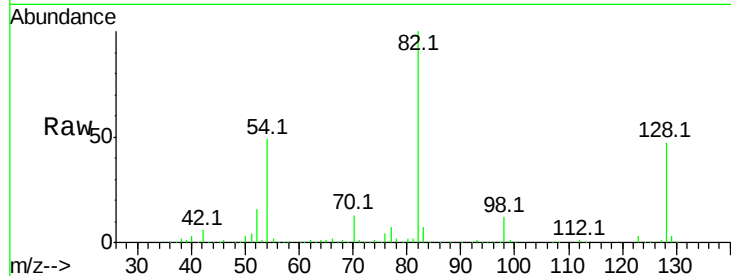




#23
Nitrobenzene-d5
Concen: 88.97 ng
RT: 7.40 min Scan# 482
Delta R.T. -0.00 min
Lab File: BF093802.D
Acq: 21 Mar 2017 17:04

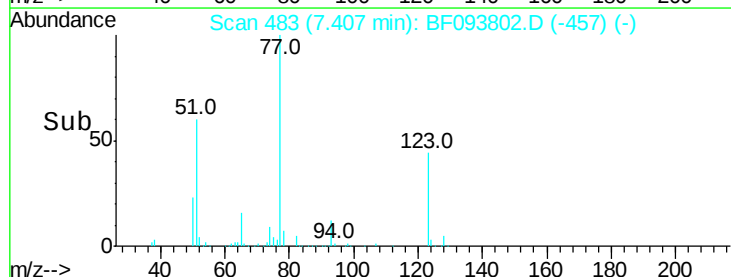
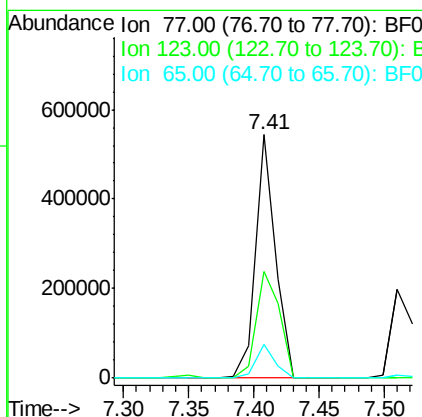
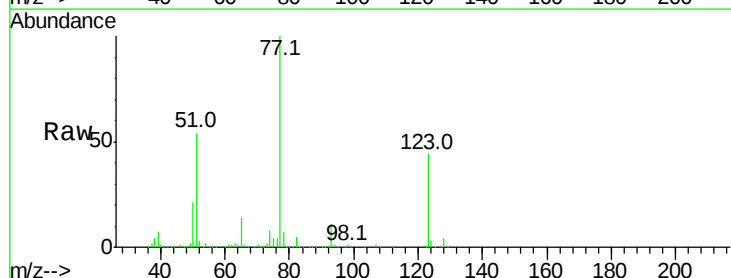
Instrument :
BNA_F
ClientSampleId :
SGS47-9-11MSD

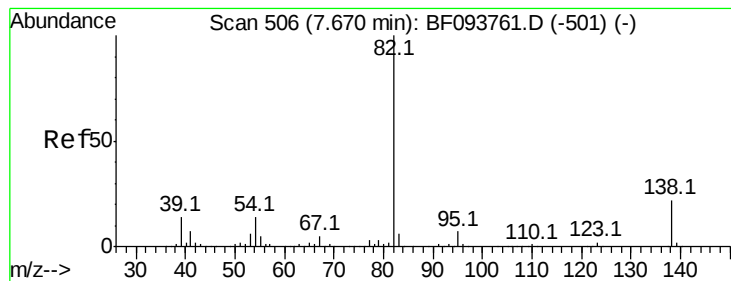
Tot Ion: 82 Resp: 1291230
Ion Ratio Lower Upper
82 100
128 47.5 34.0 51.0
54 49.0 42.2 63.2



#24
Nitrobenzene
Concen: 41.71 ng
RT: 7.41 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF093802.D
Acq: 21 Mar 2017 17:04

Tgt Ion: 77 Resp: 578272
Ion Ratio Lower Upper
77 100
123 43.6 35.8 53.8
65 13.7 10.6 15.8





#25

Isophorone

Concen: 46.50 ng

RT: 7.66 min Scan# 505

Delta R.T. -0.00 min

Lab File: BF093802.D

Acq: 21 Mar 2017 17:04

Instrument :

BNA_F

ClientSampleId :

SGS47-9-11MSD

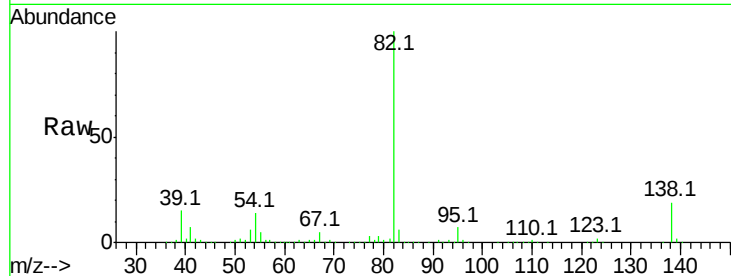
Tot Ion: 82 Resp: 1195476

Ion Ratio Lower Upper

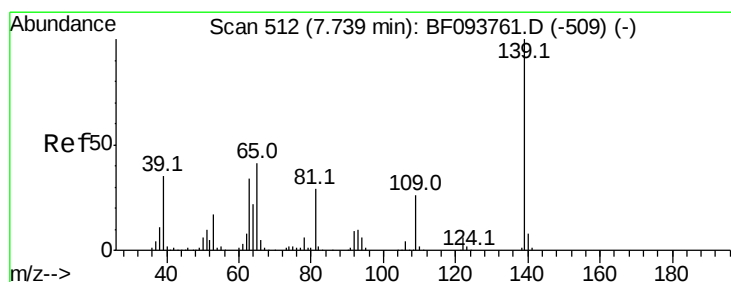
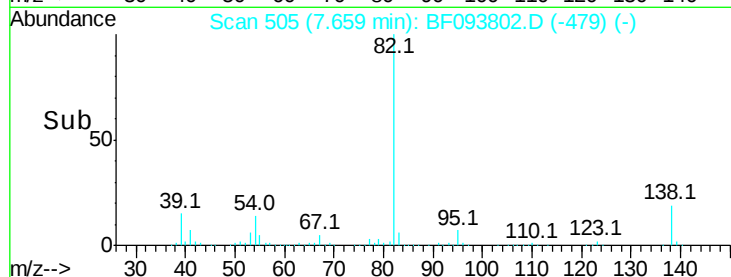
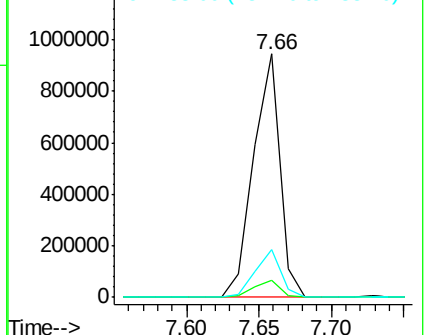
82 100

95 6.9 5.3 7.9

138 19.4 13.1 19.7



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: 51.63 ng

RT: 7.73 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF093802.D

Acq: 21 Mar 2017 17:04

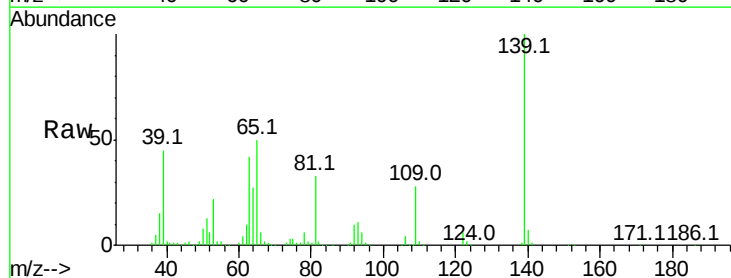
Tgt Ion: 139 Resp: 323734

Ion Ratio Lower Upper

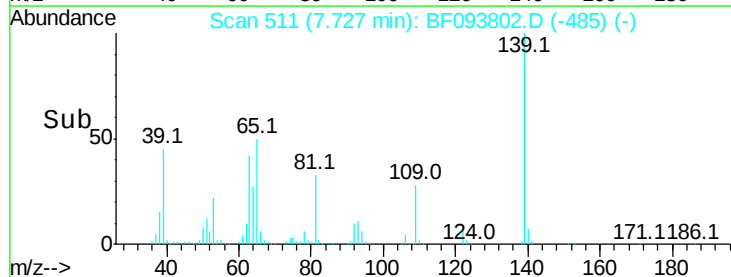
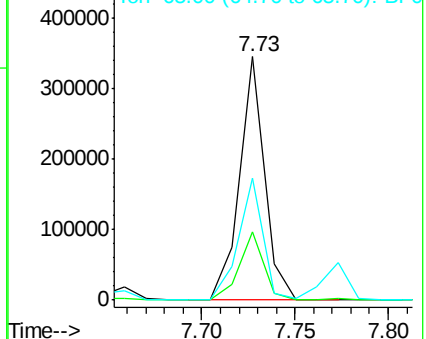
139 100

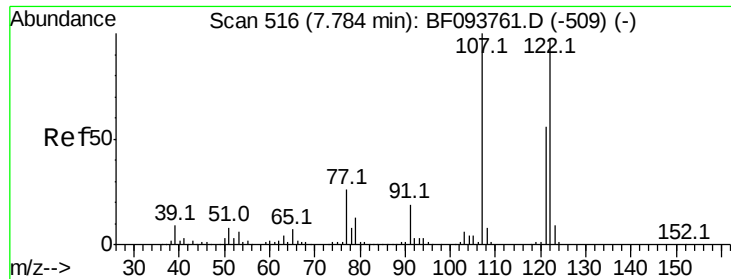
109 28.1 21.0 31.6

65 50.3 33.0 49.6#



Abundance Ion 139.00 (138.70 to 139.70): BF0
Ion 109.00 (108.70 to 109.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 45.62 ng

RT: 7.77 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF093802.D

Acq: 21 Mar 2017 17:04

Instrument :

BNA_F

ClientSampleId :

SGS47-9-11MSD

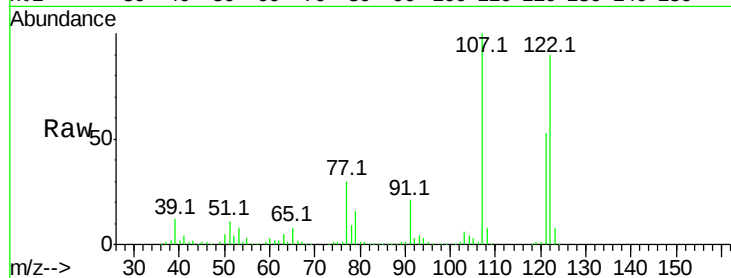
Tot Ion:122 Resp: 588273

Ion Ratio Lower Upper

122 100

107 110.6 89.2 133.8

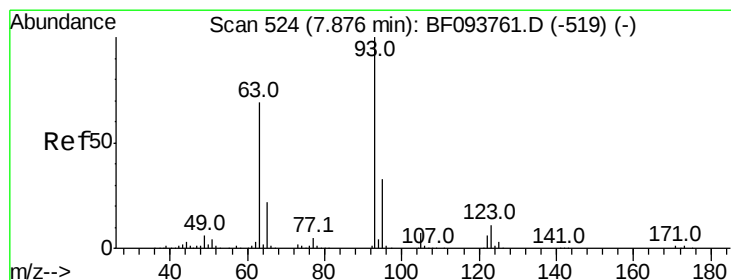
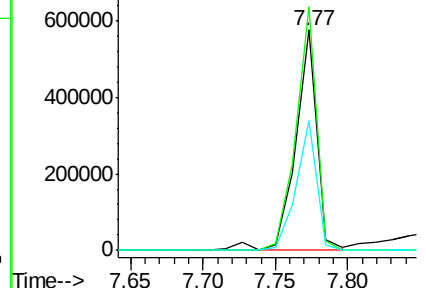
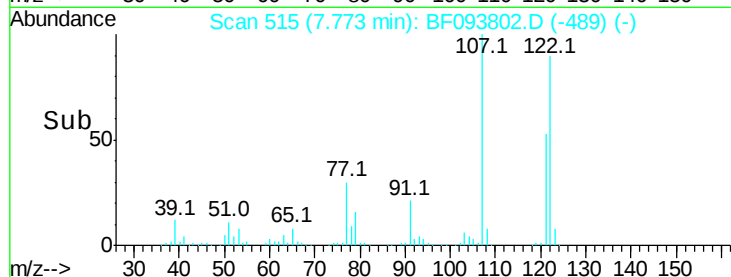
121 59.0 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.95 ng

RT: 7.86 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF093802.D

Acq: 21 Mar 2017 17:04

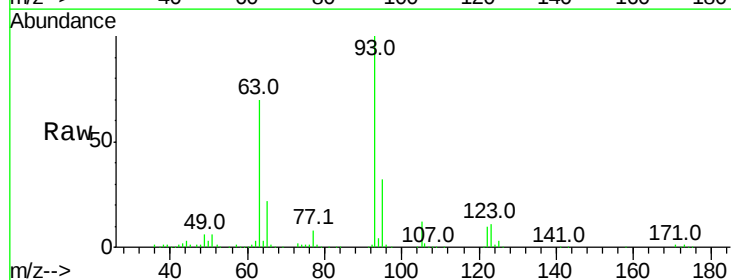
Tgt Ion: 93 Resp: 710392

Ion Ratio Lower Upper

93 100

95 32.2 26.5 39.7

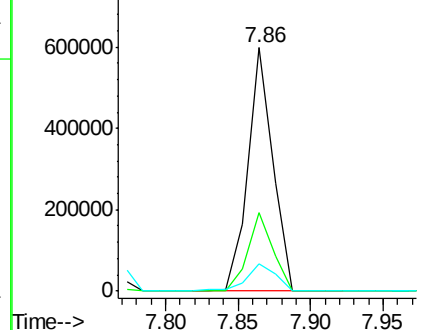
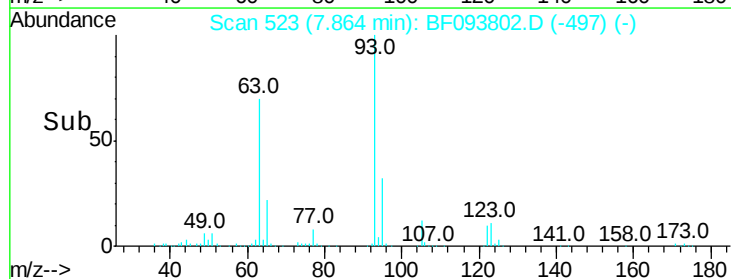
123 11.1 9.0 13.4

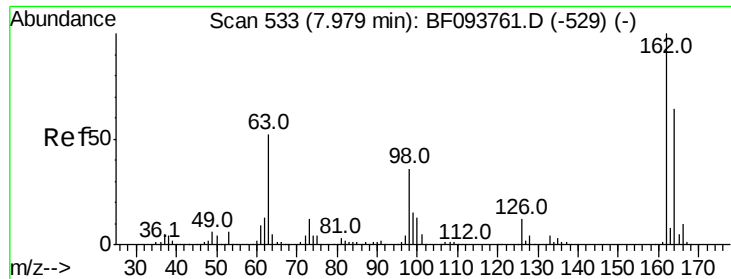


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

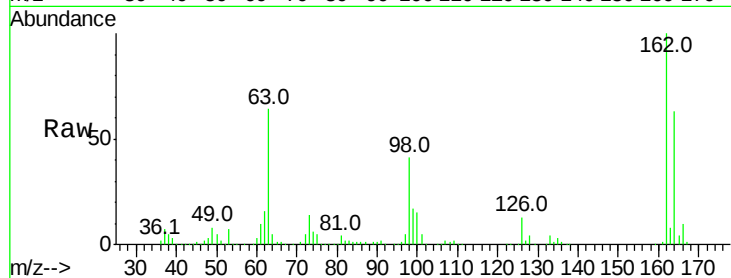




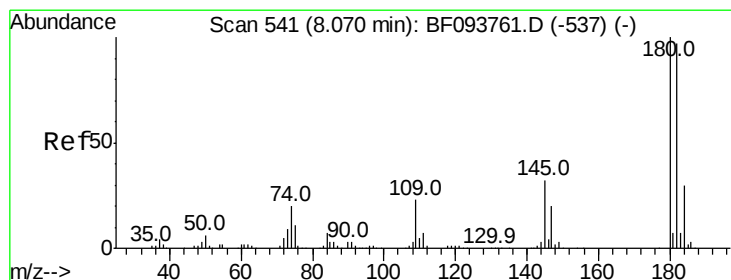
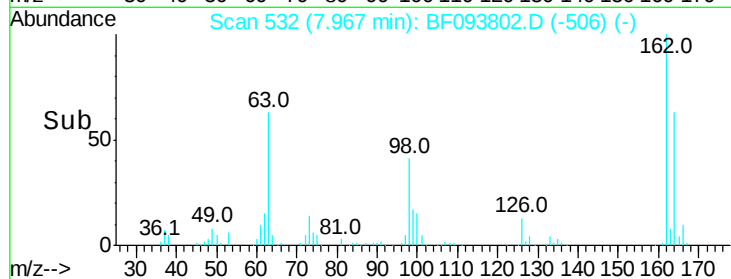
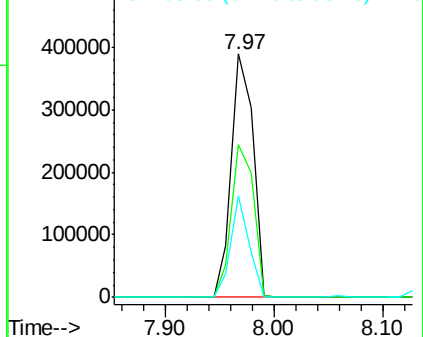
#29
 2,4-Dichlorophenol
 Concen: 48.83 ng
 RT: 7.97 min Scan# 532
 Delta R.T. -0.00 min
 Lab File: BF093802.D
 Acq: 21 Mar 2017 17:04

Instrument :
 BNA_F
 ClientSampleId :
 SGS47-9-11MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.0	44.6	84.6
98	41.5	14.8	54.8

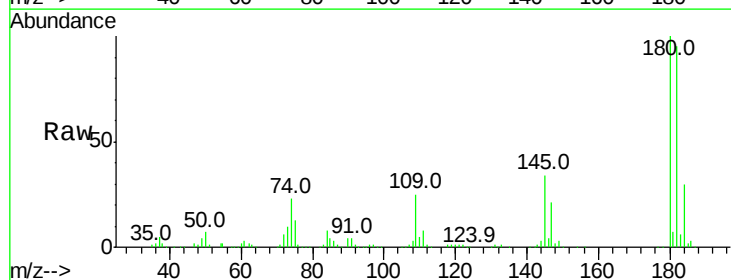


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

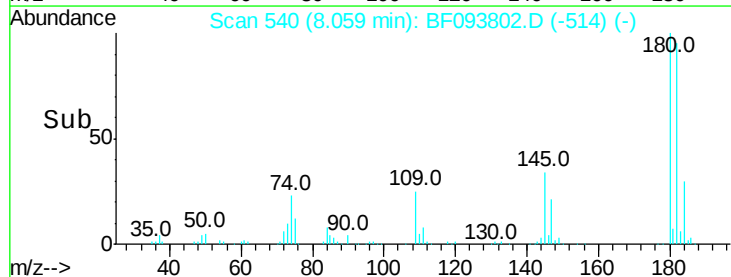
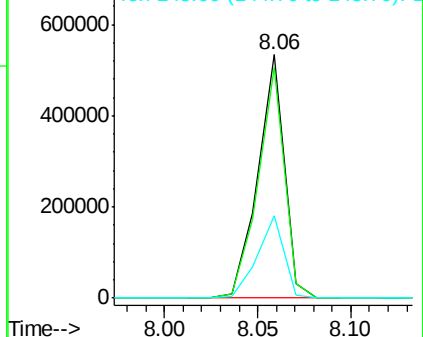


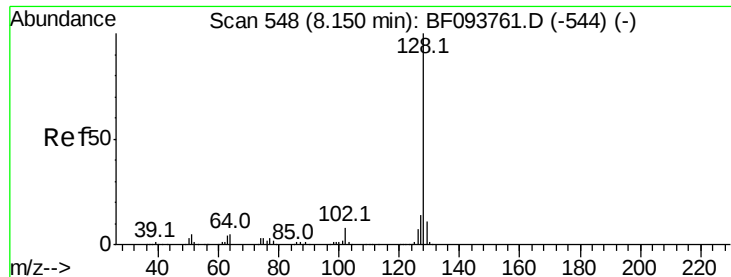
#30
 1,2,4-Trichlorobenzene
 Concen: 45.70 ng
 RT: 8.06 min Scan# 540
 Delta R.T. -0.00 min
 Lab File: BF093802.D
 Acq: 21 Mar 2017 17:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.8	113.6
145	33.6	25.3	37.9



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

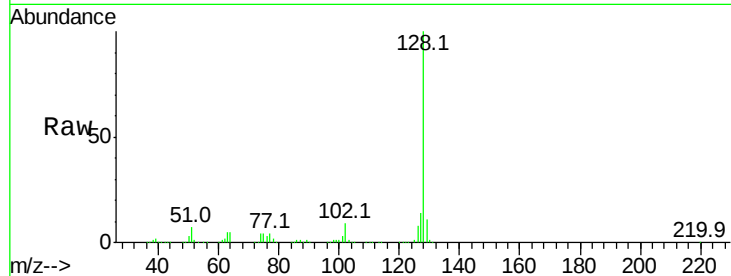




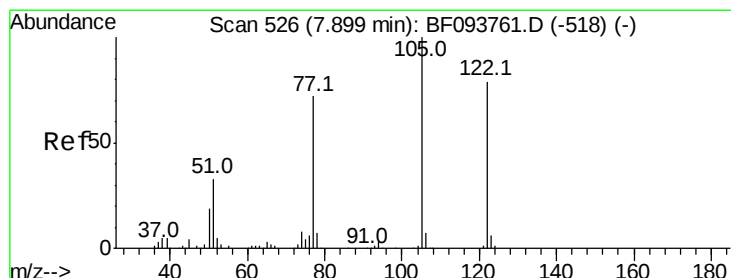
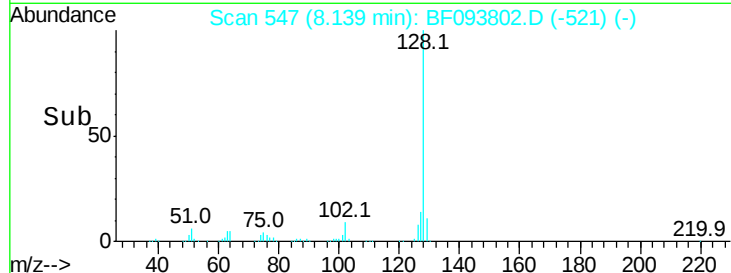
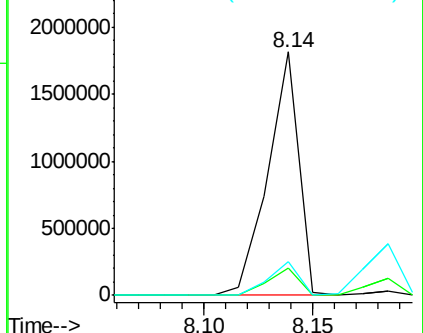
#31
Naphthalene
Concen: 47.35 ng
RT: 8.14 min Scan# 547
Delta R.T. -0.00 min
Lab File: BF093802.D
Acq: 21 Mar 2017 17:04

Instrument :
BNA_F
ClientSampleId :
SGS47-9-11MSD

Tot Ion:128 Resp: 1809537
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.6 10.8 16.2

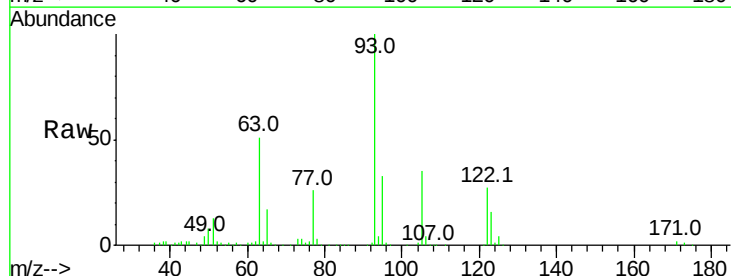


Abundance Ion 128.00 (127.70 to 128.70): E
2500000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

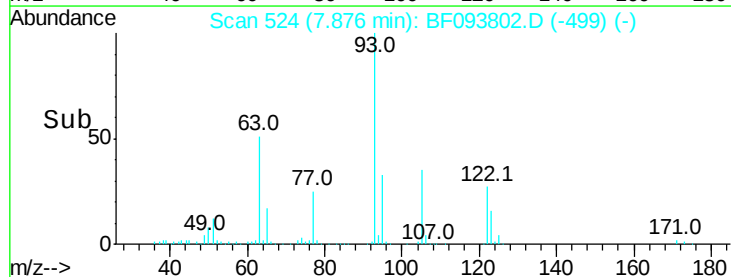
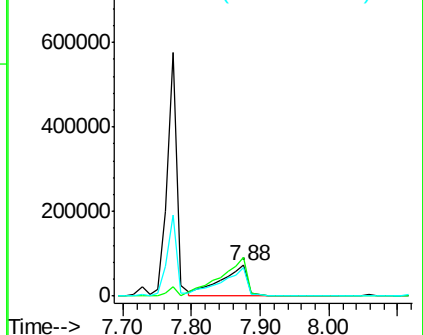


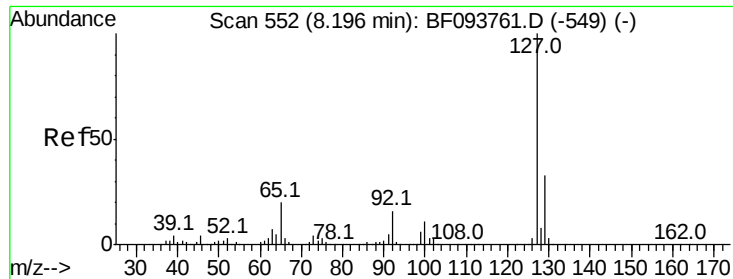
#32
Benzoic acid
Concen: 25.44 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF093802.D
Acq: 21 Mar 2017 17:04

Tgt Ion:122 Resp: 204029
Ion Ratio Lower Upper
122 100
105 126.2 103.3 143.3
77 93.5 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E
800000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

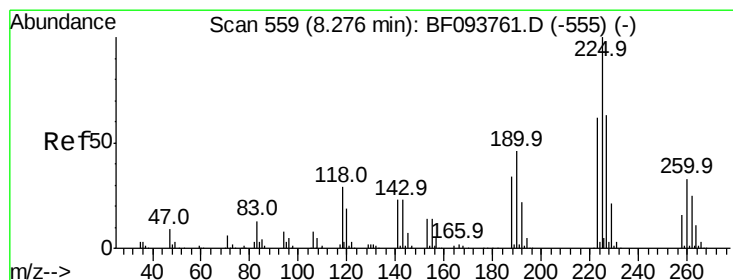
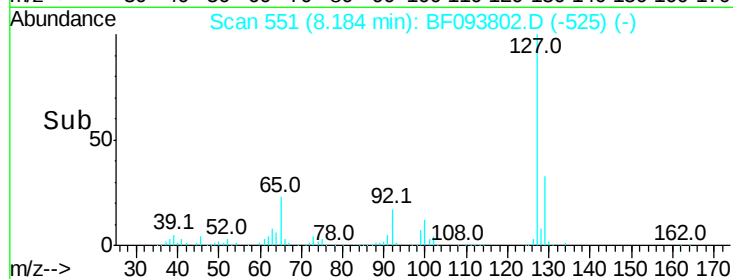
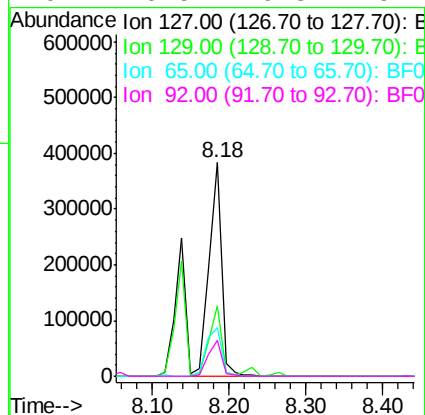
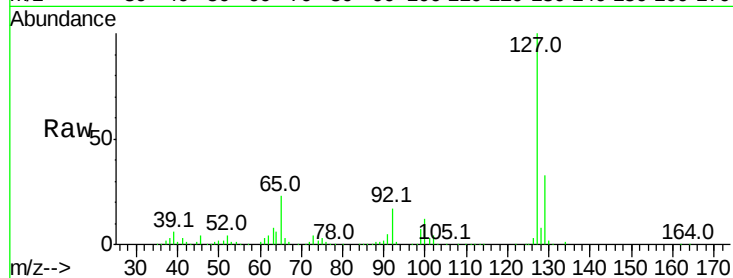




#33
4-Chloroaniline
Concen: 26.22 ng
RT: 8.18 min Scan# 551
Delta R.T. -0.00 min
Lab File: BF093802.D
Acq: 21 Mar 2017 17:04

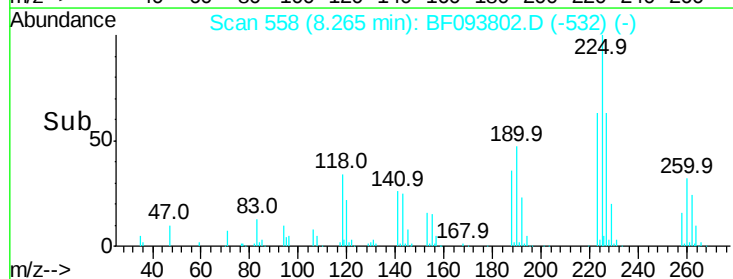
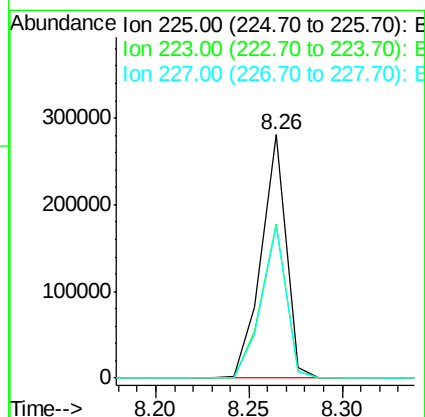
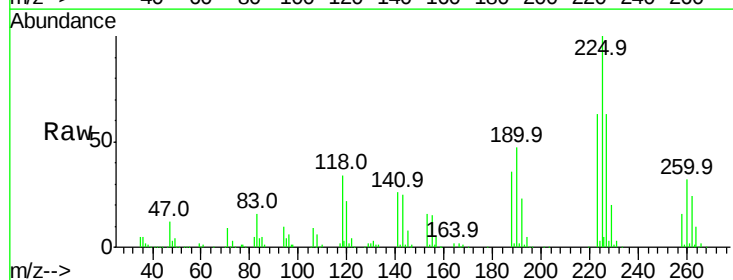
Instrument :
BNA_F
ClientSampleId :
SGS47-9-11MSD

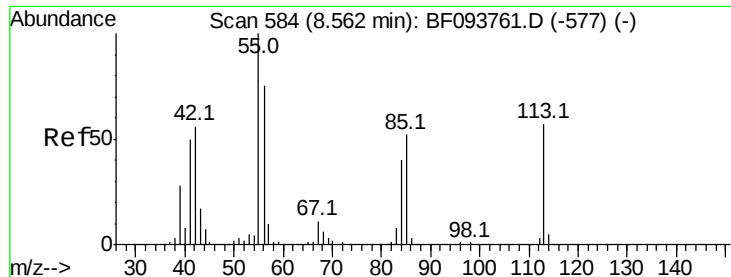
Tot Ion:	127	Resp:	430590
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.2	39.2
65	22.8	27.8	41.8#
92	16.5	16.8	25.2#



#34
Hexachlorobutadiene
Concen: 43.03 ng
RT: 8.26 min Scan# 558
Delta R.T. -0.00 min
Lab File: BF093802.D
Acq: 21 Mar 2017 17:04

Tgt Ion:	225	Resp:	257930
Ion	Ratio	Lower	Upper
225	100		
223	63.2	48.8	73.2
227	62.7	51.1	76.7





#35

Caprolactam

Concen: 34.42 ng

RT: 8.55 min Scan# 583

Delta R.T. -0.00 min

Lab File: BF093802.D

Acq: 21 Mar 2017 17:04

Instrument :

BNA_F

ClientSampleId :

SGS47-9-11MSD

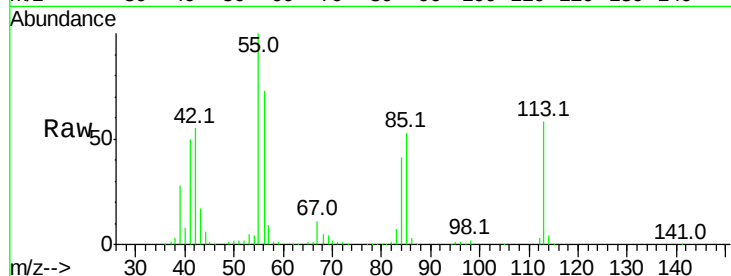
Tot Ion:113 Resp: 118596

Ion Ratio Lower Upper

113 100

55 171.0 150.2 190.2

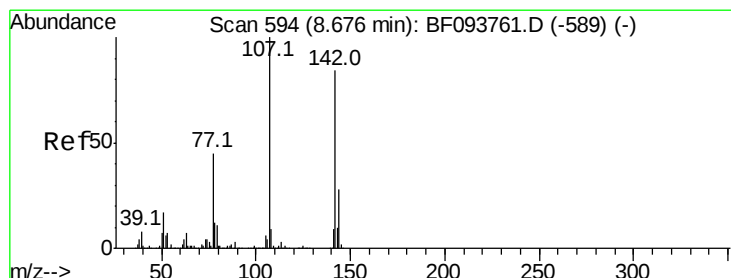
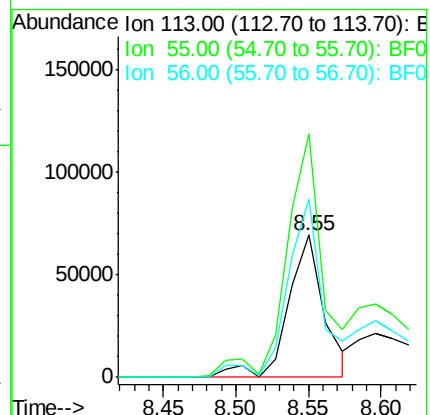
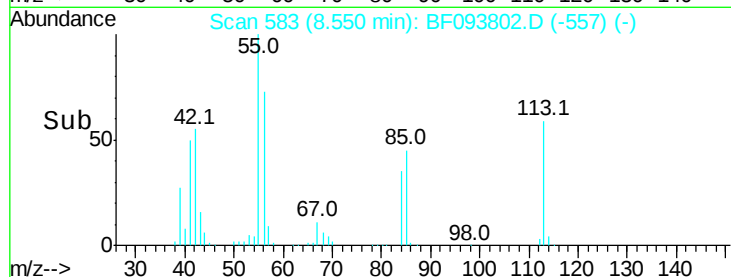
56 124.9 107.8 147.8



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: 50.73 ng

RT: 8.68 min Scan# 594

Delta R.T. 0.01 min

Lab File: BF093802.D

Acq: 21 Mar 2017 17:04

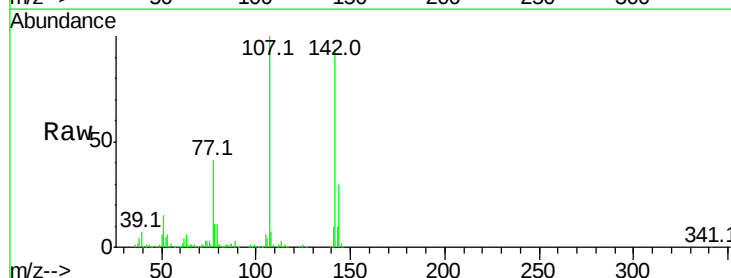
Tgt Ion:107 Resp: 576967

Ion Ratio Lower Upper

107 100

144 30.3 24.2 36.4

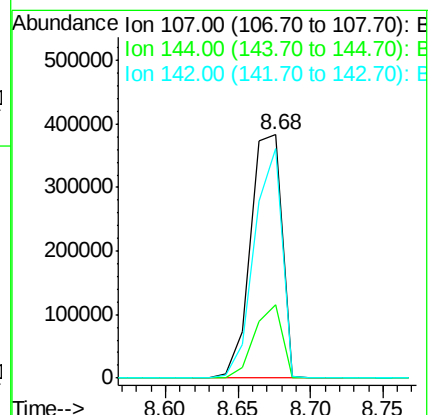
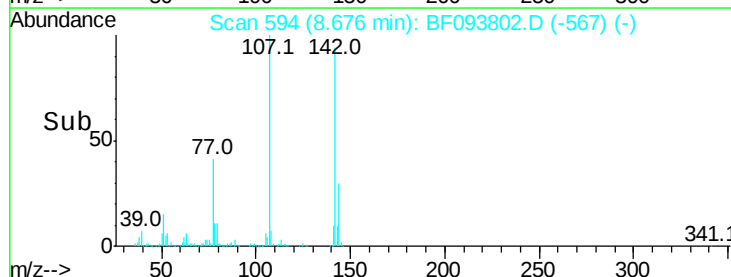
142 94.1 73.4 110.0

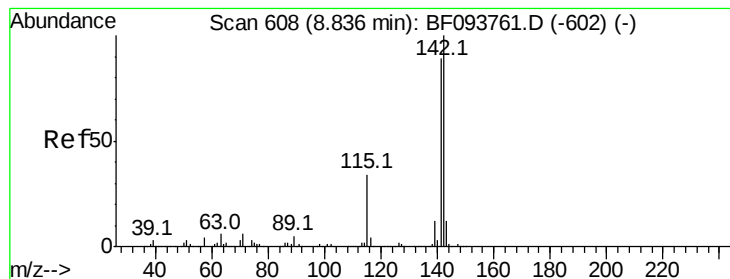


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 45.67 ng

RT: 8.82 min Scan# 607

Delta R.T. -0.00 min

Lab File: BF093802.D

Acq: 21 Mar 2017 17:04

Instrument :

BNA_F

ClientSampleId :

SGS47-9-11MSD

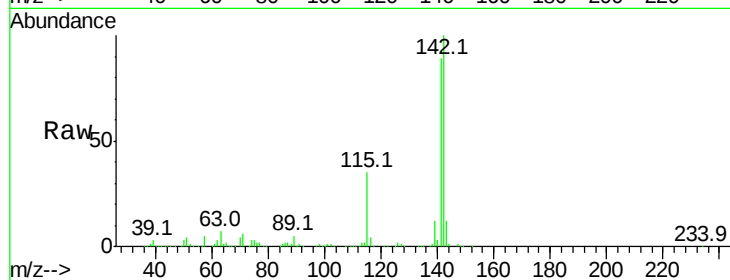
Tot Ion:142 Resp: 1139222

Ion Ratio Lower Upper

142 100

141 88.9 71.3 106.9

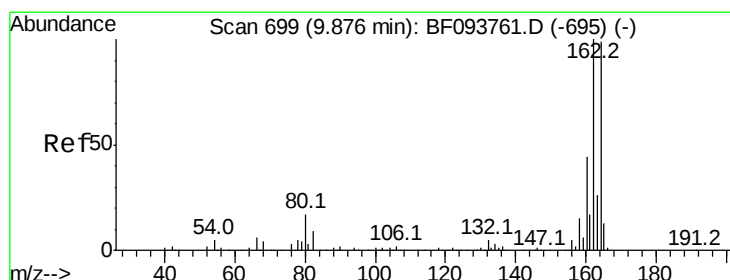
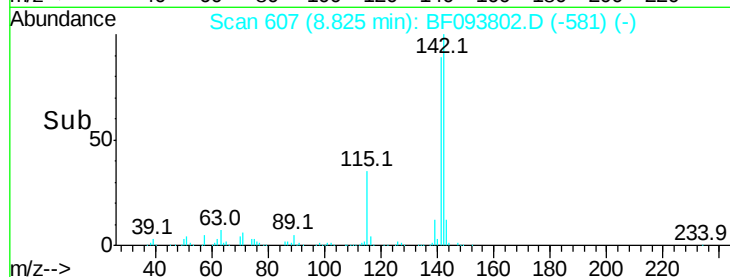
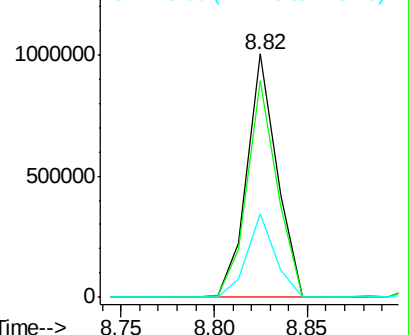
115 34.5 27.1 40.7



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: 9.86 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF093802.D

Acq: 21 Mar 2017 17:04

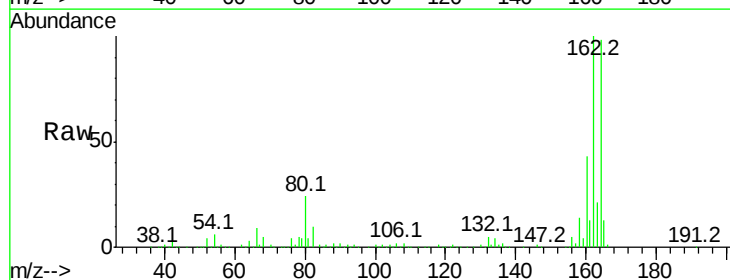
Tgt Ion:164 Resp: 363051

Ion Ratio Lower Upper

164 100

162 101.8 82.6 123.8

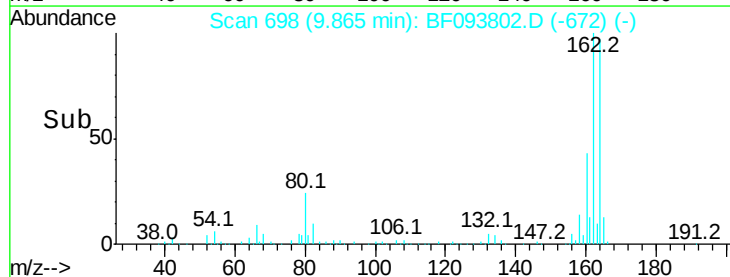
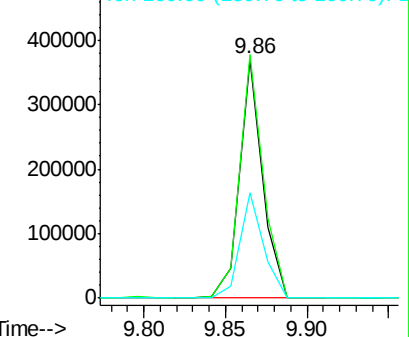
160 44.1 36.2 54.2

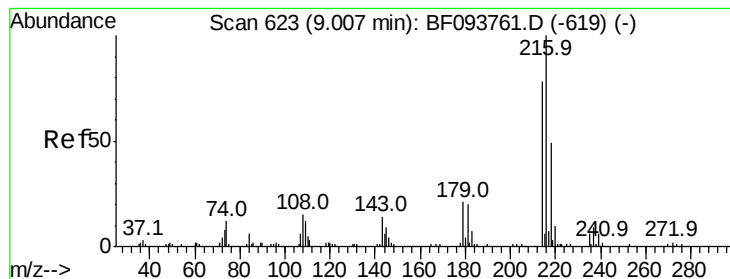


Abundance Ion 164.00 (163.70 to 164.70): E

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: 43.34 ng

RT: 9.00 min Scan# 622

Delta R.T. -0.00 min

Lab File: BF093802.D

Acq: 21 Mar 2017 17:04

Instrument :

BNA_F

ClientSampleId :

SGS47-9-11MSD

Tot Ion:216 Resp: 416683

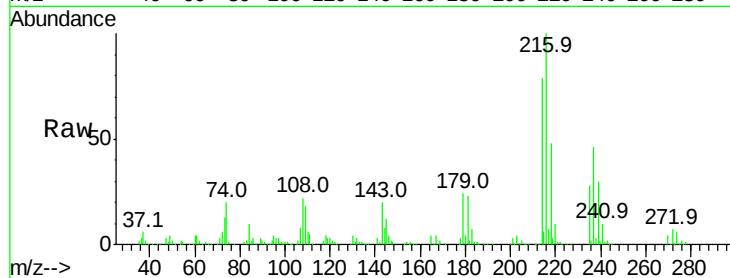
Ion Ratio Lower Upper

216 100

214 78.7 63.4 95.2

179 23.2 17.9 26.9

108 24.5 16.5 24.7

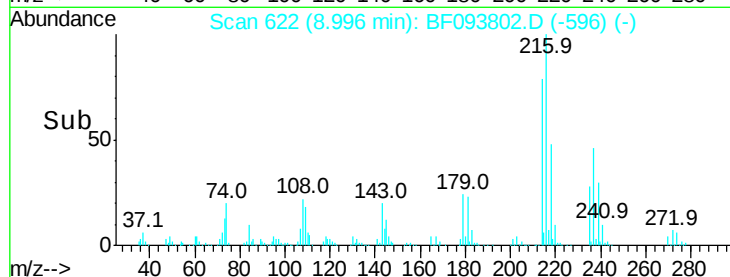


Abundance Ion 216.00 (215.70 to 216.70): E

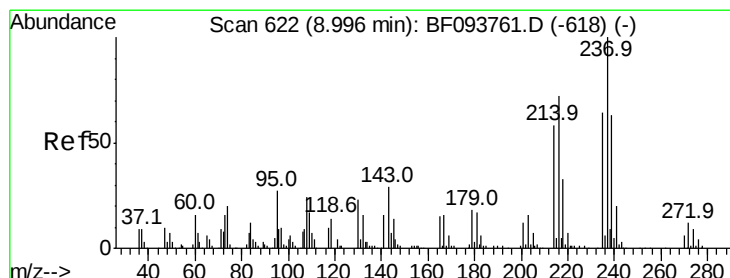
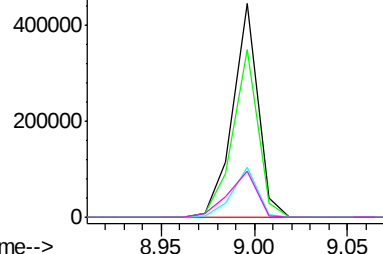
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 79.77 ng

RT: 8.98 min Scan# 621

Delta R.T. -0.00 min

Lab File: BF093802.D

Acq: 21 Mar 2017 17:04

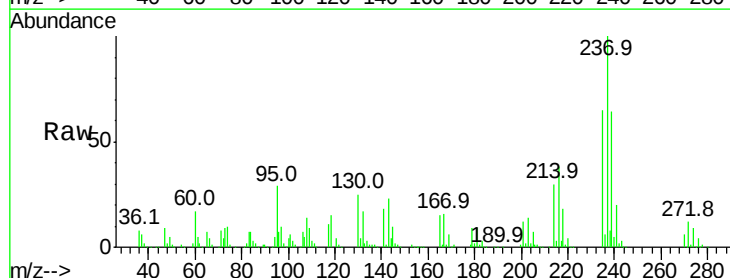
Tgt Ion:237 Resp: 386935

Ion Ratio Lower Upper

237 100

235 65.4 42.6 82.6

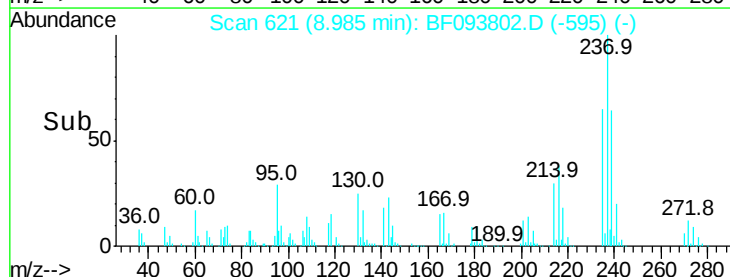
272 11.8 0.0 31.9



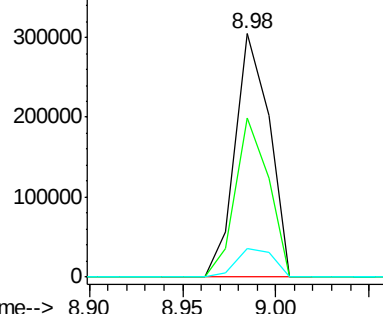
Abundance Ion 236.80 (236.50 to 237.50): E

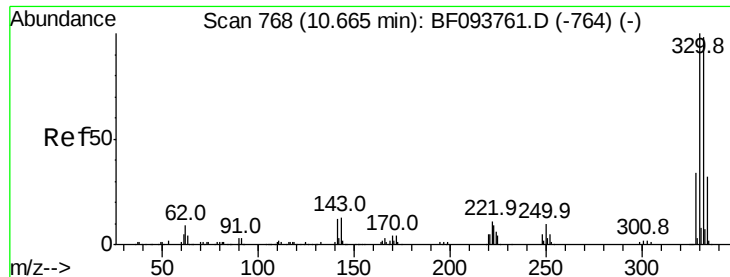
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

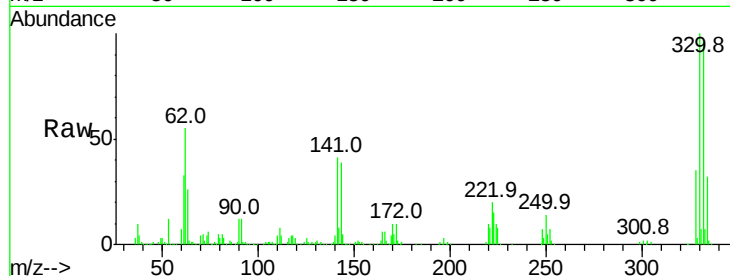




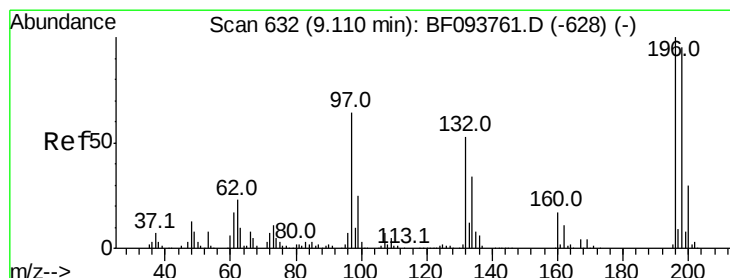
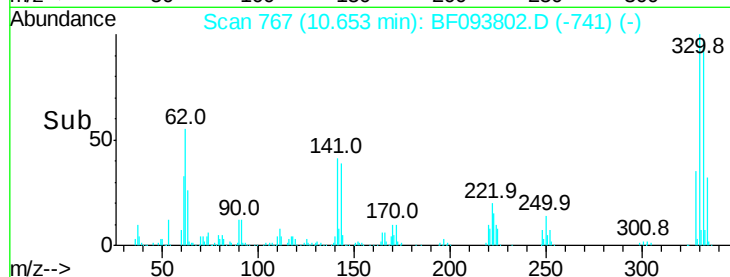
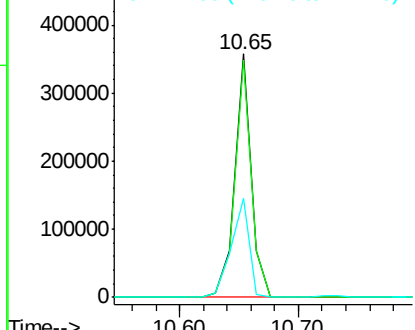
#41
 2,4,6-Tribromophenol
 Concen: 122.61 ng
 RT: 10.65 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BF093802.D
 Acq: 21 Mar 2017 17:04

Instrument :
 BNA_F
 ClientSampleId :
 SGS47-9-11MSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	115.0
141	43.8	31.4	47.2

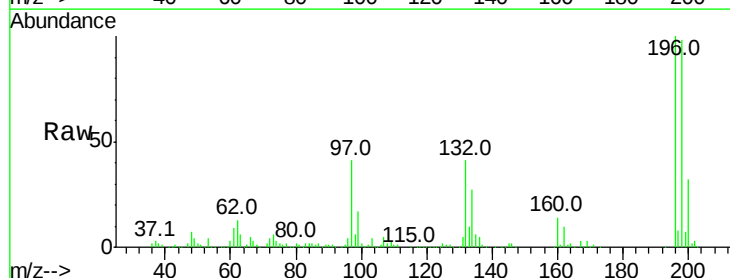


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

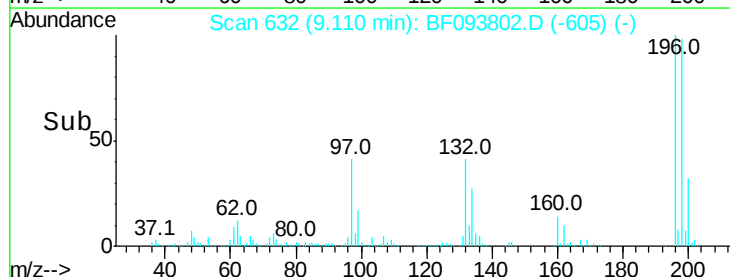
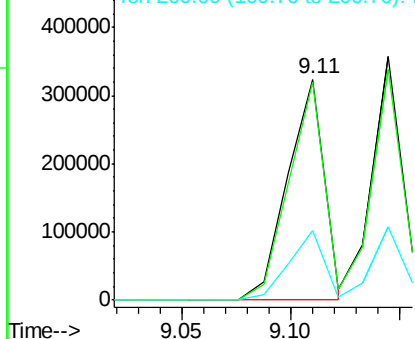


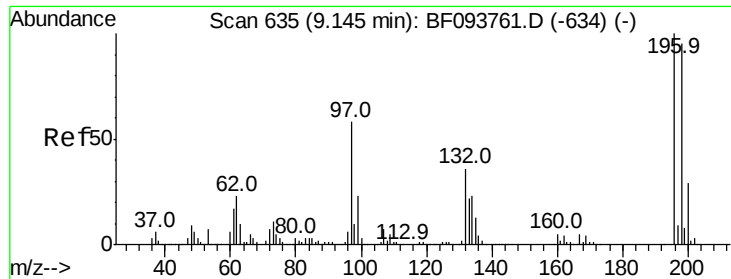
#42
 2,4,6-Trichlorophenol
 Concen: 54.40 ng
 RT: 9.11 min Scan# 632
 Delta R.T. 0.01 min
 Lab File: BF093802.D
 Acq: 21 Mar 2017 17:04

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.3	74.2	111.4
200	31.6	24.0	36.0



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

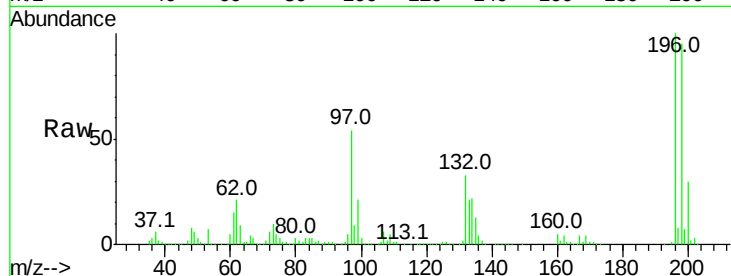




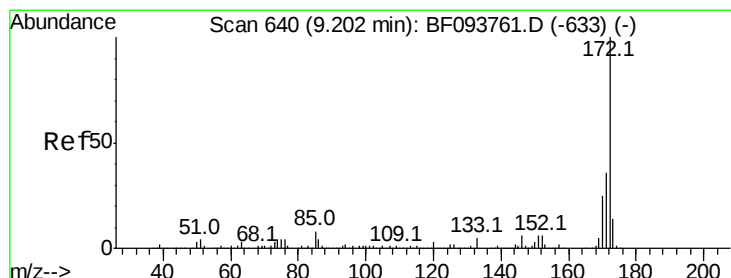
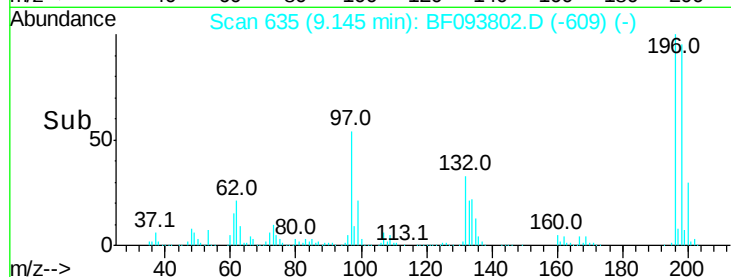
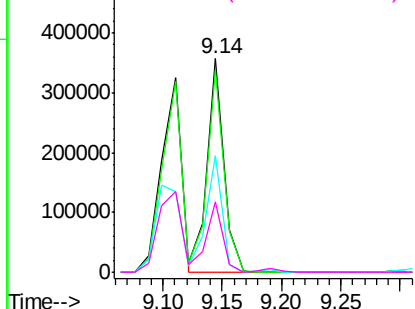
#43
 2,4,5-Trichlorophenol
 Concen: 48.42 ng
 RT: 9.14 min Scan# 635
 Delta R.T. -0.00 min
 Lab File: BF093802.D
 Acq: 21 Mar 2017 17:04

Instrument :
 BNA_F
 ClientSampleId :
 SGS47-9-11MSD

Tot Ion:196 Resp: 350841
 Ion Ratio Lower Upper
 196 100
 198 94.9 75.7 113.5
 97 54.3 47.7 71.5
 132 33.1 28.0 42.0

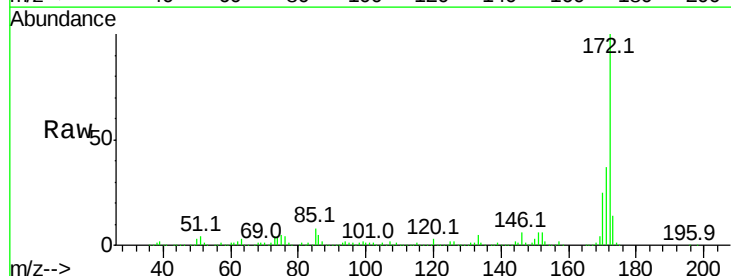


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

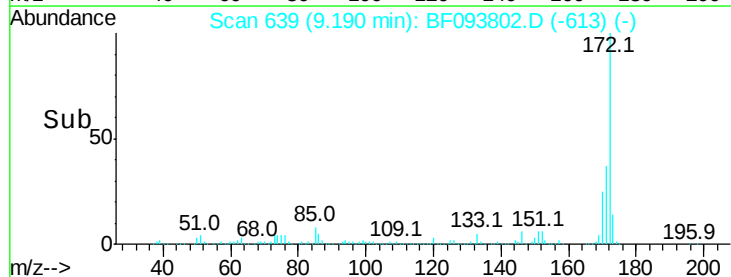
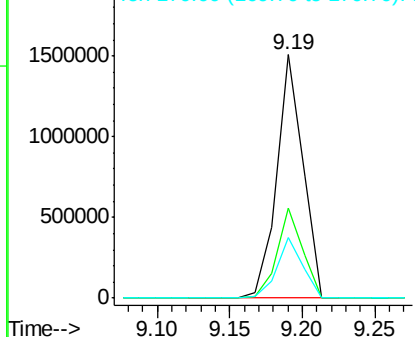


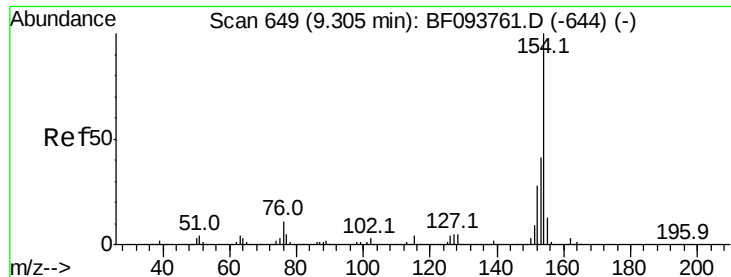
#44
 2-Fluorobiphenyl
 Concen: 87.14 ng
 RT: 9.19 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF093802.D
 Acq: 21 Mar 2017 17:04

Tgt Ion:172 Resp: 1881340
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.6 44.4
 170 24.6 19.8 29.8



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





#45

1,1'-Biphenyl

Concen: 44.52 ng

RT: 9.29 min Scan# 648

Delta R.T. -0.00 min

Lab File: BF093802.D

Acq: 21 Mar 2017 17:04

Instrument :

BNA_F

ClientSampleId :

SGS47-9-11MSD

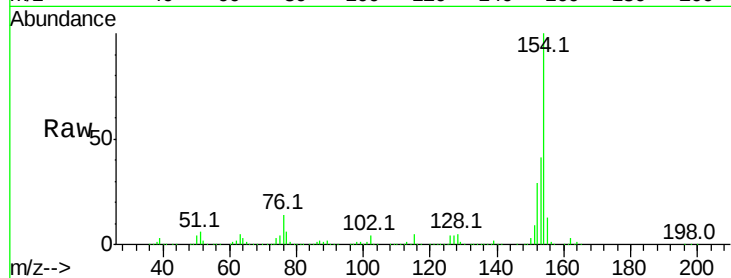
Tot Ion:154 Resp: 1313648

Ion Ratio Lower Upper

154 100

153 41.1 21.2 61.2

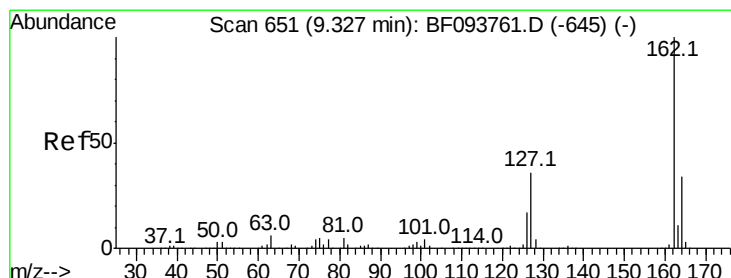
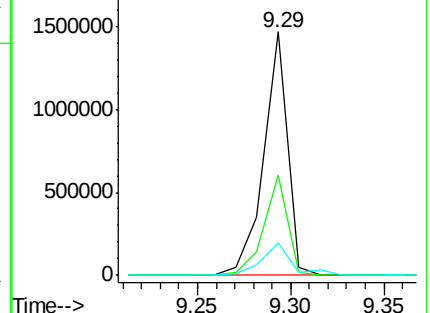
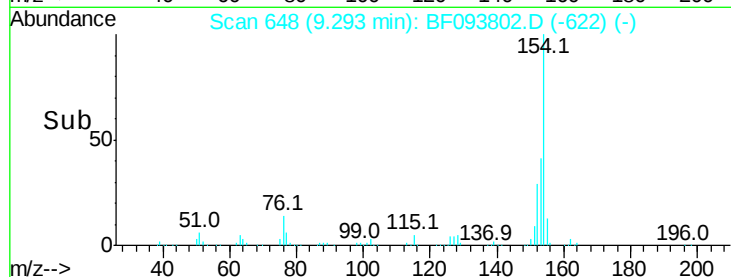
76 13.5 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 47.74 ng

RT: 9.32 min Scan# 650

Delta R.T. -0.00 min

Lab File: BF093802.D

Acq: 21 Mar 2017 17:04

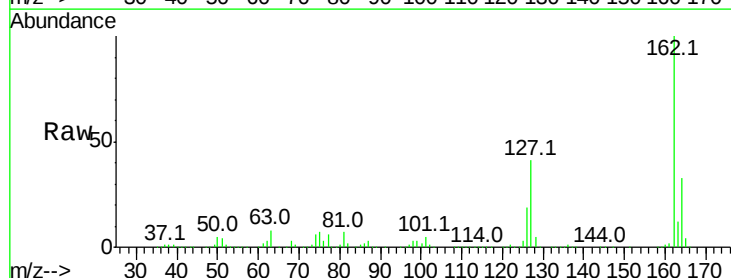
Tgt Ion:162 Resp: 1080175

Ion Ratio Lower Upper

162 100

127 41.1 28.3 42.5

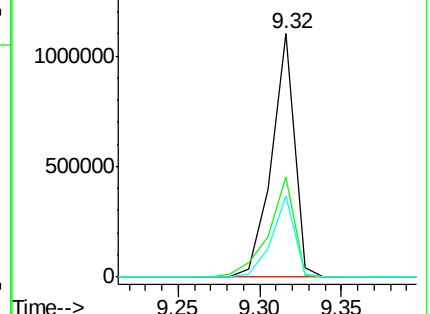
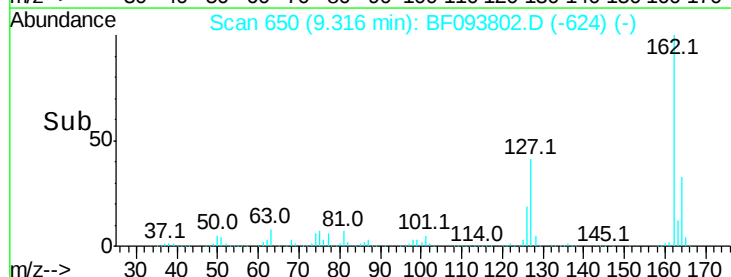
164 33.2 27.0 40.4

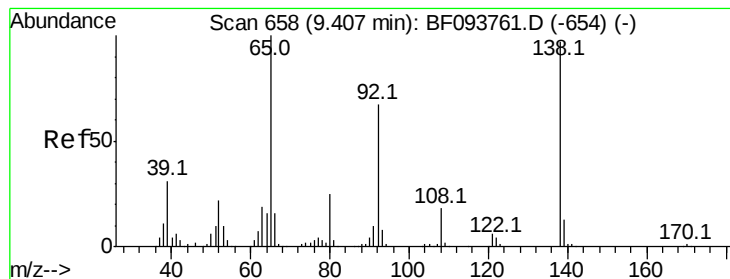


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 57.95 ng

RT: 9.41 min Scan# 658

Delta R.T. -0.00 min

Lab File: BF093802.D

Acq: 21 Mar 2017 17:04

Instrument :

BNA_F

ClientSampleId :

SGS47-9-11MSD

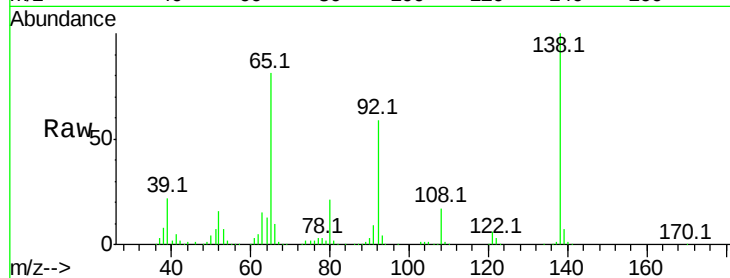
Tot Ion: 65 Resp: 366161

Ion Ratio Lower Upper

65 100

92 72.9 53.9 80.9

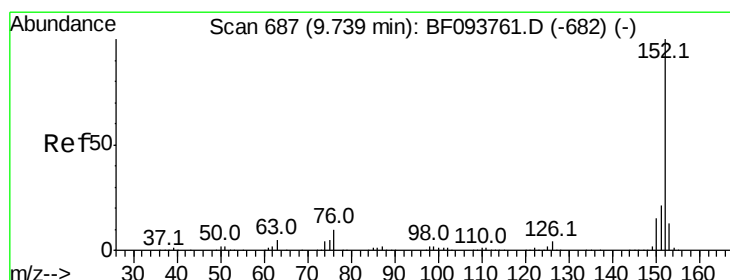
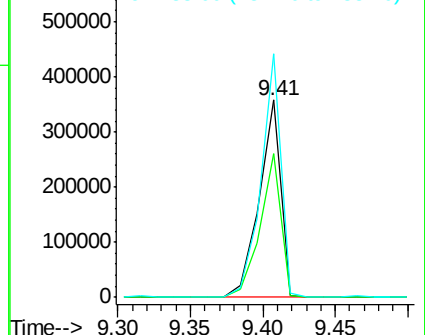
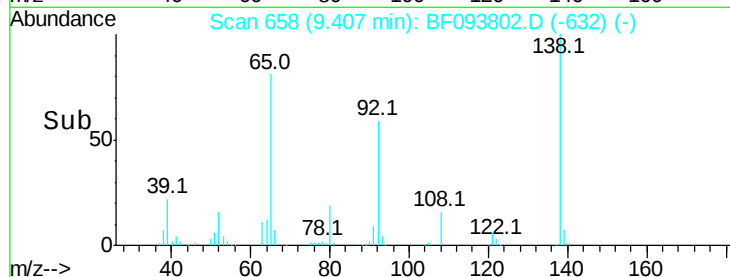
138 123.4 78.8 118.2#



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 42.65 ng

RT: 9.73 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF093802.D

Acq: 21 Mar 2017 17:04

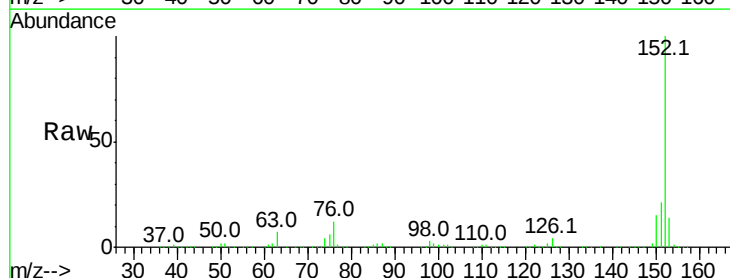
Tgt Ion: 152 Resp: 1570386

Ion Ratio Lower Upper

152 100

151 21.0 16.8 25.2

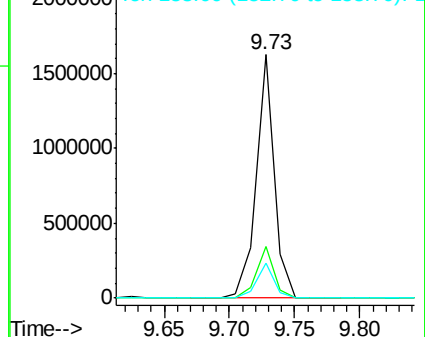
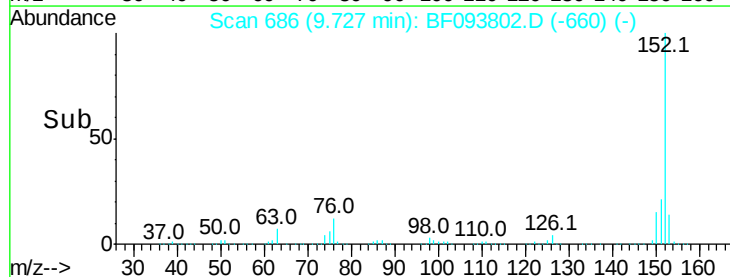
153 14.2 10.8 16.2

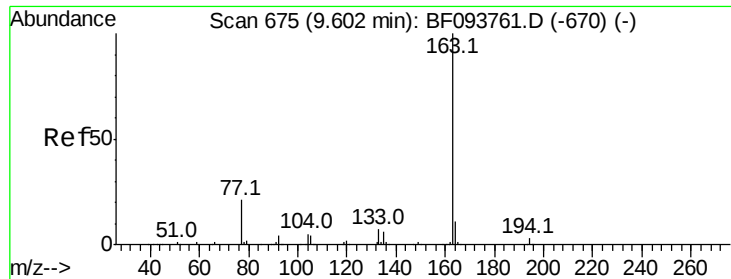


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

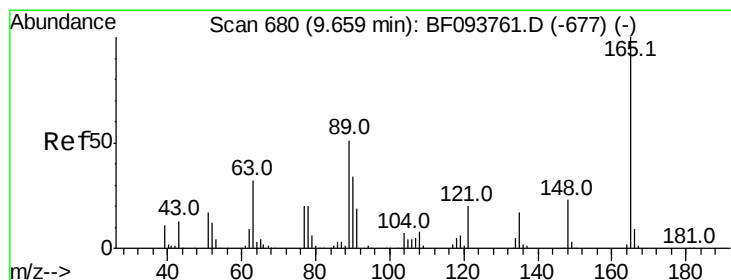
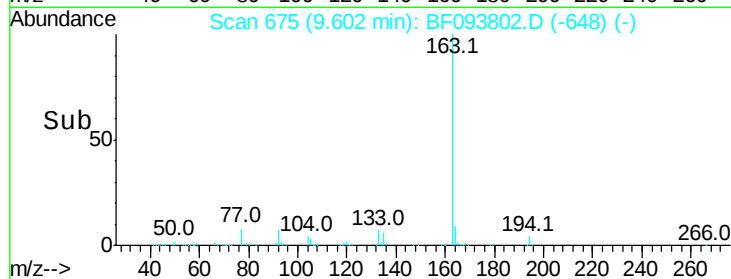
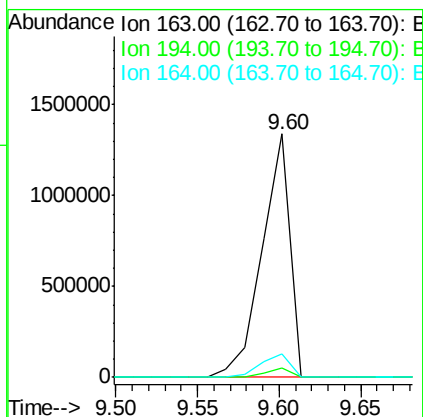
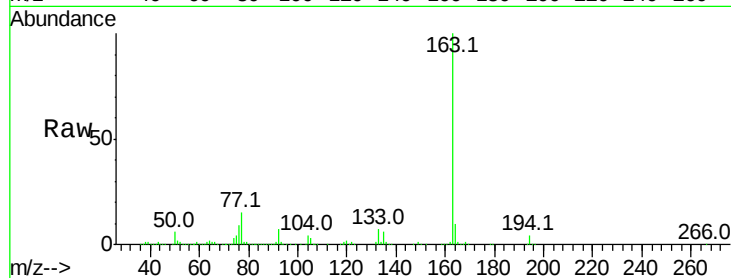




#49
Dimethylphthalate
Concen: 61.42 ng
RT: 9.60 min Scan# 675
Delta R.T. 0.01 min
Lab File: BF093802.D
Acq: 21 Mar 2017 17:04

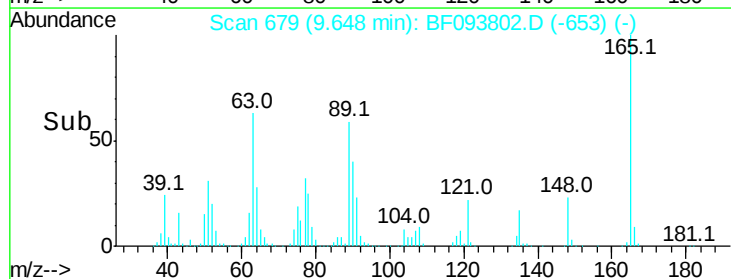
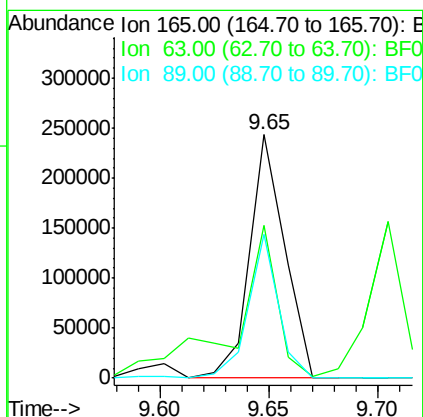
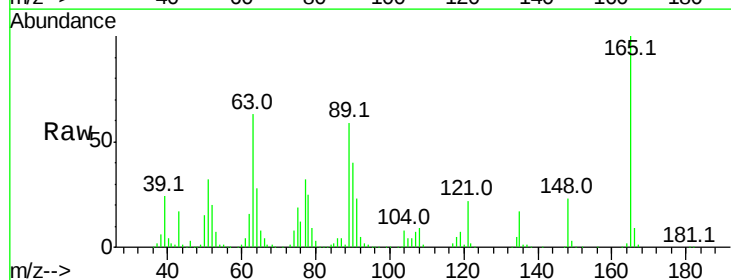
Instrument :
BNA_F
ClientSampleId :
SGS47-9-11MSD

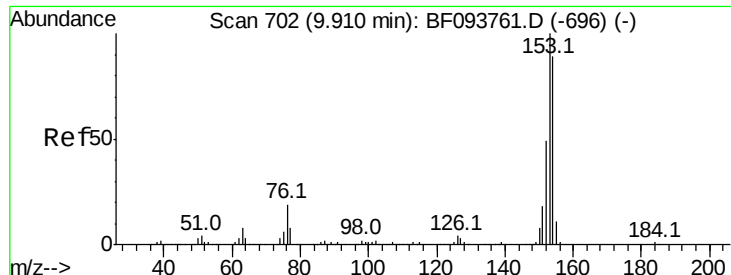
Tot Ion:163 Resp: 1586980
Ion Ratio Lower Upper
163 100
194 3.9 2.6 4.0
164 9.7 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 48.02 ng
RT: 9.65 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF093802.D
Acq: 21 Mar 2017 17:04

Tgt Ion:165 Resp: 272379
Ion Ratio Lower Upper
165 100
63 63.0 34.3 51.5#
89 59.2 37.1 55.7#





#51

Acenaphthene

Concen: 47.72 ng

RT: 9.90 min Scan# 701

Delta R.T. -0.00 min

Lab File: BF093802.D

Acq: 21 Mar 2017 17:04

Instrument :

BNA_F

ClientSampleId :

SGS47-9-11MSD

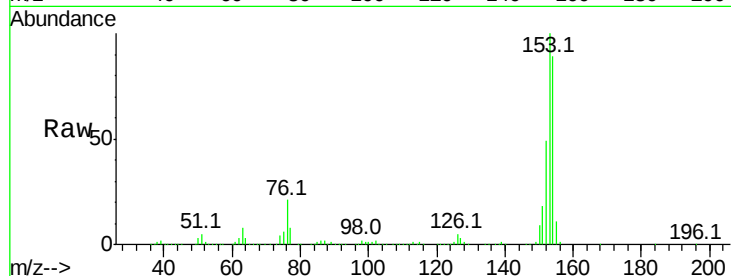
Tot Ion:154 Resp: 1049439

Ion Ratio Lower Upper

154 100

153 112.1 90.5 135.7

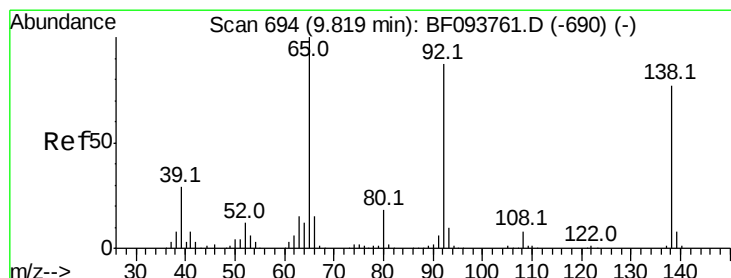
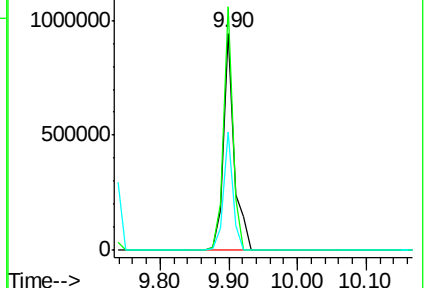
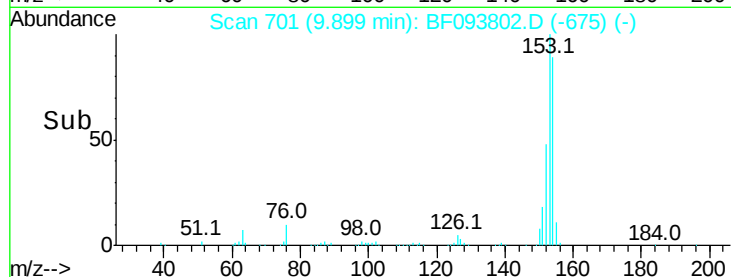
152 54.4 43.6 65.4



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: 37.14 ng

RT: 9.82 min Scan# 694

Delta R.T. 0.01 min

Lab File: BF093802.D

Acq: 21 Mar 2017 17:04

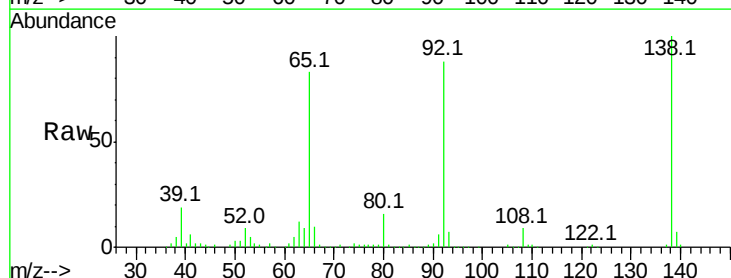
Tgt Ion:138 Resp: 252902

Ion Ratio Lower Upper

138 100

108 9.0 9.1 13.7#

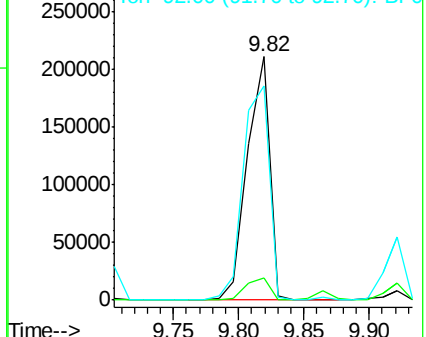
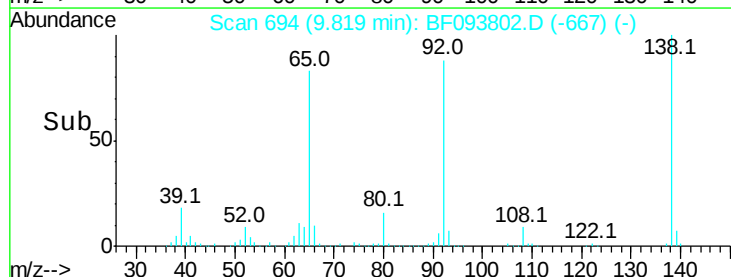
92 87.8 93.8 140.6#

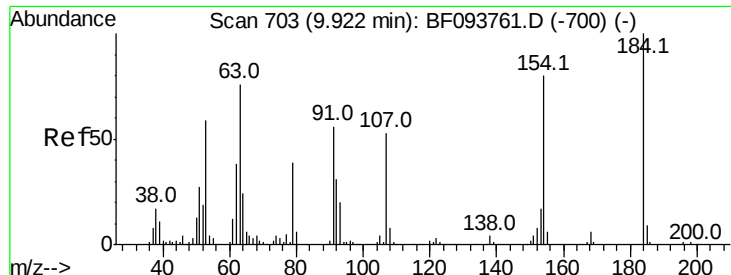


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

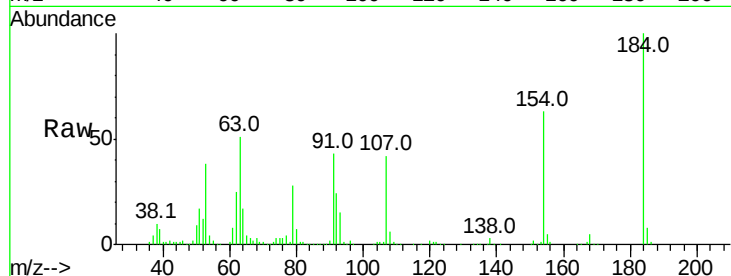




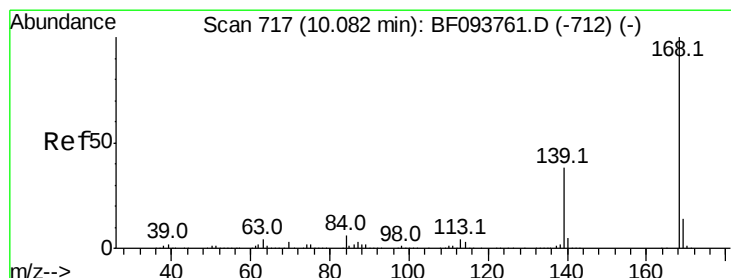
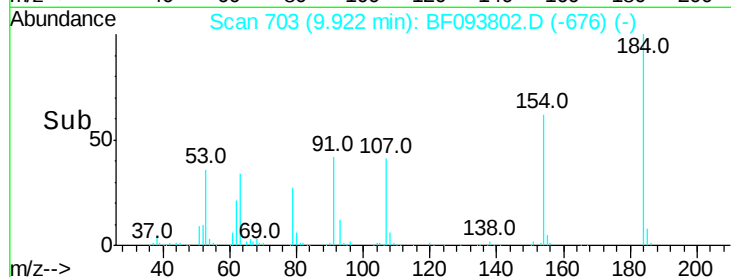
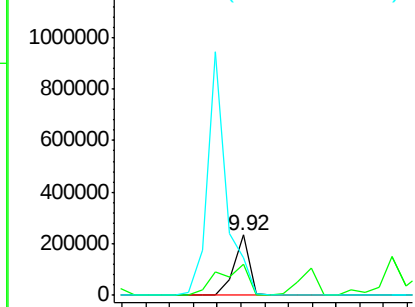
#53
2,4-Dinitrophenol
Concen: 94.43 ng
RT: 9.92 min Scan# 703
Delta R.T. 0.01 min
Lab File: BF093802.D
Acq: 21 Mar 2017 17:04

Instrument :
BNA_F
ClientSampleId :
SGS47-9-11MSD

Tot Ion:184 Resp: 210252
Ion Ratio Lower Upper
184 100
63 51.4 62.7 94.1#
154 62.6 81.1 121.7#

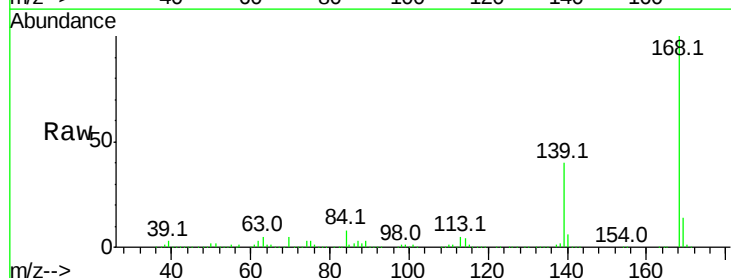


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

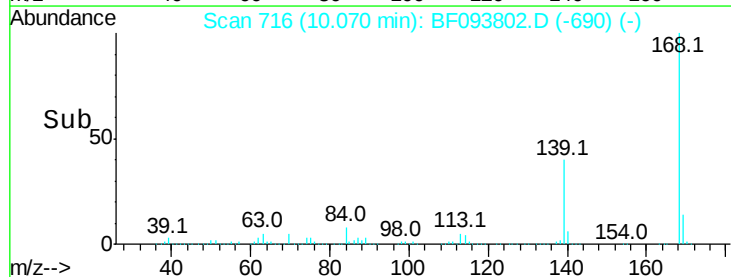
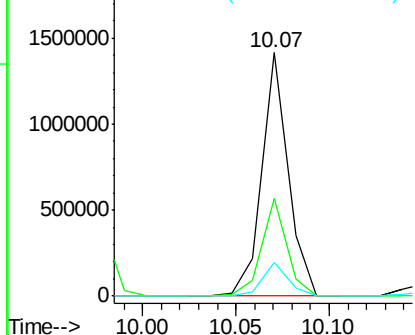


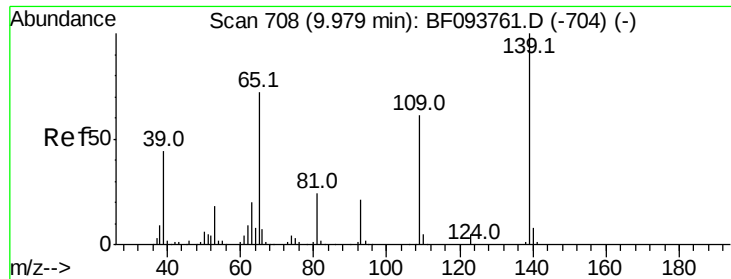
#54
Dibenzofuran
Concen: 46.42 ng
RT: 10.07 min Scan# 716
Delta R.T. -0.00 min
Lab File: BF093802.D
Acq: 21 Mar 2017 17:04

Tgt Ion:168 Resp: 1373717
Ion Ratio Lower Upper
168 100
139 40.0 30.6 45.8
169 14.1 10.8 16.2



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

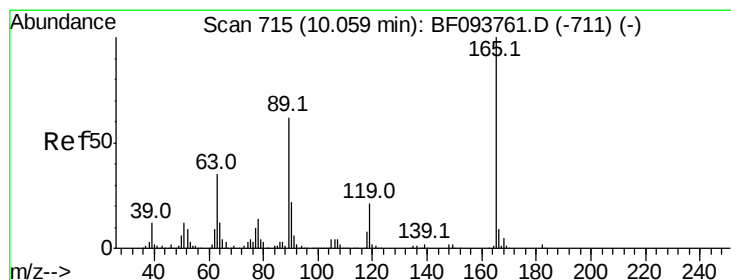
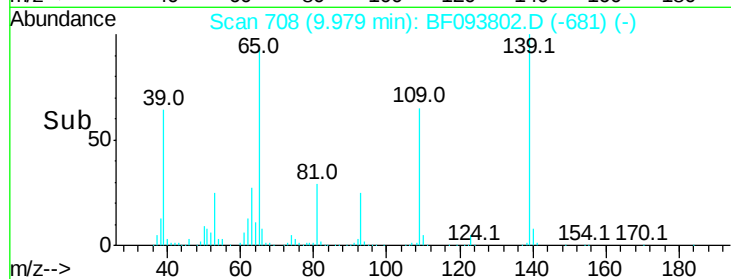
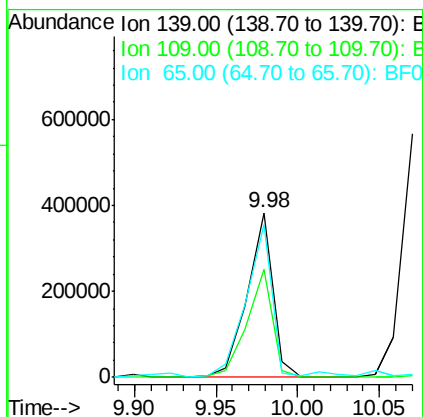
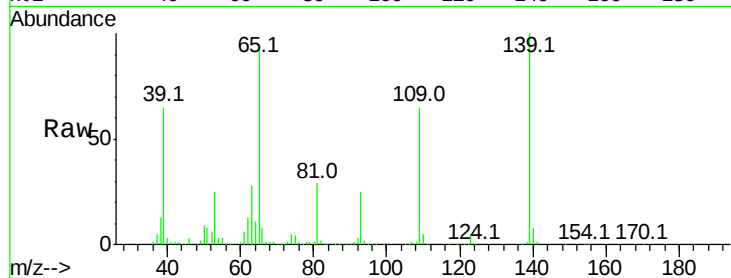




#55
4-Nitrophenol
Concen: 82.35 ng
RT: 9.98 min Scan# 708
Delta R.T. 0.01 min
Lab File: BF093802.D
Acq: 21 Mar 2017 17:04

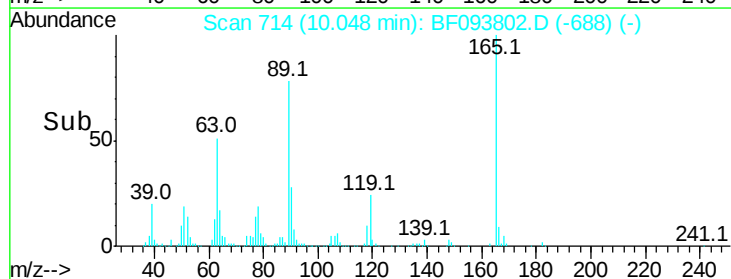
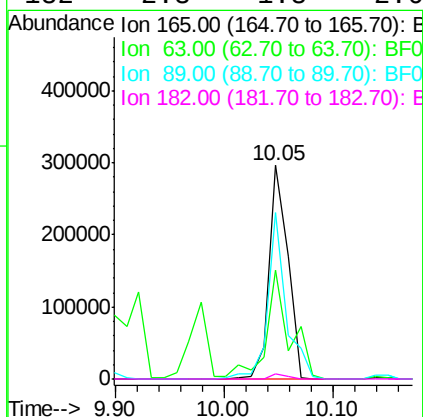
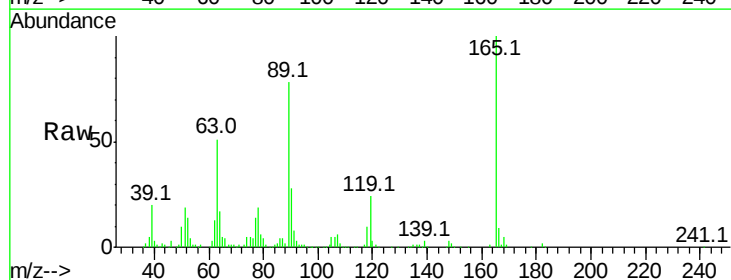
Instrument :
BNA_F
ClientSampleId :
SGS47-9-11MSD

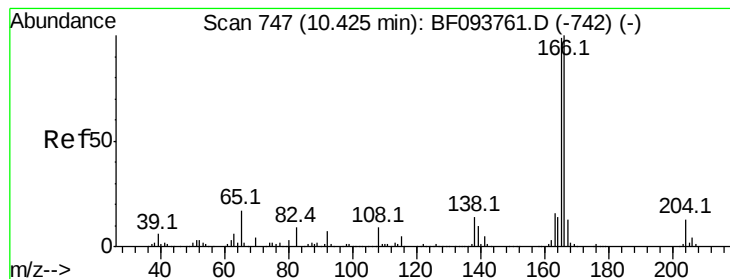
Tot Ion:139 Resp: 421195
Ion Ratio Lower Upper
139 100
109 65.3 34.1 74.1
65 93.0 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 49.46 ng
RT: 10.05 min Scan# 714
Delta R.T. -0.00 min
Lab File: BF093802.D
Acq: 21 Mar 2017 17:04

Tgt Ion:165 Resp: 356134
Ion Ratio Lower Upper
165 100
63 51.0 25.4 38.0#
89 78.0 46.4 69.6#
182 2.3 1.8 2.6





#57

Fluorene

Concen: 43.14 ng

RT: 10.41 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF093802.D

Acq: 21 Mar 2017 17:04

Instrument :

BNA_F

ClientSampleId :

SGS47-9-11MSD

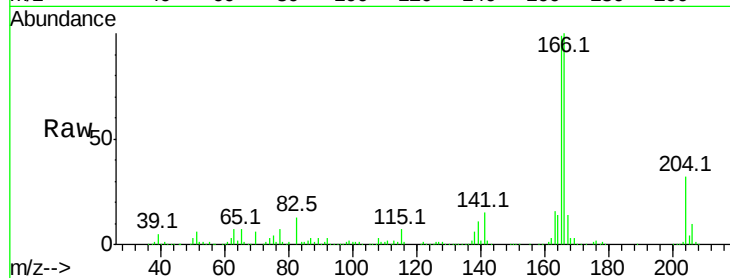
Tot Ion:166 Resp: 977635

Ion Ratio Lower Upper

166 100

165 99.3 78.8 118.2

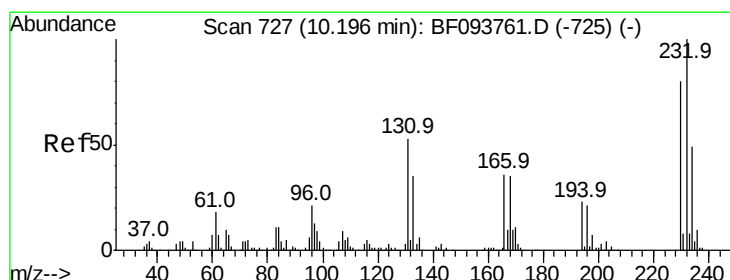
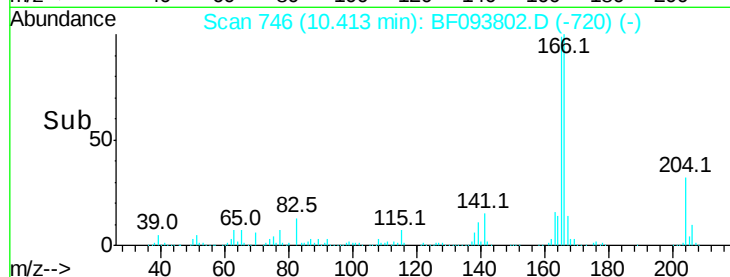
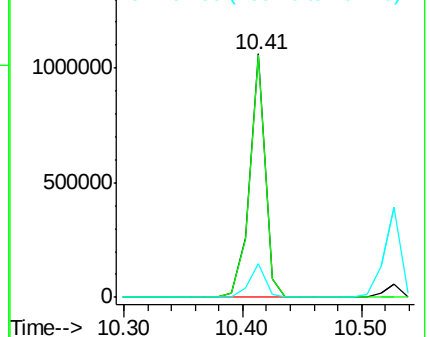
167 13.7 10.6 16.0



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: 51.84 ng

RT: 10.18 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF093802.D

Acq: 21 Mar 2017 17:04

Tgt Ion:232 Resp: 258067

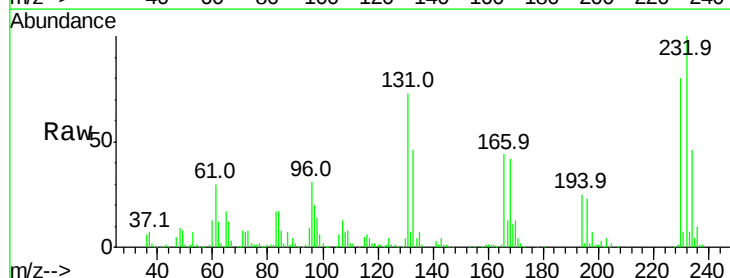
Ion Ratio Lower Upper

232 100

131 53.6 44.8 67.2

130 2.6 2.3 3.5

166 35.5 29.0 43.4

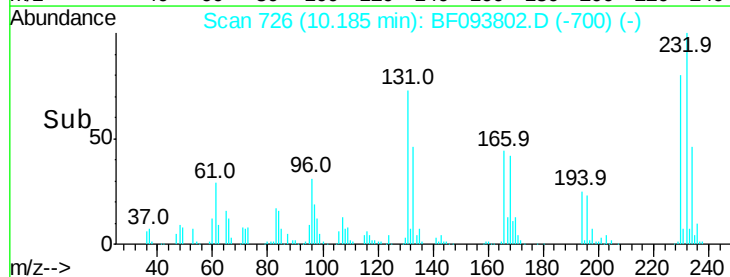
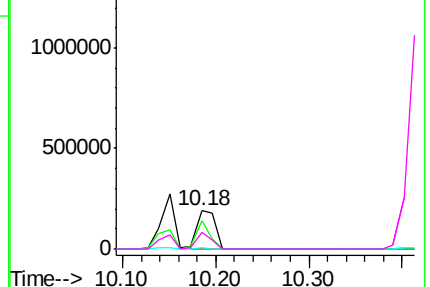


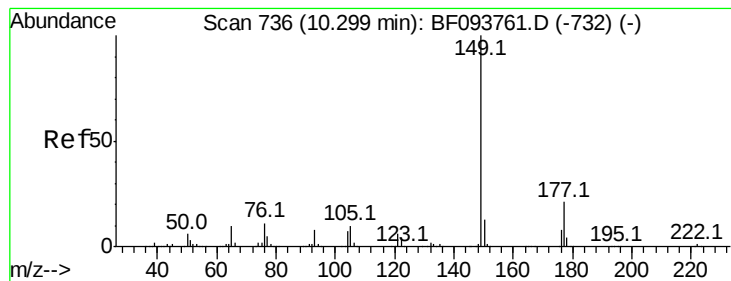
Abundance Ion 232.00 (231.70 to 232.70): E

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: 49.29 ng

RT: 10.30 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF093802.D

Acq: 21 Mar 2017 17:04

Instrument :

BNA_F

ClientSampleId :

SGS47-9-11MSD

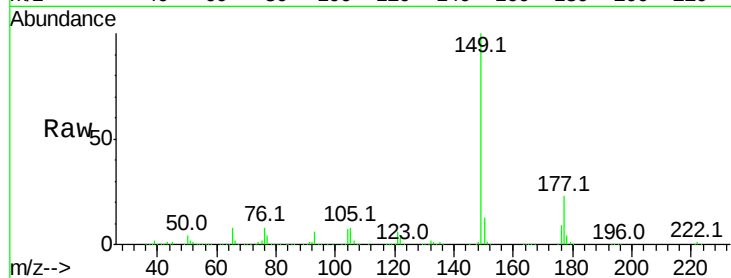
Tot Ion:149 Resp: 1241095

Ion Ratio Lower Upper

149 100

177 22.5 16.7 25.1

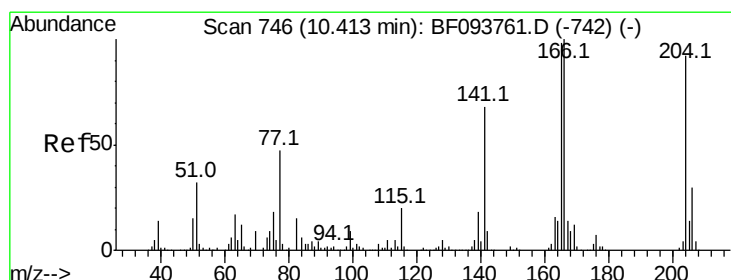
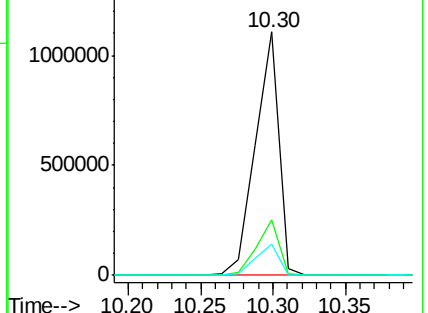
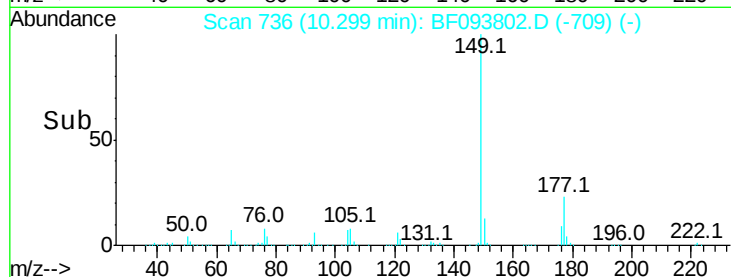
150 12.6 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 47.62 ng

RT: 10.41 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF093802.D

Acq: 21 Mar 2017 17:04

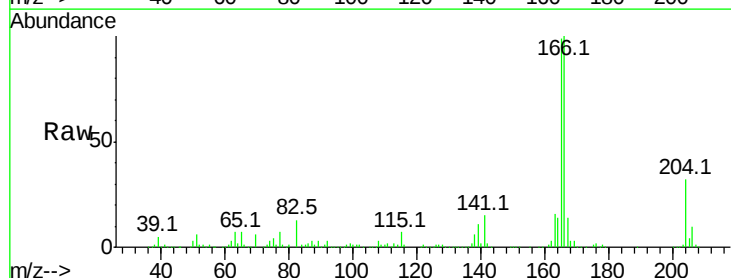
Tgt Ion:204 Resp: 454850

Ion Ratio Lower Upper

204 100

206 32.6 26.2 39.2

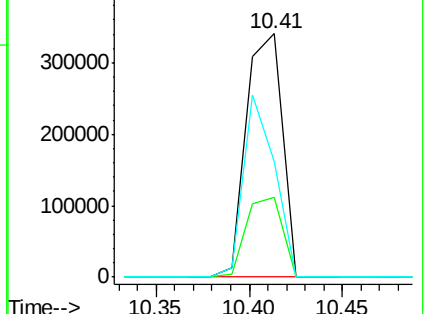
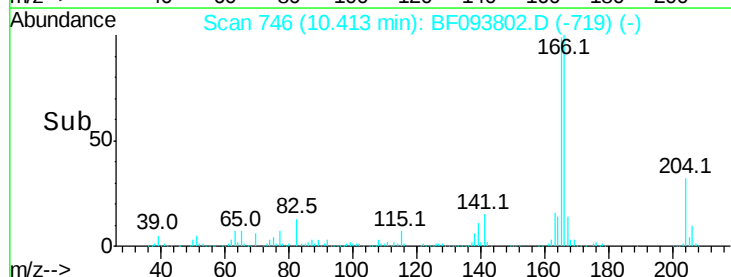
141 47.4 60.8 91.2#

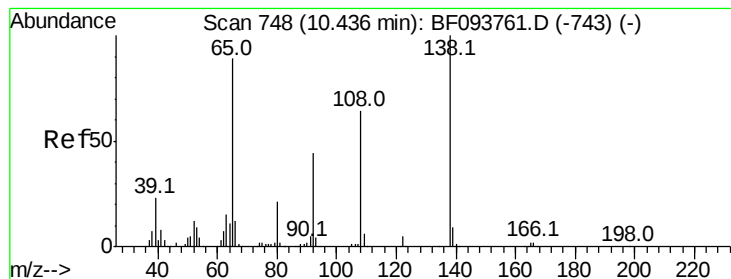


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 43.62 ng

RT: 10.42 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF093802.D

Acq: 21 Mar 2017 17:04

Instrument :

BNA_F

ClientSampleId :

SGS47-9-11MSD

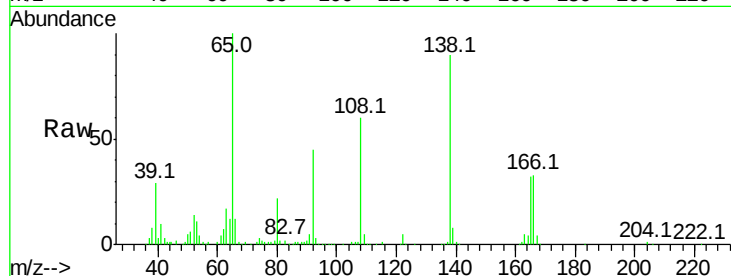
Tot Ion:138 Resp: 265673

Ion Ratio Lower Upper

138 100

92 49.9 21.8 61.8

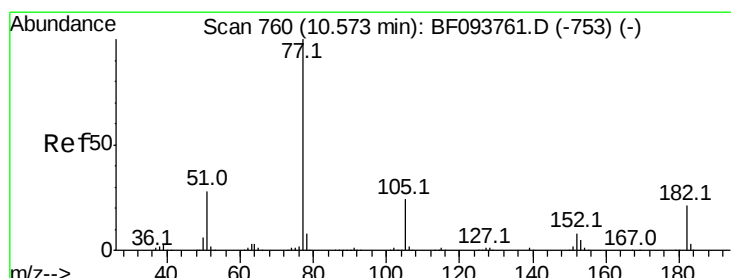
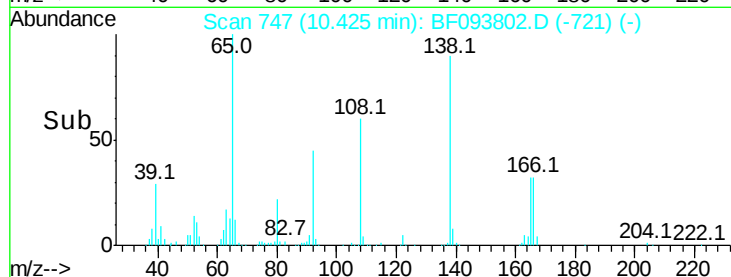
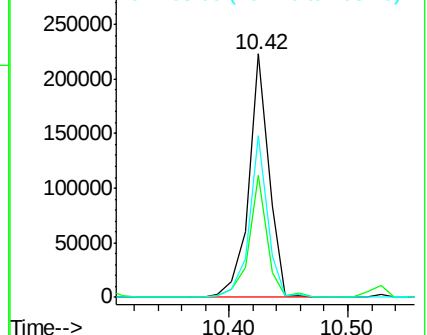
108 66.6 42.3 82.3



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: 50.91 ng

RT: 10.56 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF093802.D

Acq: 21 Mar 2017 17:04

Tgt Ion: 77 Resp: 1268068

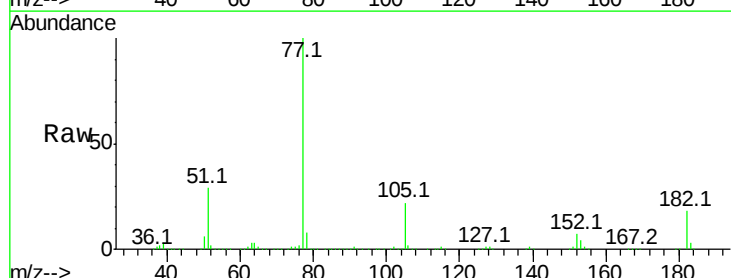
Ion Ratio Lower Upper

77 100

182 18.0 0.1 40.1

105 22.5 3.6 43.6

51 29.5 9.4 49.4

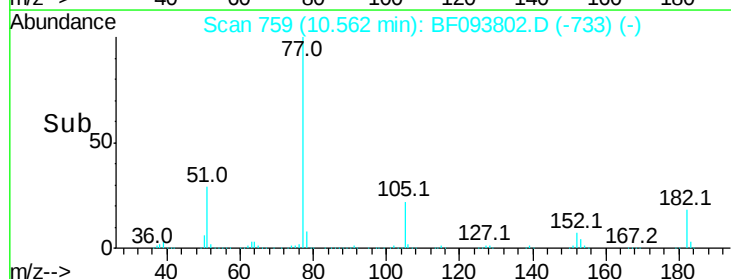
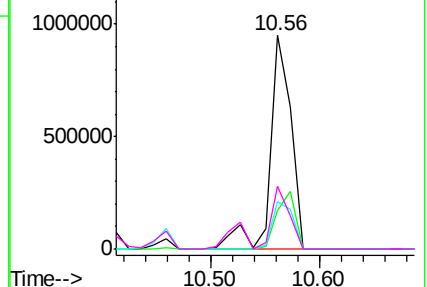


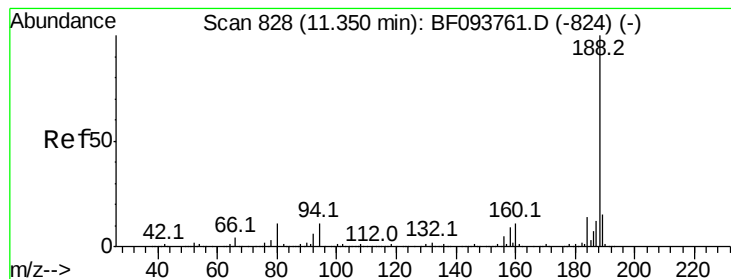
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.34 min Scan# 827

Delta R.T. -0.00 min

Lab File: BF093802.D

Acq: 21 Mar 2017 17:04

Instrument :

BNA_F

ClientSampleId :

SGS47-9-11MSD

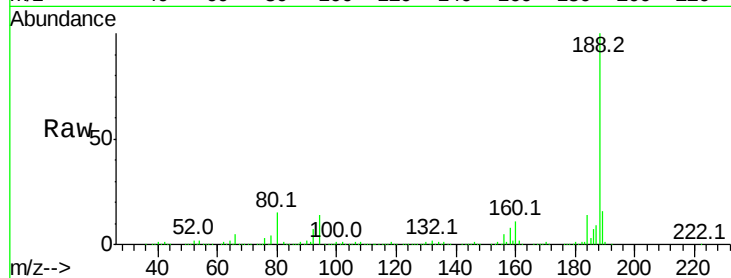
Tot Ion:188 Resp: 621132

Ion Ratio Lower Upper

188 100

94 13.5 9.4 14.2

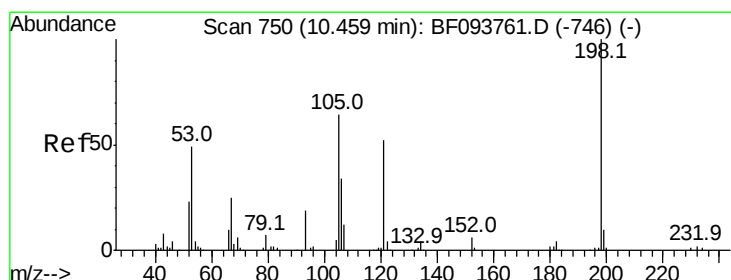
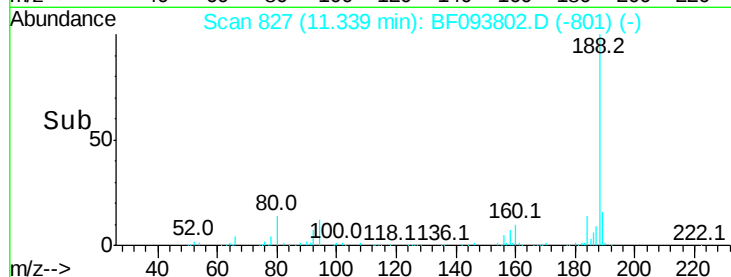
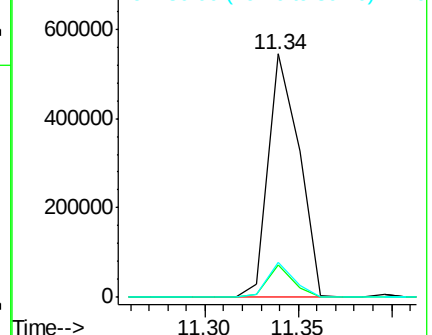
80 14.5 10.2 15.2



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: 47.01 ng

RT: 10.46 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF093802.D

Acq: 21 Mar 2017 17:04

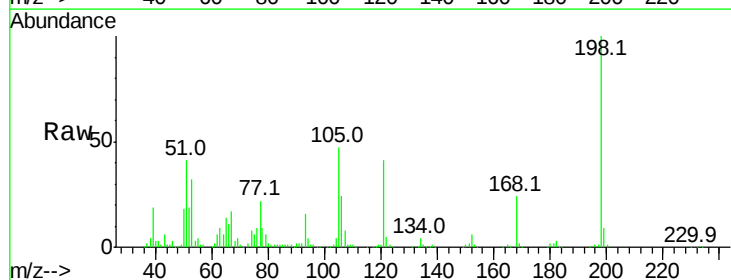
Tgt Ion:198 Resp: 169177

Ion Ratio Lower Upper

198 100

51 41.3 53.2 93.2#

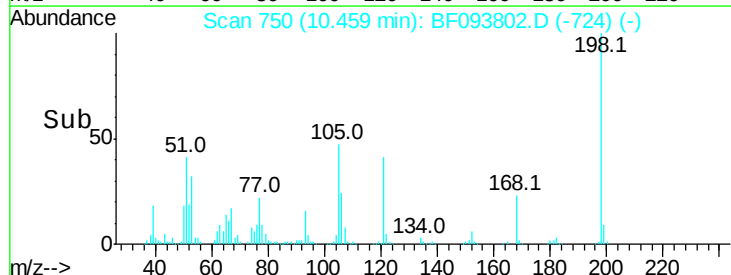
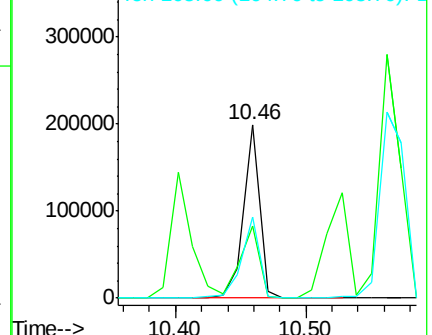
105 46.8 45.8 85.8

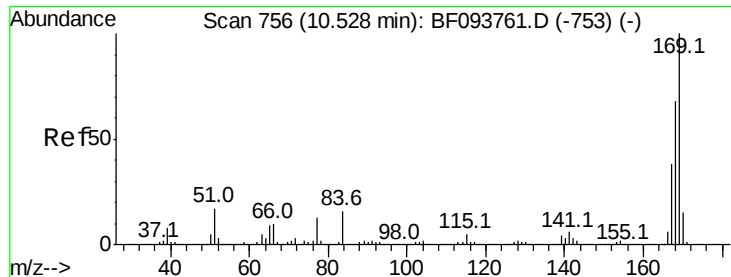


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

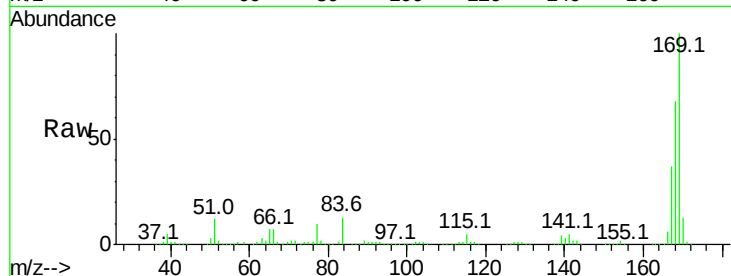




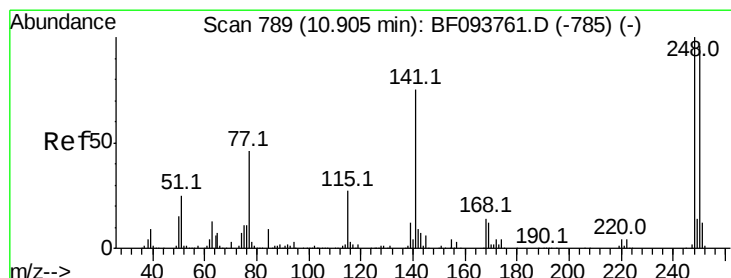
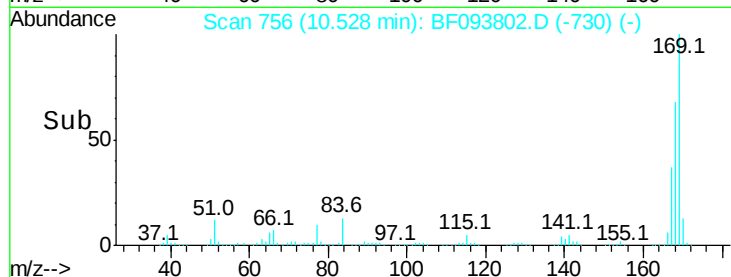
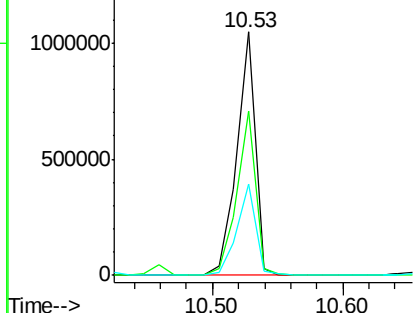
#65
 n-Nitrosodiphenylamine
 Concen: 49.46 ng
 RT: 10.53 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BF093802.D
 Acq: 21 Mar 2017 17:04

Instrument :
 BNA_F
 ClientSampleId :
 SGS47-9-11MSD

Tot Ion:169 Resp: 1024110
 Ion Ratio Lower Upper
 169 100
 168 67.5 53.2 79.8
 167 37.3 29.5 44.3

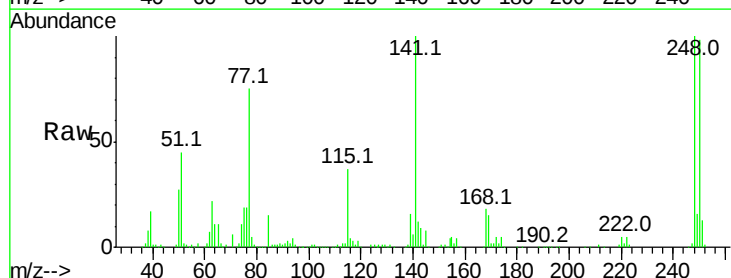


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

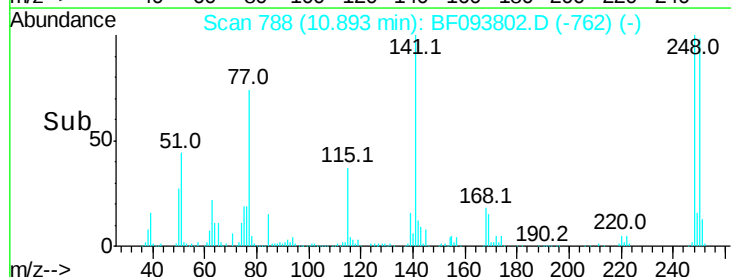
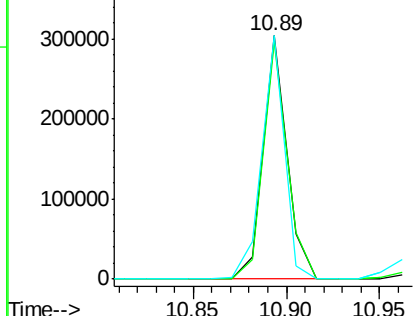


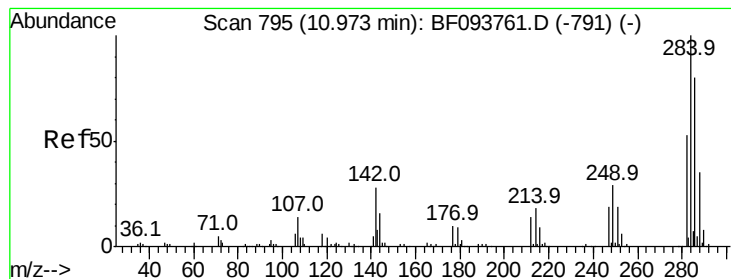
#66
 4-Bromophenyl-phenylether
 Concen: 44.65 ng
 RT: 10.89 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF093802.D
 Acq: 21 Mar 2017 17:04

Tgt Ion:248 Resp: 266970
 Ion Ratio Lower Upper
 248 100
 250 97.6 76.8 115.2
 141 99.8 68.6 103.0



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: 45.55 ng

RT: 10.96 min Scan# 794

Delta R.T. -0.00 min

Lab File: BF093802.D

Acq: 21 Mar 2017 17:04

Instrument :

BNA_F

ClientSampleId :

SGS47-9-11MSD

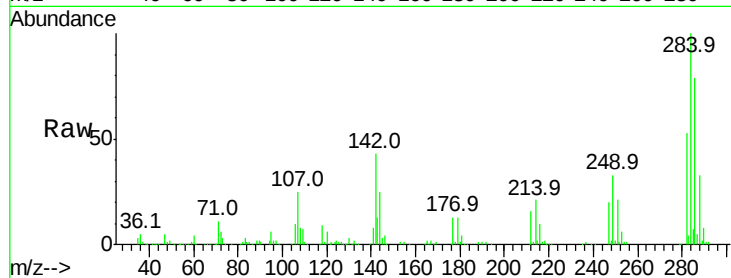
Tot Ion:284 Resp: 280833

Ion Ratio Lower Upper

284 100

142 43.1 22.8 34.2#

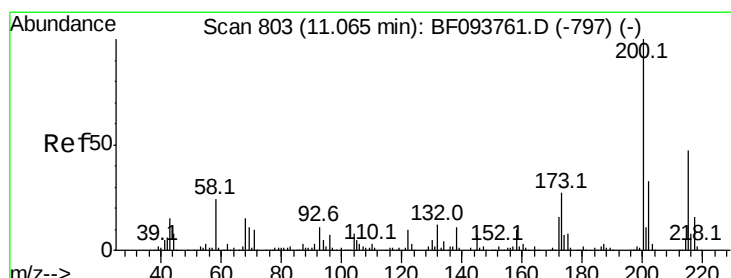
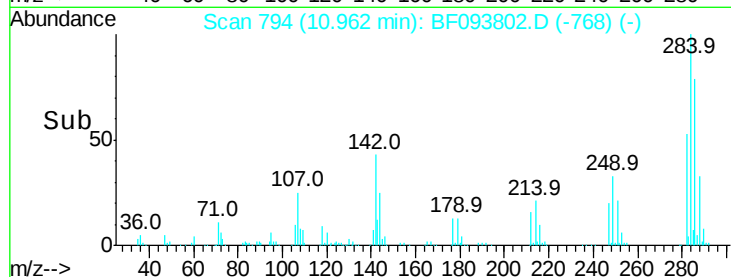
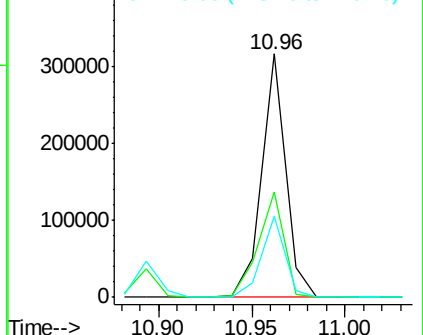
249 33.2 24.0 36.0



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: 44.13 ng

RT: 11.05 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF093802.D

Acq: 21 Mar 2017 17:04

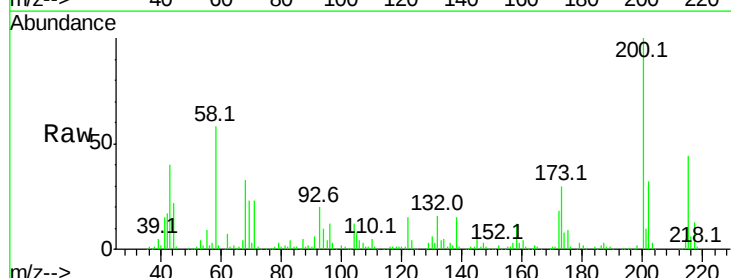
Tgt Ion:200 Resp: 280511

Ion Ratio Lower Upper

200 100

173 29.7 6.3 46.3

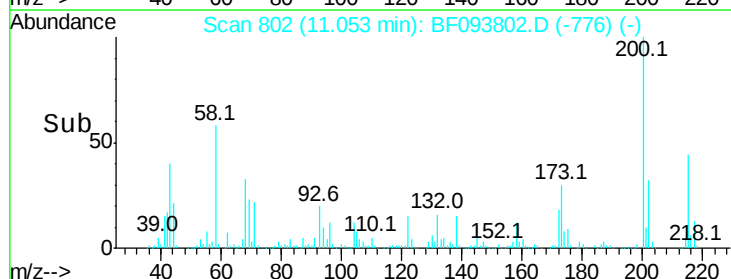
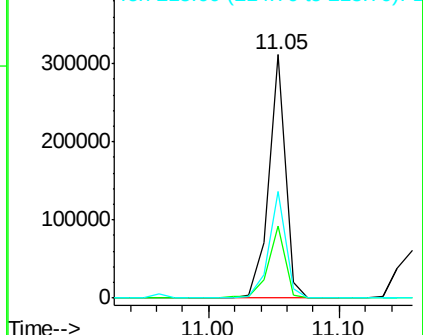
215 43.8 27.2 67.2

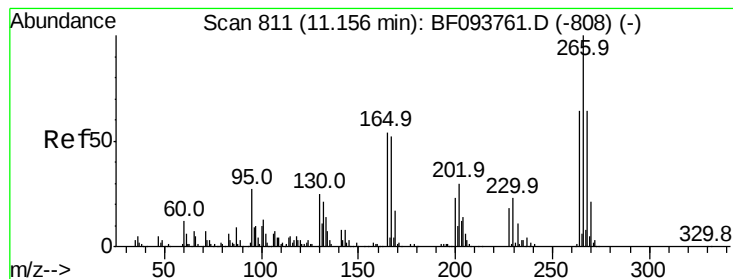


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 94.09 ng

RT: 11.16 min Scan# 811

Delta R.T. 0.01 min

Lab File: BF093802.D

Acq: 21 Mar 2017 17:04

Instrument :

BNA_F

ClientSampleId :

SGS47-9-11MSD

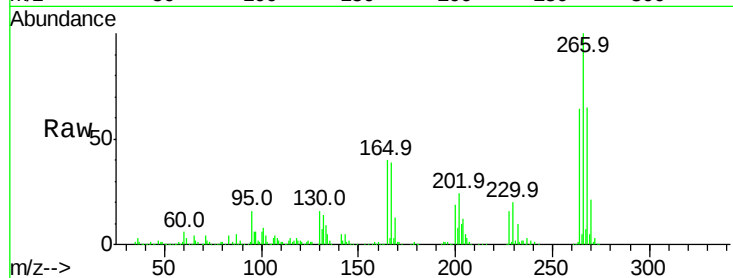
Tot Ion:266 Resp: 339239

Ion Ratio Lower Upper

266 100

268 65.2 51.1 76.7

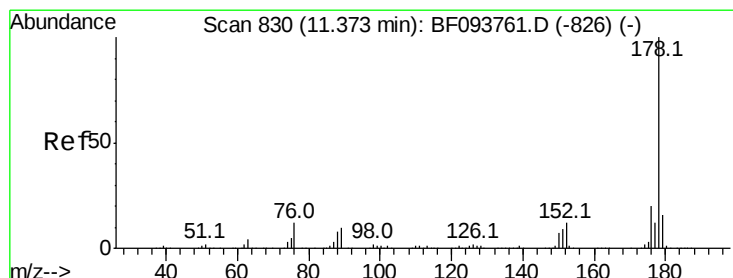
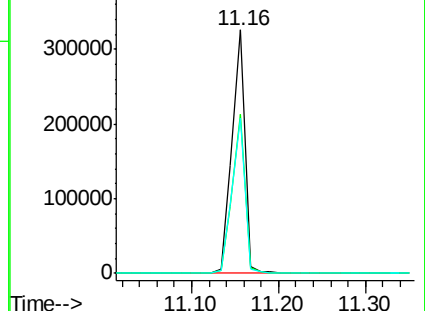
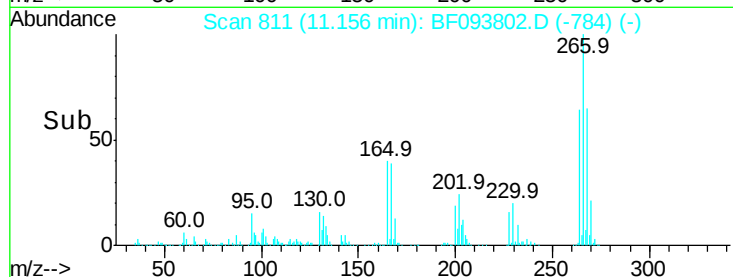
264 63.9 51.7 77.5



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: 48.30 ng

RT: 11.37 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF093802.D

Acq: 21 Mar 2017 17:04

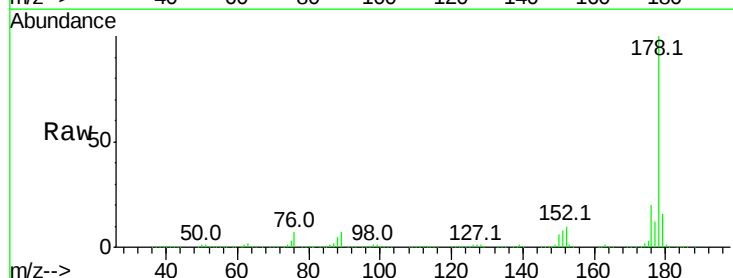
Tgt Ion:178 Resp: 1597818

Ion Ratio Lower Upper

178 100

176 20.0 16.2 24.4

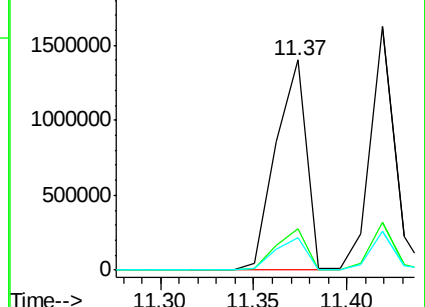
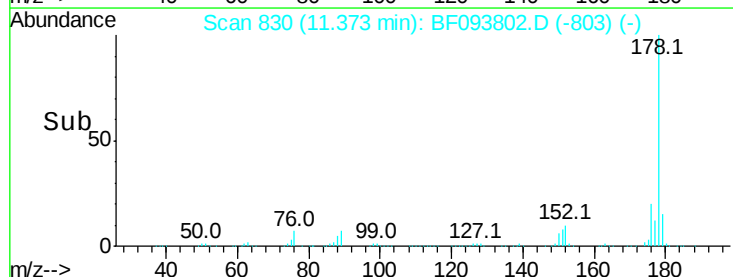
179 15.5 12.6 19.0

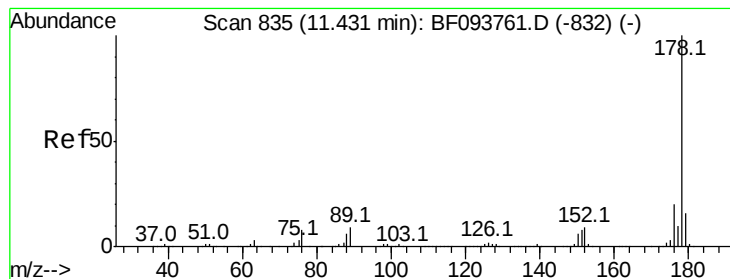


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 42.38 ng

RT: 11.42 min Scan# 834

Delta R.T. -0.00 min

Lab File: BF093802.D

Acq: 21 Mar 2017 17:04

Instrument :

BNA_F

ClientSampleId :

SGS47-9-11MSD

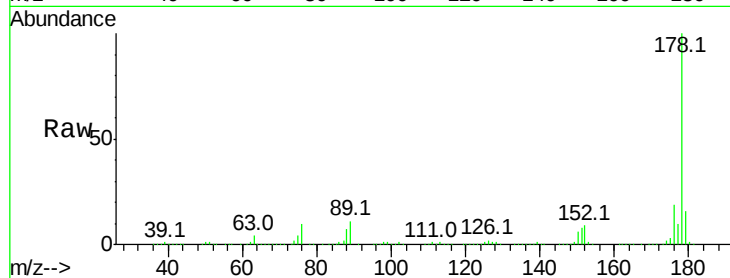
Tot Ion:178 Resp: 1443215

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

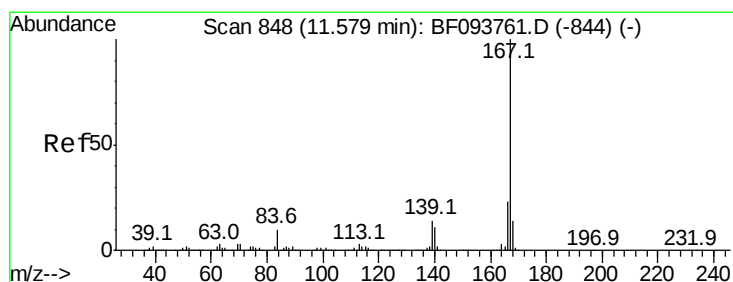
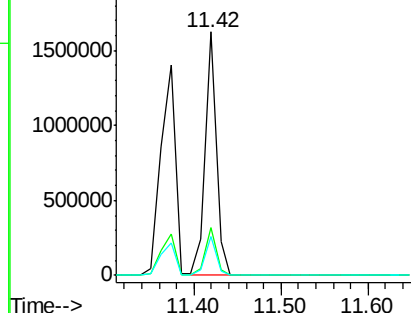
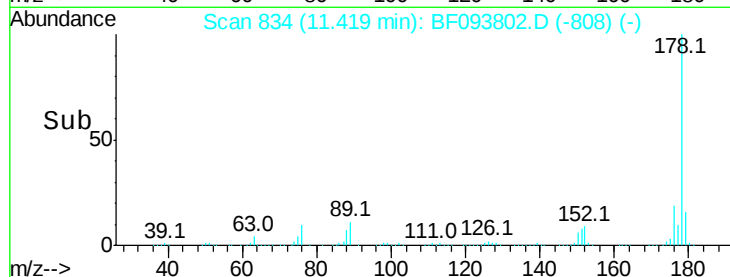
179 16.1 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 41.74 ng

RT: 11.57 min Scan# 847

Delta R.T. -0.00 min

Lab File: BF093802.D

Acq: 21 Mar 2017 17:04

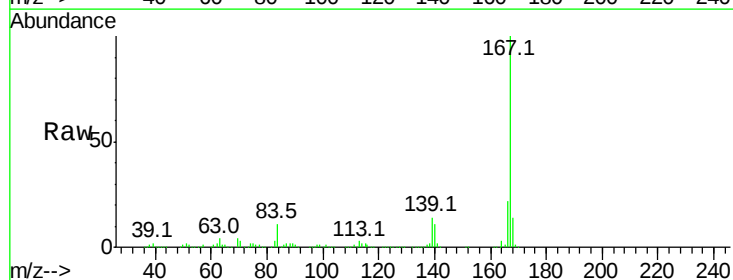
Tgt Ion:167 Resp: 1407336

Ion Ratio Lower Upper

167 100

166 22.0 18.1 27.1

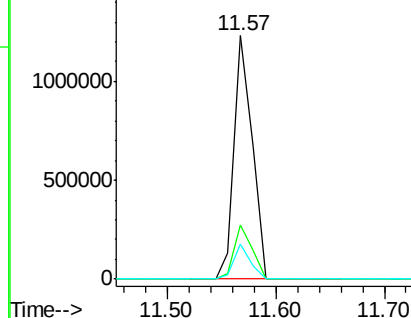
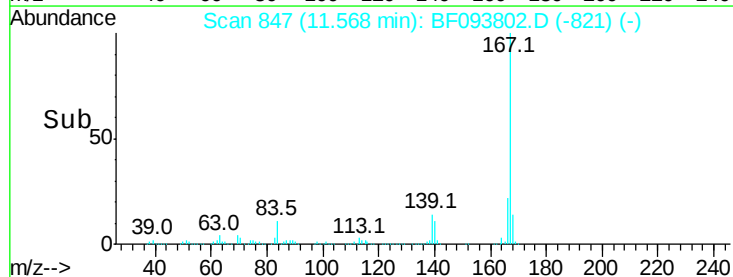
139 14.2 11.7 17.5

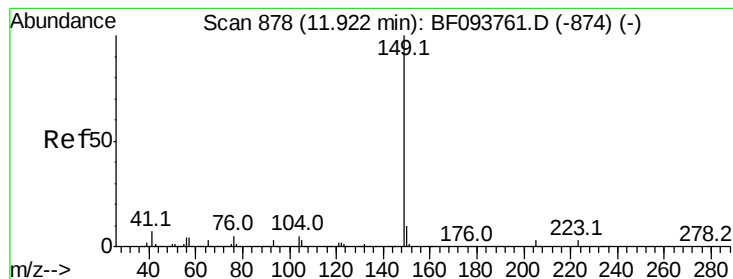


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 47.17 ng

RT: 11.91 min Scan# 877

Delta R.T. -0.00 min

Lab File: BF093802.D

Acq: 21 Mar 2017 17:04

Instrument :

BNA_F

ClientSampleId :

SGS47-9-11MSD

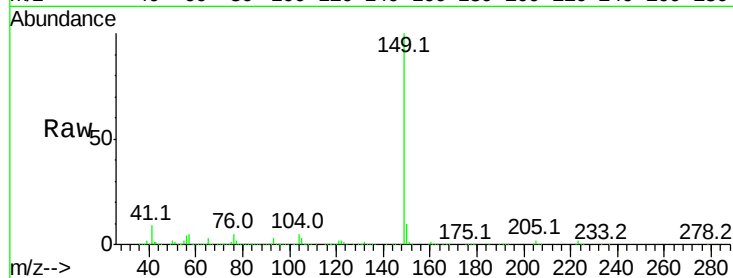
Tot Ion:149 Resp: 1712052

Ion Ratio Lower Upper

149 100

150 9.7 7.7 11.5

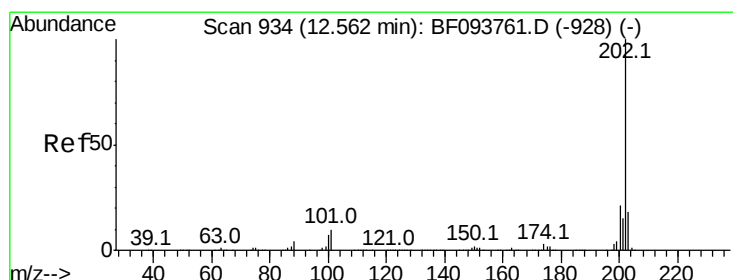
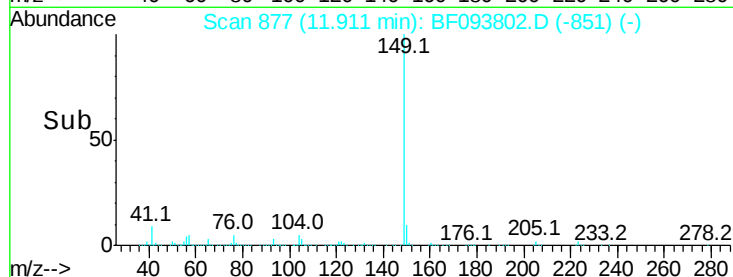
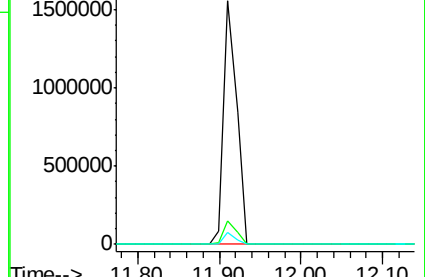
104 5.1 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.72 ng

RT: 12.55 min Scan# 933

Delta R.T. -0.00 min

Lab File: BF093802.D

Acq: 21 Mar 2017 17:04

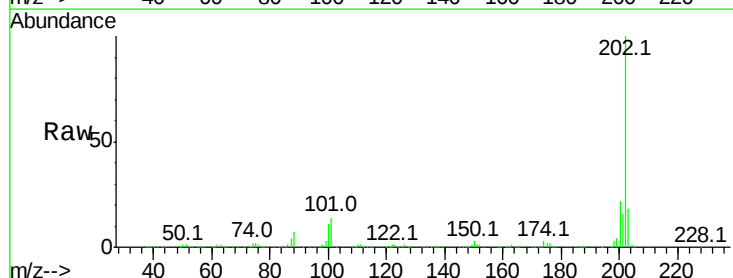
Tgt Ion:202 Resp: 1418549

Ion Ratio Lower Upper

202 100

101 14.4 0.0 33.2

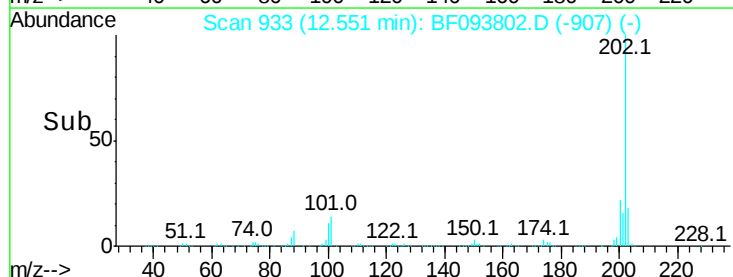
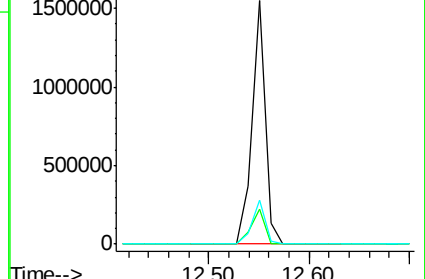
203 17.9 0.0 38.1

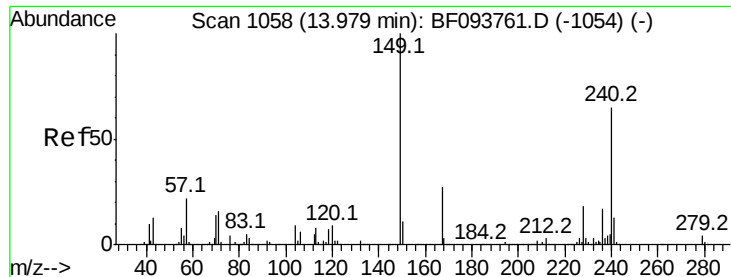


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BF093802.D

Acq: 21 Mar 2017 17:04

Instrument :

BNA_F

ClientSampleId :

SGS47-9-11MSD

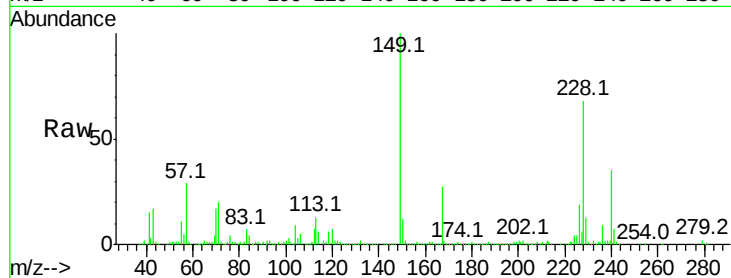
Tot Ion:240 Resp: 330581

Ion Ratio Lower Upper

240 100

120 19.3 5.8 8.8#

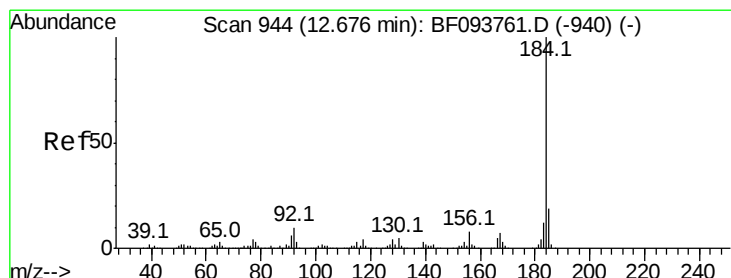
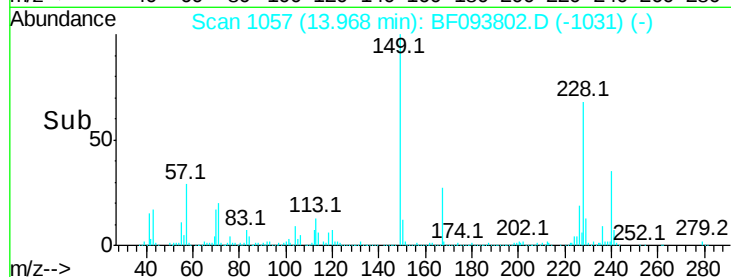
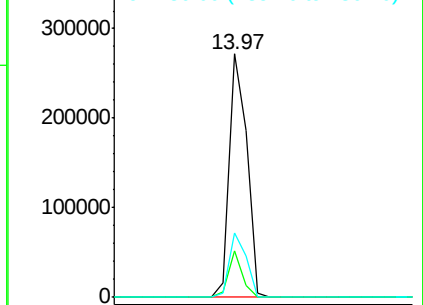
236 26.3 20.5 30.7



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: 12.50 ng

RT: 12.66 min Scan# 943

Delta R.T. -0.00 min

Lab File: BF093802.D

Acq: 21 Mar 2017 17:04

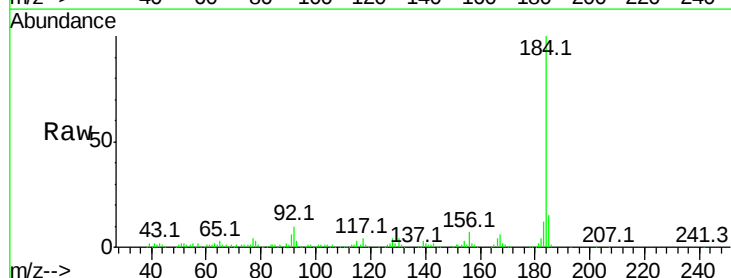
Tgt Ion:184 Resp: 181248

Ion Ratio Lower Upper

184 100

185 15.1 15.5 23.3#

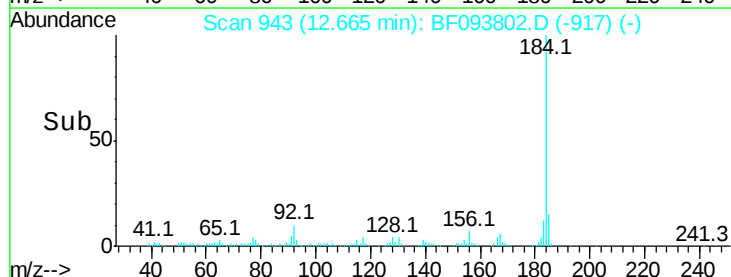
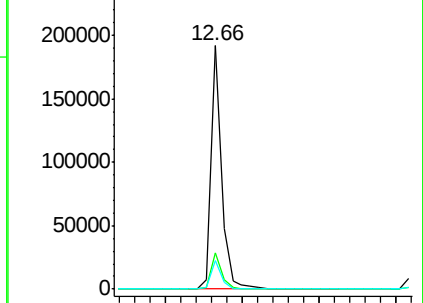
183 11.8 9.8 14.6

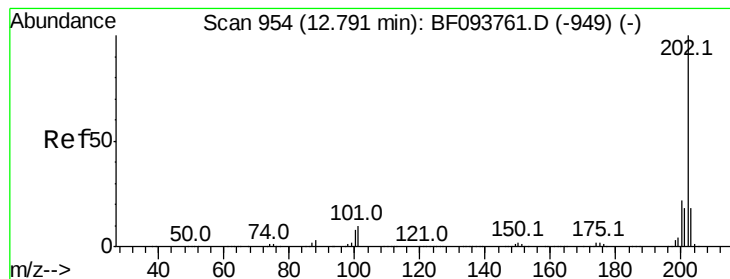


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 55.06 ng

RT: 12.78 min Scan# 953

Delta R.T. -0.00 min

Lab File: BF093802.D

Acq: 21 Mar 2017 17:04

Instrument :

BNA_F

ClientSampleId :

SGS47-9-11MSD

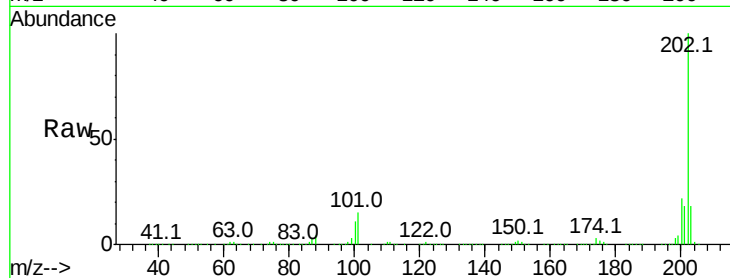
Tot Ion:202 Resp: 1514705

Ion Ratio Lower Upper

202 100

200 21.8 17.6 26.4

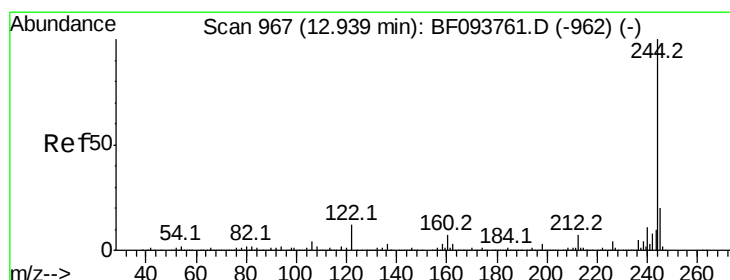
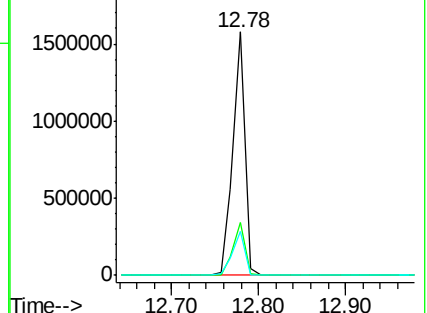
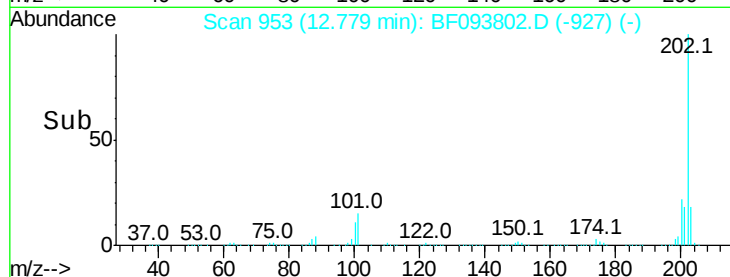
203 17.9 14.4 21.6



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: 84.04 ng

RT: 12.93 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF093802.D

Acq: 21 Mar 2017 17:04

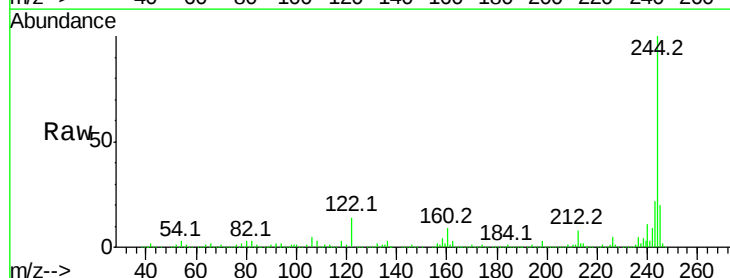
Tgt Ion:244 Resp: 1362700

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

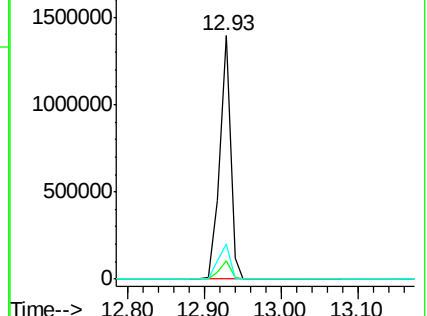
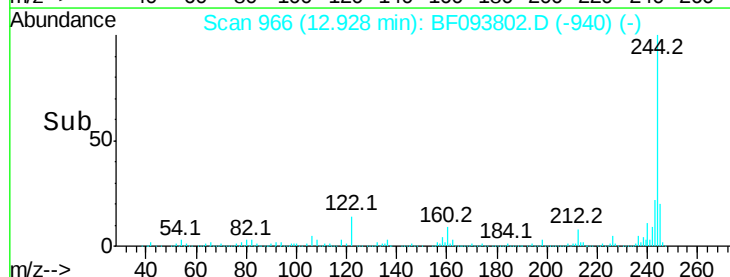
122 14.2 10.3 15.5

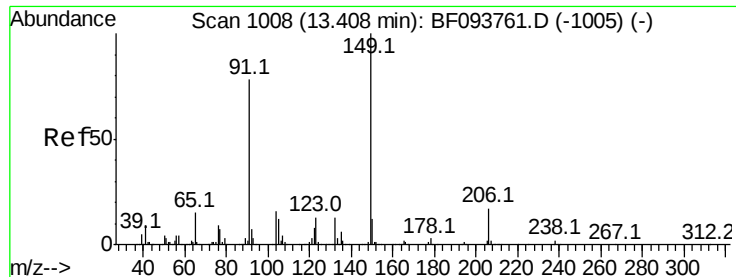


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 57.08 ng

RT: 13.41 min Scan# 1008

Delta R.T. 0.01 min

Lab File: BF093802.D

Acq: 21 Mar 2017 17:04

Instrument :

BNA_F

ClientSampleId :

SGS47-9-11MSD

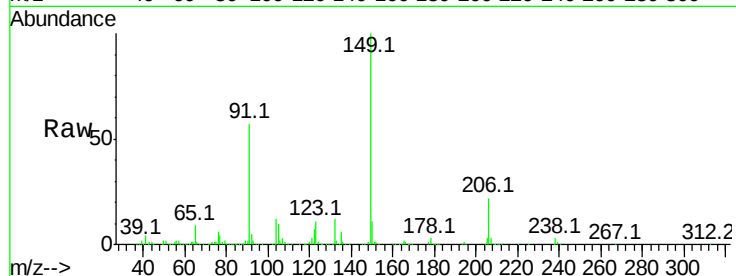
Tot Ion:149 Resp: 701820

Ion Ratio Lower Upper

149 100

91 57.3 45.0 67.4

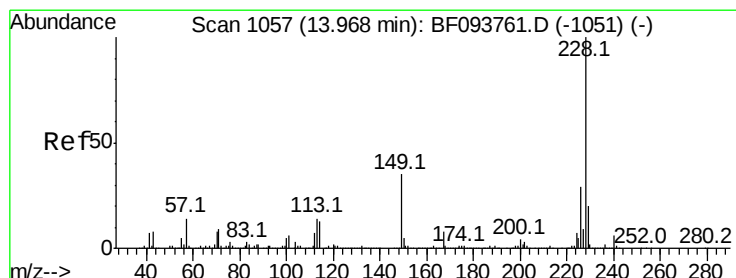
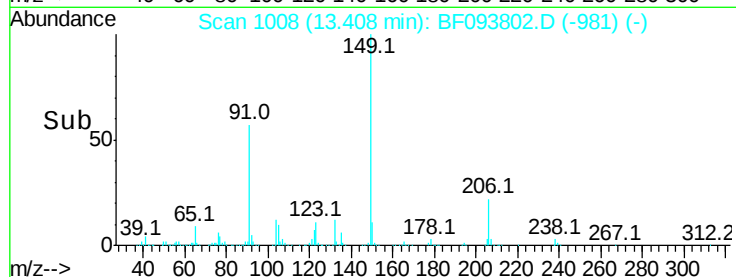
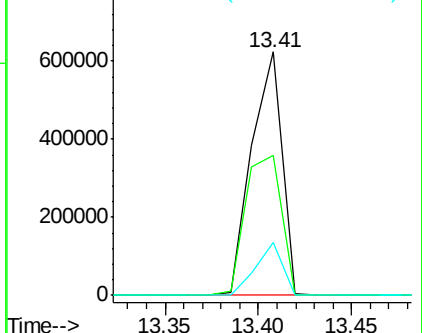
206 21.6 17.0 25.6



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: 47.73 ng

RT: 13.96 min Scan# 1056

Delta R.T. -0.00 min

Lab File: BF093802.D

Acq: 21 Mar 2017 17:04

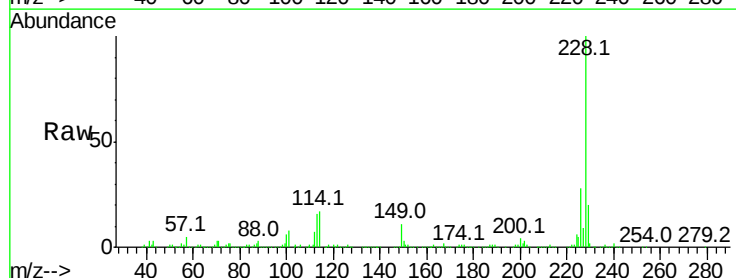
Tgt Ion:228 Resp: 988349

Ion Ratio Lower Upper

228 100

226 28.0 22.6 33.8

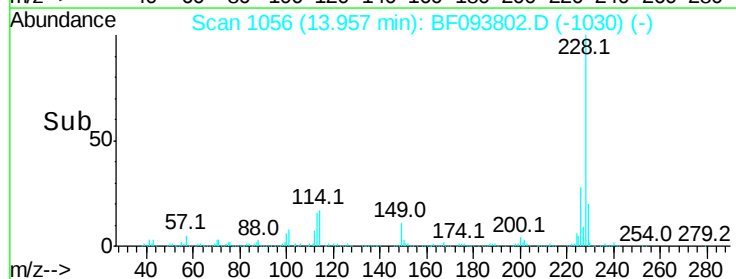
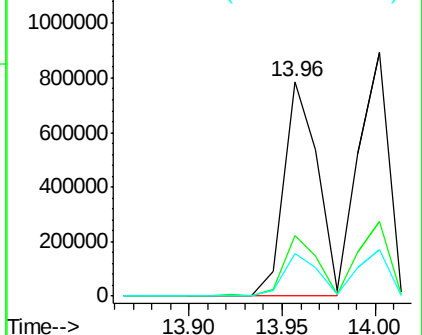
229 20.2 16.3 24.5

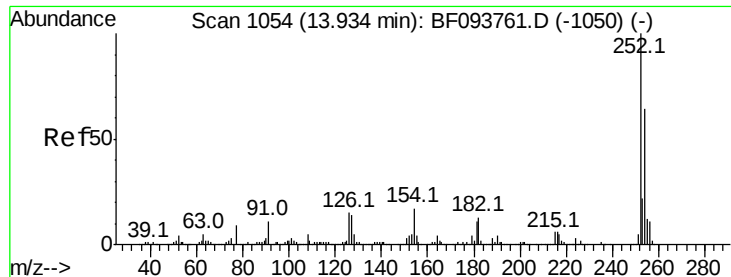


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

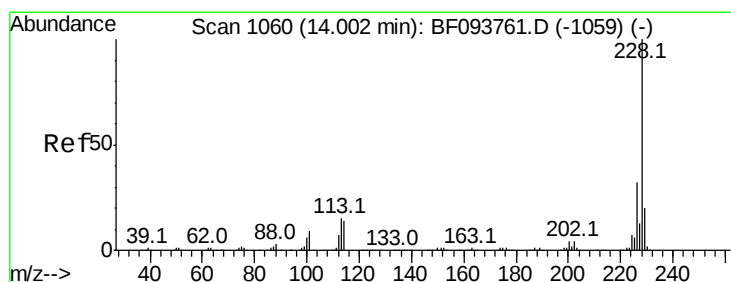
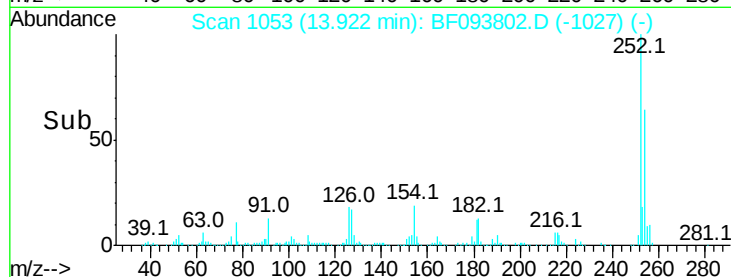
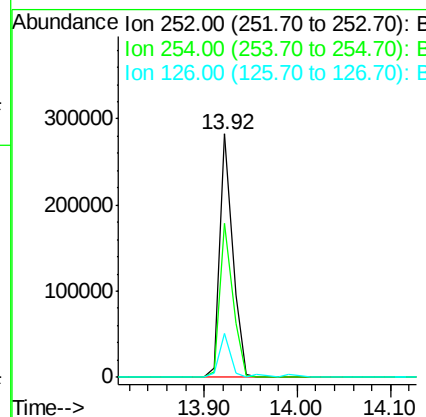
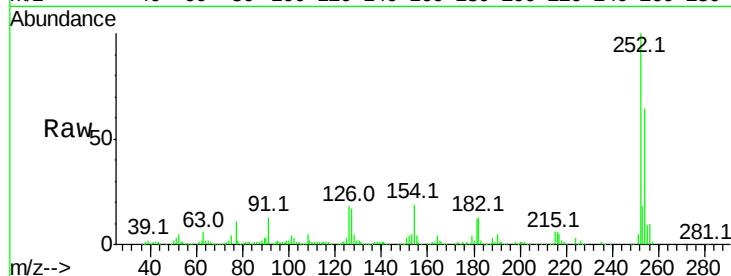




#81
 3,3'-Dichlorobenzidine
 Concen: 34.70 ng
 RT: 13.92 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: BF093802.D
 Acq: 21 Mar 2017 17:04

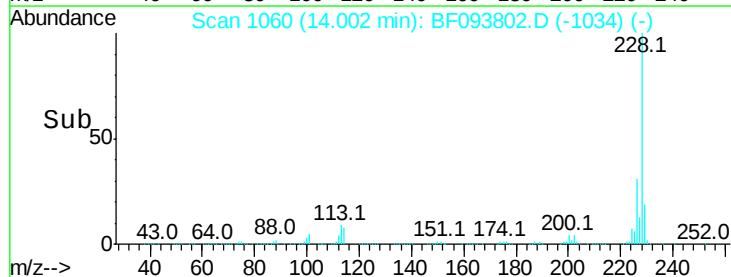
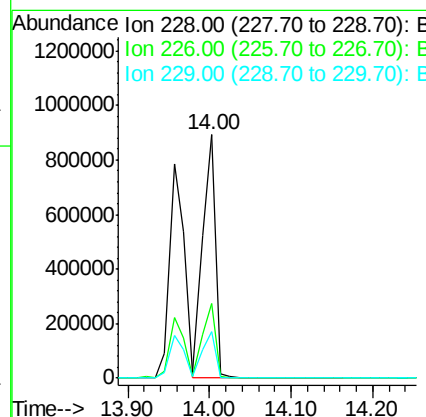
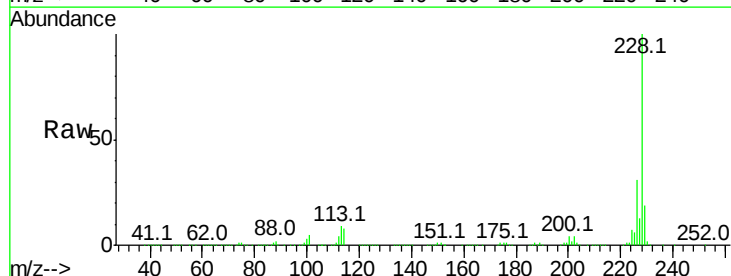
Instrument :
 BNA_F
 ClientSampleId :
 SGS47-9-11MSD

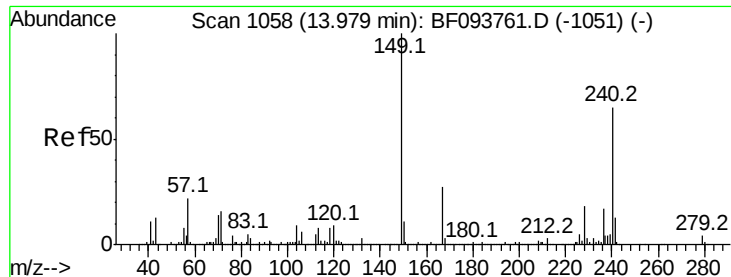
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.5	51.5	77.3
126	18.2	15.8	23.8



#82
 Chrysene
 Concen: 48.05 ng
 RT: 14.00 min Scan# 1060
 Delta R.T. -0.00 min
 Lab File: BF093802.D
 Acq: 21 Mar 2017 17:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	19.3	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.85 ng

RT: 13.97 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BF093802.D

Acq: 21 Mar 2017 17:04

Instrument :

BNA_F

ClientSampleId :

SGS47-9-11MSD

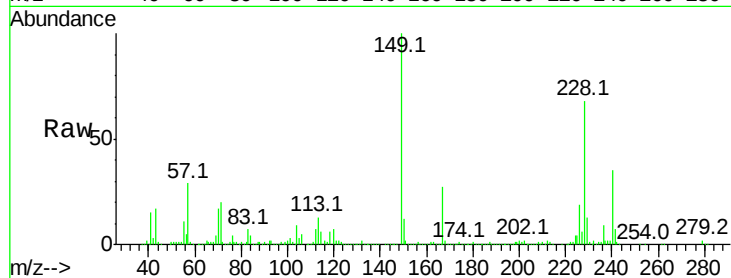
Tot Ion:149 Resp: 738238

Ion Ratio Lower Upper

149 100

167 26.6 21.0 31.4

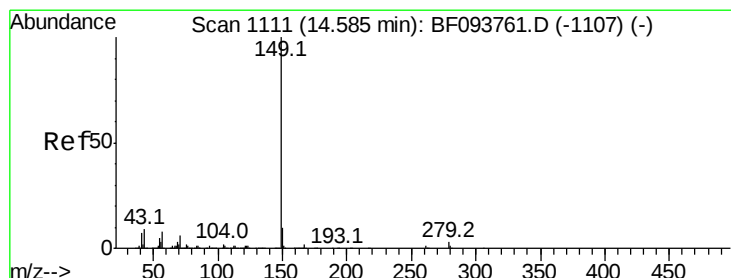
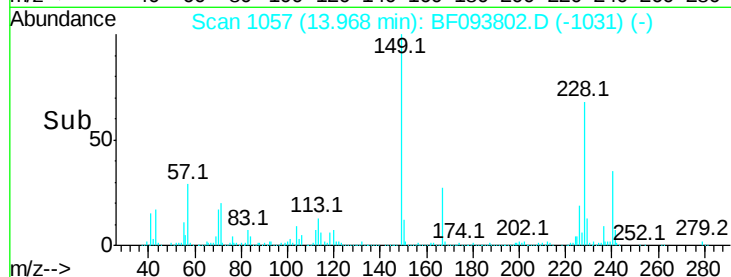
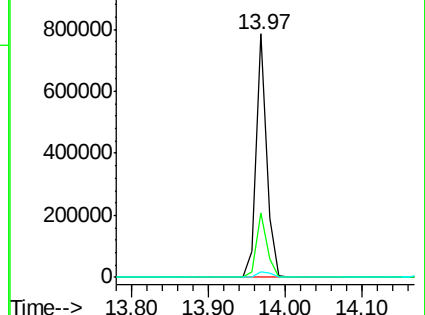
279 2.4 1.9 2.9



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: 46.07 ng

RT: 14.57 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BF093802.D

Acq: 21 Mar 2017 17:04

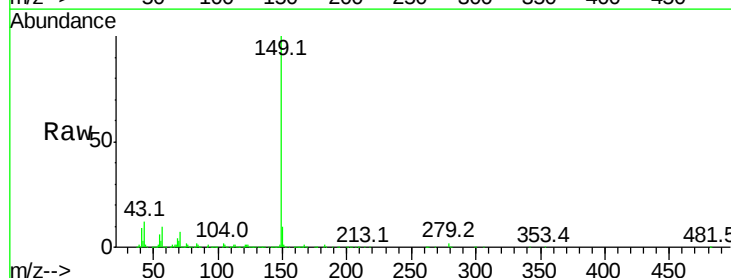
Tgt Ion:149 Resp: 1244903

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

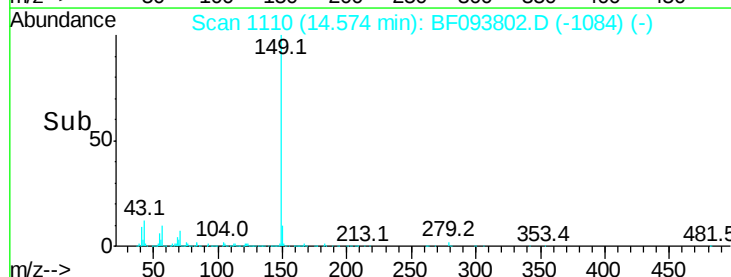
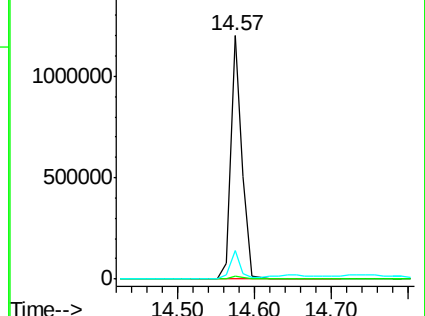
43 11.5 8.5 12.7

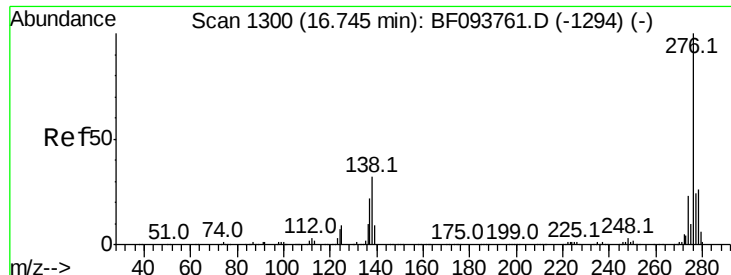


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

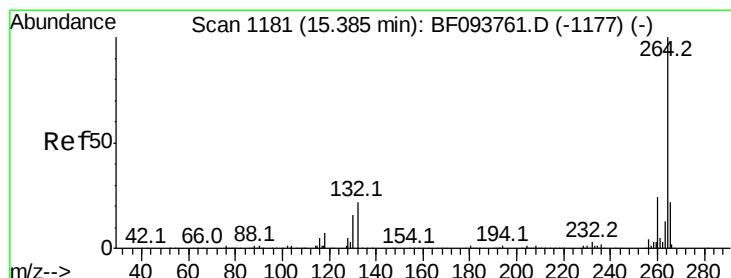
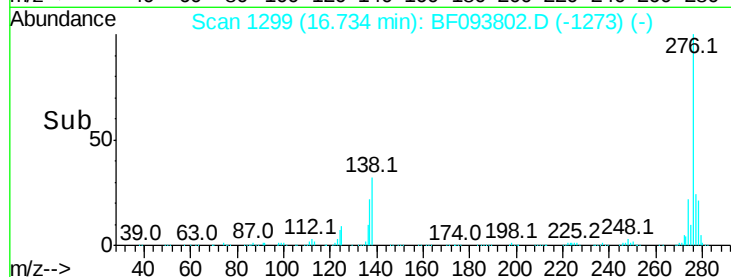
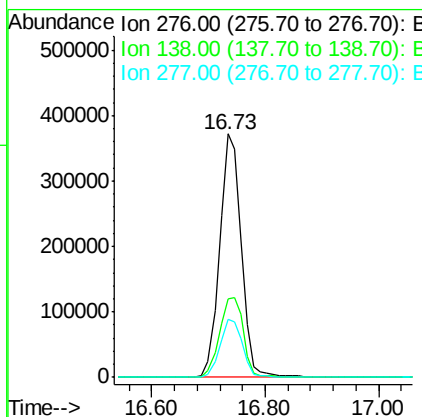
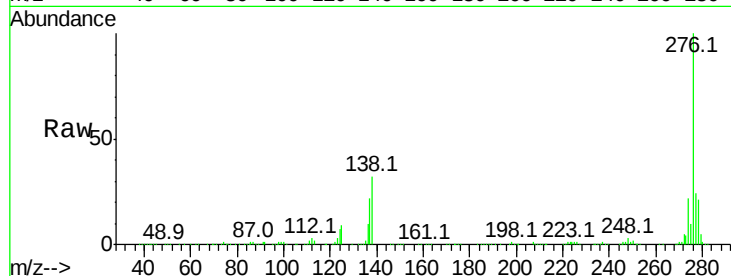




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 58.20 ng
 RT: 16.73 min Scan# 1299
 Delta R.T. -0.00 min
 Lab File: BF093802.D
 Acq: 21 Mar 2017 17:04

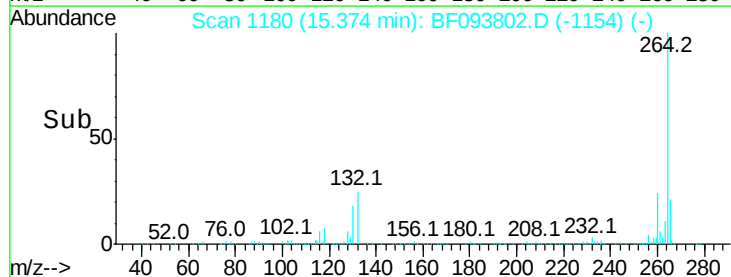
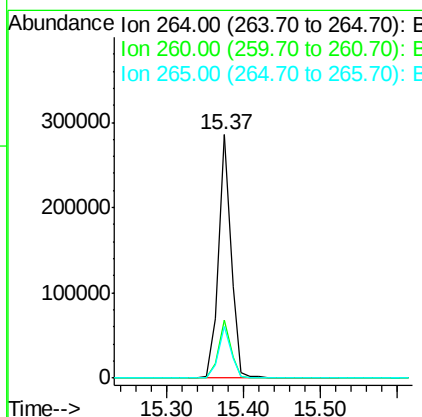
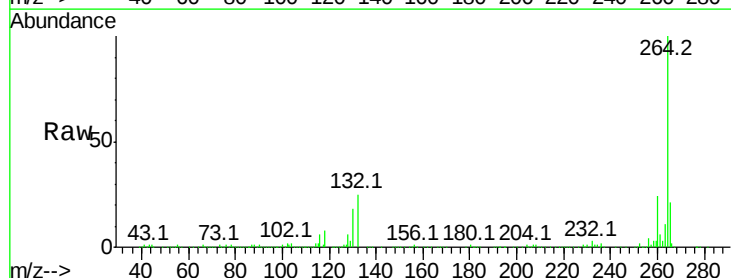
Instrument :
 BNA_F
 ClientSampleId :
 SGS47-9-11MSD

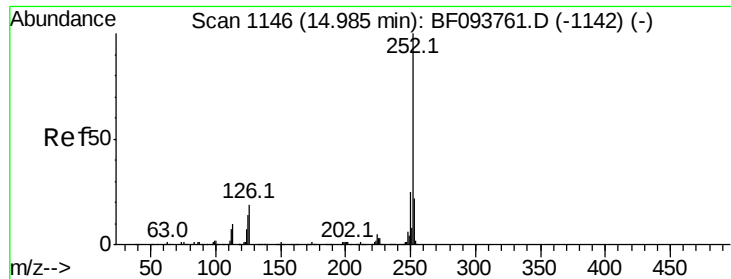
Tot Ion:276 Resp: 985989
 Ion Ratio Lower Upper
 276 100
 138 36.2 27.8 41.6
 277 25.0 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF093802.D
 Acq: 21 Mar 2017 17:04

Tgt Ion:264 Resp: 328505
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 21.2 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 78.23 ng

RT: 15.01 min Scan# 1148

Delta R.T. 0.03 min

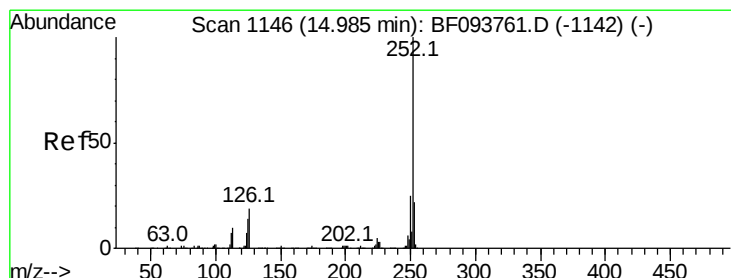
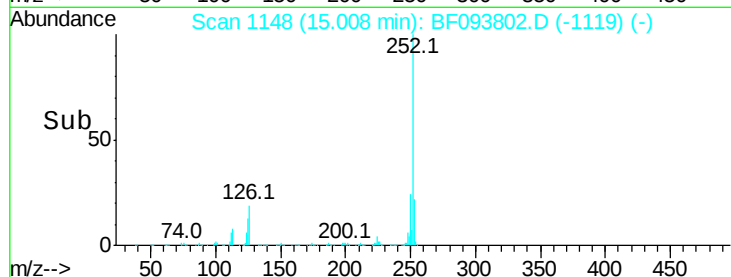
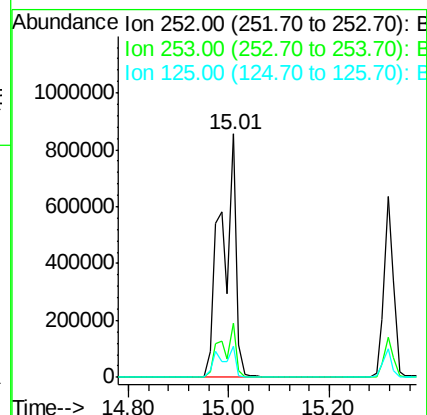
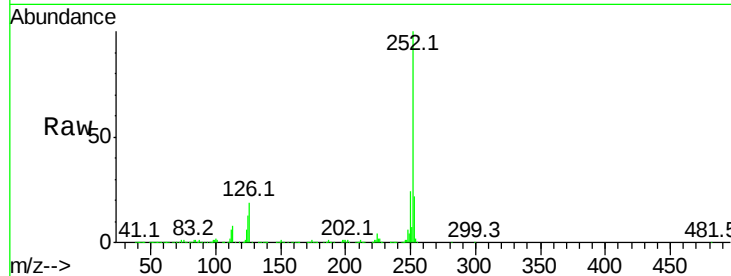
Lab File: BF093802.D

Acq: 21 Mar 2017 17:04

Instrument :
BNA_F
ClientSampleId :
SGS47-9-11MSD

Tot Ion:252 Resp: 1732385

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	12.6	9.8	14.8



#88

Benzo(k)fluoranthene

Concen: 105.95 ng

RT: 15.01 min Scan# 1148

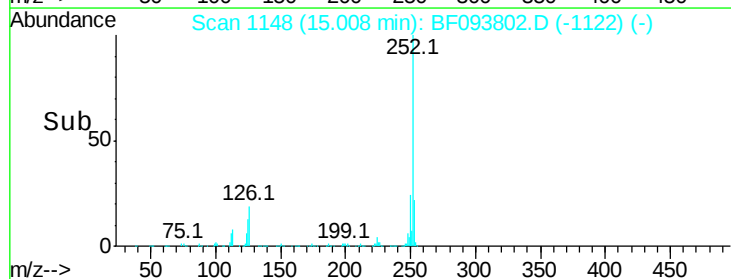
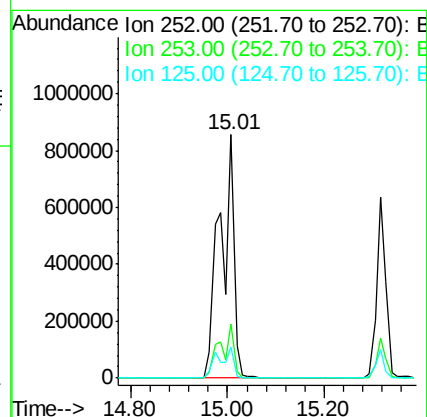
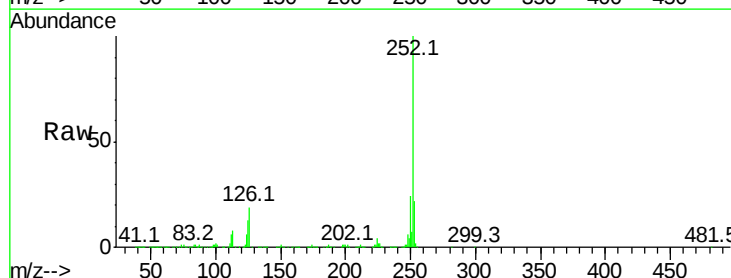
Delta R.T. -0.00 min

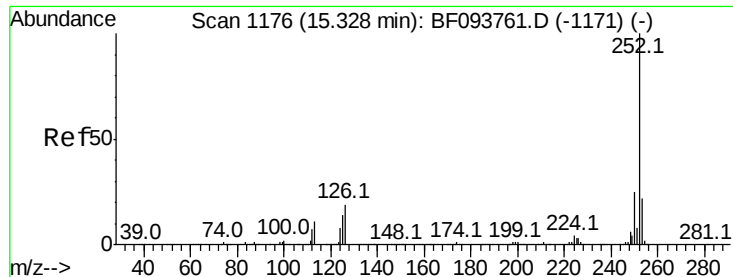
Lab File: BF093802.D

Acq: 21 Mar 2017 17:04

Tgt Ion:252 Resp: 1732633

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.4	27.6
125	12.6	13.1	19.7#

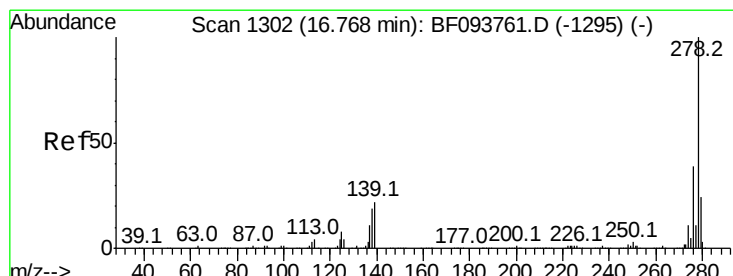
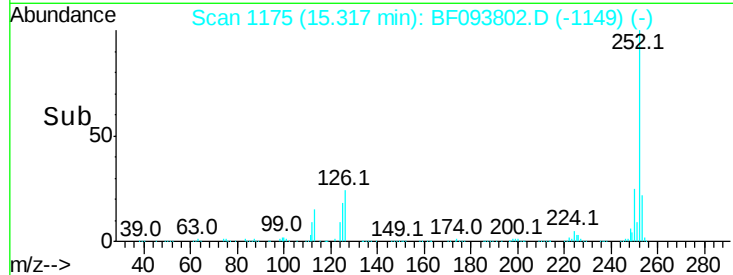
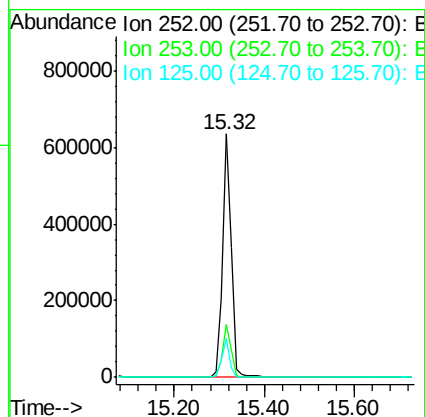
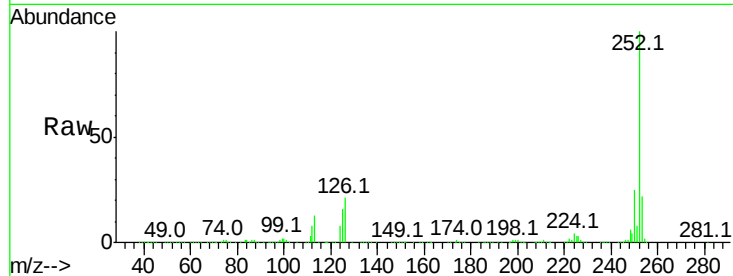




#89
Benzo(a)pyrene
Concen: 47.22 ng
RT: 15.32 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BF093802.D
Acq: 21 Mar 2017 17:04

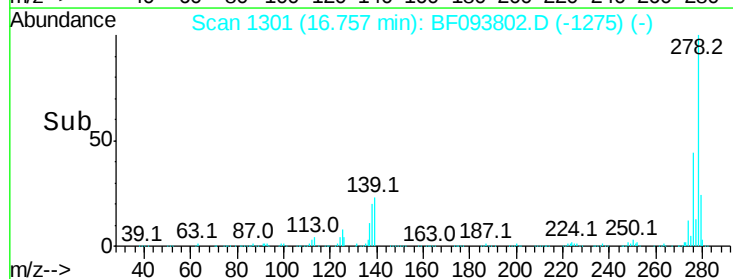
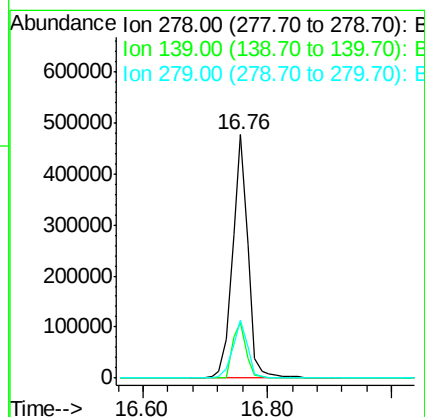
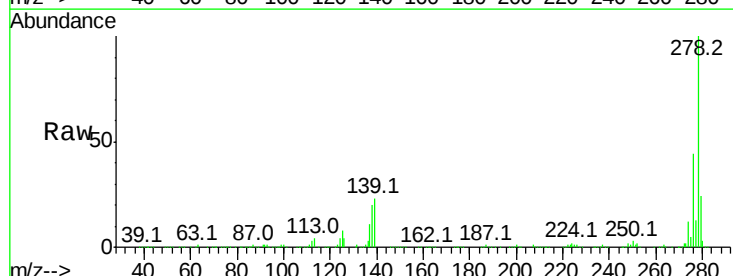
Instrument :
BNA_F
ClientSampleId :
SGS47-9-11MSD

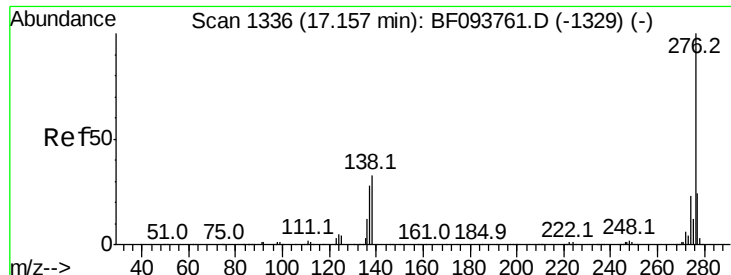
Tot Ion:252 Resp: 847902
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 16.1 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 55.15 ng
RT: 16.76 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF093802.D
Acq: 21 Mar 2017 17:04

Tgt Ion:278 Resp: 822403
Ion Ratio Lower Upper
278 100
139 22.8 16.6 24.8
279 24.1 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 57.41 ng

RT: 17.15 min Scan# 1335

Delta R.T. -0.00 min

Lab File: BF093802.D

Acq: 21 Mar 2017 17:04

Instrument :

BNA_F

ClientSampleId :

SGS47-9-11MSD

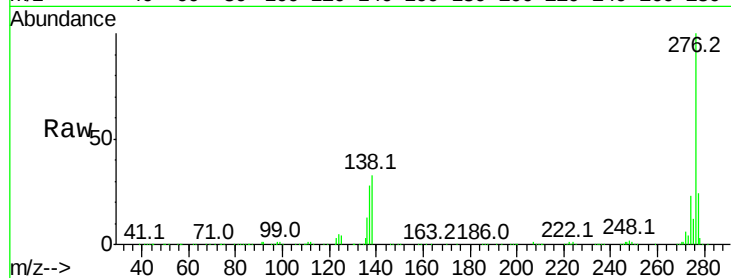
Tot Ion:276 Resp: 849617

Ion Ratio Lower Upper

276 100

277 24.0 18.6 28.0

138 33.2 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

