

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032117\
 Data File : BF093801.D
 Acq On : 21 Mar 2017 16:37
 Operator : SJ/MA
 Sample : I2314-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SGS47-9-11MS

Quant Time: Mar 22 00:53:06 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	196715	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	850807	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	373710	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	631163	20.00	ng	0.00
75) Chrysene-d12	13.97	240	353158	20.00	ng	0.00
86) Perylene-d12	15.37	264	331480	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1493017	132.72	ng	0.02
7) Phenol-d6	6.47	99	1822932	131.15	ng	0.01
23) Nitrobenzene-d5	7.40	82	1225932	81.74	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	321656	111.12	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1771372	79.71	ng	0.00
78) Terphenyl-d14	12.93	244	1338354	77.27	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.47	88	207413	36.39	ng	98
3) Pyridine	3.18	79	573326	37.54	ng	99
4) n-Nitrosodimethylamine	3.11	42	275768	41.87	ng	95
6) Aniline	6.49	93	533967	27.47	ng	94
8) 2-Chlorophenol	6.62	128	572472	46.27	ng	89
9) Benzaldehyde	6.37	77	212592	21.64	ng	98
10) Phenol	6.48	94	837587	53.61	ng	97
11) bis(2-Chloroethyl)ether	6.56	93	520258	41.01	ng	95
12) 1,3-Dichlorobenzene	6.77	146	559486	39.87	ng	98
13) 1,4-Dichlorobenzene	6.85	146	609252	42.55	ng	98
14) 1,2-Dichlorobenzene	7.00	146	516064	39.30	ng	98
15) Benzyl Alcohol	6.97	79	508815	49.40	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.11	45	801100	39.72	ng	99
17) 2-Methylphenol	7.09	107	462188	42.56	ng	98
18) Hexachloroethane	7.35	117	210606	41.49	ng	97
19) n-Nitroso-di-n-propylamine	7.25	70	353075	38.77	ng	96
20) 3+4-Methylphenols	7.25	107	573878	44.64	ng	# 82
22) Acetophenone	7.24	105	729273	39.59	ng	96
24) Nitrobenzene	7.41	77	527812	36.84	ng	100
25) Isophorone	7.66	82	1099698	41.39	ng	# 93
26) 2-Nitrophenol	7.73	139	306433	47.29	ng	93
27) 2,4-Dimethylphenol	7.77	122	548912	41.19	ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	644771	37.72	ng	99
29) 2,4-Dichlorophenol	7.97	162	465740	41.06	ng	95
30) 1,2,4-Trichlorobenzene	8.06	180	478785	40.64	ng	99
31) Naphthalene	8.14	128	1651931	41.83	ng	100
32) Benzoic acid	7.86	122	161826	19.53	ng	95
33) 4-Chloroaniline	8.18	127	393776	23.20	ng	# 90
34) Hexachlorobutadiene	8.26	225	238787	38.54	ng	98
35) Caprolactam	8.55	113	120565	33.86	ng	90
36) 4-Chloro-3-methylphenol	8.66	107	491374	41.80	ng	# 84
37) 2-Methylnaphthalene	8.82	142	1017840	39.48	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	391682	39.57	ng	98
40) Hexachlorocyclopentadiene	8.98	237	341049	68.30	ng	97

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032117\
 Data File : BF093801.D
 Acq On : 21 Mar 2017 16:37
 Operator : SJ/MA
 Sample : I2314-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SGS47-9-11MS

Quant Time: Mar 22 00:53:06 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

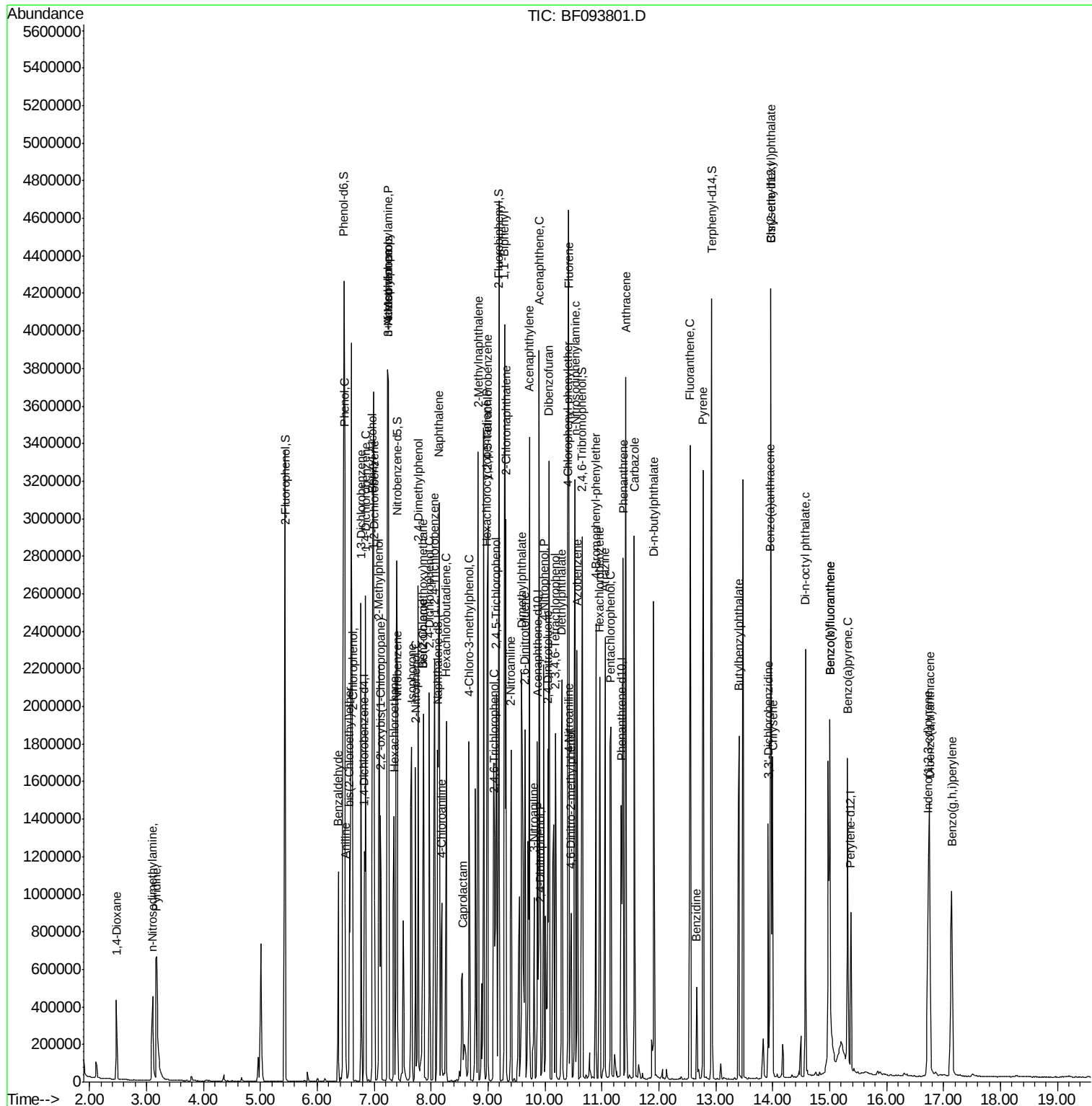
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	341900	47.59	nq	97
43) 2,4,5-Trichlorophenol	9.14	196	323178	43.33	nq	95
45) 1,1'-Biphenyl	9.29	154	1260103	41.49	nq	98
46) 2-Chloronaphthalene	9.32	162	1012041	43.46	nq	96
47) 2-Nitroaniline	9.41	65	328980	50.58	nq	# 74
48) Acenaphthylene	9.73	152	1493471	39.41	nq	99
49) Dimethylphthalate	9.59	163	1364161	51.29	nq	99
50) 2,6-Dinitrotoluene	9.65	165	238250	40.80	nq	# 80
51) Acenaphthene	9.90	154	938207	41.45	nq	100
52) 3-Nitroaniline	9.81	138	214639	30.62	nq	96
53) 2,4-Dinitrophenol	9.92	184	162773	71.02	nq	# 52
54) Dibenzofuran	10.07	168	1288701	42.31	nq	98
55) 4-Nitrophenol	9.98	139	438254	83.25	nq	# 68
56) 2,4-Dinitrotoluene	10.05	165	311418	42.01	nq	# 73
57) Fluorene	10.41	166	935398	40.10	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.18	232	235659	45.99	nq	95
59) Diethylphthalate	10.30	149	1117779	43.12	nq	97
60) 4-Chlorophenyl-phenylether	10.40	204	413865	42.09	nq	95
61) 4-Nitroaniline	10.42	138	241557	38.53	nq	92
62) Azobenzene	10.56	77	1158108	45.17	nq	99
64) 4,6-Dinitro-2-methylphenol	10.46	198	154324	42.20	nq	# 56
65) n-Nitrosodiphenylamine	10.53	169	952822	45.28	nq	99
66) 4-Bromophenyl-phenylether	10.89	248	246828	40.63	nq	93
67) Hexachlorobenzene	10.96	284	257935	41.17	nq	# 85
68) Atrazine	11.05	200	271256	42.00	nq	95
69) Pentachlorophenol	11.16	266	308330	84.16	nq	98
70) Phenanthrene	11.37	178	1473775	43.84	nq	99
71) Anthracene	11.42	178	1369331	39.57	nq	100
72) Carbazole	11.57	167	1239161	36.17	nq	99
73) Di-n-butylphthalate	11.91	149	1542291	41.82	nq	100
74) Fluoranthene	12.55	202	1313869	38.03	nq	99
76) Benzidine	12.67	184	155090	10.01	nq	# 94
77) Pyrene	12.78	202	1386660	47.18	nq	99
79) Butylbenzylphthalate	13.41	149	612158	46.60	nq	98
80) Benzo(a)anthracene	13.96	228	877151	39.65	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	246175	29.53	nq	# 97
82) Chrysene	14.00	228	849167	38.42	nq	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	669634	42.33	nq	99
84) Di-n-octyl phthalate	14.57	149	1098000	38.04	nq	99
85) Indeno(1,2,3-cd)pyrene	16.73	276	888356	49.08	nq	98
87) Benzo(b)fluoranthene	15.01	252	1526484	68.31	nq	98
88) Benzo(k)fluoranthene	15.01	252	1526726	92.52	nq	# 94
89) Benzo(a)pyrene	15.32	252	746029	41.17	nq	98
90) Dibenzo(a,h)anthracene	16.76	278	741841	49.30	nq	98
91) Benzo(g,h,i)perylene	17.15	276	755088	50.56	nq	98

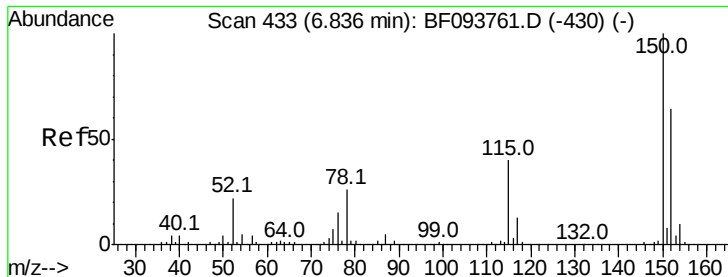
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032117\
Data File : BF093801.D
Acq On : 21 Mar 2017 16:37
Operator : SJ/MA
Sample : I2314-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SGS47-9-11MS

Quant Time: Mar 22 00:53:06 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



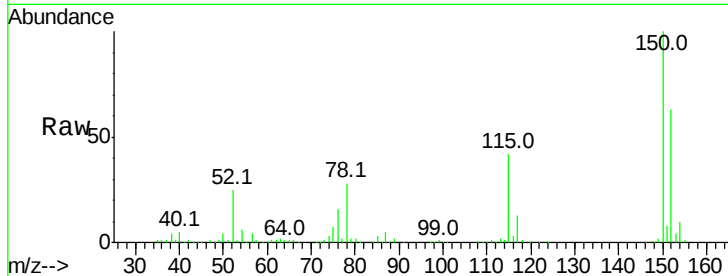


#1

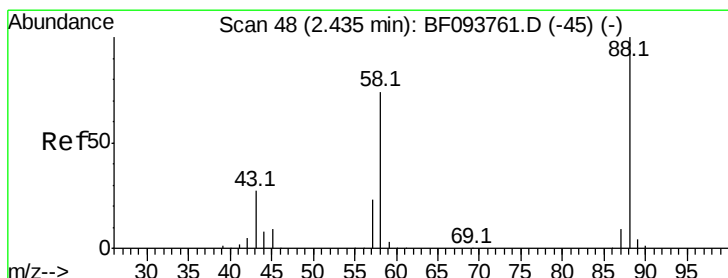
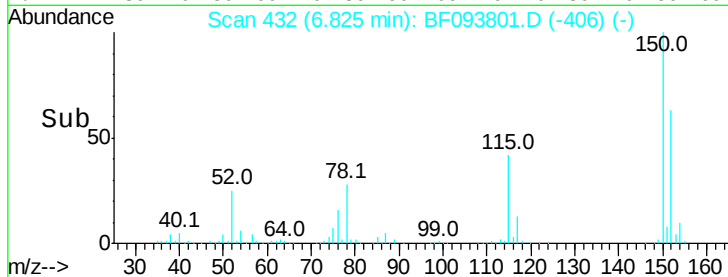
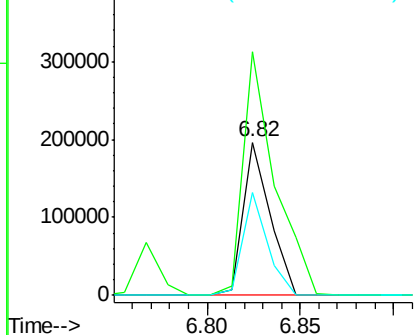
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF093801.D
Acq: 21 Mar 2017 16:37

Instrument :
BNA_F
ClientSampleId :
SGS47-9-11MS

Tot Ion:152 Resp: 196715
Ion Ratio Lower Upper
152 100
150 159.4 126.2 189.2
115 67.0 52.2 78.2



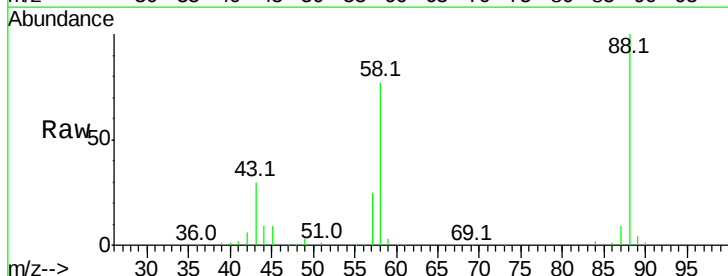
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



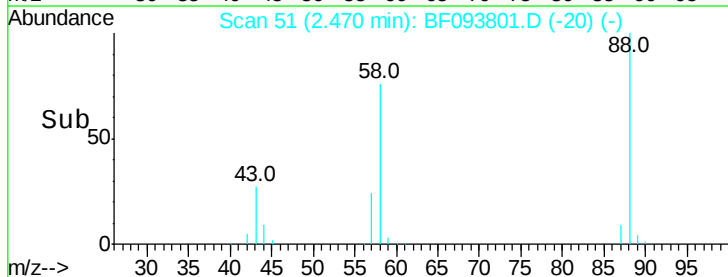
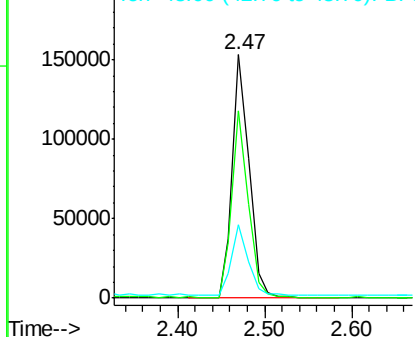
#2

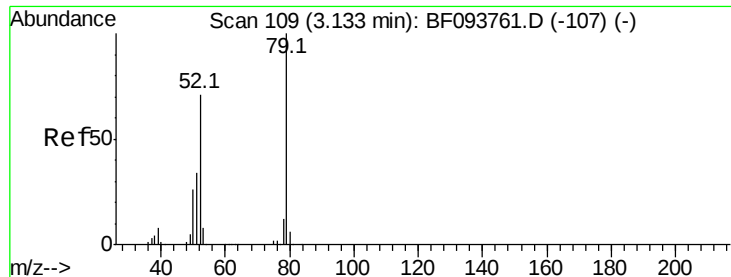
1,4-Dioxane
Concen: 36.39 ng
RT: 2.47 min Scan# 51
Delta R.T. 0.06 min
Lab File: BF093801.D
Acq: 21 Mar 2017 16:37

Tgt Ion: 88 Resp: 207413
Ion Ratio Lower Upper
88 100
58 74.2 61.4 92.0
43 28.7 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

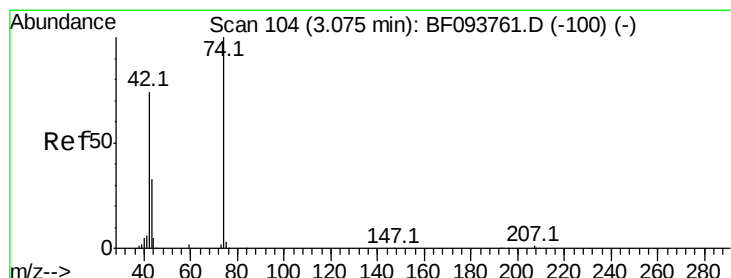
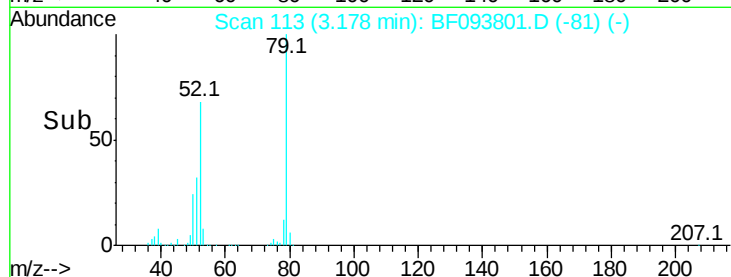
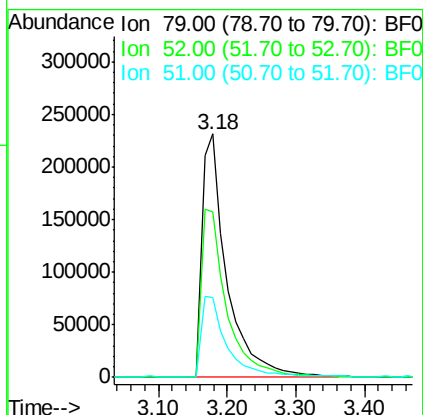
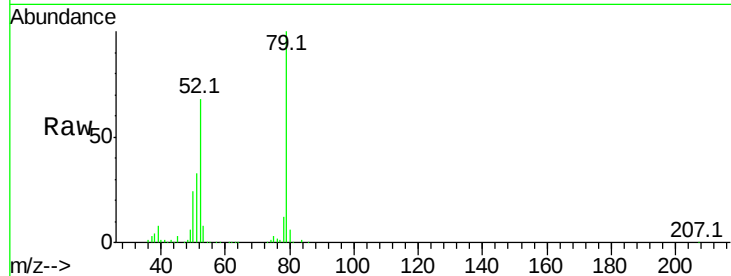




#3
 Pvridine
 Concen: 37.54 ng
 RT: 3.18 min Scan# 113
 Delta R.T. 0.07 min
 Lab File: BF093801.D
 Acq: 21 Mar 2017 16:37

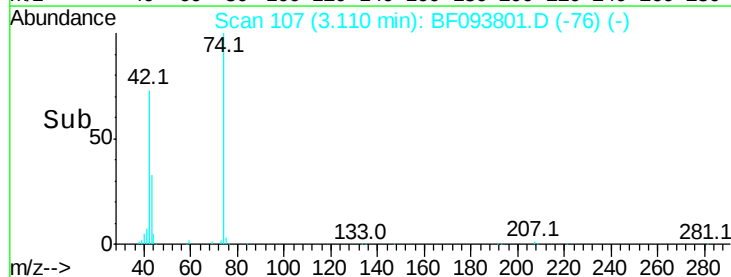
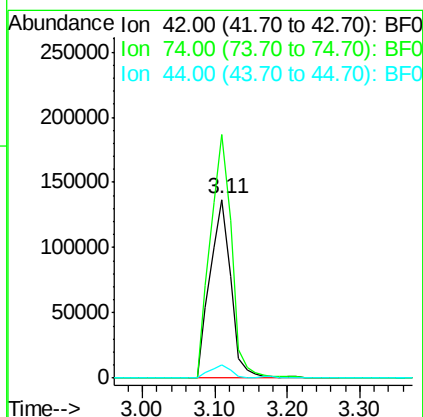
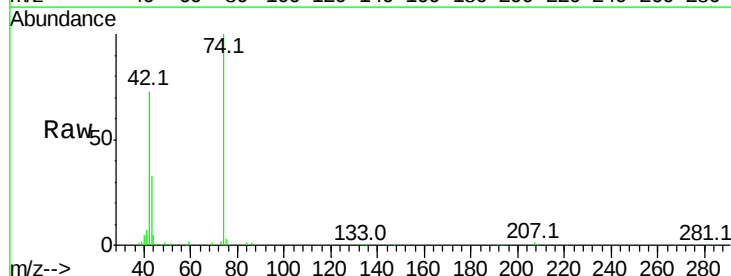
Instrument :
 BNA_F
 ClientSampleId :
 SGS47-9-11MS

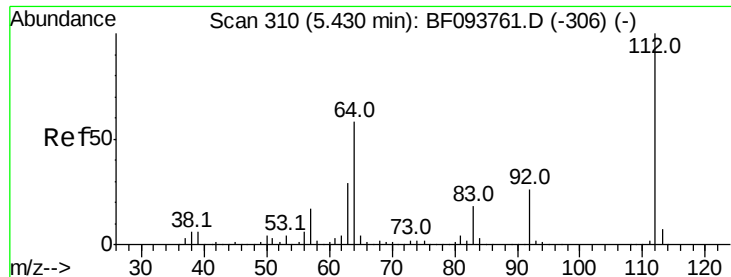
Tot Ion: 79 Resp: 573326
 Ion Ratio Lower Upper
 79 100
 52 67.8 54.8 82.2
 51 32.7 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 41.87 ng
 RT: 3.11 min Scan# 107
 Delta R.T. 0.06 min
 Lab File: BF093801.D
 Acq: 21 Mar 2017 16:37

Tgt Ion: 42 Resp: 275768
 Ion Ratio Lower Upper
 42 100
 74 136.5 103.9 155.9
 44 7.1 5.7 8.5





#5

2-Fluorophenol

Concen: 132.72 ng

RT: 5.44 min Scan# 311

Delta R.T. 0.02 min

Lab File: BF093801.D

Acq: 21 Mar 2017 16:37

Instrument :
BNA_F
ClientSampleId :
SGS47-9-11MS

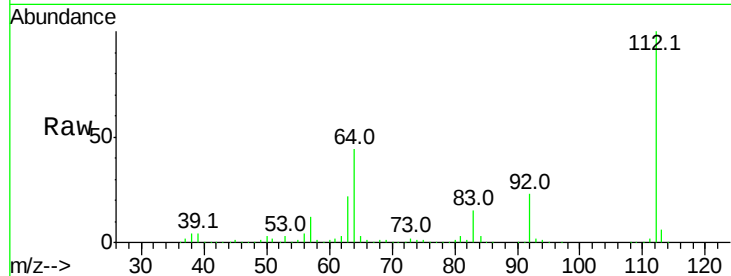
Tot Ion:112 Resp: 1493017

Ion Ratio Lower Upper

112 100

64 43.9 46.0 69.0#

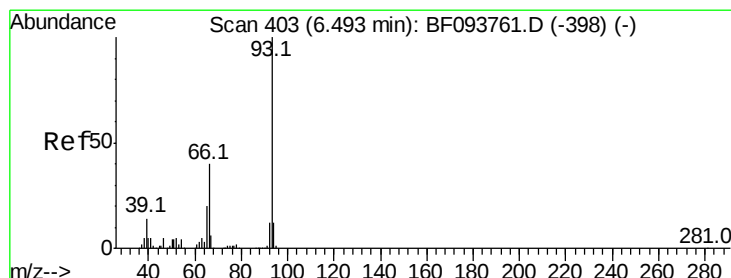
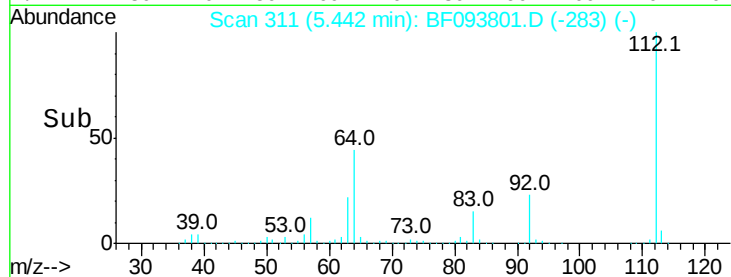
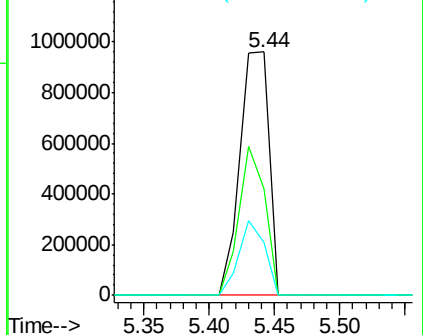
63 21.9 23.4 35.0#



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: 27.47 ng

RT: 6.49 min Scan# 403

Delta R.T. 0.01 min

Lab File: BF093801.D

Acq: 21 Mar 2017 16:37

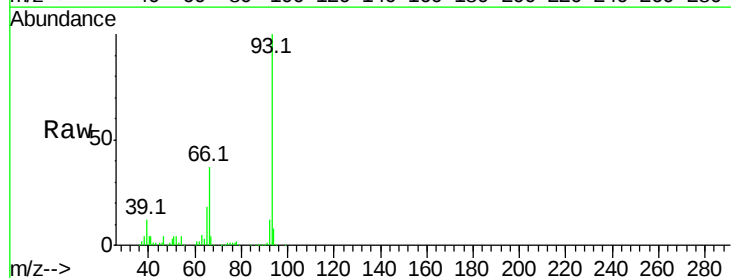
Tgt Ion: 93 Resp: 533967

Ion Ratio Lower Upper

93 100

66 36.6 32.9 49.3

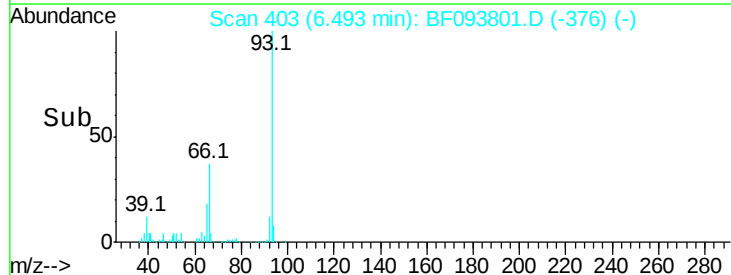
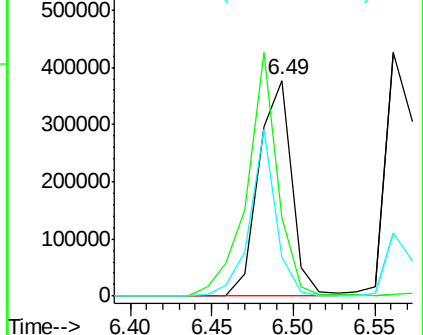
65 18.1 16.0 24.0

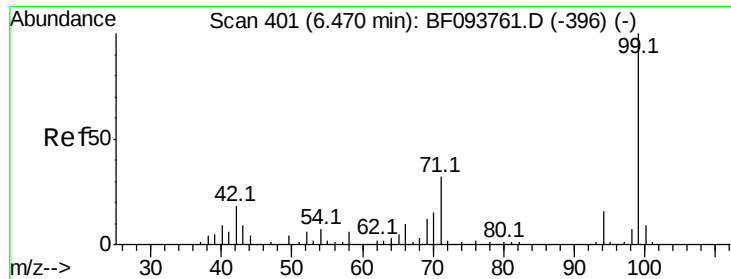


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 131.15 ng

RT: 6.47 min Scan# 401

Delta R.T. 0.01 min

Lab File: BF093801.D

Acq: 21 Mar 2017 16:37

Instrument :

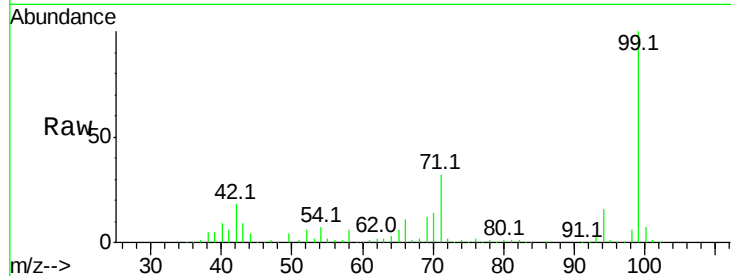
BNA_F

ClientSampleId :

SGS47-9-11MS

Tot Ion: 99 Resp: 1822932

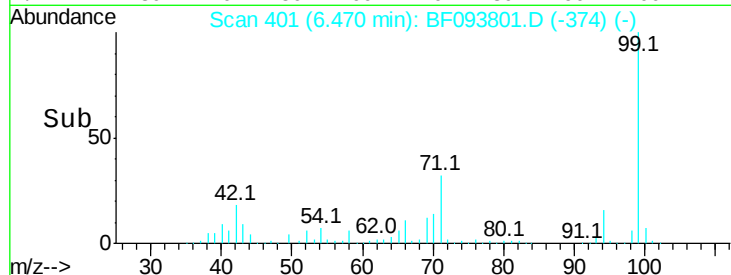
Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.5	20.3
71	32.5	24.5	36.7



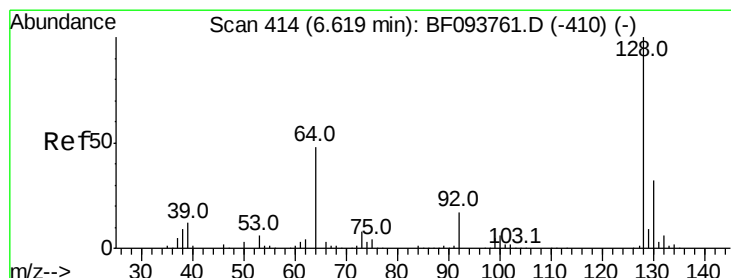
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#8

2-Chlorophenol

Concen: 46.27 ng

RT: 6.62 min Scan# 414

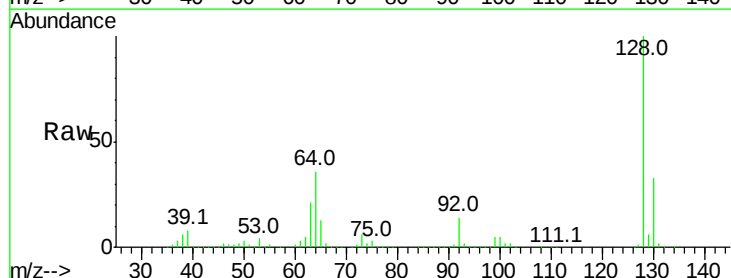
Delta R.T. 0.01 min

Lab File: BF093801.D

Acq: 21 Mar 2017 16:37

Tgt Ion:128 Resp: 572472

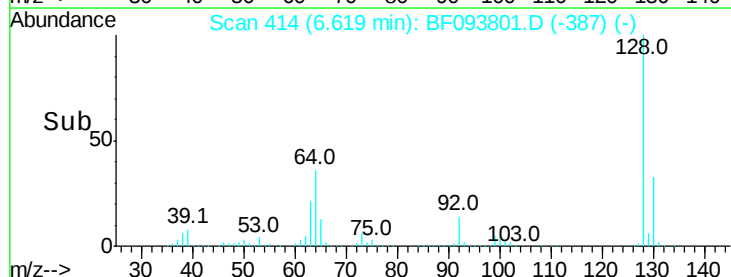
Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.9	52.9
64	36.2	28.4	68.4



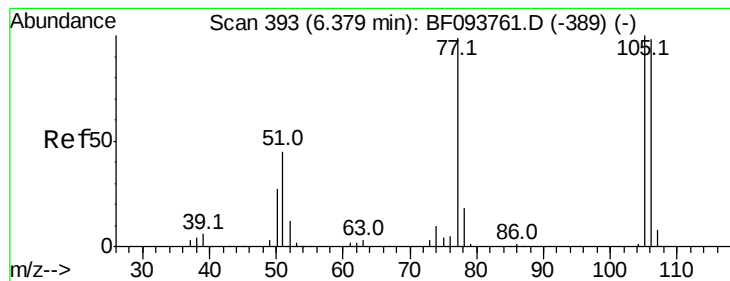
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



Time-->



#9

Benzaldehyde

Concen: 21.64 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF093801.D

Acq: 21 Mar 2017 16:37

Instrument :

BNA_F

ClientSampleId :

SGS47-9-11MS

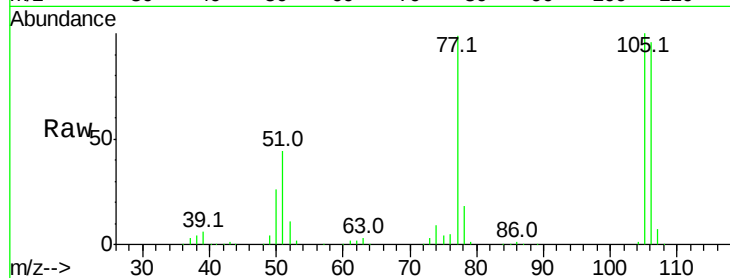
Tot Ion: 77 Resp: 212592

Ion Ratio Lower Upper

77 100

105 101.0 83.8 123.8

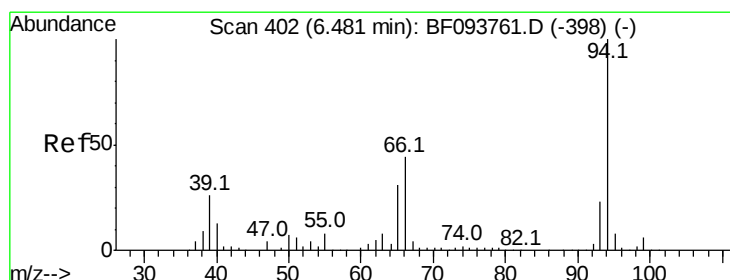
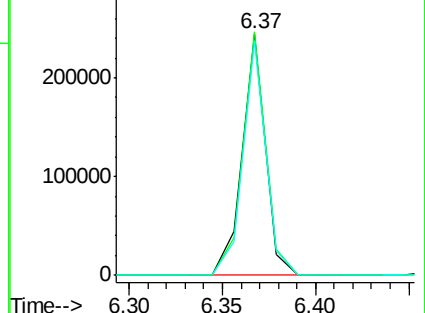
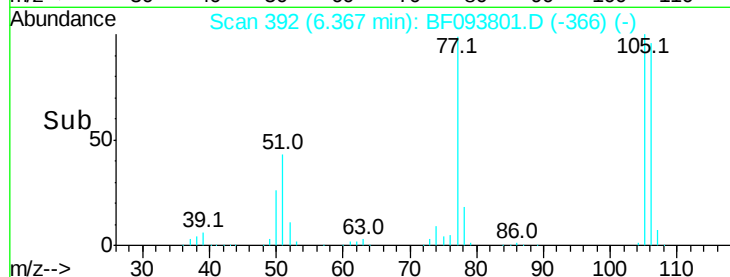
106 97.4 79.1 119.1



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: 53.61 ng

RT: 6.48 min Scan# 402

Delta R.T. 0.01 min

Lab File: BF093801.D

Acq: 21 Mar 2017 16:37

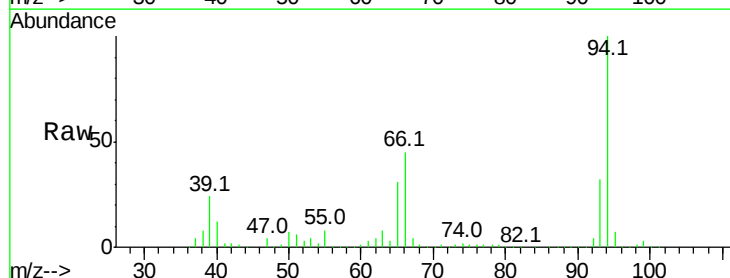
Tgt Ion: 94 Resp: 837587

Ion Ratio Lower Upper

94 100

65 31.1 9.9 49.9

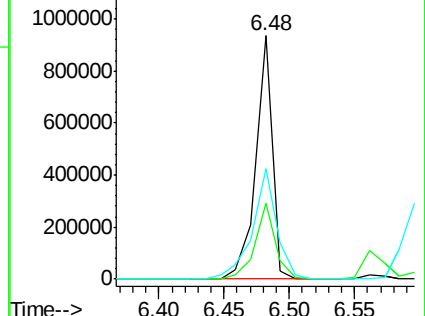
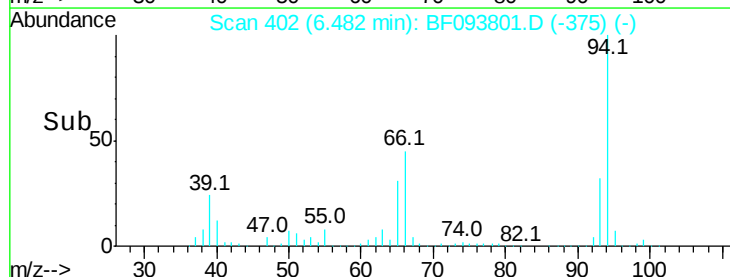
66 45.5 23.1 63.1

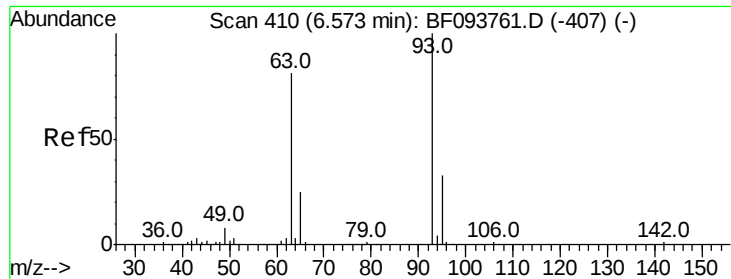


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 41.01 ng

RT: 6.56 min Scan# 409

Delta R.T. -0.00 min

Lab File: BF093801.D

Acq: 21 Mar 2017 16:37

Instrument :

BNA_F

ClientSampleId :

SGS47-9-11MS

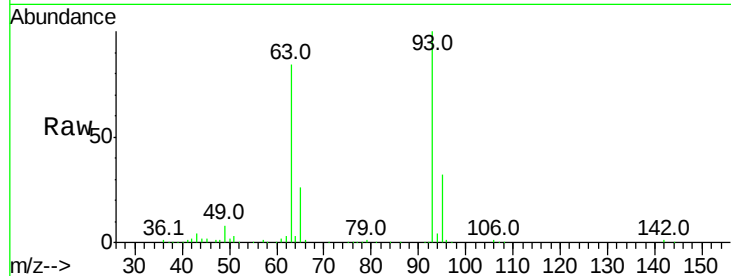
Tot Ion: 93 Resp: 520258

Ion Ratio Lower Upper

93 100

63 84.5 59.2 99.2

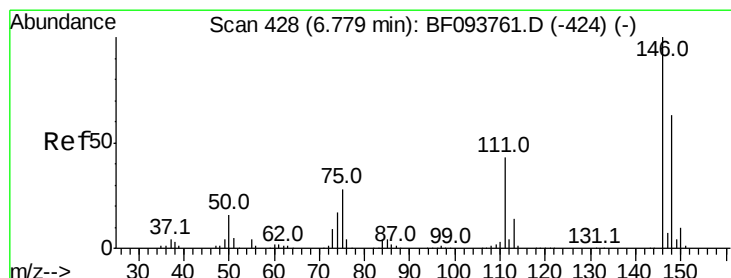
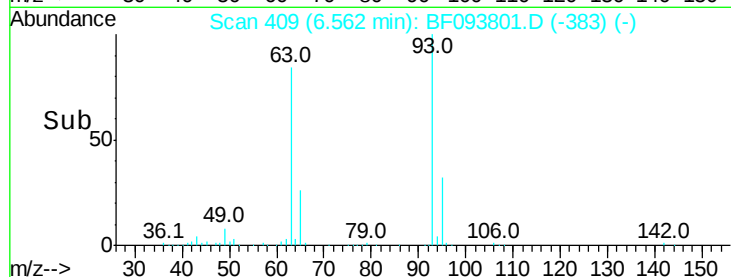
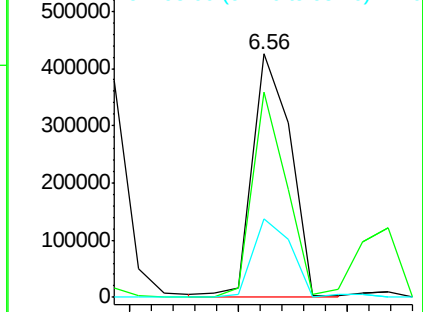
95 32.1 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 39.87 ng

RT: 6.77 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF093801.D

Acq: 21 Mar 2017 16:37

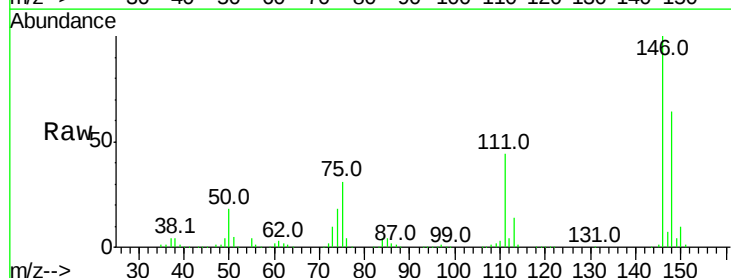
Tgt Ion: 146 Resp: 559486

Ion Ratio Lower Upper

146 100

148 64.2 51.8 77.6

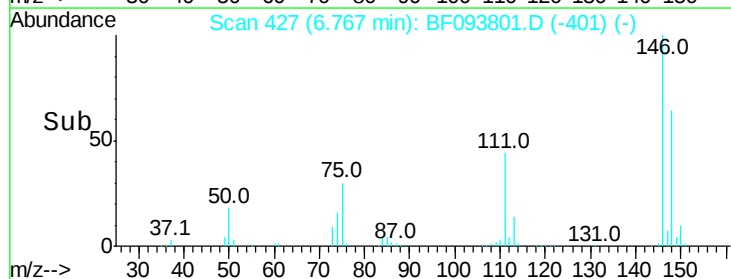
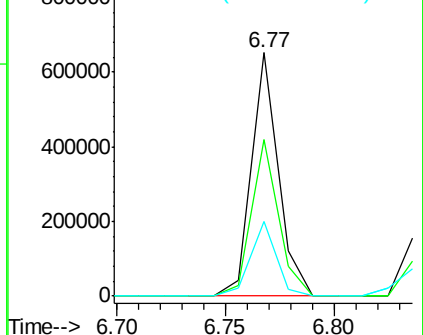
75 30.9 23.1 34.7

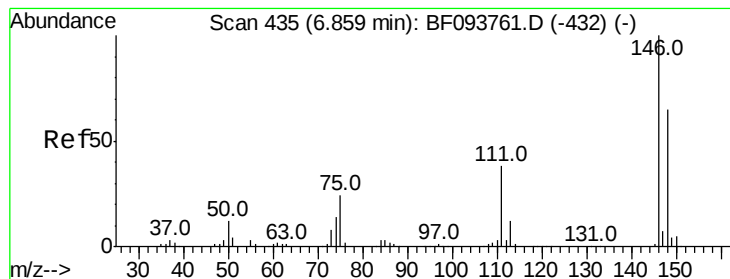


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 42.55 ng

RT: 6.85 min Scan# 434

Delta R.T. -0.00 min

Lab File: BF093801.D

Acq: 21 Mar 2017 16:37

Instrument :

BNA_F

ClientSampleId :

SGS47-9-11MS

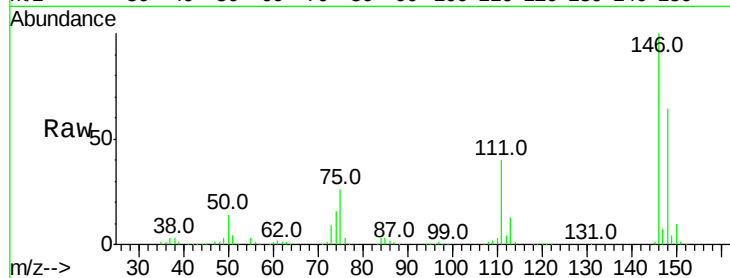
Tot Ion:146 Resp: 609252

Ion Ratio Lower Upper

146 100

148 64.2 52.2 78.2

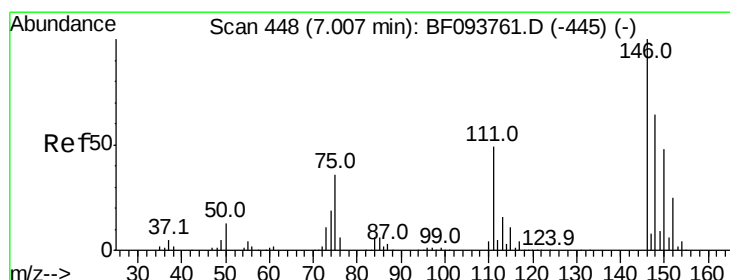
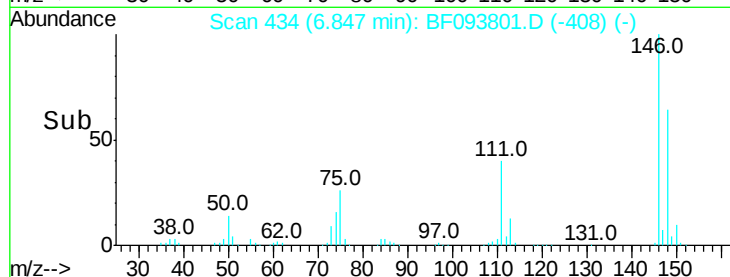
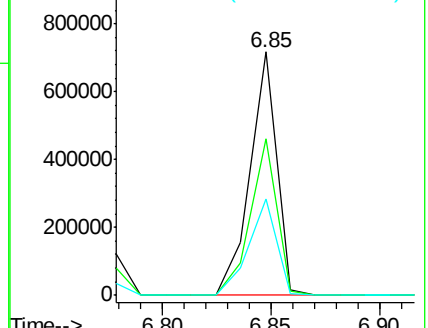
111 39.7 30.3 45.5



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



#14

1,2-Dichlorobenzene

Concen: 39.30 ng

RT: 7.00 min Scan# 447

Delta R.T. -0.01 min

Lab File: BF093801.D

Acq: 21 Mar 2017 16:37

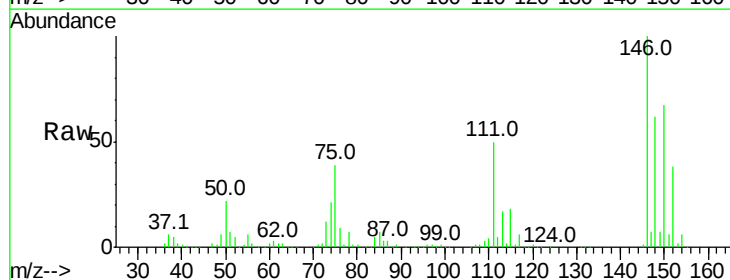
Tgt Ion:146 Resp: 516064

Ion Ratio Lower Upper

146 100

148 62.4 50.4 75.6

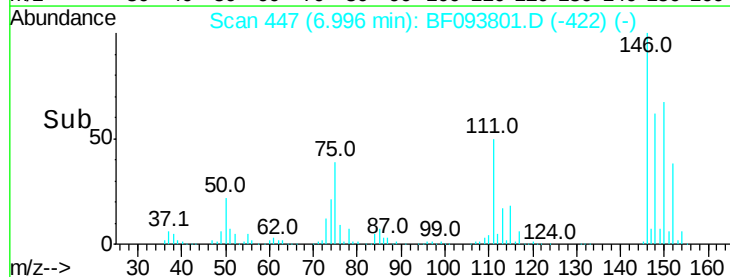
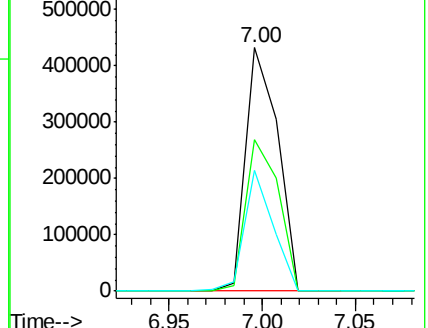
111 49.9 38.2 57.4

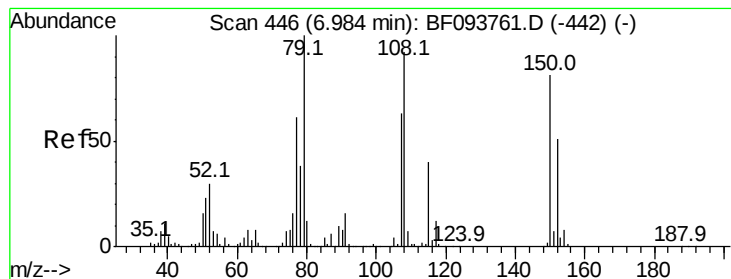


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 49.40 ng

RT: 6.97 min Scan# 445

Delta R.T. -0.00 min

Lab File: BF093801.D

Acq: 21 Mar 2017 16:37

Instrument :

BNA_F

ClientSampleId :

SGS47-9-11MS

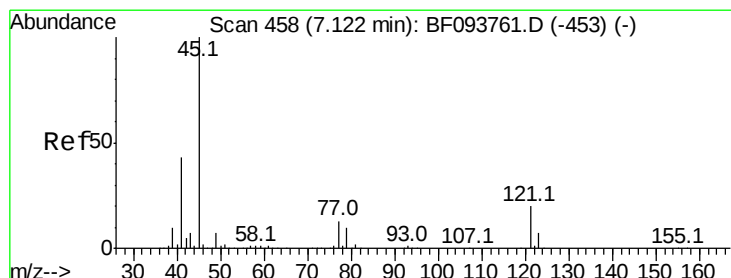
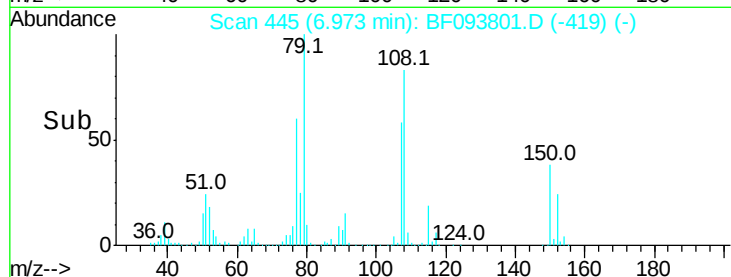
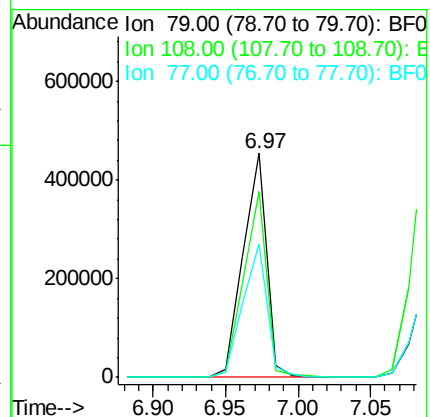
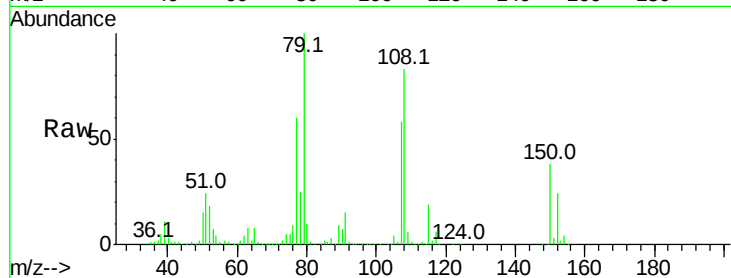
Tot Ion: 79 Resp: 508815

Ion Ratio Lower Upper

79 100

108 82.8 63.4 95.0

77 59.8 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.72 ng

RT: 7.11 min Scan# 457

Delta R.T. -0.00 min

Lab File: BF093801.D

Acq: 21 Mar 2017 16:37

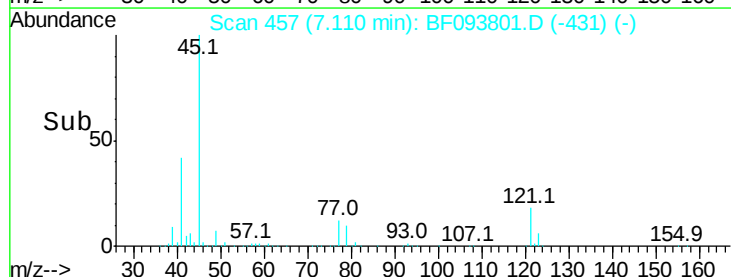
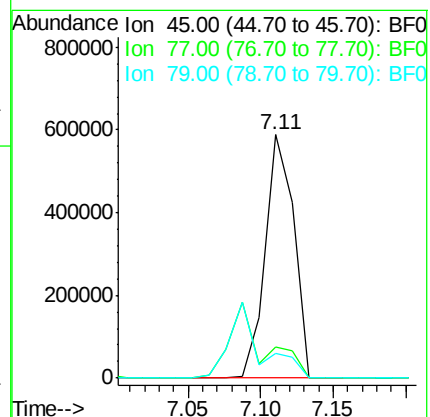
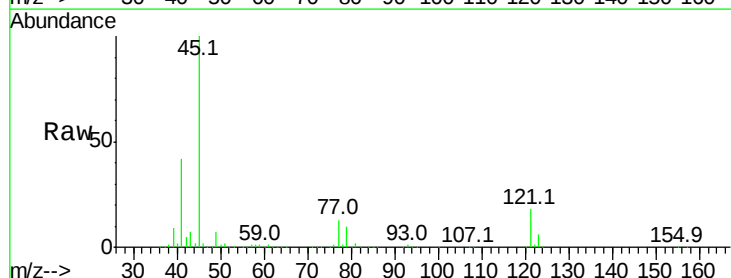
Tgt Ion: 45 Resp: 801100

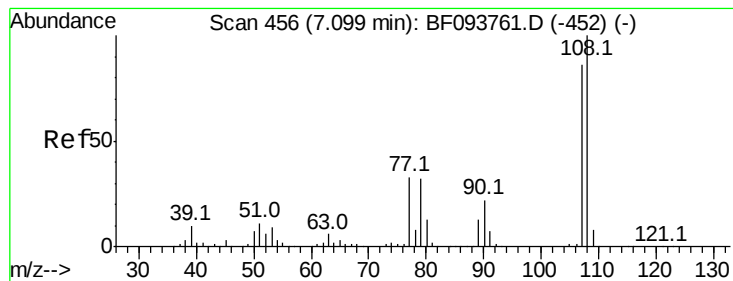
Ion Ratio Lower Upper

45 100

77 12.5 0.0 33.2

79 9.9 0.0 30.0

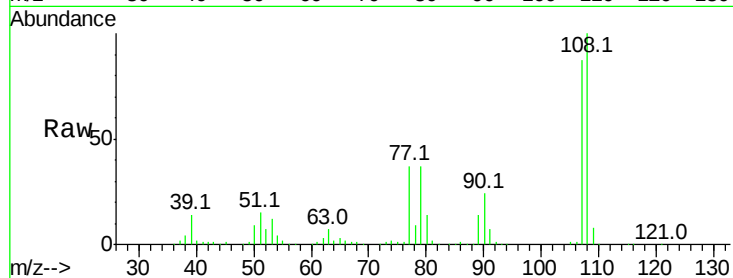




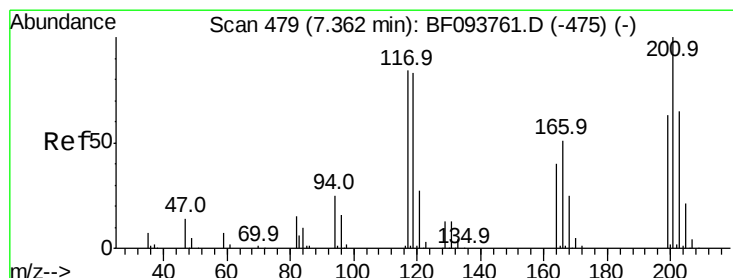
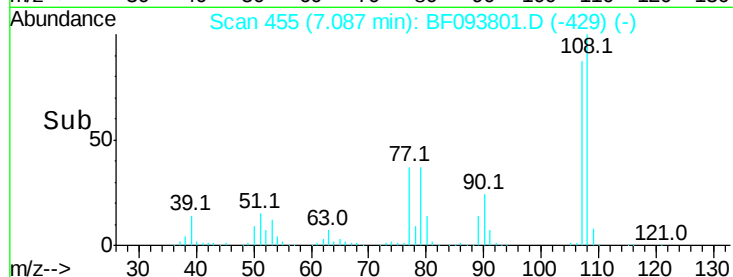
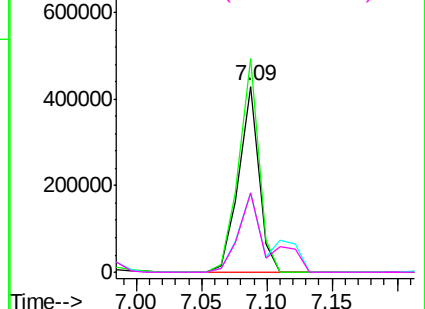
#17
 2-Methylphenol
 Concen: 42.56 ng
 RT: 7.09 min Scan# 455
 Delta R.T. -0.00 min
 Lab File: BF093801.D
 Acq: 21 Mar 2017 16:37

Instrument :
 BNA_F
 ClientSampleId :
 SGS47-9-11MS

Tot Ion:	107	Resp:	462188
Ion	Ratio	Lower	Upper
107	100		
108	115.1	93.4	140.0
77	42.6	35.8	53.6
79	42.7	34.8	52.2

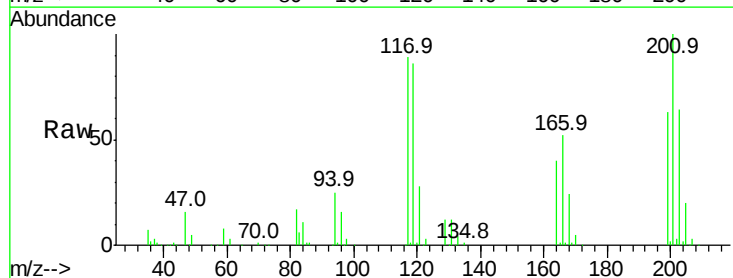


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BF0
 Ion 79.00 (78.70 to 79.70): BF0

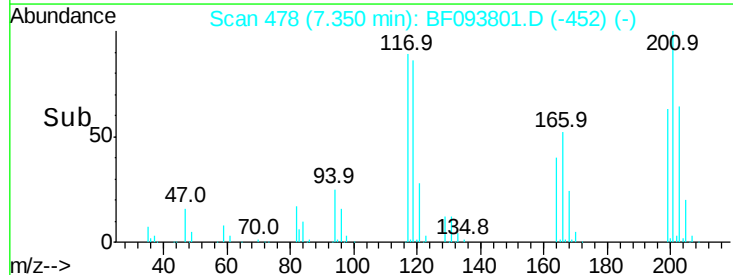
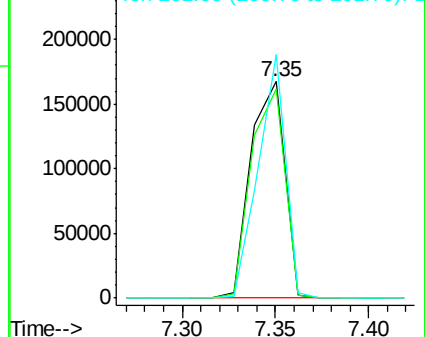


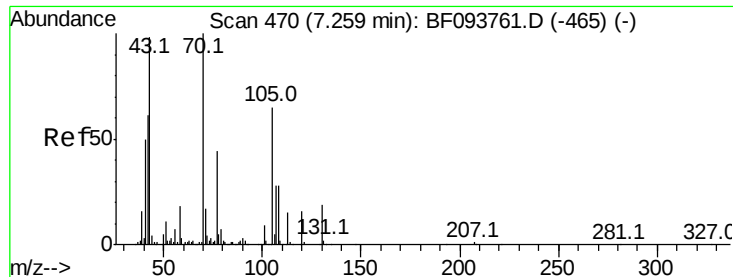
#18
 Hexachloroethane
 Concen: 41.49 ng
 RT: 7.35 min Scan# 478
 Delta R.T. -0.00 min
 Lab File: BF093801.D
 Acq: 21 Mar 2017 16:37

Tgt Ion:	117	Resp:	210606
Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.4	116.0
201	112.4	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

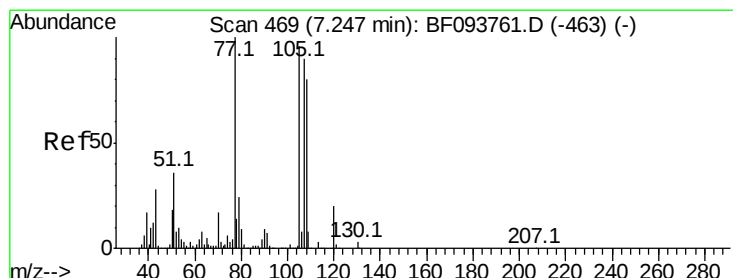
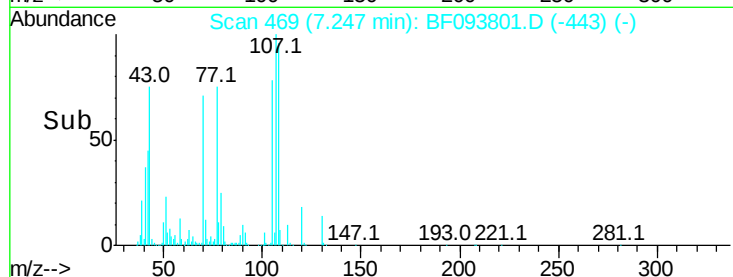
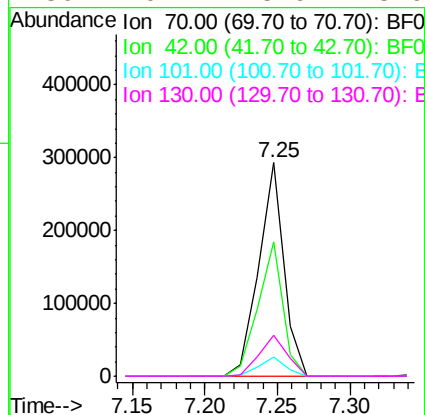
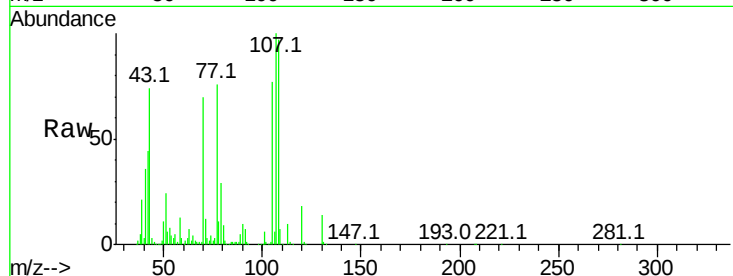




#19
n-Nitroso-di-n-propylamine
Concen: 38.77 ng
RT: 7.25 min Scan# 469
Delta R.T. -0.00 min
Lab File: BF093801.D
Acq: 21 Mar 2017 16:37

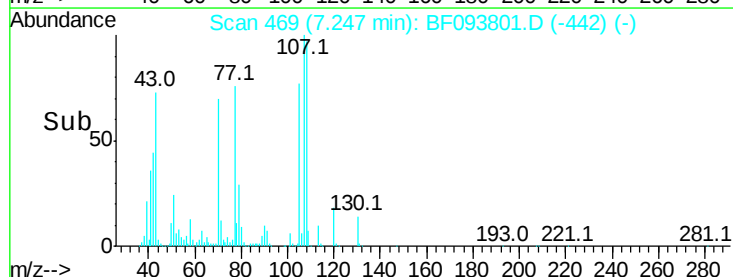
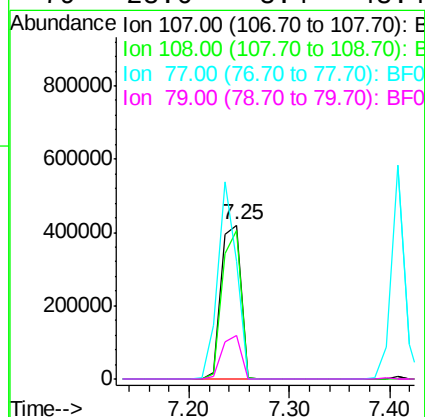
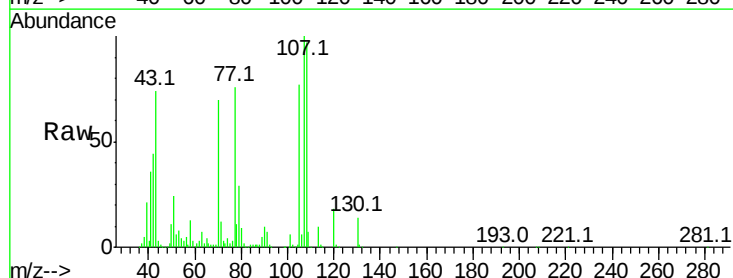
Instrument :
BNA_F
ClientSampleId :
SGS47-9-11MS

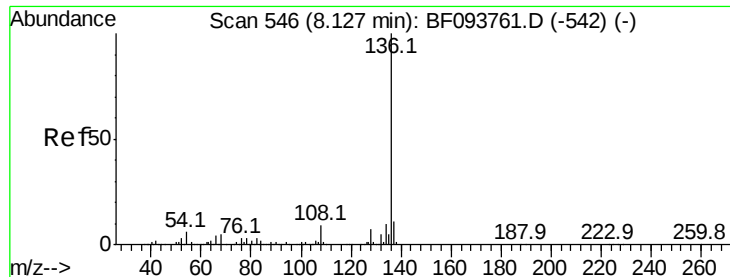
Tot Ion:	70	Resp:	353075
Ion	Ratio	Lower	Upper
70	100		
42	62.8	47.2	70.8
101	8.9	7.2	10.8
130	19.4	15.9	23.9



#20
3+4-Methylphenols
Concen: 44.64 ng
RT: 7.25 min Scan# 469
Delta R.T. 0.01 min
Lab File: BF093801.D
Acq: 21 Mar 2017 16:37

Tgt Ion:	107	Resp:	573878
Ion	Ratio	Lower	Upper
107	100		
108	96.6	71.0	111.0
77	76.3	90.5	130.5#
79	28.6	8.4	48.4

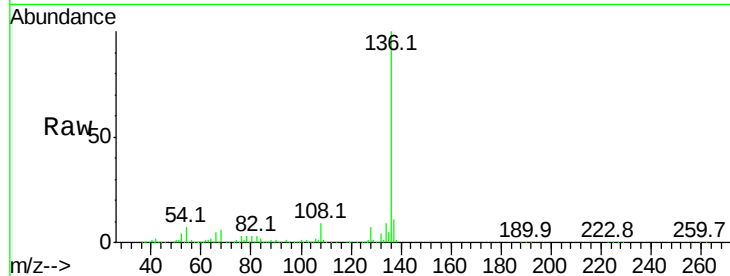




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF093801.D
Acq: 21 Mar 2017 16:37

Instrument :
BNA_F
ClientSampleId :
SGS47-9-11MS

Tot Ion:136	Resp: 850807
Ion Ratio	Lower Upper
136 100	
137 10.9	8.5 12.7
54 7.0	4.9 7.3
68 5.9	4.1 6.1



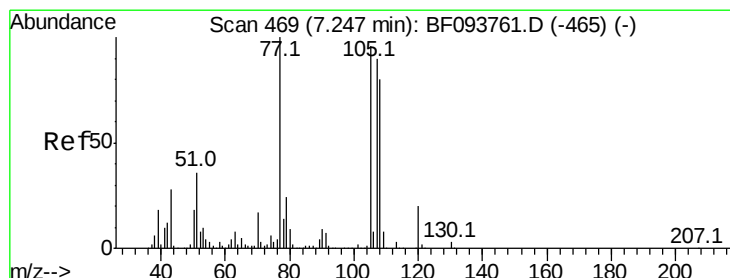
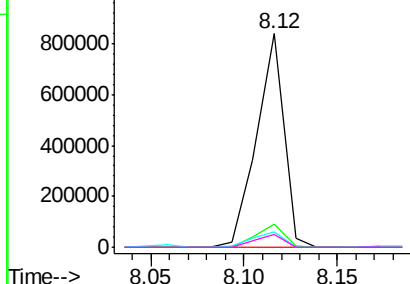
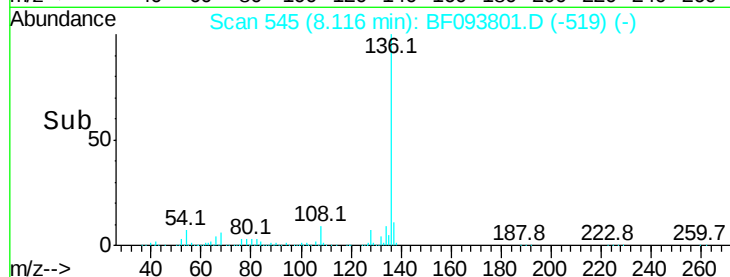
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

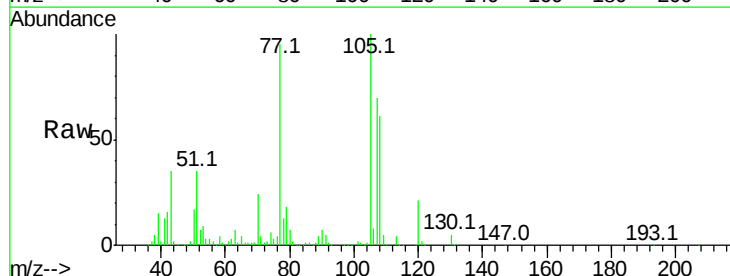
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 39.59 ng
RT: 7.24 min Scan# 468
Delta R.T. -0.00 min
Lab File: BF093801.D
Acq: 21 Mar 2017 16:37

Tgt	Ion:105	Resp:	729273
Ion	Ratio	Lower	Upper
105	100		
71	4.2	2.8	4.2
51	35.0	30.7	46.1
120	21.4	17.4	26.0



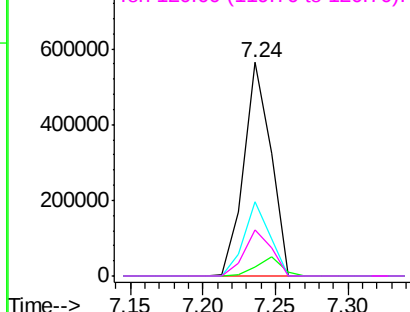
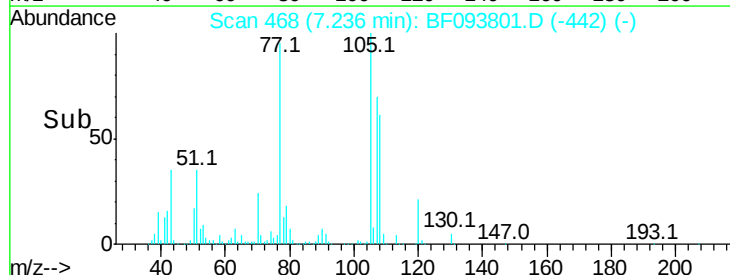
Abundance

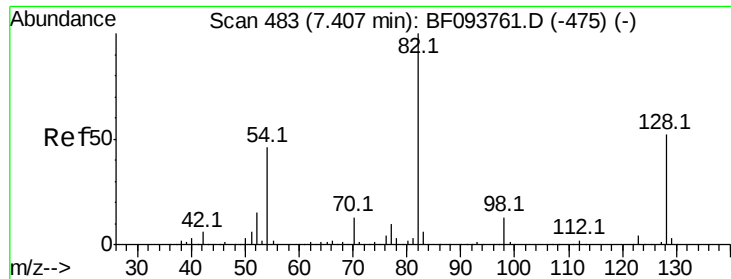
Ion 105.00 (104.70 to 105.70): E

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

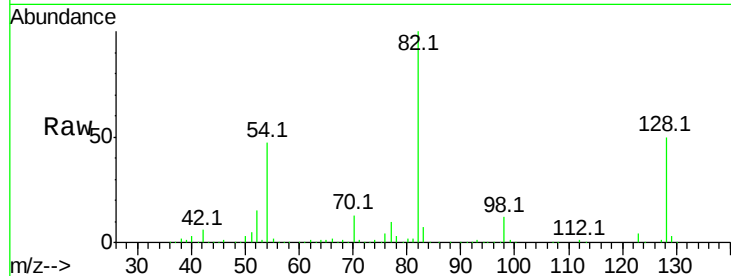




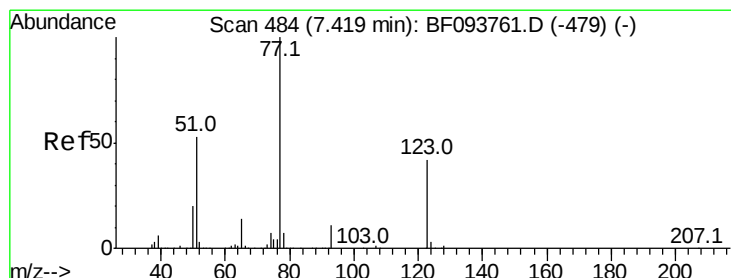
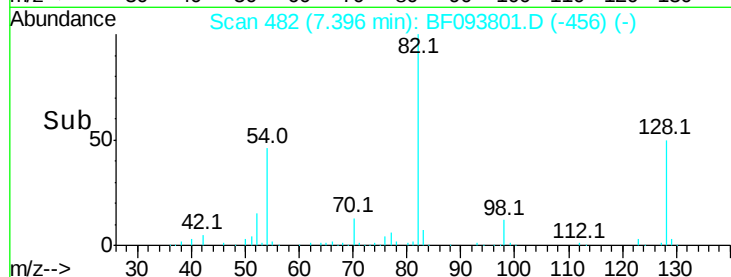
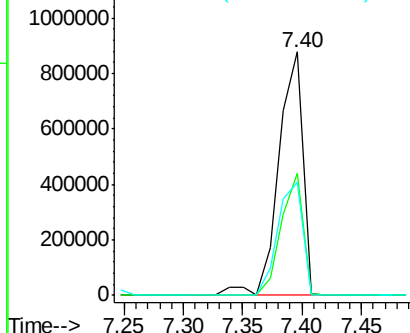
#23
 Nitrobenzene-d5
 Concen: 81.74 ng
 RT: 7.40 min Scan# 482
 Delta R.T. -0.00 min
 Lab File: BF093801.D
 Acq: 21 Mar 2017 16:37

Instrument :
 BNA_F
 ClientSampleId :
 SGS47-9-11MS

Tot Ion: 82 Resp: 1225932
 Ion Ratio Lower Upper
 82 100
 128 49.9 34.0 51.0
 54 46.6 42.2 63.2

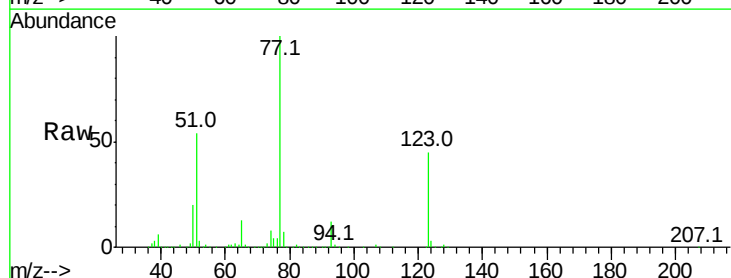


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

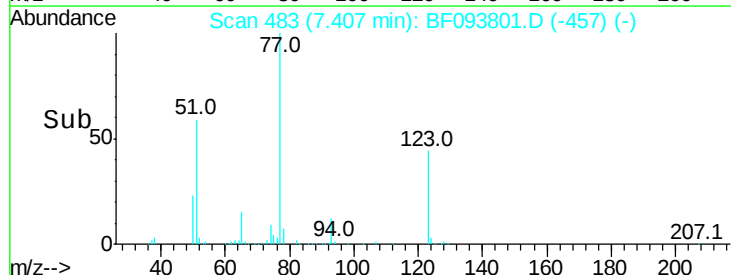
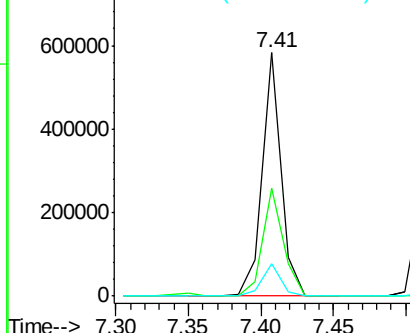


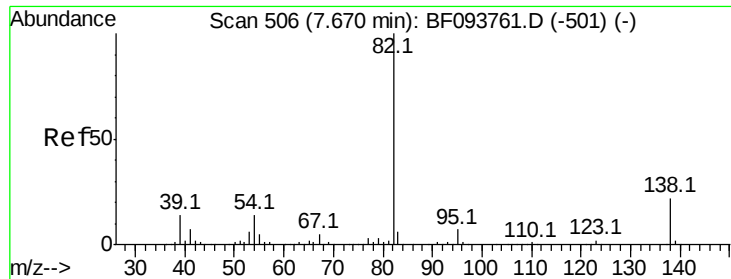
#24
 Nitrobenzene
 Concen: 36.84 ng
 RT: 7.41 min Scan# 483
 Delta R.T. -0.00 min
 Lab File: BF093801.D
 Acq: 21 Mar 2017 16:37

Tgt Ion: 77 Resp: 527812
 Ion Ratio Lower Upper
 77 100
 123 44.5 35.8 53.8
 65 13.4 10.6 15.8



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





#25

Isophorone

Concen: 41.39 ng

RT: 7.66 min Scan# 505

Delta R.T. -0.00 min

Lab File: BF093801.D

Acq: 21 Mar 2017 16:37

Instrument :

BNA_F

ClientSampleId :

SGS47-9-11MS

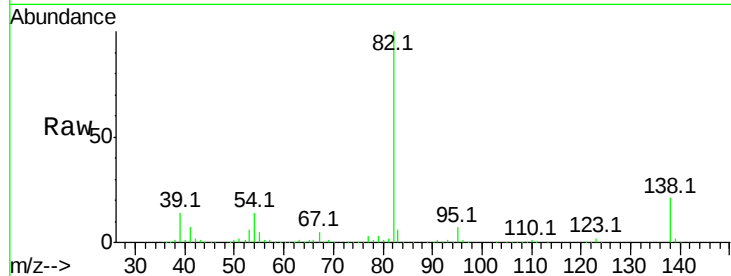
Tot Ion: 82 Resp: 1099698

Ion Ratio Lower Upper

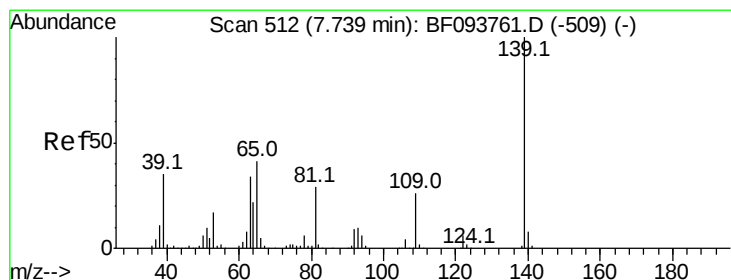
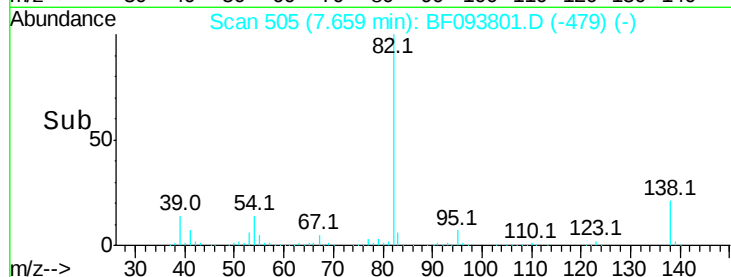
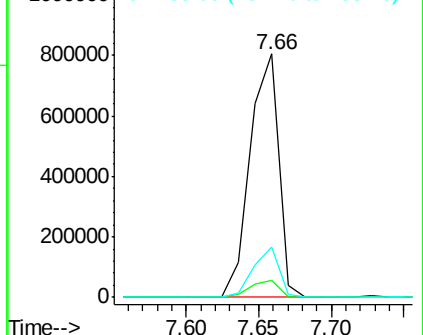
82 100

95 6.8 5.3 7.9

138 20.5 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: 47.29 ng

RT: 7.73 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF093801.D

Acq: 21 Mar 2017 16:37

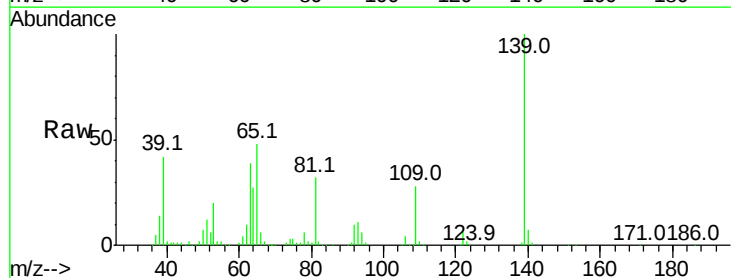
Tgt Ion:139 Resp: 306433

Ion Ratio Lower Upper

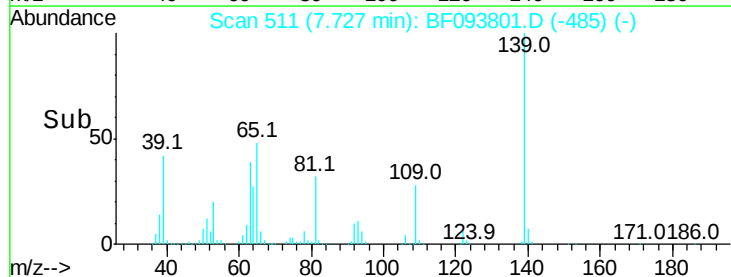
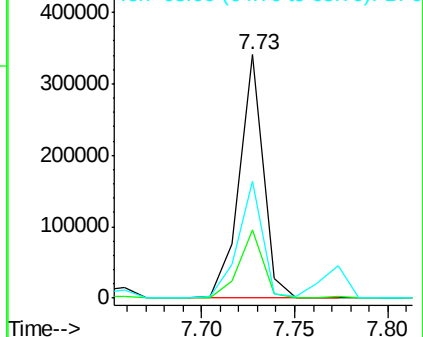
139 100

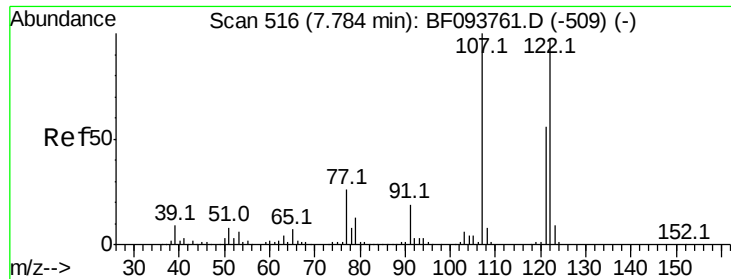
109 27.8 21.0 31.6

65 47.8 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: 41.19 ng

RT: 7.77 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF093801.D

Acq: 21 Mar 2017 16:37

Instrument :

BNA_F

ClientSampleId :

SGS47-9-11MS

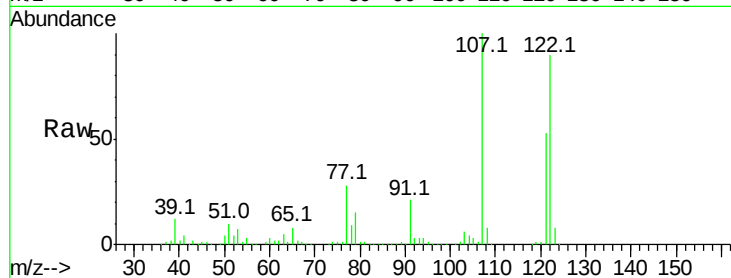
Tot Ion:122 Resp: 548912

Ion Ratio Lower Upper

122 100

107 110.7 89.2 133.8

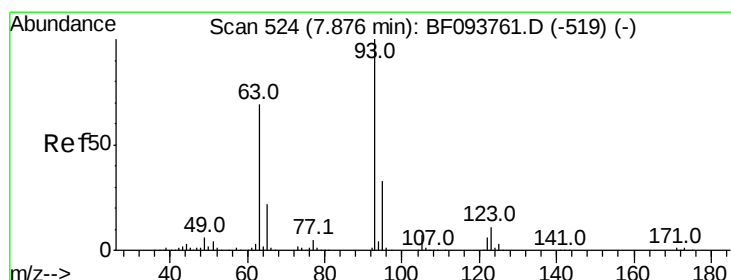
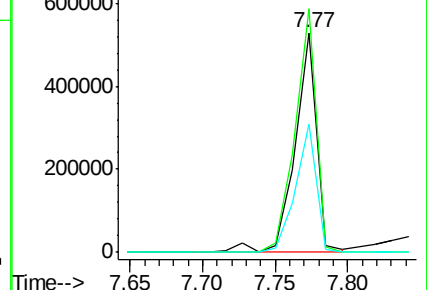
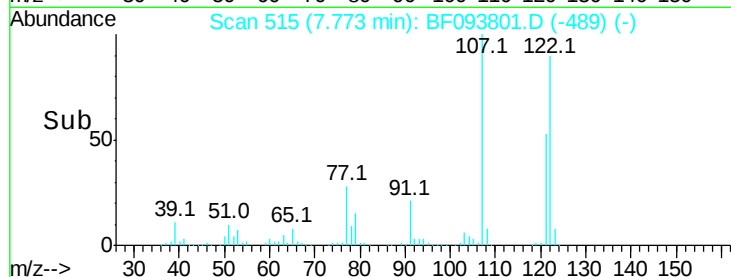
121 58.6 45.2 67.8



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: 37.72 ng

RT: 7.86 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF093801.D

Acq: 21 Mar 2017 16:37

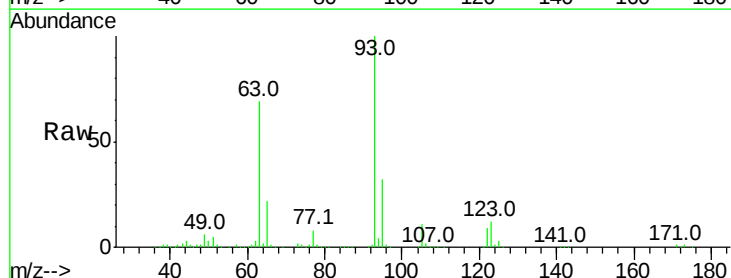
Tgt Ion: 93 Resp: 644771

Ion Ratio Lower Upper

93 100

95 32.4 26.5 39.7

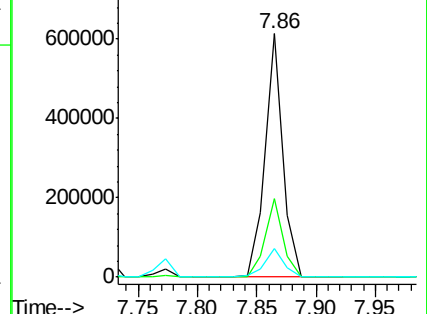
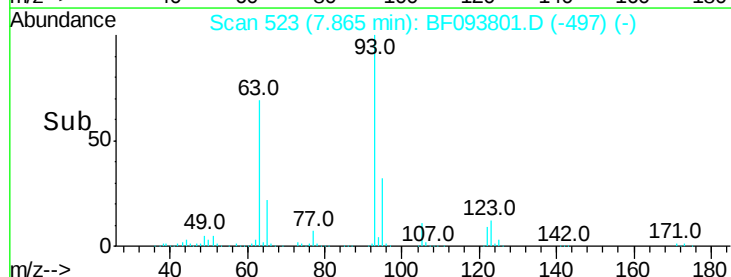
123 11.5 9.0 13.4

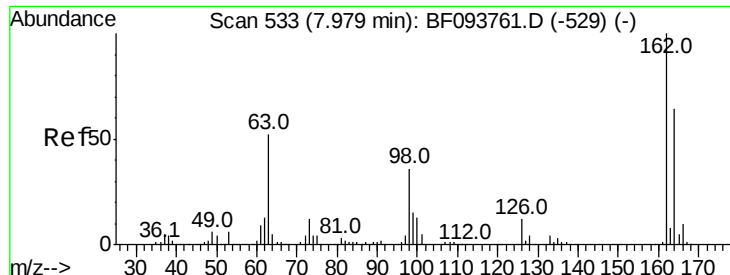


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

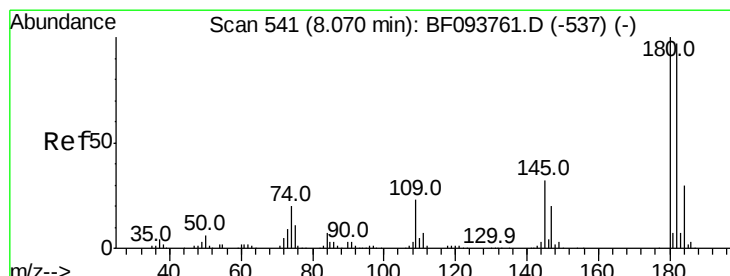
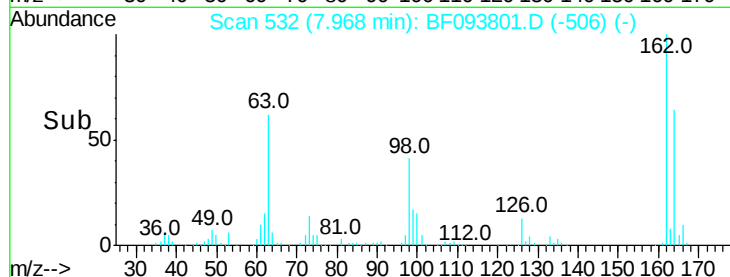
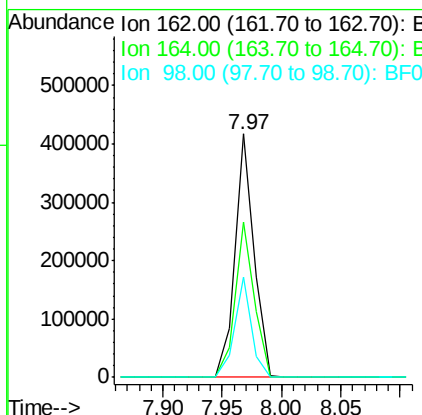
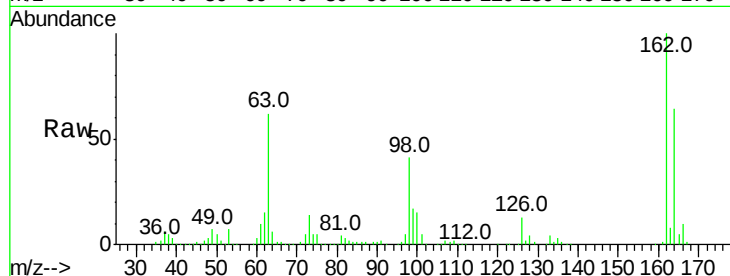




#29
 2,4-Dichlorophenol
 Concen: 41.06 ng
 RT: 7.97 min Scan# 532
 Delta R.T. -0.00 min
 Lab File: BF093801.D
 Acq: 21 Mar 2017 16:37

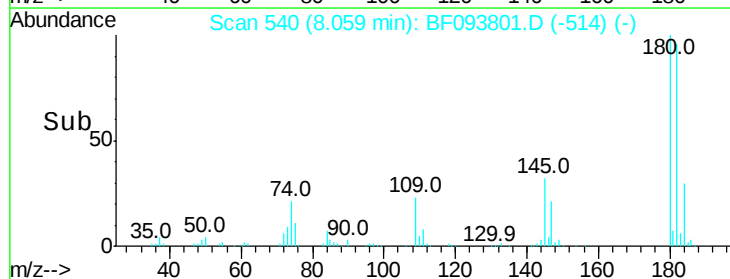
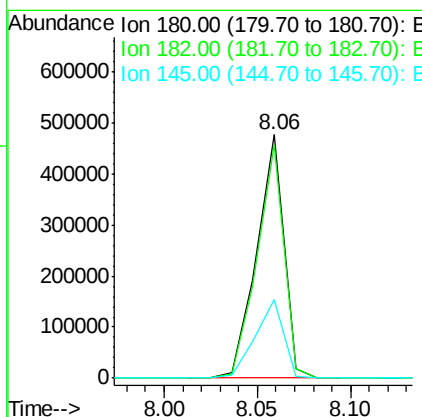
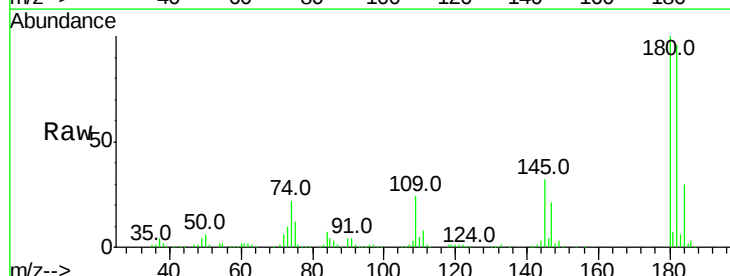
Instrument :
 BNA_F
 ClientSampleID :
 SGS47-9-11MS

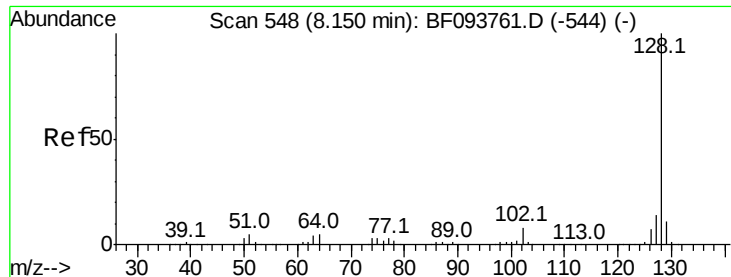
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	44.6	84.6
98	41.1	14.8	54.8



#30
 1,2,4-Trichlorobenzene
 Concen: 40.64 ng
 RT: 8.06 min Scan# 540
 Delta R.T. -0.00 min
 Lab File: BF093801.D
 Acq: 21 Mar 2017 16:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.8	113.6
145	32.3	25.3	37.9

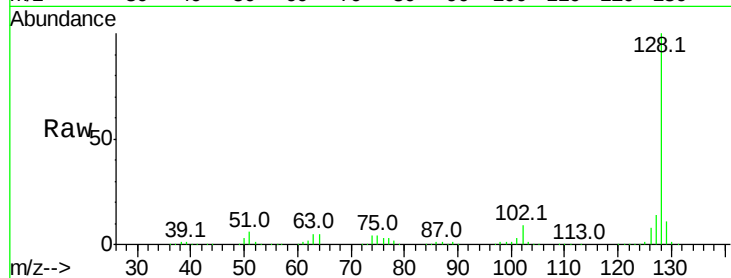




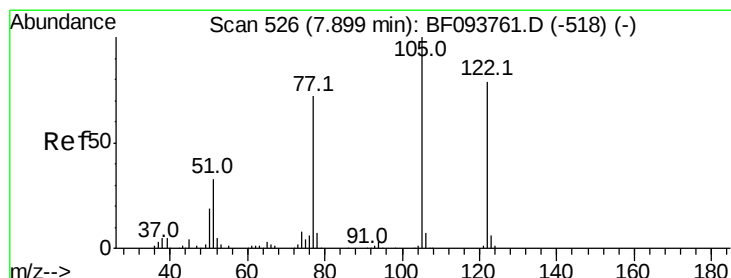
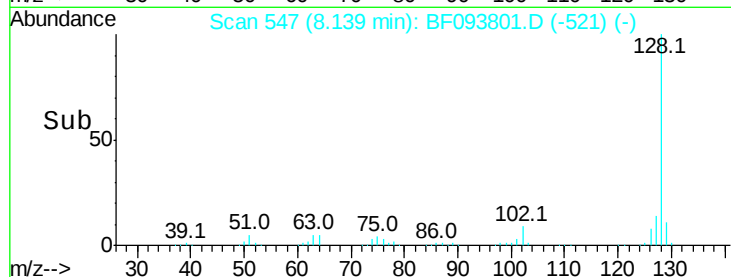
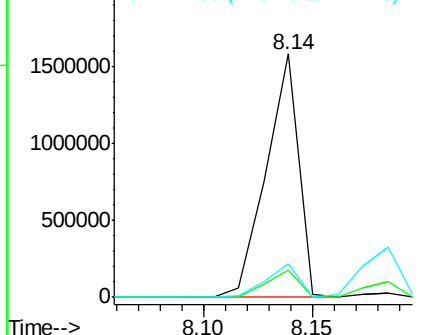
#31
Naphthalene
Concen: 41.83 ng
RT: 8.14 min Scan# 547
Delta R.T. -0.00 min
Lab File: BF093801.D
Acq: 21 Mar 2017 16:37

Instrument :
BNA_F
ClientSampleId :
SGS47-9-11MS

Tot Ion:128 Resp: 1651931
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.6 10.8 16.2

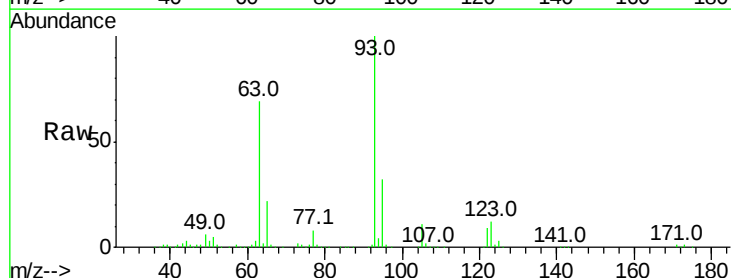


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

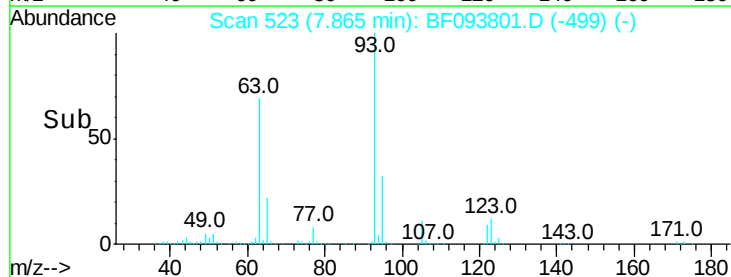
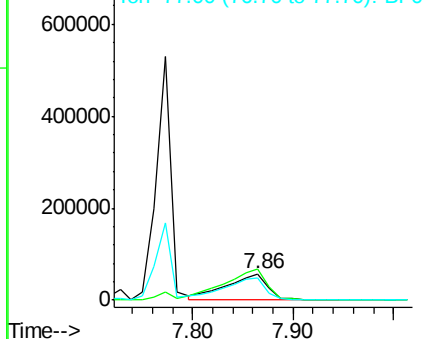


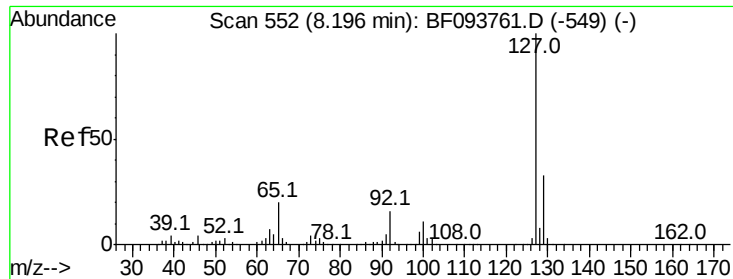
#32
Benzoic acid
Concen: 19.53 ng
RT: 7.86 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF093801.D
Acq: 21 Mar 2017 16:37

Tgt Ion:122 Resp: 161826
Ion Ratio Lower Upper
122 100
105 121.2 103.3 143.3
77 85.7 73.7 113.7



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

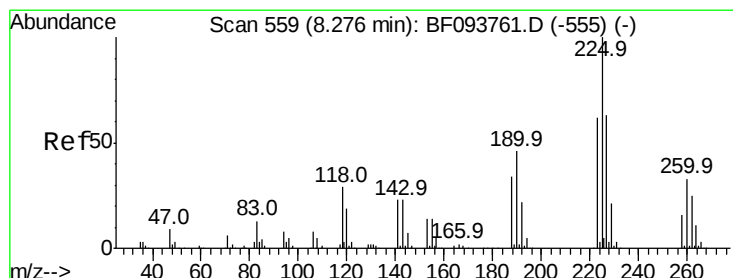
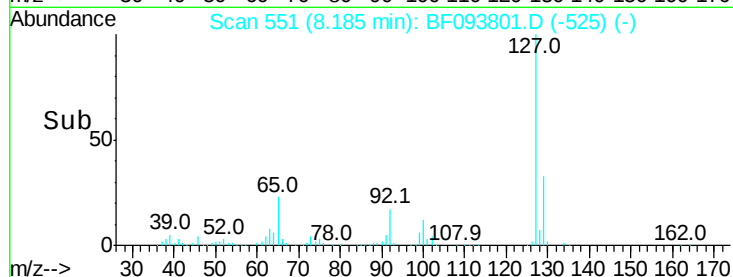
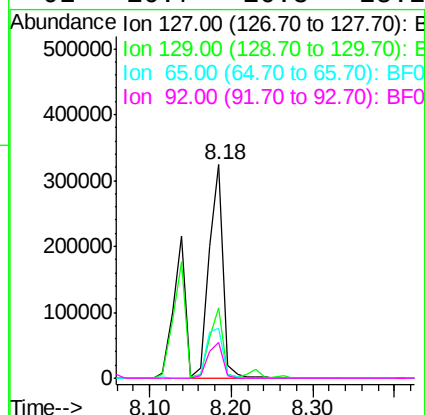
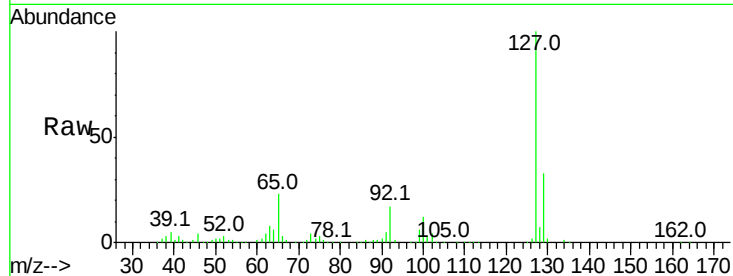




#33
4-Chloroaniline
Concen: 23.20 ng
RT: 8.18 min Scan# 551
Delta R.T. -0.00 min
Lab File: BF093801.D
Acq: 21 Mar 2017 16:37

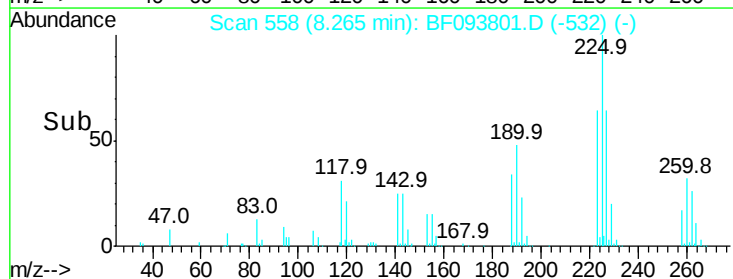
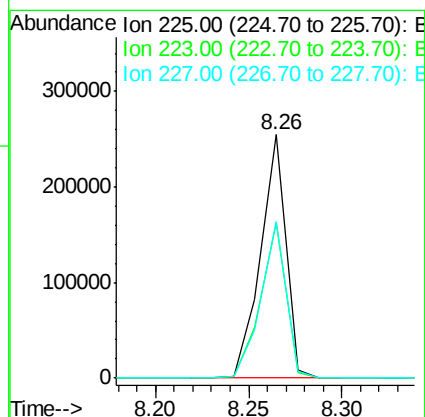
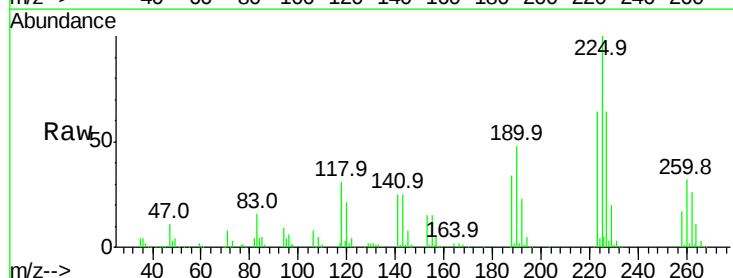
Instrument :
BNA_F
ClientSampleId :
SGS47-9-11MS

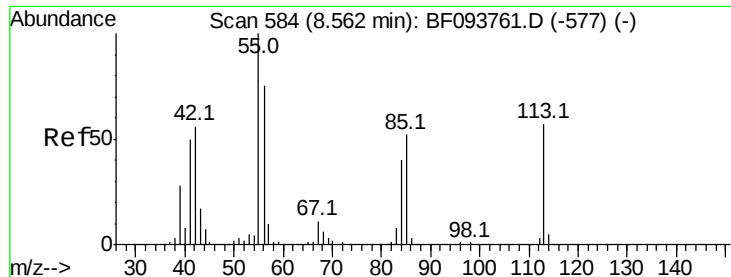
Tot Ion:	127	Resp:	393776
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.2	39.2
65	23.2	27.8	41.8#
92	16.7	16.8	25.2#



#34
Hexachlorobutadiene
Concen: 38.54 ng
RT: 8.26 min Scan# 558
Delta R.T. -0.00 min
Lab File: BF093801.D
Acq: 21 Mar 2017 16:37

Tgt Ion:	225	Resp:	238787
Ion	Ratio	Lower	Upper
225	100		
223	64.0	48.8	73.2
227	64.1	51.1	76.7





#35

Caprolactam

Concen: 33.86 ng

RT: 8.55 min Scan# 583

Delta R.T. -0.00 min

Lab File: BF093801.D

Acq: 21 Mar 2017 16:37

Instrument :

BNA_F

ClientSampleId :

SGS47-9-11MS

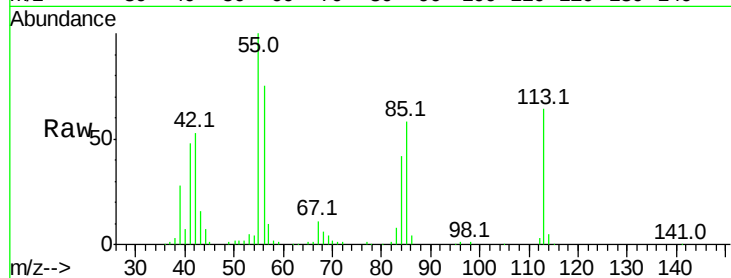
Tot Ion:113 Resp: 120565

Ion Ratio Lower Upper

113 100

55 155.5 150.2 190.2

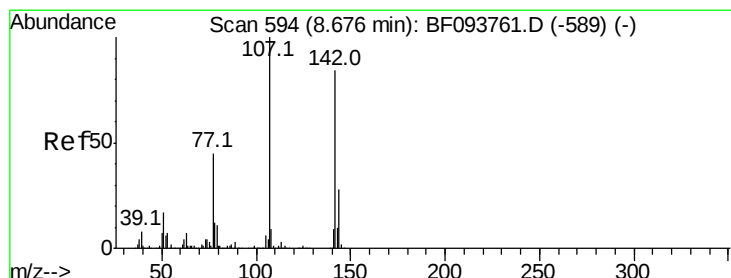
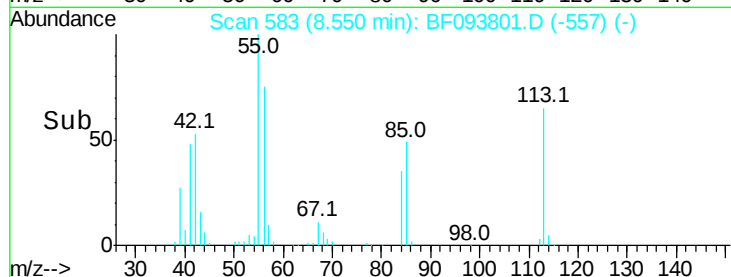
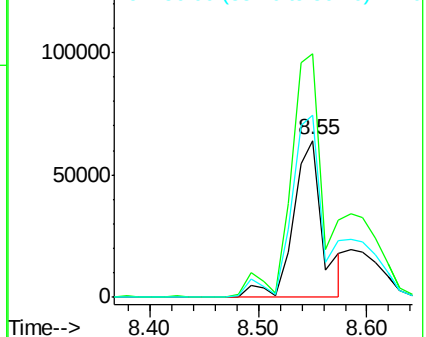
56 116.4 107.8 147.8



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: 41.80 ng

RT: 8.66 min Scan# 593

Delta R.T. -0.00 min

Lab File: BF093801.D

Acq: 21 Mar 2017 16:37

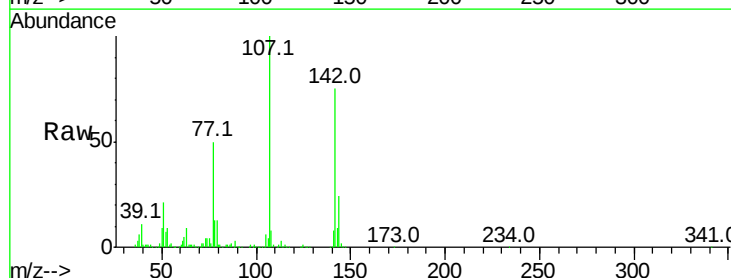
Tgt Ion:107 Resp: 491374

Ion Ratio Lower Upper

107 100

144 24.0 24.2 36.4#

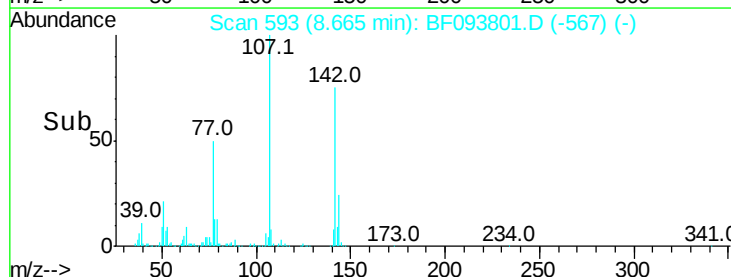
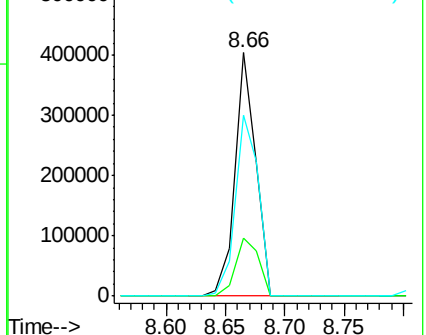
142 74.5 73.4 110.0

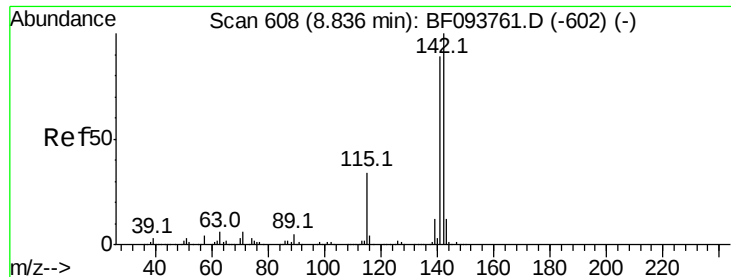


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.48 ng

RT: 8.82 min Scan# 607

Delta R.T. -0.00 min

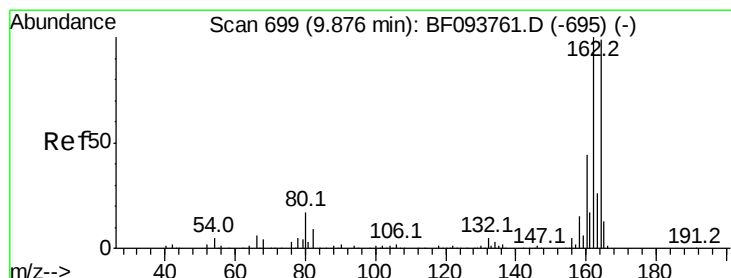
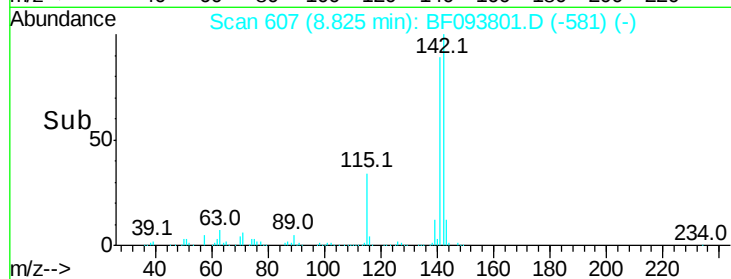
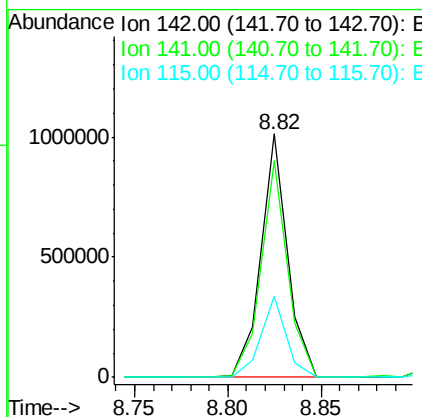
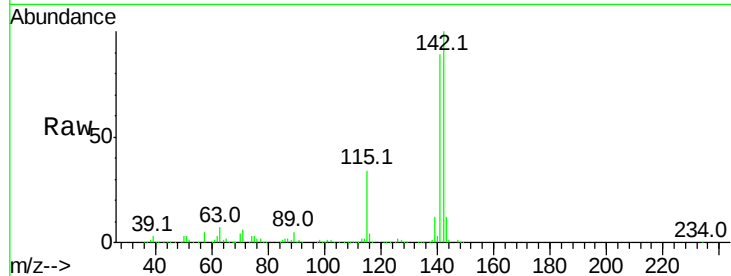
Lab File: BF093801.D

Acq: 21 Mar 2017 16:37

Instrument :
BNA_F
ClientSampleId :
SGS47-9-11MS

Tot Ion:142 Resp: 1017840

Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.3	106.9
115	33.6	27.1	40.7



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 698

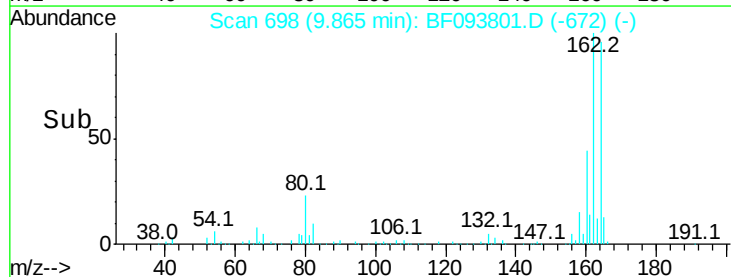
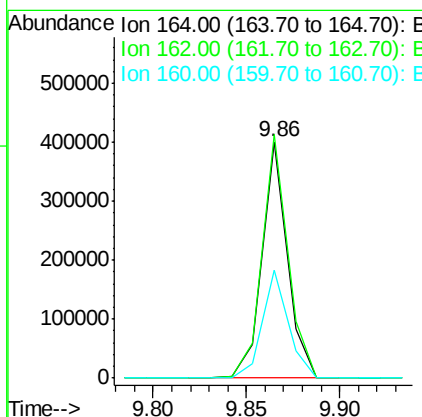
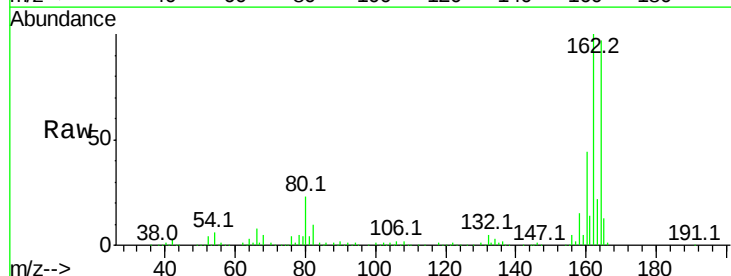
Delta R.T. -0.00 min

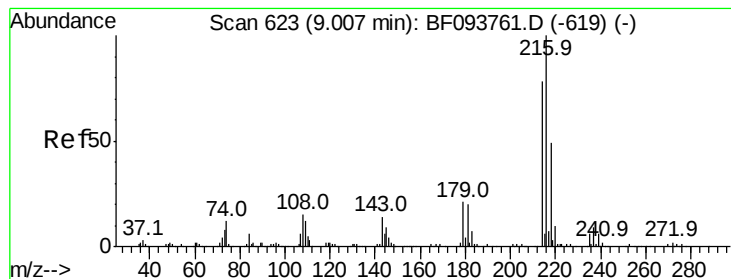
Lab File: BF093801.D

Acq: 21 Mar 2017 16:37

Tgt Ion:164 Resp: 373710

Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.6	123.8
160	45.4	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.57 ng

RT: 9.00 min Scan# 622

Delta R.T. -0.00 min

Lab File: BF093801.D

Acq: 21 Mar 2017 16:37

Instrument :

BNA_F

ClientSampleId :

SGS47-9-11MS

Tot Ion:216 Resp: 391682

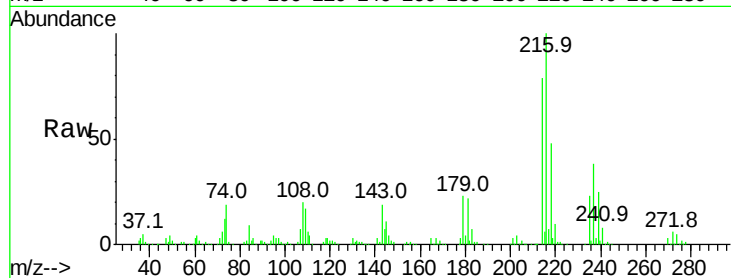
Ion Ratio Lower Upper

216 100

214 79.1 63.4 95.2

179 23.1 17.9 26.9

108 24.2 16.5 24.7

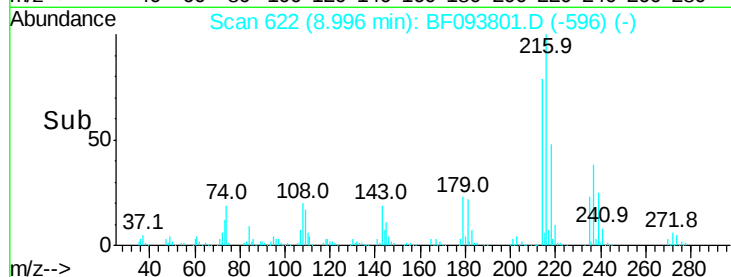


Abundance Ion 216.00 (215.70 to 216.70): E

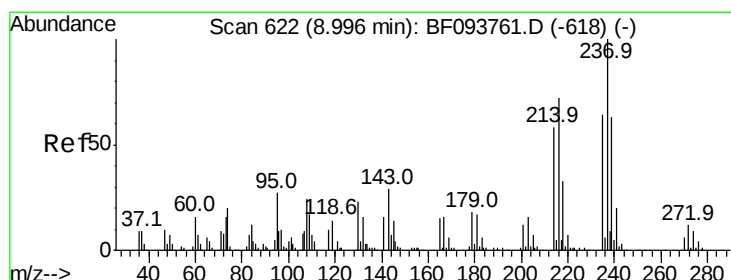
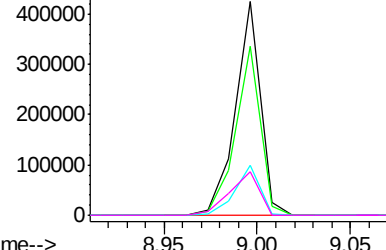
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 68.30 ng

RT: 8.98 min Scan# 621

Delta R.T. -0.00 min

Lab File: BF093801.D

Acq: 21 Mar 2017 16:37

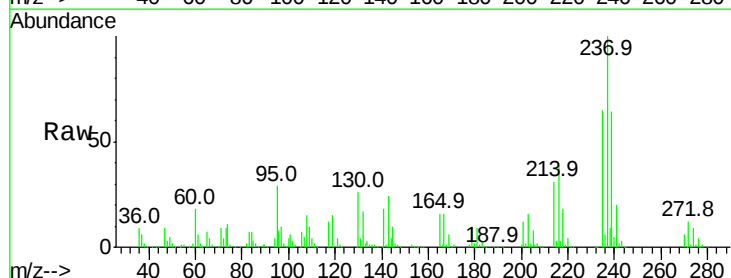
Tgt Ion:237 Resp: 341049

Ion Ratio Lower Upper

237 100

235 65.0 42.6 82.6

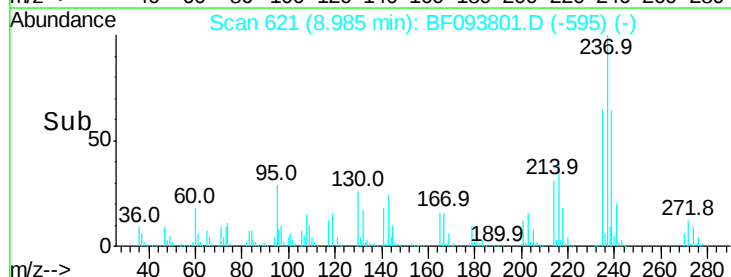
272 11.7 0.0 31.9



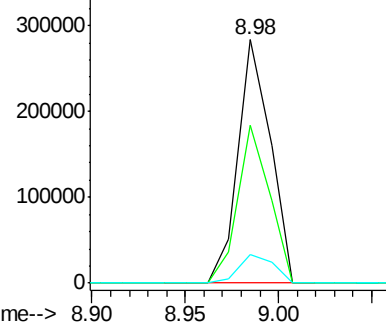
Abundance Ion 236.80 (236.50 to 237.50): E

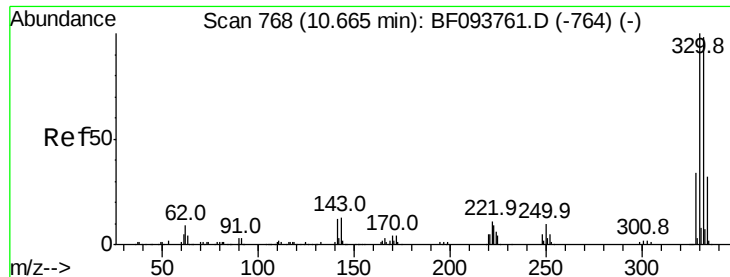
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

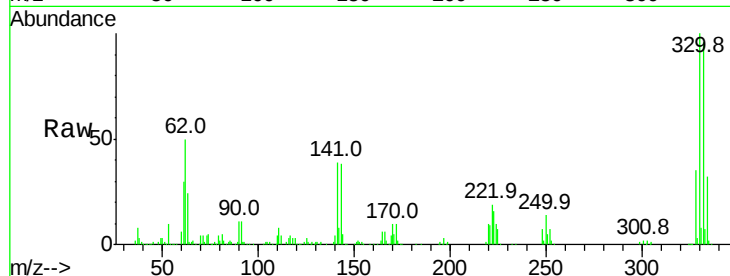




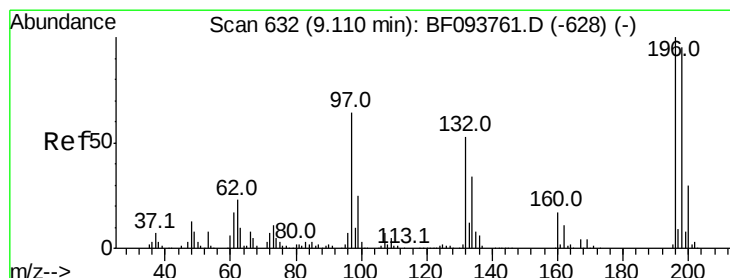
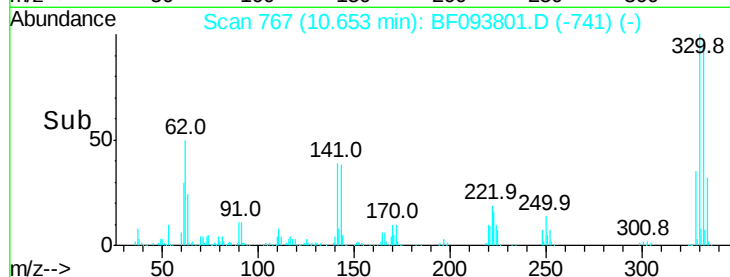
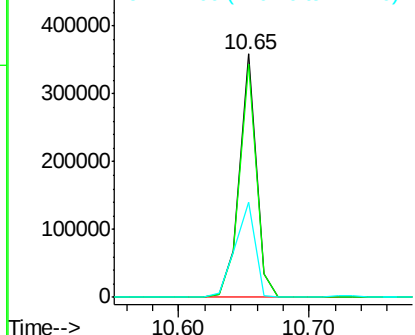
#41
 2,4,6-Tribromophenol
 Concen: 111.12 ng
 RT: 10.65 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BF093801.D
 Acq: 21 Mar 2017 16:37

Instrument :
 BNA_F
 ClientSampleId :
 SGS47-9-11MS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	115.0
141	46.2	31.4	47.2

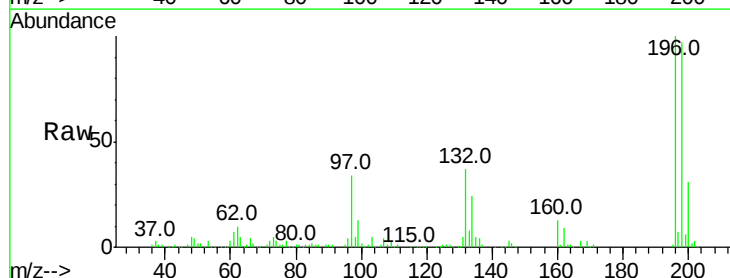


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

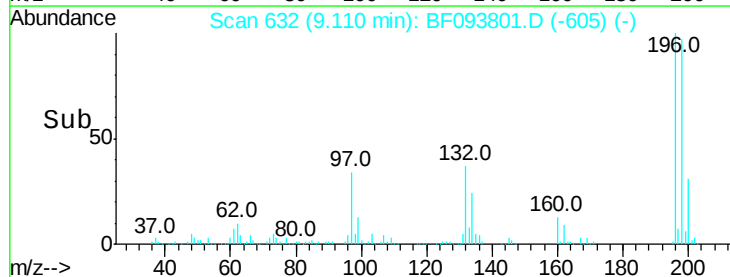
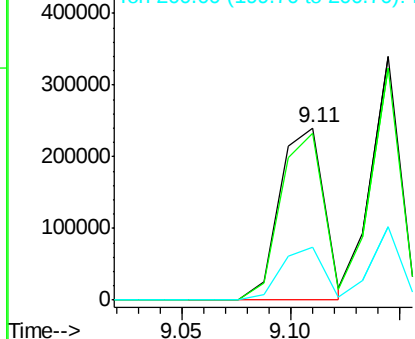


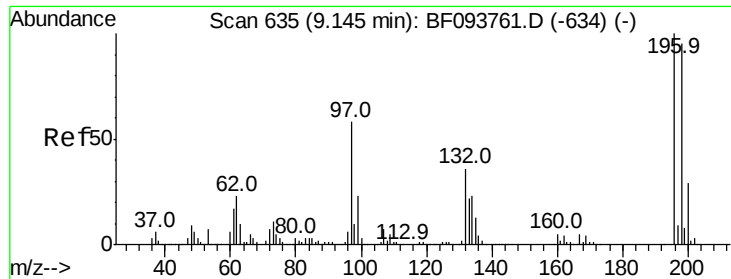
#42
 2,4,6-Trichlorophenol
 Concen: 47.59 ng
 RT: 9.11 min Scan# 632
 Delta R.T. 0.01 min
 Lab File: BF093801.D
 Acq: 21 Mar 2017 16:37

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.6	74.2	111.4
200	31.0	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

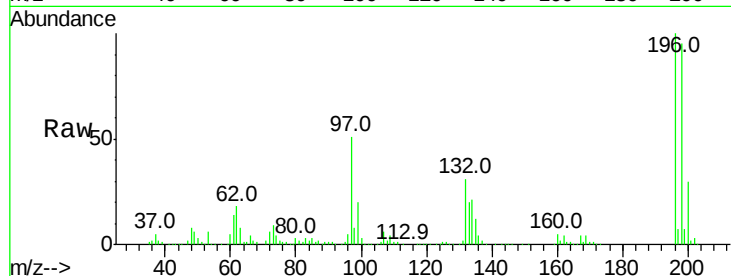




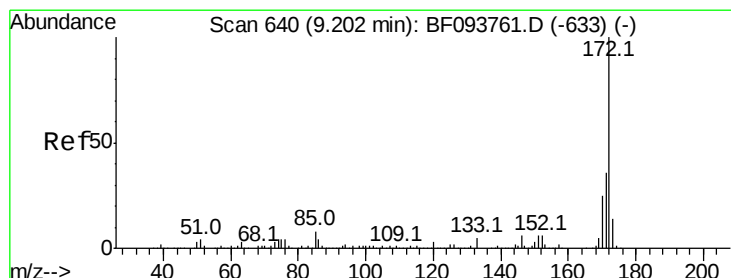
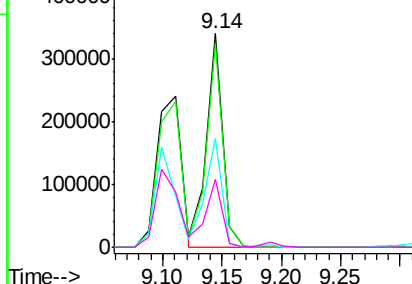
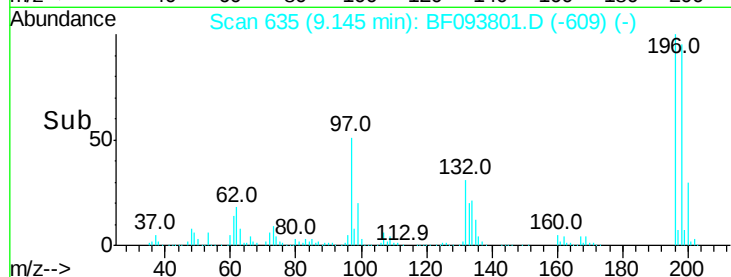
#43
 2,4,5-Trichlorophenol
 Concen: 43.33 ng
 RT: 9.14 min Scan# 635
 Delta R.T. -0.00 min
 Lab File: BF093801.D
 Acq: 21 Mar 2017 16:37

Instrument :
 BNA_F
 ClientSampleId :
 SGS47-9-11MS

Tot Ion:196 Resp: 323178
 Ion Ratio Lower Upper
 196 100
 198 95.2 75.7 113.5
 97 50.8 47.7 71.5
 132 31.5 28.0 42.0

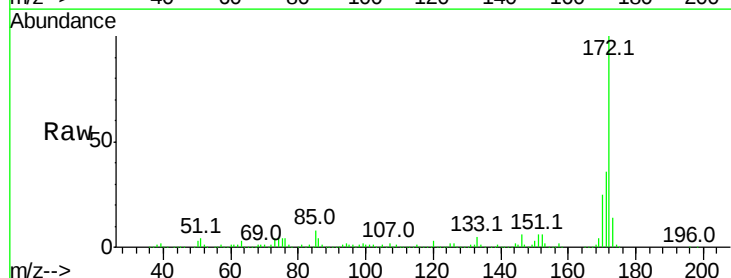


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

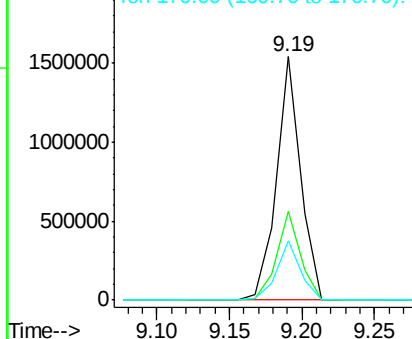
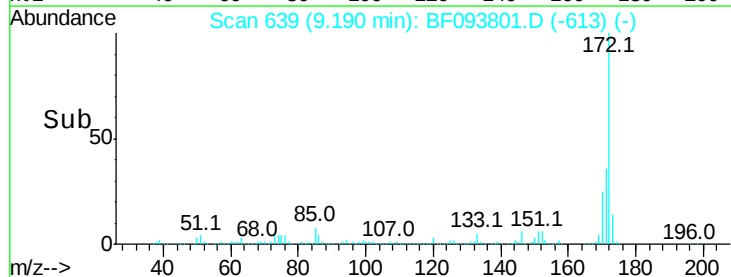


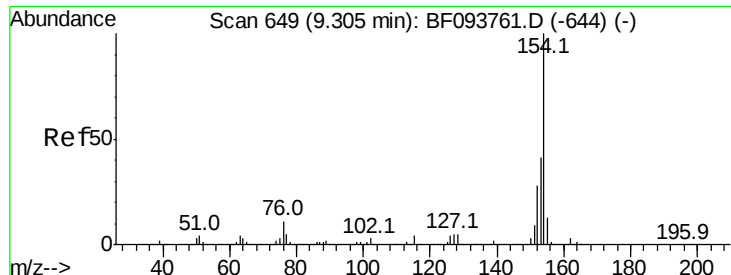
#44
 2-Fluorobiphenyl
 Concen: 79.71 ng
 RT: 9.19 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF093801.D
 Acq: 21 Mar 2017 16:37

Tgt Ion:172 Resp: 1771372
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 24.5 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: 41.49 ng

RT: 9.29 min Scan# 648

Delta R.T. -0.00 min

Lab File: BF093801.D

Acq: 21 Mar 2017 16:37

Instrument :

BNA_F

ClientSampleId :

SGS47-9-11MS

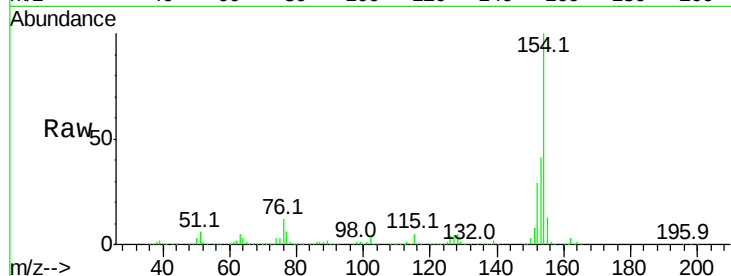
Tot Ion:154 Resp: 1260103

Ion Ratio Lower Upper

154 100

153 41.5 21.2 61.2

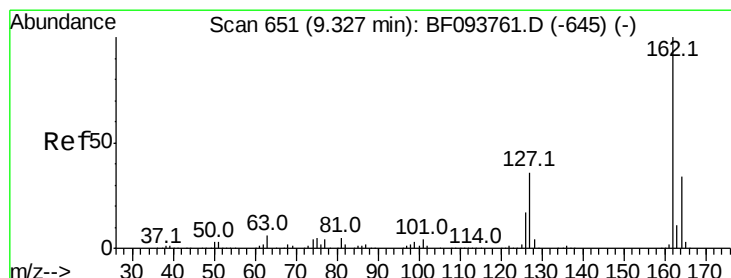
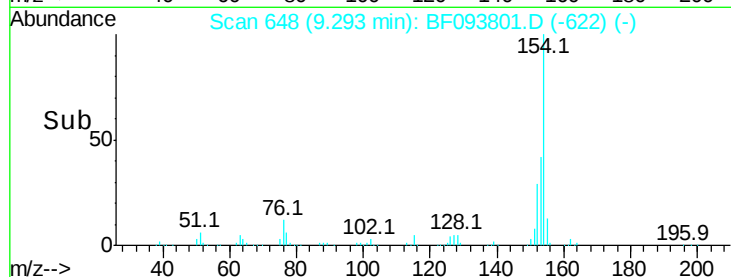
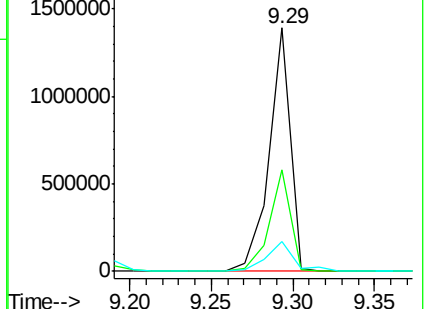
76 12.4 0.0 29.9



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: 43.46 ng

RT: 9.32 min Scan# 650

Delta R.T. -0.00 min

Lab File: BF093801.D

Acq: 21 Mar 2017 16:37

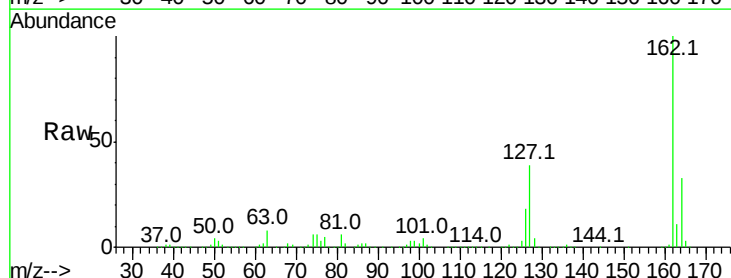
Tgt Ion:162 Resp: 1012041

Ion Ratio Lower Upper

162 100

127 39.3 28.3 42.5

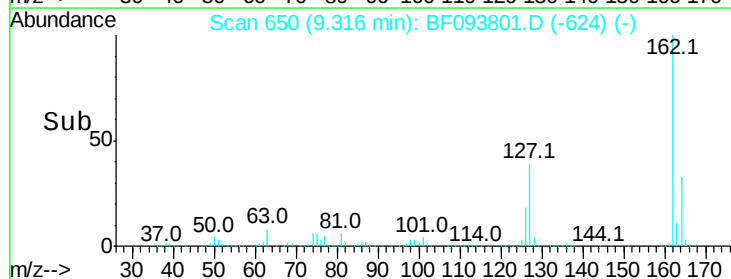
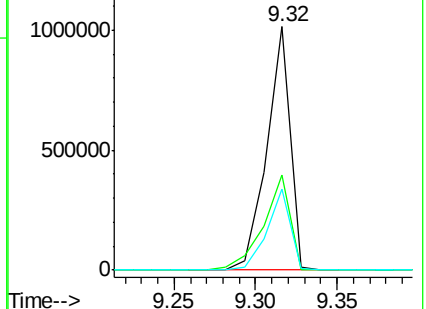
164 33.4 27.0 40.4

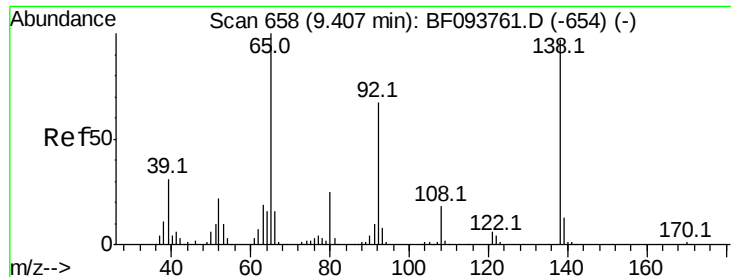


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 50.58 ng

RT: 9.41 min Scan# 658

Delta R.T. -0.00 min

Lab File: BF093801.D

Acq: 21 Mar 2017 16:37

Instrument :

BNA_F

ClientSampleId :

SGS47-9-11MS

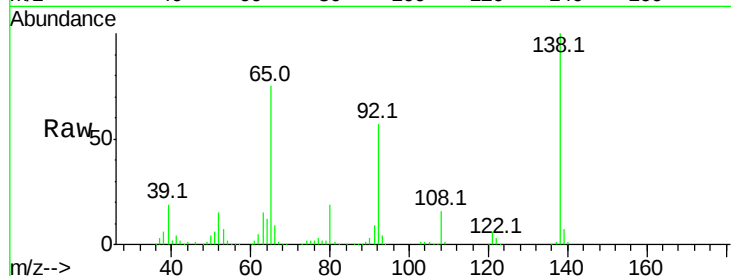
Tot Ion: 65 Resp: 328980

Ion Ratio Lower Upper

65 100

92 76.7 53.9 80.9

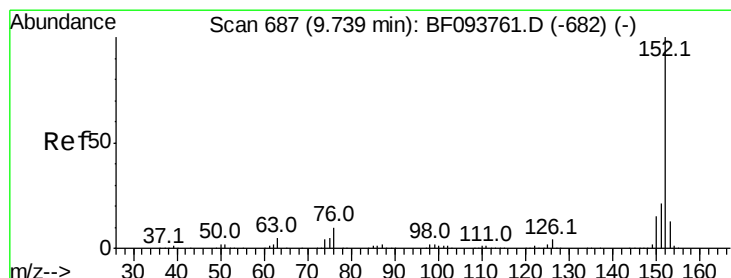
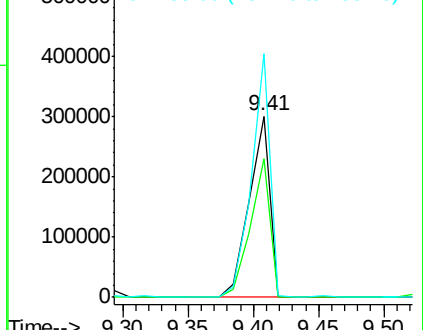
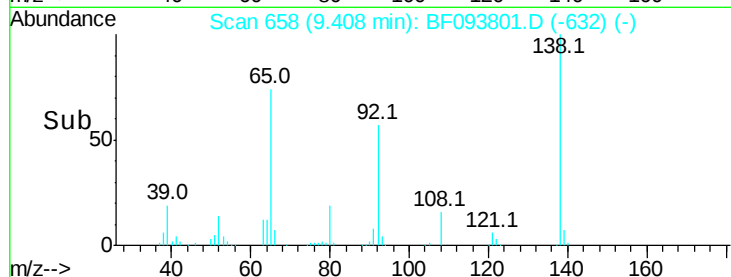
138 134.2 78.8 118.2#



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: 39.41 ng

RT: 9.73 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF093801.D

Acq: 21 Mar 2017 16:37

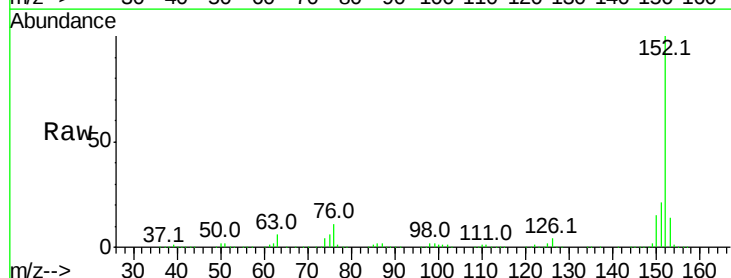
Tgt Ion: 152 Resp: 1493471

Ion Ratio Lower Upper

152 100

151 20.7 16.8 25.2

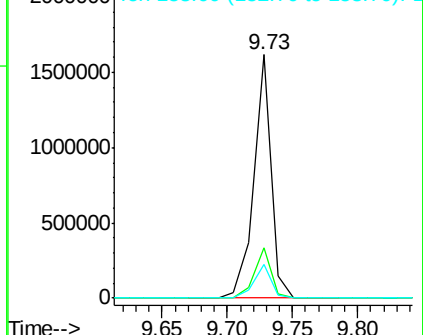
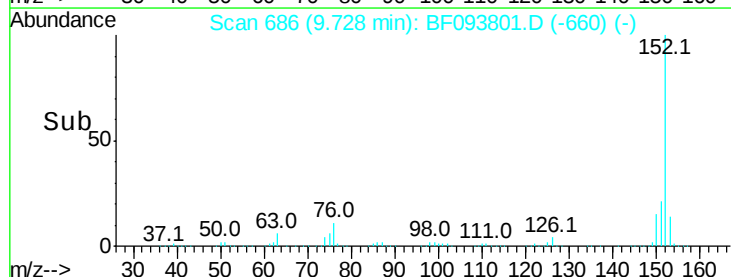
153 13.6 10.8 16.2

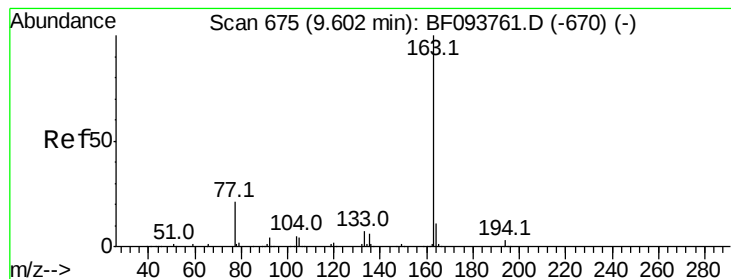


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 51.29 ng

RT: 9.59 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF093801.D

Acq: 21 Mar 2017 16:37

Instrument :

BNA_F

ClientSampleId :

SGS47-9-11MS

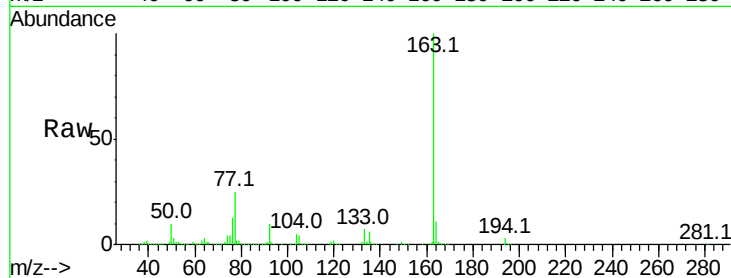
Tot Ion:163 Resp: 1364161

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

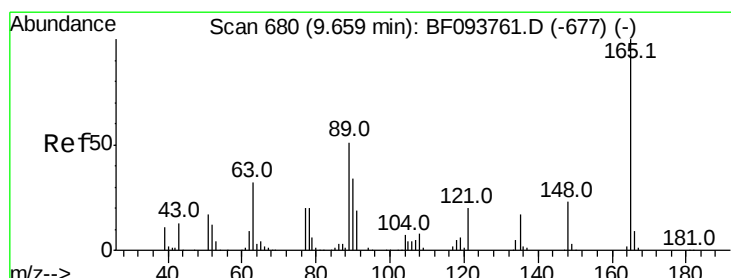
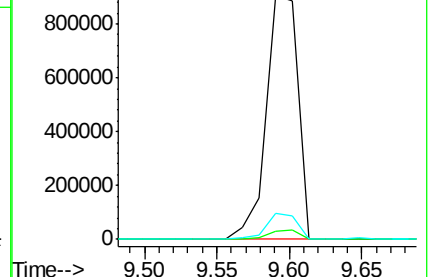
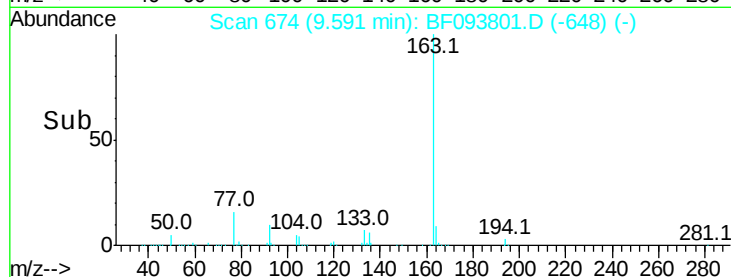
164 10.7 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 40.80 ng

RT: 9.65 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF093801.D

Acq: 21 Mar 2017 16:37

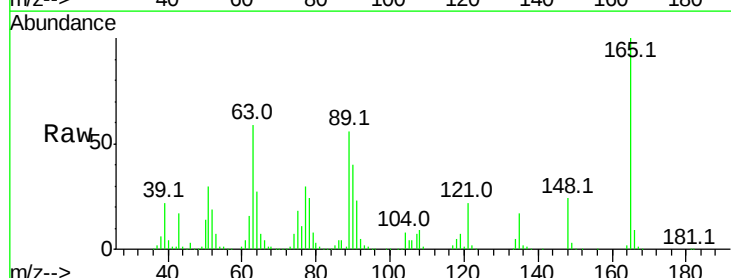
Tgt Ion:165 Resp: 238250

Ion Ratio Lower Upper

165 100

63 59.2 34.3 51.5#

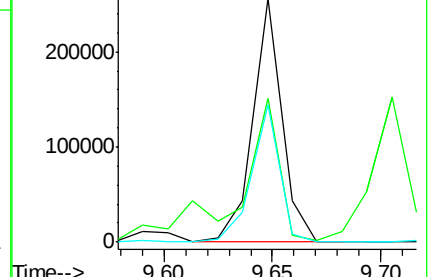
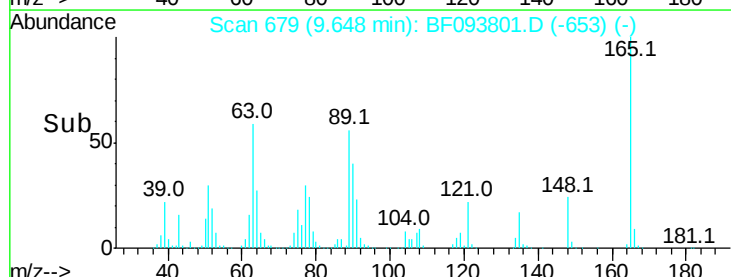
89 56.4 37.1 55.7#

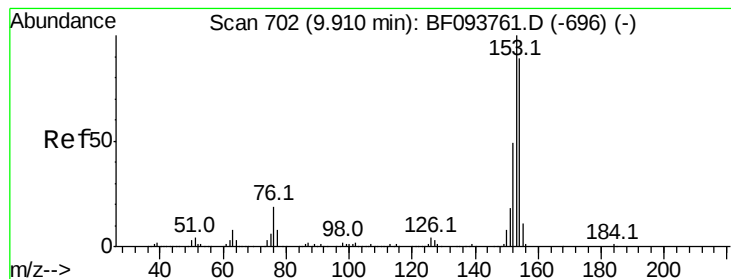


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.45 ng

RT: 9.90 min Scan# 701

Delta R.T. -0.00 min

Lab File: BF093801.D

Acq: 21 Mar 2017 16:37

Instrument :

BNA_F

ClientSampleId :

SGS47-9-11MS

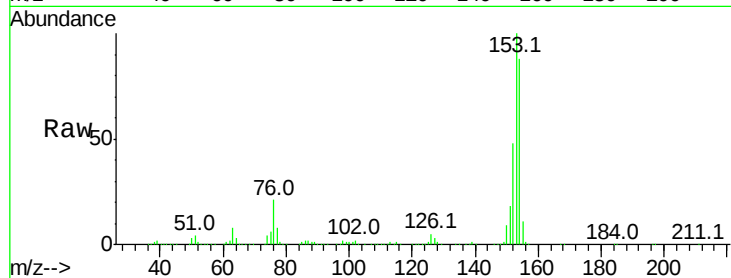
Tot Ion:154 Resp: 938207

Ion Ratio Lower Upper

154 100

153 113.5 90.5 135.7

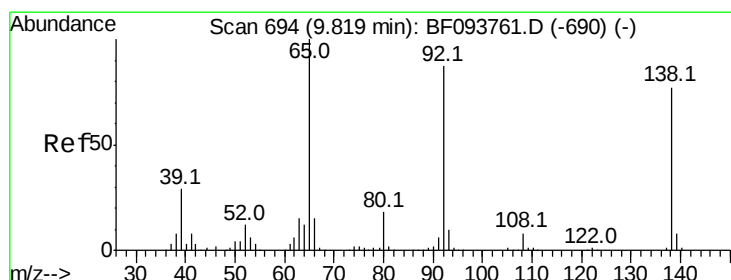
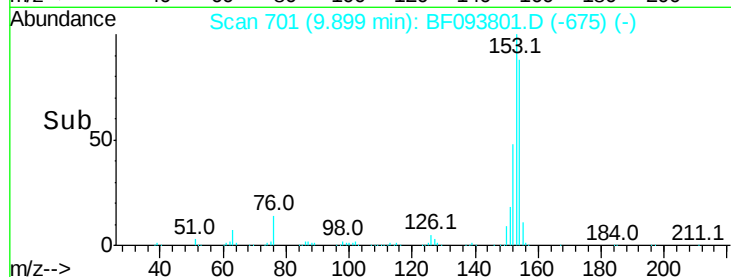
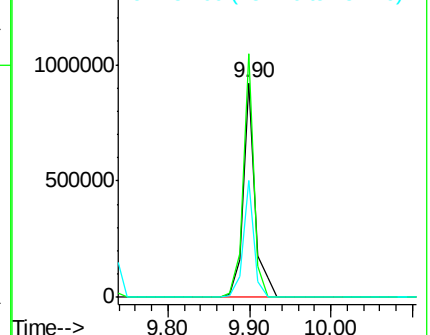
152 54.7 43.6 65.4



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: 30.62 ng

RT: 9.81 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF093801.D

Acq: 21 Mar 2017 16:37

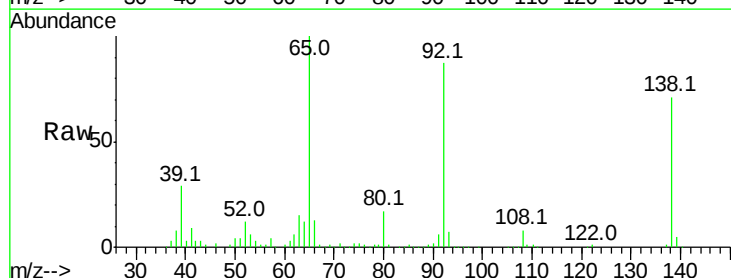
Tgt Ion:138 Resp: 214639

Ion Ratio Lower Upper

138 100

108 11.1 9.1 13.7

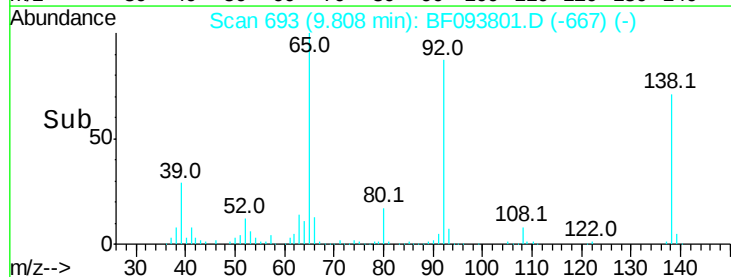
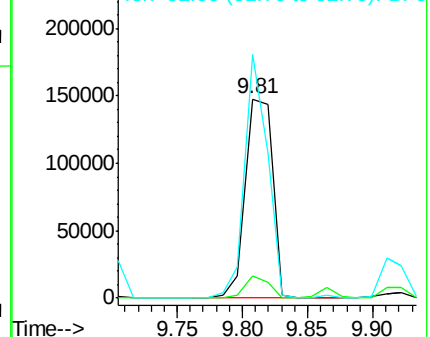
92 122.5 93.8 140.6

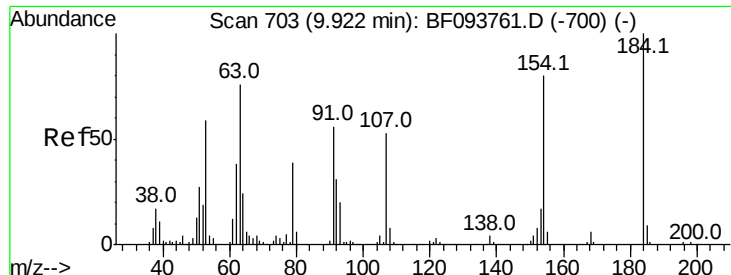


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

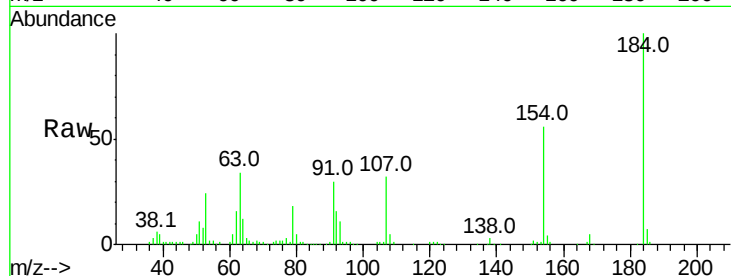




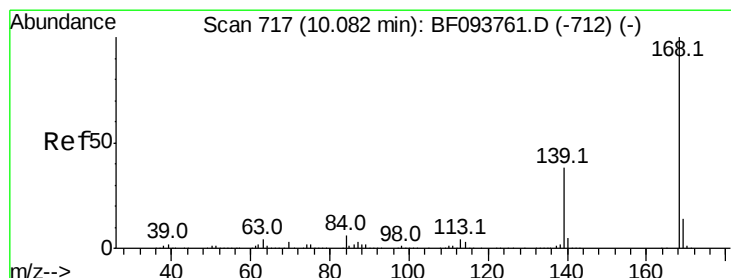
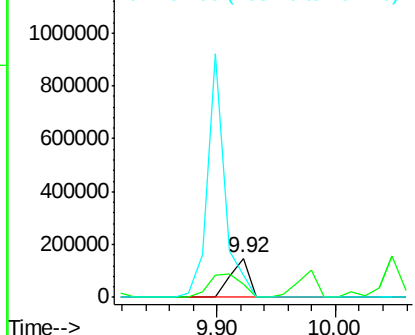
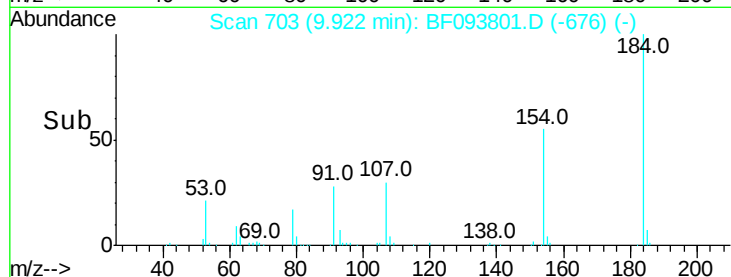
#53
2,4-Dinitrophenol
Concen: 71.02 ng
RT: 9.92 min Scan# 703
Delta R.T. 0.01 min
Lab File: BF093801.D
Acq: 21 Mar 2017 16:37

Instrument :
BNA_F
ClientSampleId :
SGS47-9-11MS

Tot Ion:184 Resp: 162773
Ion Ratio Lower Upper
184 100
63 34.1 62.7 94.1#
154 55.7 81.1 121.7#

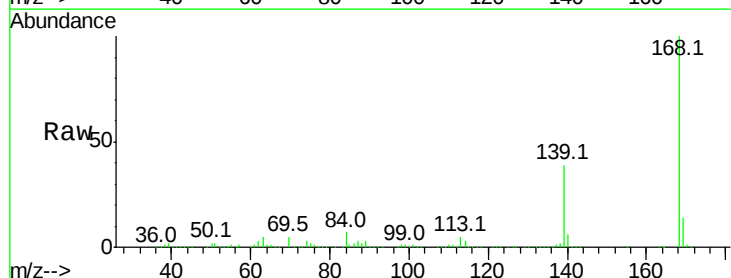


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

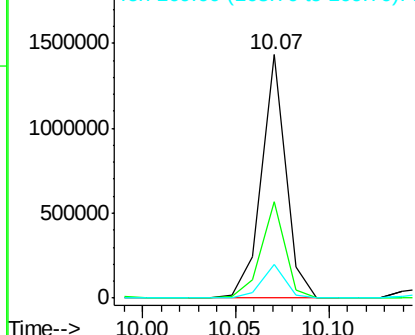
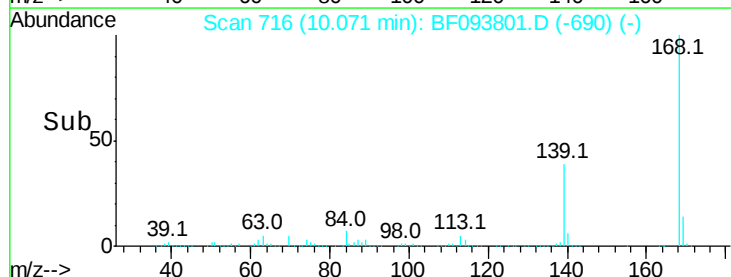


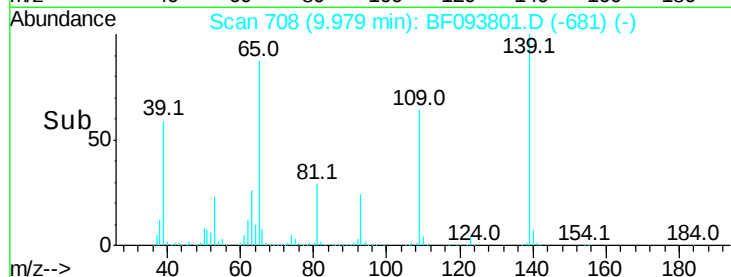
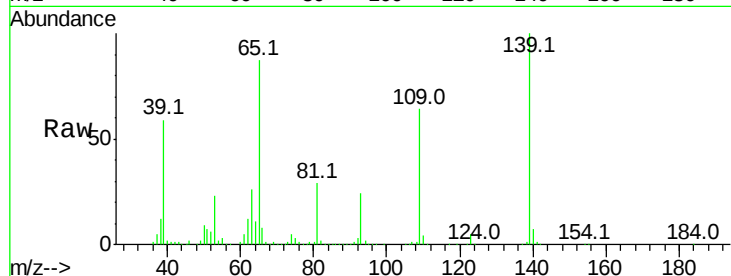
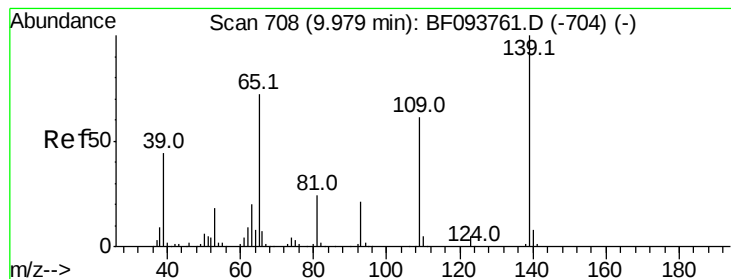
#54
Dibenzofuran
Concen: 42.31 ng
RT: 10.07 min Scan# 716
Delta R.T. -0.00 min
Lab File: BF093801.D
Acq: 21 Mar 2017 16:37

Tgt Ion:168 Resp: 1288701
Ion Ratio Lower Upper
168 100
139 39.4 30.6 45.8
169 13.8 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: 83.25 ng

RT: 9.98 min Scan# 708

Delta R.T. 0.01 min

Lab File: BF093801.D

Acq: 21 Mar 2017 16:37

Instrument :

BNA_F

ClientSampleId :

SGS47-9-11MS

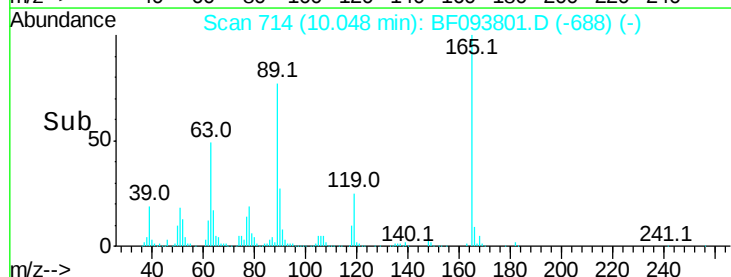
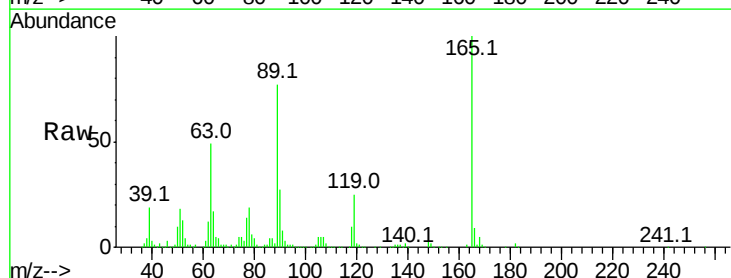
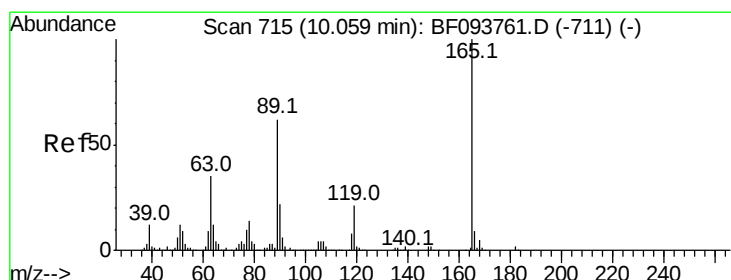
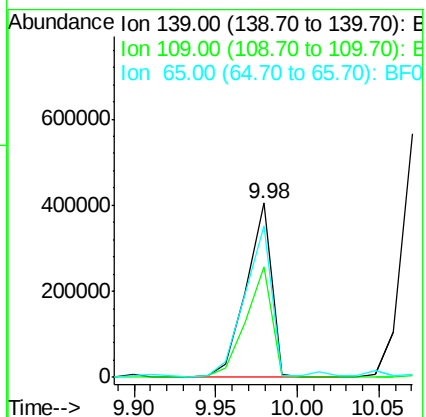
Tot Ion:139 Resp: 438254

Ion Ratio Lower Upper

139 100

109 63.8 34.1 74.1

65 87.1 31.4 71.4#



#56

2,4-Dinitrotoluene

Concen: 42.01 ng

RT: 10.05 min Scan# 714

Delta R.T. -0.00 min

Lab File: BF093801.D

Acq: 21 Mar 2017 16:37

Tgt Ion:165 Resp: 311418

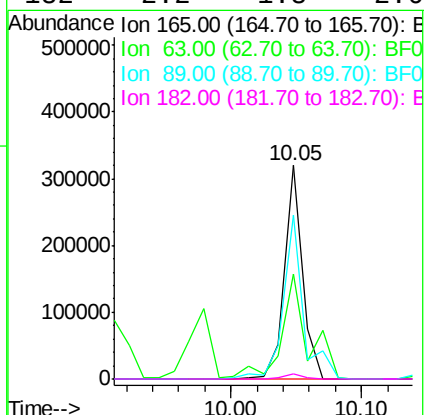
Ion Ratio Lower Upper

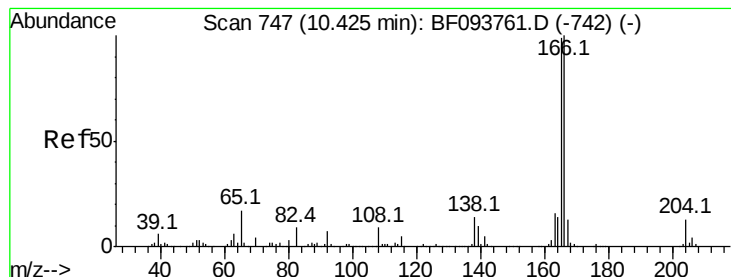
165 100

63 49.2 25.4 38.0#

89 77.0 46.4 69.6#

182 2.2 1.8 2.6





#57

Fluorene

Concen: 40.10 ng

RT: 10.41 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF093801.D

Acq: 21 Mar 2017 16:37

Instrument :

BNA_F

ClientSampleId :

SGS47-9-11MS

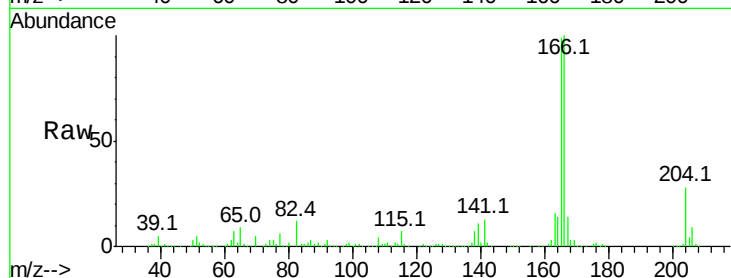
Tot Ion:166 Resp: 935398

Ion Ratio Lower Upper

166 100

165 98.8 78.8 118.2

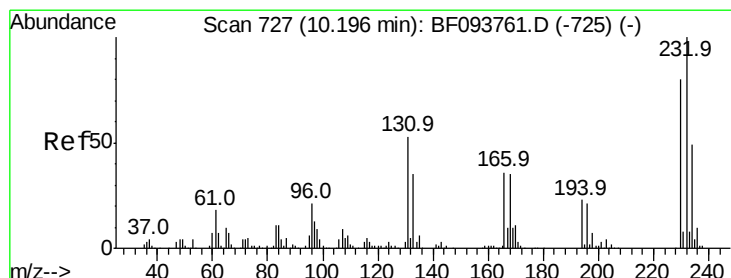
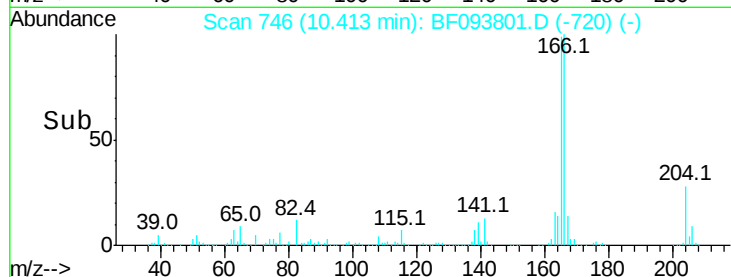
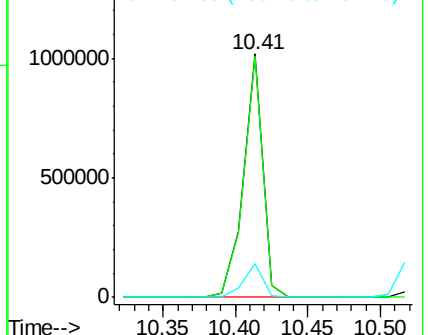
167 13.7 10.6 16.0



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: 45.99 ng

RT: 10.18 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF093801.D

Acq: 21 Mar 2017 16:37

Tgt Ion:232 Resp: 235659

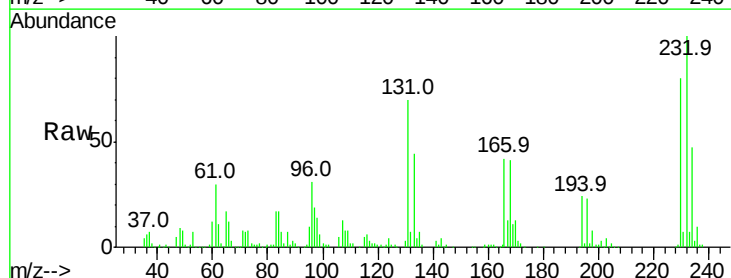
Ion Ratio Lower Upper

232 100

131 52.5 44.8 67.2

130 2.7 2.3 3.5

166 33.5 29.0 43.4

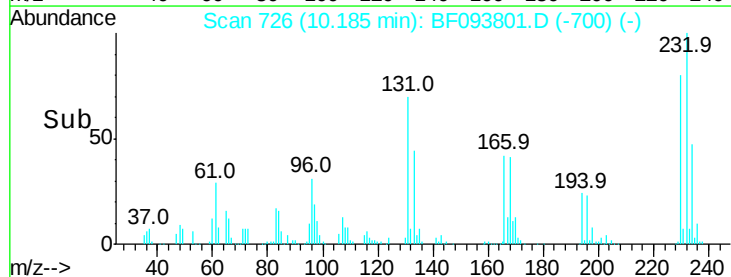
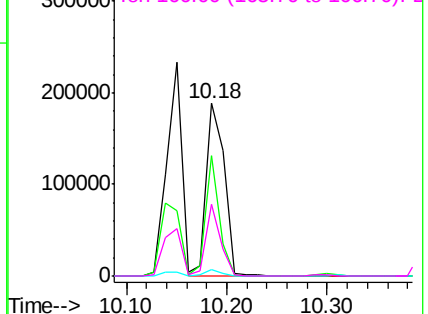


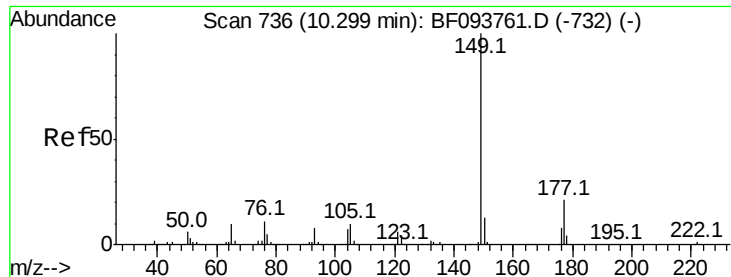
Abundance Ion 232.00 (231.70 to 232.70): E

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

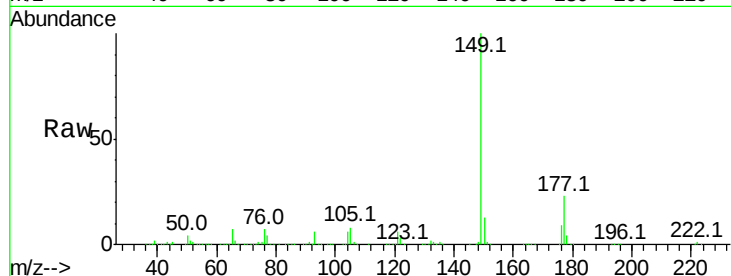




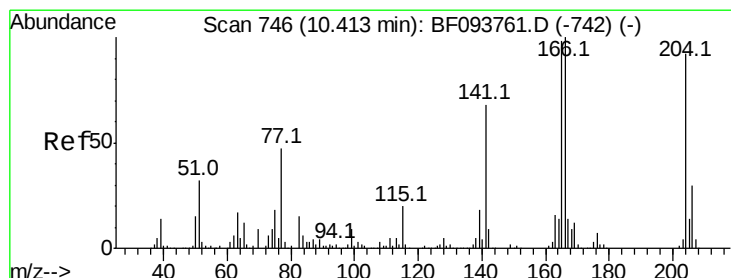
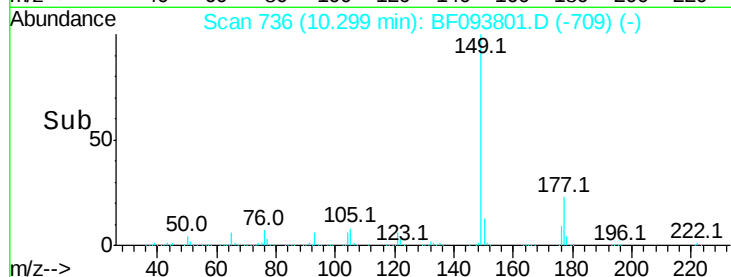
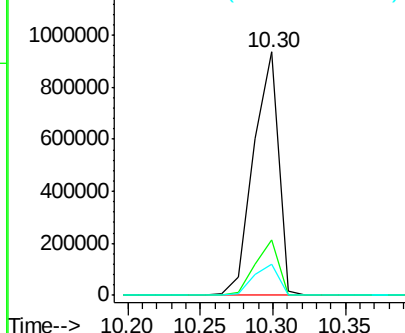
#59
Diethylphthalate
Concen: 43.12 ng
RT: 10.30 min Scan# 736
Delta R.T. 0.01 min
Lab File: BF093801.D
Acq: 21 Mar 2017 16:37

Instrument :
BNA_F
ClientSampleId :
SGS47-9-11MS

Tot Ion:149 Resp: 1117779
Ion Ratio Lower Upper
149 100
177 23.0 16.7 25.1
150 12.6 10.2 15.2

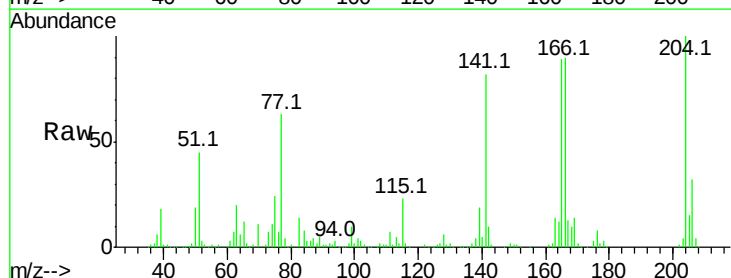


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

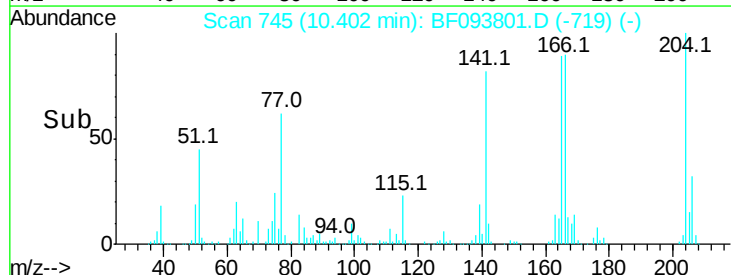
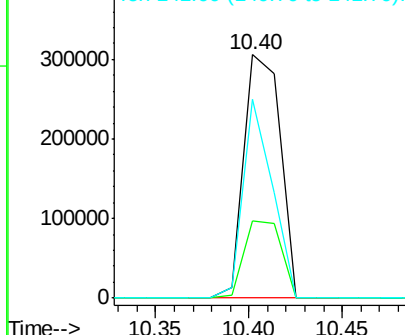


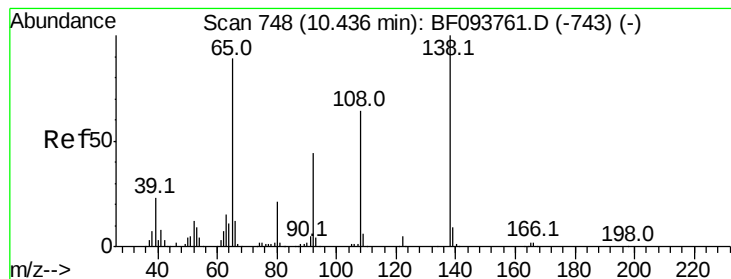
#60
4-Chlorophenyl-phenylether
Concen: 42.09 ng
RT: 10.40 min Scan# 745
Delta R.T. -0.00 min
Lab File: BF093801.D
Acq: 21 Mar 2017 16:37

Tgt Ion:204 Resp: 413865
Ion Ratio Lower Upper
204 100
206 31.9 26.2 39.2
141 81.6 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: 38.53 ng

RT: 10.42 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF093801.D

Acq: 21 Mar 2017 16:37

Instrument :

BNA_F

ClientSampleId :

SGS47-9-11MS

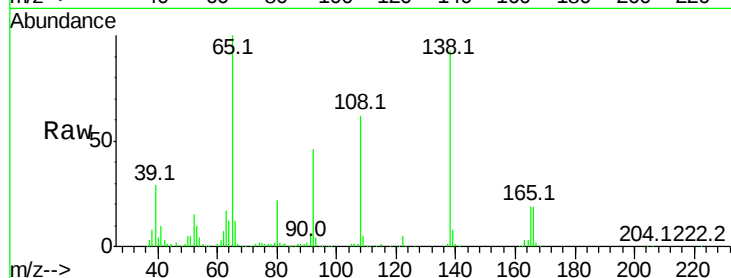
Tot Ion:138 Resp: 241557

Ion Ratio Lower Upper

138 100

92 49.3 21.8 61.8

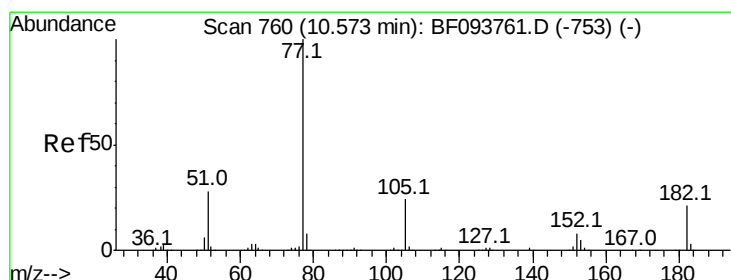
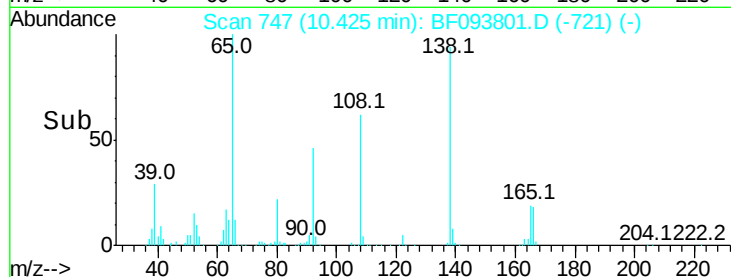
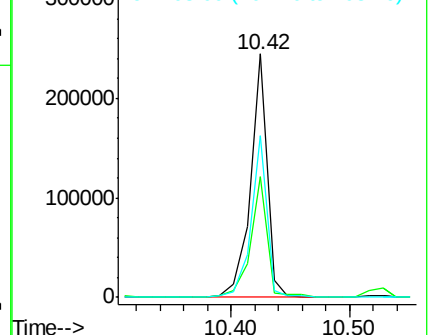
108 66.5 42.3 82.3



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: 45.17 ng

RT: 10.56 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF093801.D

Acq: 21 Mar 2017 16:37

Tgt Ion: 77 Resp: 1158108

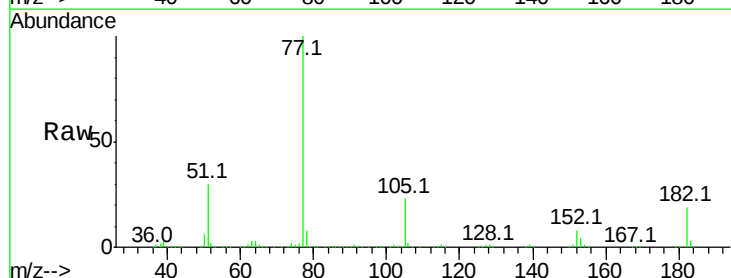
Ion Ratio Lower Upper

77 100

182 19.1 0.1 40.1

105 23.1 3.6 43.6

51 29.6 9.4 49.4

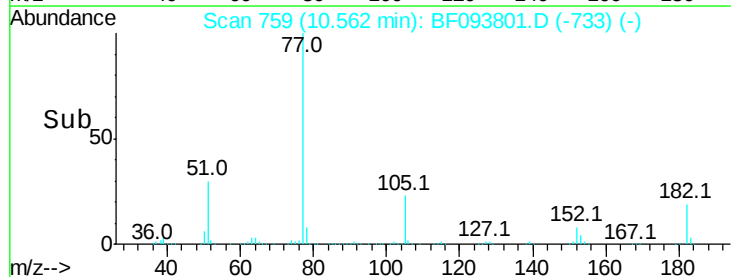
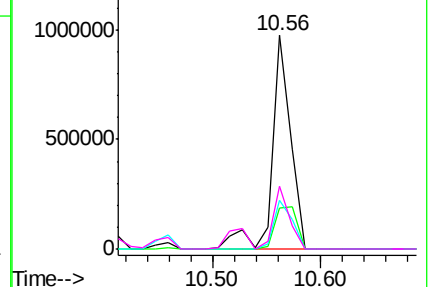


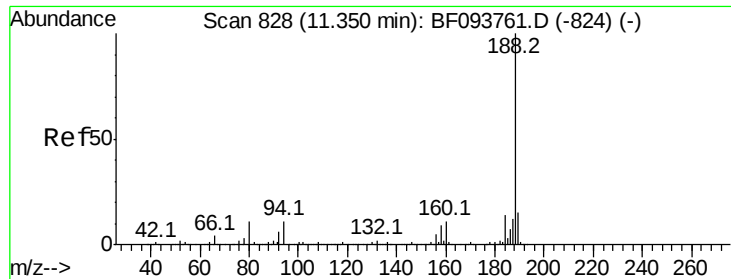
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

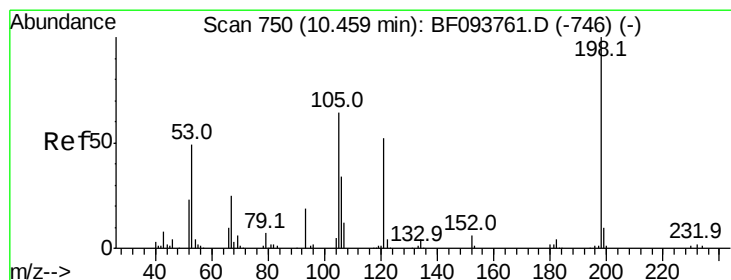
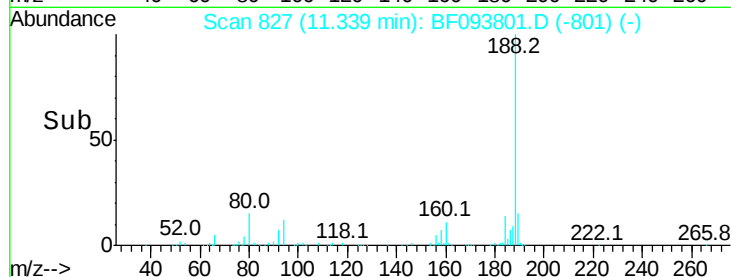
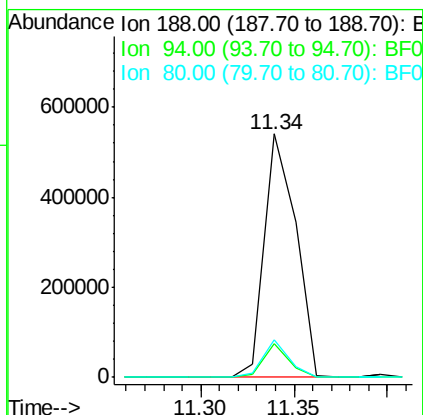
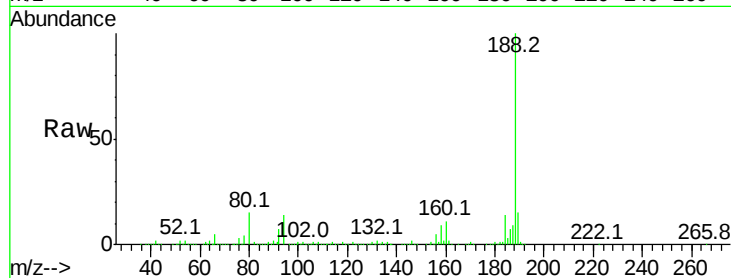




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 827
Delta R.T. -0.00 min
Lab File: BF093801.D
Acq: 21 Mar 2017 16:37

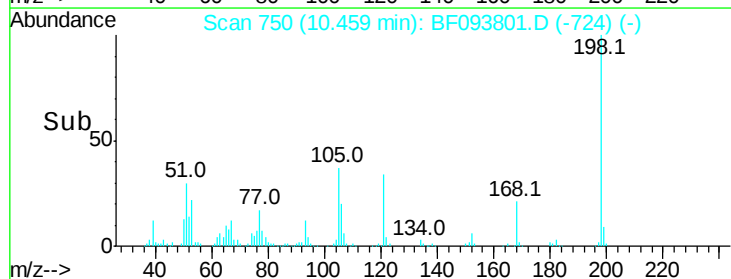
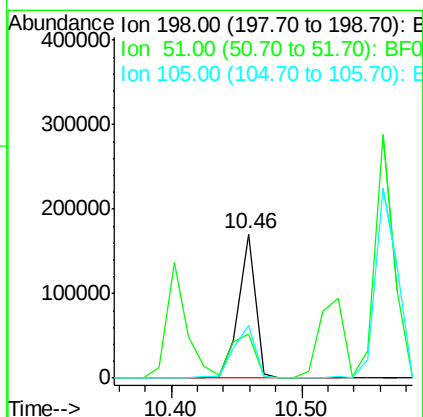
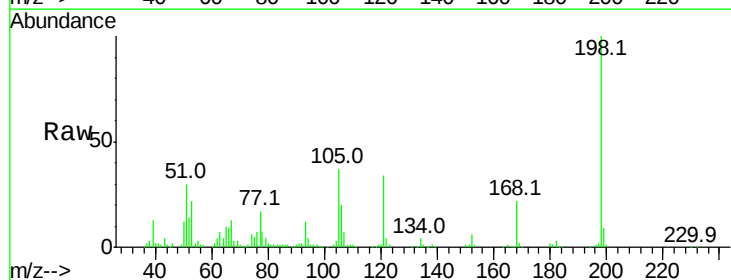
Instrument :
BNA_F
ClientSampleId :
SGS47-9-11MS

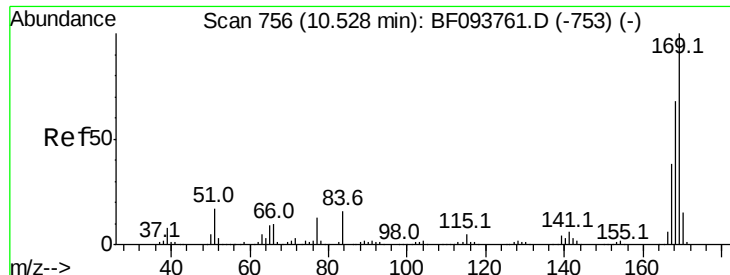
Tot Ion:188 Resp: 631163
Ion Ratio Lower Upper
188 100
94 14.0 9.4 14.2
80 15.4 10.2 15.2#



#64
4,6-Dinitro-2-methylphenol
Concen: 42.20 ng
RT: 10.46 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF093801.D
Acq: 21 Mar 2017 16:37

Tgt Ion:198 Resp: 154324
Ion Ratio Lower Upper
198 100
51 30.1 53.2 93.2#
105 36.7 45.8 85.8#

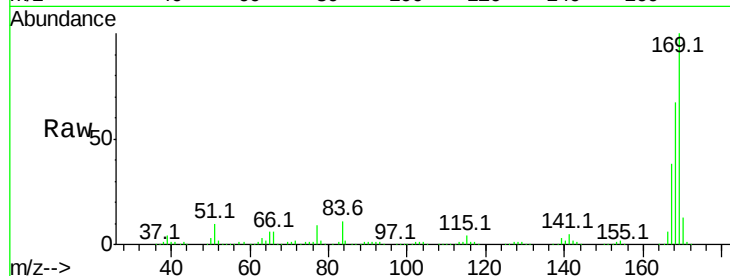




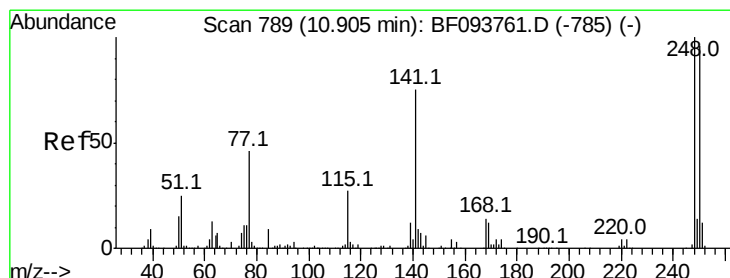
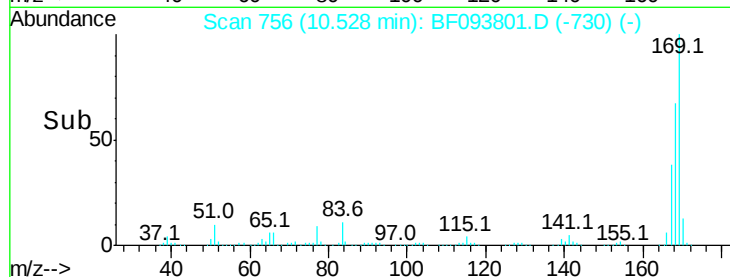
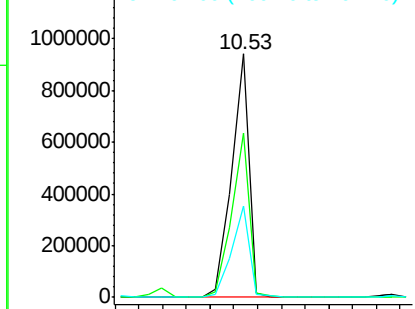
#65
n-Nitrosodiphenylamine
Concen: 45.28 ng
RT: 10.53 min Scan# 756
Delta R.T. -0.00 min
Lab File: BF093801.D
Acq: 21 Mar 2017 16:37

Instrument :
BNA_F
ClientSampleId :
SGS47-9-11MS

Tot Ion:169 Resp: 952822
Ion Ratio Lower Upper
169 100
168 67.3 53.2 79.8
167 37.6 29.5 44.3

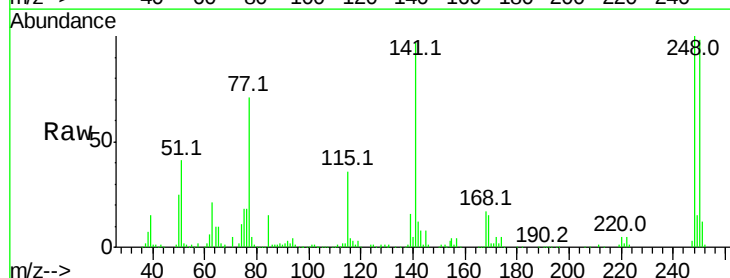


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

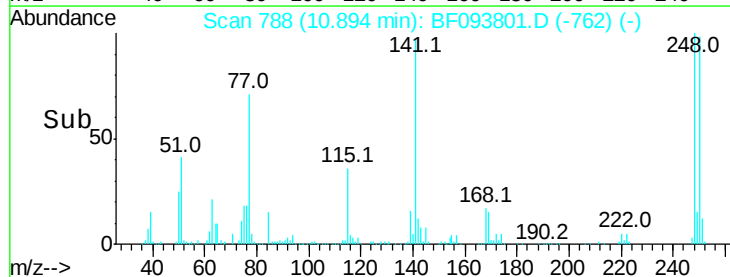
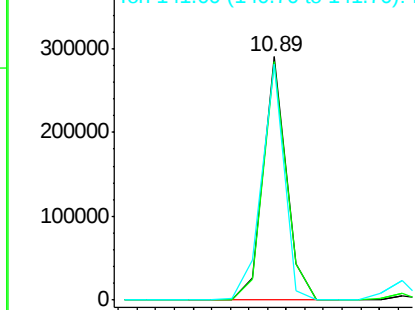


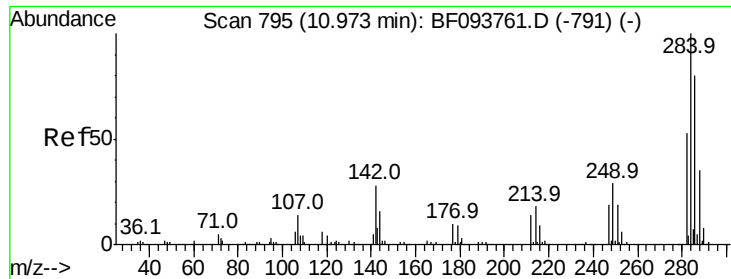
#66
4-Bromophenyl-phenylether
Concen: 40.63 ng
RT: 10.89 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF093801.D
Acq: 21 Mar 2017 16:37

Tgt Ion:248 Resp: 246828
Ion Ratio Lower Upper
248 100
250 97.7 76.8 115.2
141 97.1 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: 41.17 ng

RT: 10.96 min Scan# 794

Delta R.T. -0.00 min

Lab File: BF093801.D

Acq: 21 Mar 2017 16:37

Instrument :

BNA_F

ClientSampleId :

SGS47-9-11MS

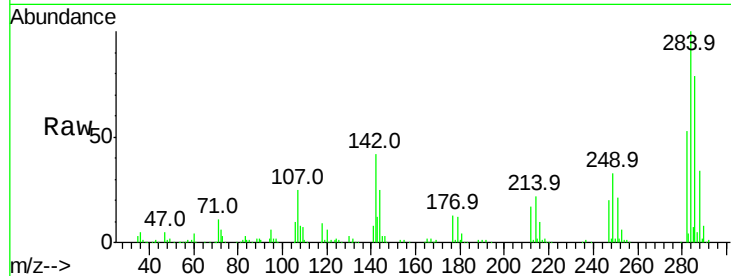
Tot Ion:284 Resp: 257935

Ion Ratio Lower Upper

284 100

142 41.9 22.8 34.2#

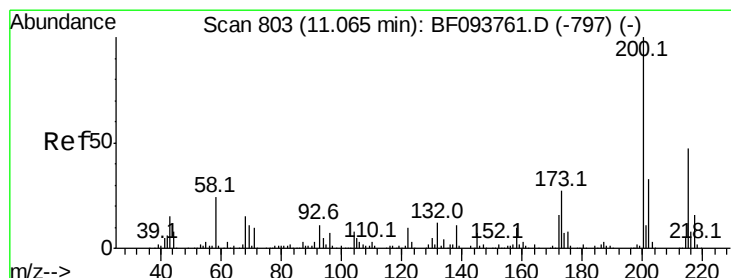
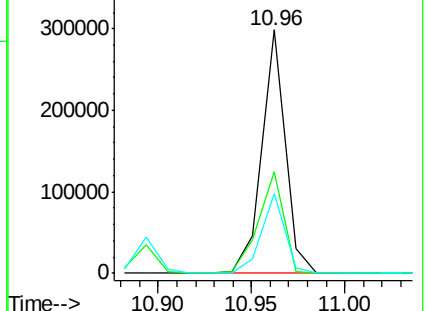
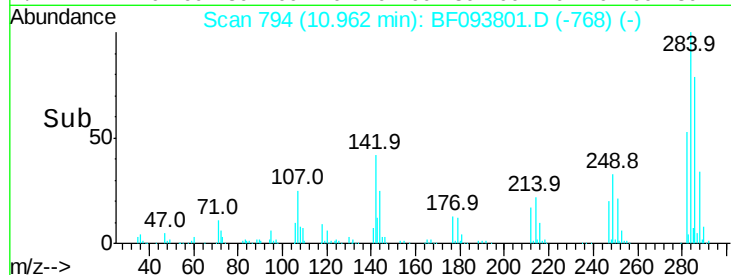
249 32.7 24.0 36.0



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: 42.00 ng

RT: 11.05 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF093801.D

Acq: 21 Mar 2017 16:37

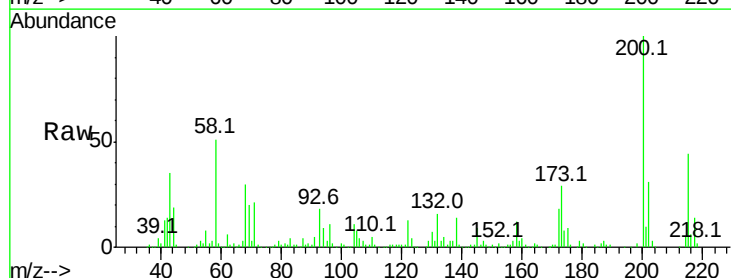
Tgt Ion:200 Resp: 271256

Ion Ratio Lower Upper

200 100

173 29.4 6.3 46.3

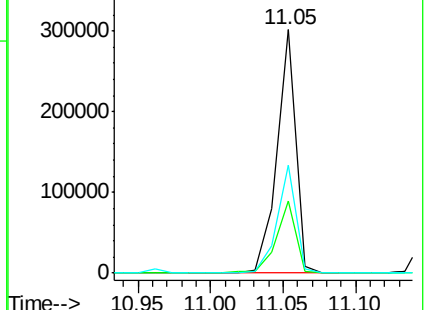
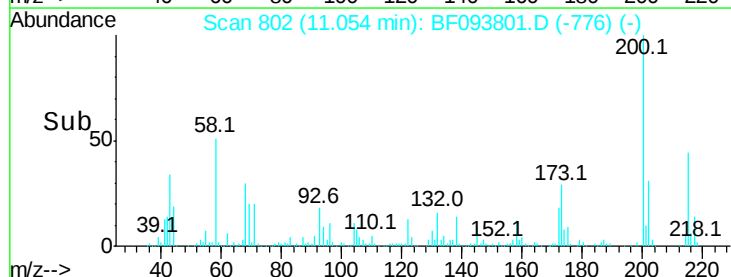
215 44.2 27.2 67.2

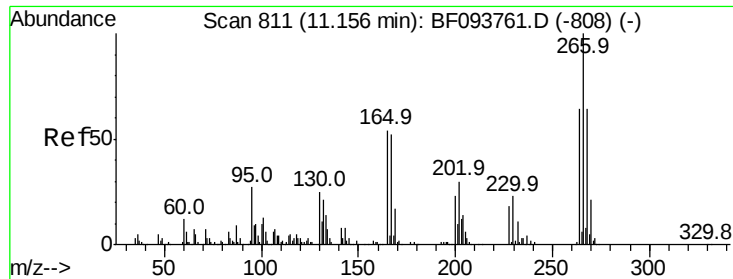


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

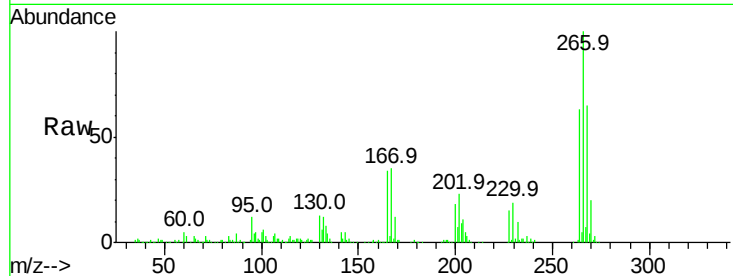




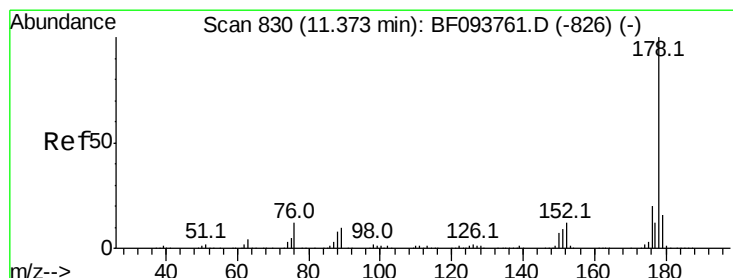
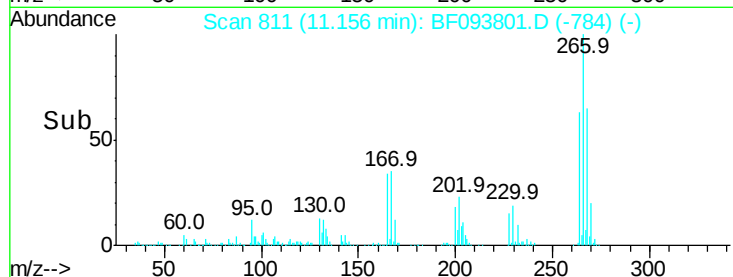
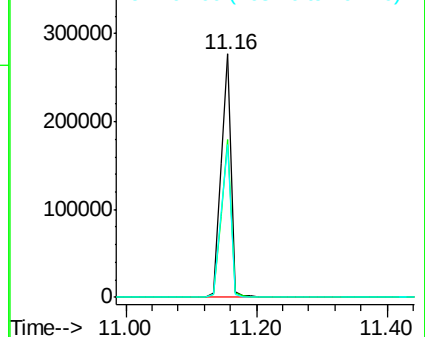
#69
 Pentachlorophenol
 Concen: 84.16 ng
 RT: 11.16 min Scan# 811
 Delta R.T. 0.01 min
 Lab File: BF093801.D
 Acq: 21 Mar 2017 16:37

Instrument :
 BNA_F
 ClientSampleId :
 SGS47-9-11MS

Tot Ion:266 Resp: 308330
 Ion Ratio Lower Upper
 266 100
 268 64.6 51.1 76.7
 264 62.6 51.7 77.5

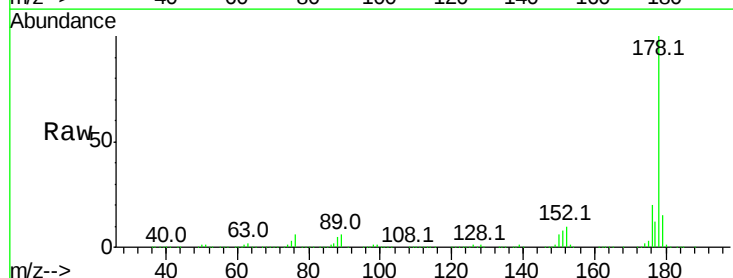


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

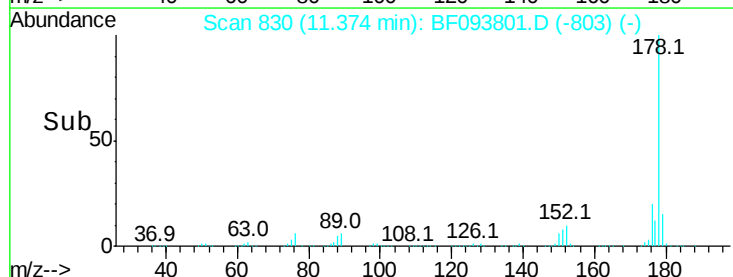
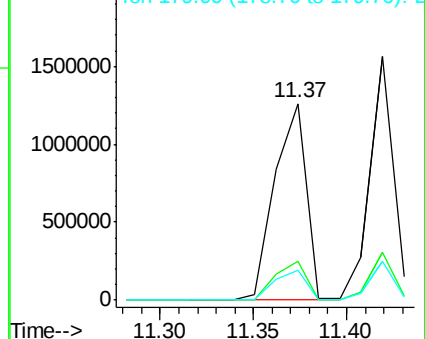


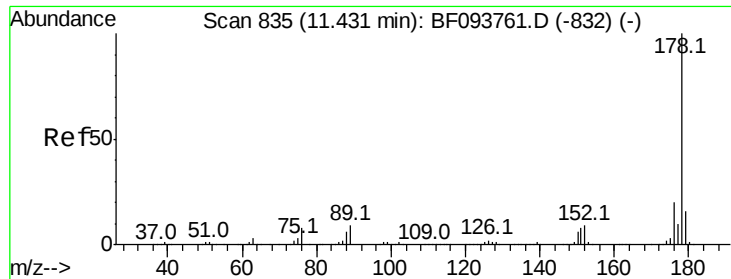
#70
 Phenanthrene
 Concen: 43.84 ng
 RT: 11.37 min Scan# 830
 Delta R.T. 0.01 min
 Lab File: BF093801.D
 Acq: 21 Mar 2017 16:37

Tgt Ion:178 Resp: 1473775
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.2 24.4
 179 15.3 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

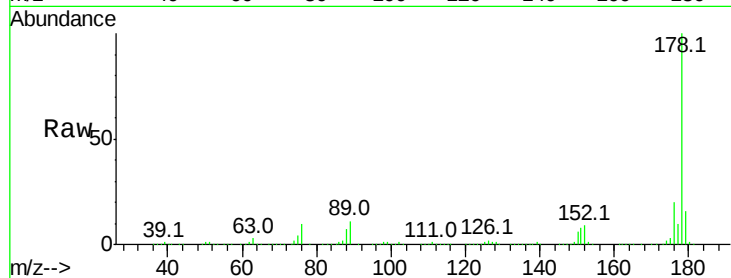




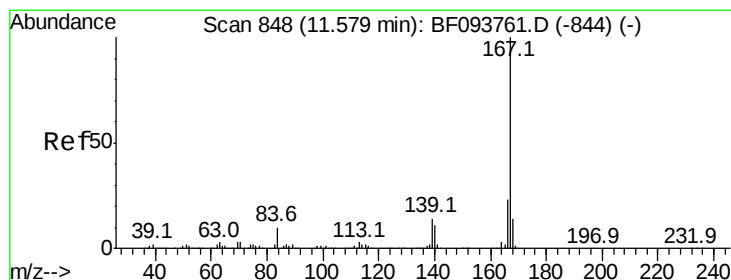
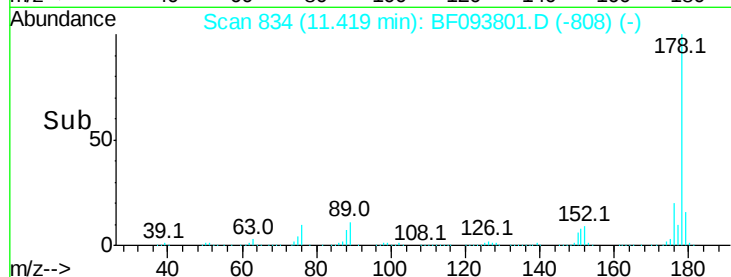
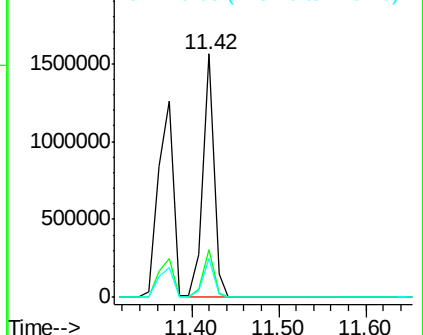
#71
 Anthracene
 Concen: 39.57 ng
 RT: 11.42 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BF093801.D
 Acq: 21 Mar 2017 16:37

Instrument :
 BNA_F
 ClientSampleId :
 SGS47-9-11MS

Tot Ion:178 Resp: 1369331
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 15.9 12.7 19.1

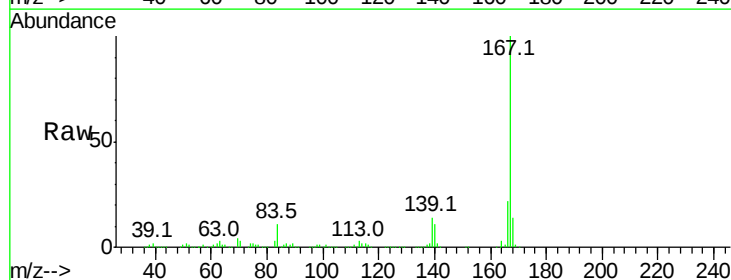


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

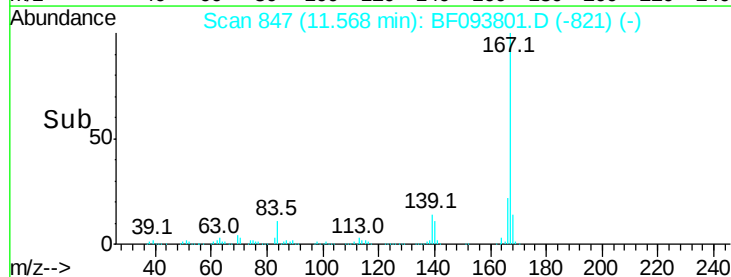
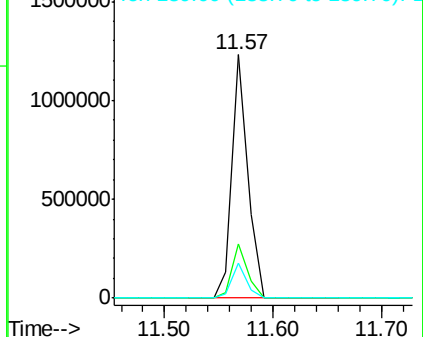


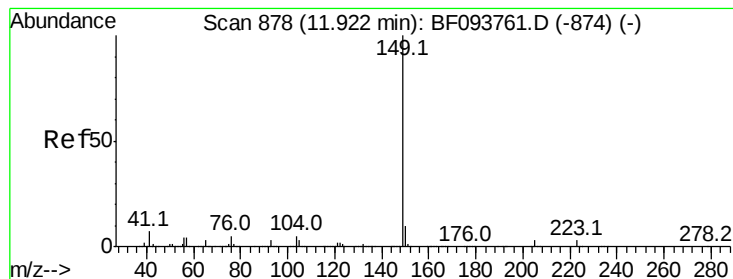
#72
 Carbazole
 Concen: 36.17 ng
 RT: 11.57 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BF093801.D
 Acq: 21 Mar 2017 16:37

Tgt Ion:167 Resp: 1239161
 Ion Ratio Lower Upper
 167 100
 166 22.1 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: 41.82 ng

RT: 11.91 min Scan# 877

Delta R.T. -0.00 min

Lab File: BF093801.D

Acq: 21 Mar 2017 16:37

Instrument :

BNA_F

ClientSampleId :

SGS47-9-11MS

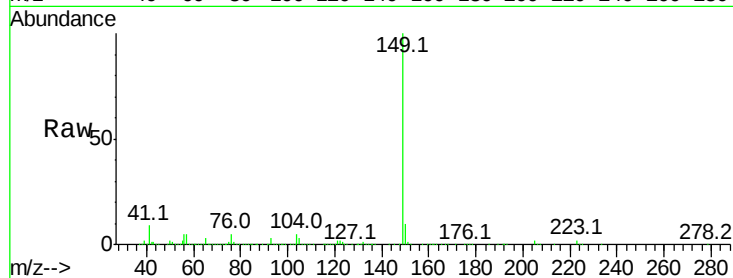
Tot Ion:149 Resp: 1542291

Ion Ratio Lower Upper

149 100

150 9.7 7.7 11.5

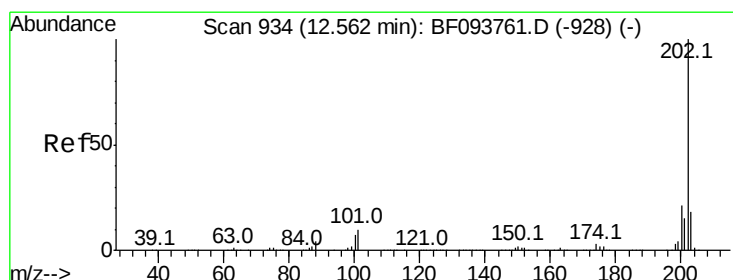
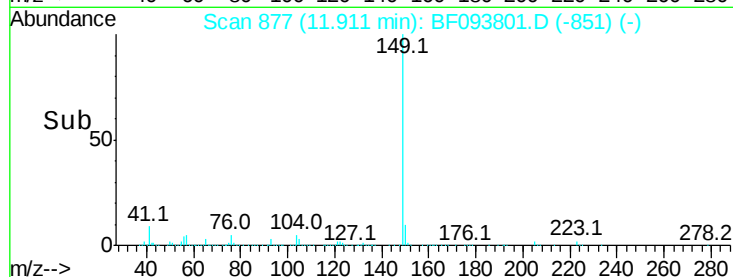
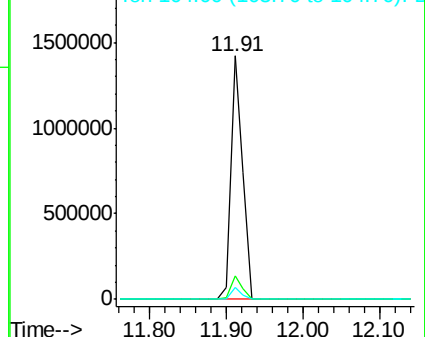
104 5.1 4.0 6.0



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: 38.03 ng

RT: 12.55 min Scan# 933

Delta R.T. -0.00 min

Lab File: BF093801.D

Acq: 21 Mar 2017 16:37

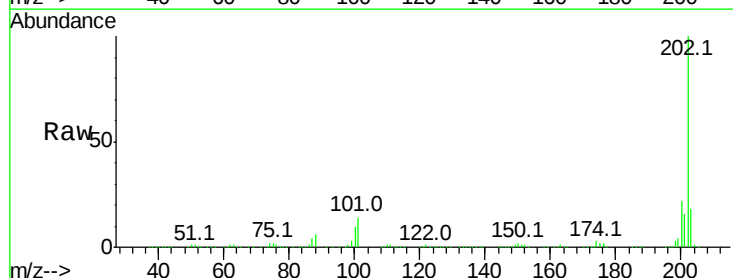
Tgt Ion:202 Resp: 1313869

Ion Ratio Lower Upper

202 100

101 14.2 0.0 33.2

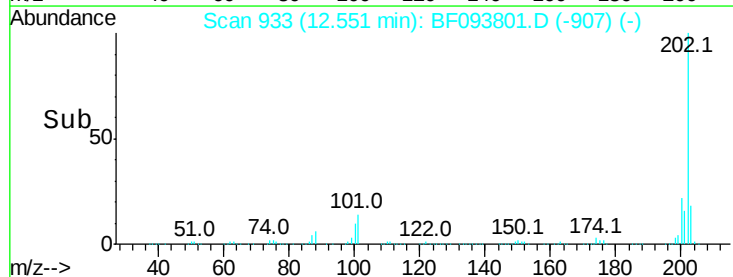
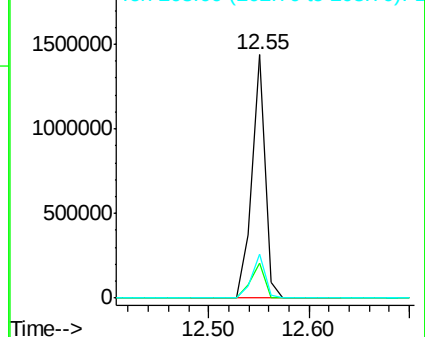
203 18.1 0.0 38.1

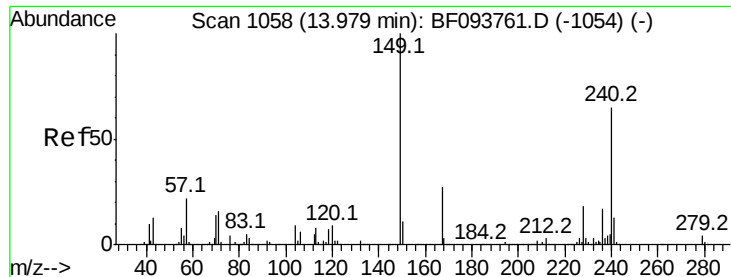


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF093801.D

Acq: 21 Mar 2017 16:37

Instrument :

BNA_F

ClientSampleId :

SGS47-9-11MS

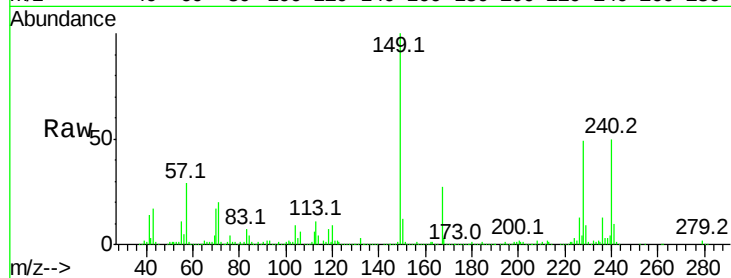
Tot Ion:240 Resp: 353158

Ion Ratio Lower Upper

240 100

120 17.1 5.8 8.8#

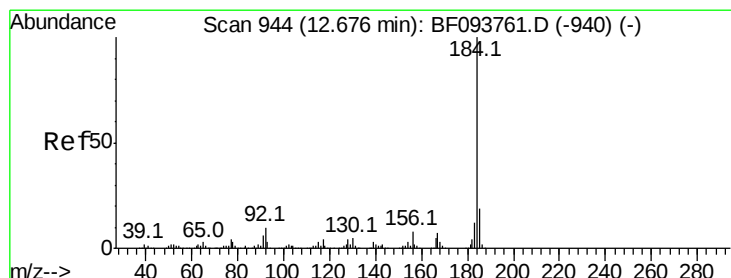
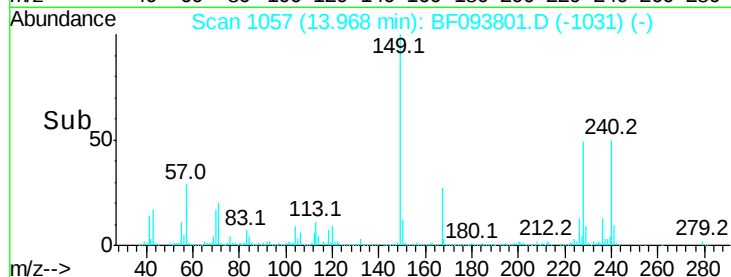
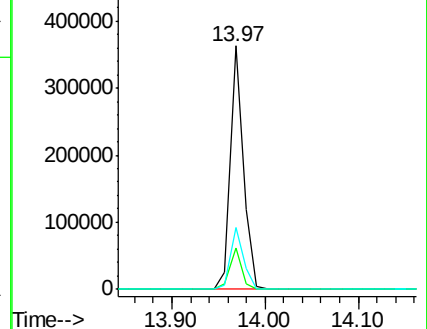
236 25.5 20.5 30.7



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: 10.01 ng

RT: 12.67 min Scan# 943

Delta R.T. -0.00 min

Lab File: BF093801.D

Acq: 21 Mar 2017 16:37

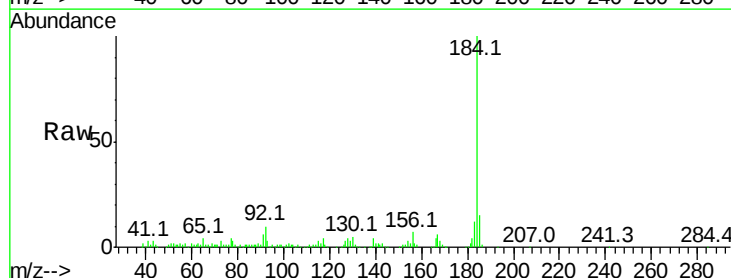
Tgt Ion:184 Resp: 155090

Ion Ratio Lower Upper

184 100

185 15.4 15.5 23.3#

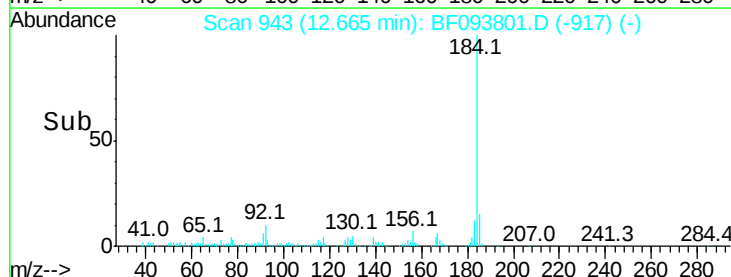
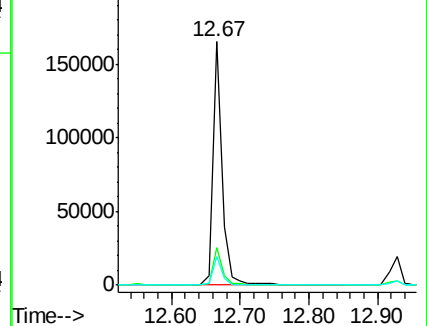
183 11.7 9.8 14.6

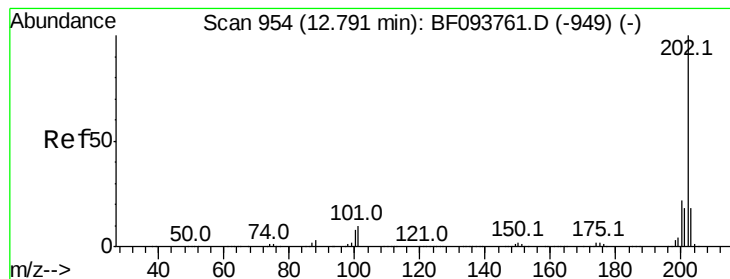


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 47.18 ng

RT: 12.78 min Scan# 953

Delta R.T. -0.00 min

Lab File: BF093801.D

Acq: 21 Mar 2017 16:37

Instrument :

BNA_F

ClientSampleId :

SGS47-9-11MS

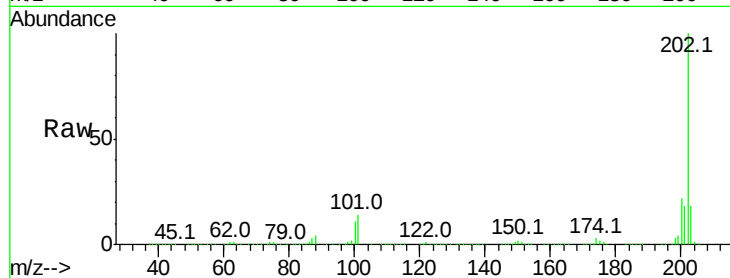
Tot Ion:202 Resp: 1386660

Ion Ratio Lower Upper

202 100

200 21.7 17.6 26.4

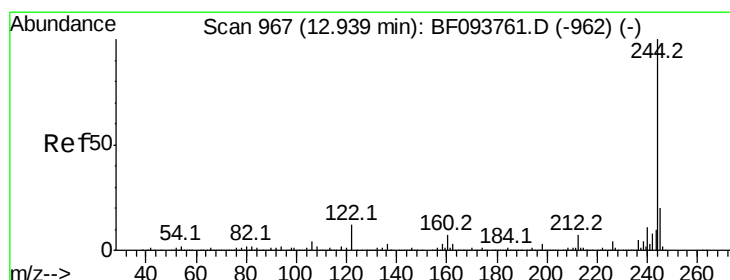
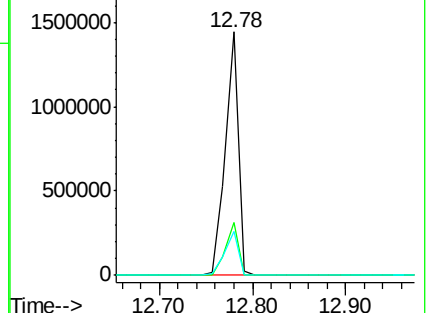
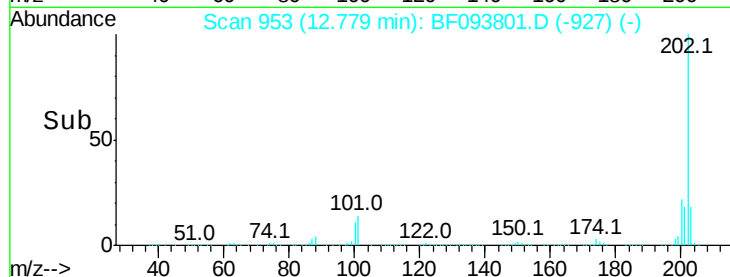
203 17.8 14.4 21.6



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: 77.27 ng

RT: 12.93 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF093801.D

Acq: 21 Mar 2017 16:37

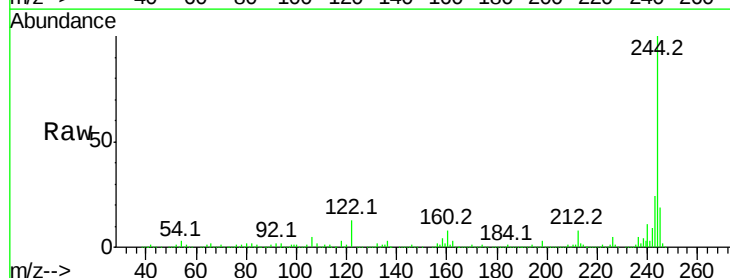
Tgt Ion:244 Resp: 1338354

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

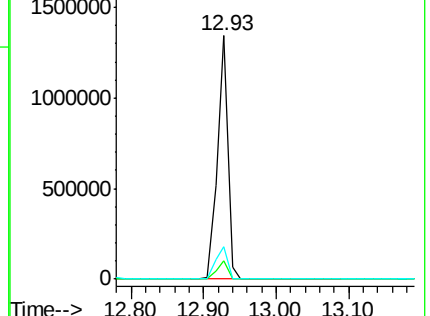
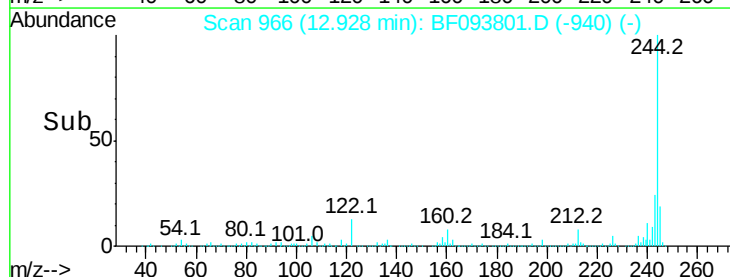
122 13.5 10.3 15.5

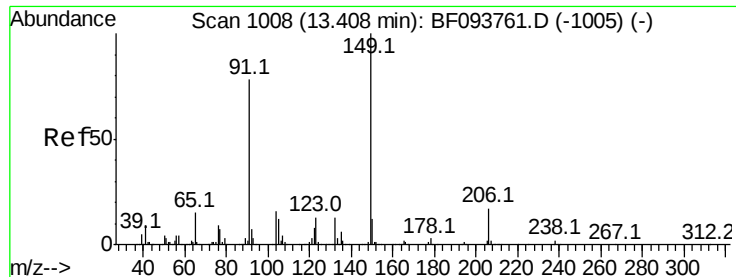


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

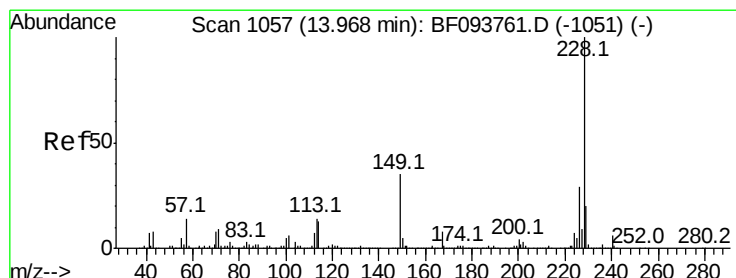
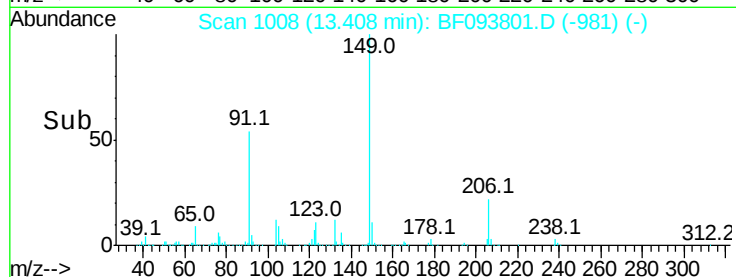
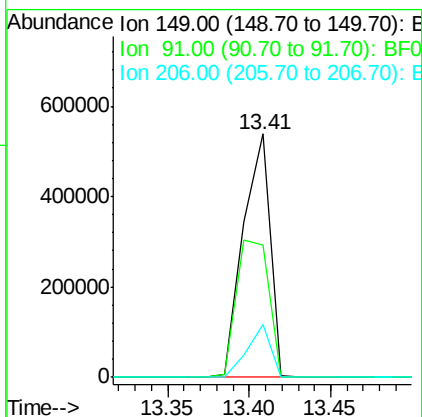
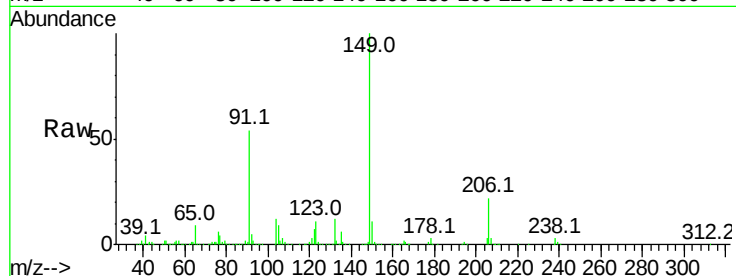




#79
Butylbenzylphthalate
Concen: 46.60 ng
RT: 13.41 min Scan# 1008
Delta R.T. 0.01 min
Lab File: BF093801.D
Acq: 21 Mar 2017 16:37

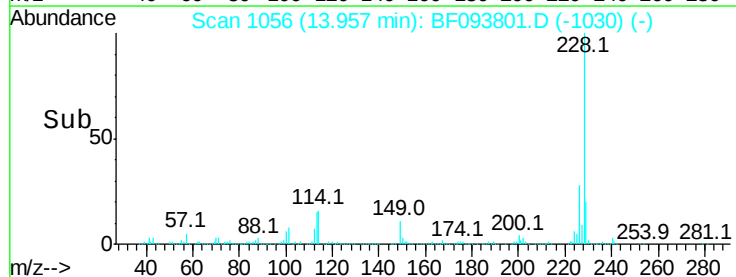
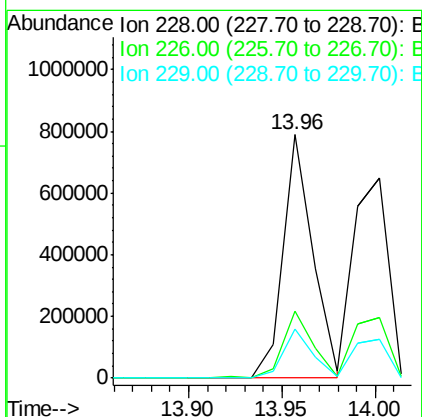
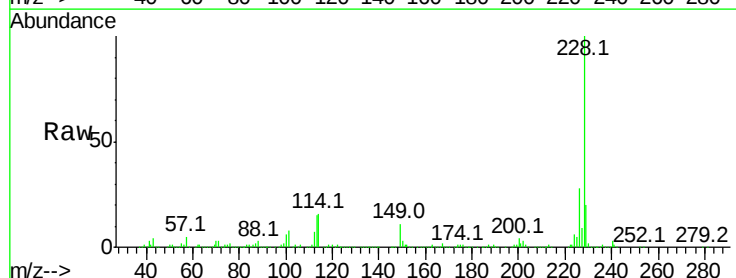
Instrument :
BNA_F
ClientSampleId :
SGS47-9-11MS

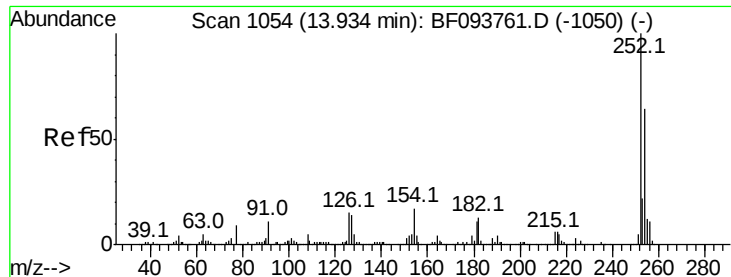
Tot Ion:149 Resp: 612158
Ion Ratio Lower Upper
149 100
91 54.5 45.0 67.4
206 21.9 17.0 25.6



#80
Benzo(a)anthracene
Concen: 39.65 ng
RT: 13.96 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BF093801.D
Acq: 21 Mar 2017 16:37

Tgt Ion:228 Resp: 877151
Ion Ratio Lower Upper
228 100
226 27.6 22.6 33.8
229 20.2 16.3 24.5

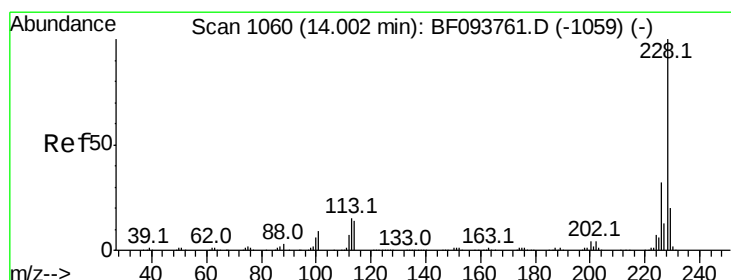
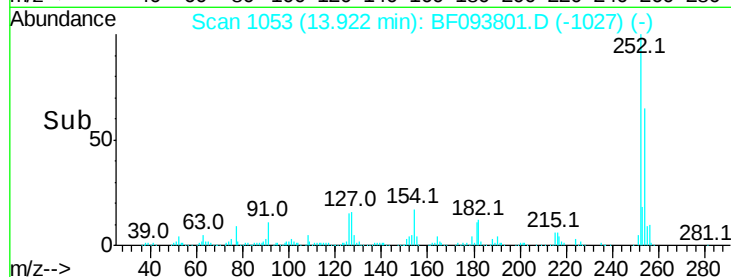
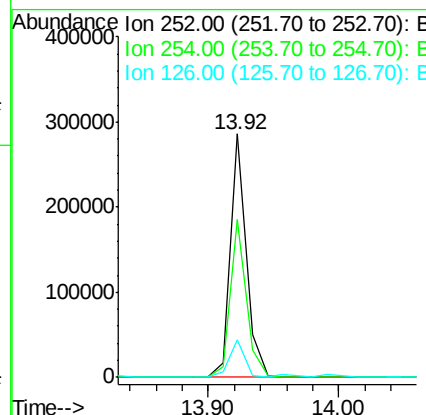
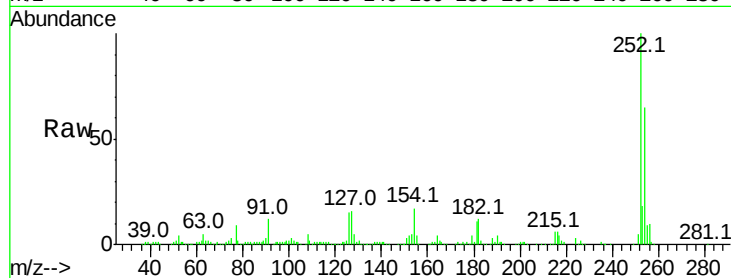




#81
 3,3'-Dichlorobenzidine
 Concen: 29.53 ng
 RT: 13.92 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: BF093801.D
 Acq: 21 Mar 2017 16:37

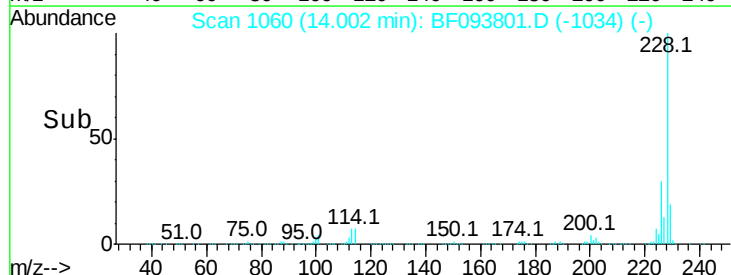
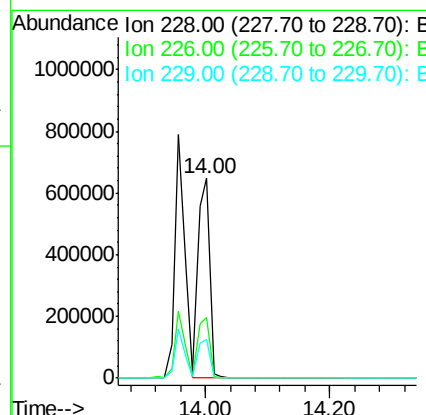
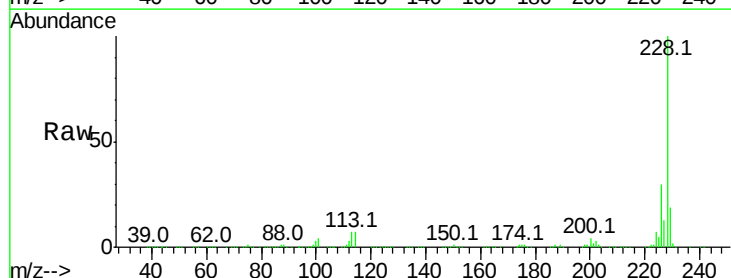
Instrument :
 BNA_F
 ClientSampleId :
 SGS47-9-11MS

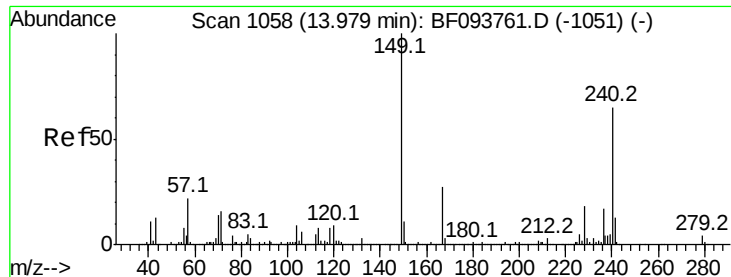
Tot Ion:252 Resp: 246175
 Ion Ratio Lower Upper
 252 100
 254 65.0 51.5 77.3
 126 15.2 15.8 23.8#



#82
 Chrysene
 Concen: 38.42 ng
 RT: 14.00 min Scan# 1060
 Delta R.T. -0.00 min
 Lab File: BF093801.D
 Acq: 21 Mar 2017 16:37

Tgt Ion:228 Resp: 849167
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.9 37.3
 229 19.3 15.8 23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.33 ng

RT: 13.97 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BF093801.D

Acq: 21 Mar 2017 16:37

Instrument :

BNA_F

ClientSampleId :

SGS47-9-11MS

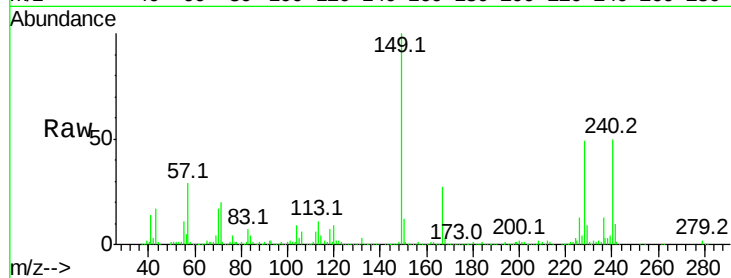
Tot Ion:149 Resp: 669634

Ion Ratio Lower Upper

149 100

167 26.8 21.0 31.4

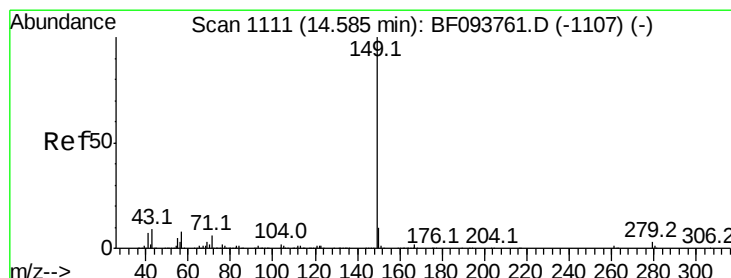
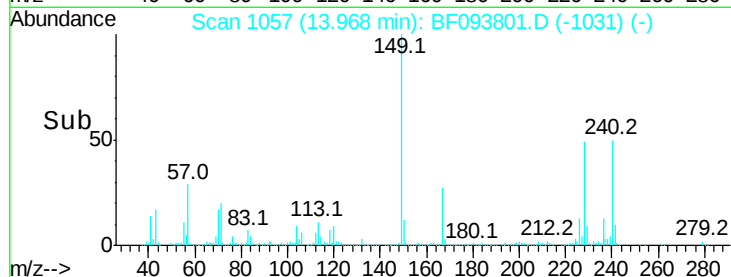
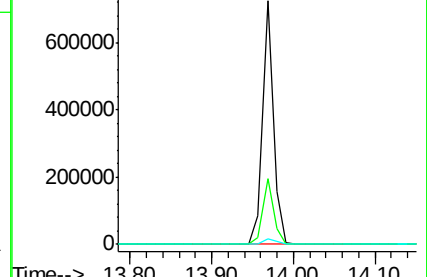
279 2.5 1.9 2.9



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: 38.04 ng

RT: 14.57 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BF093801.D

Acq: 21 Mar 2017 16:37

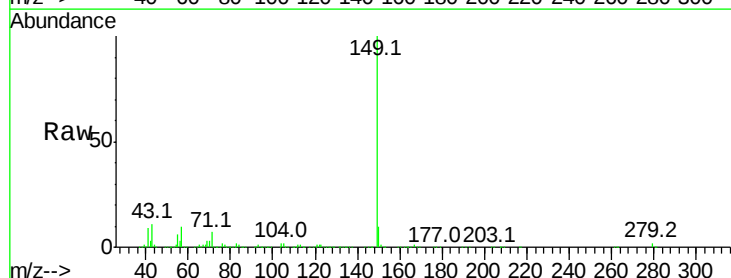
Tgt Ion:149 Resp: 1098000

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

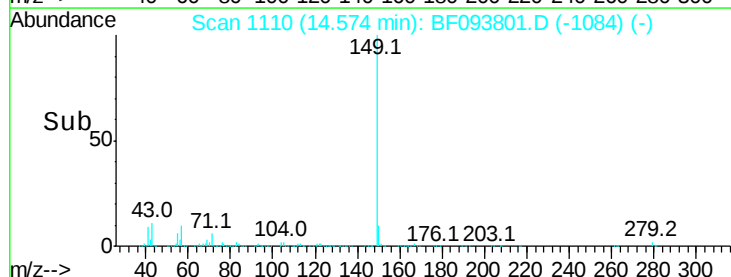
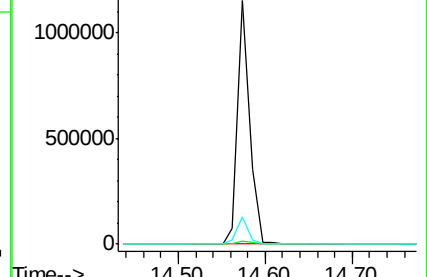
43 10.3 8.5 12.7

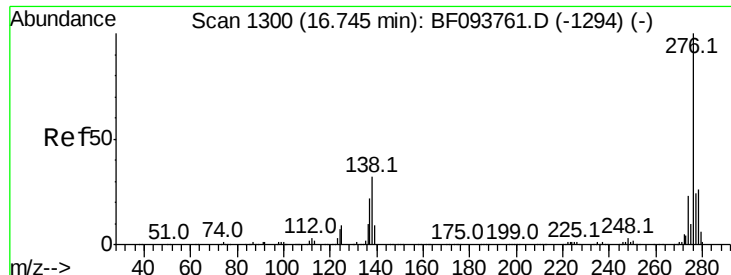


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

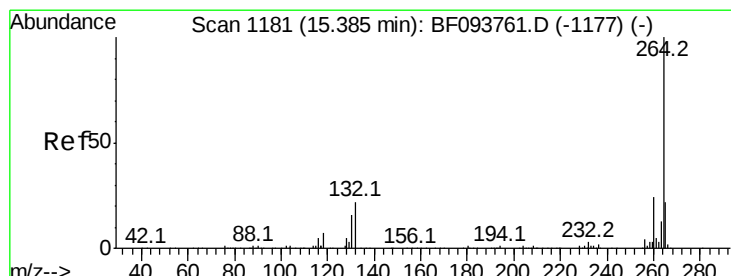
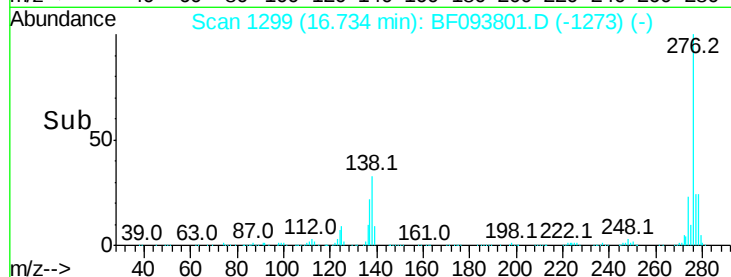
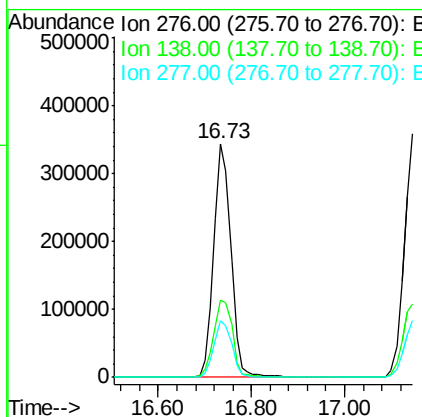
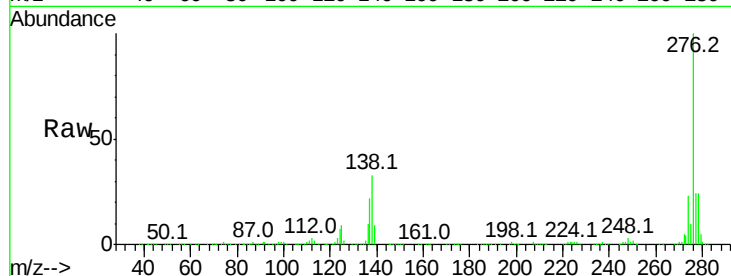




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.08 ng
 RT: 16.73 min Scan# 1299
 Delta R.T. -0.00 min
 Lab File: BF093801.D
 Acq: 21 Mar 2017 16:37

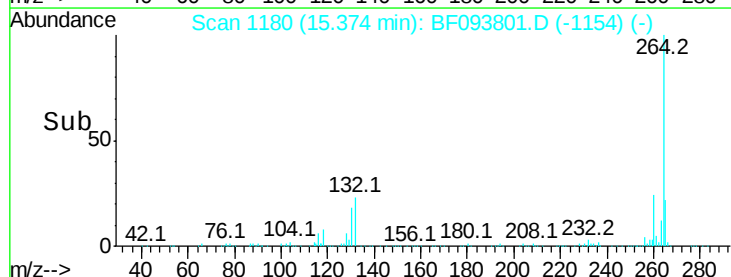
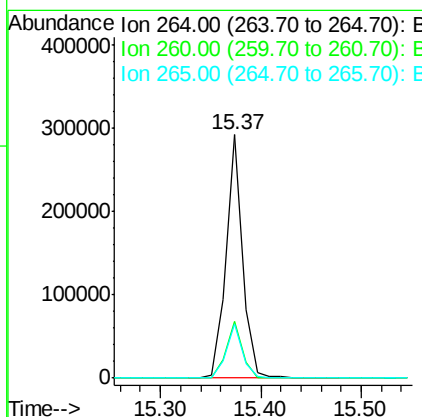
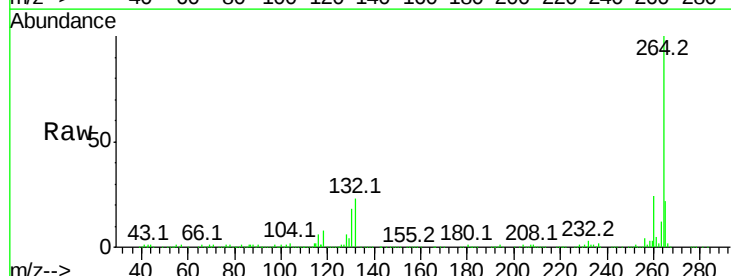
Instrument :
 BNA_F
 ClientSampleId :
 SGS47-9-11MS

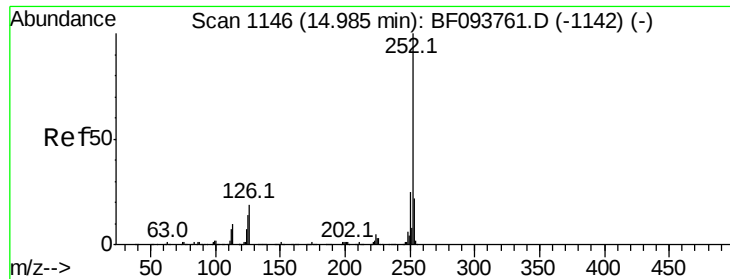
Tot Ion	Ratio	Lower	Upper
276	100		
138	36.3	27.8	41.6
277	25.1	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF093801.D
 Acq: 21 Mar 2017 16:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	22.0	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 68.31 ng

RT: 15.01 min Scan# 1148

Delta R.T. 0.03 min

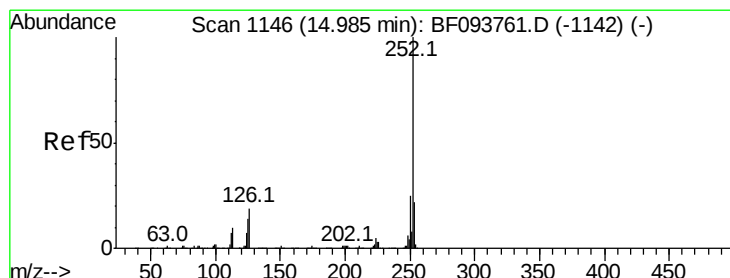
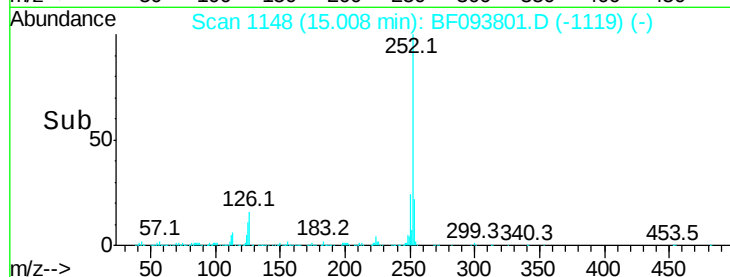
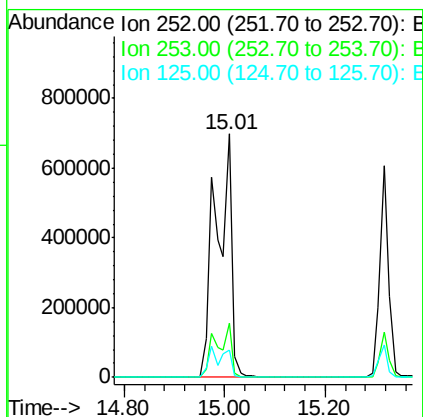
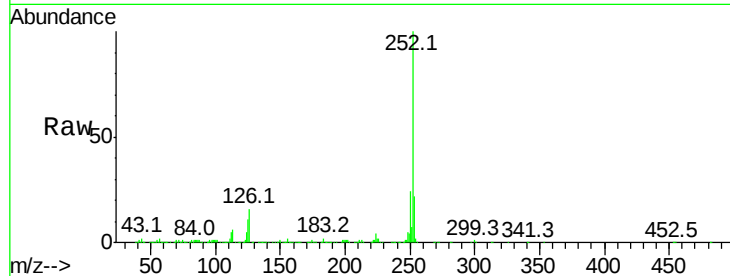
Lab File: BF093801.D

Acq: 21 Mar 2017 16:37

Instrument :
BNA_F
ClientSampleId :
SGS47-9-11MS

Tot Ion:252 Resp: 1526484

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	11.4	9.8	14.8



#88

Benzo(k)fluoranthene

Concen: 92.52 ng

RT: 15.01 min Scan# 1148

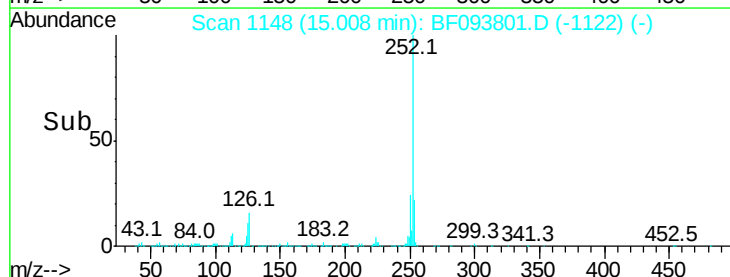
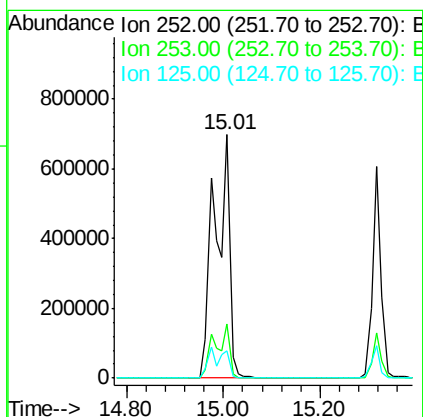
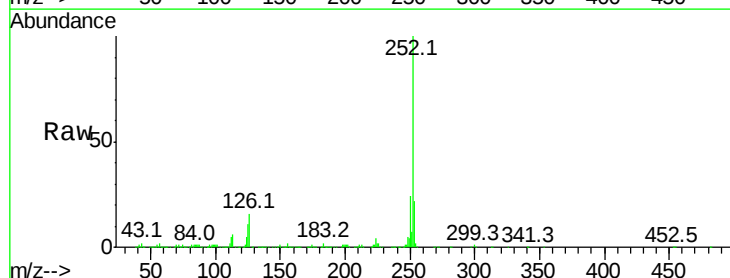
Delta R.T. -0.00 min

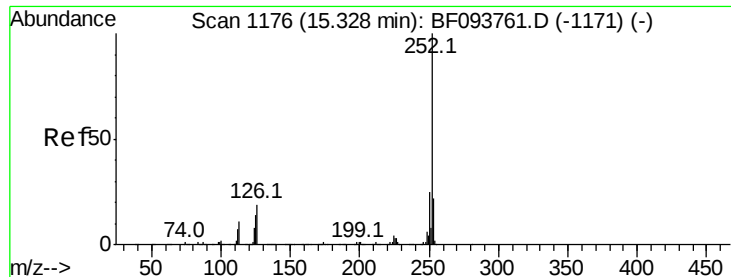
Lab File: BF093801.D

Acq: 21 Mar 2017 16:37

Tgt Ion:252 Resp: 1526726

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.4	27.6
125	11.4	13.1	19.7#

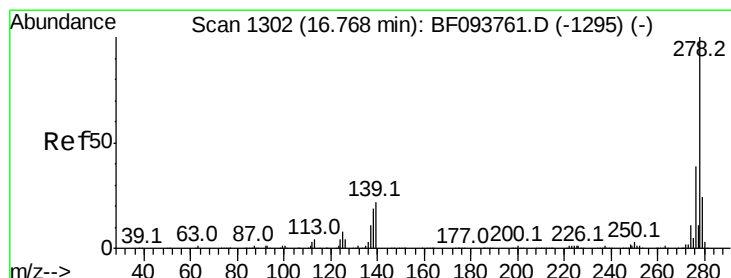
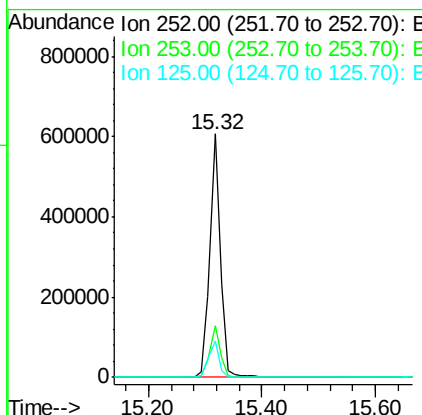
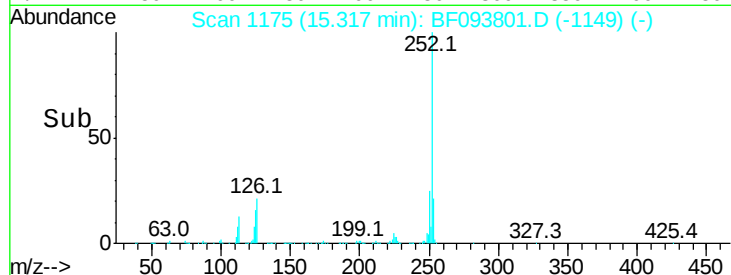
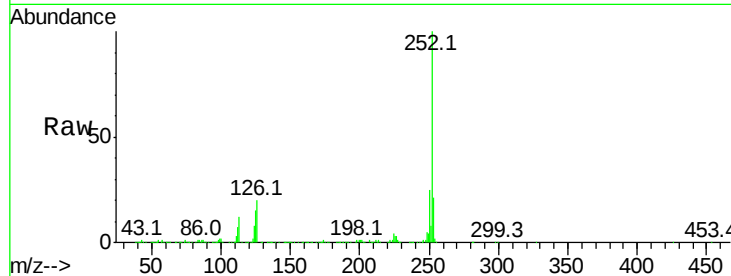




#89
Benzo(a)pyrene
Concen: 41.17 ng
RT: 15.32 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BF093801.D
Acq: 21 Mar 2017 16:37

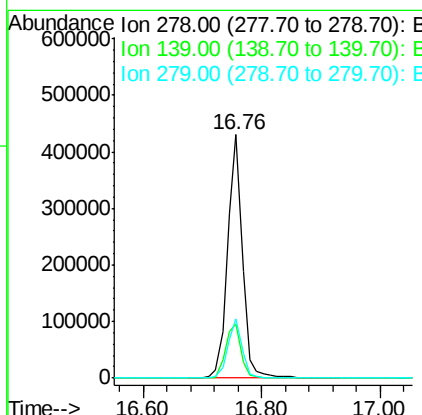
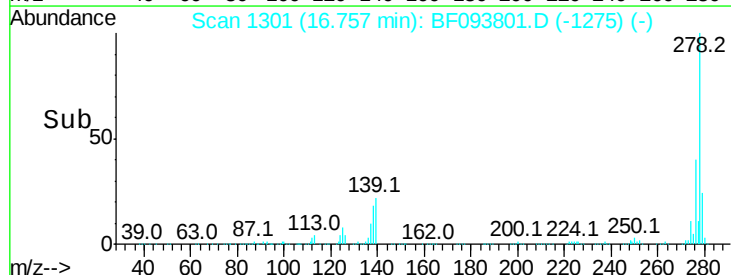
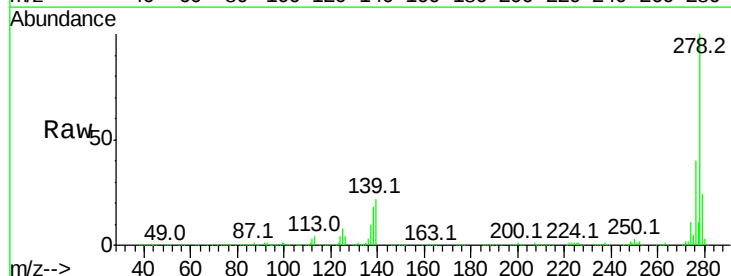
Instrument :
BNA_F
ClientSampleId :
SGS47-9-11MS

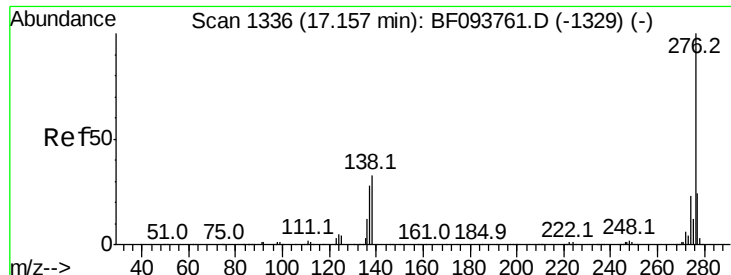
Tot Ion:252 Resp: 746029
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 15.1 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 49.30 ng
RT: 16.76 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF093801.D
Acq: 21 Mar 2017 16:37

Tgt Ion:278 Resp: 741841
Ion Ratio Lower Upper
278 100
139 22.2 16.6 24.8
279 24.1 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 50.56 ng

RT: 17.15 min Scan# 1335

Delta R.T. -0.00 min

Lab File: BF093801.D

Acq: 21 Mar 2017 16:37

Instrument :

BNA_F

ClientSampleId :

SGS47-9-11MS

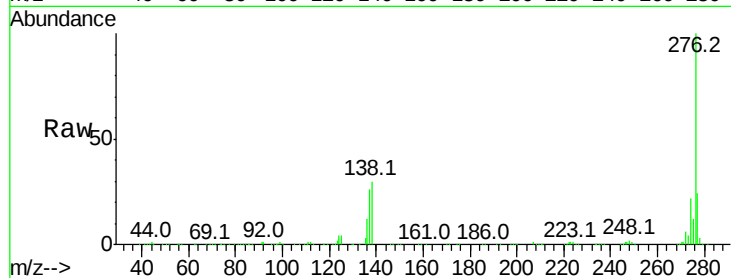
Tot Ion:276 Resp: 755088

Ion Ratio Lower Upper

276 100

277 23.5 18.6 28.0

138 29.9 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

