

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031817\
 Data File : BF093748.D
 Acq On : 18 Mar 2017 12:38
 Operator : SJ/MA
 Sample : I2263-07MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-102MSD

Quant Time: Mar 20 01:06:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 18 05:21:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	204899	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	835262	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	389617	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	670579	20.00	ng	0.00
75) Chrysene-d12	14.00	240	431158	20.00	ng	0.00
86) Perylene-d12	15.41	264	442957	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	728136	59.25	ng	0.00
7) Phenol-d6	6.47	99	598212	39.27	ng	-0.01
23) Nitrobenzene-d5	7.41	82	1337287	96.09	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	410894	161.14	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1988593	96.31	ng	0.00
78) Terphenyl-d14	12.95	244	1658649	82.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	101913	16.06	ng	99
3) Pyridine	3.20	79	251006	14.46	ng	97
4) n-Nitrosodimethylamine	3.12	42	131400	17.30	ng	97
6) Aniline	6.50	93	604248	27.75	ng	96
8) 2-Chlorophenol	6.63	128	515298	37.71	ng	99
9) Benzaldehyde	6.39	77	354848	43.92	ng	95
10) Phenol	6.48	94	277764	15.60	ng	98
11) bis(2-Chloroethyl)ether	6.58	93	651999	46.45	ng	95
12) 1,3-Dichlorobenzene	6.79	146	619006	40.89	ng	99
13) 1,4-Dichlorobenzene	6.87	146	626143	40.39	ng	99
14) 1,2-Dichlorobenzene	7.02	146	559943	38.63	ng	98
15) Benzyl Alcohol	6.98	79	336082	29.47	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.13	45	902555	40.79	ng	100
17) 2-Methylphenol	7.11	107	373916	31.61	ng	95
18) Hexachloroethane	7.36	117	214821	39.00	ng	# 74
19) n-Nitroso-di-n-propylamine	7.27	70	481235	47.58	ng	98
20) 3+4-Methylphenols	7.26	107	374088	26.68	ng	# 79
22) Acetophenone	7.26	105	807419	43.39	ng	# 94
24) Nitrobenzene	7.43	77	671190	44.61	ng	99
25) Isophorone	7.67	82	1252462	46.75	ng	99
26) 2-Nitrophenol	7.75	139	350835	61.59	ng	99
27) 2,4-Dimethylphenol	7.78	122	540599	41.47	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	809142	47.85	ng	99
29) 2,4-Dichlorophenol	7.99	162	518375	46.29	ng	98
30) 1,2,4-Trichlorobenzene	8.08	180	523834	44.88	ng	98
31) Naphthalene	8.16	128	1739944	42.73	ng	99
32) Benzoic acid	7.86	122	99668	15.23	ng	96
33) 4-Chloroaniline	8.20	127	645744	37.86	ng	98
34) Hexachlorobutadiene	8.29	225	259224	42.40	ng	100
35) Caprolactam	8.56	113	16803	4.47	ng	93
36) 4-Chloro-3-methylphenol	8.68	107	490907	41.63	ng	86
37) 2-Methylnaphthalene	8.85	142	1190487	45.13	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	452664	49.62	ng	99
40) Hexachlorocyclopentadiene	9.01	237	392099	86.03	ng	99

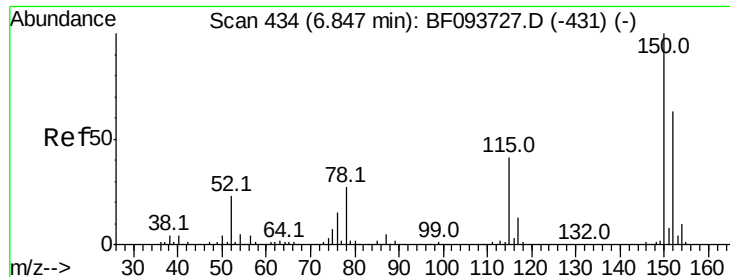
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031817\
 Data File : BF093748.D
 Acq On : 18 Mar 2017 12:38
 Operator : SJ/MA
 Sample : I2263-07MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-102SMSD

Quant Time: Mar 20 01:06:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 18 05:21:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	358553	53.30	nq	98
43) 2,4,5-Trichlorophenol	9.16	196	310968	44.84	nq	96
45) 1,1'-Biphenyl	9.32	154	1450757	53.10	nq	99
46) 2-Chloronaphthalene	9.34	162	1129265	51.52	nq	99
47) 2-Nitroaniline	9.42	65	328998	51.87	nq	98
48) Acenaphthylene	9.75	152	1810066	50.63	nq	100
49) Dimethylphthalate	9.61	163	1241939	48.80	nq	99
50) 2,6-Dinitrotoluene	9.67	165	324446	59.02	nq	91
51) Acenaphthene	9.92	154	1176560	55.85	nq	98
52) 3-Nitroaniline	9.83	138	287041	44.01	nq	100
53) 2,4-Dinitrophenol	9.94	184	274103	101.57	nq	# 51
54) Dibenzofuran	10.09	168	1539383	53.75	nq	98
55) 4-Nitrophenol	9.99	139	218439	44.40	nq	95
56) 2,4-Dinitrotoluene	10.07	165	422904	57.80	nq	# 86
57) Fluorene	10.44	166	1147179	49.38	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	288408	60.47	nq	100
59) Diethylphthalate	10.31	149	1301745	53.74	nq	99
60) 4-Chlorophenyl-phenylether	10.42	204	457053	46.70	nq	100
61) 4-Nitroaniline	10.45	138	320770	52.85	nq	93
62) Azobenzene	10.58	77	1342738	54.87	nq	99
64) 4,6-Dinitro-2-methylphenol	10.48	198	198651	54.89	nq	# 45
65) n-Nitrosodiphenylamine	10.55	169	1128544	49.85	nq	99
66) 4-Bromophenyl-phenylether	10.92	248	304107	47.97	nq	98
67) Hexachlorobenzene	10.98	284	325463	49.12	nq	94
68) Atrazine	11.08	200	360810	55.35	nq	97
69) Pentachlorophenol	11.17	266	360460	94.96	nq	99
70) Phenanthrene	11.38	178	1698309	44.80	nq	99
71) Anthracene	11.44	178	1659855	44.74	nq	100
72) Carbazole	11.59	167	1519154	39.12	nq	100
73) Di-n-butylphthalate	11.93	149	1820765	45.87	nq	100
74) Fluoranthene	12.57	202	1733944	47.19	nq	100
76) Benzidine	12.69	184	970885	57.63	nq	# 94
77) Pyrene	12.80	202	1821852	49.69	nq	100
79) Butylbenzylphthalate	13.43	149	875167	56.18	nq	95
80) Benzo(a)anthracene	13.98	228	1339717	48.41	nq	100
81) 3,3'-Dichlorobenzidine	13.95	252	466753	48.08	nq	100
82) Chrysene	14.03	228	1366781	51.10	nq	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	899930	52.55	nq	99
84) Di-n-octyl phthalate	14.60	149	1876994	59.45	nq	99
85) Indeno(1,2,3-cd)pyrene	16.78	276	1158969	51.17	nq	99
87) Benzo(b)fluoranthene	15.01	252	1287347	45.85	nq	98
88) Benzo(k)fluoranthene	15.01	252	1287347	51.88	nq	96
89) Benzo(a)pyrene	15.35	252	1134933	45.73	nq	98
90) Dibenzo(a,h)anthracene	16.80	278	966730	46.04	nq	97
91) Benzo(g,h,i)perylene	17.20	276	974665	45.65	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF093748.D

Acq: 18 Mar 2017 12:38

Instrument :

BNA_F

ClientSampleId :

MW-102SMSD

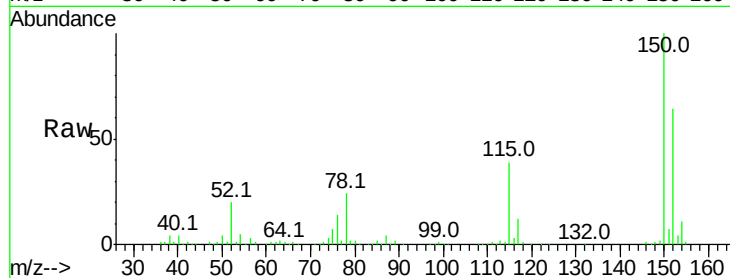
Tot Ion:152 Resp: 204899

Ion Ratio Lower Upper

152 100

150 157.4 126.2 189.2

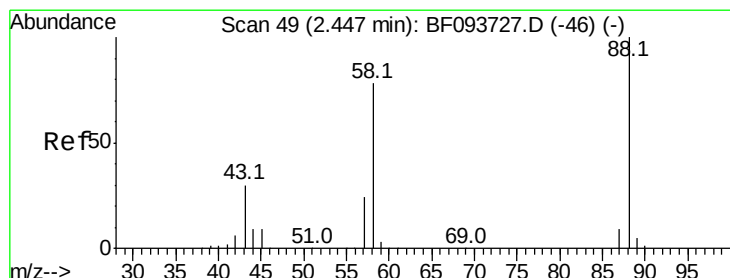
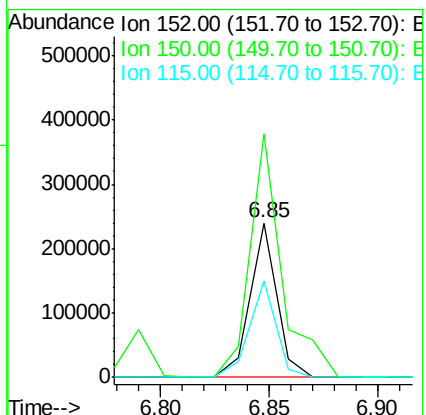
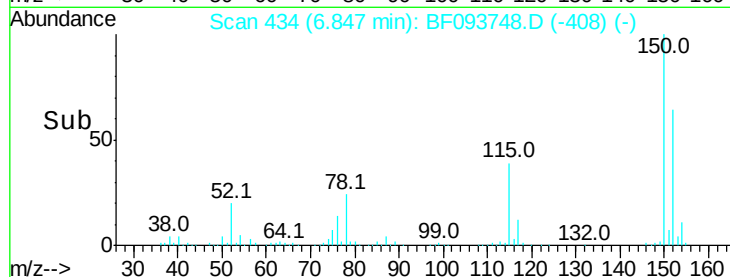
115 62.1 52.2 78.2



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: 16.06 ng

RT: 2.49 min Scan# 53

Delta R.T. 0.05 min

Lab File: BF093748.D

Acq: 18 Mar 2017 12:38

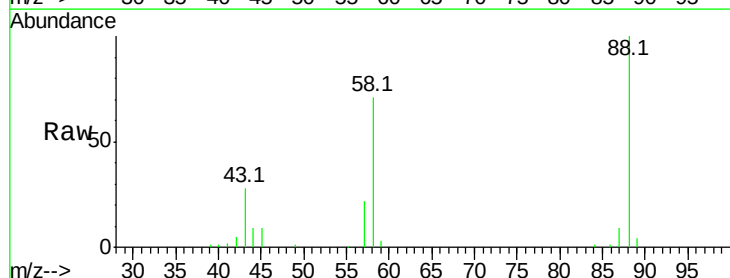
Tgt Ion: 88 Resp: 101913

Ion Ratio Lower Upper

88 100

58 75.8 61.4 92.0

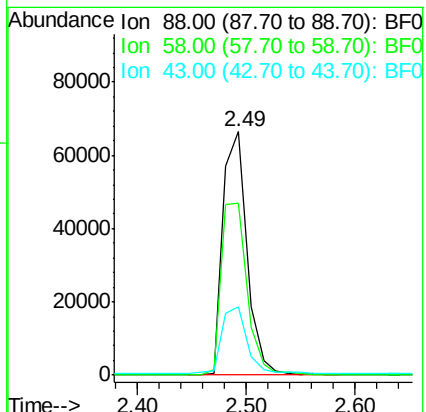
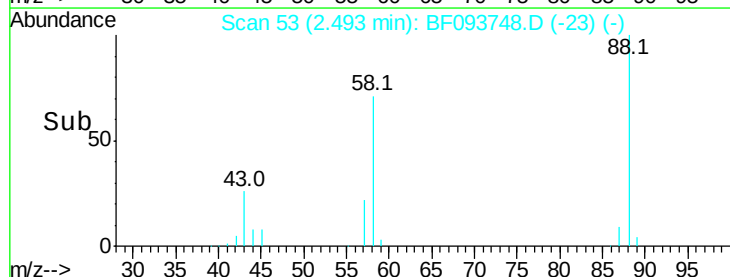
43 29.5 23.4 35.0

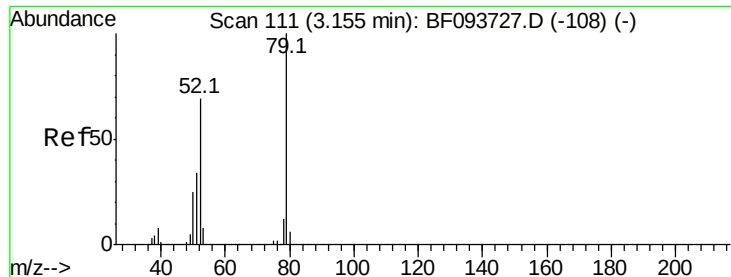


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 14.46 ng

RT: 3.20 min Scan# 115

Delta R.T. 0.05 min

Lab File: BF093748.D

Acq: 18 Mar 2017 12:38

Instrument :

BNA_F

ClientSampleId :

MW-102SMSD

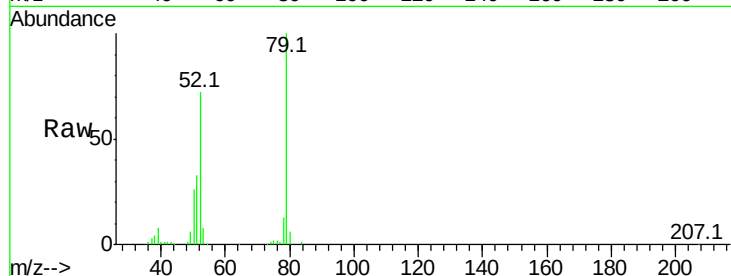
Tot Ion: 79 Resp: 251006

Ion Ratio Lower Upper

79 100

52 71.8 54.8 82.2

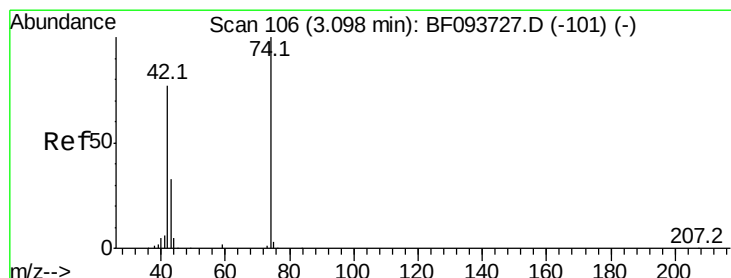
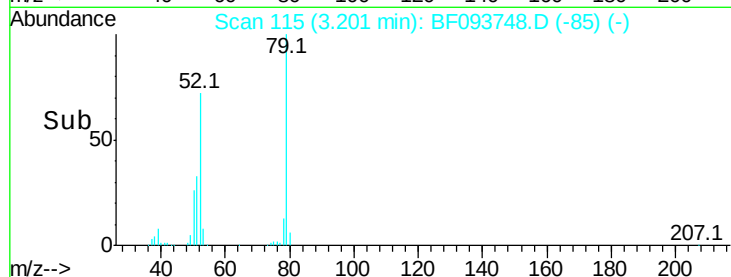
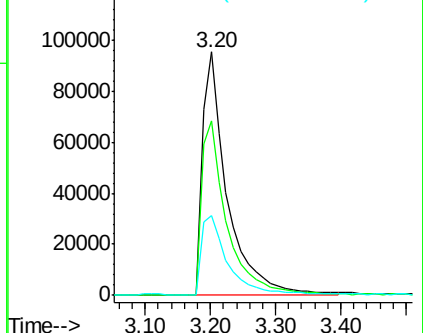
51 33.0 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 17.30 ng

RT: 3.12 min Scan# 108

Delta R.T. 0.02 min

Lab File: BF093748.D

Acq: 18 Mar 2017 12:38

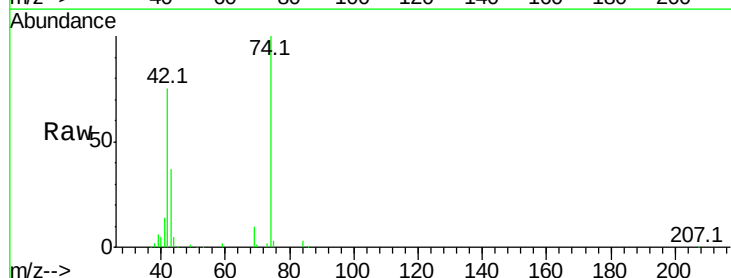
Tgt Ion: 42 Resp: 131400

Ion Ratio Lower Upper

42 100

74 133.4 103.9 155.9

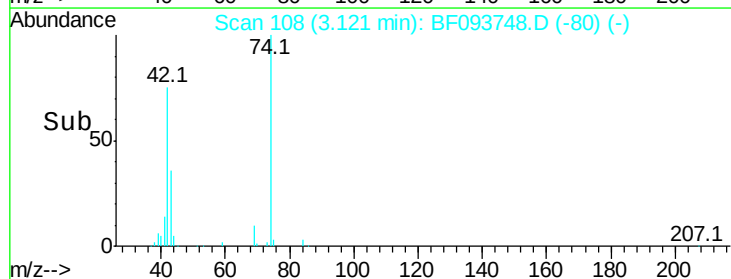
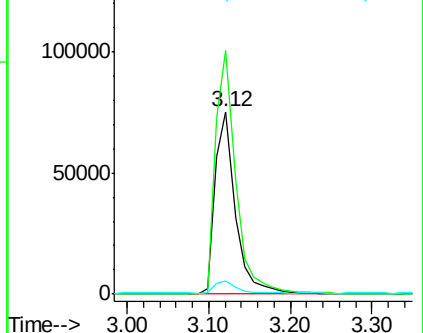
44 7.2 5.7 8.5

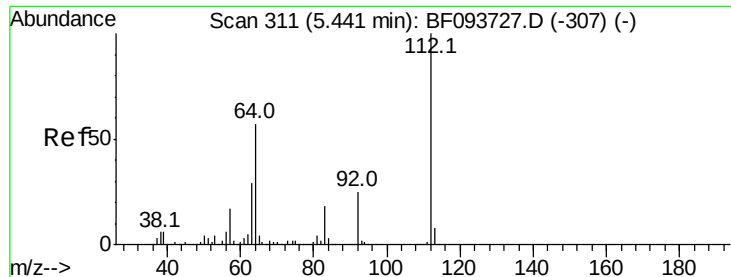


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 59.25 ng

RT: 5.44 min Scan# 311

Delta R.T. 0.00 min

Lab File: BF093748.D

Acq: 18 Mar 2017 12:38

Instrument :

BNA_F

ClientSampleId :

MW-102SMSD

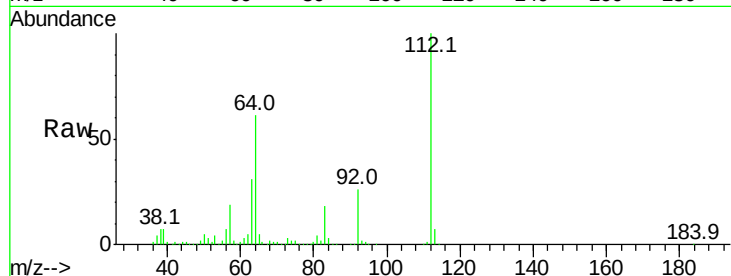
Tot Ion:112 Resp: 728136

Ion Ratio Lower Upper

112 100

64 61.3 46.0 69.0

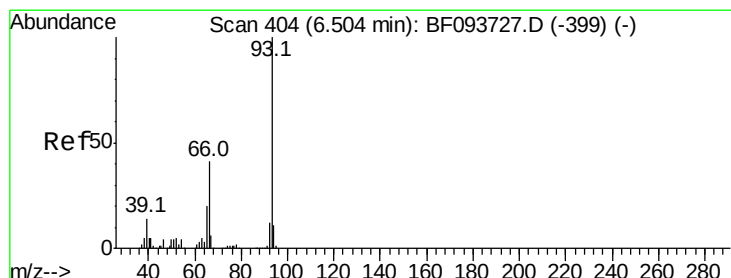
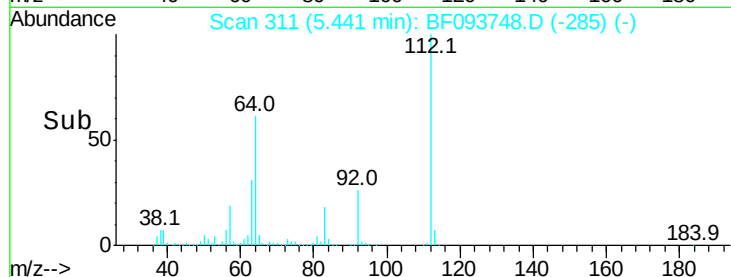
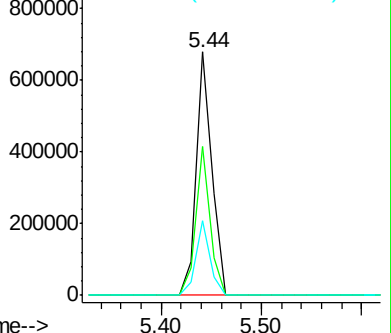
63 30.9 23.4 35.0



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: 27.75 ng

RT: 6.50 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF093748.D

Acq: 18 Mar 2017 12:38

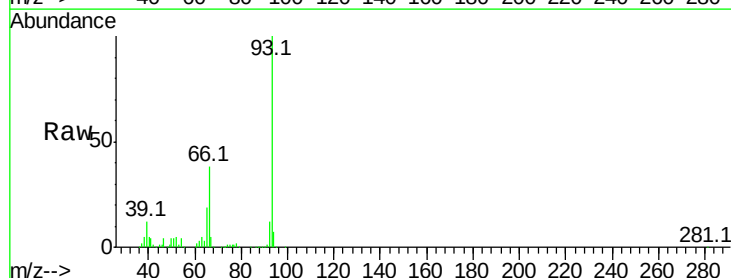
Tgt Ion: 93 Resp: 604248

Ion Ratio Lower Upper

93 100

66 37.8 32.9 49.3

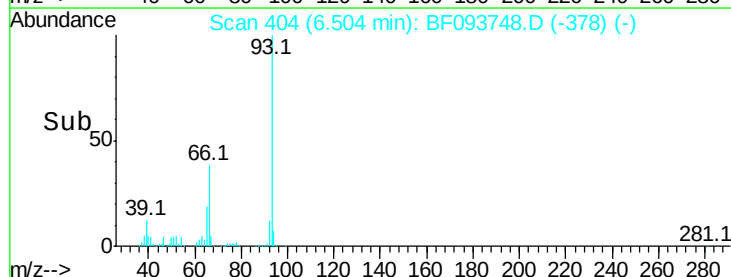
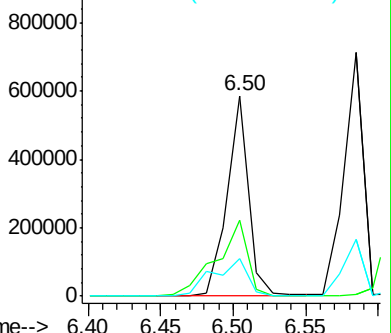
65 18.8 16.0 24.0

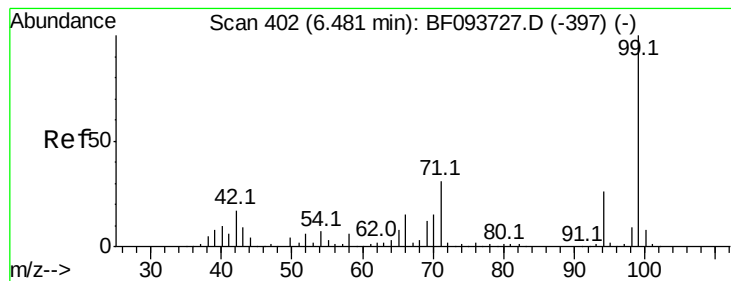


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 39.27 ng

RT: 6.47 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF093748.D

Acq: 18 Mar 2017 12:38

Instrument :

BNA_F

ClientSampleId :

MW-102SMSD

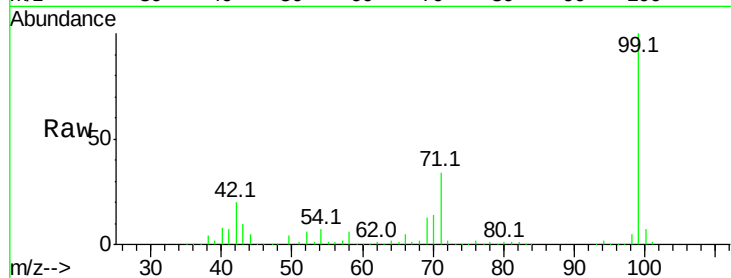
Tot Ion: 99 Resp: 598212

Ion Ratio Lower Upper

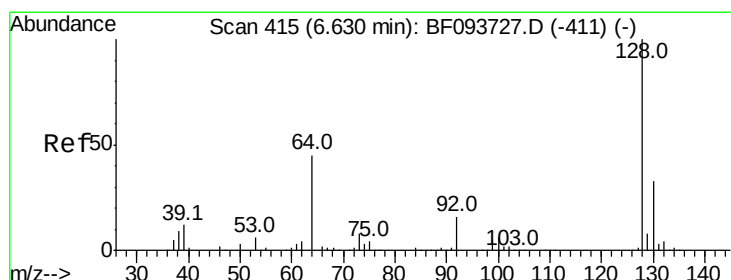
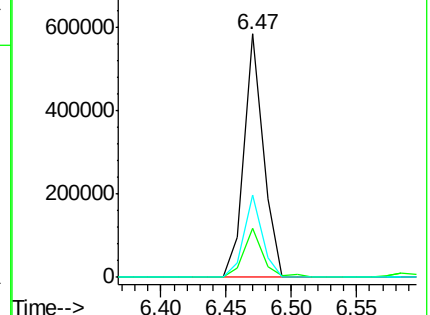
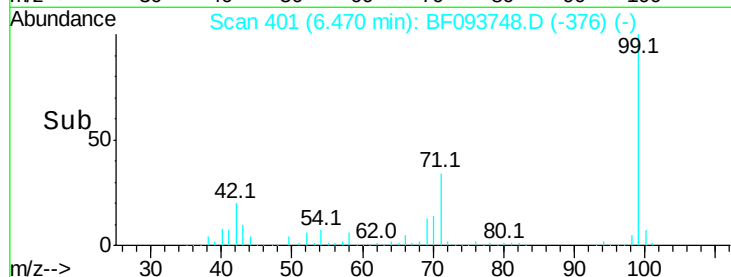
99 100

42 20.1 13.5 20.3

71 33.7 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 37.71 ng

RT: 6.63 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF093748.D

Acq: 18 Mar 2017 12:38

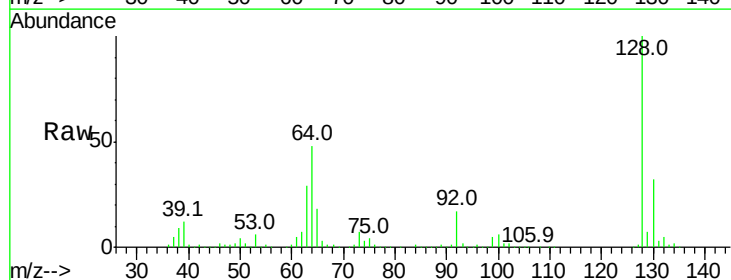
Tgt Ion: 128 Resp: 515298

Ion Ratio Lower Upper

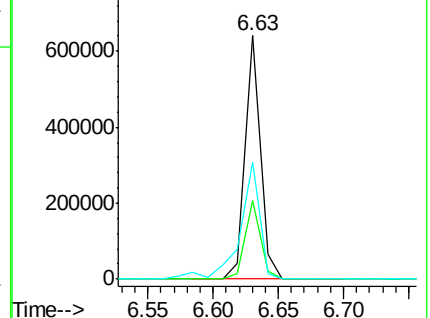
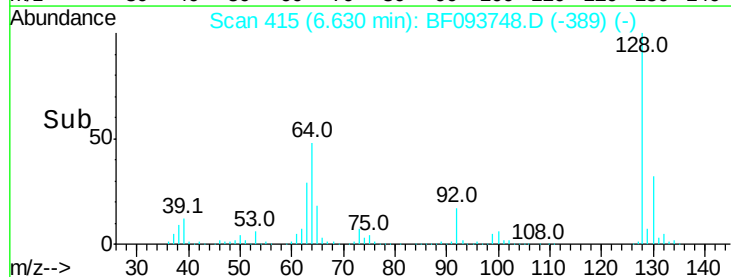
128 100

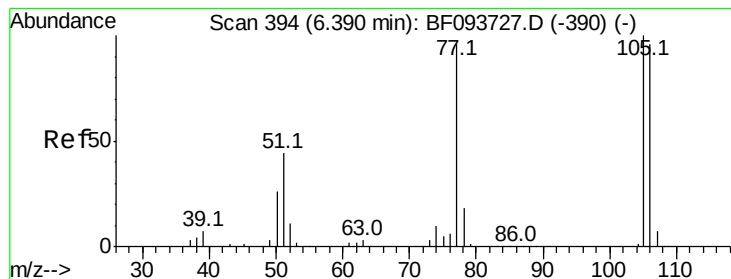
130 32.0 12.9 52.9

64 48.2 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





#9

Benzaldehyde

Concen: 43.92 ng

RT: 6.39 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF093748.D

Acq: 18 Mar 2017 12:38

Instrument :

BNA_F

ClientSampleId :

MW-102SMSD

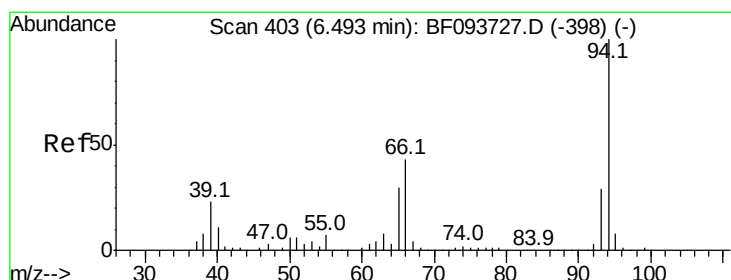
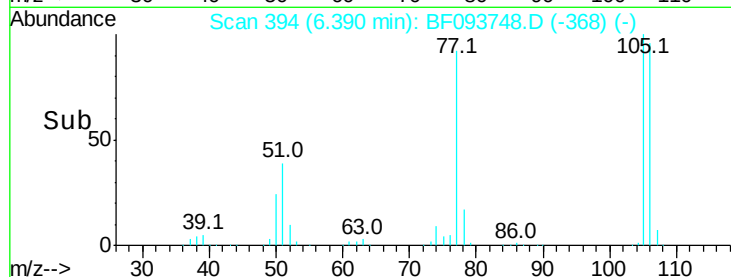
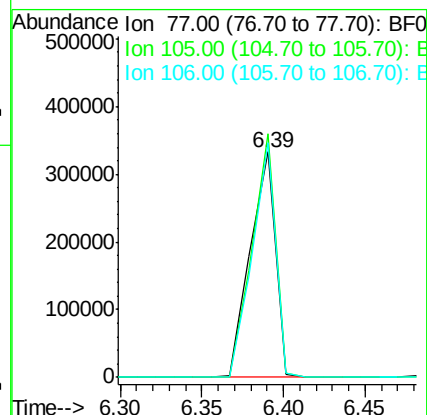
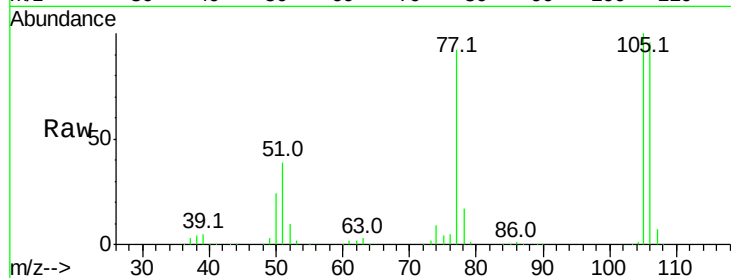
Tot Ion: 77 Resp: 354848

Ion Ratio Lower Upper

77 100

105 108.2 83.8 123.8

106 104.3 79.1 119.1



#10

Phenol

Concen: 15.60 ng

RT: 6.48 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF093748.D

Acq: 18 Mar 2017 12:38

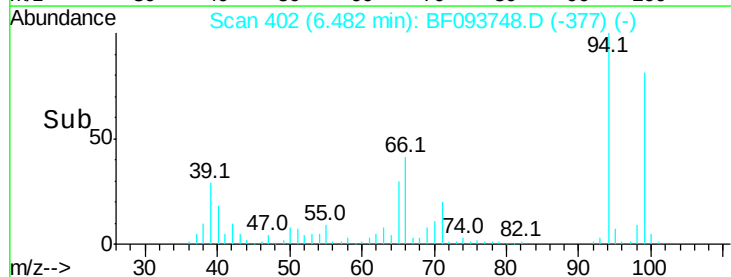
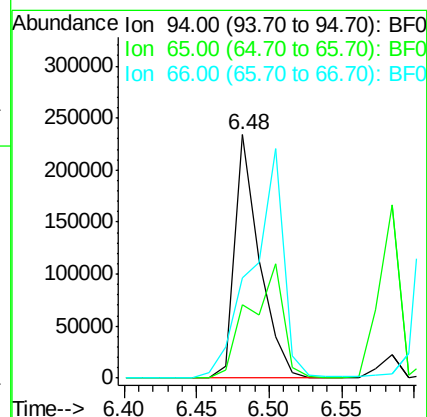
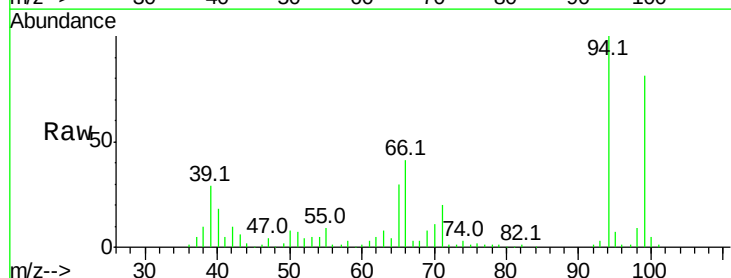
Tgt Ion: 94 Resp: 277764

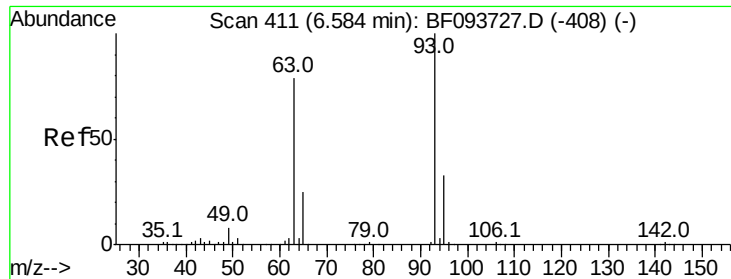
Ion Ratio Lower Upper

94 100

65 30.1 9.9 49.9

66 41.2 23.1 63.1

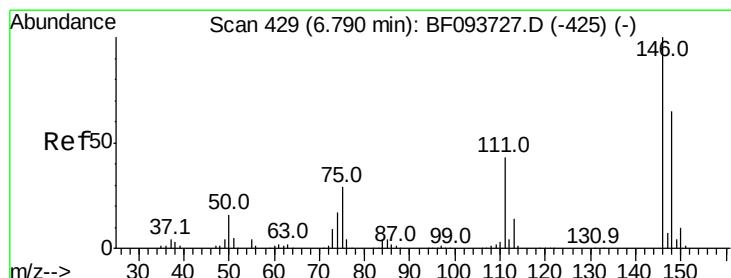
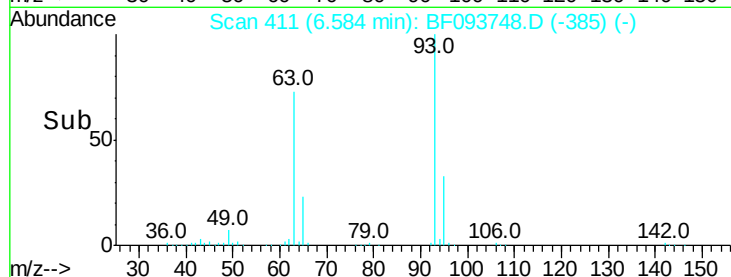
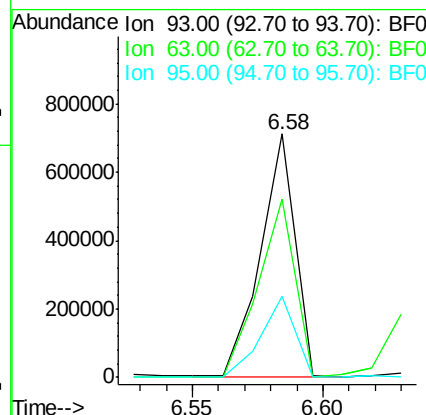
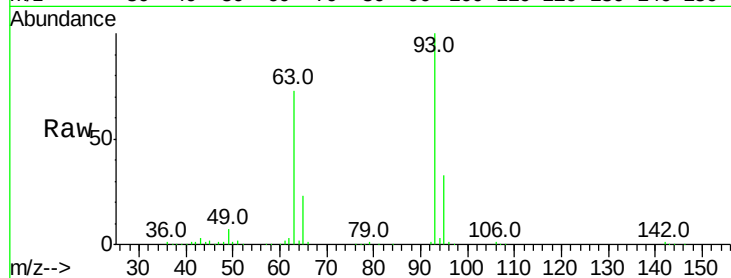




#11
bis(2-Chloroethyl)ether
Concen: 46.45 ng
RT: 6.58 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF093748.D
Acq: 18 Mar 2017 12:38

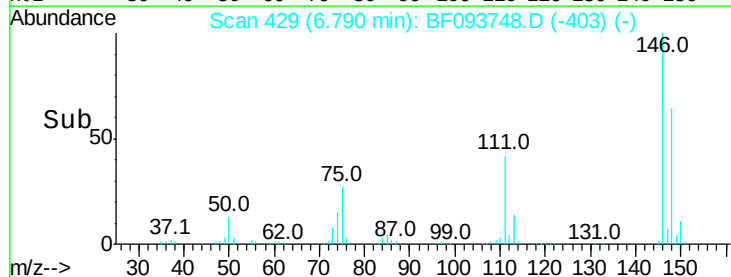
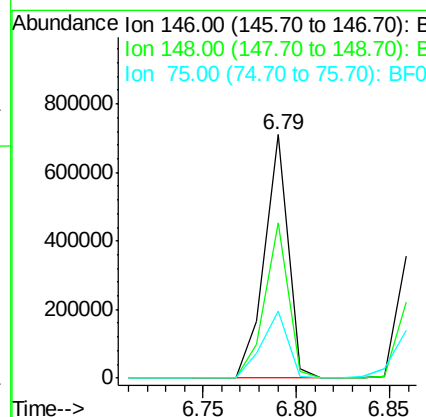
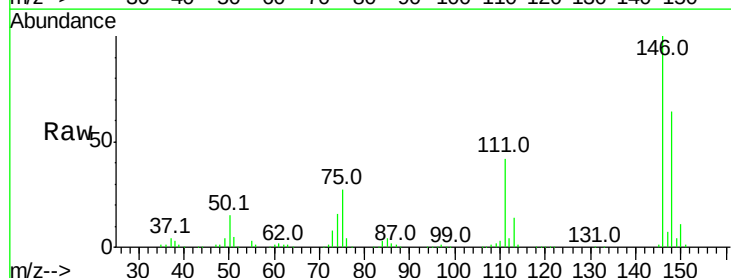
Instrument :
BNA_F
ClientSampleId :
MW-102SMSD

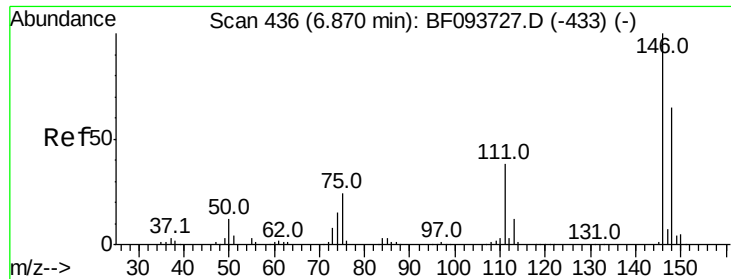
Tot Ion: 93 Resp: 651999
Ion Ratio Lower Upper
93 100
63 73.1 59.2 99.2
95 33.3 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 40.89 ng
RT: 6.79 min Scan# 429
Delta R.T. 0.00 min
Lab File: BF093748.D
Acq: 18 Mar 2017 12:38

Tgt Ion: 146 Resp: 619006
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.6
75 27.5 23.1 34.7

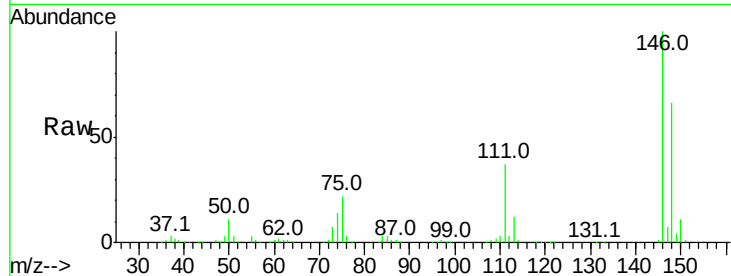




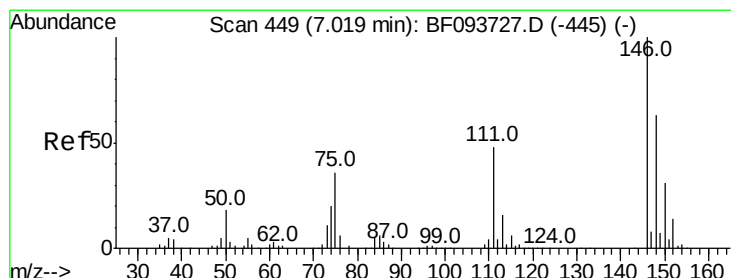
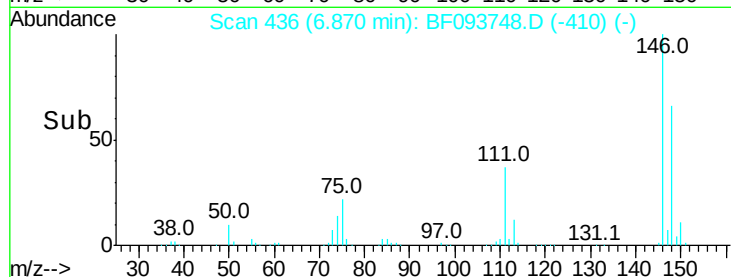
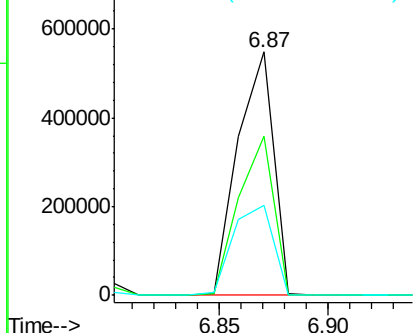
#13
 1,4-Dichlorobenzene
 Concen: 40.39 ng
 RT: 6.87 min Scan# 436
 Delta R.T. 0.00 min
 Lab File: BF093748.D
 Acq: 18 Mar 2017 12:38

Instrument :
 BNA_F
 ClientSampleId :
 MW-102SMSD

Tot Ion:146 Resp: 626143
 Ion Ratio Lower Upper
 146 100
 148 65.6 52.2 78.2
 111 37.0 30.3 45.5

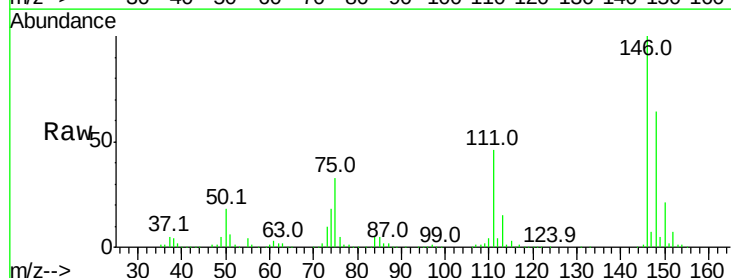


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

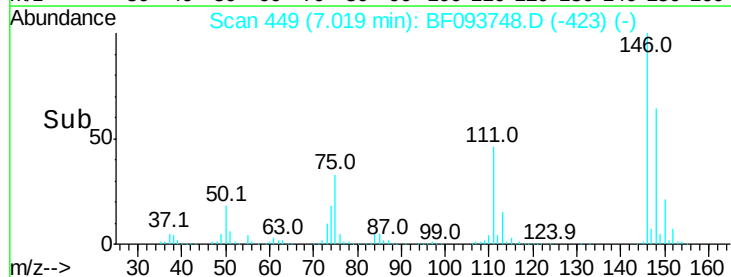
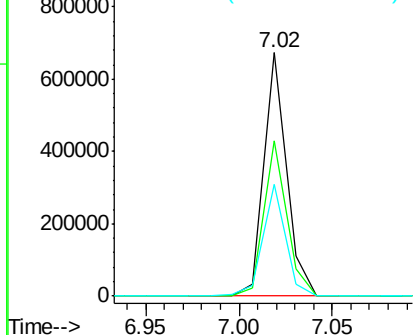


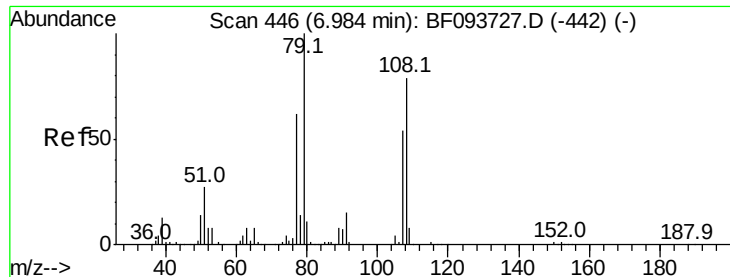
#14
 1,2-Dichlorobenzene
 Concen: 38.63 ng
 RT: 7.02 min Scan# 449
 Delta R.T. 0.00 min
 Lab File: BF093748.D
 Acq: 18 Mar 2017 12:38

Tgt Ion:146 Resp: 559943
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.4 75.6
 111 45.9 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: 29.47 ng

RT: 6.98 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF093748.D

Acq: 18 Mar 2017 12:38

Instrument :

BNA_F

ClientSampleId :

MW-102SMSD

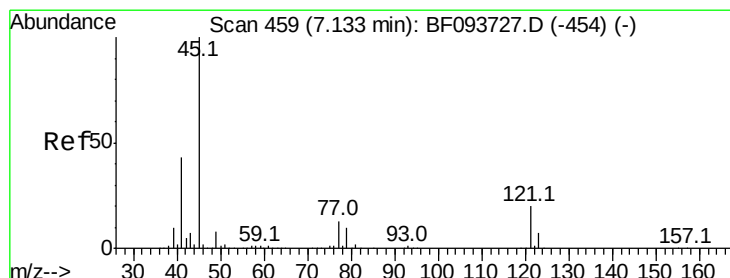
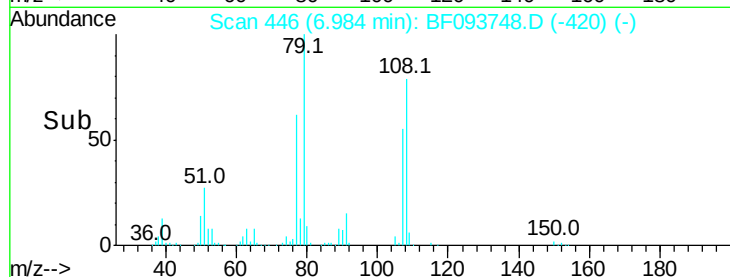
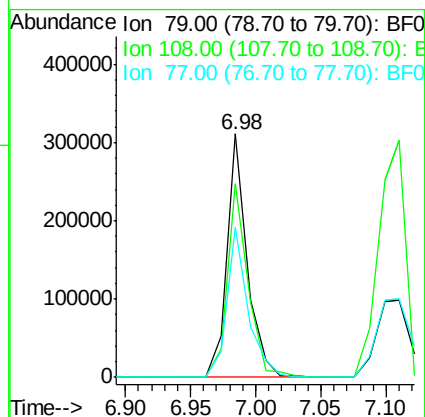
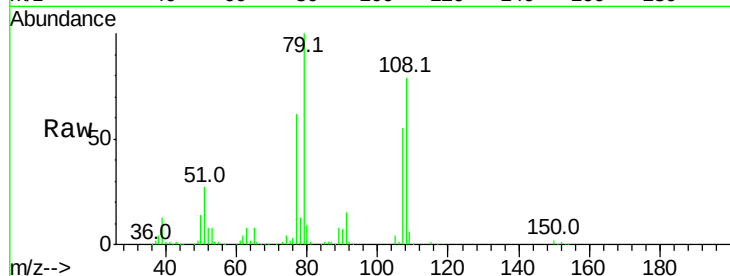
Tot Ion: 79 Resp: 336082

Ion Ratio Lower Upper

79 100

108 79.4 63.4 95.0

77 61.8 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.79 ng

RT: 7.13 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF093748.D

Acq: 18 Mar 2017 12:38

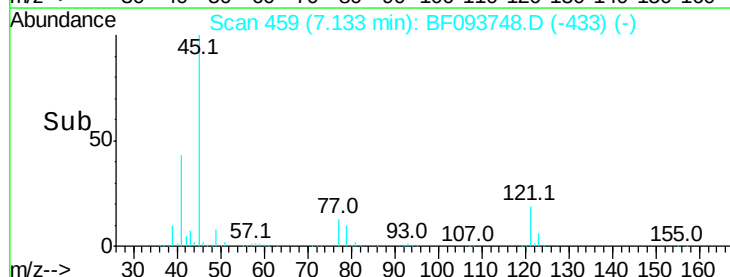
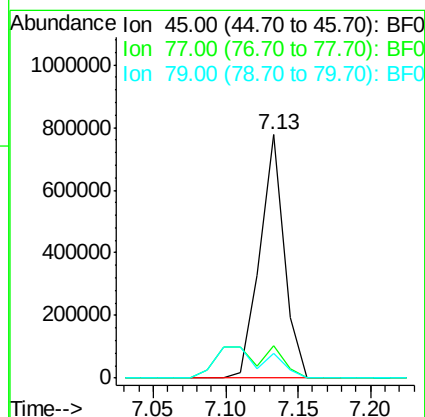
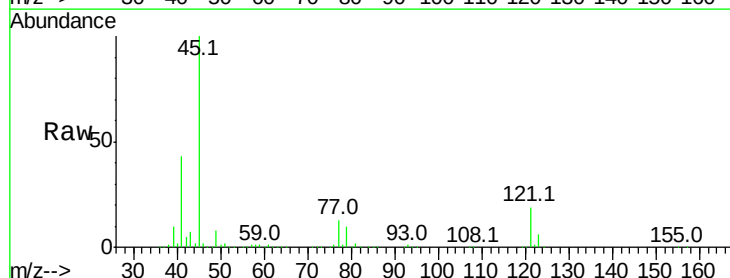
Tgt Ion: 45 Resp: 902555

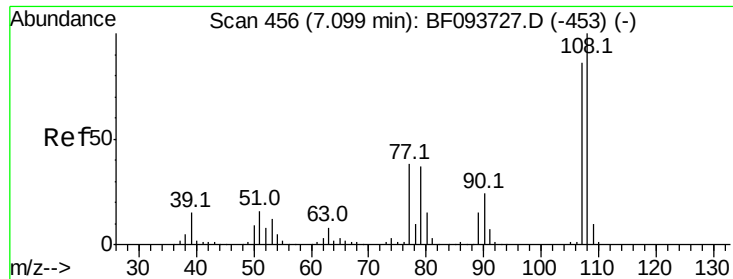
Ion Ratio Lower Upper

45 100

77 13.2 0.0 33.2

79 10.1 0.0 30.0





#17

2-Methylphenol

Concen: 31.61 ng

RT: 7.11 min Scan# 457

Delta R.T. 0.01 min

Lab File: BF093748.D

Acq: 18 Mar 2017 12:38

Instrument :

BNA_F

ClientSampleId :

MW-102SMSD

Tot Ion:107 Resp: 373916

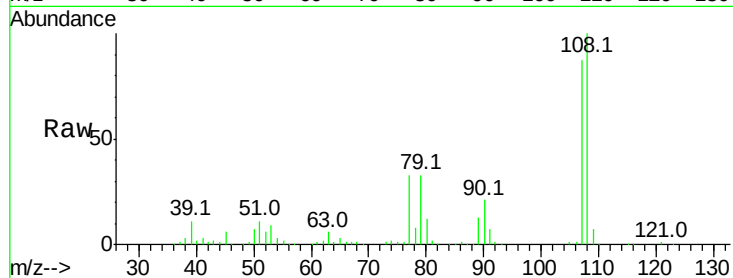
Ion Ratio Lower Upper

107 100

108 115.1 93.4 140.0

77 37.8 35.8 53.6

79 37.5 34.8 52.2

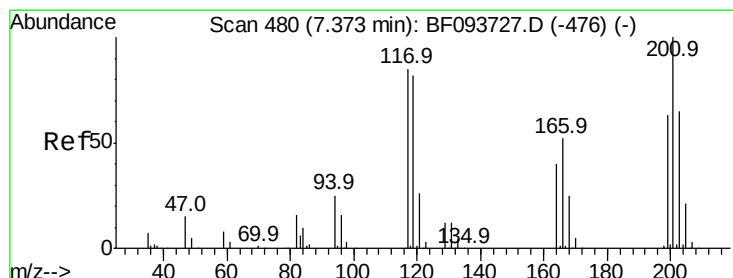
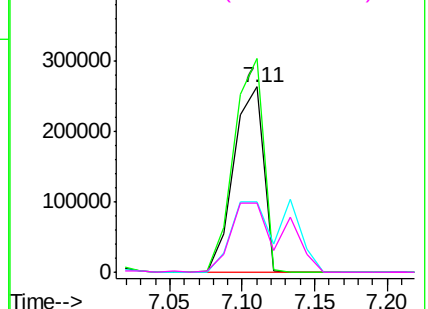
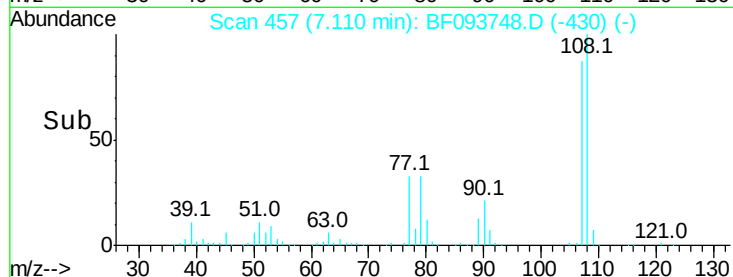


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.00 ng

RT: 7.36 min Scan# 479

Delta R.T. -0.01 min

Lab File: BF093748.D

Acq: 18 Mar 2017 12:38

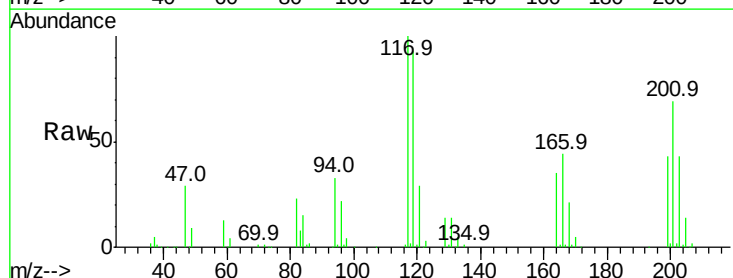
Tgt Ion:117 Resp: 214821

Ion Ratio Lower Upper

117 100

119 93.1 77.4 116.0

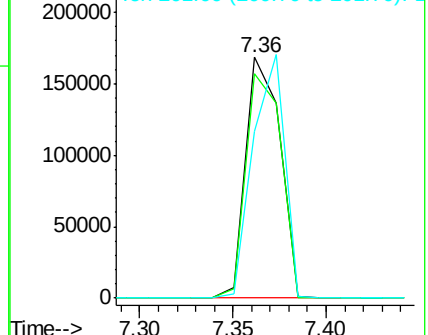
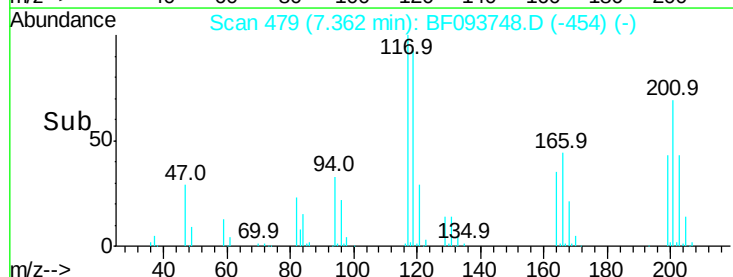
201 69.2 94.6 141.8#

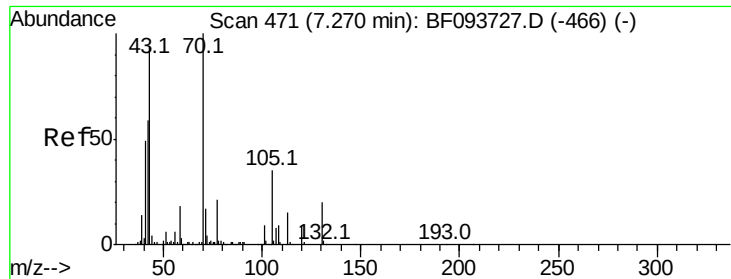


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

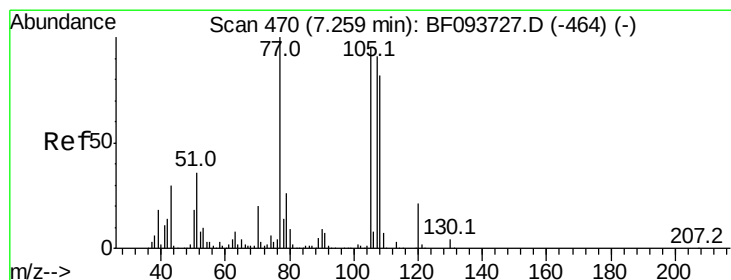
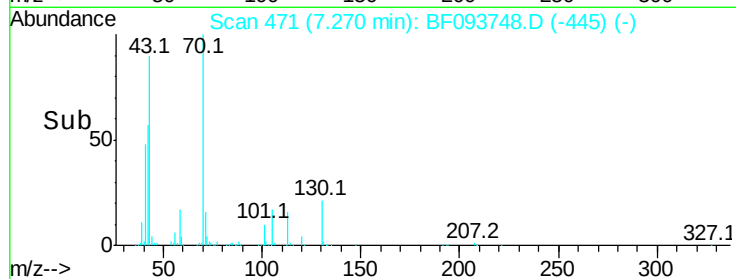
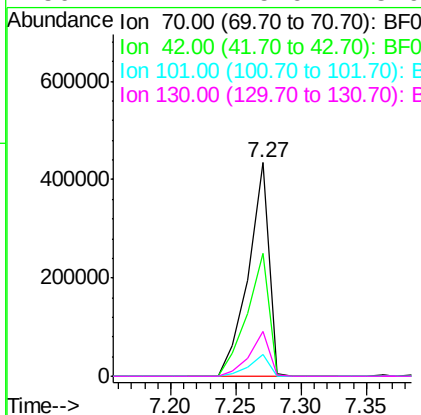
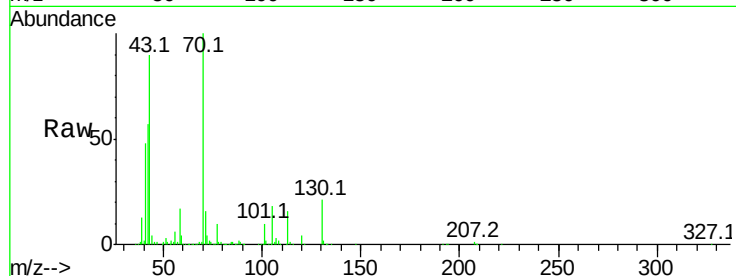




#19
n-Nitroso-di-n-propylamine
Concen: 47.58 ng
RT: 7.27 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF093748.D
Acq: 18 Mar 2017 12:38

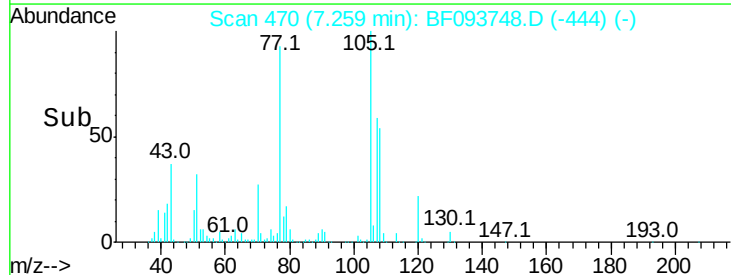
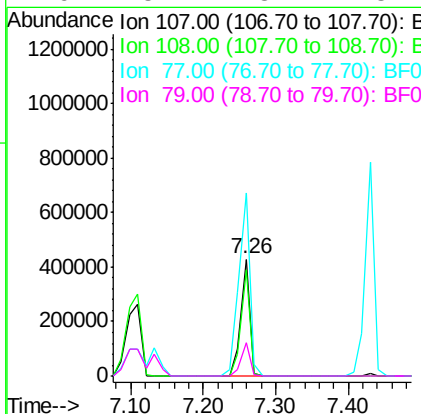
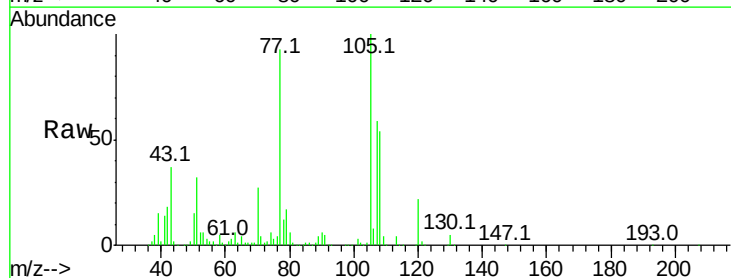
Instrument :
BNA_F
ClientSampleId :
MW-102SMSD

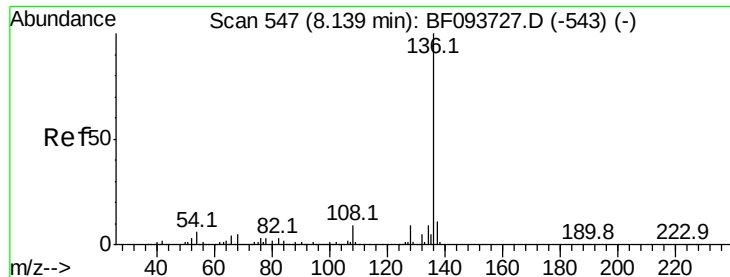
Tot Ion:	70	Resp:	481235
Ion	Ratio	Lower	Upper
70	100		
42	57.4	47.2	70.8
101	10.0	7.2	10.8
130	21.1	15.9	23.9



#20
3+4-Methylphenols
Concen: 26.68 ng
RT: 7.26 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF093748.D
Acq: 18 Mar 2017 12:38

Tgt Ion:	107	Resp:	374088
Ion	Ratio	Lower	Upper
107	100		
108	91.0	71.0	111.0
77	156.8	90.5	130.5#
79	28.1	8.4	48.4

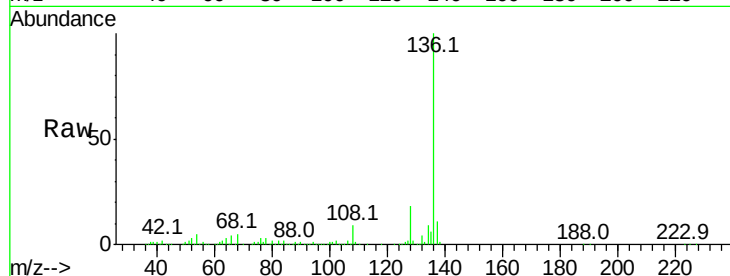




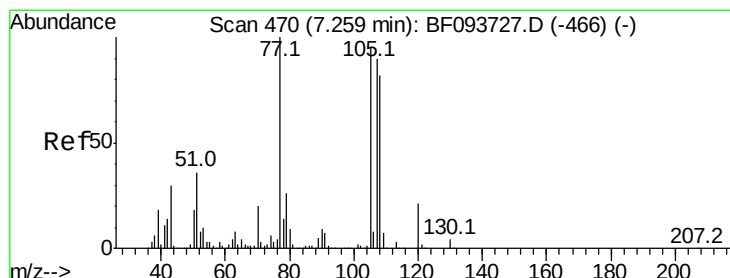
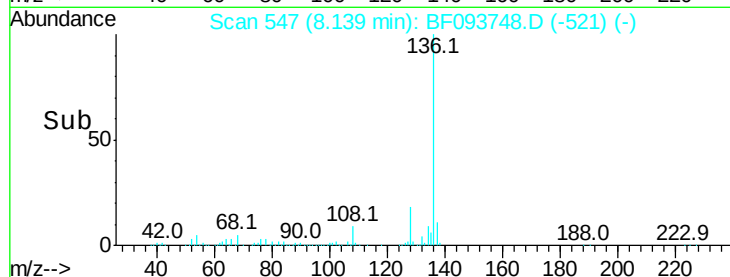
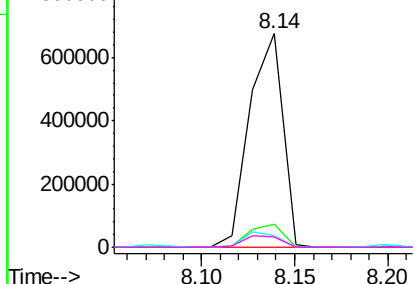
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF093748.D
Acq: 18 Mar 2017 12:38

Instrument :
BNA_F
ClientSampleId :
MW-102SMSD

Tot Ion:136	Resp:	835262
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.5 12.7
54	5.4	4.9 7.3
68	4.9	4.1 6.1

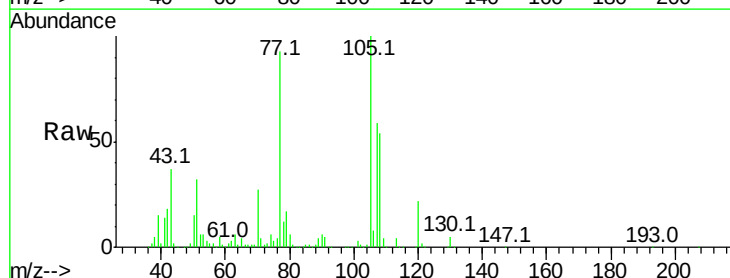


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

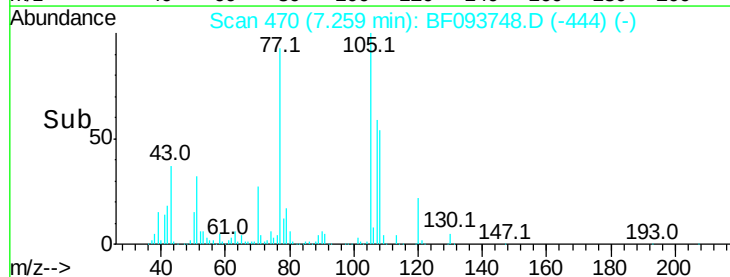
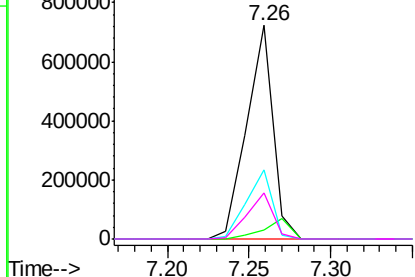


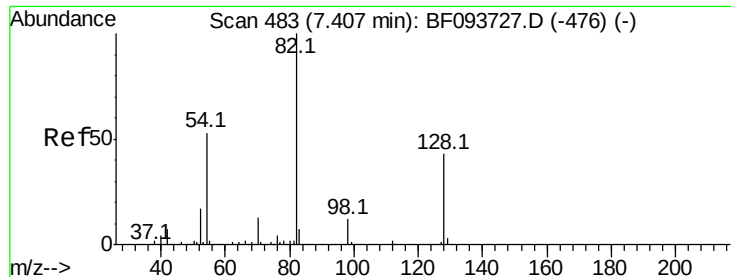
#22
Acetophenone
Concen: 43.39 ng
RT: 7.26 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF093748.D
Acq: 18 Mar 2017 12:38

Tgt Ion:105	Resp:	807419
Ion Ratio	Lower	Upper
105	100	
71	4.5	2.8 4.2#
51	32.3	30.7 46.1
120	21.8	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



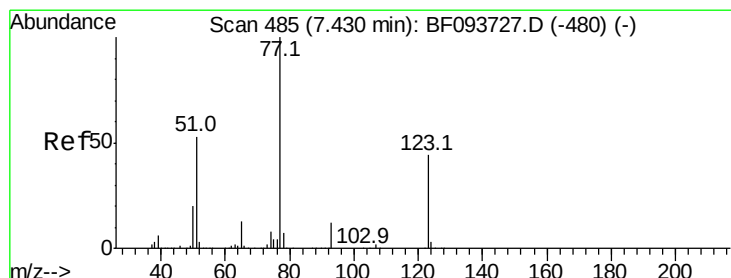
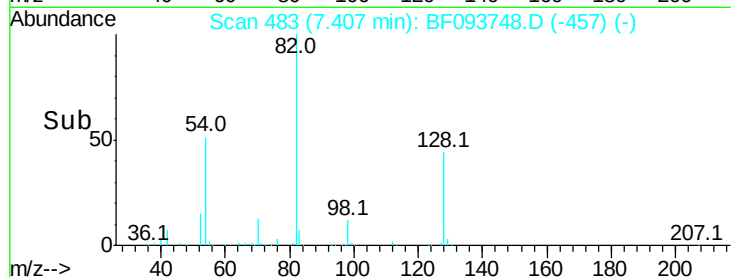
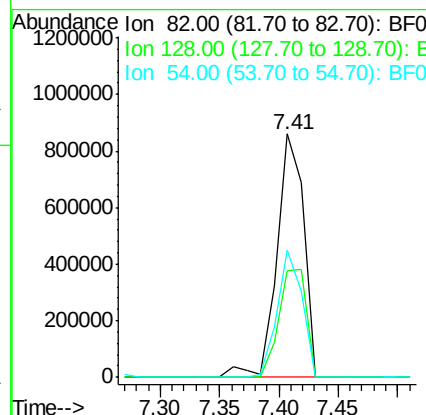
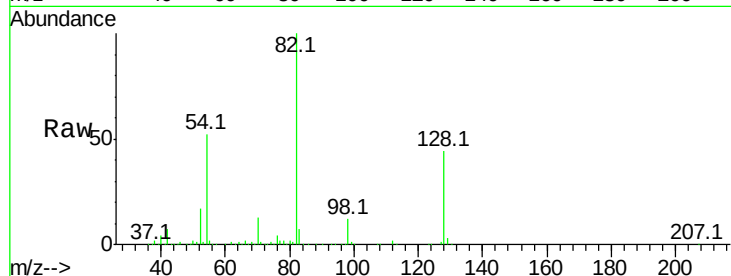


#23
 Nitrobenzene-d5
 Concen: 96.09 ng
 RT: 7.41 min Scan# 483
 Delta R.T. 0.00 min
 Lab File: BF093748.D
 Acq: 18 Mar 2017 12:38

Instrument :
 BNA_F
 ClientSampleId :
 MW-102SMSD

Tot Ion: 82 Resp: 1337287

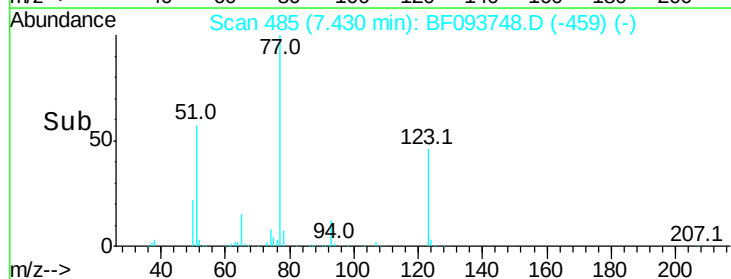
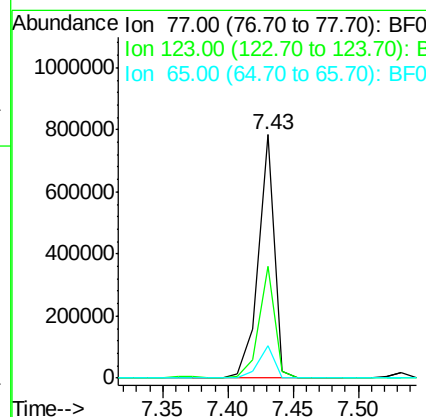
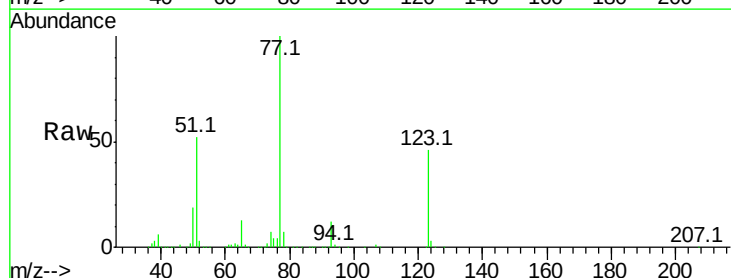
Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.0	51.0
54	52.1	42.2	63.2

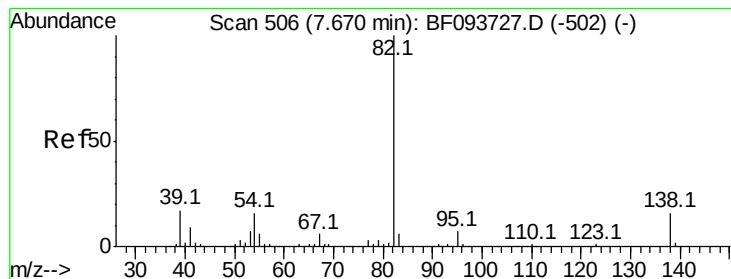


#24
 Nitrobenzene
 Concen: 44.61 ng
 RT: 7.43 min Scan# 485
 Delta R.T. 0.00 min
 Lab File: BF093748.D
 Acq: 18 Mar 2017 12:38

Tgt Ion: 77 Resp: 671190

Ion	Ratio	Lower	Upper
77	100		
123	45.9	35.8	53.8
65	13.2	10.6	15.8





#25

Isophorone

Concen: 46.75 ng

RT: 7.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF093748.D

Acq: 18 Mar 2017 12:38

Instrument :

BNA_F

ClientSampleId :

MW-102SMSD

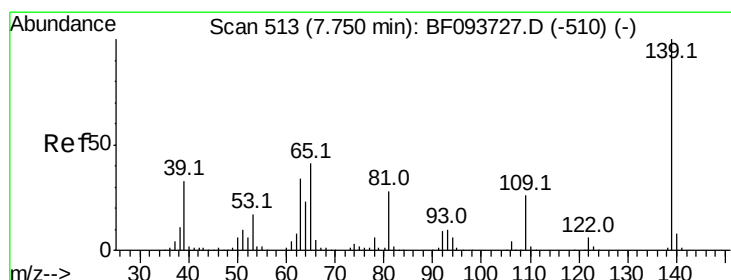
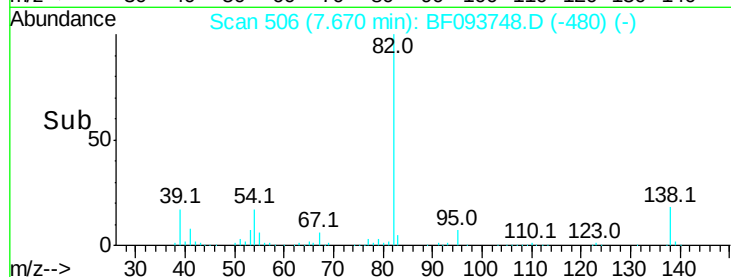
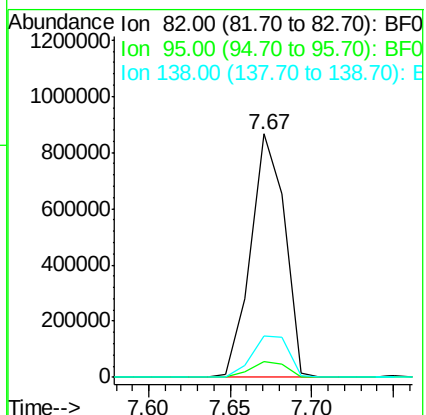
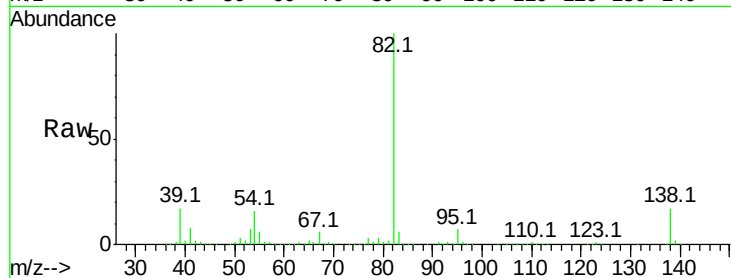
Tot Ion: 82 Resp: 1252462

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 17.2 13.1 19.7



#26

2-Nitrophenol

Concen: 61.59 ng

RT: 7.75 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF093748.D

Acq: 18 Mar 2017 12:38

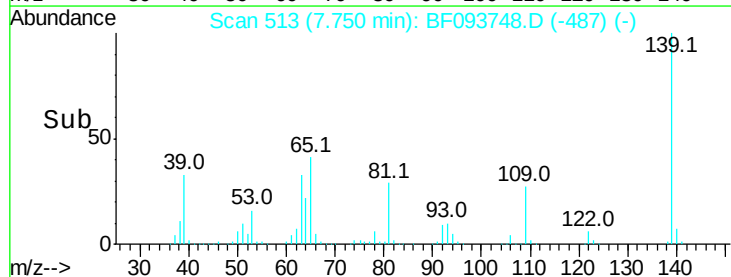
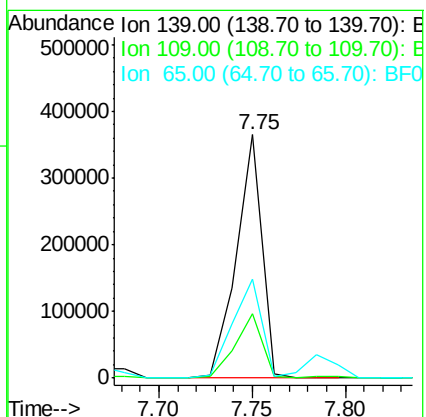
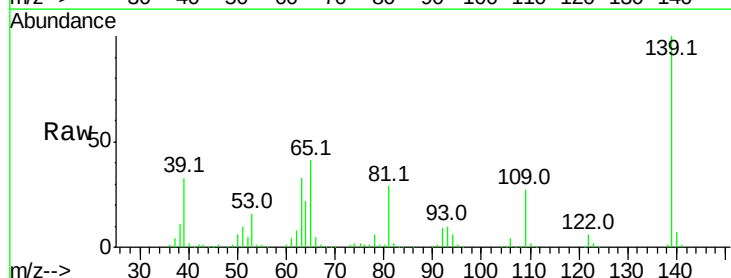
Tgt Ion: 139 Resp: 350835

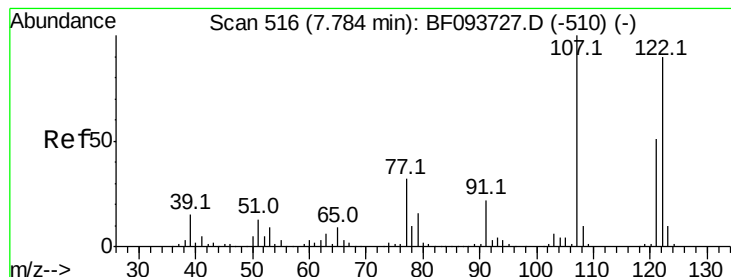
Ion Ratio Lower Upper

139 100

109 26.5 21.0 31.6

65 40.6 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 41.47 ng

RT: 7.78 min Scan# 516

Delta R.T. 0.00 min

Lab File: BF093748.D

Acq: 18 Mar 2017 12:38

Instrument :

BNA_F

ClientSampleId :

MW-102SMSD

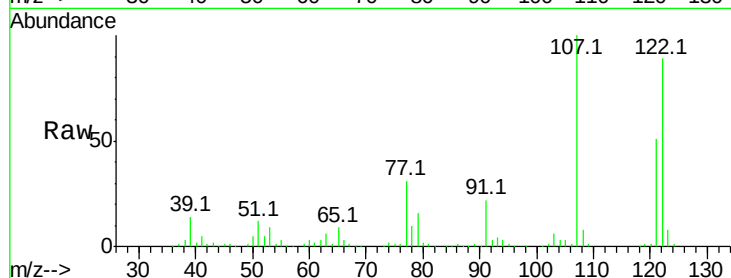
Tot Ion:122 Resp: 540599

Ion Ratio Lower Upper

122 100

107 112.4 89.2 133.8

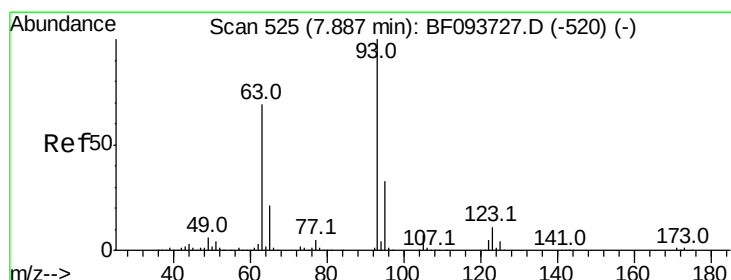
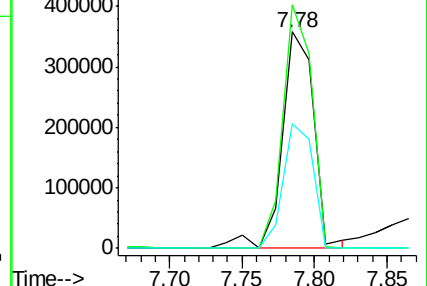
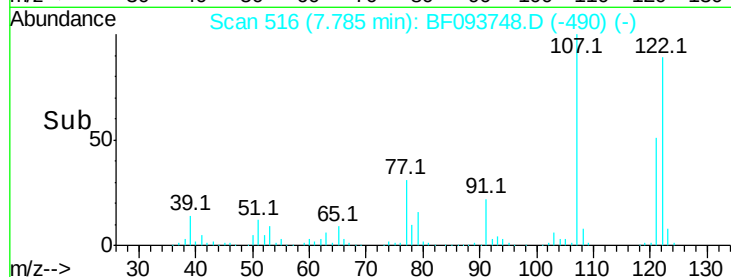
121 57.8 45.2 67.8



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: 47.85 ng

RT: 7.89 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF093748.D

Acq: 18 Mar 2017 12:38

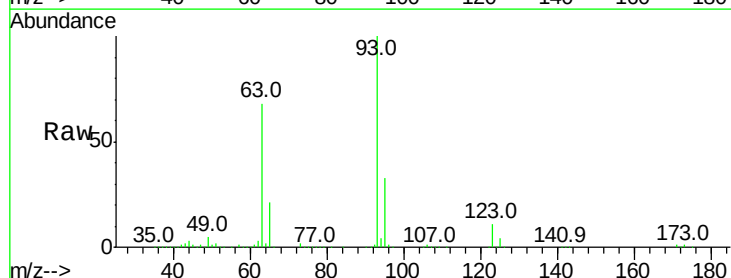
Tgt Ion: 93 Resp: 809142

Ion Ratio Lower Upper

93 100

95 32.6 26.5 39.7

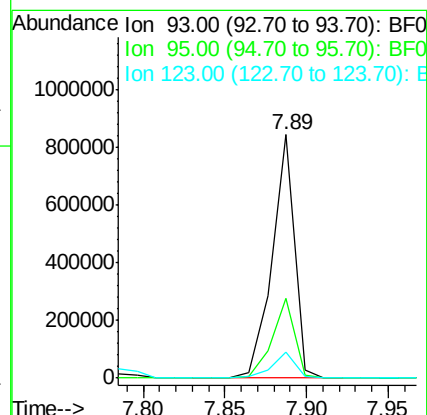
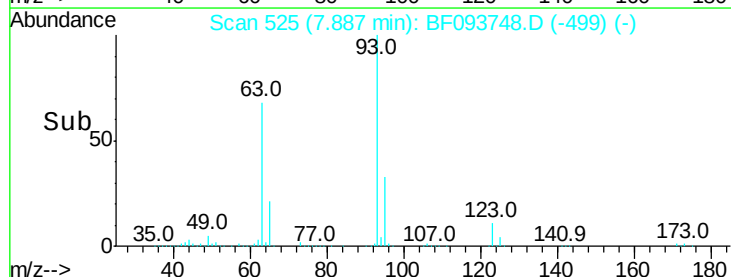
123 10.9 9.0 13.4

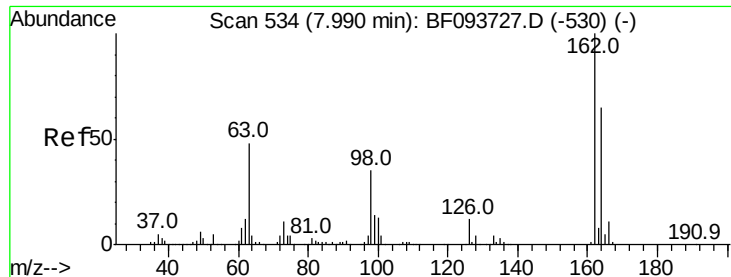


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 46.29 ng

RT: 7.99 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF093748.D

Acq: 18 Mar 2017 12:38

Instrument :

BNA_F

ClientSampleId :

MW-102SMSD

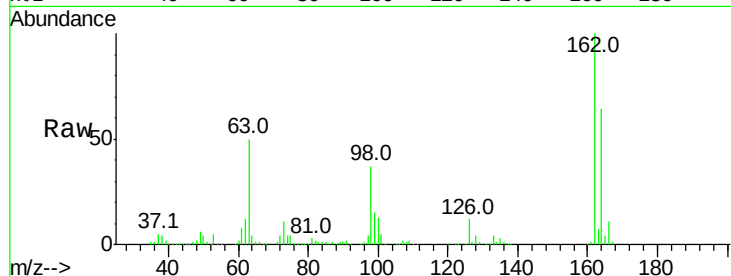
Tot Ion:162 Resp: 518375

Ion Ratio Lower Upper

162 100

164 64.1 44.6 84.6

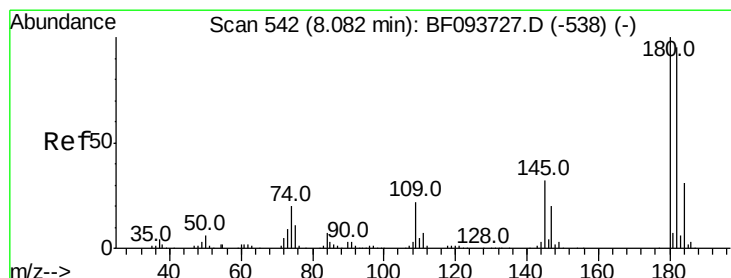
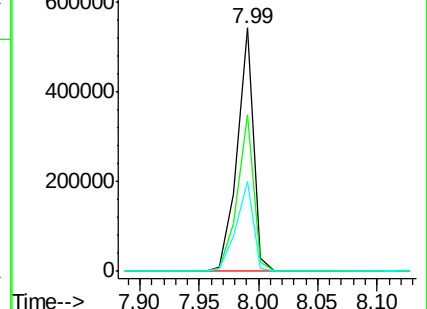
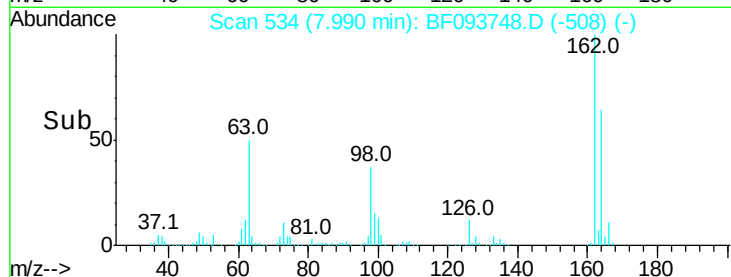
98 36.7 14.8 54.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 44.88 ng

RT: 8.08 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF093748.D

Acq: 18 Mar 2017 12:38

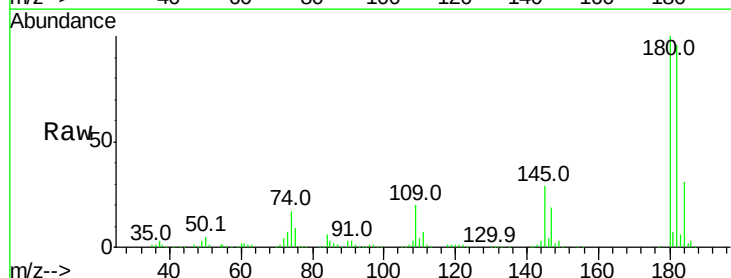
Tgt Ion:180 Resp: 523834

Ion Ratio Lower Upper

180 100

182 96.2 75.8 113.6

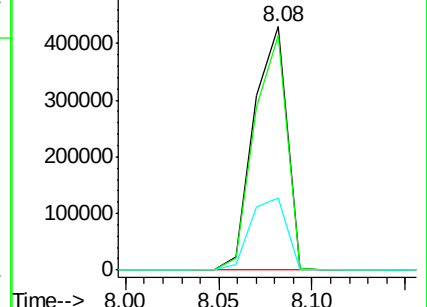
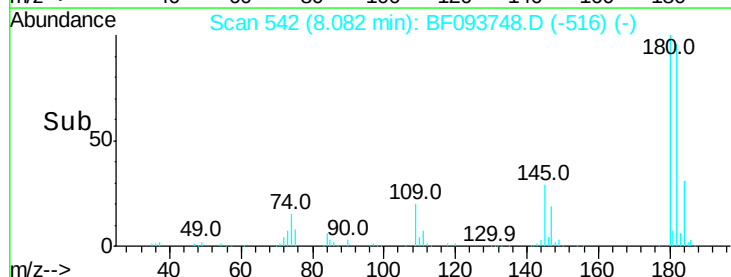
145 29.5 25.3 37.9

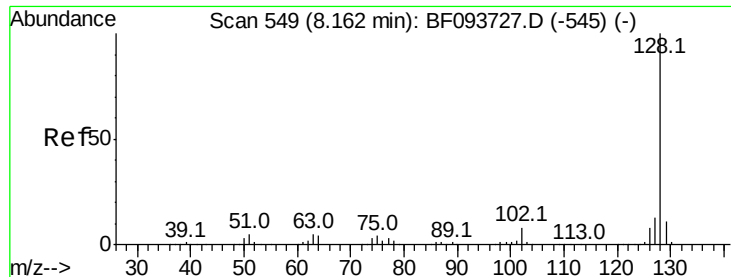


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

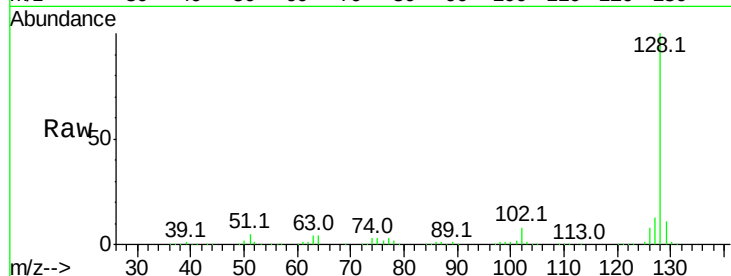




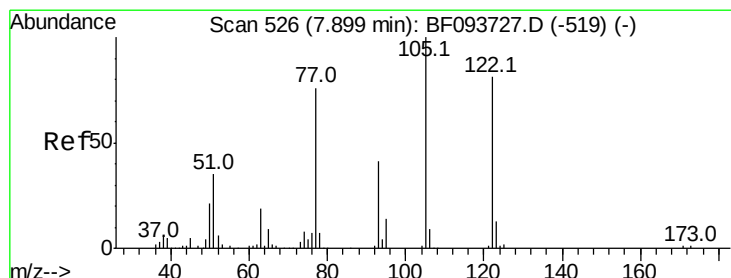
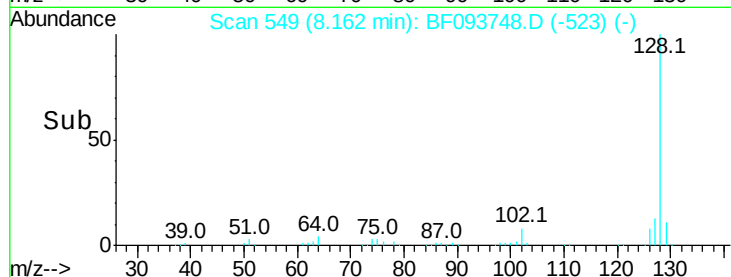
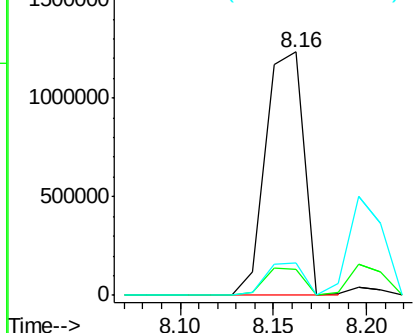
#31
Naphthalene
Concen: 42.73 ng
RT: 8.16 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF093748.D
Acq: 18 Mar 2017 12:38

Instrument :
BNA_F
ClientSampleId :
MW-102SMSD

Tot Ion:128 Resp: 1739944
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.6
127 13.5 10.8 16.2

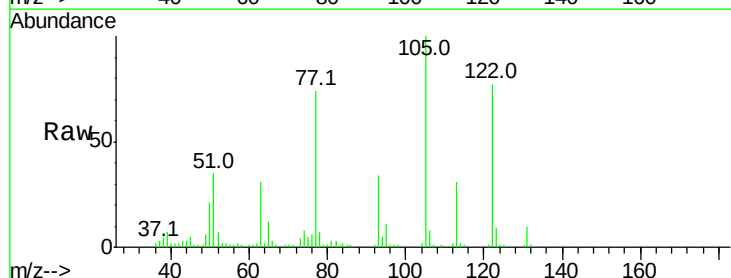


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

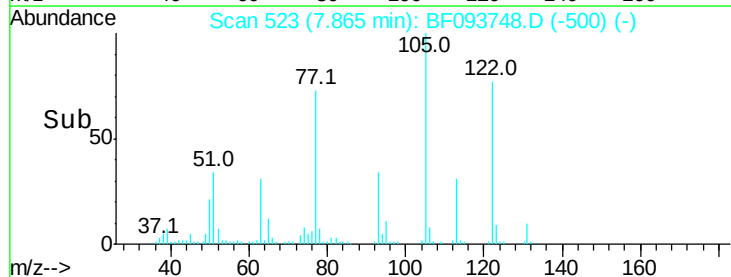
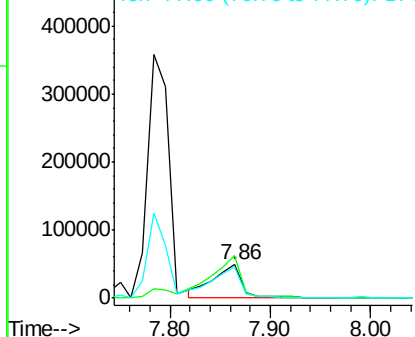


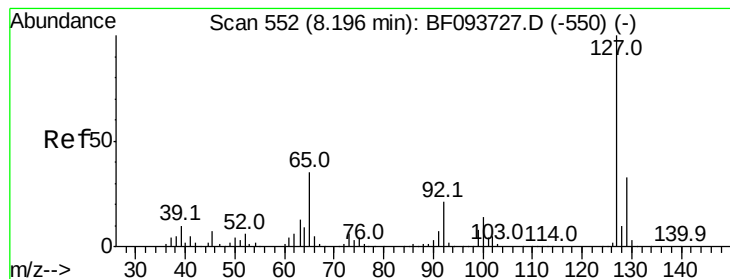
#32
Benzoic acid
Concen: 15.23 ng
RT: 7.86 min Scan# 523
Delta R.T. -0.03 min
Lab File: BF093748.D
Acq: 18 Mar 2017 12:38

Tgt Ion:122 Resp: 99668
Ion Ratio Lower Upper
122 100
105 129.4 103.3 143.3
77 95.5 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

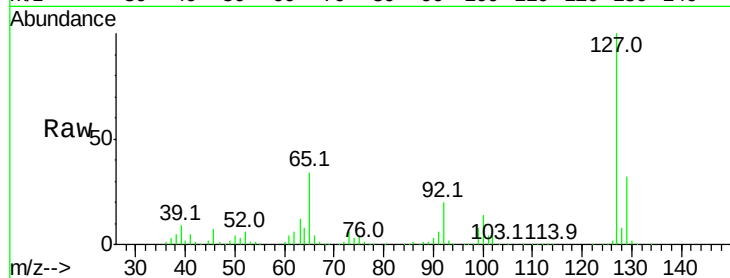




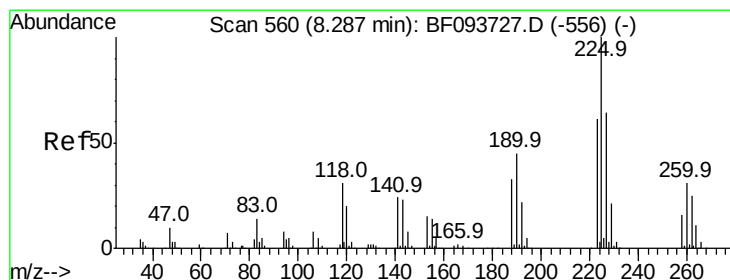
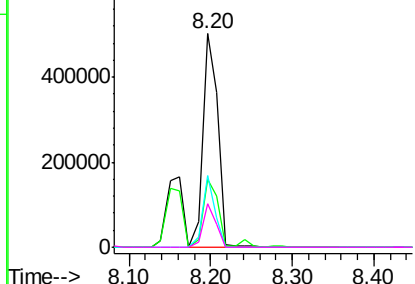
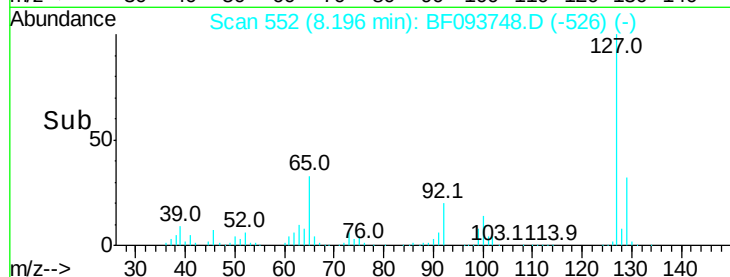
#33
 4-Chloroaniline
 Concen: 37.86 ng
 RT: 8.20 min Scan# 552
 Delta R.T. 0.00 min
 Lab File: BF093748.D
 Acq: 18 Mar 2017 12:38

Instrument :
 BNA_F
 ClientSampleId :
 MW-102SMSD

Tot Ion:	127	Resp:	645744
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.2	39.2
65	33.5	27.8	41.8
92	20.3	16.8	25.2

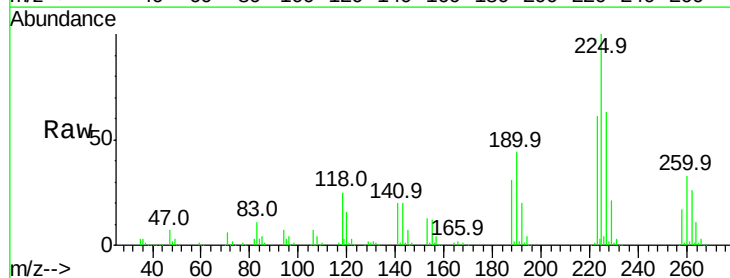


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

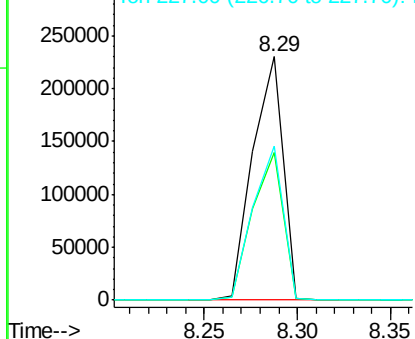
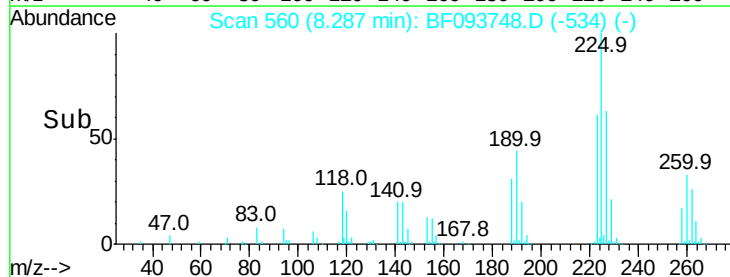


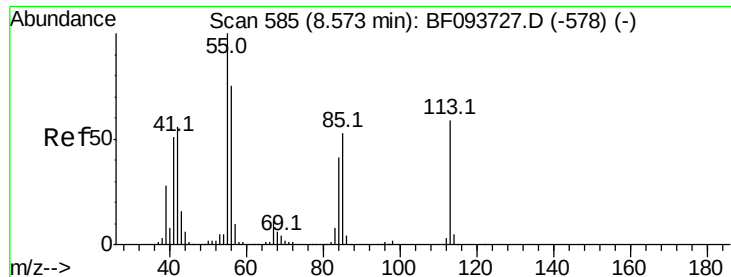
#34
 Hexachlorobutadiene
 Concen: 42.40 ng
 RT: 8.29 min Scan# 560
 Delta R.T. 0.00 min
 Lab File: BF093748.D
 Acq: 18 Mar 2017 12:38

Tgt Ion:	225	Resp:	259224
Ion	Ratio	Lower	Upper
225	100		
223	60.8	48.8	73.2
227	63.3	51.1	76.7



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

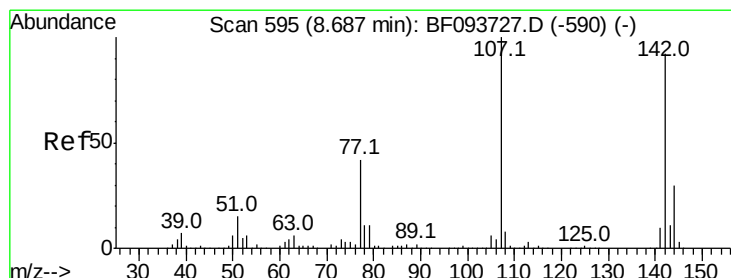
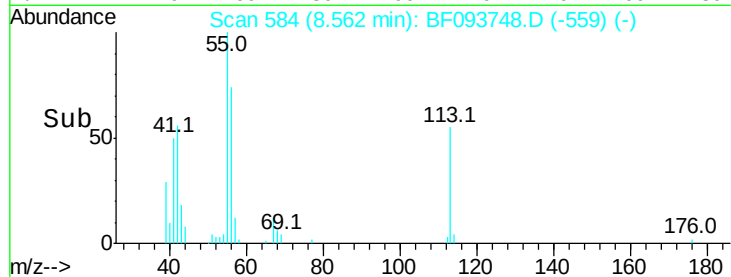
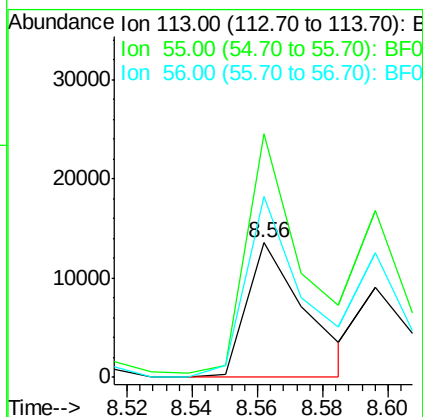
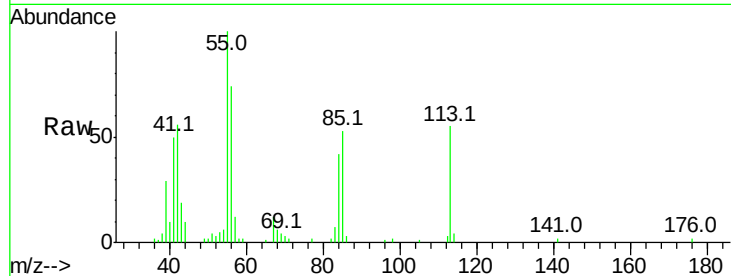




#35
 Caprolactam
 Concen: 4.47 ng
 RT: 8.56 min Scan# 584
 Delta R.T. -0.01 min
 Lab File: BF093748.D
 Acq: 18 Mar 2017 12:38

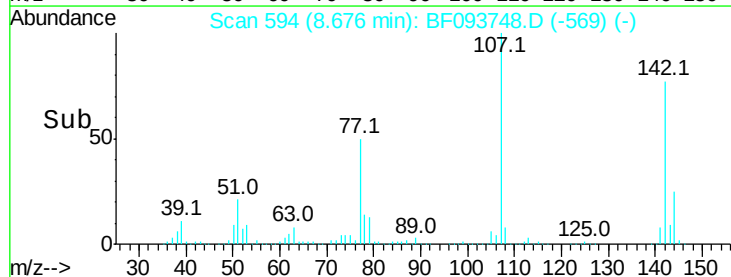
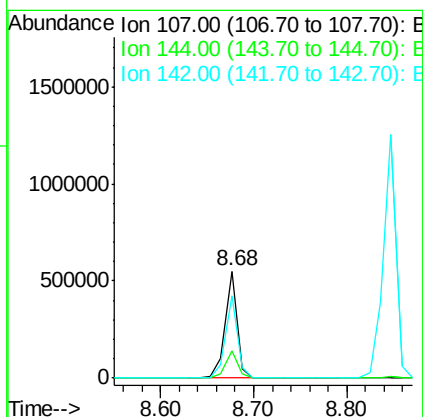
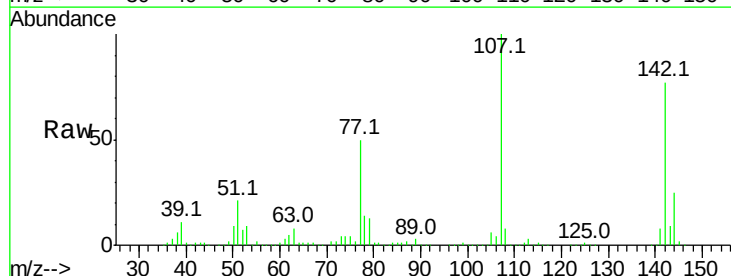
Instrument :
 BNA_F
 ClientSampleId :
 MW-102SMSD

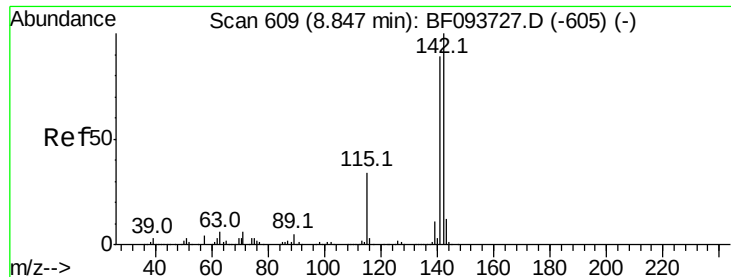
Tot Ion:113 Resp: 16803
 Ion Ratio Lower Upper
 113 100
 55 180.8 150.2 190.2
 56 134.2 107.8 147.8



#36
 4-Chloro-3-methylphenol
 Concen: 41.63 ng
 RT: 8.68 min Scan# 594
 Delta R.T. -0.01 min
 Lab File: BF093748.D
 Acq: 18 Mar 2017 12:38

Tgt Ion:107 Resp: 490907
 Ion Ratio Lower Upper
 107 100
 144 25.0 24.2 36.4
 142 77.0 73.4 110.0





#37

2-Methylnaphthalene

Concen: 45.13 ng

RT: 8.85 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF093748.D

Acq: 18 Mar 2017 12:38

Instrument :

BNA_F

ClientSampleId :

MW-102SMSD

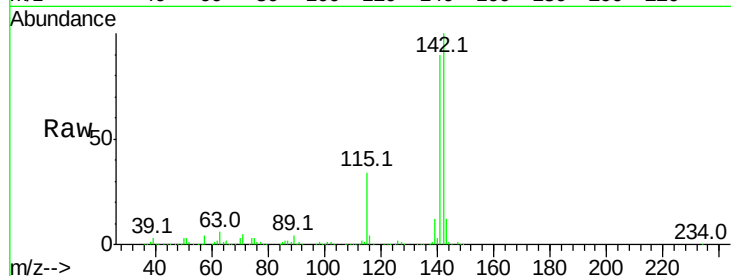
Tot Ion:142 Resp: 1190487

Ion Ratio Lower Upper

142 100

141 90.2 71.3 106.9

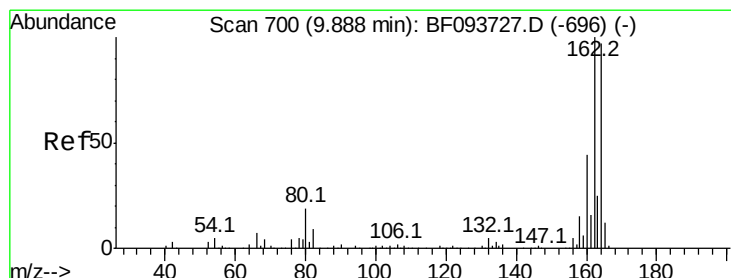
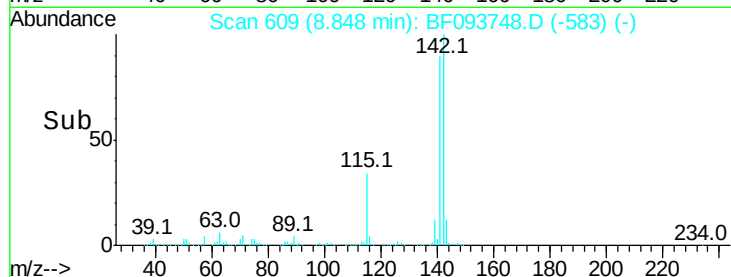
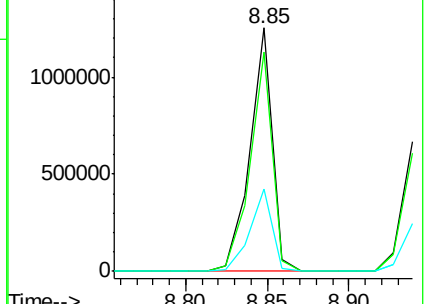
115 33.8 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF093748.D

Acq: 18 Mar 2017 12:38

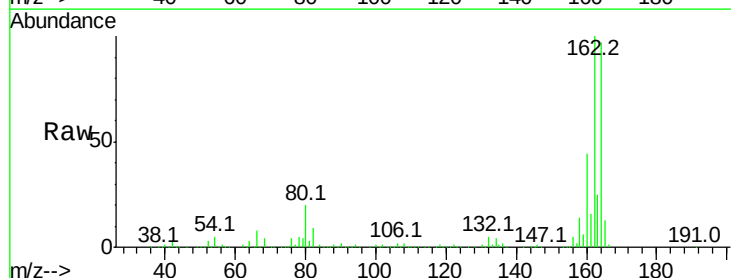
Tgt Ion:164 Resp: 389617

Ion Ratio Lower Upper

164 100

162 102.9 82.6 123.8

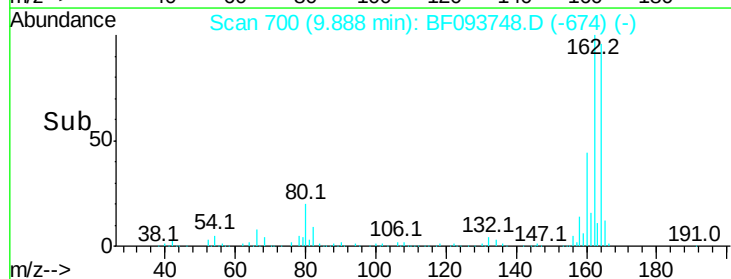
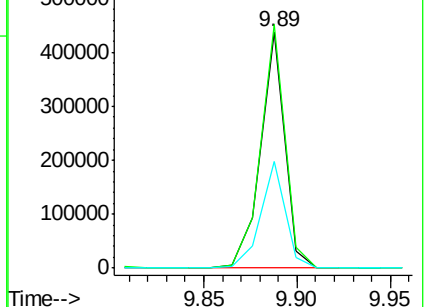
160 45.2 36.2 54.2

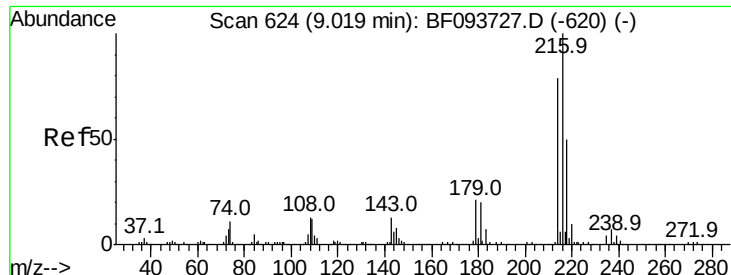


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 49.62 ng

RT: 9.02 min Scan# 624

Delta R.T. 0.00 min

Lab File: BF093748.D

Acq: 18 Mar 2017 12:38

Instrument :

BNA_F

ClientSampleId :

MW-102SMSD

Tot Ion:216 Resp: 452664

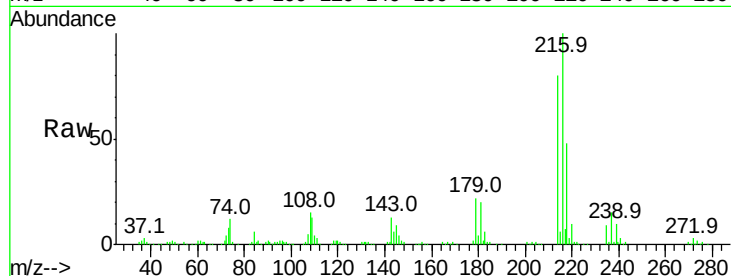
Ion Ratio Lower Upper

216 100

214 80.3 63.4 95.2

179 22.9 17.9 26.9

108 21.8 16.5 24.7

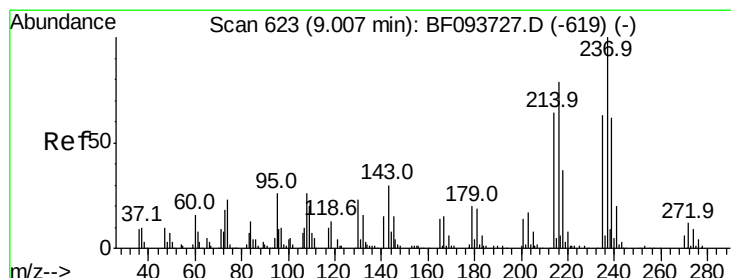
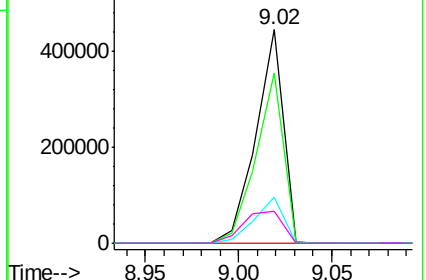
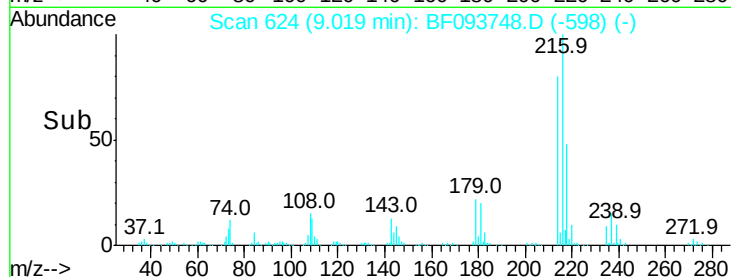


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 86.03 ng

RT: 9.01 min Scan# 623

Delta R.T. 0.00 min

Lab File: BF093748.D

Acq: 18 Mar 2017 12:38

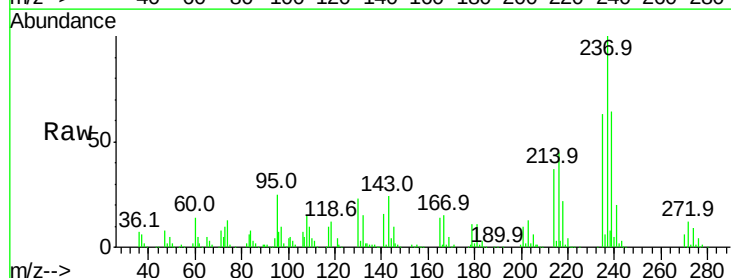
Tgt Ion:237 Resp: 392099

Ion Ratio Lower Upper

237 100

235 63.3 42.6 82.6

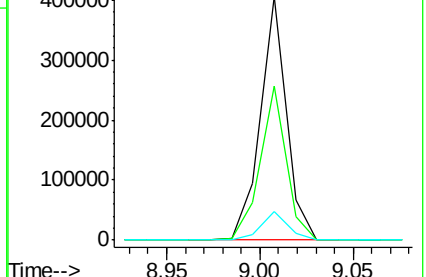
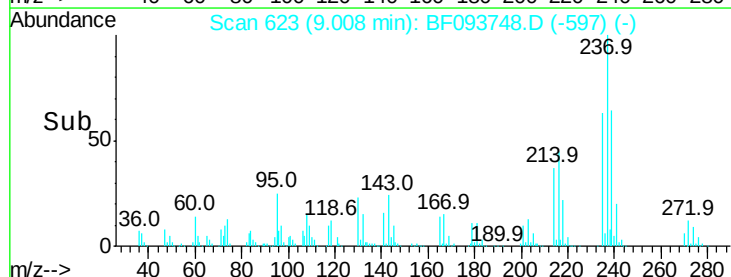
272 11.9 0.0 31.9

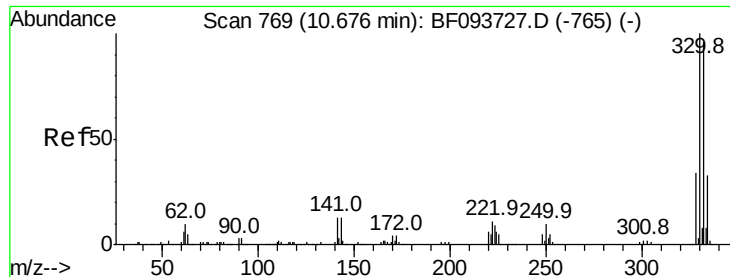


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

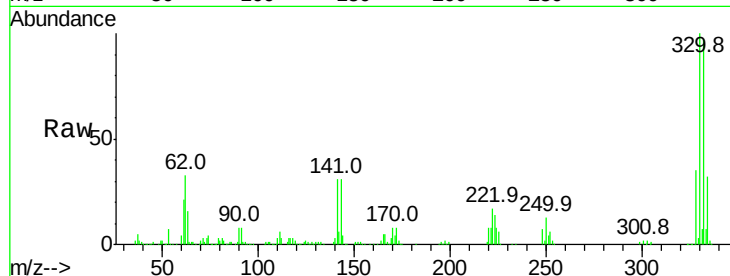




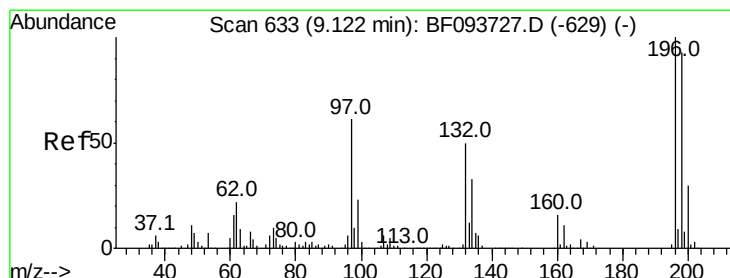
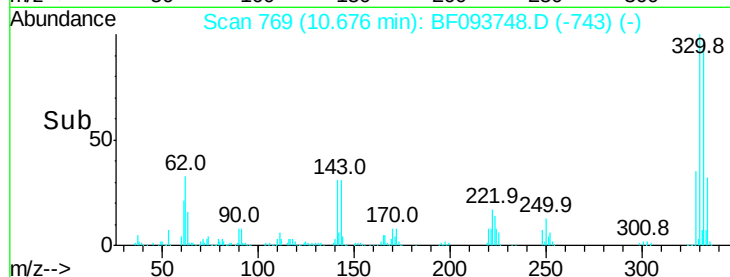
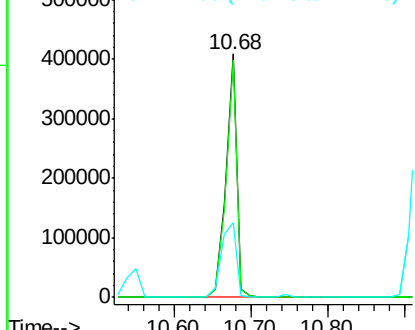
#41
 2,4,6-Tribromophenol
 Concen: 161.14 ng
 RT: 10.68 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BF093748.D
 Acq: 18 Mar 2017 12:38

Instrument :
 BNA_F
 ClientSampleId :
 MW-102SMSD

Tot Ion:330 Resp: 410894
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 115.0
 141 42.3 31.4 47.2

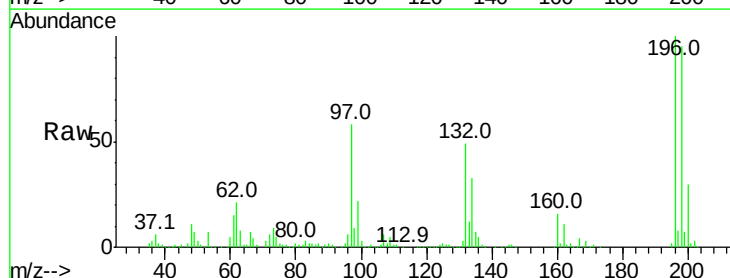


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

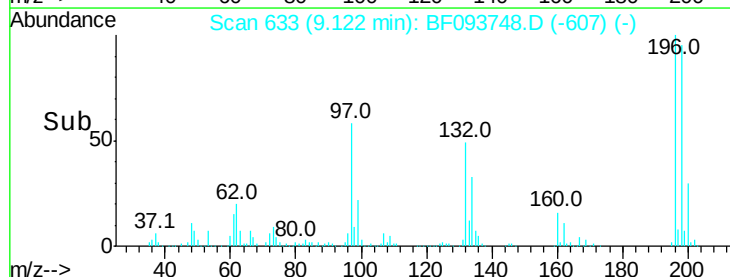
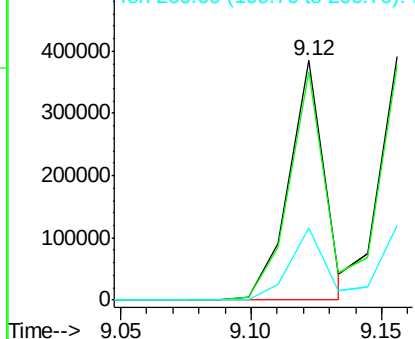


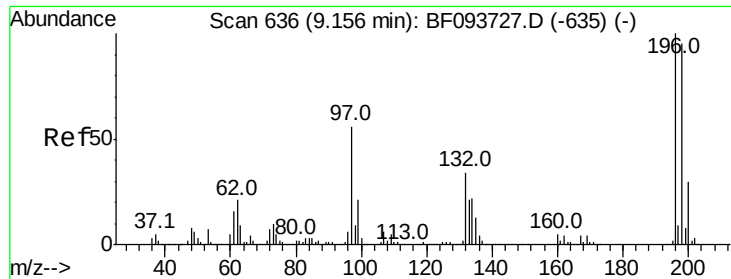
#42
 2,4,6-Trichlorophenol
 Concen: 53.30 ng
 RT: 9.12 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF093748.D
 Acq: 18 Mar 2017 12:38

Tgt Ion:196 Resp: 358553
 Ion Ratio Lower Upper
 196 100
 198 95.2 74.2 111.4
 200 30.1 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



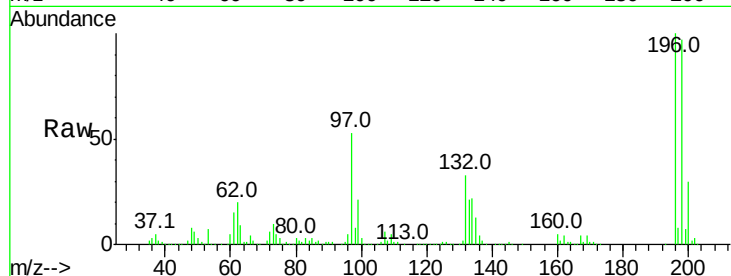


#43
 2,4,5-Trichlorophenol
 Concen: 44.84 ng
 RT: 9.16 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF093748.D
 Acq: 18 Mar 2017 12:38

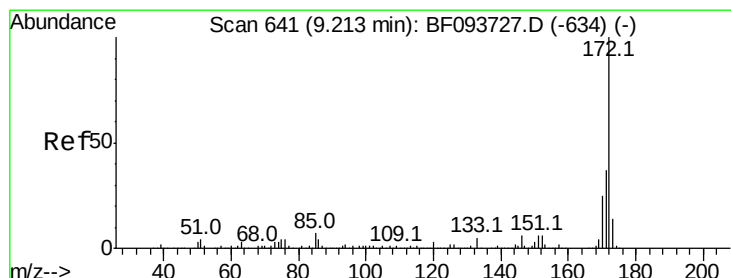
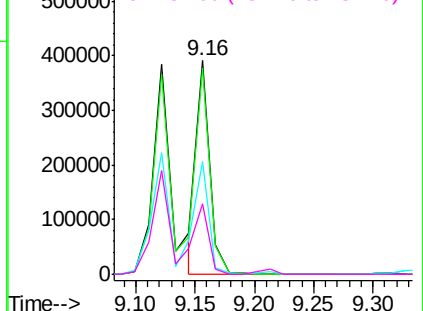
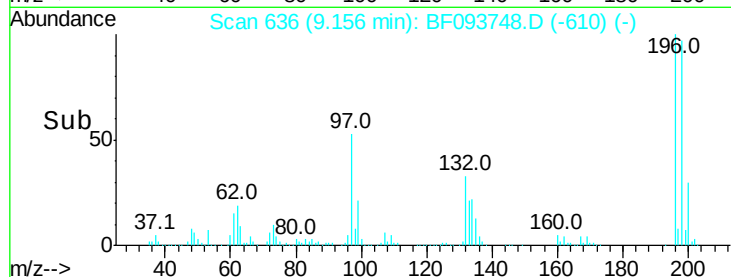
Instrument :
 BNA_F
 ClientSampleId :
 MW-102SMSD

Tot Ion:196 Resp: 310968

Ion	Ratio	Lower	Upper
196	100		
198	96.6	75.7	113.5
97	53.0	47.7	71.5
132	33.0	28.0	42.0



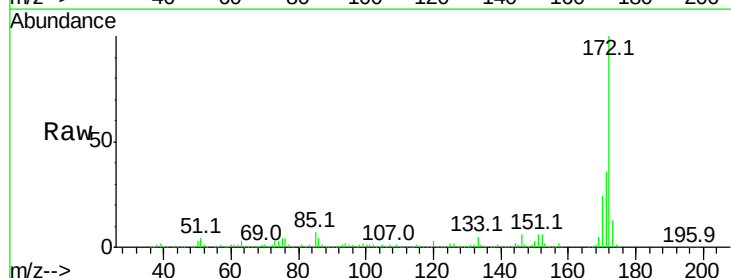
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E



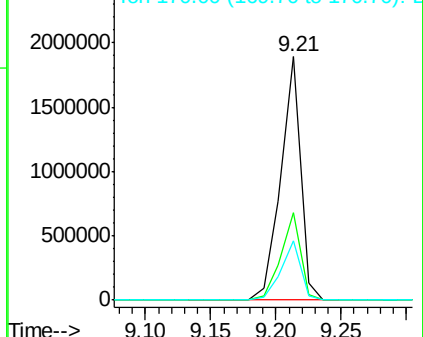
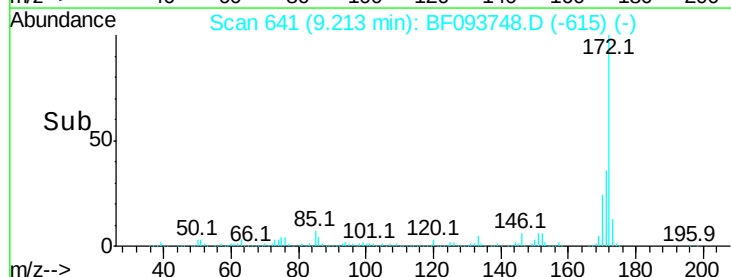
#44
 2-Fluorobiphenyl
 Concen: 96.31 ng
 RT: 9.21 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF093748.D
 Acq: 18 Mar 2017 12:38

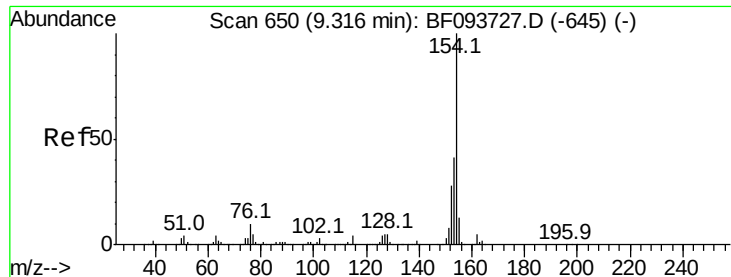
Tgt Ion:172 Resp: 1988593

Ion	Ratio	Lower	Upper
172	100		
171	36.1	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: 53.10 ng

RT: 9.32 min Scan# 650

Delta R.T. 0.00 min

Lab File: BF093748.D

Acq: 18 Mar 2017 12:38

Instrument :

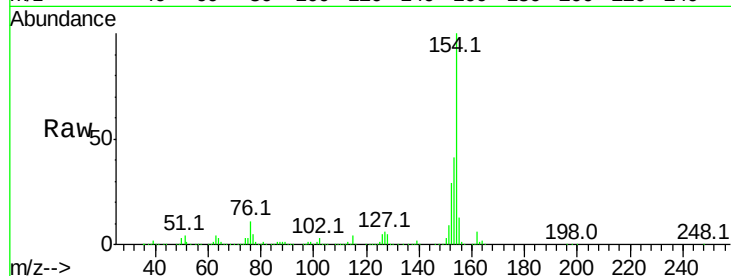
BNA_F

ClientSampleId :

MW-102MSMD

Tot Ion:154 Resp: 1450757

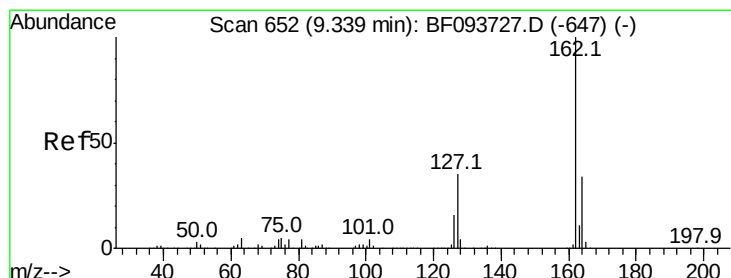
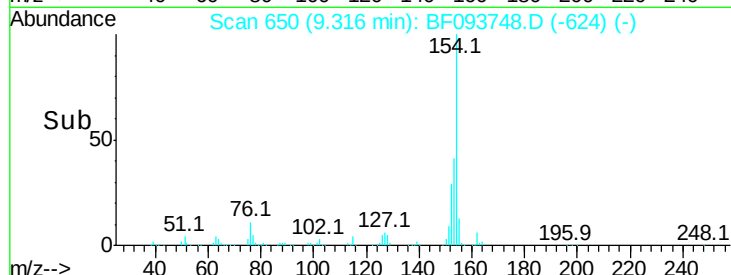
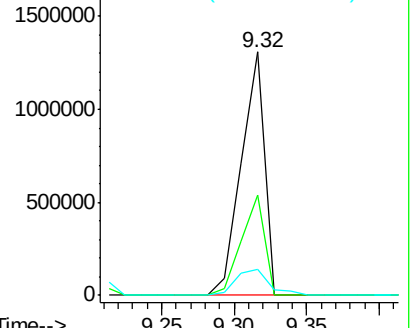
Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.2	61.2
76	10.6	0.0	29.9



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: 51.52 ng

RT: 9.34 min Scan# 652

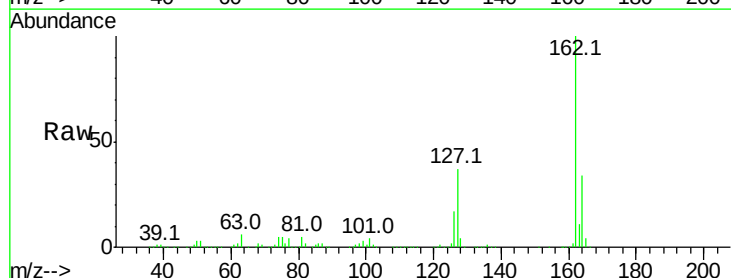
Delta R.T. 0.00 min

Lab File: BF093748.D

Acq: 18 Mar 2017 12:38

Tgt Ion:162 Resp: 1129265

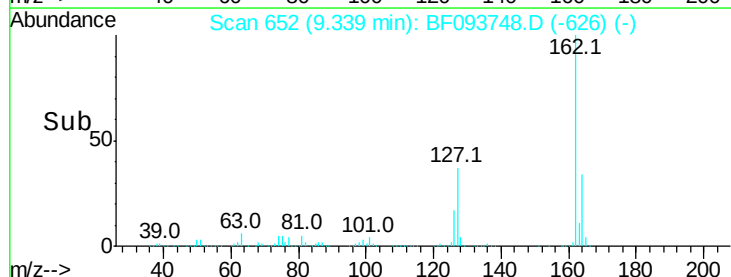
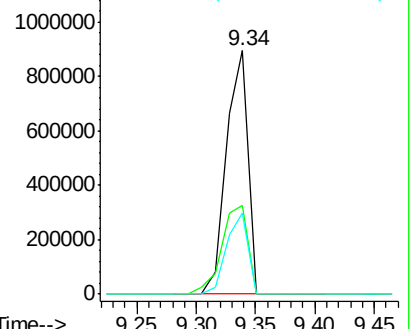
Ion	Ratio	Lower	Upper
162	100		
127	36.6	28.3	42.5
164	33.5	27.0	40.4

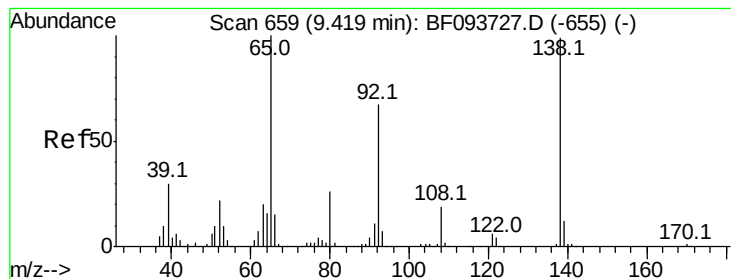


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 51.87 ng

RT: 9.42 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF093748.D

Acq: 18 Mar 2017 12:38

Instrument :

BNA_F

ClientSampleId :

MW-102SMSD

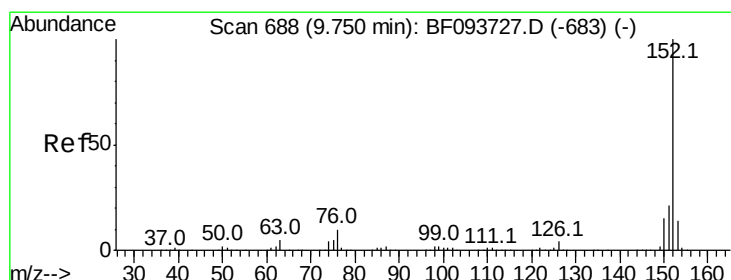
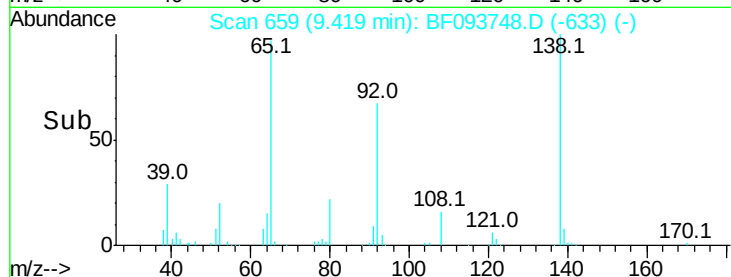
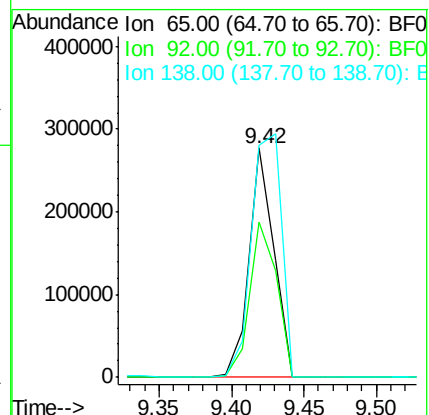
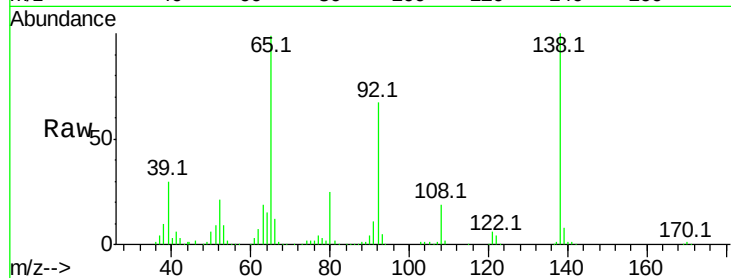
Tot Ion: 65 Resp: 328998

Ion Ratio Lower Upper

65 100

92 68.0 53.9 80.9

138 101.4 78.8 118.2



#48

Acenaphthylene

Concen: 50.63 ng

RT: 9.75 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF093748.D

Acq: 18 Mar 2017 12:38

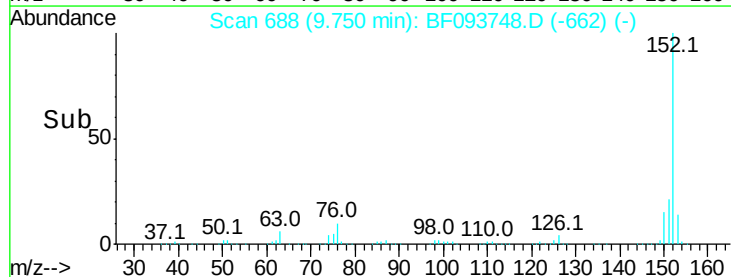
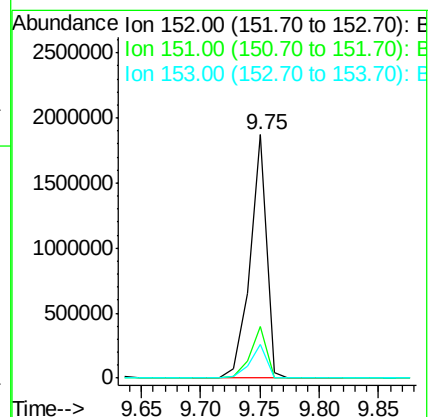
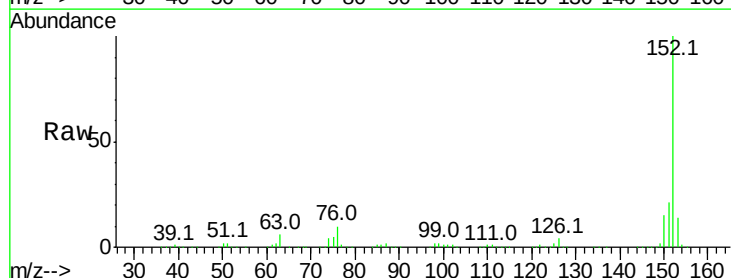
Tgt Ion: 152 Resp: 1810066

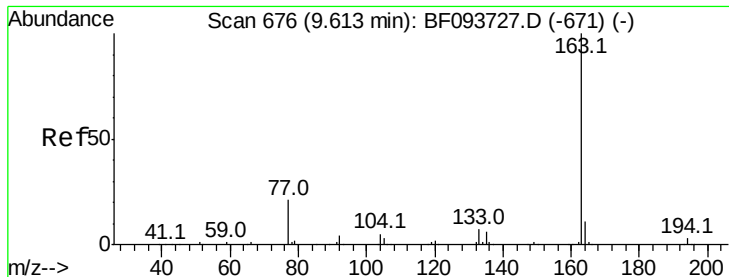
Ion Ratio Lower Upper

152 100

151 21.0 16.8 25.2

153 13.6 10.8 16.2





#49

Dimethylphthalate

Concen: 48.80 ng

RT: 9.61 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF093748.D

Acq: 18 Mar 2017 12:38

Instrument :

BNA_F

ClientSampleId :

MW-102SMSD

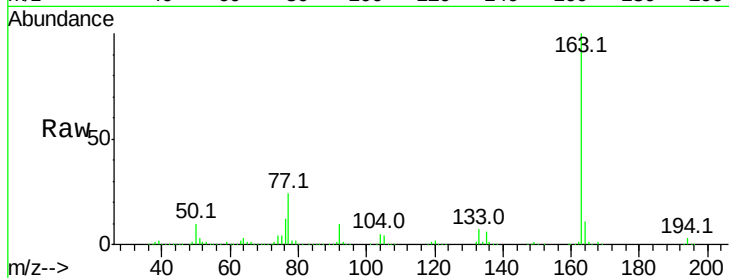
Tot Ion:163 Resp: 1241939

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

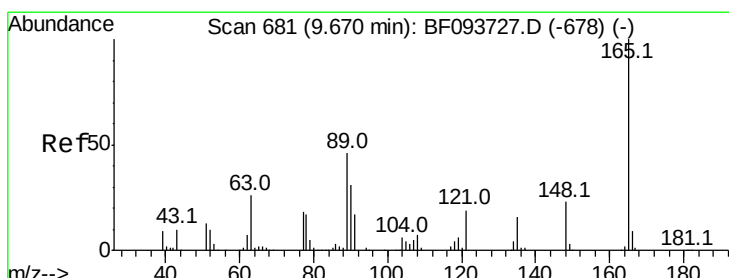
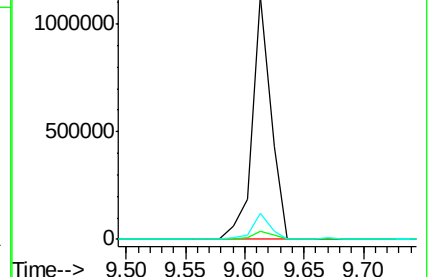
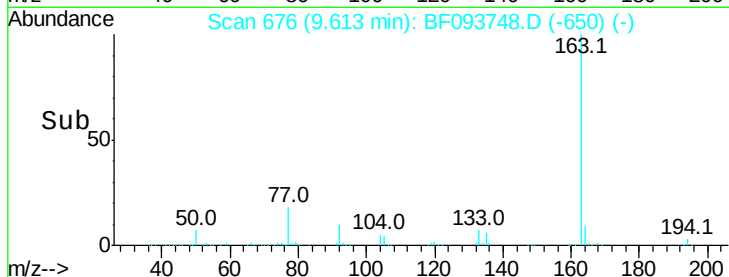
164 10.8 8.4 12.6



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: 59.02 ng

RT: 9.67 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF093748.D

Acq: 18 Mar 2017 12:38

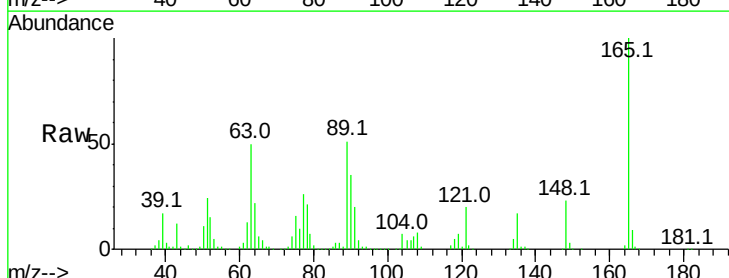
Tgt Ion:165 Resp: 324446

Ion Ratio Lower Upper

165 100

63 49.7 34.3 51.5

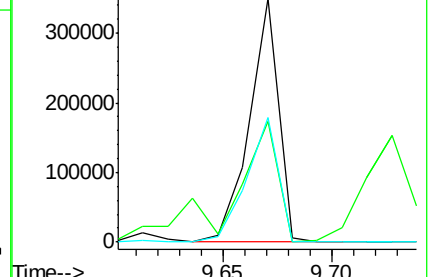
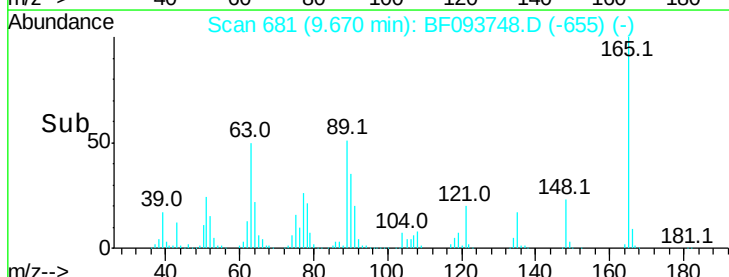
89 51.4 37.1 55.7

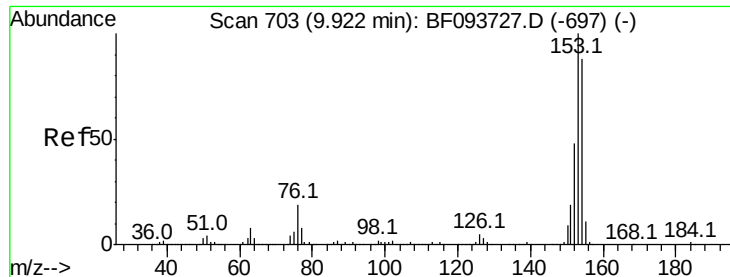


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 55.85 ng

RT: 9.92 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF093748.D

Acq: 18 Mar 2017 12:38

Instrument :

BNA_F

ClientSampleId :

MW-102SMSD

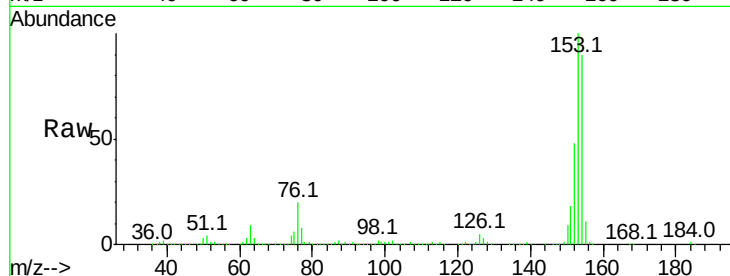
Tot Ion:154 Resp: 1176560

Ion Ratio Lower Upper

154 100

153 110.6 90.5 135.7

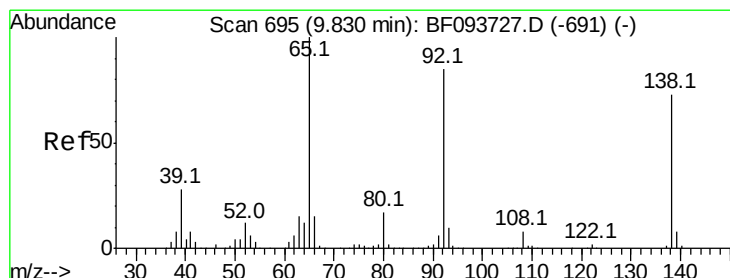
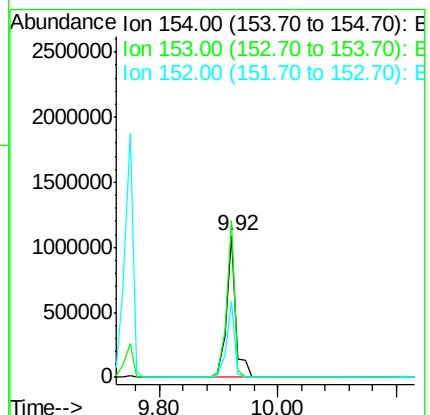
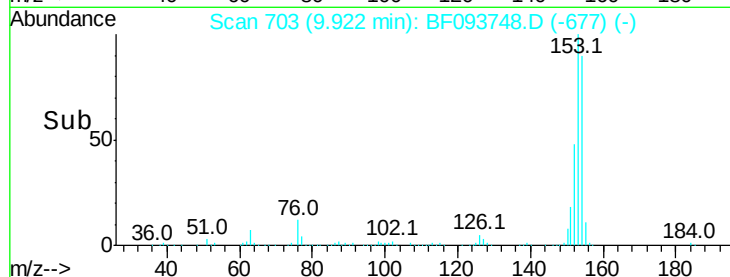
152 53.6 43.6 65.4



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: 44.01 ng

RT: 9.83 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF093748.D

Acq: 18 Mar 2017 12:38

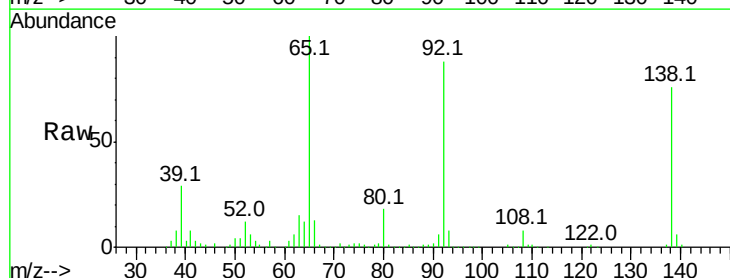
Tgt Ion:138 Resp: 287041

Ion Ratio Lower Upper

138 100

108 10.6 9.1 13.7

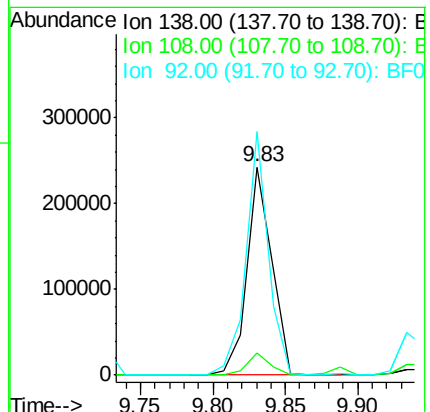
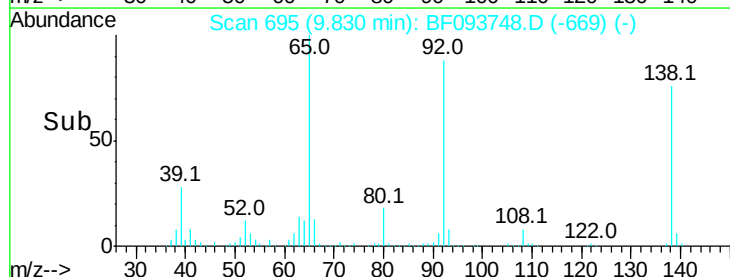
92 117.0 93.8 140.6

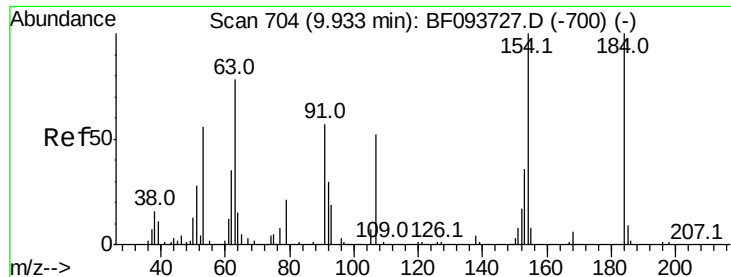


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

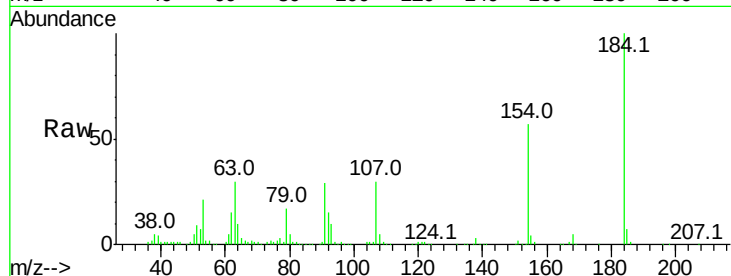




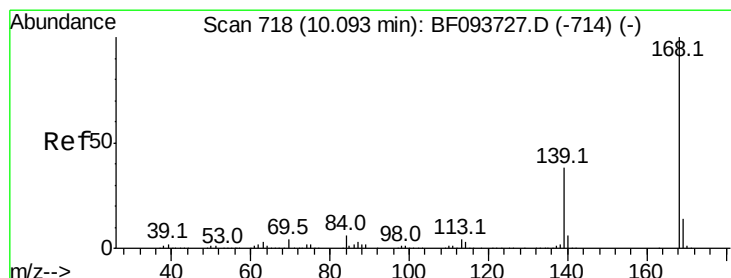
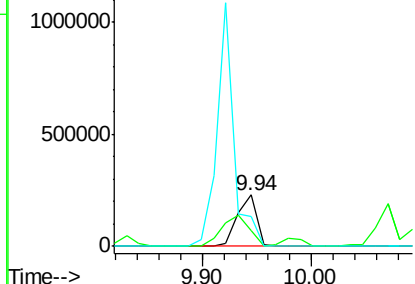
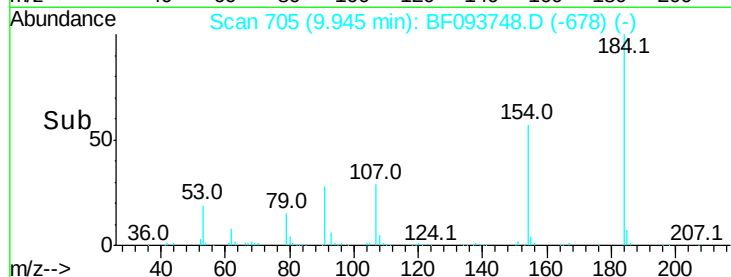
#53
2,4-Dinitrophenol
Concen: 101.57 ng
RT: 9.94 min Scan# 705
Delta R.T. 0.01 min
Lab File: BF093748.D
Acq: 18 Mar 2017 12:38

Instrument :
BNA_F
ClientSampleId :
MW-102SMSD

Tot Ion:184 Resp: 274103
Ion Ratio Lower Upper
184 100
63 30.3 62.7 94.1#
154 57.1 81.1 121.7#

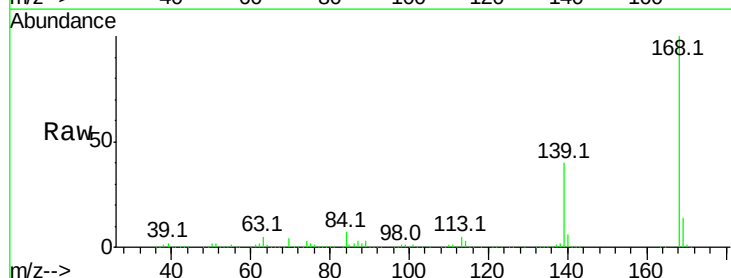


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

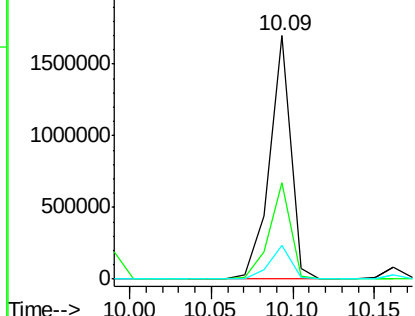
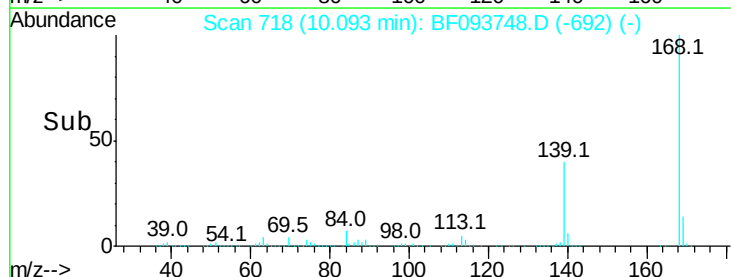


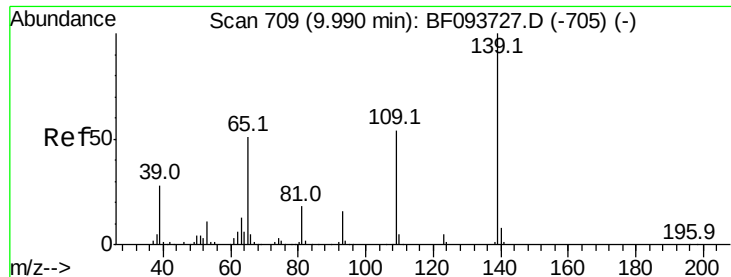
#54
Dibenzofuran
Concen: 53.75 ng
RT: 10.09 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF093748.D
Acq: 18 Mar 2017 12:38

Tgt Ion:168 Resp: 1539383
Ion Ratio Lower Upper
168 100
139 39.8 30.6 45.8
169 14.0 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: 44.40 ng

RT: 9.99 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF093748.D

Acq: 18 Mar 2017 12:38

Instrument :

BNA_F

ClientSampleId :

MW-102SMSD

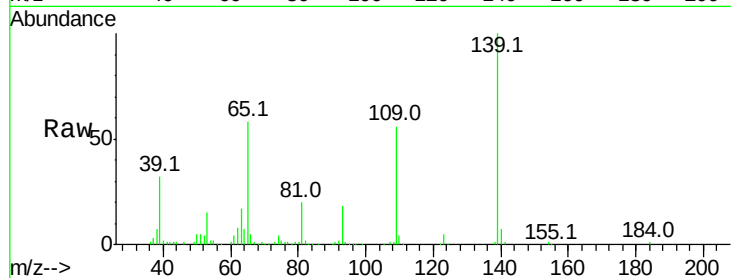
Tot Ion:139 Resp: 218439

Ion Ratio Lower Upper

139 100

109 55.7 34.1 74.1

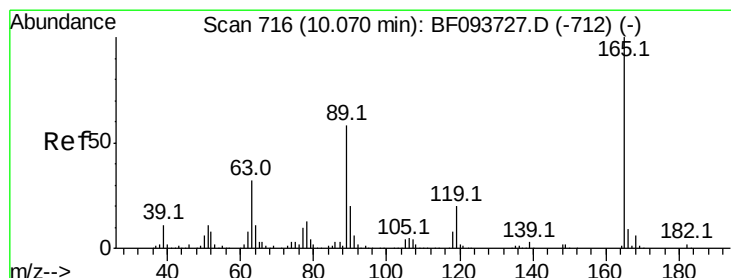
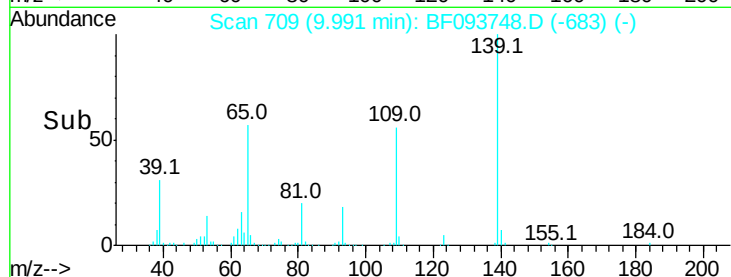
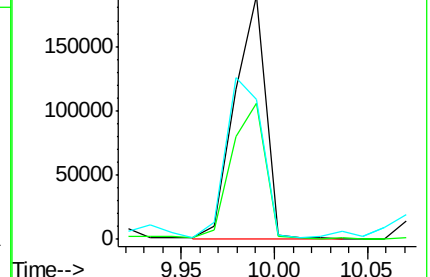
65 57.6 31.4 71.4



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 57.80 ng

RT: 10.07 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF093748.D

Acq: 18 Mar 2017 12:38

Tgt Ion:165 Resp: 422904

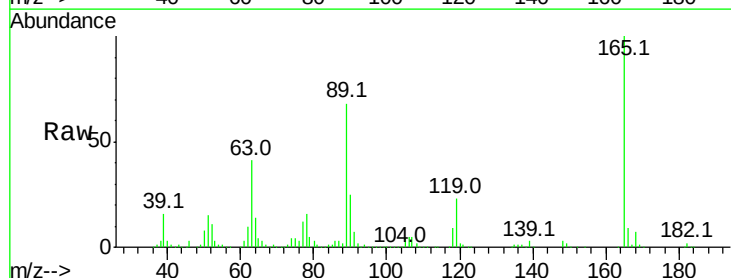
Ion Ratio Lower Upper

165 100

63 40.7 25.4 38.0#

89 68.2 46.4 69.6

182 2.3 1.8 2.6

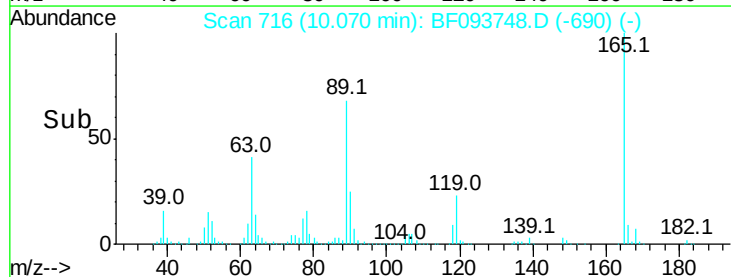
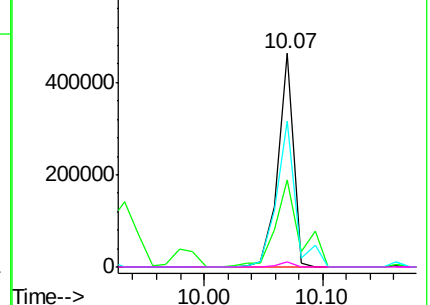


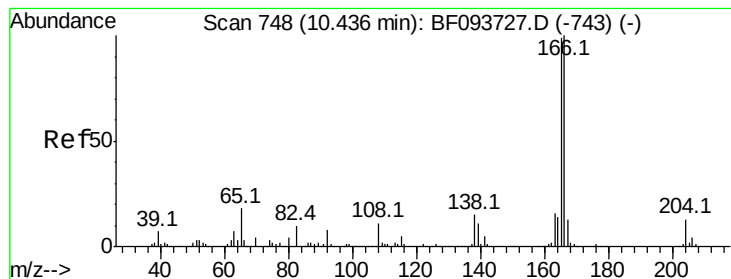
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 49.38 ng

RT: 10.44 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF093748.D

Acq: 18 Mar 2017 12:38

Instrument :

BNA_F

ClientSampleId :

MW-102SMSD

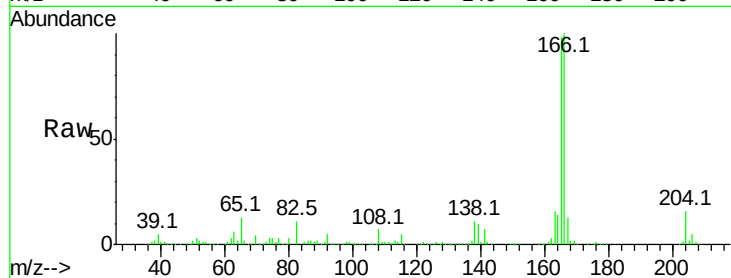
Tot Ion:166 Resp: 1147179

Ion Ratio Lower Upper

166 100

165 98.0 78.8 118.2

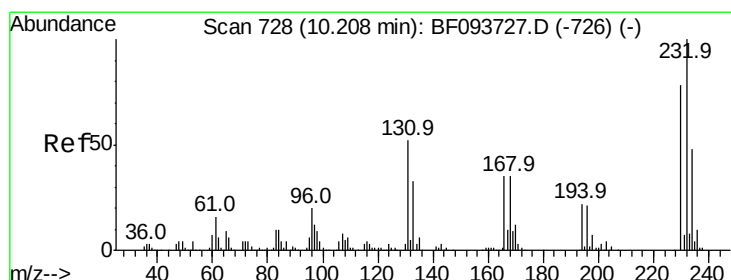
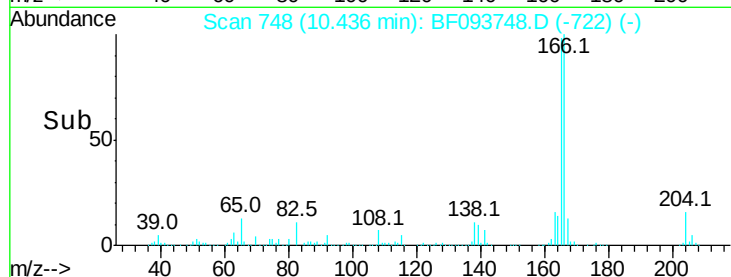
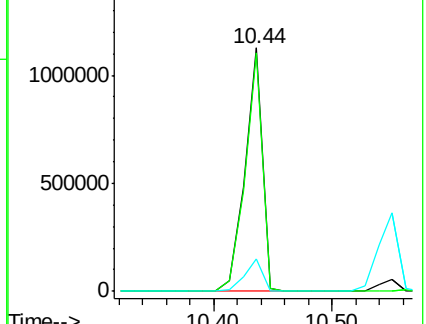
167 13.3 10.6 16.0



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: 60.47 ng

RT: 10.21 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF093748.D

Acq: 18 Mar 2017 12:38

Tgt Ion:232 Resp: 288408

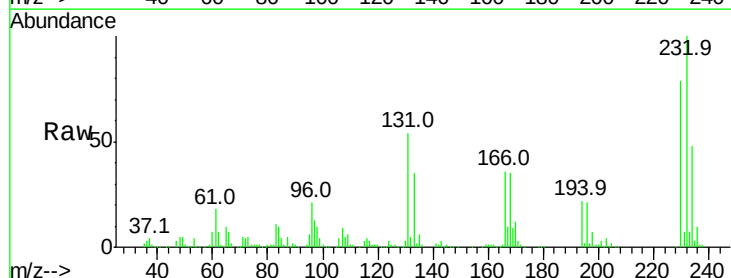
Ion Ratio Lower Upper

232 100

131 55.9 44.8 67.2

130 2.8 2.3 3.5

166 36.4 29.0 43.4

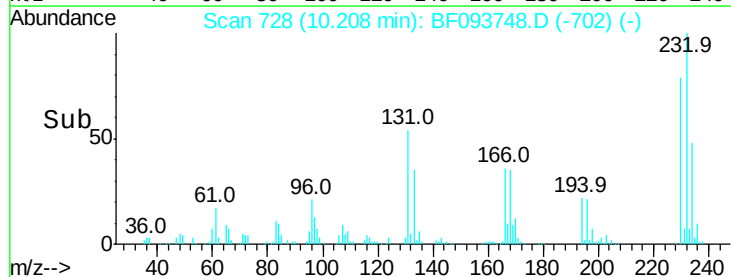
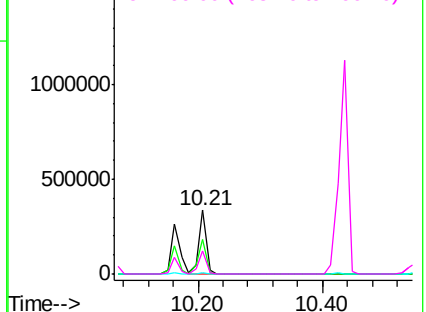


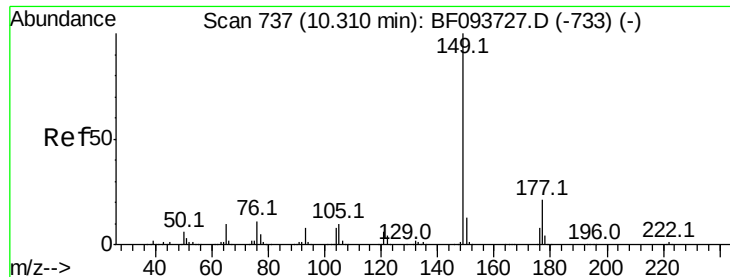
Abundance Ion 232.00 (231.70 to 232.70): E

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

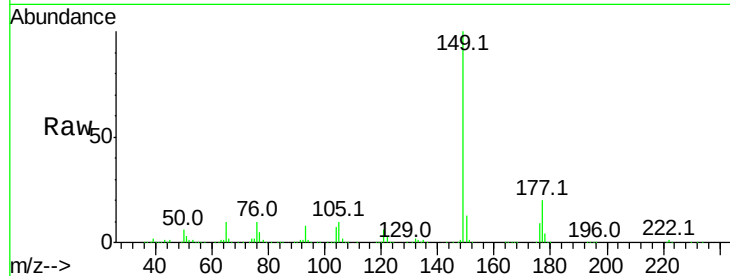




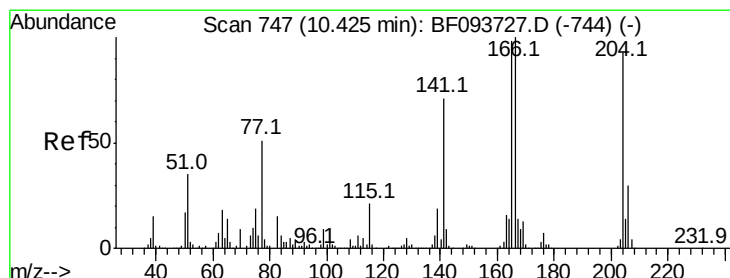
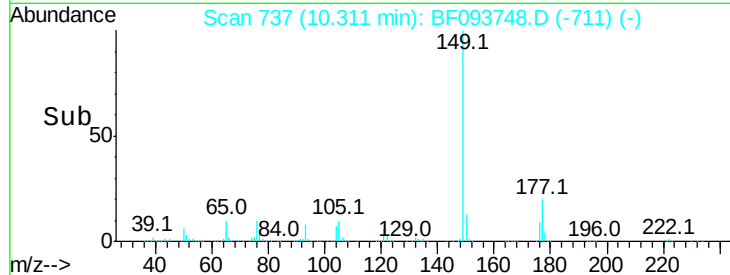
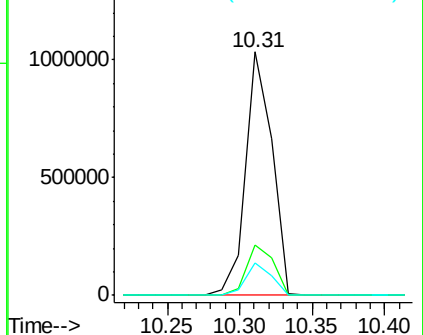
#59
Diethylphthalate
Concen: 53.74 ng
RT: 10.31 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF093748.D
Acq: 18 Mar 2017 12:38

Instrument :
BNA_F
ClientSampleId :
MW-102SMSD

Tot Ion:149 Resp: 1301745
Ion Ratio Lower Upper
149 100
177 20.5 16.7 25.1
150 13.1 10.2 15.2

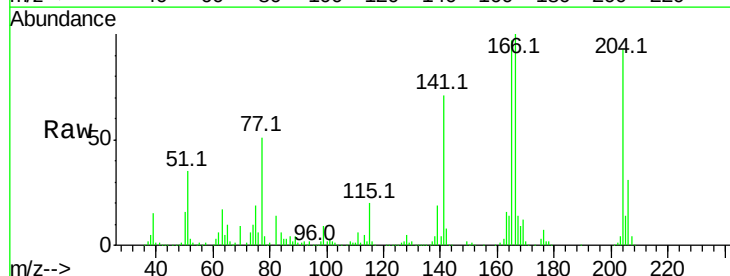


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

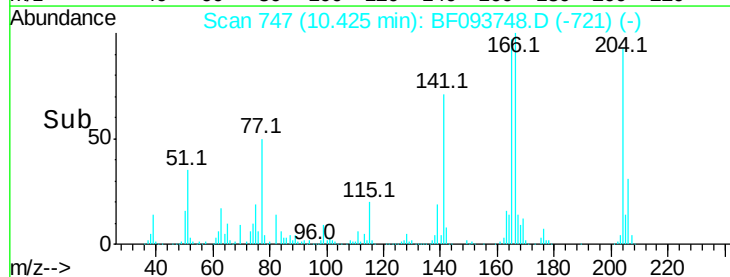
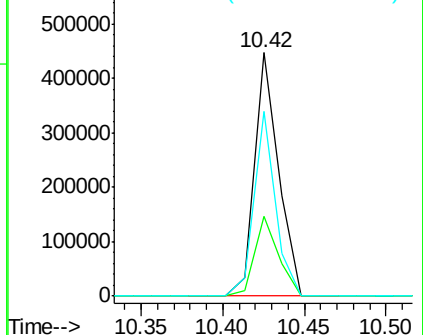


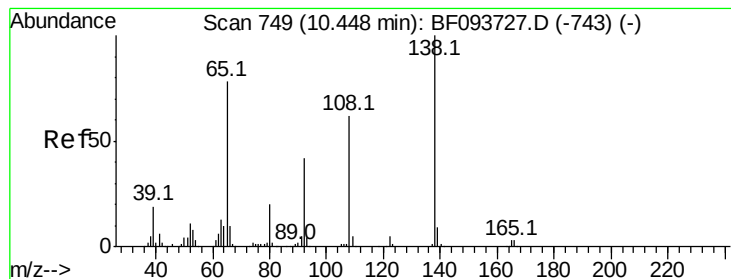
#60
4-Chlorophenyl-phenylether
Concen: 46.70 ng
RT: 10.42 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF093748.D
Acq: 18 Mar 2017 12:38

Tgt Ion:204 Resp: 457053
Ion Ratio Lower Upper
204 100
206 32.8 26.2 39.2
141 76.1 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: 52.85 ng

RT: 10.45 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF093748.D

Acq: 18 Mar 2017 12:38

Instrument :

BNA_F

ClientSampleId :

MW-102SMSD

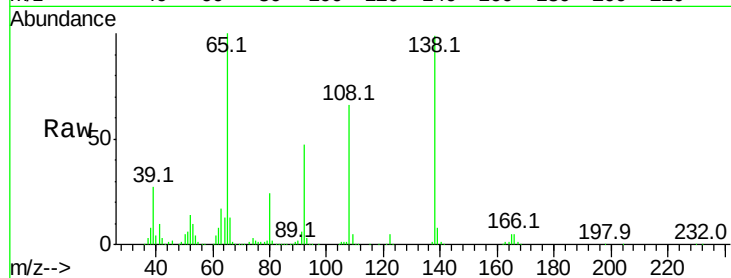
Tot Ion:138 Resp: 320770

Ion Ratio Lower Upper

138 100

92 47.4 21.8 61.8

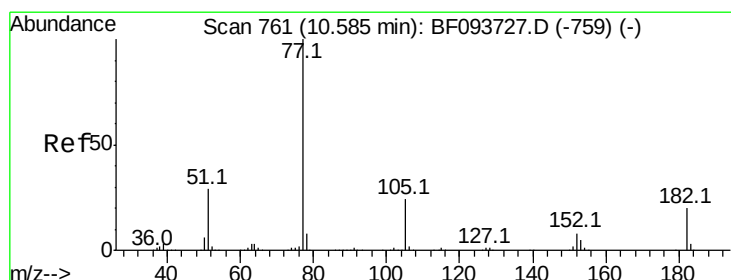
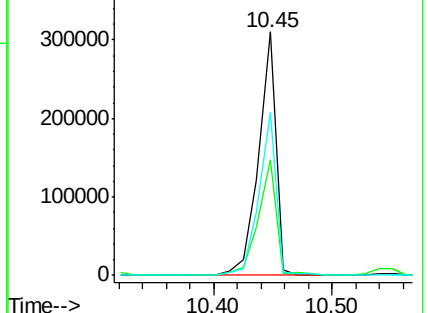
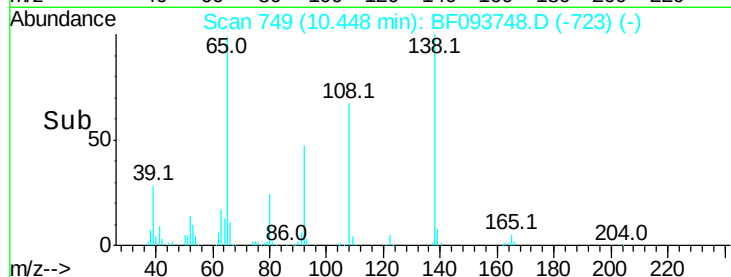
108 67.2 42.3 82.3



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: 54.87 ng

RT: 10.58 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF093748.D

Acq: 18 Mar 2017 12:38

Tgt Ion: 77 Resp: 1342738

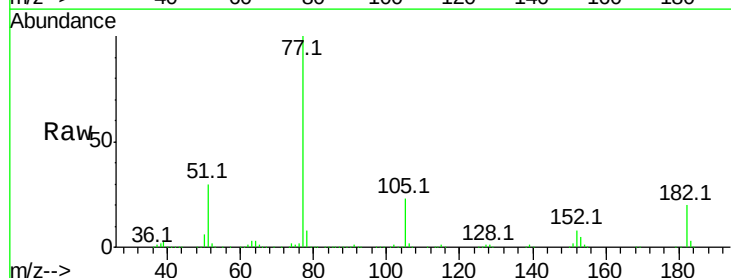
Ion Ratio Lower Upper

77 100

182 20.0 0.1 40.1

105 23.4 3.6 43.6

51 30.3 9.4 49.4

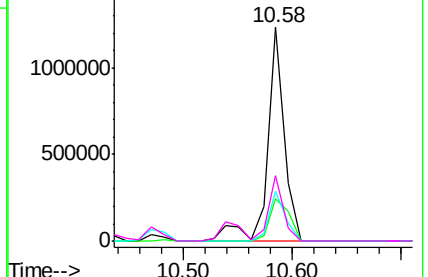
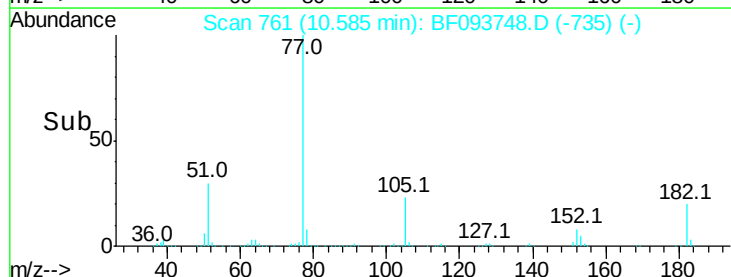


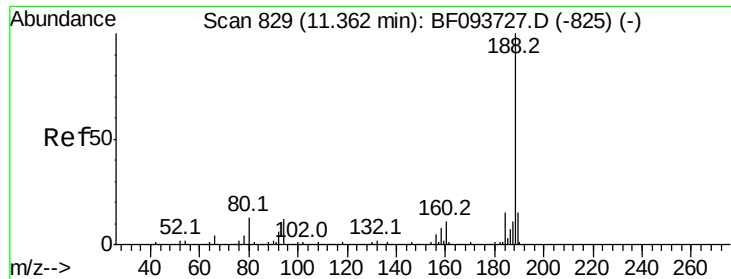
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

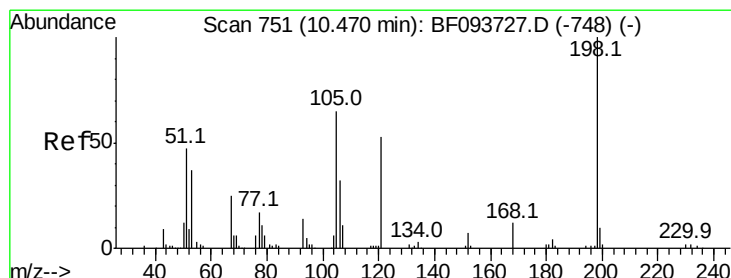
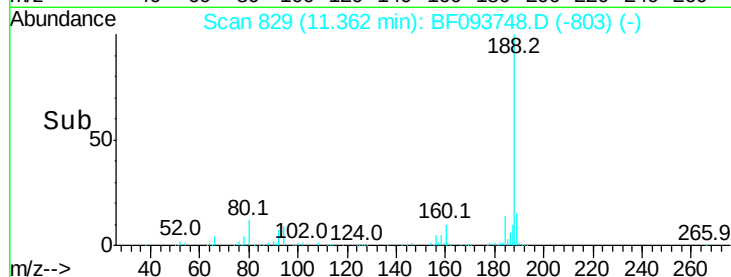
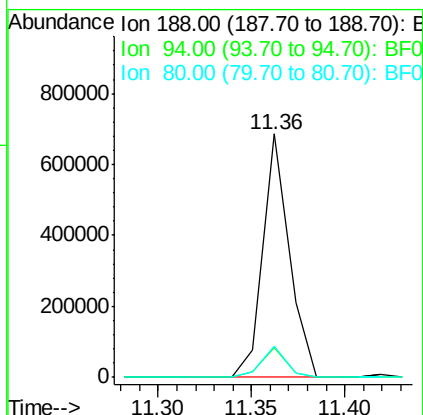
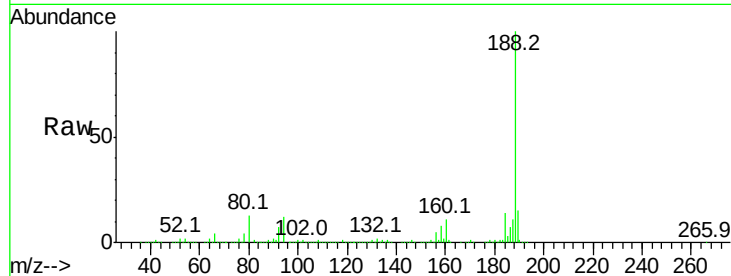




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 829
Delta R.T. 0.00 min
Lab File: BF093748.D
Acq: 18 Mar 2017 12:38

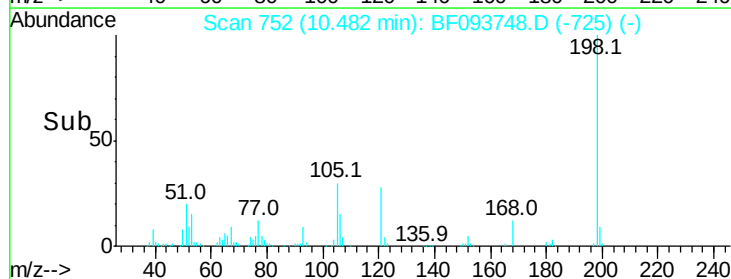
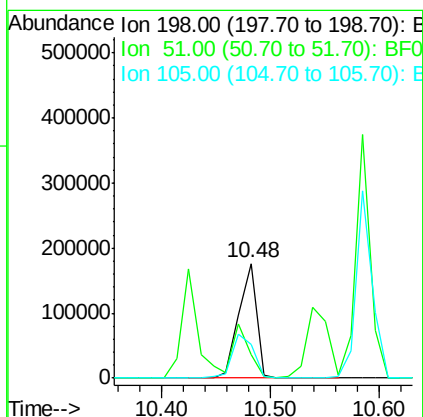
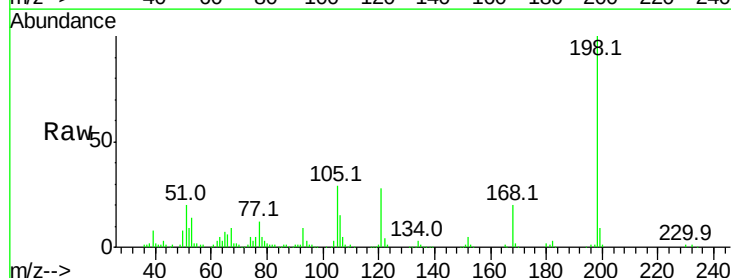
Instrument :
BNA_F
ClientSampleId :
MW-102SMSD

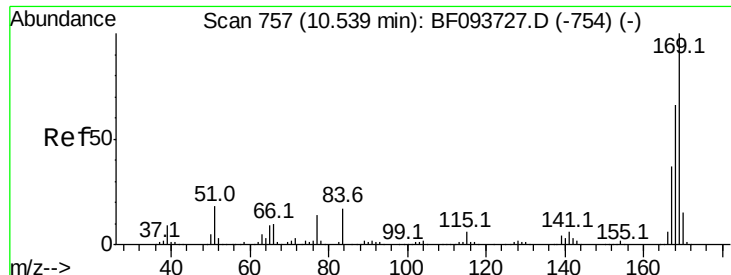
Tot Ion:188 Resp: 670579
Ion Ratio Lower Upper
188 100
94 12.1 9.4 14.2
80 12.7 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 54.89 ng
RT: 10.48 min Scan# 752
Delta R.T. 0.01 min
Lab File: BF093748.D
Acq: 18 Mar 2017 12:38

Tgt Ion:198 Resp: 198651
Ion Ratio Lower Upper
198 100
51 19.9 53.2 93.2#
105 29.4 45.8 85.8#





#65

n-Nitrosodiphenylamine

Concen: 49.85 ng

RT: 10.55 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF093748.D

Acq: 18 Mar 2017 12:38

Instrument :

BNA_F

ClientSampleId :

MW-102SMSD

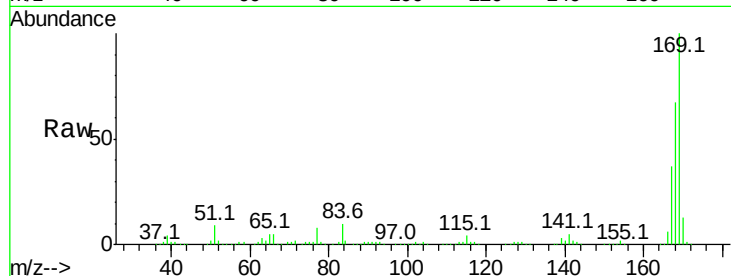
Tot Ion:169 Resp: 1128544

Ion Ratio Lower Upper

169 100

168 67.5 53.2 79.8

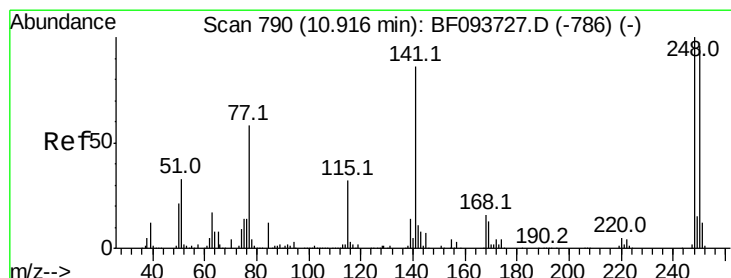
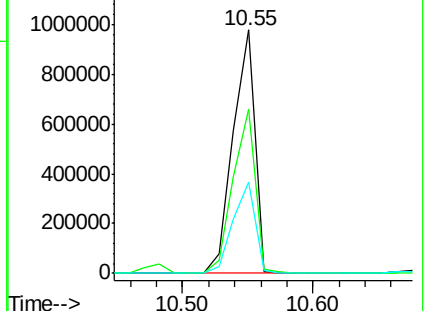
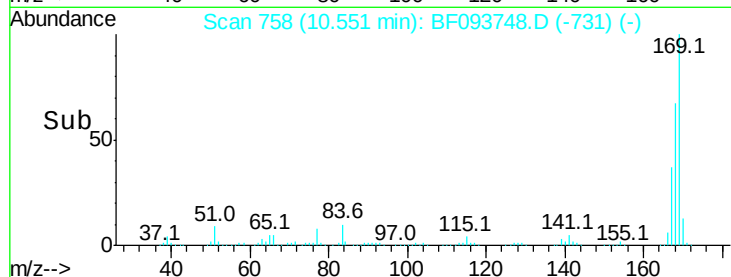
167 37.3 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 47.97 ng

RT: 10.92 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF093748.D

Acq: 18 Mar 2017 12:38

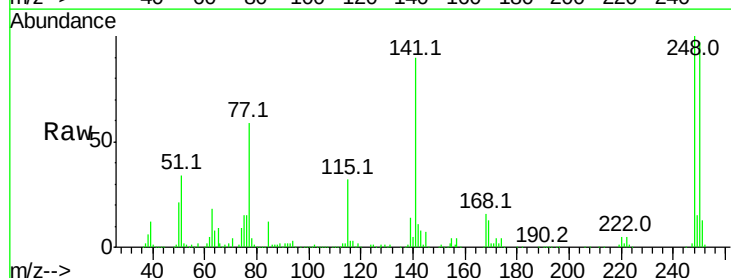
Tgt Ion:248 Resp: 304107

Ion Ratio Lower Upper

248 100

250 96.7 76.8 115.2

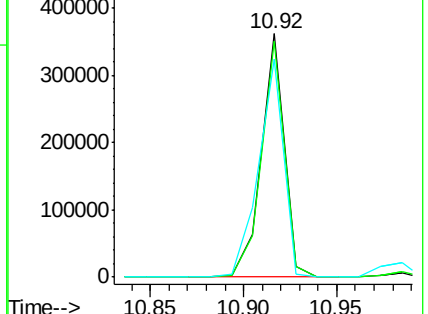
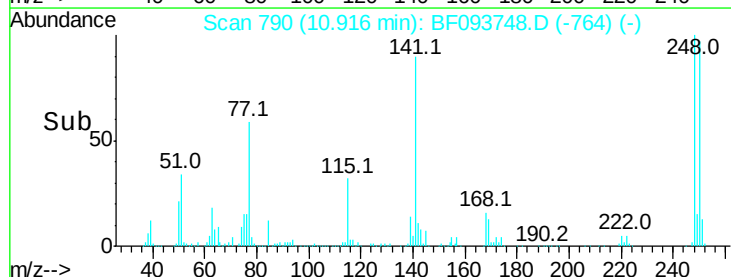
141 89.5 68.6 103.0

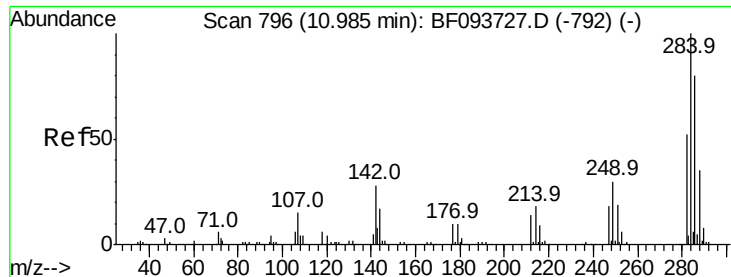


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 49.12 ng

RT: 10.98 min Scan# 796

Delta R.T. 0.00 min

Lab File: BF093748.D

Acq: 18 Mar 2017 12:38

Instrument :

BNA_F

ClientSampleId :

MW-102SMSD

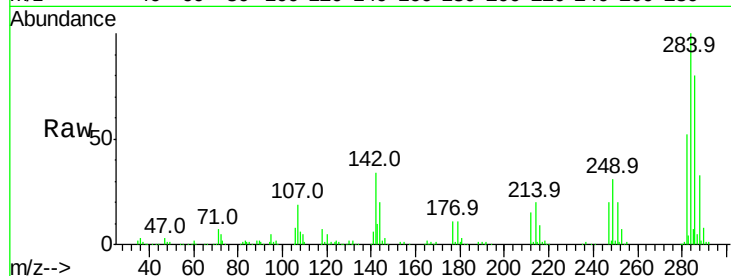
Tot Ion:284 Resp: 325463

Ion Ratio Lower Upper

284 100

142 34.1 22.8 34.2

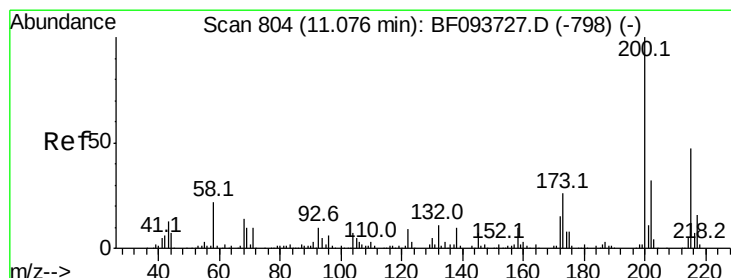
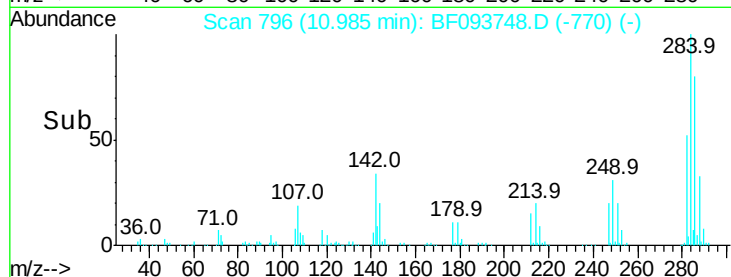
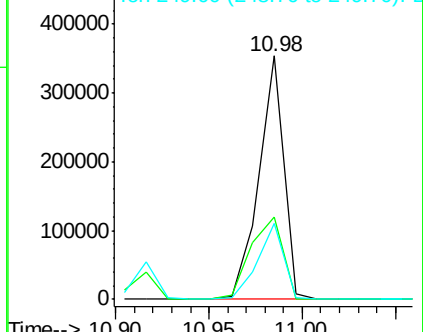
249 31.2 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 55.35 ng

RT: 11.08 min Scan# 804

Delta R.T. 0.00 min

Lab File: BF093748.D

Acq: 18 Mar 2017 12:38

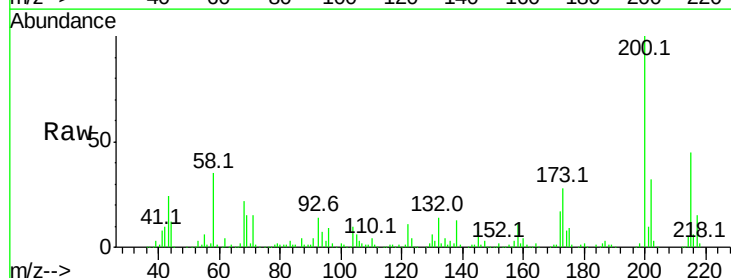
Tgt Ion:200 Resp: 360810

Ion Ratio Lower Upper

200 100

173 28.3 6.3 46.3

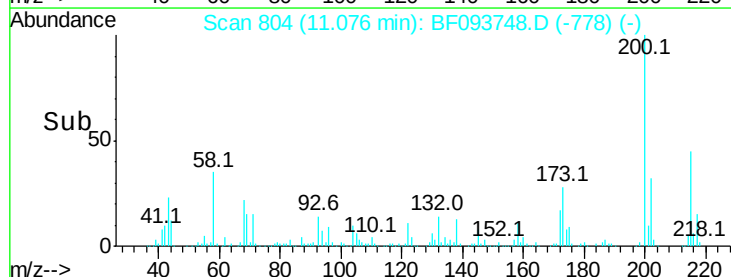
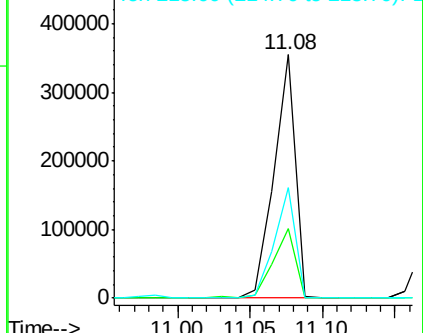
215 45.5 27.2 67.2

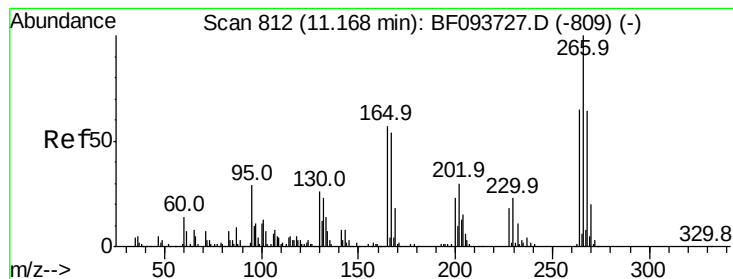


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 94.96 ng

RT: 11.17 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF093748.D

Acq: 18 Mar 2017 12:38

Instrument :

BNA_F

ClientSampleId :

MW-102SMSD

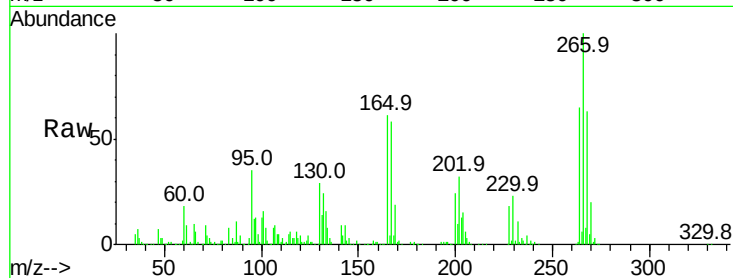
Tot Ion:266 Resp: 360460

Ion Ratio Lower Upper

266 100

268 63.0 51.1 76.7

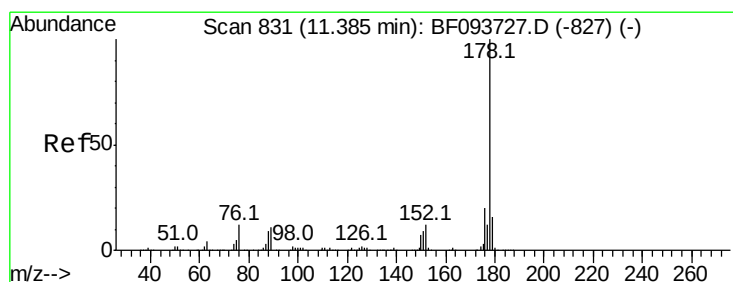
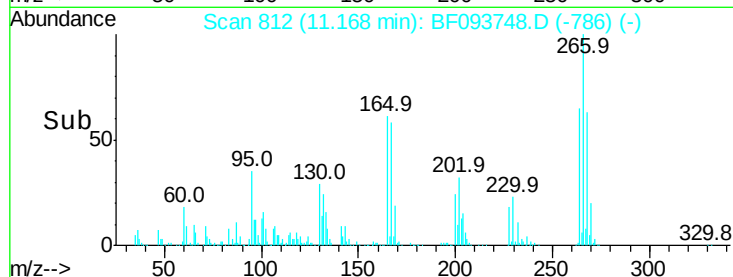
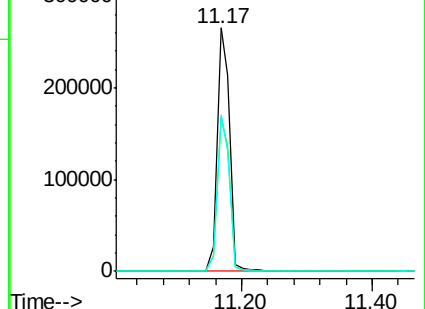
264 64.5 51.7 77.5



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: 44.80 ng

RT: 11.38 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF093748.D

Acq: 18 Mar 2017 12:38

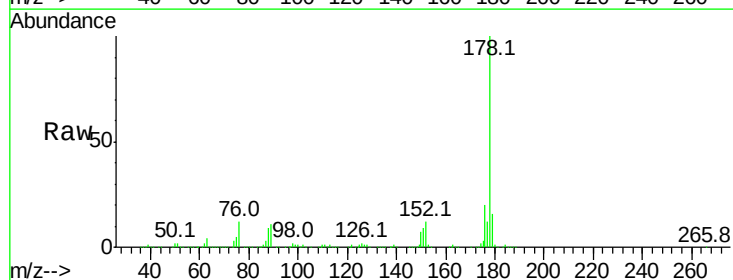
Tgt Ion:178 Resp: 1698309

Ion Ratio Lower Upper

178 100

176 19.8 16.2 24.4

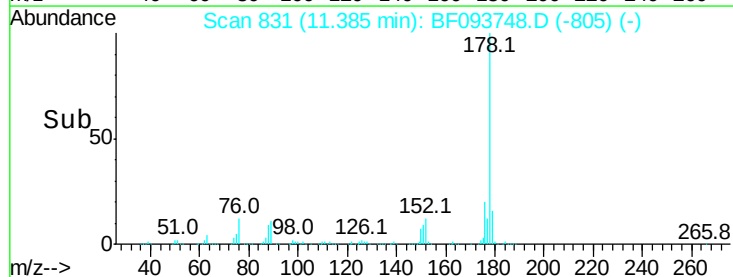
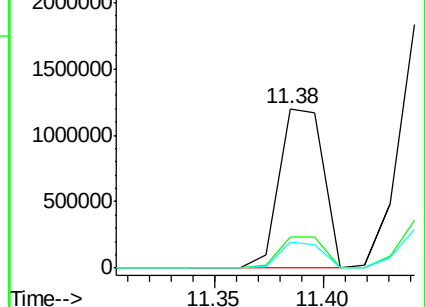
179 16.2 12.6 19.0

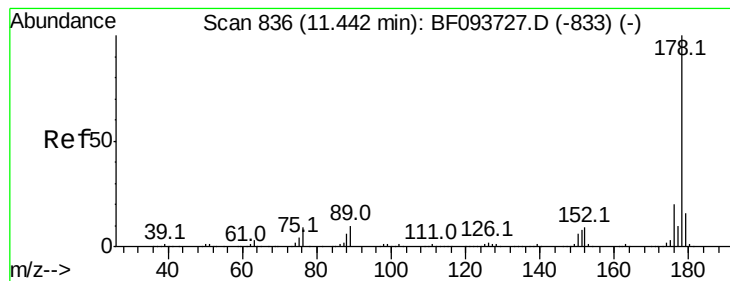


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 44.74 ng

RT: 11.44 min Scan# 836

Delta R.T. 0.00 min

Lab File: BF093748.D

Acq: 18 Mar 2017 12:38

Instrument :

BNA_F

ClientSampleId :

MW-102SMSD

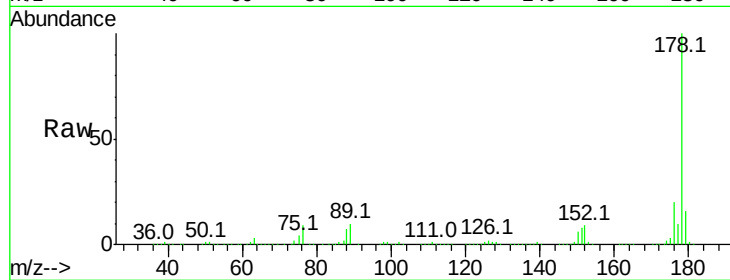
Tot Ion:178 Resp: 1659855

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.8

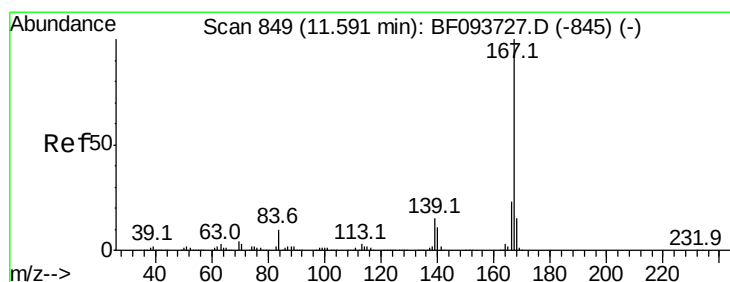
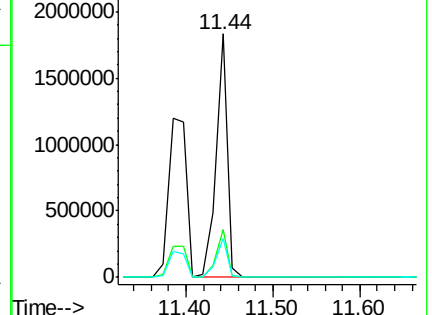
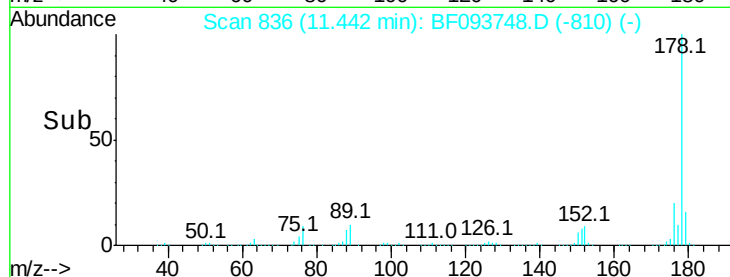
179 16.1 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 39.12 ng

RT: 11.59 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF093748.D

Acq: 18 Mar 2017 12:38

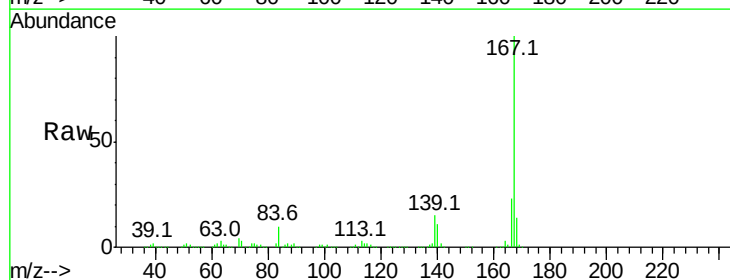
Tgt Ion:167 Resp: 1519154

Ion Ratio Lower Upper

167 100

166 22.5 18.1 27.1

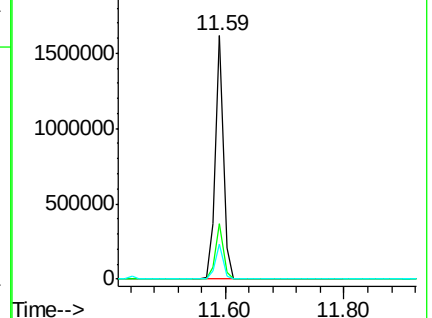
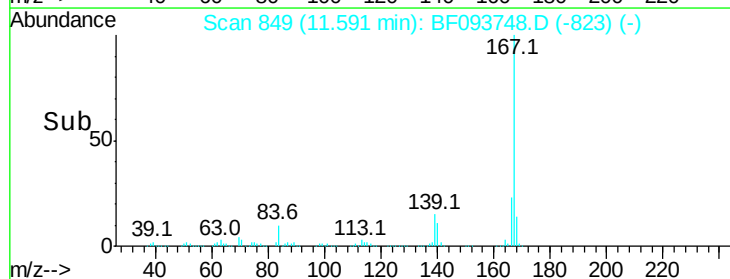
139 14.5 11.7 17.5

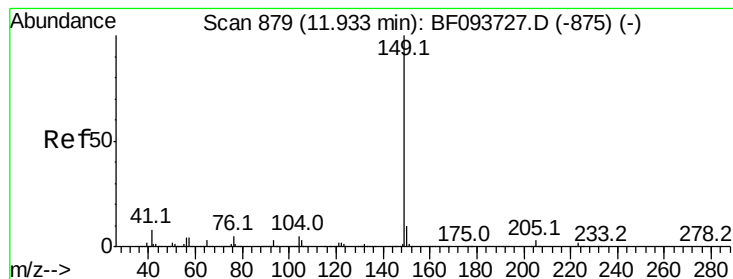


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 45.87 ng

RT: 11.93 min Scan# 879

Delta R.T. 0.00 min

Lab File: BF093748.D

Acq: 18 Mar 2017 12:38

Instrument :

BNA_F

ClientSampleId :

MW-102SMSD

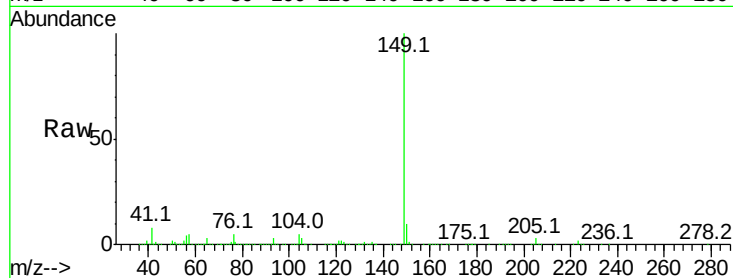
Tot Ion:149 Resp: 1820765

Ion Ratio Lower Upper

149 100

150 9.7 7.7 11.5

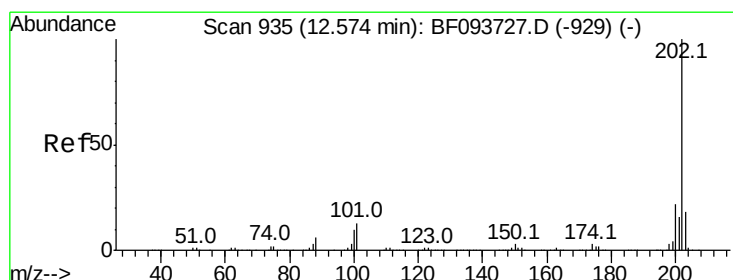
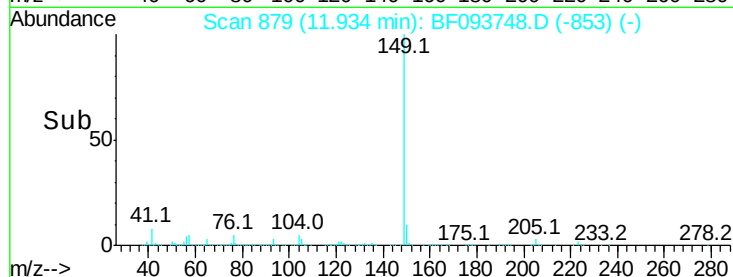
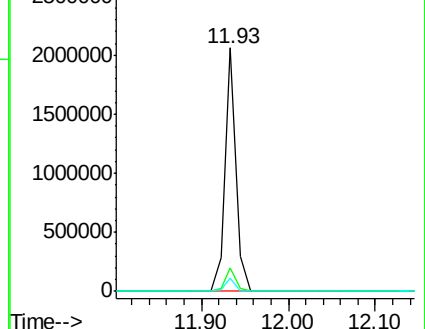
104 5.2 4.0 6.0



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: 47.19 ng

RT: 12.57 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF093748.D

Acq: 18 Mar 2017 12:38

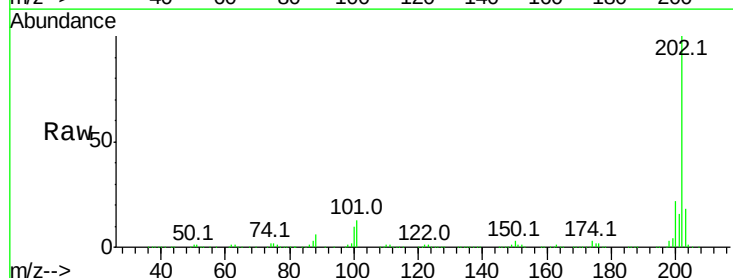
Tgt Ion:202 Resp: 1733944

Ion Ratio Lower Upper

202 100

101 13.2 0.0 33.2

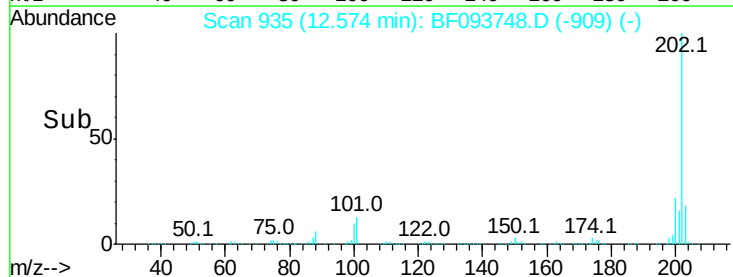
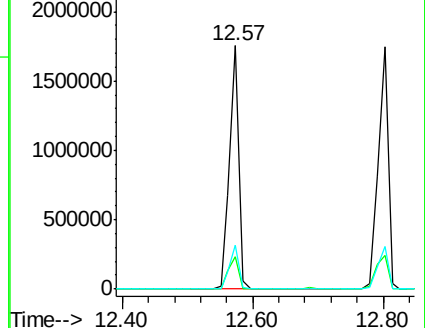
203 18.2 0.0 38.1

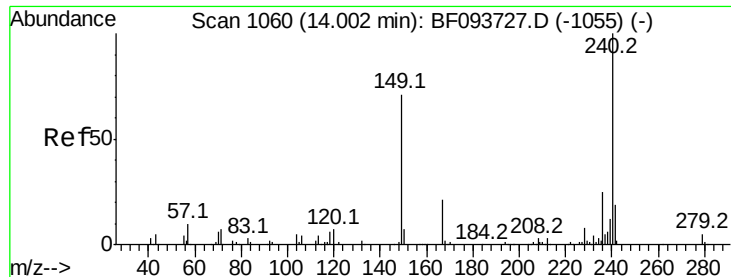


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.00 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BF093748.D

Acq: 18 Mar 2017 12:38

Instrument :

BNA_F

ClientSampleId :

MW-102SMSD

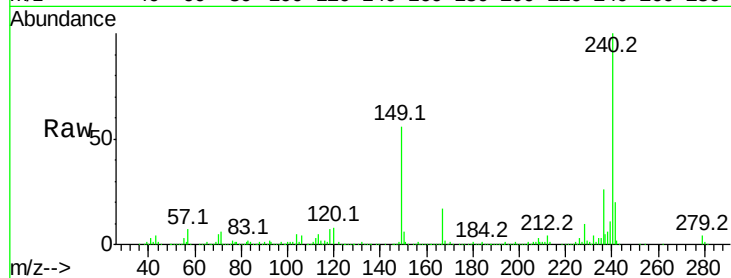
Tot Ion:240 Resp: 431158

Ion Ratio Lower Upper

240 100

120 7.6 5.8 8.8

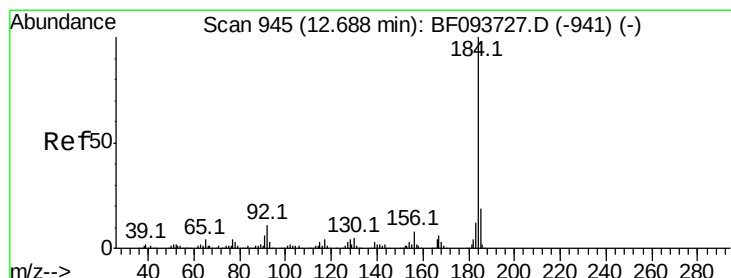
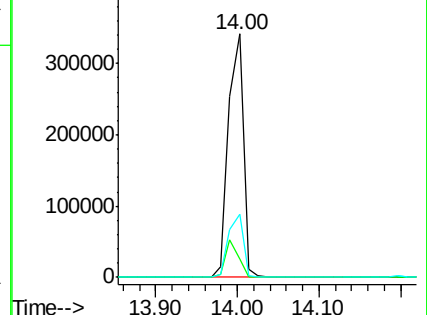
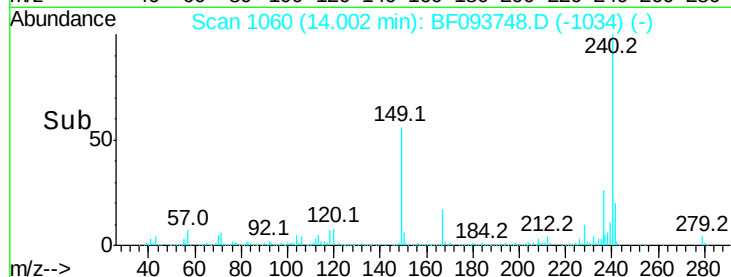
236 26.0 20.5 30.7



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: 57.63 ng

RT: 12.69 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF093748.D

Acq: 18 Mar 2017 12:38

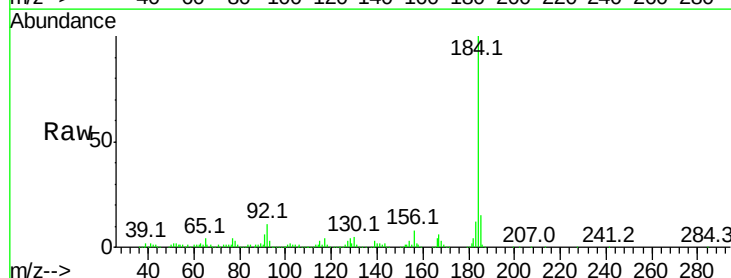
Tgt Ion:184 Resp: 970885

Ion Ratio Lower Upper

184 100

185 15.4 15.5 23.3#

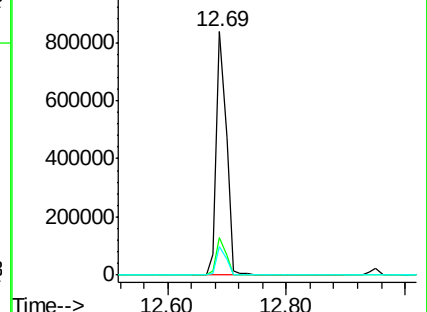
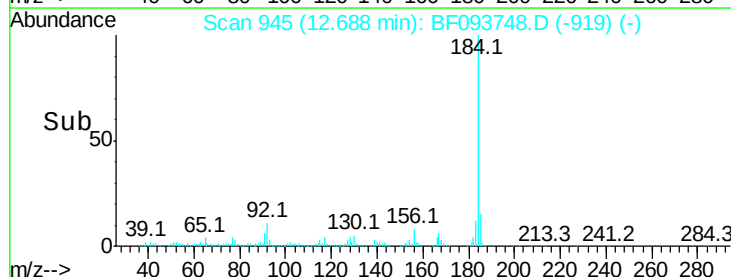
183 11.8 9.8 14.6

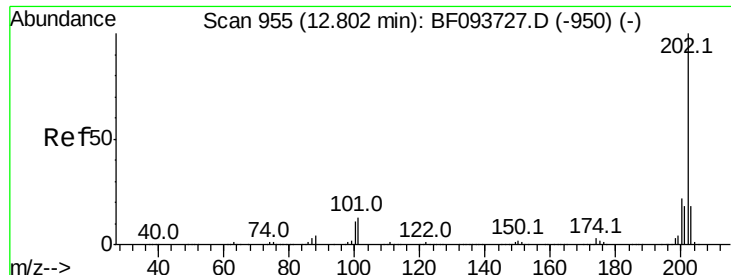


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

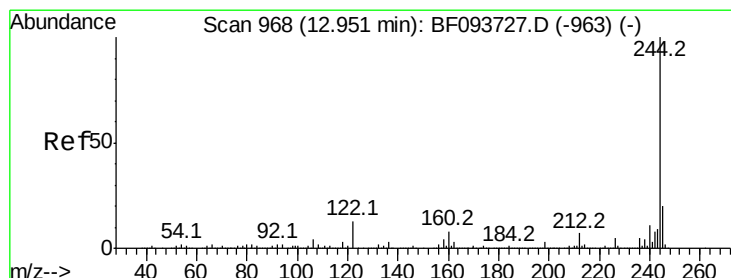
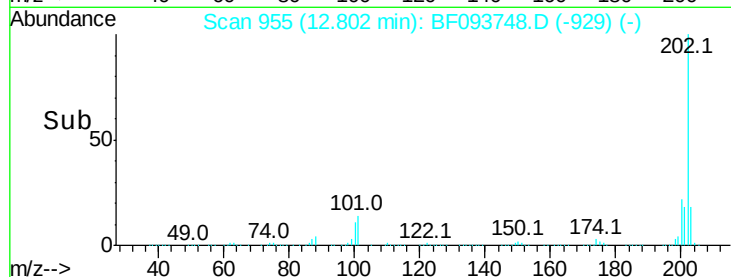
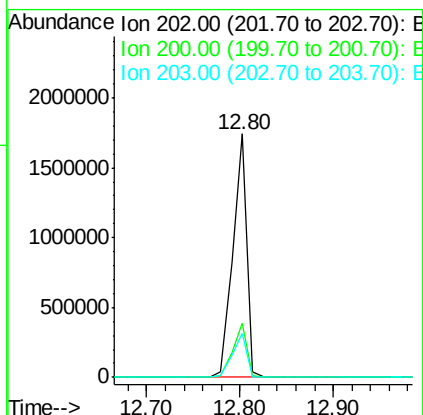
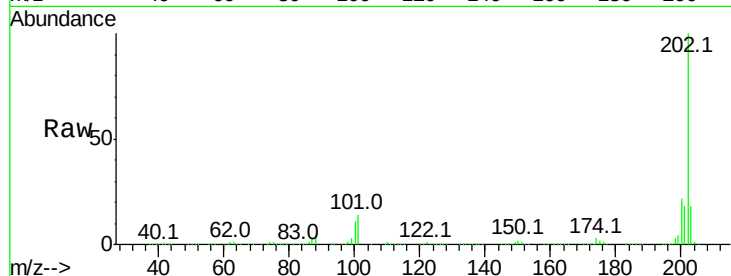




#77
Pvrene
Concen: 49.69 ng
RT: 12.80 min Scan# 955
Delta R.T. 0.00 min
Lab File: BF093748.D
Acq: 18 Mar 2017 12:38

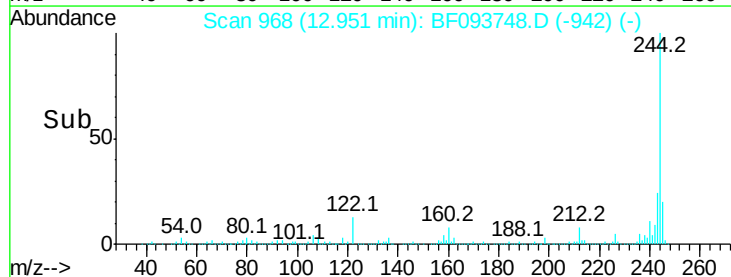
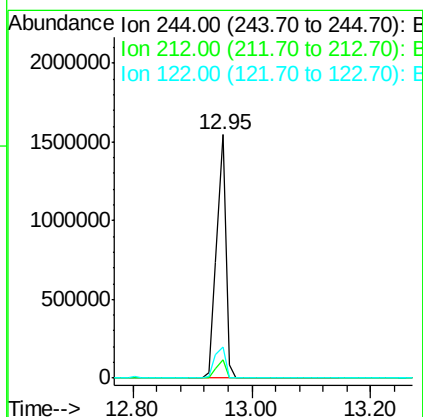
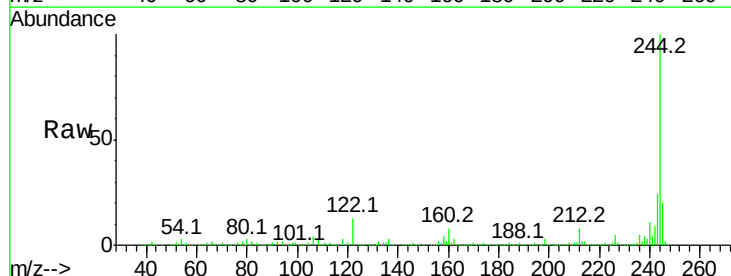
Instrument :
BNA_F
ClientSampleId :
MW-102SMSD

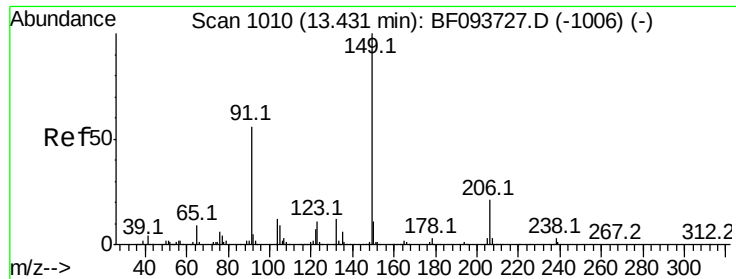
Tot Ion:202 Resp: 1821852
Ion Ratio Lower Upper
202 100
200 22.1 17.6 26.4
203 17.9 14.4 21.6



#78
Terphenyl-d14
Concen: 82.80 ng
RT: 12.95 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF093748.D
Acq: 18 Mar 2017 12:38

Tgt Ion:244 Resp: 1658649
Ion Ratio Lower Upper
244 100
212 7.7 6.0 9.0
122 13.0 10.3 15.5





#79

Butylbenzylphthalate

Concen: 56.18 ng

RT: 13.43 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BF093748.D

Acq: 18 Mar 2017 12:38

Instrument :

BNA_F

ClientSampleId :

MW-102SMSD

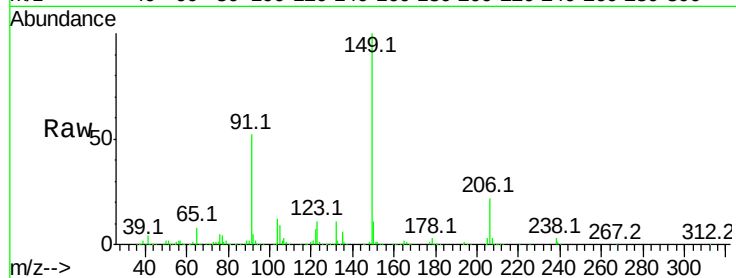
Tot Ion:149 Resp: 875167

Ion Ratio Lower Upper

149 100

91 51.9 45.0 67.4

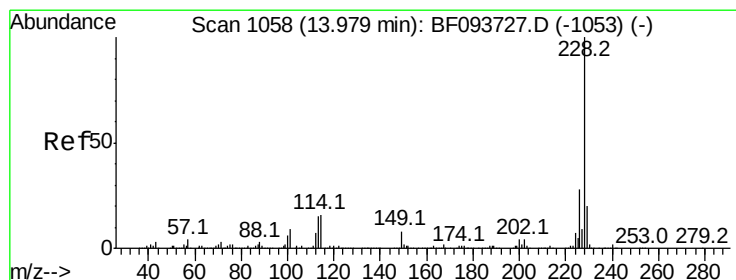
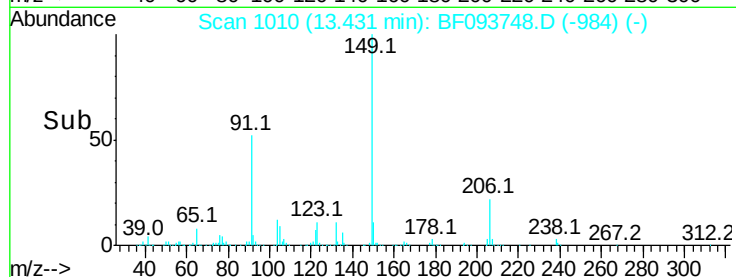
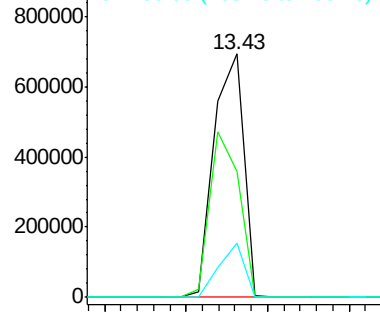
206 22.2 17.0 25.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 48.41 ng

RT: 13.98 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BF093748.D

Acq: 18 Mar 2017 12:38

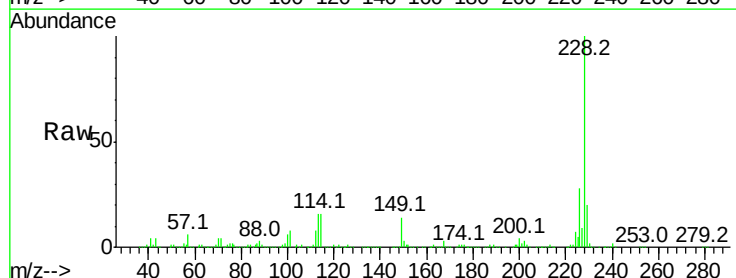
Tgt Ion:228 Resp: 1339717

Ion Ratio Lower Upper

228 100

226 28.1 22.6 33.8

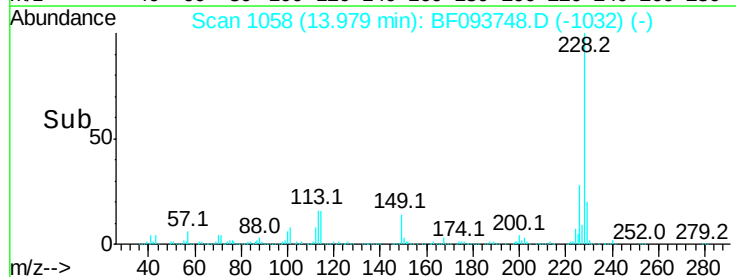
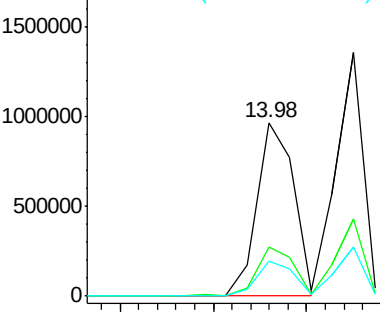
229 20.4 16.3 24.5

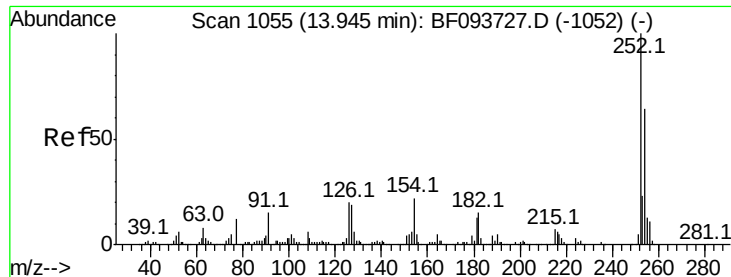


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

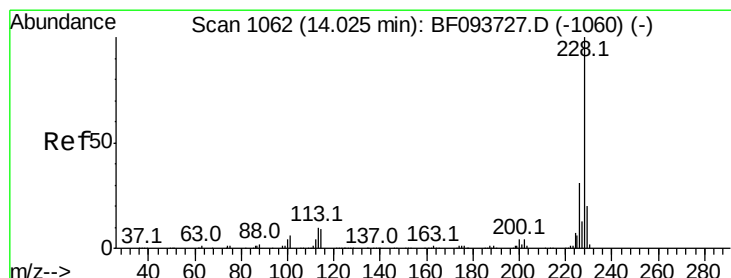
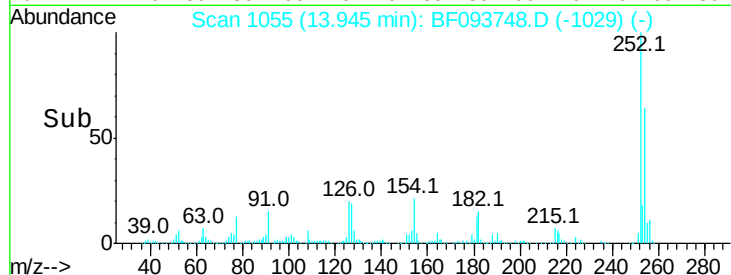
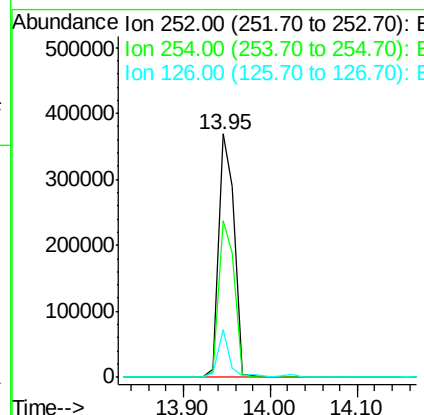
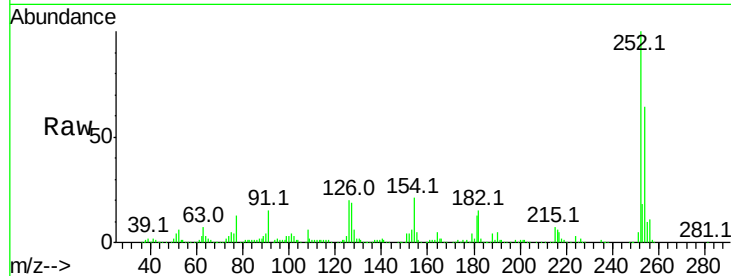




#81
 3,3'-Dichlorobenzidine
 Concen: 48.08 ng
 RT: 13.95 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: BF093748.D
 Acq: 18 Mar 2017 12:38

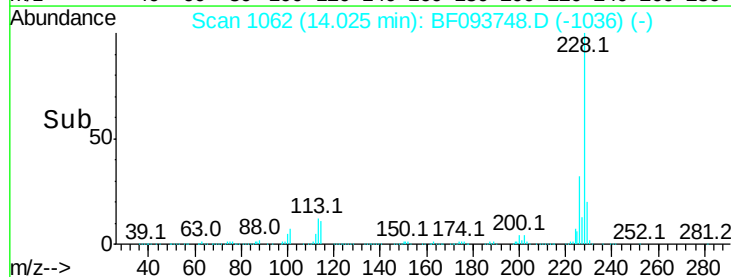
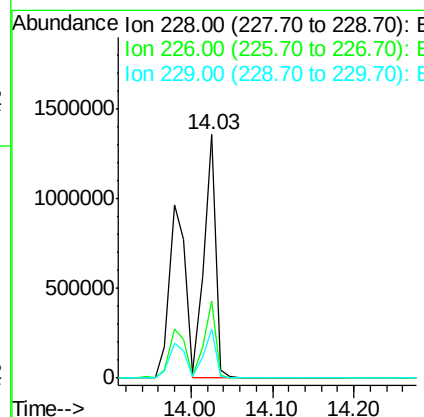
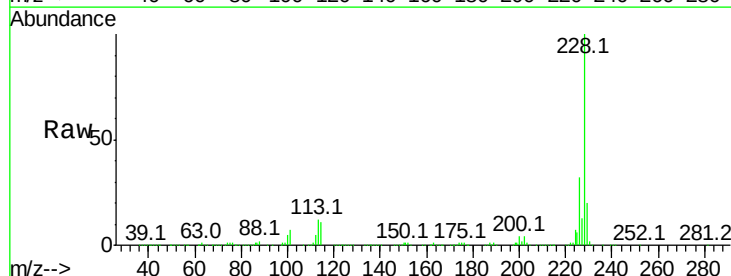
Instrument :
 BNA_F
 ClientSampleId :
 MW-102SMSD

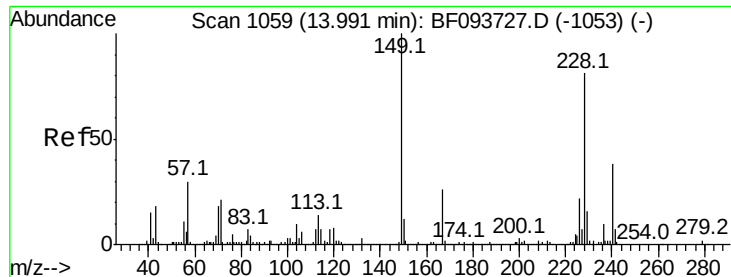
Tot Ion:252 Resp: 466753
 Ion Ratio Lower Upper
 252 100
 254 64.3 51.5 77.3
 126 19.6 15.8 23.8



#82
 Chrysene
 Concen: 51.10 ng
 RT: 14.03 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BF093748.D
 Acq: 18 Mar 2017 12:38

Tgt Ion:228 Resp: 1366781
 Ion Ratio Lower Upper
 228 100
 226 31.6 24.9 37.3
 229 20.2 15.8 23.6

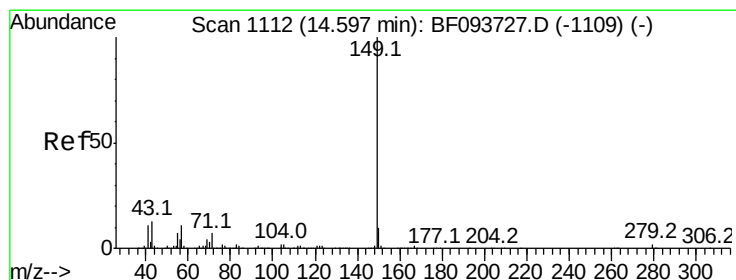
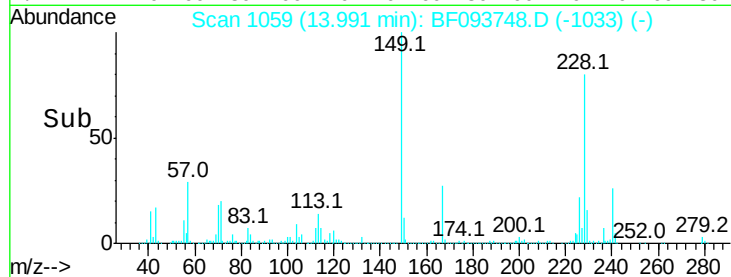
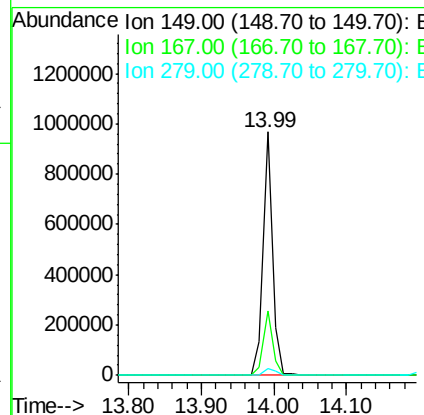
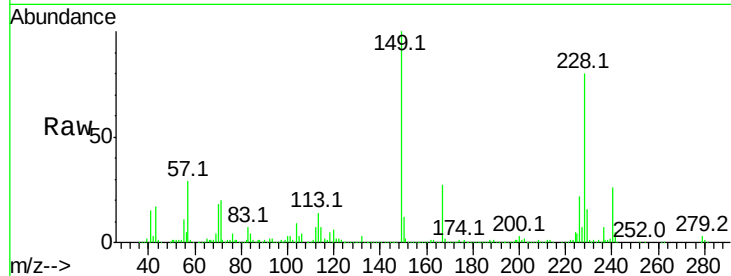




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.55 ng
 RT: 13.99 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: BF093748.D
 Acq: 18 Mar 2017 12:38

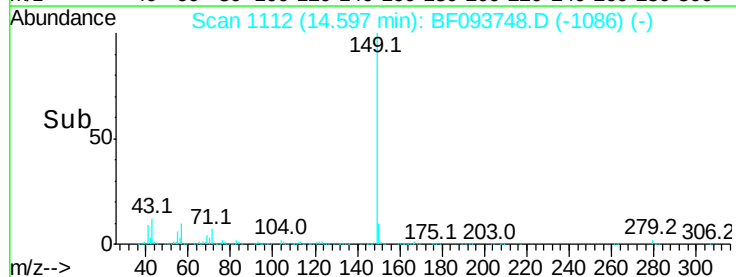
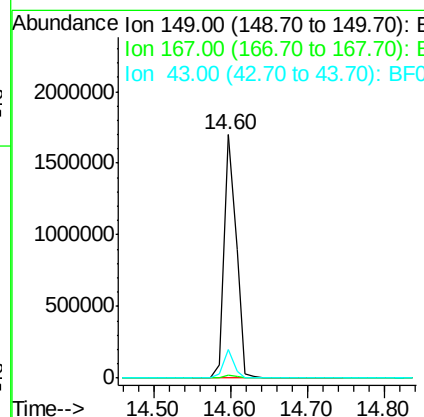
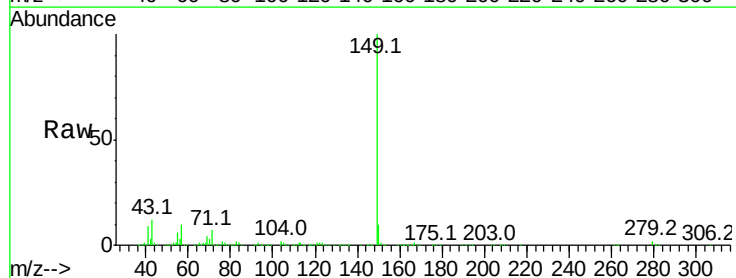
Instrument :
 BNA_F
 ClientSampleId :
 MW-102SMSD

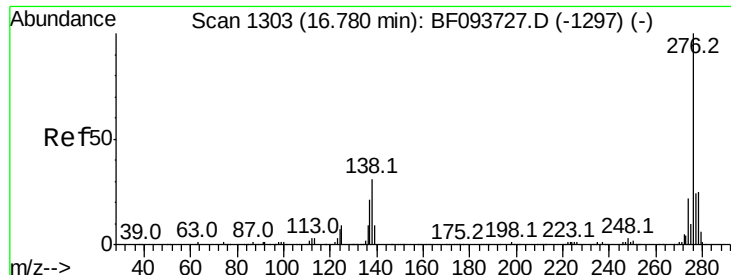
Tot Ion:149 Resp: 899930
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.0 31.4
 279 2.7 1.9 2.9



#84
 Di-n-octyl phthalate
 Concen: 59.45 ng
 RT: 14.60 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BF093748.D
 Acq: 18 Mar 2017 12:38

Tgt Ion:149 Resp: 1876994
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 10.1 8.5 12.7



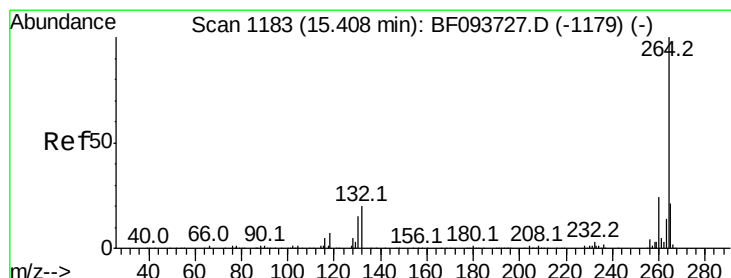
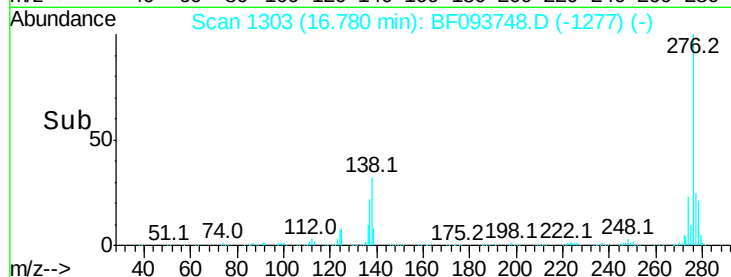
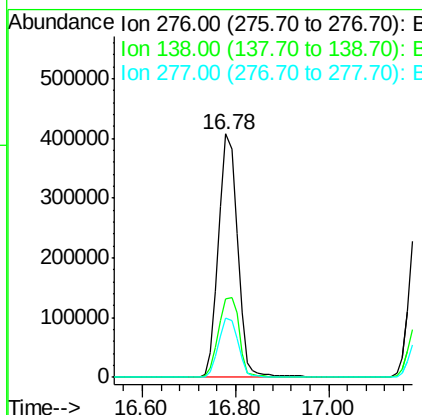
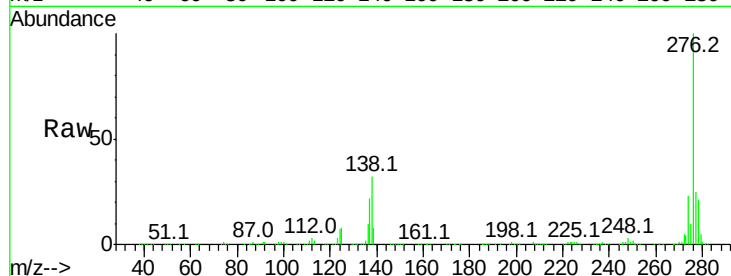


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.17 ng
 RT: 16.78 min Scan# 1303
 Delta R.T. 0.00 min
 Lab File: BF093748.D
 Acq: 18 Mar 2017 12:38

Instrument :
 BNA_F
 ClientSampleId :
 MW-102SMSD

Tot Ion:276 Resp: 1158969

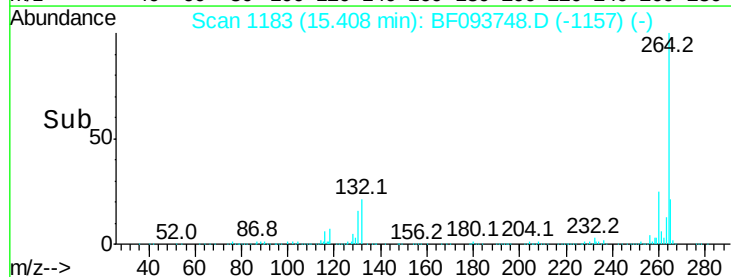
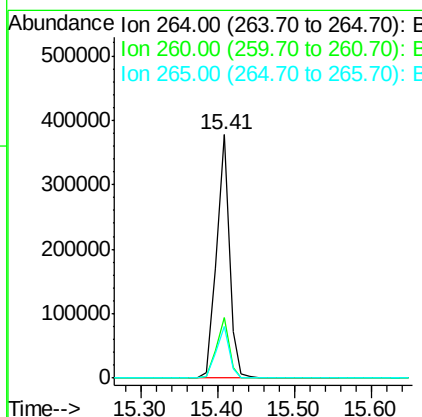
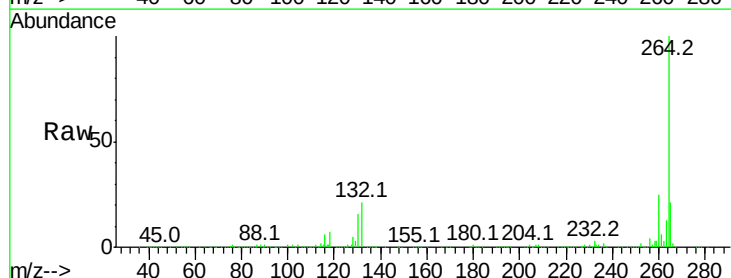
Ion	Ratio	Lower	Upper
276	100		
138	35.4	27.8	41.6
277	25.3	20.2	30.4

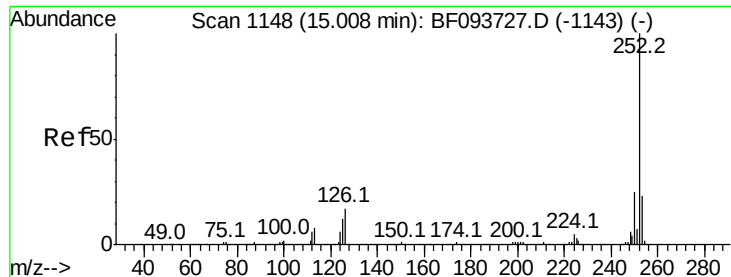


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF093748.D
 Acq: 18 Mar 2017 12:38

Tgt Ion:264 Resp: 442957

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	21.4	17.2	25.8

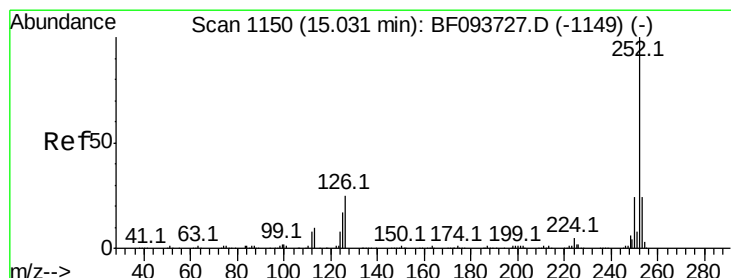
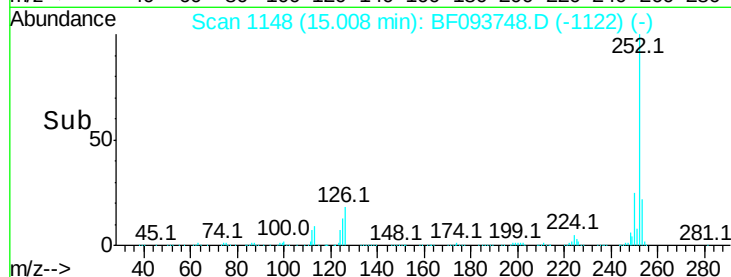
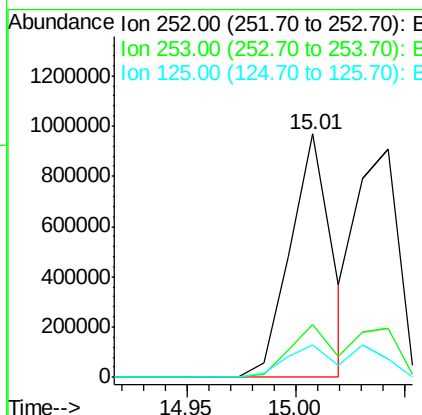
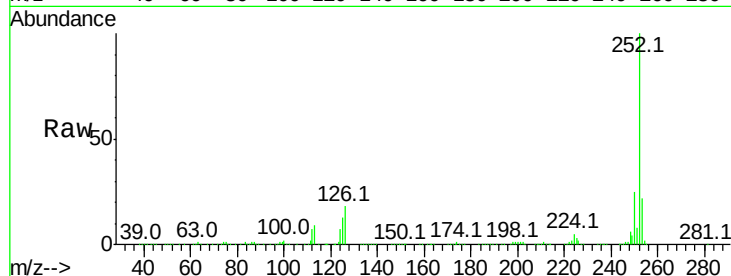




#87
Benzo(b)fluoranthene
Concen: 45.85 ng
RT: 15.01 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF093748.D
Acq: 18 Mar 2017 12:38

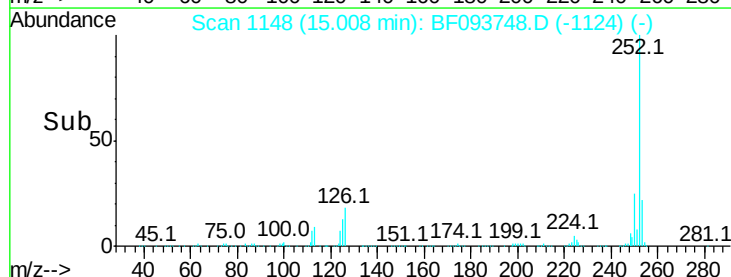
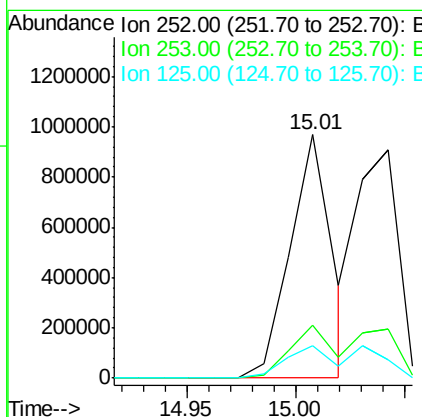
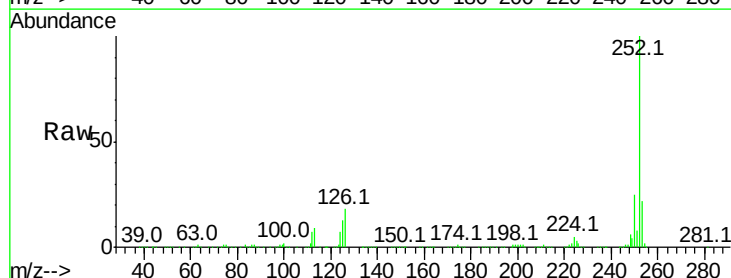
Instrument :
BNA_F
ClientSampleId :
MW-102SMSD

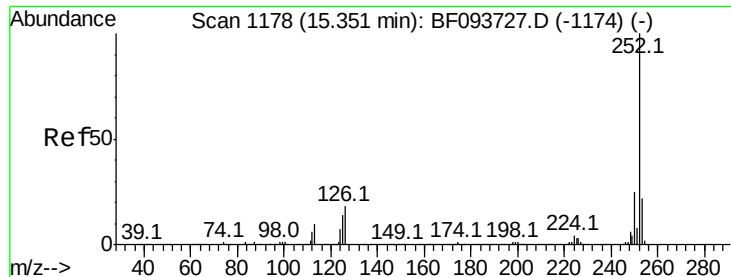
Tot Ion:252 Resp: 1287347
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 13.2 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 51.88 ng
RT: 15.01 min Scan# 1148
Delta R.T. -0.02 min
Lab File: BF093748.D
Acq: 18 Mar 2017 12:38

Tgt Ion:252 Resp: 1287347
Ion Ratio Lower Upper
252 100
253 22.0 18.4 27.6
125 13.2 13.1 19.7

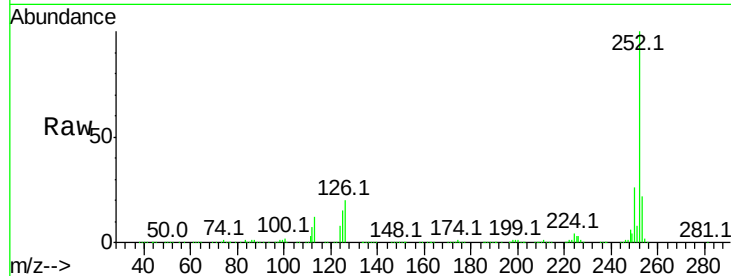




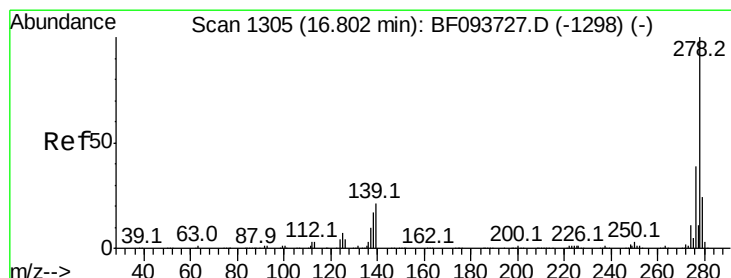
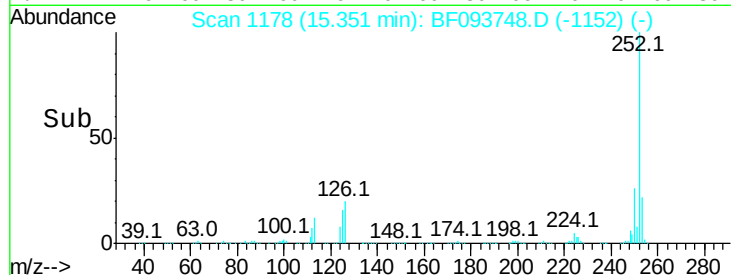
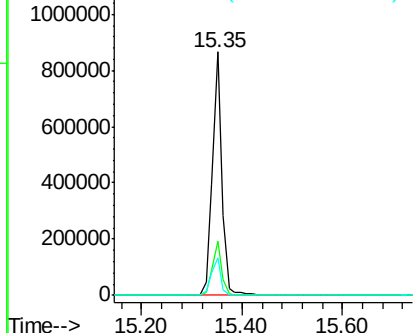
#89
Benzo(a)pyrene
Concen: 45.73 ng
RT: 15.35 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF093748.D
Acq: 18 Mar 2017 12:38

Instrument :
BNA_F
ClientSampleId :
MW-102SMSD

Tot Ion:252 Resp: 1134933
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 15.4 11.0 16.4

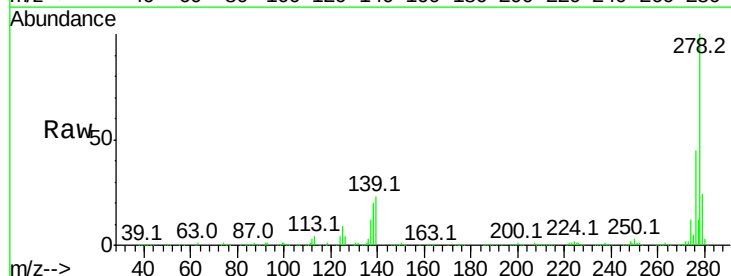


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

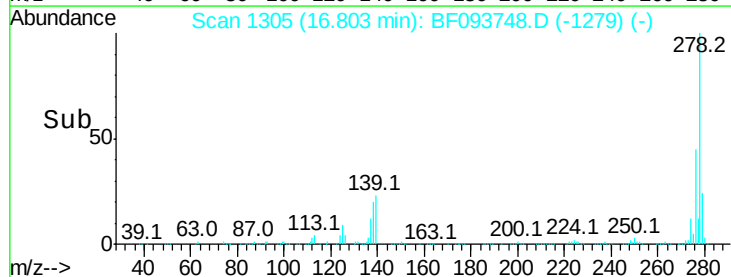
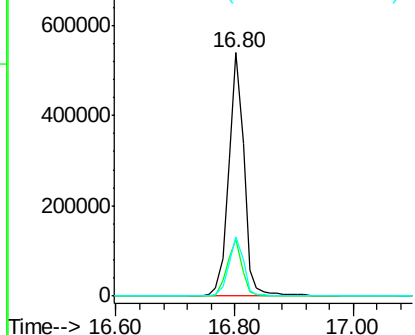


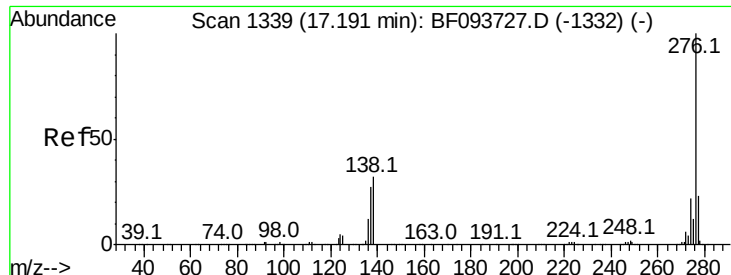
#90
Dibenzo(a,h)anthracene
Concen: 46.04 ng
RT: 16.80 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF093748.D
Acq: 18 Mar 2017 12:38

Tgt Ion:278 Resp: 966730
Ion Ratio Lower Upper
278 100
139 23.4 16.6 24.8
279 24.4 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 45.65 ng

RT: 17.20 min Scan# 1340

Delta R.T. 0.01 min

Lab File: BF093748.D

Acq: 18 Mar 2017 12:38

Instrument :

BNA_F

ClientSampleId :

MW-102SMSD

Tot Ion:276 Resp: 974665

Ion Ratio Lower Upper

276 100

277 23.9 18.6 28.0

138 29.3 25.4 38.0

