

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
 Data File : BF087917.D
 Acq On : 11 Jun 2016 22:30
 Operator : UM/SJ
 Sample : H3362-04MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0991MSD

Quant Time: Jun 12 05:33:01 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 18:51:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	153653	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	641444	20.00	ng	-0.03
38) Acenaphthene-d10	9.85	164	331563	20.00	ng	-0.03
63) Phenanthrene-d10	11.32	188	615089	20.00	ng	-0.03
75) Chrysene-d12	13.97	240	399822	20.00	ng	-0.02
86) Perylene-d12	15.38	264	380459	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	484187	53.87	ng	-0.03
7) Phenol-d6	6.43	99	396749	36.42	ng	-0.05
23) Nitrobenzene-d5	7.38	82	890065	81.03	ng	-0.03
41) 2,4,6-Tribromophenol	10.64	330	296503	84.69	ng	-0.03
44) 2-Fluorobiphenyl	9.18	172	1357028	62.85	ng	-0.03
78) Terphenyl-d14	12.91	244	1379182	78.49	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.40	88	60277	13.80	ng	# 32
3) Pyridine	3.11	79	133160	12.91	ng	97
4) n-Nitrosodimethylamine	3.04	42	62848	14.39	ng	85
6) Aniline	6.47	93	302004	19.48	ng	96
8) 2-Chlorophenol	6.59	128	337422	31.72	ng	# 78
9) Benzaldehyde	6.34	77	32368	3.88	ng	96
10) Phenol	6.44	94	157737	12.21	ng	83
11) bis(2-Chloroethyl)ether	6.54	93	379130	39.69	ng	95
12) 1,3-Dichlorobenzene	6.74	146	399258	34.98	ng	97
13) 1,4-Dichlorobenzene	6.82	146	423310	36.82	ng	99
14) 1,2-Dichlorobenzene	6.82	146	423310	40.48	ng	96
15) Benzyl Alcohol	6.95	79	215182	25.25	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	525418	40.72	ng	89
17) 2-Methylphenol	7.07	107	259009	30.02	ng	98
18) Hexachloroethane	7.31	117	148182	36.32	ng	# 84
19) n-Nitroso-di-n-propylamine	7.23	70	310393	44.54	ng	88
20) 3+4-Methylphenols	7.22	107	227071	22.56	ng	# 66
22) Acetophenone	7.22	105	565054	39.42	ng	# 93
24) Nitrobenzene	7.39	77	431544	40.56	ng	93
25) Isophorone	7.63	82	850682	41.81	ng	100
26) 2-Nitrophenol	7.71	139	262481	46.05	ng	# 76
27) 2,4-Dimethylphenol	7.76	122	379716	36.18	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	529678	41.97	ng	98
29) 2,4-Dichlorophenol	7.95	162	353534	40.35	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	350222	36.71	ng	99
31) Naphthalene	8.11	128	1158533	36.50	ng	100
32) Benzoic acid	7.84	122	75501	13.07	ng	95
33) 4-Chloroaniline	8.17	127	361359	25.49	ng	# 92
34) Hexachlorobutadiene	8.24	225	191585	38.07	ng	98
35) Caprolactam	8.55	113	19158	6.60	ng	97
36) 4-Chloro-3-methylphenol	8.65	107	374074	39.92	ng	93
37) 2-Methylnaphthalene	8.81	142	849363	40.60	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	335081	36.44	ng	# 1
40) Hexachlorocyclopentadiene	8.96	237	322622	60.32	ng	99

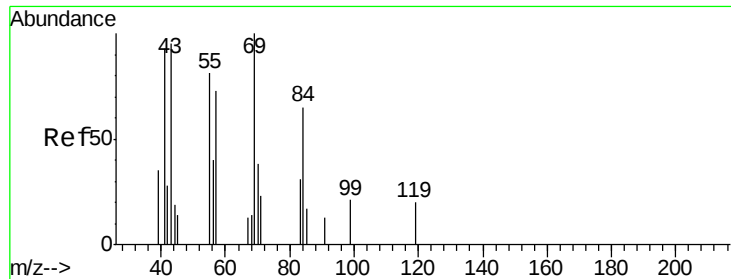
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	257622	38.85	nq	97
43) 2,4,5-Trichlorophenol	9.13	196	249188	36.12	nq	98
45) 1,1'-Biphenyl	9.28	154	1056508	42.04	nq	96
46) 2-Chloronaphthalene	9.30	162	842808	39.28	nq	95
47) 2-Nitroaniline	9.39	65	232147	36.68	nq	90
48) Acenaphthylene	9.71	152	1206000	35.34	nq	99
49) Dimethylphthalate	9.59	163	1004130	41.81	nq	100
50) 2,6-Dinitrotoluene	9.64	165	257082	46.74	nq	95
51) Acenaphthene	9.88	154	852680	40.05	nq	99
52) 3-Nitroaniline	9.80	138	157799	24.86	nq	94
53) 2,4-Dinitrophenol	9.92	184	264388	86.02	nq #	81
54) Dibenzofuran	10.06	168	1028200	35.07	nq #	90
55) 4-Nitrophenol	9.96	139	121389	24.64	nq	91
56) 2,4-Dinitrotoluene	10.04	165	293515	41.52	nq #	73
57) Fluorene	10.40	166	798926	39.76	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	197846	36.50	nq #	51
59) Diethylphthalate	10.28	149	975989	40.15	nq	96
60) 4-Chlorophenyl-phenylether	10.39	204	318689	32.68	nq	95
61) 4-Nitroaniline	10.42	138	223522	37.13	nq	98
62) Azobenzene	10.55	77	888366	36.95	nq	97
64) 4,6-Dinitro-2-methylphenol	10.46	198	174913	45.66	nq #	60
65) n-Nitrosodiphenylamine	10.51	169	722385	35.39	nq	99
66) 4-Bromophenyl-phenylether	10.88	248	228792	34.67	nq #	87
67) Hexachlorobenzene	10.95	284	270425	39.44	nq #	78
68) Atrazine	11.05	200	261977	42.39	nq	98
69) Pentachlorophenol	11.14	266	305554	84.54	nq	98
70) Phenanthrene	11.36	178	1235259	38.27	nq	99
71) Anthracene	11.40	178	1157656	35.56	nq	99
72) Carbazole	11.57	167	1222343	40.12	nq	99
73) Di-n-butylphthalate	11.90	149	1222281	31.69	nq	99
74) Fluoranthene	12.54	202	1193438	35.04	nq	97
76) Benzidine	12.66	184	302693	27.34	nq	98
77) Pyrene	12.77	202	1163158	39.20	nq	99
79) Butylbenzylphthalate	13.39	149	597672	45.56	nq	87
80) Benzo(a)anthracene	13.95	228	940500	41.28	nq	100
81) 3,3'-Dichlorobenzidine	13.92	252	220575	36.00	nq #	96
82) Chrysene	14.00	228	1023531	47.75	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	604984	37.89	nq	100
84) Di-n-octyl phthalate	14.57	149	1338227	51.58	nq #	100
85) Indeno(1,2,3-cd)pyrene	16.75	276	905283	45.46	nq #	100
87) Benzo(b)fluoranthene	15.01	252	1737397	65.52	nq #	95
88) Benzo(k)fluoranthene	15.01	252	1737397	86.85	nq	100
89) Benzo(a)pyrene	15.33	252	842543	39.27	nq #	96
90) Dibenzo(a,h)anthracene	16.78	278	731924	36.73	nq	97
91) Benzo(g,h,i)perylene	17.17	276	777045	37.91	nq	99

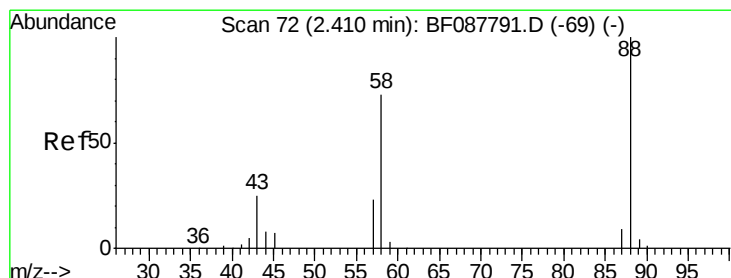
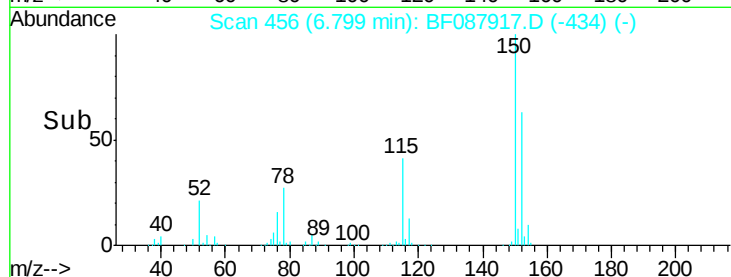
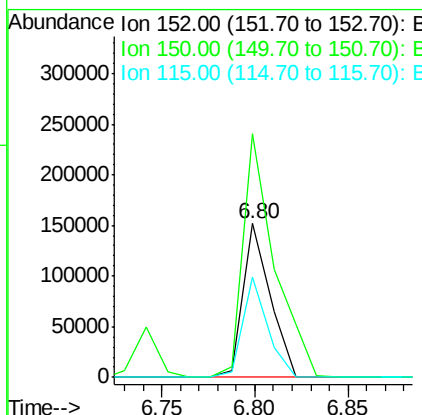
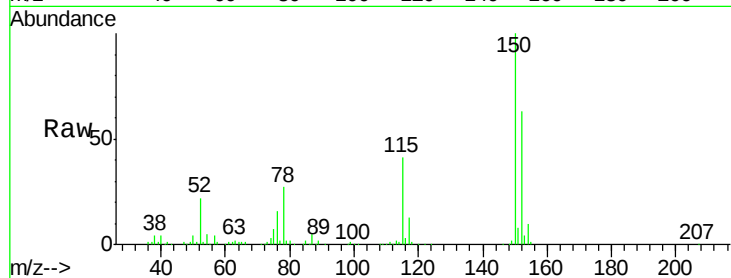
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 456
 Delta R.T. -0.05 min
 Lab File: BF087917.D
 Acq: 11 Jun 2016 22:30

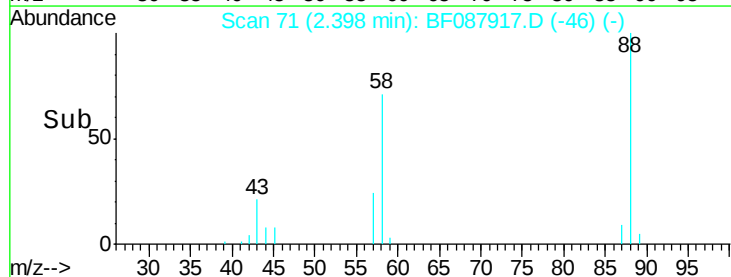
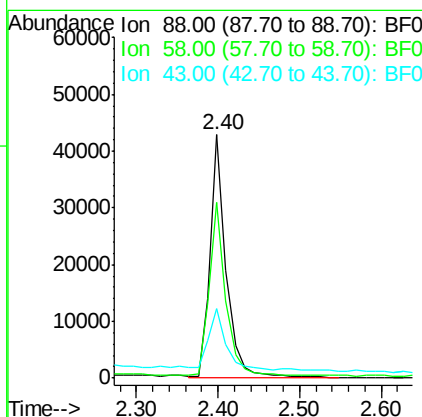
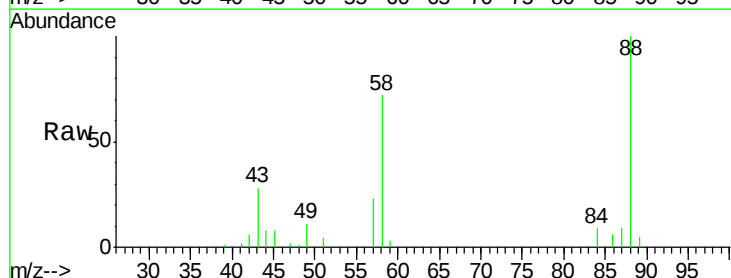
Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0991MSD

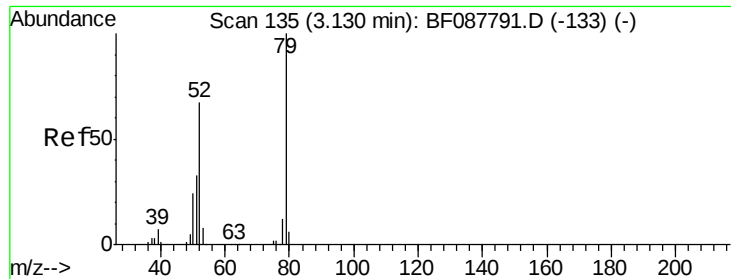
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	123.8	185.6
115	65.3	39.6	59.4



#2
 1,4-Dioxane
 Concen: 13.80 ng
 RT: 2.40 min Scan# 71
 Delta R.T. -0.01 min
 Lab File: BF087917.D
 Acq: 11 Jun 2016 22:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.2	0.0	0.0
43	26.6	3.4	5.2





#3

Pvridine

Concen: 12.91 ng

RT: 3.11 min Scan# 133

Delta R.T. -0.02 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0991MSD

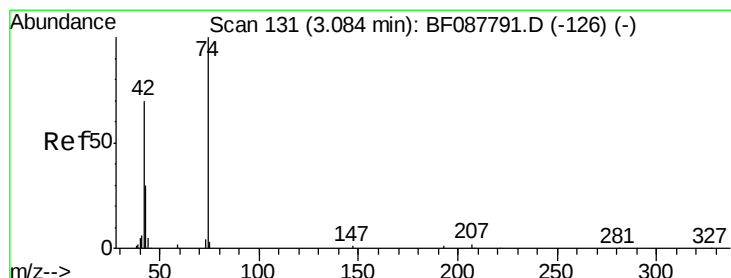
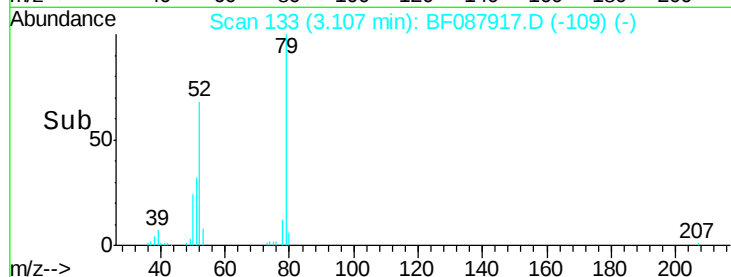
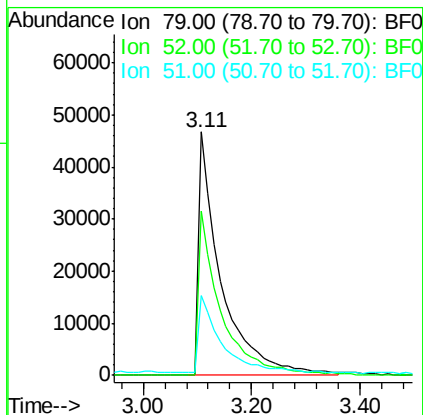
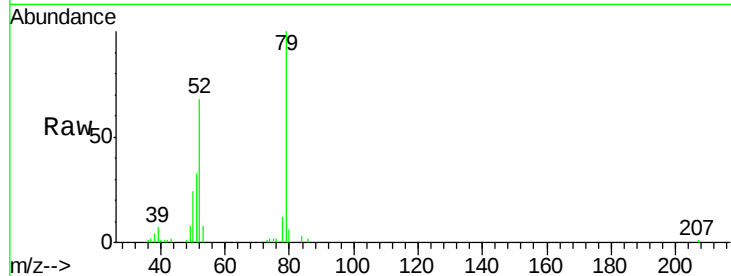
Tot Ion: 79 Resp: 133160

Ion Ratio Lower Upper

79 100

52 67.7 56.3 84.5

51 32.9 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 14.39 ng

RT: 3.04 min Scan# 127

Delta R.T. -0.05 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

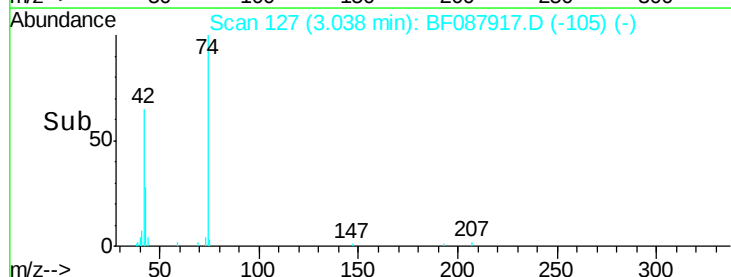
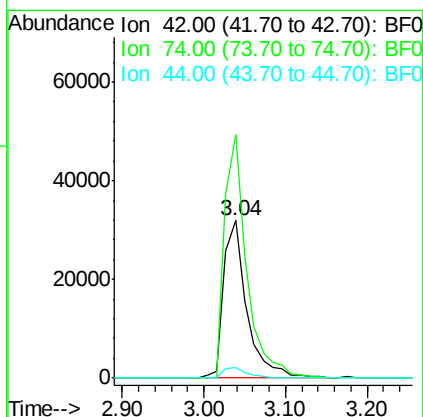
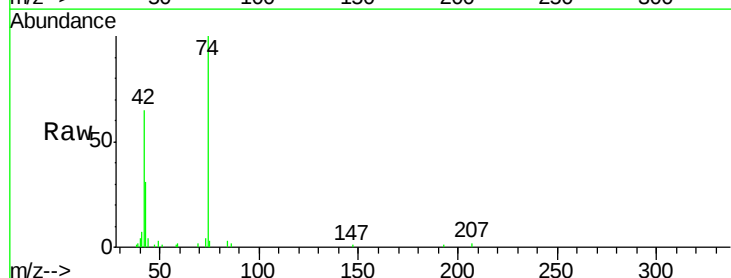
Tgt Ion: 42 Resp: 62848

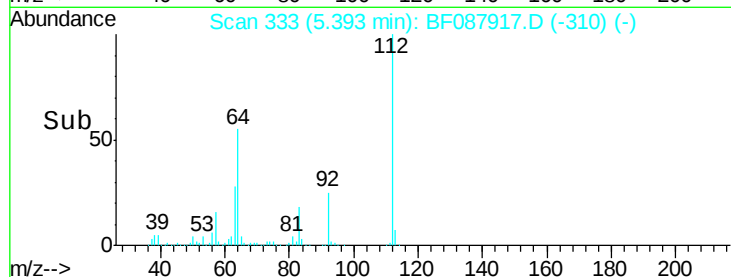
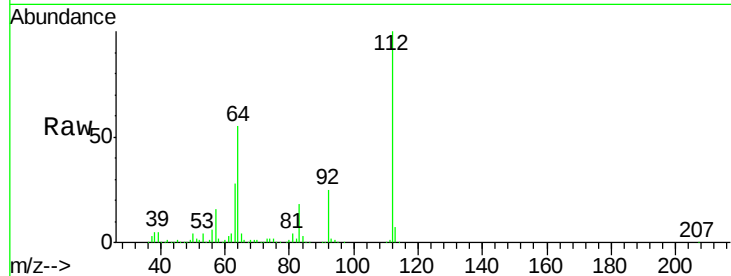
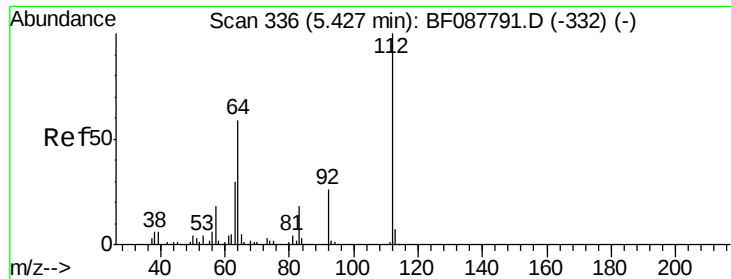
Ion Ratio Lower Upper

42 100

74 154.3 108.6 163.0

44 6.9 5.5 8.3





#5

2-Fluorophenol

Concen: 53.87 ng

RT: 5.39 min Scan# 333

Delta R.T. -0.03 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0991MSD

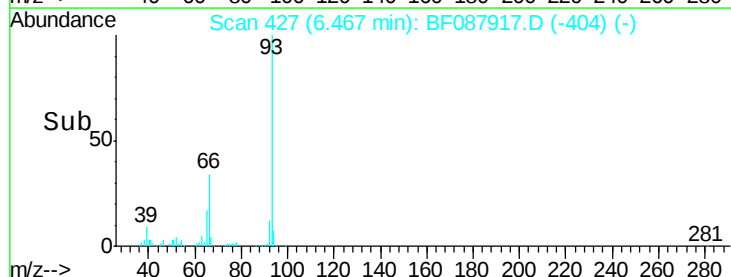
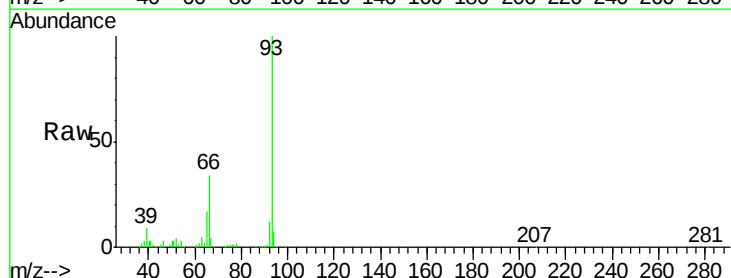
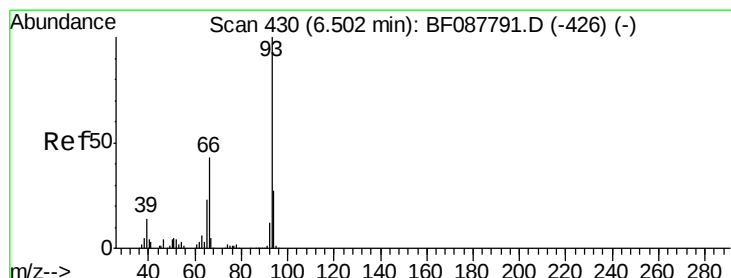
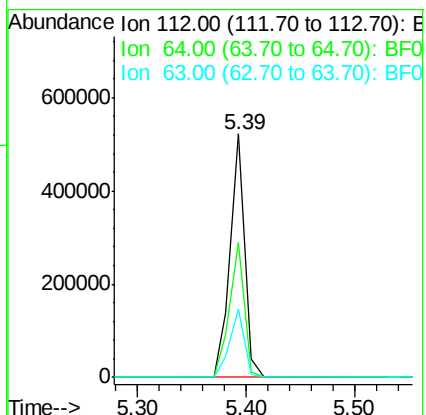
Tot Ion:112 Resp: 484187

Ion Ratio Lower Upper

112 100

64 55.2 42.2 63.2

63 28.2 21.8 32.8



#6

Aniline

Concen: 19.48 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.03 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

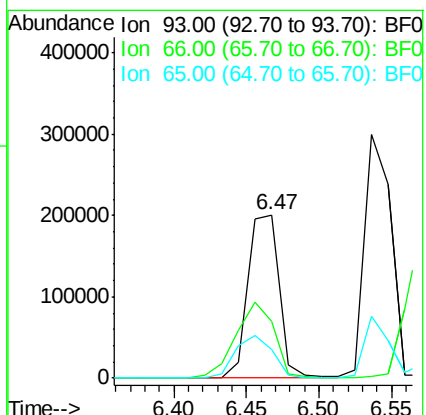
Tgt Ion: 93 Resp: 302004

Ion Ratio Lower Upper

93 100

66 34.4 29.8 44.8

65 17.2 14.9 22.3





#7

Phenol-d6

Concen: 36.42 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.05 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0991MSD

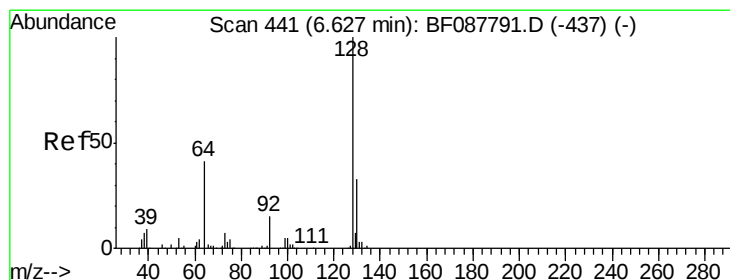
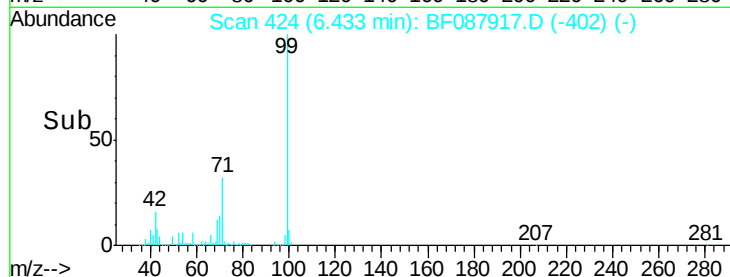
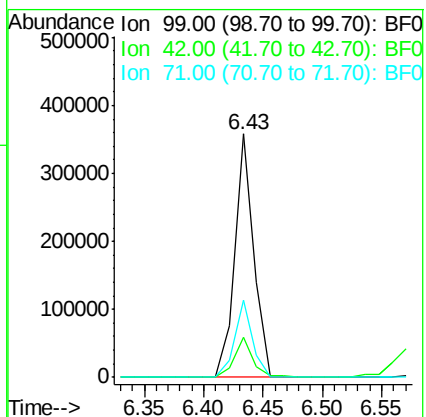
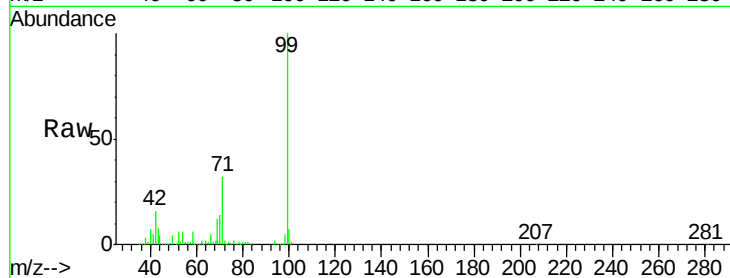
Tot Ion: 99 Resp: 396749

Ion Ratio Lower Upper

99 100

42 16.5 12.2 18.2

71 31.6 23.4 35.0



#8

2-Chlorophenol

Concen: 31.72 ng

RT: 6.59 min Scan# 438

Delta R.T. -0.03 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

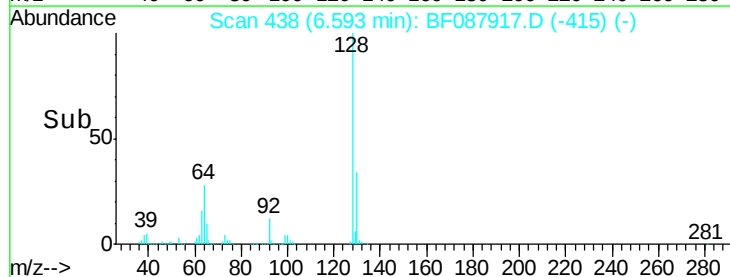
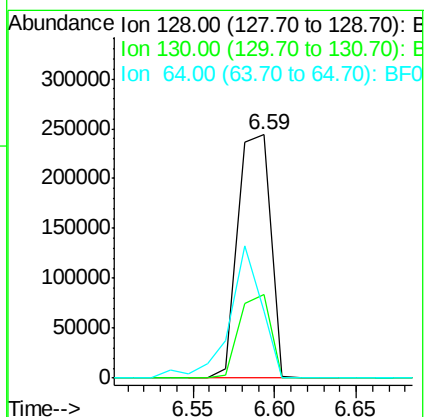
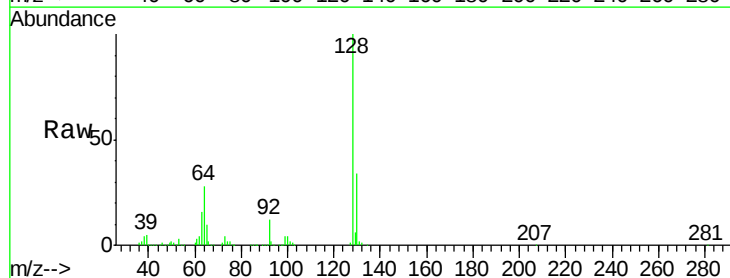
Tgt Ion: 128 Resp: 337422

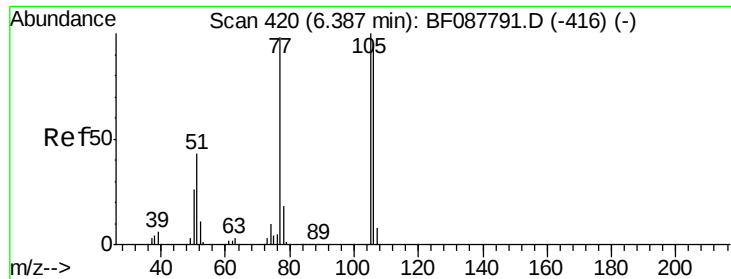
Ion Ratio Lower Upper

128 100

130 34.2 12.0 52.0

64 27.6 30.8 70.8#





#9

Benzaldehyde

Concen: 3.88 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.05 min

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Acq: 11 Jun 2016 22:30

Instrument :

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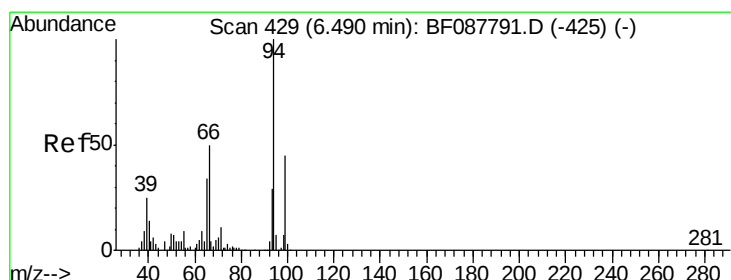
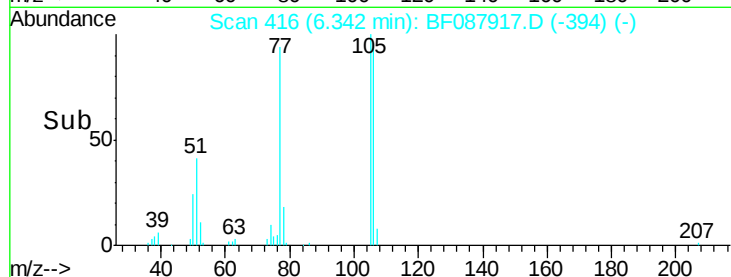
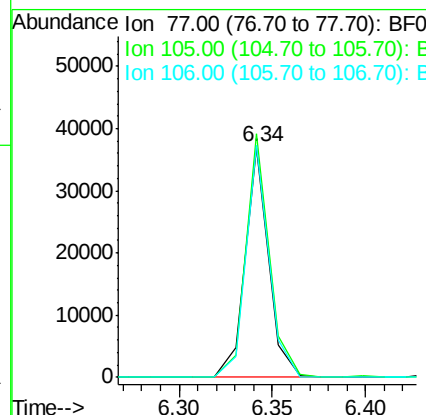
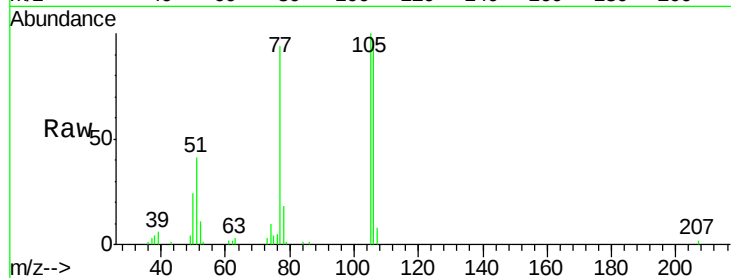
Tot Ion: 77 Resp: 32368

Ion Ratio Lower Upper

77 100

105 106.0 90.6 130.6

106 101.2 85.3 125.3



#10

Phenol

Concen: 12.21 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.05 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

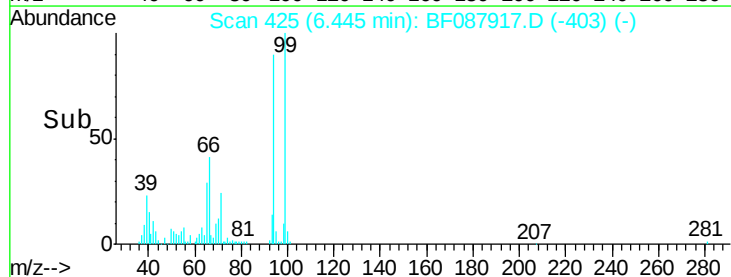
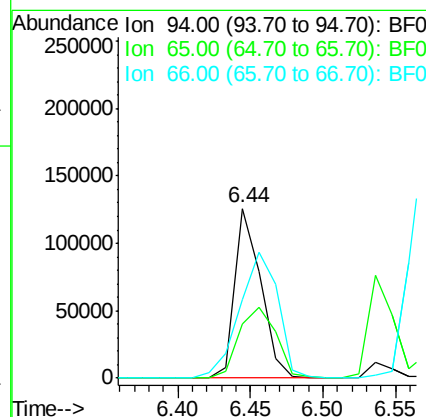
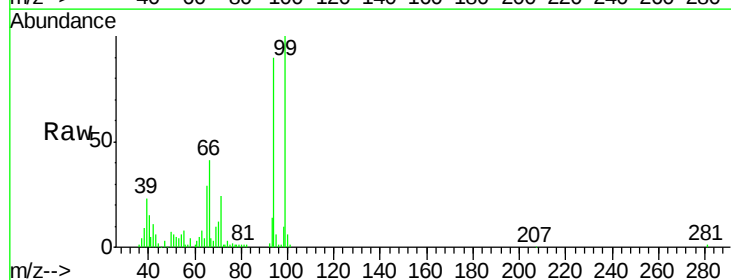
Tgt Ion: 94 Resp: 157737

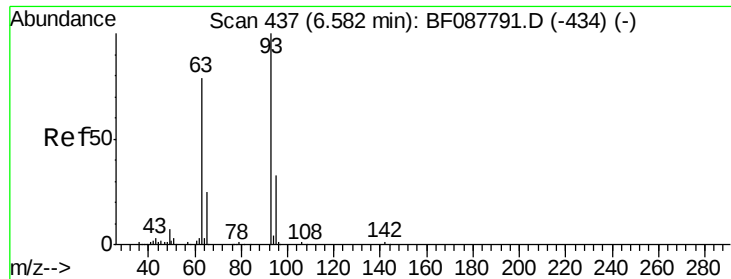
Ion Ratio Lower Upper

94 100

65 31.8 5.9 45.9

66 46.2 14.0 54.0

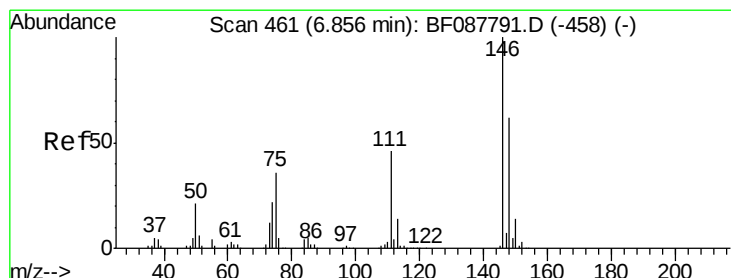
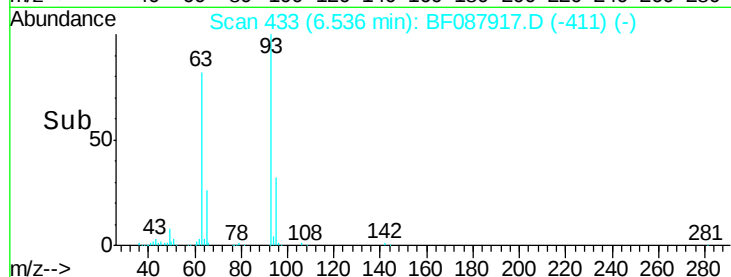
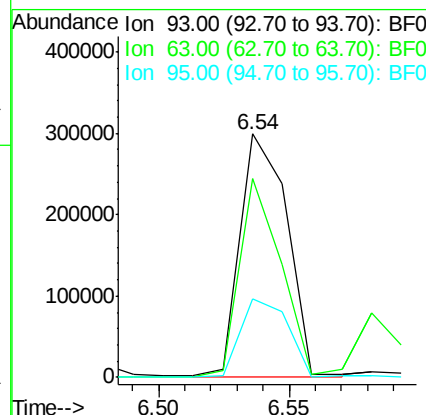
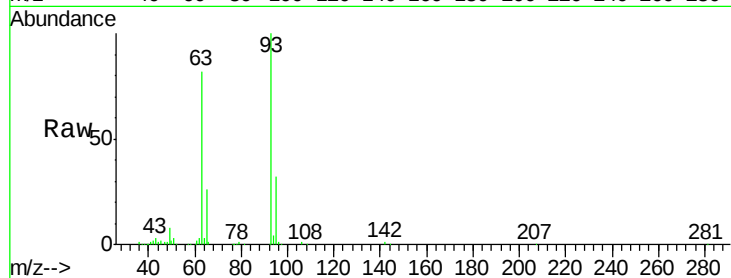




#11
bis(2-Chloroethyl)ether
Concen: 39.69 ng
RT: 6.54 min Scan# 433
Delta R.T. -0.05 min
Lab File: BF087917.D
Acq: 11 Jun 2016 22:30

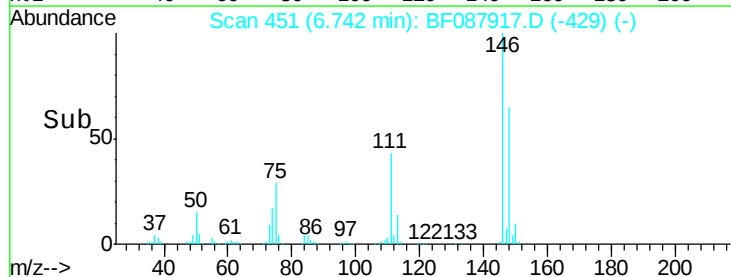
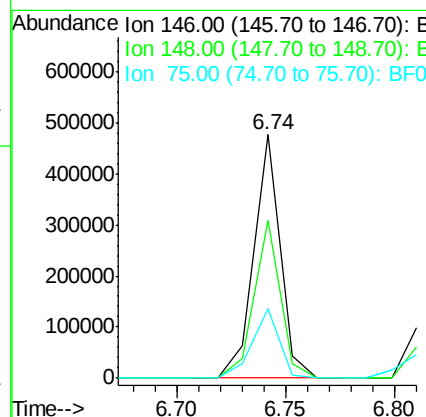
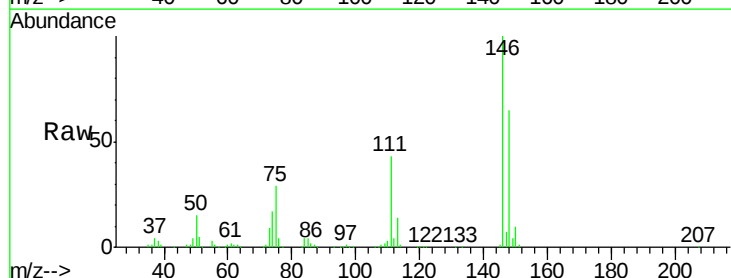
Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

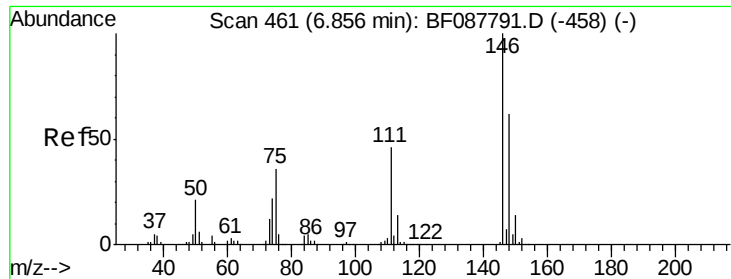
Tot Ion: 93 Resp: 379130
Ion Ratio Lower Upper
93 100
63 81.6 67.6 107.6
95 32.3 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 34.98 ng
RT: 6.74 min Scan# 451
Delta R.T. -0.05 min
Lab File: BF087917.D
Acq: 11 Jun 2016 22:30

Tgt Ion: 146 Resp: 399258
Ion Ratio Lower Upper
146 100
148 64.8 50.9 76.3
75 28.6 25.6 38.4





#13

1,4-Dichlorobenzene

Concen: 36.82 ng

RT: 6.82 min Scan# 458

Delta R.T. -0.03 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0991MSD

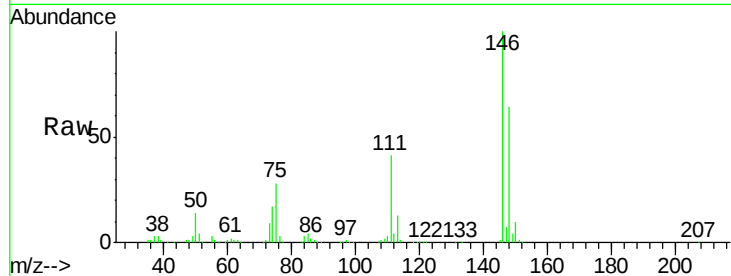
Tot Ion:146 Resp: 423310

Ion Ratio Lower Upper

146 100

148 64.4 52.0 78.0

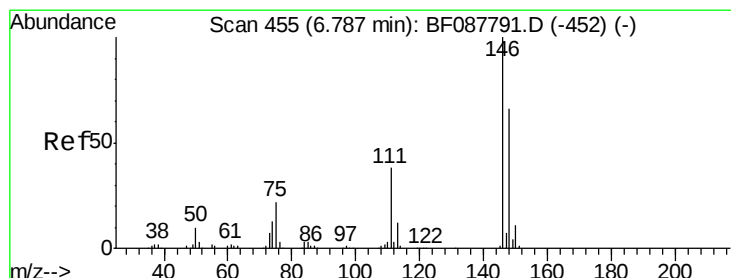
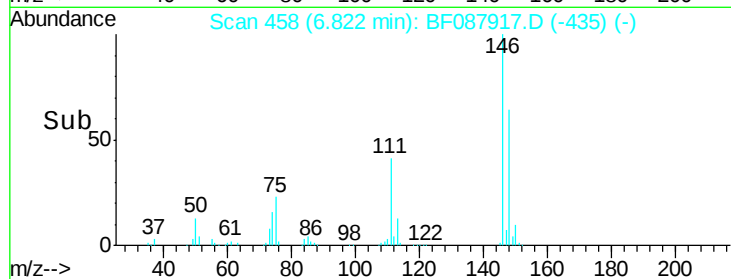
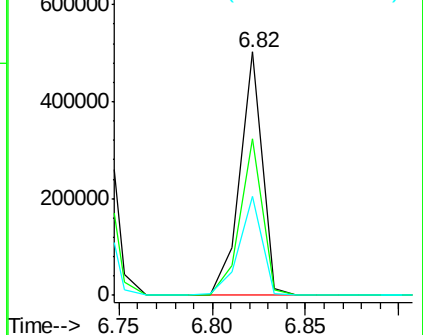
111 40.8 33.8 50.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.48 ng

RT: 6.82 min Scan# 458

Delta R.T. -0.19 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

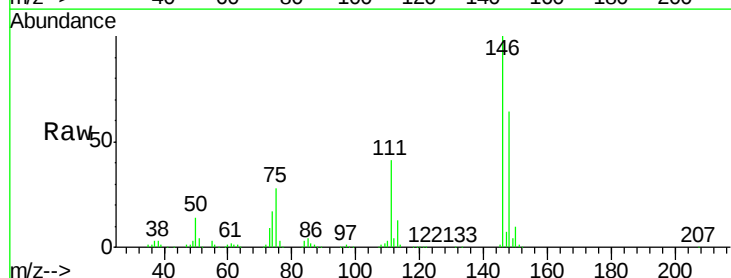
Tgt Ion:146 Resp: 423310

Ion Ratio Lower Upper

146 100

148 64.4 52.3 78.5

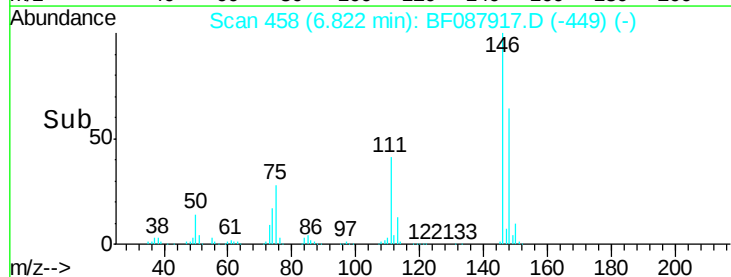
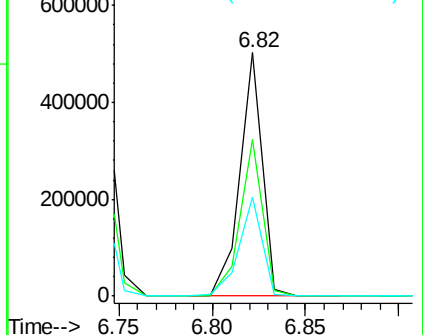
111 40.8 28.7 43.1

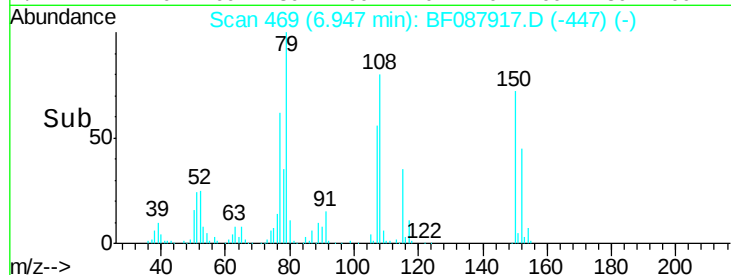
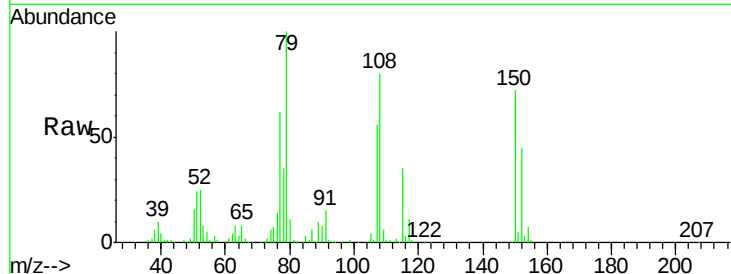
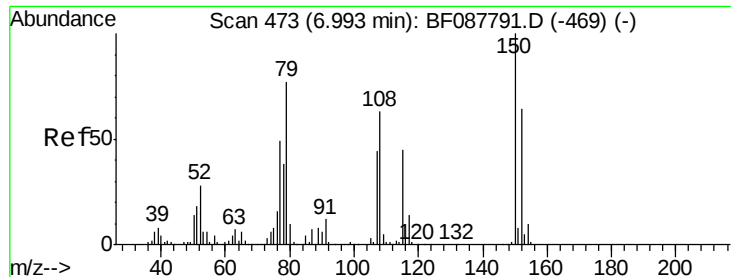


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

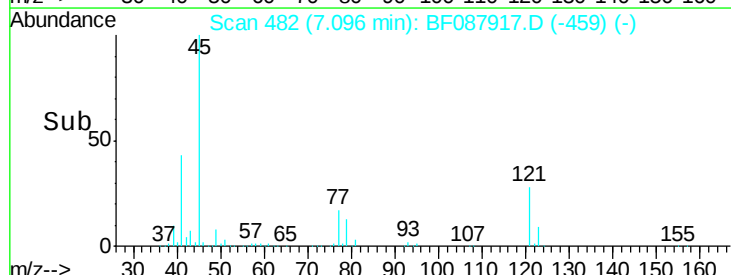
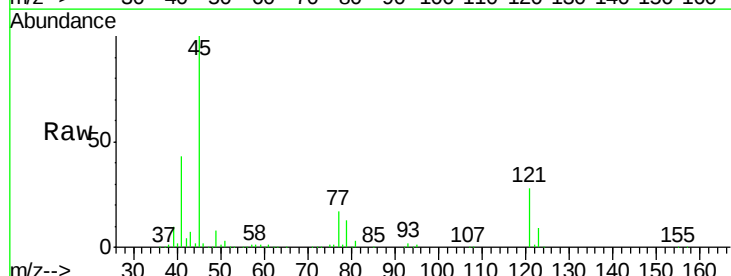
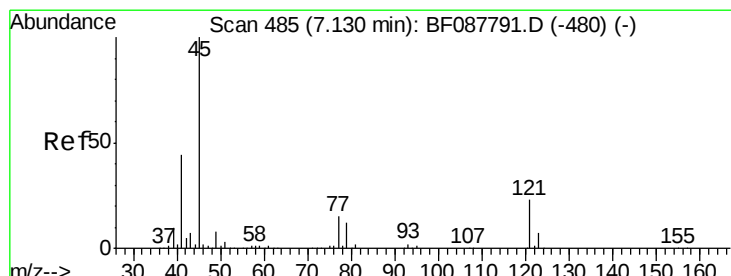
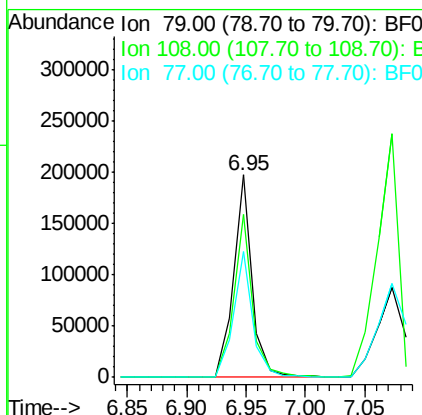




#15
Benzyl Alcohol
Concen: 25.25 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.05 min
Lab File: BF087917.D
Acq: 11 Jun 2016 22:30

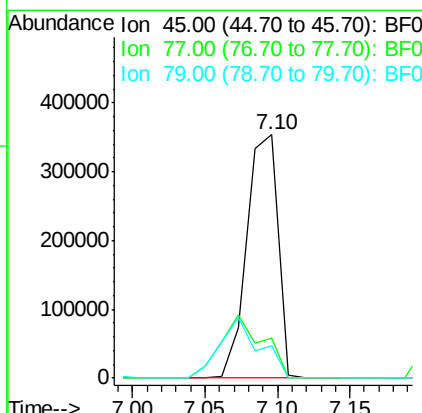
Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

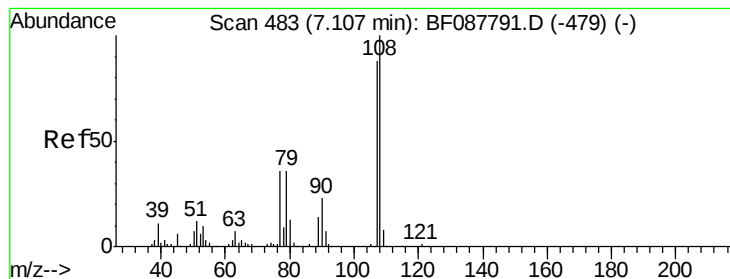
Tot Ion: 79 Resp: 215182
Ion Ratio Lower Upper
79 100
108 80.3 65.0 97.6
77 62.3 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.72 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.03 min
Lab File: BF087917.D
Acq: 11 Jun 2016 22:30

Tgt Ion: 45 Resp: 525418
Ion Ratio Lower Upper
45 100
77 16.7 0.0 32.5
79 13.4 0.0 29.5





#17

2-Methylphenol

Concen: 30.02 ng

RT: 7.07 min Scan# 480

Delta R.T. -0.03 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0991MSD

Tot Ion:107 Resp: 259009

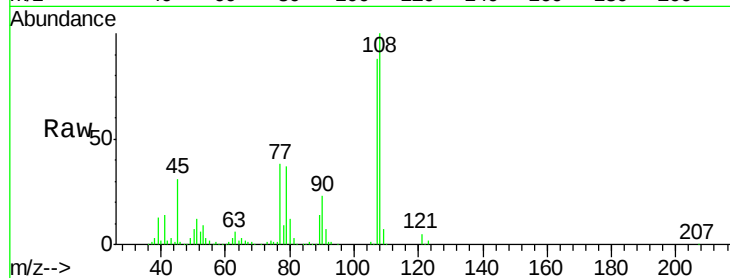
Ion Ratio Lower Upper

107 100

108 113.7 90.9 136.3

77 43.6 36.6 55.0

79 41.8 36.5 54.7

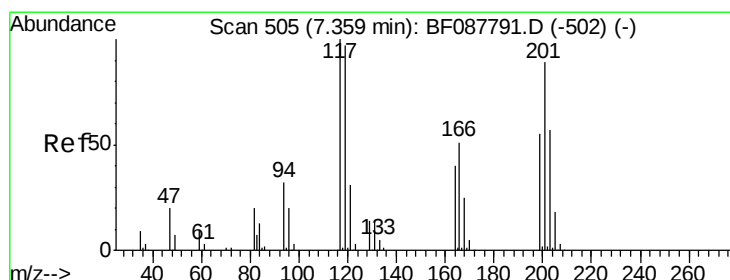
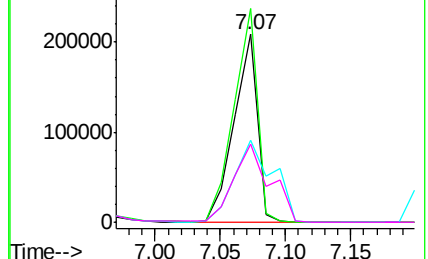
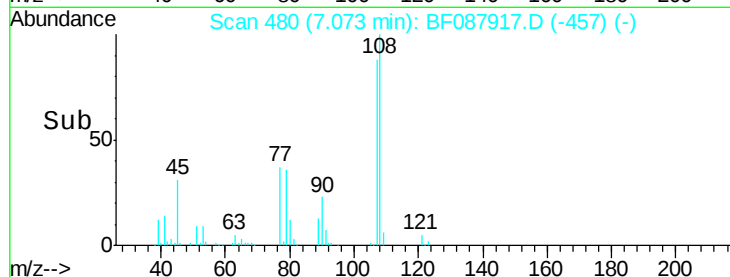


Abundance Ion 107.00 (106.70 to 107.70): E

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: 36.32 ng

RT: 7.31 min Scan# 501

Delta R.T. -0.05 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

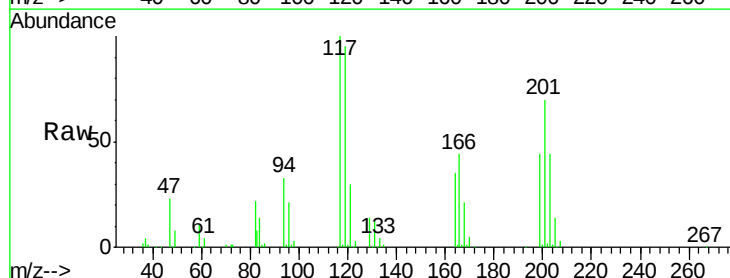
Tgt Ion:117 Resp: 148182

Ion Ratio Lower Upper

117 100

119 95.1 77.4 116.2

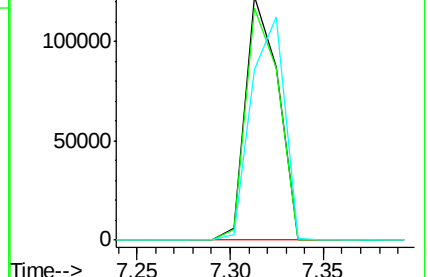
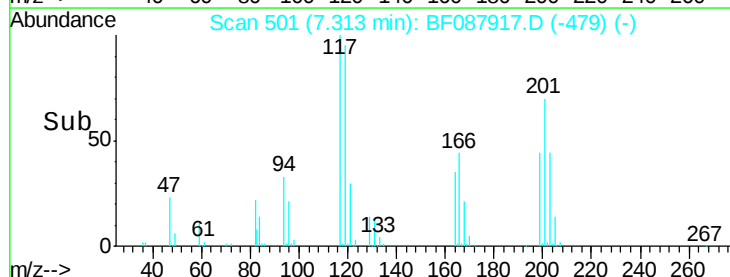
201 70.3 80.4 120.6#

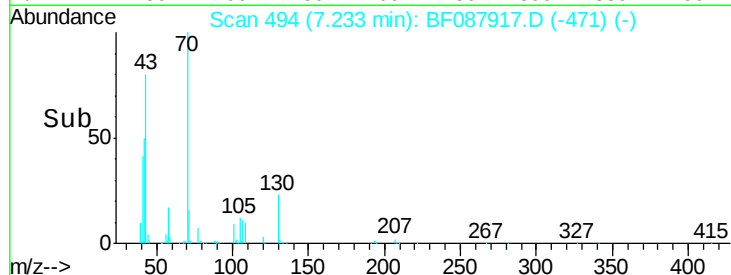
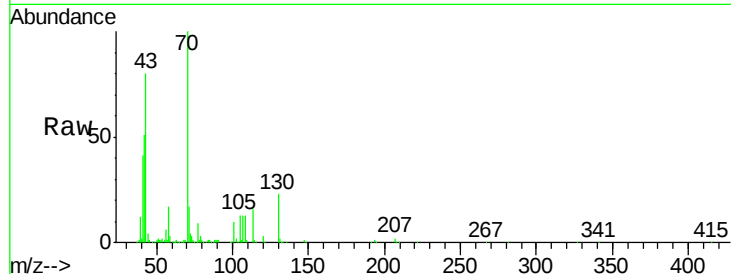
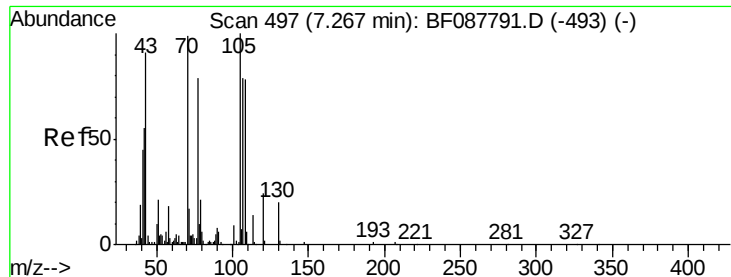


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

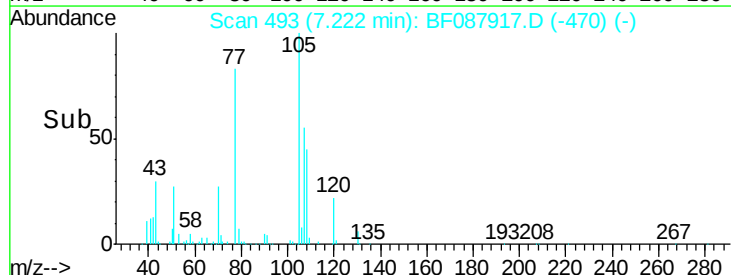
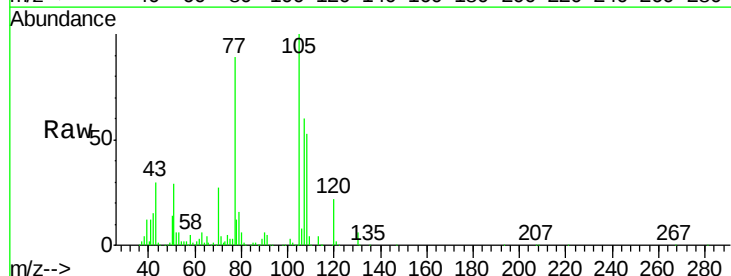
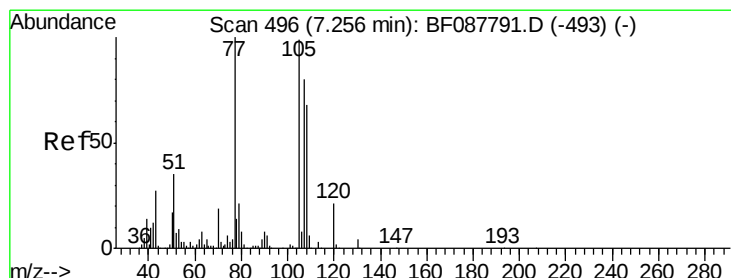
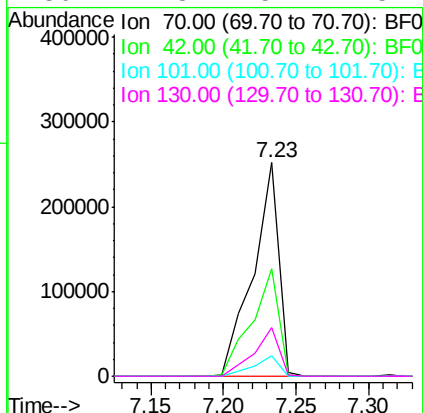




#19
n-Nitroso-di-n-propylamine
Concen: 44.54 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.03 min
Lab File: BF087917.D
Acq: 11 Jun 2016 22:30

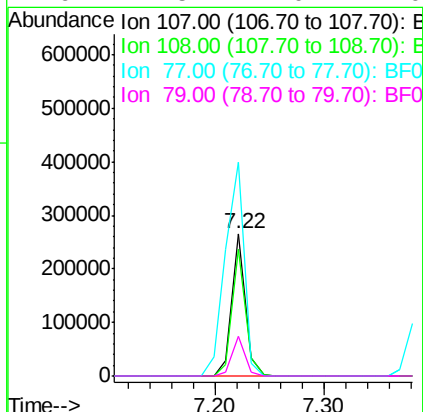
Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

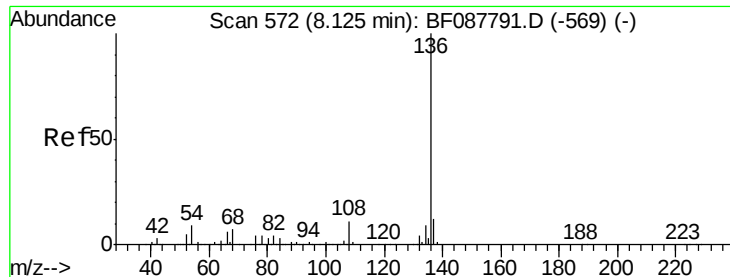
Tot Ion:	70	Resp:	310393
Ion	Ratio	Lower	Upper
70	100		
42	50.6	49.6	74.4
101	9.6	7.1	10.7
130	22.8	15.4	23.2



#20
3+4-Methylphenols
Concen: 22.56 ng
RT: 7.22 min Scan# 493
Delta R.T. -0.03 min
Lab File: BF087917.D
Acq: 11 Jun 2016 22:30

Tgt Ion:	107	Resp:	227071
Ion	Ratio	Lower	Upper
107	100		
108	89.0	67.8	107.8
77	150.1	59.3	99.3#
79	27.5	7.0	47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 569

Delta R.T. -0.03 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0991MSD

Tot Ion:136 Resp: 641444

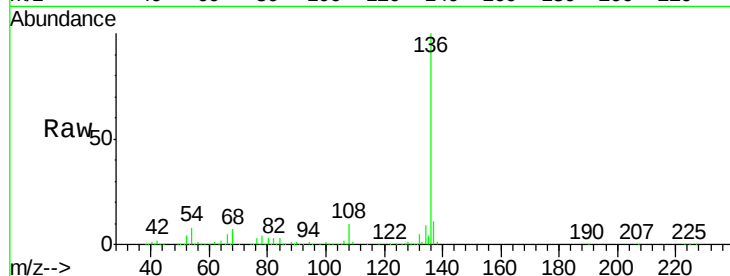
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 8.4 6.6 10.0

68 6.8 5.1 7.7

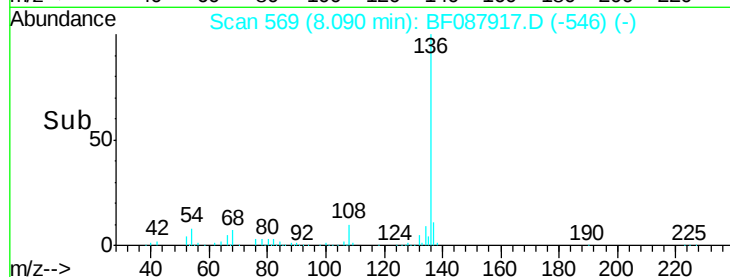


Abundance Ion 136.00 (135.70 to 136.70): E

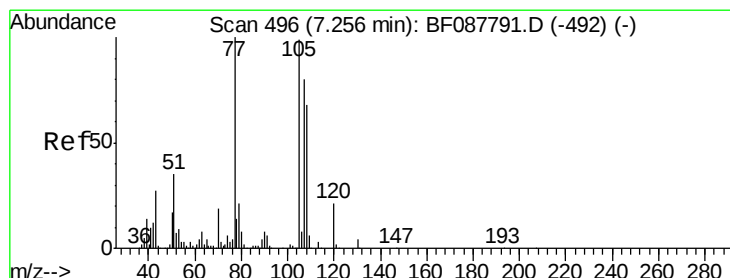
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 8.00 8.05 8.10 8.15



#22

Acetophenone

Concen: 39.42 ng

RT: 7.22 min Scan# 493

Delta R.T. -0.03 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

Tgt Ion:105 Resp: 565054

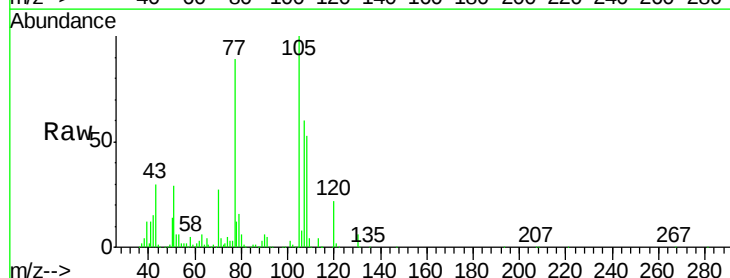
Ion Ratio Lower Upper

105 100

71 4.5 5.3 7.9#

51 28.9 18.2 27.4#

120 22.0 18.0 27.0

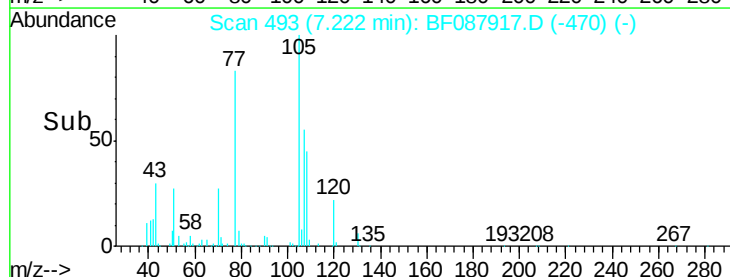


Abundance Ion 105.00 (104.70 to 105.70): E

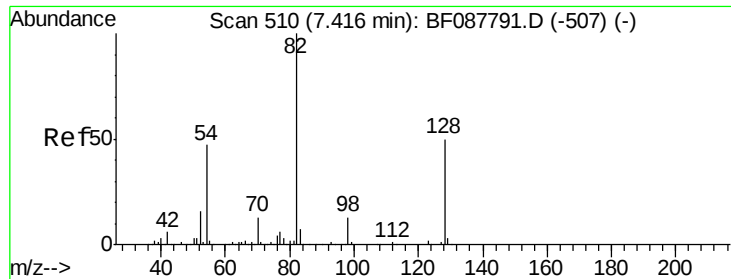
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



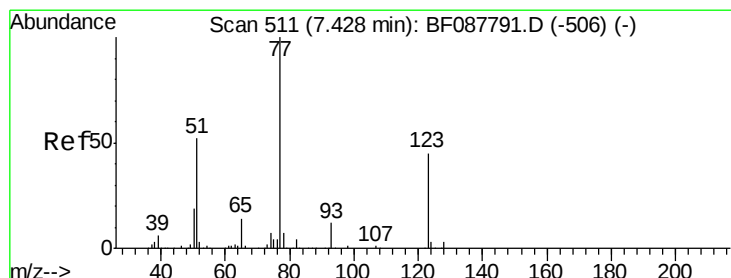
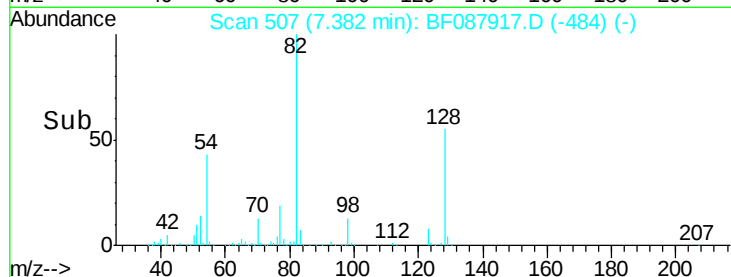
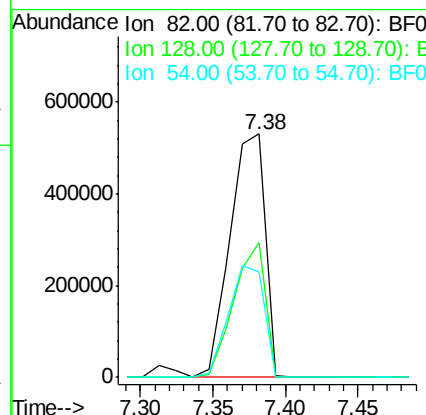
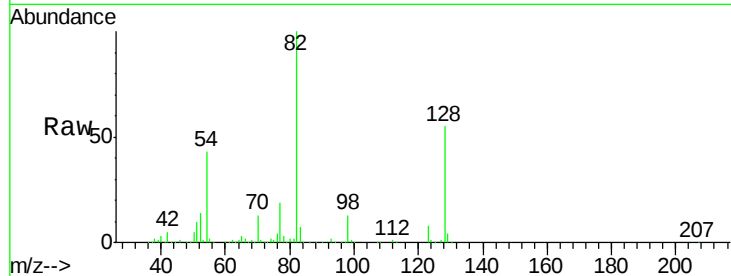
Time--> 7.15 7.20 7.25 7.30



#23
 Nitrobenzene-d5
 Concen: 81.03 ng
 RT: 7.38 min Scan# 507
 Delta R.T. -0.03 min
 Lab File: BF087917.D
 Acq: 11 Jun 2016 22:30

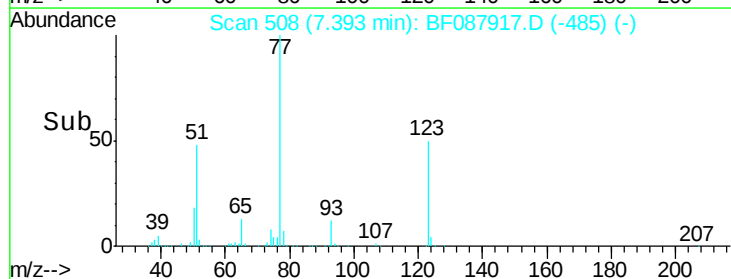
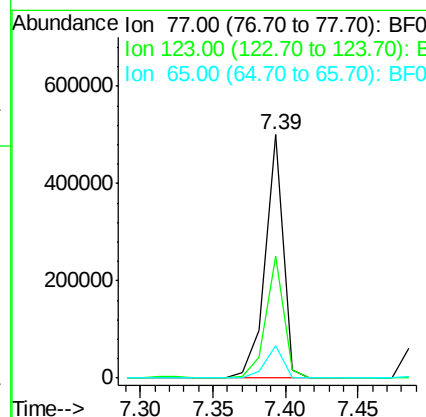
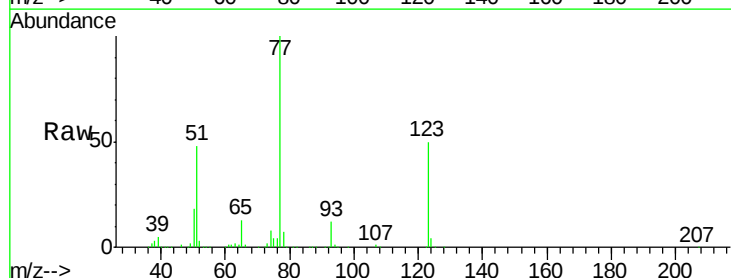
Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0991MSD

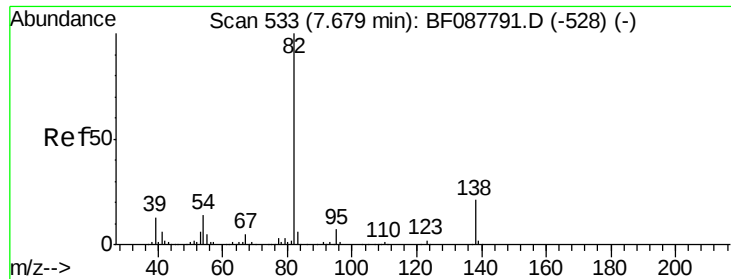
Tot Ion	82	Resp	890065
Ion Ratio	100	Lower	Upper
128	55.3	35.9	53.9#
54	43.1	40.9	61.3



#24
 Nitrobenzene
 Concen: 40.56 ng
 RT: 7.39 min Scan# 508
 Delta R.T. -0.03 min
 Lab File: BF087917.D
 Acq: 11 Jun 2016 22:30

Tgt Ion	77	Resp	431544
Ion Ratio	100	Lower	Upper
123	50.0	45.0	67.4
65	13.5	10.2	15.2





#25

Isophorone

Concen: 41.81 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.05 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0991MSD

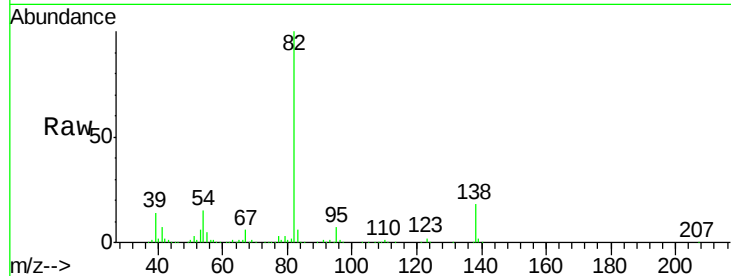
Tot Ion: 82 Resp: 850682

Ion Ratio Lower Upper

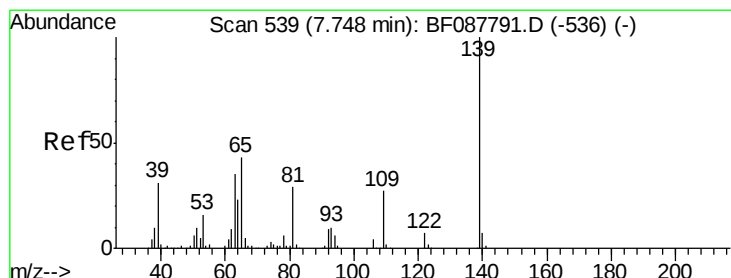
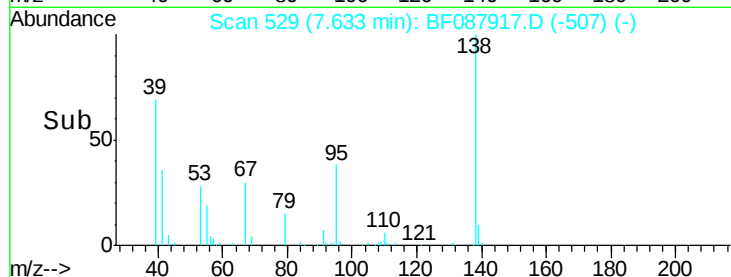
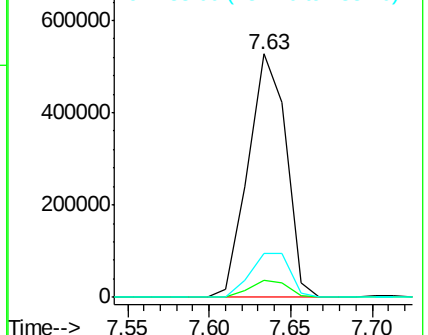
82 100

95 6.9 5.4 8.2

138 18.2 14.6 21.8



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 46.05 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.03 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

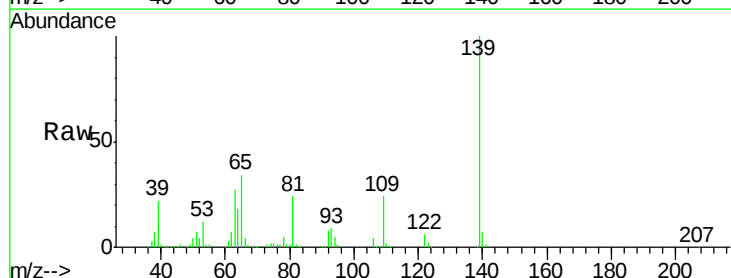
Tgt Ion: 139 Resp: 262481

Ion Ratio Lower Upper

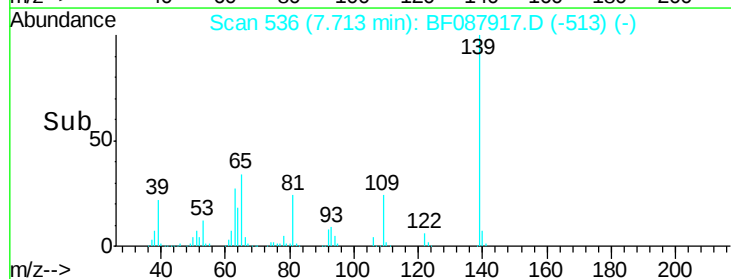
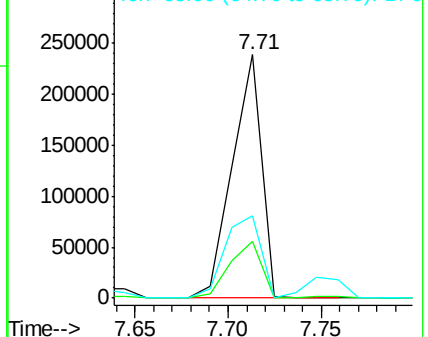
139 100

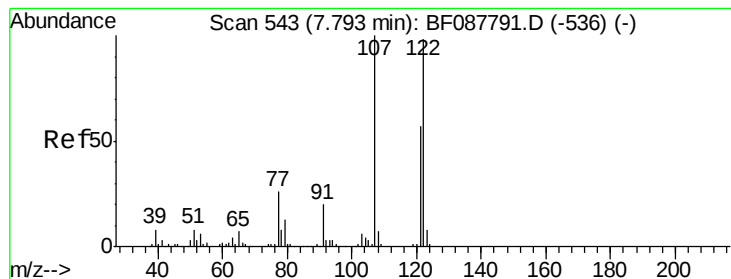
109 23.5 23.0 34.4

65 34.0 45.8 68.8#



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





#27

2,4-Dimethylphenol

Concen: 36.18 ng

RT: 7.76 min Scan# 540

Delta R.T. -0.03 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0991MSD

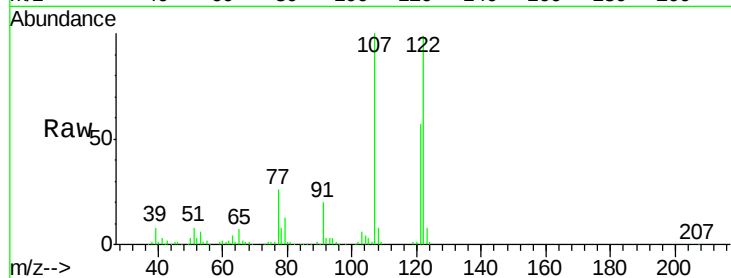
Tot Ion:122 Resp: 379716

Ion Ratio Lower Upper

122 100

107 101.3 82.4 123.6

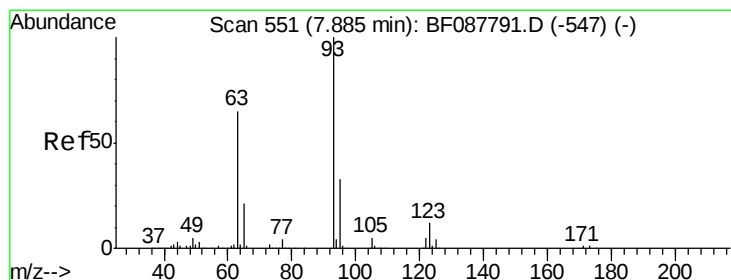
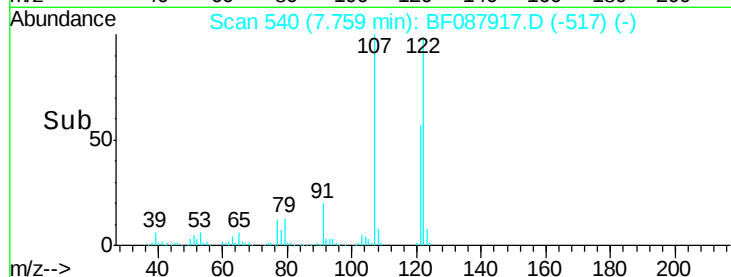
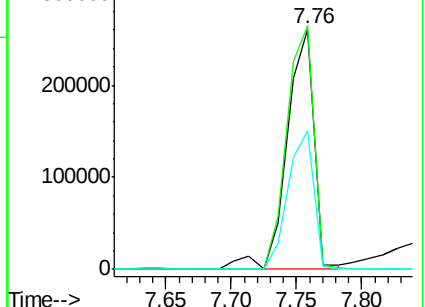
121 57.6 46.3 69.5



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: 41.97 ng

RT: 7.85 min Scan# 548

Delta R.T. -0.03 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

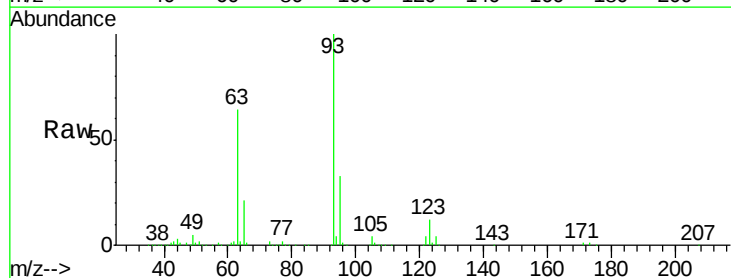
Tgt Ion: 93 Resp: 529678

Ion Ratio Lower Upper

93 100

95 33.0 26.5 39.7

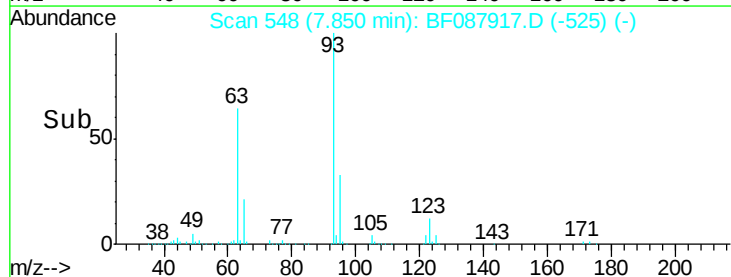
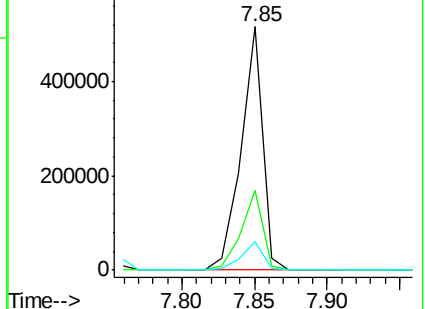
123 11.7 11.6 17.4

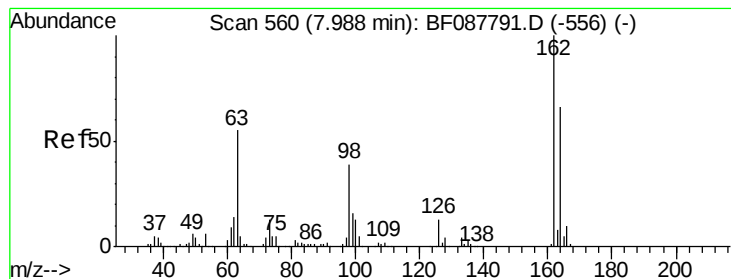


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.35 ng

RT: 7.95 min Scan# 557

Delta R.T. -0.03 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0991MSD

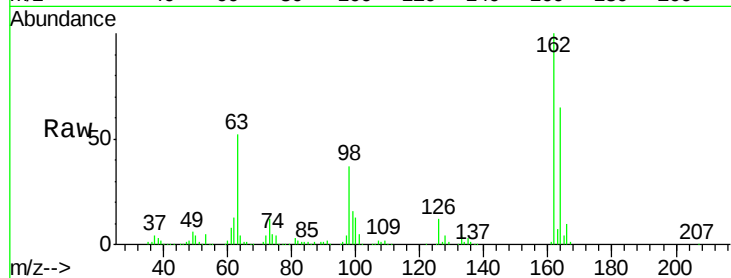
Tot Ion:162 Resp: 353534

Ion Ratio Lower Upper

162 100

164 64.5 43.8 83.8

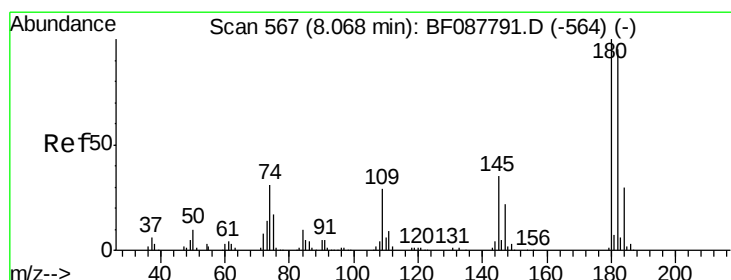
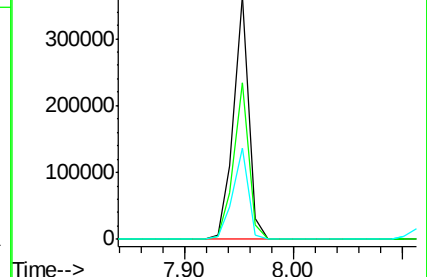
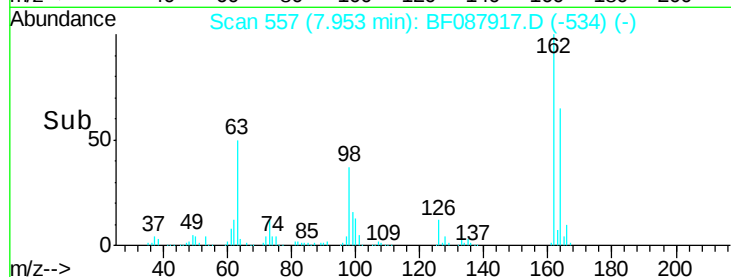
98 37.5 21.3 61.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 36.71 ng

RT: 8.03 min Scan# 564

Delta R.T. -0.03 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

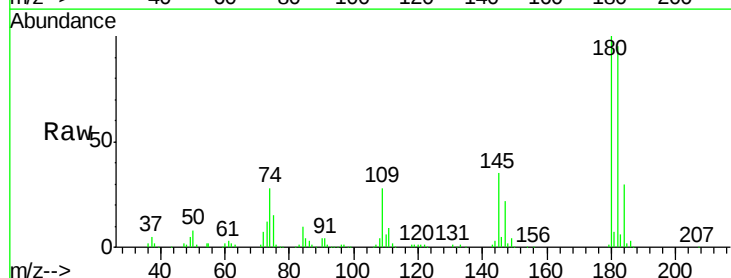
Tgt Ion:180 Resp: 350222

Ion Ratio Lower Upper

180 100

182 95.0 76.0 114.0

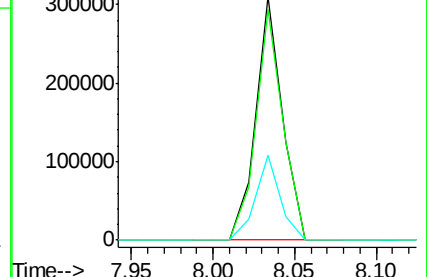
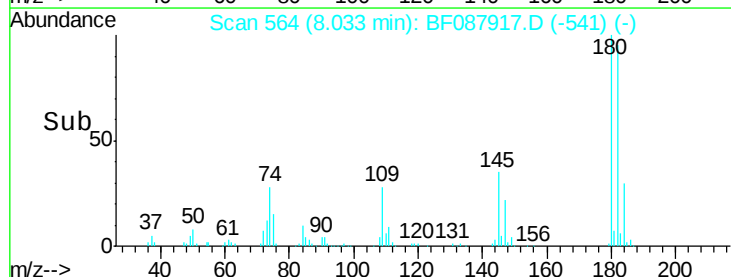
145 34.6 26.5 39.7

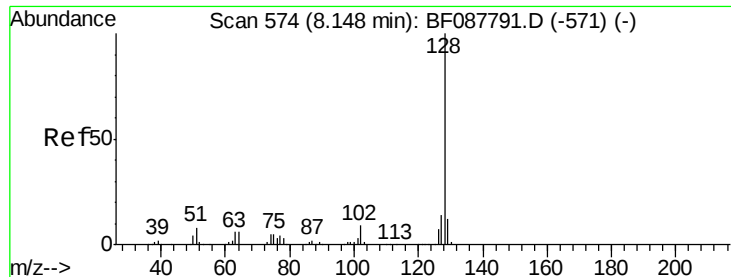


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

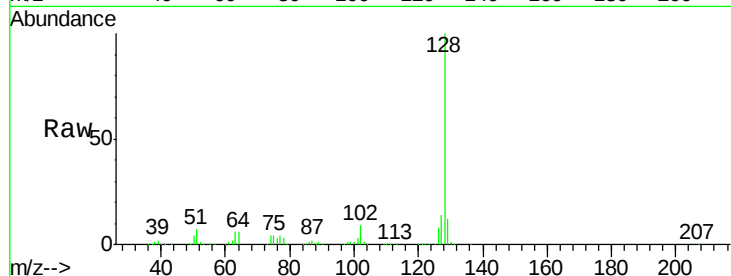




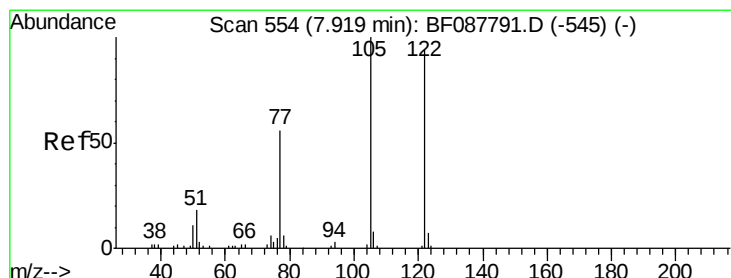
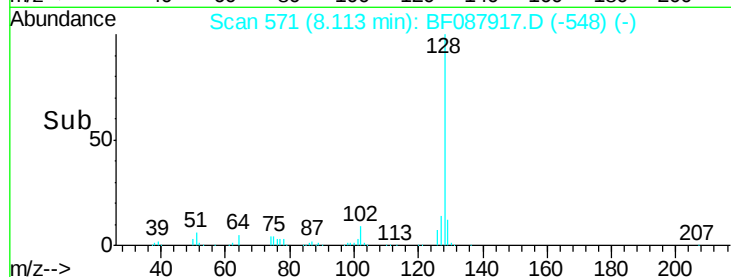
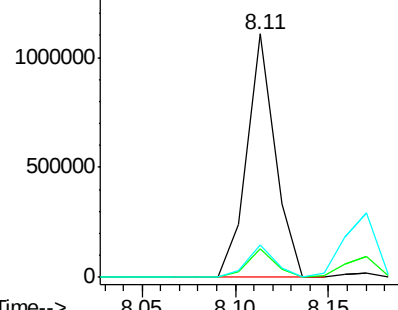
#31
Naphthalene
Concen: 36.50 ng
RT: 8.11 min Scan# 571
Delta R.T. -0.03 min
Lab File: BF087917.D
Acq: 11 Jun 2016 22:30

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

Tot Ion:128 Resp: 1158533
Ion Ratio Lower Upper
128 100
129 11.8 9.4 14.2
127 13.6 10.9 16.3

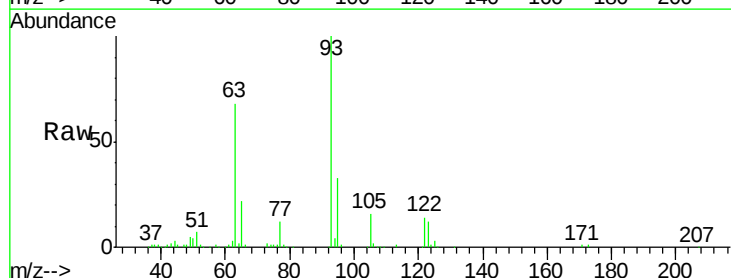


Abundance Ion 128.00 (127.70 to 128.70): E
1500000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

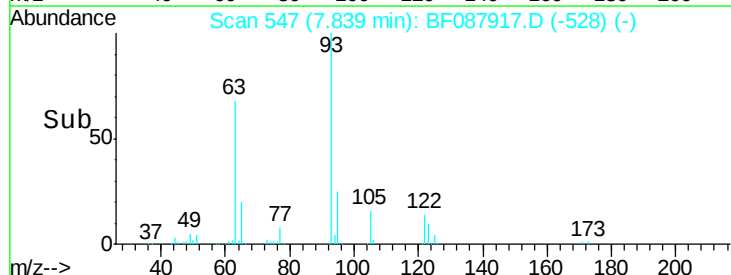
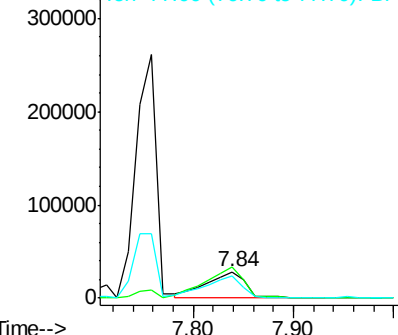


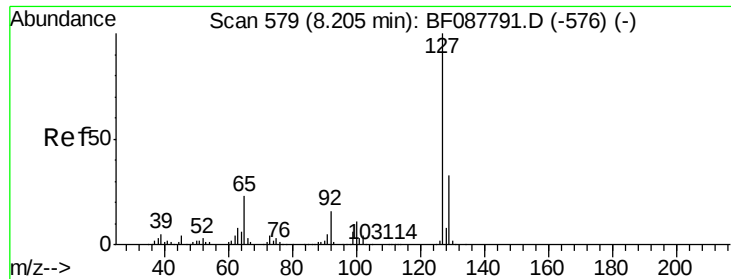
#32
Benzoic acid
Concen: 13.07 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.08 min
Lab File: BF087917.D
Acq: 11 Jun 2016 22:30

Tgt Ion:122 Resp: 75501
Ion Ratio Lower Upper
122 100
105 117.5 101.6 141.6
77 85.2 70.6 110.6



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

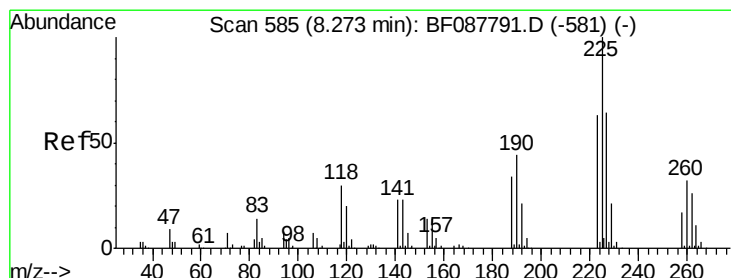
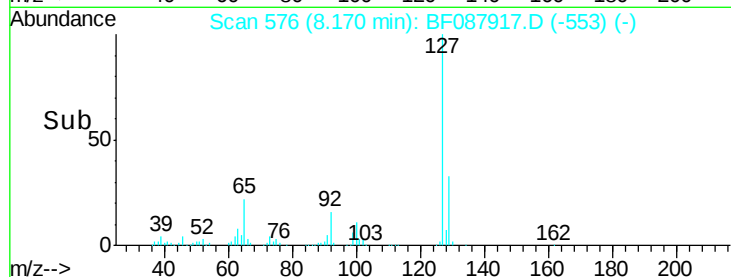
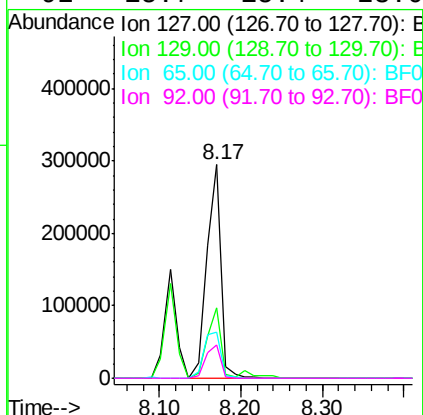
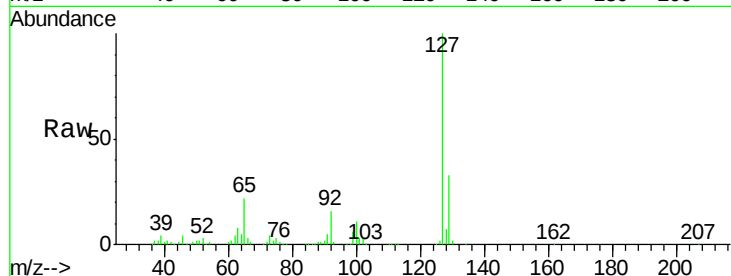




#33
4-Chloroaniline
Concen: 25.49 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.03 min
Lab File: BF087917.D
Acq: 11 Jun 2016 22:30

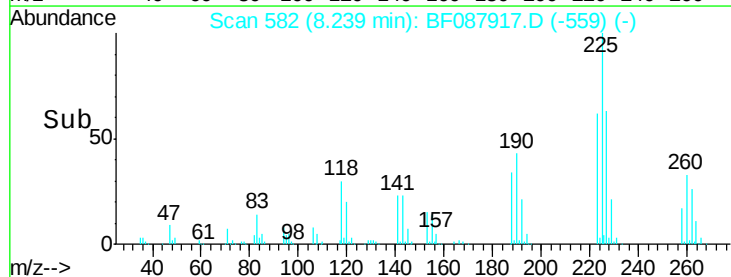
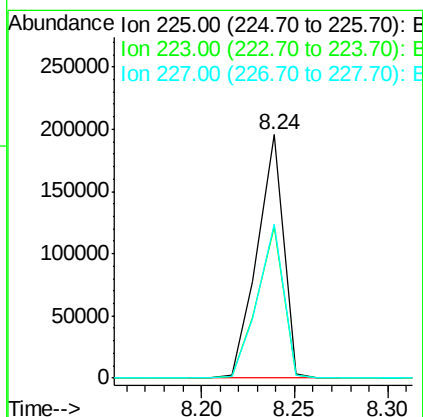
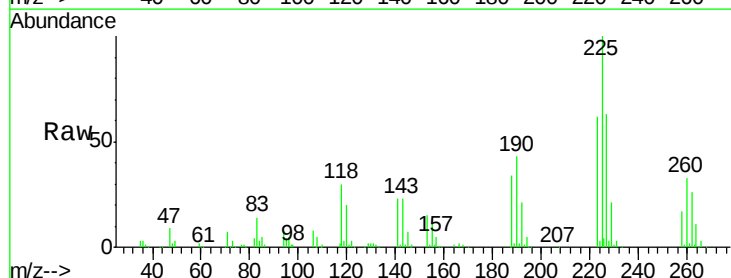
Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

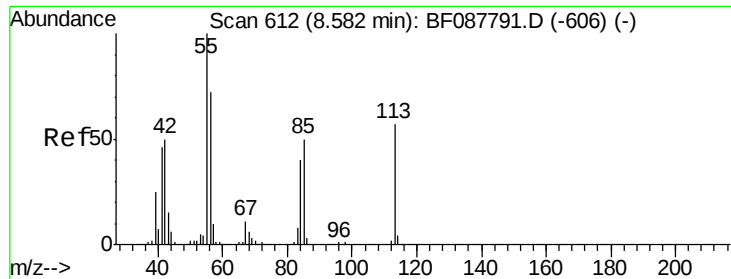
Tot Ion:127	Resp:	361359
Ion Ratio	Lower	Upper
127	100	
129	32.8	26.3 39.5
65	21.7	24.7 37.1#
92	15.7	15.4 23.0



#34
Hexachlorobutadiene
Concen: 38.07 ng
RT: 8.24 min Scan# 582
Delta R.T. -0.03 min
Lab File: BF087917.D
Acq: 11 Jun 2016 22:30

Tgt Ion:225	Resp:	191585
Ion Ratio	Lower	Upper
225	100	
223	62.3	50.9 76.3
227	63.3	51.9 77.9

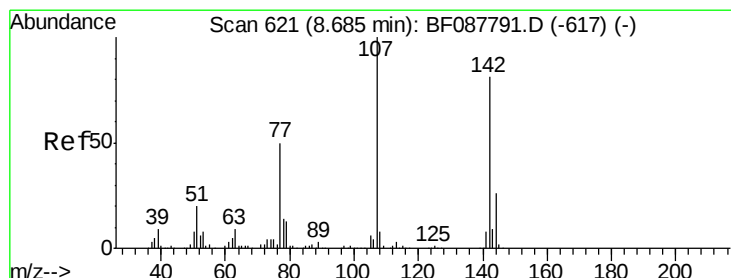
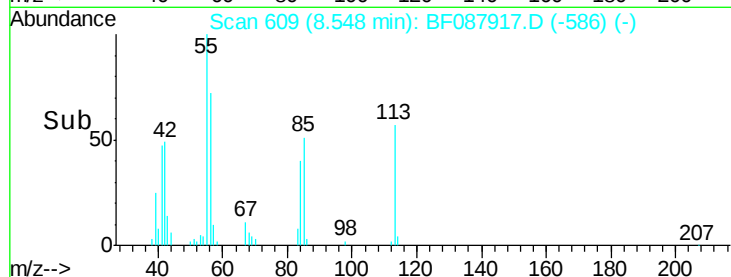
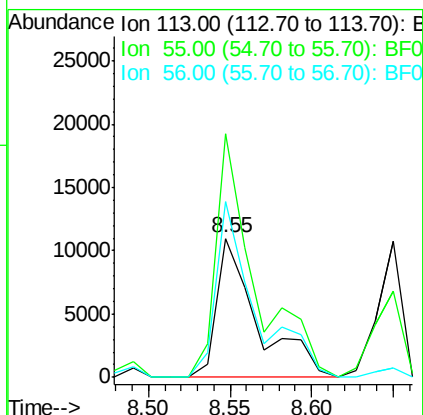
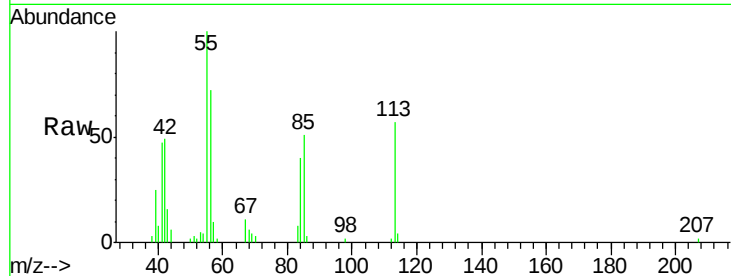




#35
 Caprolactam
 Concen: 6.60 ng
 RT: 8.55 min Scan# 609
 Delta R.T. -0.03 min
 Lab File: BF087917.D
 Acq: 11 Jun 2016 22:30

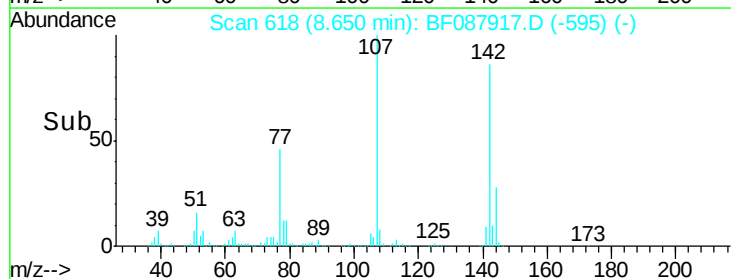
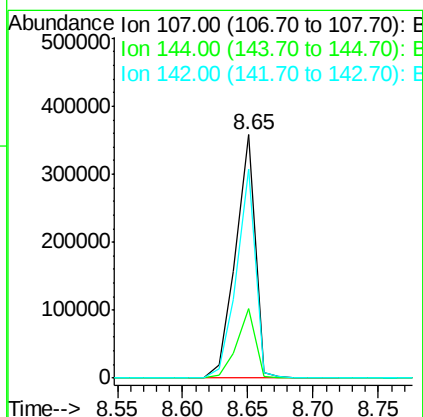
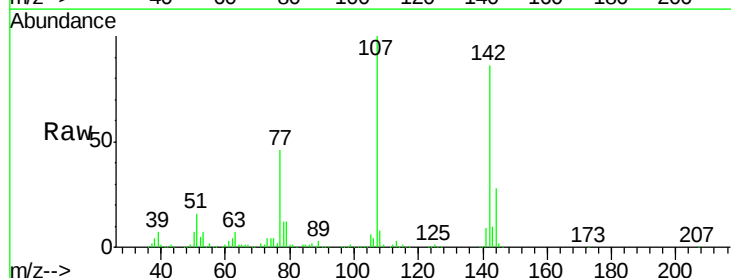
Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0991MSD

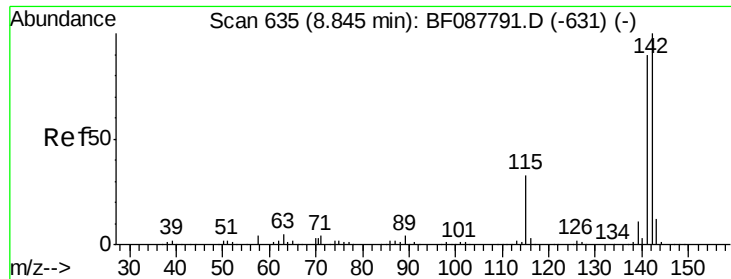
Tot Ion:113 Resp: 19158
 Ion Ratio Lower Upper
 113 100
 55 175.5 158.6 198.6
 56 126.4 110.6 150.6



#36
 4-Chloro-3-methylphenol
 Concen: 39.92 ng
 RT: 8.65 min Scan# 618
 Delta R.T. -0.03 min
 Lab File: BF087917.D
 Acq: 11 Jun 2016 22:30

Tgt Ion:107 Resp: 374074
 Ion Ratio Lower Upper
 107 100
 144 28.4 20.8 31.2
 142 85.7 63.4 95.2

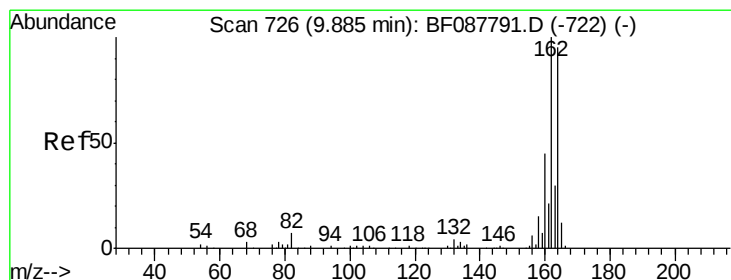
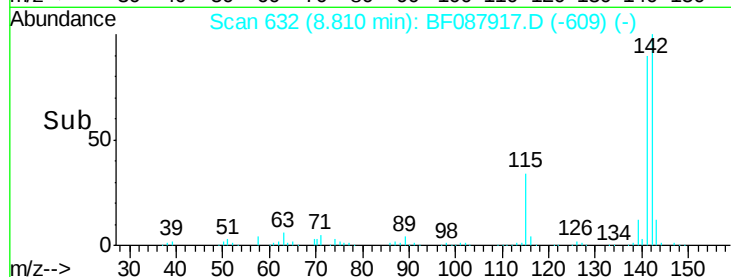
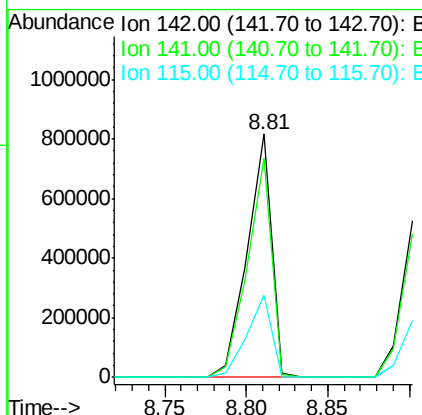
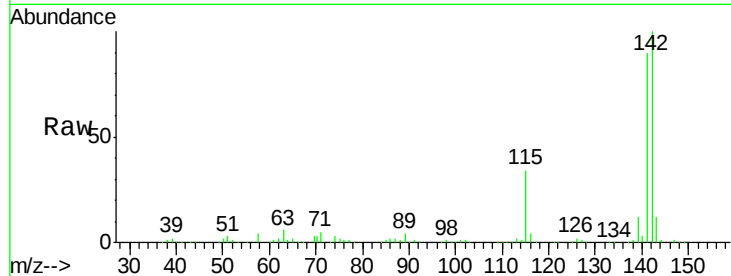




#37
2-Methylnaphthalene
Concen: 40.60 ng
RT: 8.81 min Scan# 632
Delta R.T. -0.03 min
Lab File: BF087917.D
Acq: 11 Jun 2016 22:30

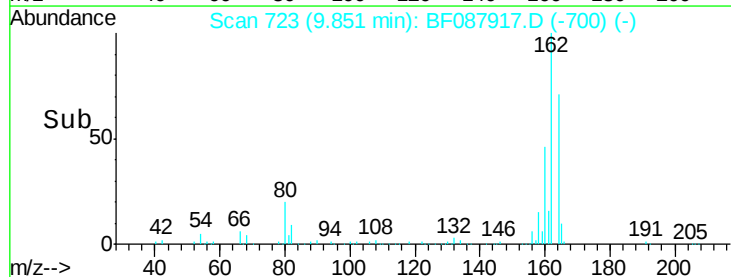
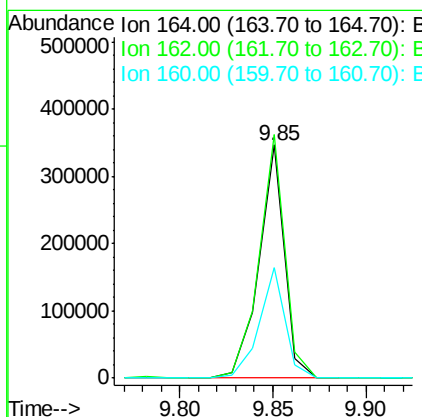
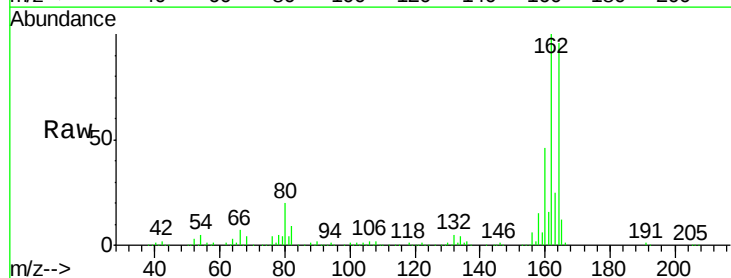
Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

Tot Ion:142 Resp: 849363
Ion Ratio Lower Upper
142 100
141 89.8 71.0 106.6
115 33.8 22.6 33.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF087917.D
Acq: 11 Jun 2016 22:30

Tgt Ion:164 Resp: 331563
Ion Ratio Lower Upper
164 100
162 104.4 85.4 128.2
160 47.7 39.5 59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.44 ng

RT: 8.98 min Scan# 647

Delta R.T. -0.02 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0991MSD

Tot Ion:216 Resp: 335081

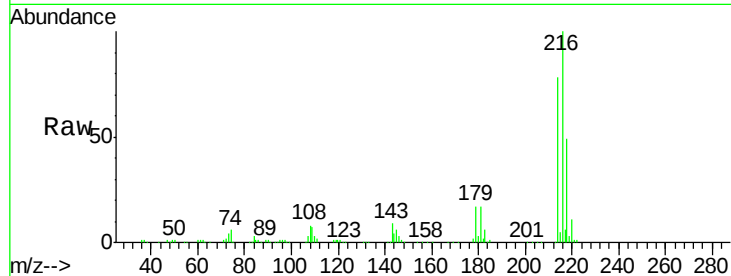
Ion Ratio Lower Upper

216 100

214 79.5 2.9 4.3#

179 21.4 0.0 0.0#

108 20.2 0.5 0.7#

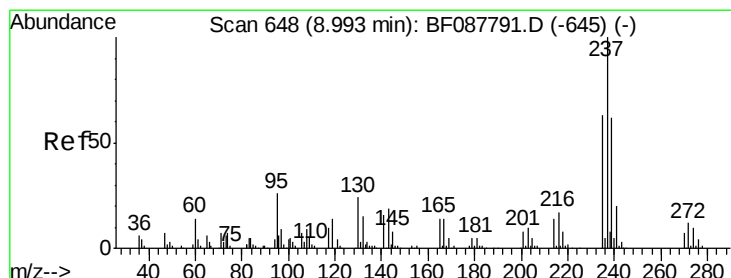
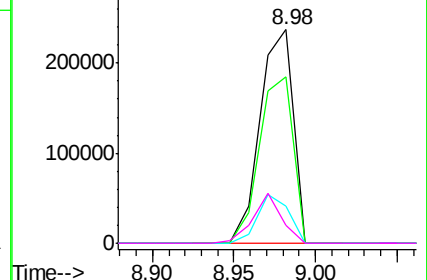
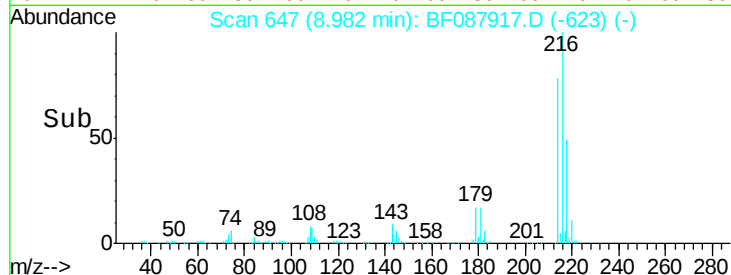


Abundance Ion 216.00 (215.70 to 216.70): E

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: 60.32 ng

RT: 8.96 min Scan# 645

Delta R.T. -0.03 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

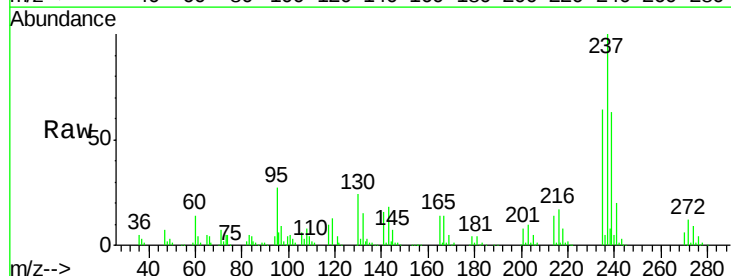
Tgt Ion:237 Resp: 322622

Ion Ratio Lower Upper

237 100

235 63.9 43.4 83.4

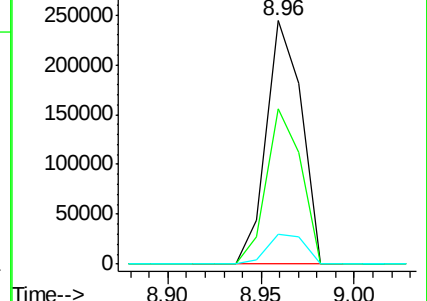
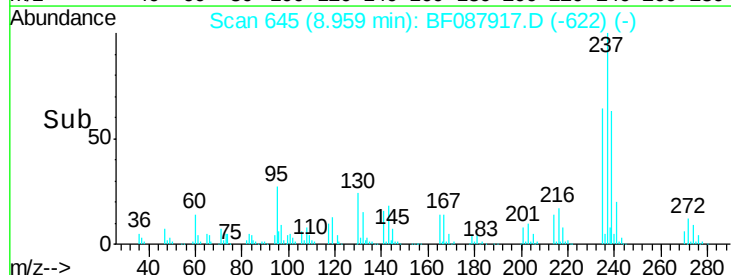
272 12.0 0.0 32.3

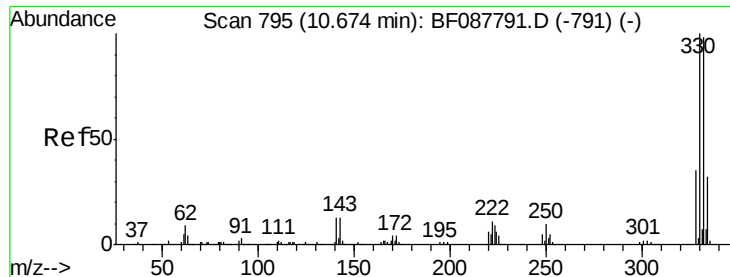


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

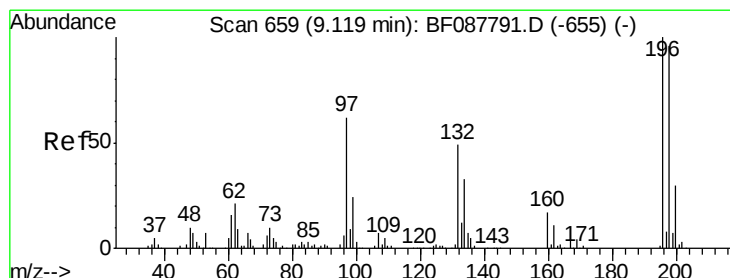
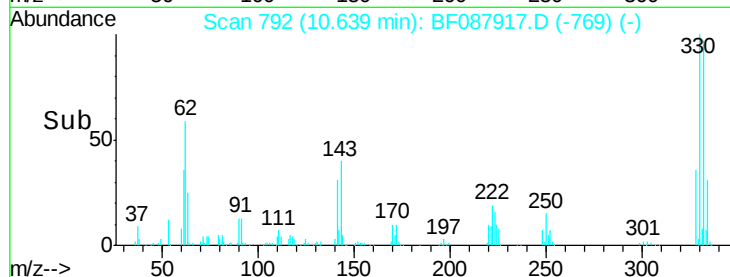
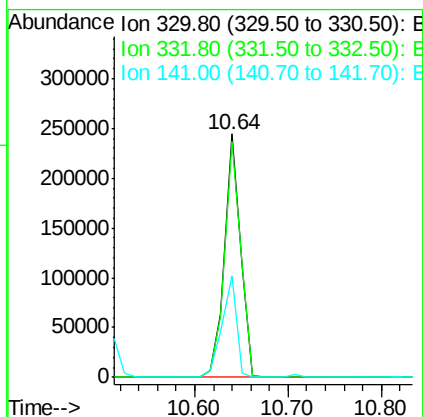
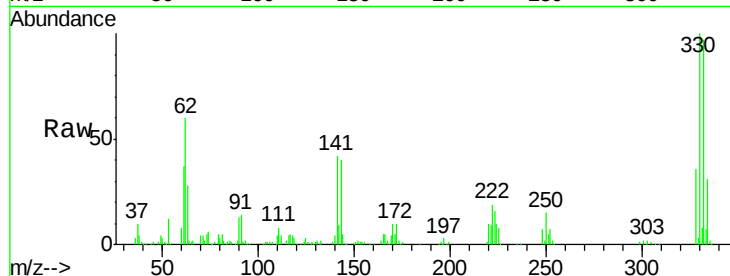




#41
 2,4,6-Tribromophenol
 Concen: 84.69 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.03 min
 Lab File: BF087917.D
 Acq: 11 Jun 2016 22:30

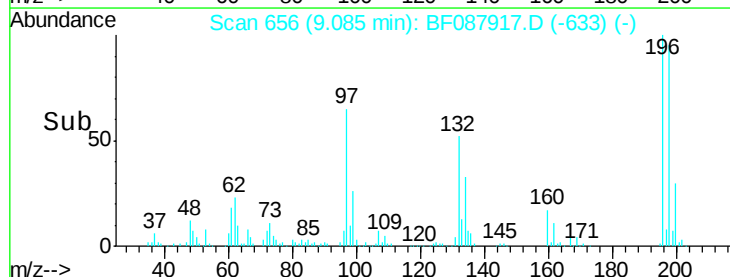
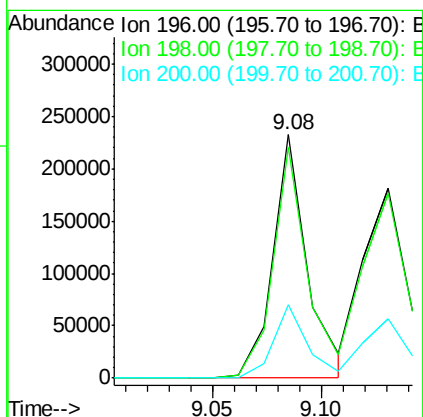
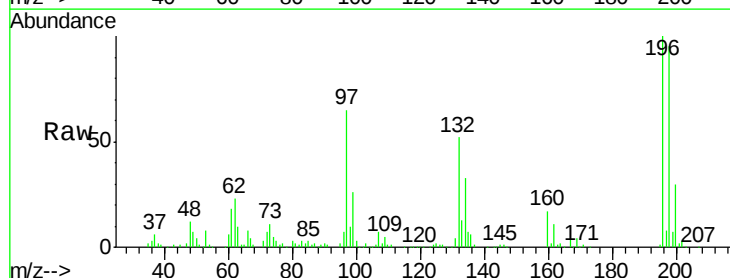
Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0991MSD

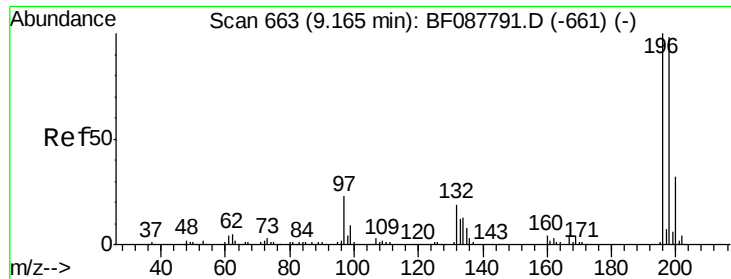
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	0.0	0.0#
141	36.8	0.0	0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 38.85 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.03 min
 Lab File: BF087917.D
 Acq: 11 Jun 2016 22:30

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.6	78.0	117.0
200	30.0	25.4	38.2

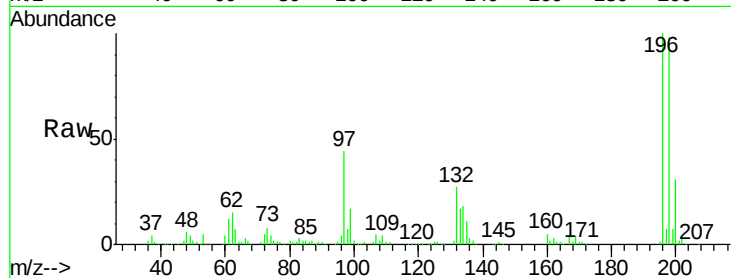




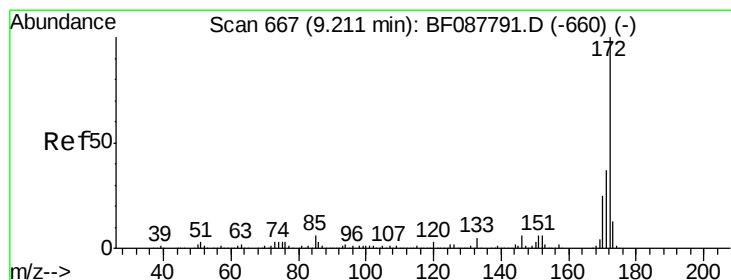
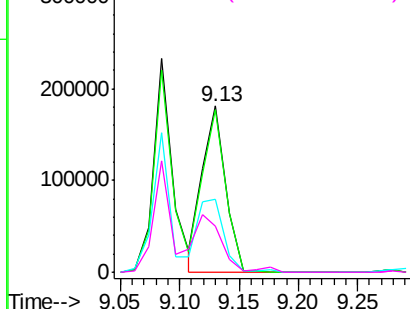
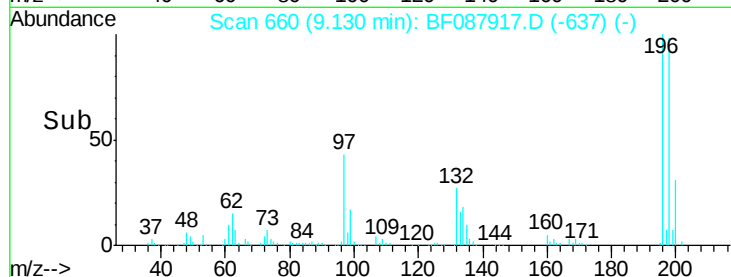
#43
2,4,5-Trichlorophenol
Concen: 36.12 ng
RT: 9.13 min Scan# 660
Delta R.T. -0.03 min
Lab File: BF087917.D
Acq: 11 Jun 2016 22:30

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

Tot Ion:196 Resp: 249188
Ion Ratio Lower Upper
196 100
198 97.5 77.5 116.3
97 43.6 32.0 48.0
132 27.4 20.9 31.3

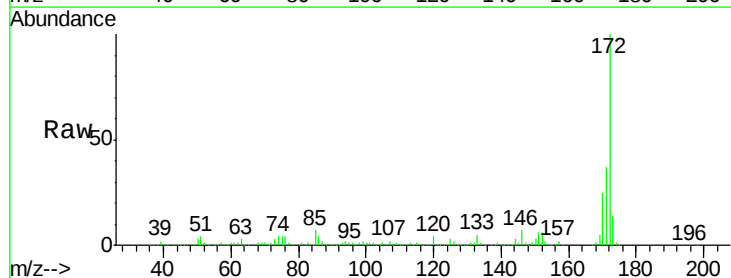


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

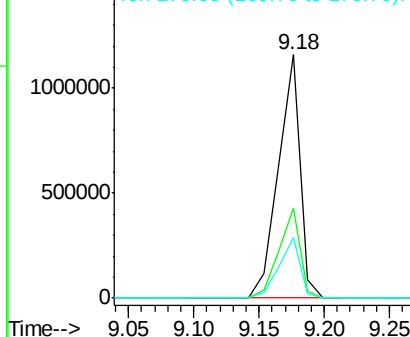
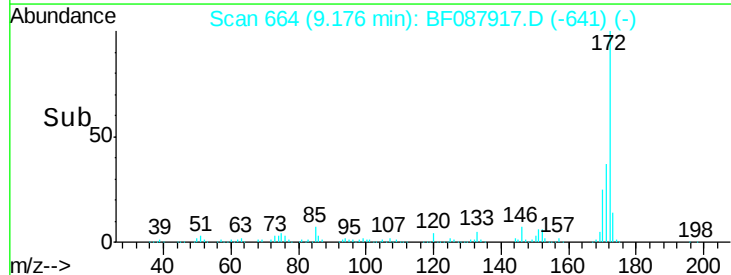


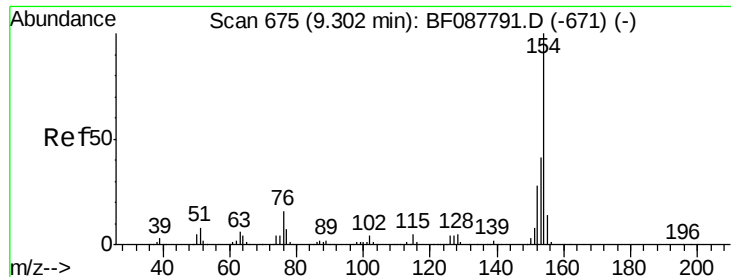
#44
2-Fluorobiphenyl
Concen: 62.85 ng
RT: 9.18 min Scan# 664
Delta R.T. -0.03 min
Lab File: BF087917.D
Acq: 11 Jun 2016 22:30

Tgt Ion:172 Resp: 1357028
Ion Ratio Lower Upper
172 100
171 37.2 28.6 43.0
170 24.9 19.2 28.8



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: 42.04 ng

RT: 9.28 min Scan# 673

Delta R.T. -0.02 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0991MSD

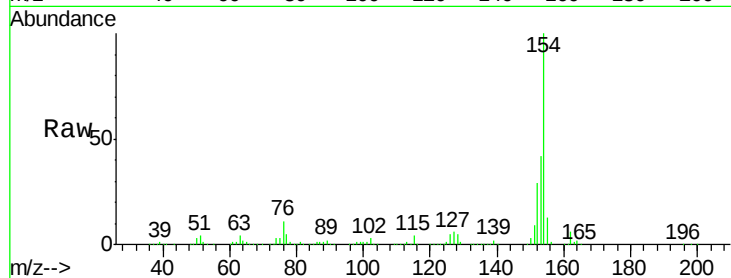
Tot Ion:154 Resp: 1056508

Ion Ratio Lower Upper

154 100

153 41.6 20.6 60.6

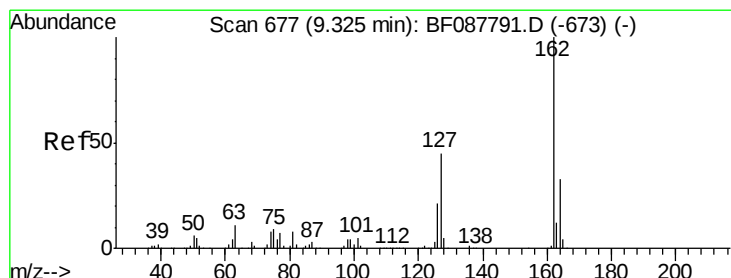
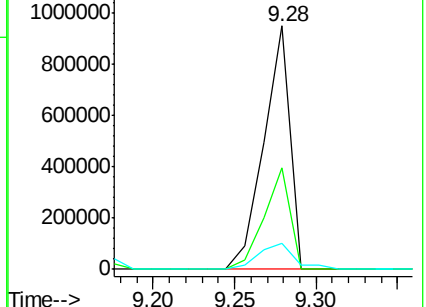
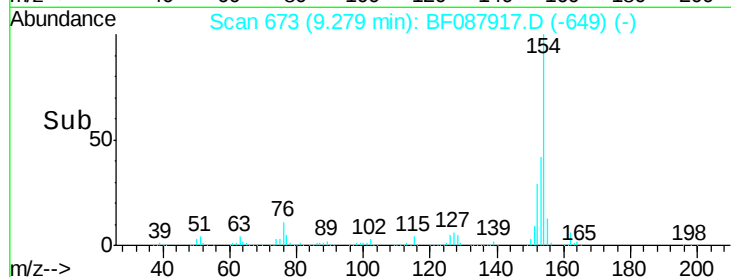
76 10.5 0.0 35.1



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: 39.28 ng

RT: 9.30 min Scan# 675

Delta R.T. -0.02 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

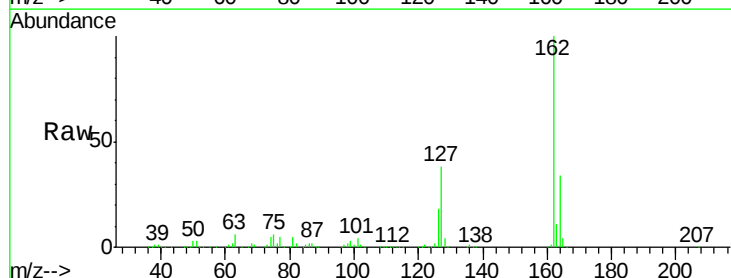
Tgt Ion:162 Resp: 842808

Ion Ratio Lower Upper

162 100

127 38.4 35.2 52.8

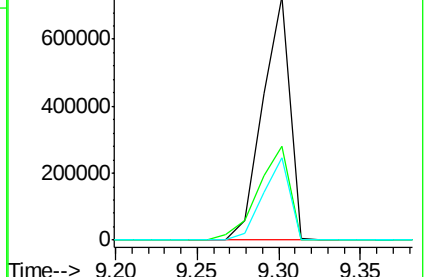
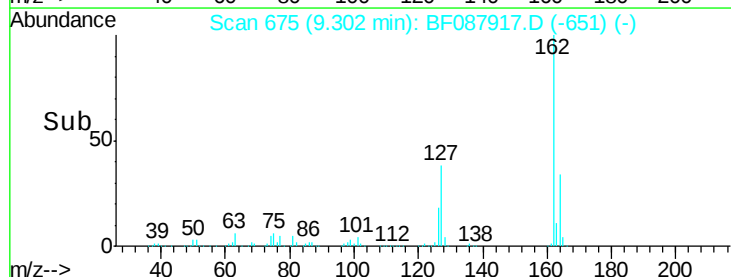
164 34.0 26.6 39.8

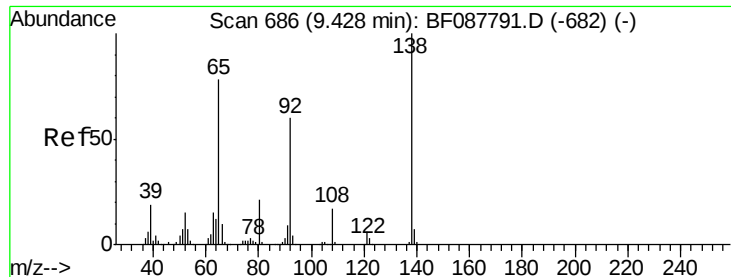


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

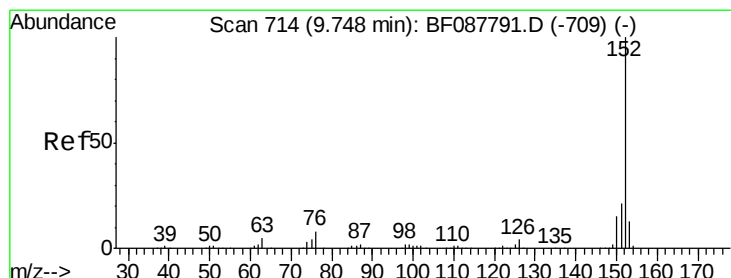
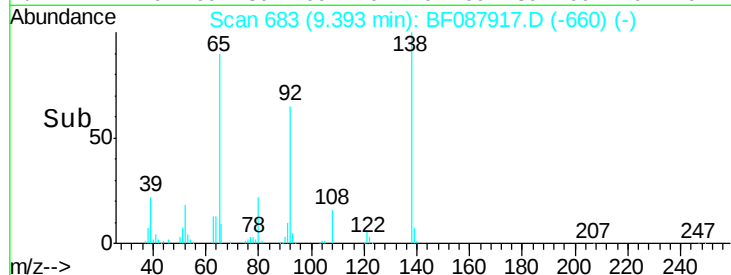
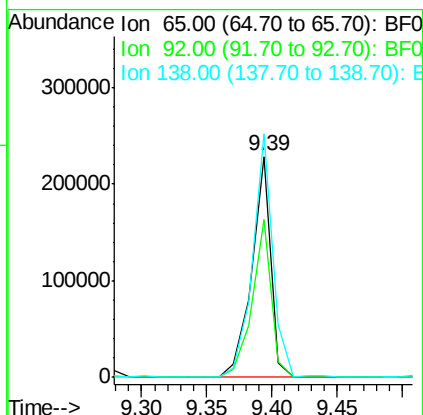
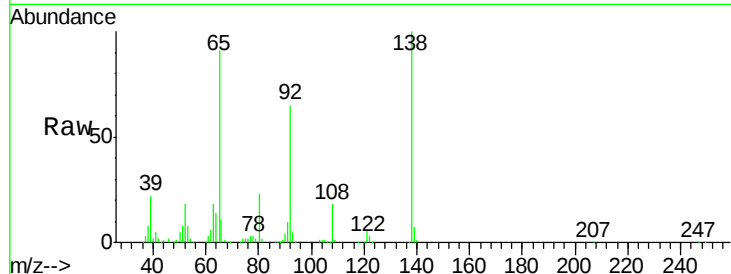




#47
 2-Nitroaniline
 Concen: 36.68 ng
 RT: 9.39 min Scan# 683
 Delta R.T. -0.03 min
 Lab File: BF087917.D
 Acq: 11 Jun 2016 22:30

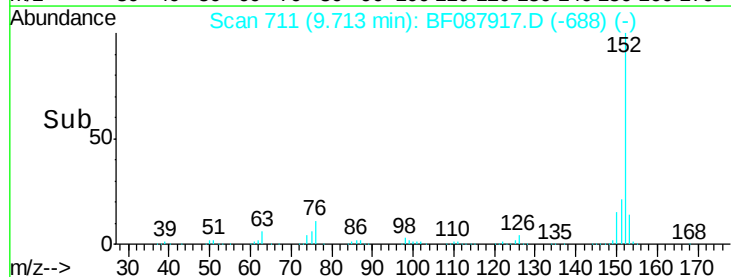
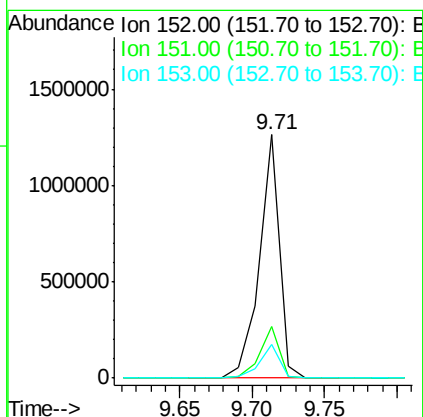
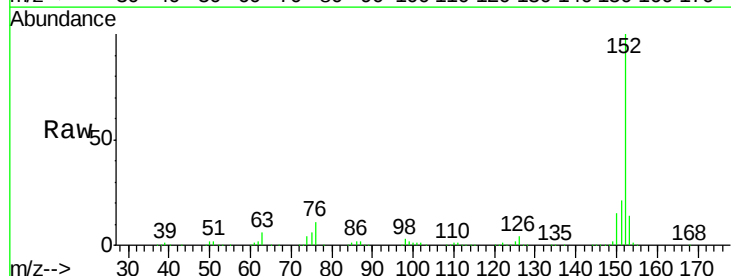
Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0991MSD

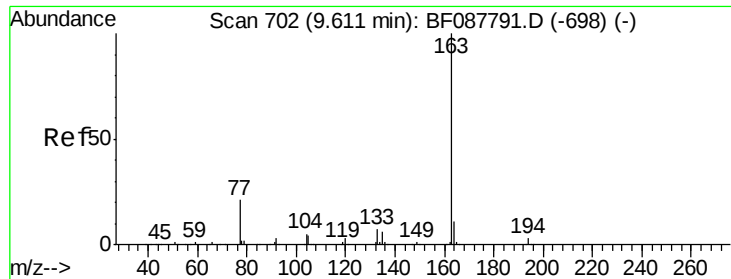
Tot Ion:	65	Resp:	232147
Ion	Ratio	Lower	Upper
65	100		
92	71.8	54.6	82.0
138	110.3	77.0	115.4



#48
 Acenaphthylene
 Concen: 35.34 ng
 RT: 9.71 min Scan# 711
 Delta R.T. -0.03 min
 Lab File: BF087917.D
 Acq: 11 Jun 2016 22:30

Tgt Ion:	152	Resp:	1206000
Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.2	24.4
153	13.9	11.0	16.6

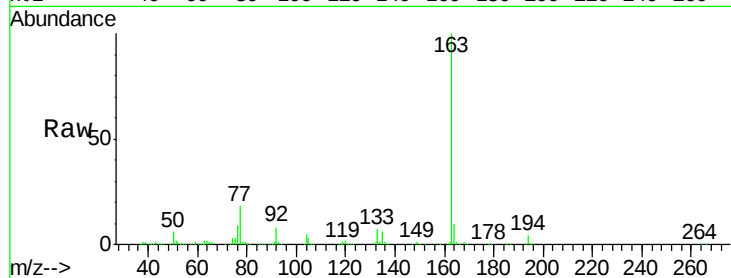




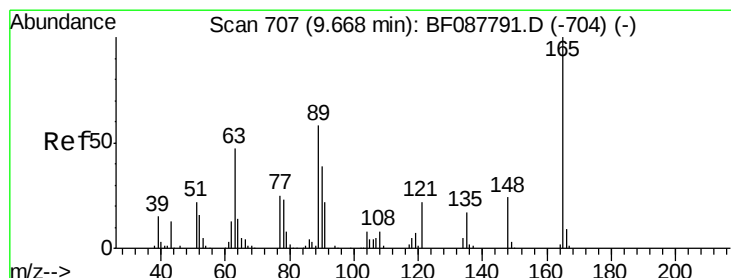
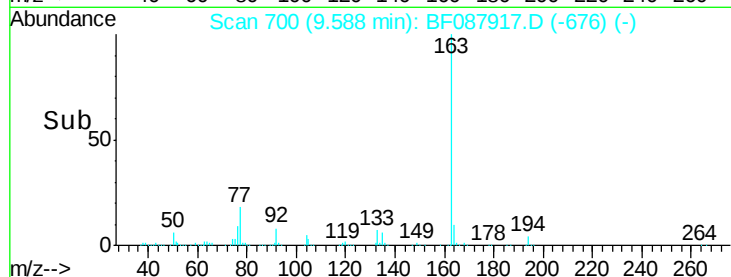
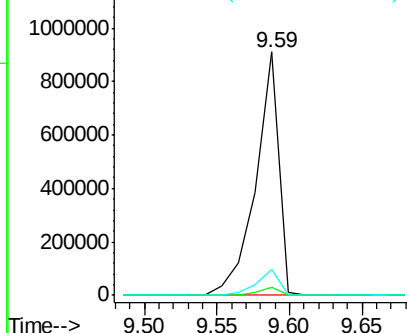
#49
Dimethylphthalate
Concen: 41.81 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.02 min
Lab File: BF087917.D
Acq: 11 Jun 2016 22:30

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

Tot Ion:163 Resp: 1004130
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 10.4 8.3 12.5

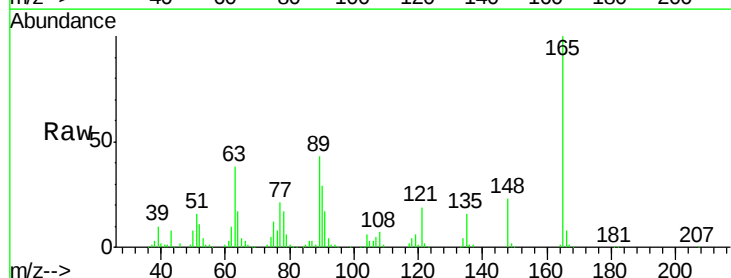


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

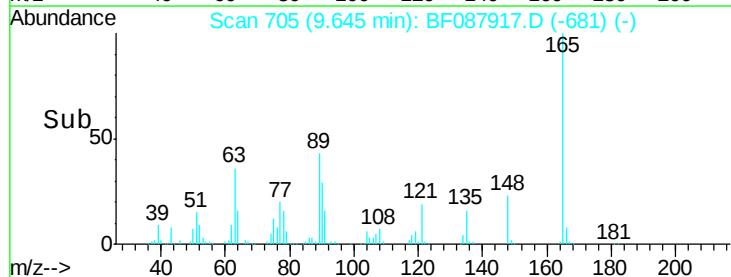
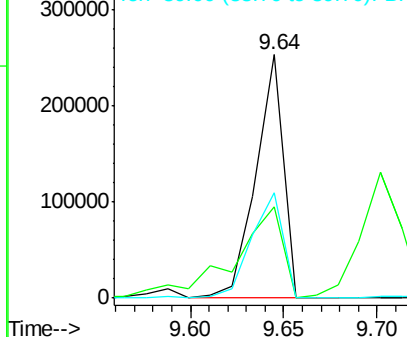


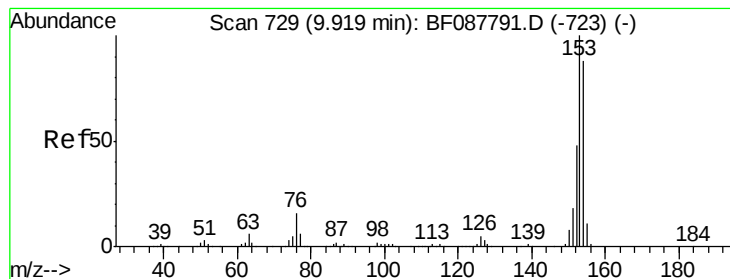
#50
2,6-Dinitrotoluene
Concen: 46.74 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.02 min
Lab File: BF087917.D
Acq: 11 Jun 2016 22:30

Tgt Ion:165 Resp: 257082
Ion Ratio Lower Upper
165 100
63 37.6 28.1 42.1
89 43.3 32.2 48.2



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.05 ng

RT: 9.88 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0991MSD

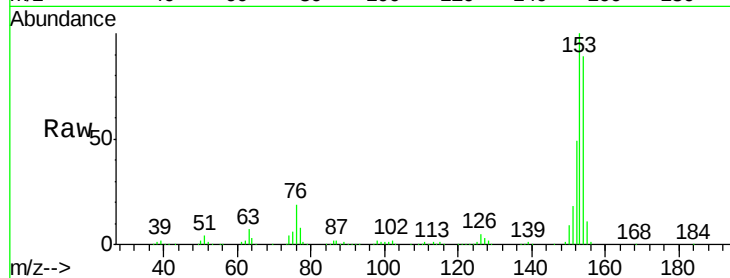
Tot Ion:154 Resp: 852680

Ion Ratio Lower Upper

154 100

153 112.2 89.5 134.3

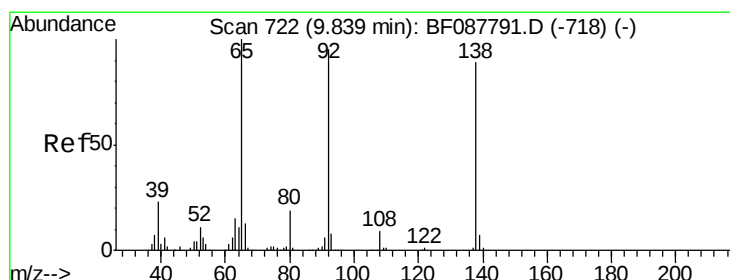
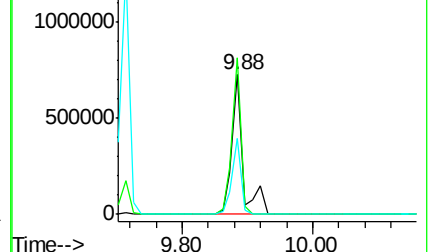
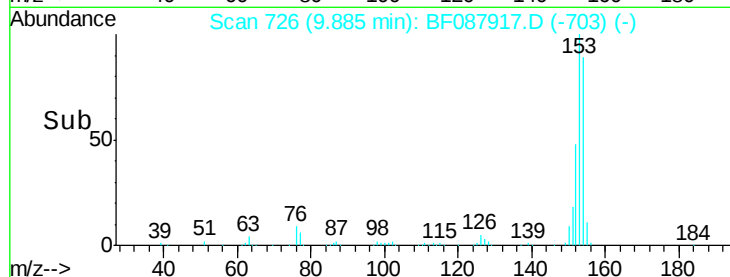
152 54.8 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 24.86 ng

RT: 9.80 min Scan# 719

Delta R.T. -0.03 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

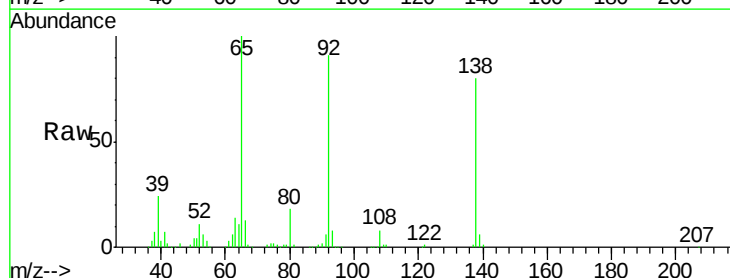
Tgt Ion:138 Resp: 157799

Ion Ratio Lower Upper

138 100

108 9.9 8.5 12.7

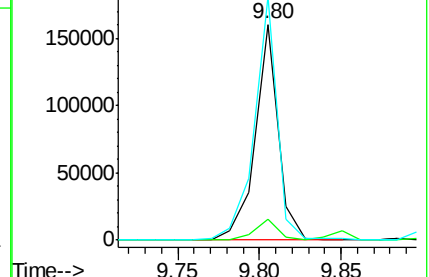
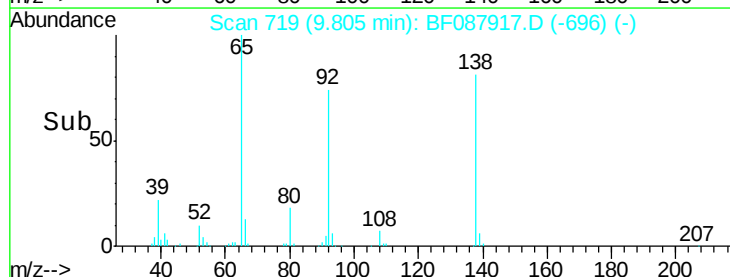
92 112.8 95.7 143.5

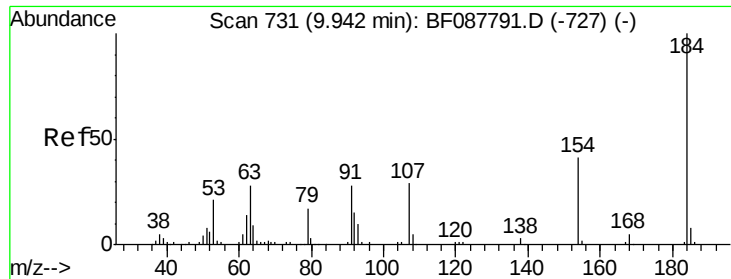


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

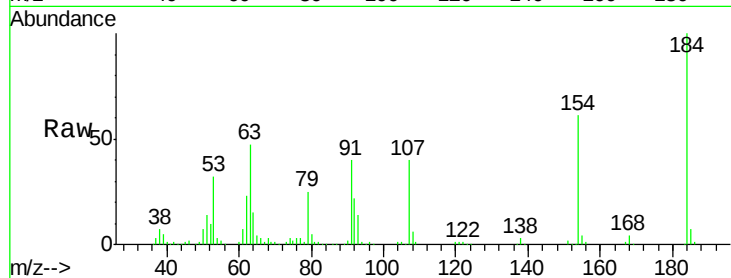




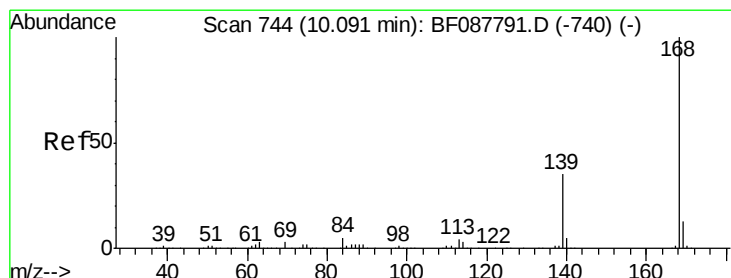
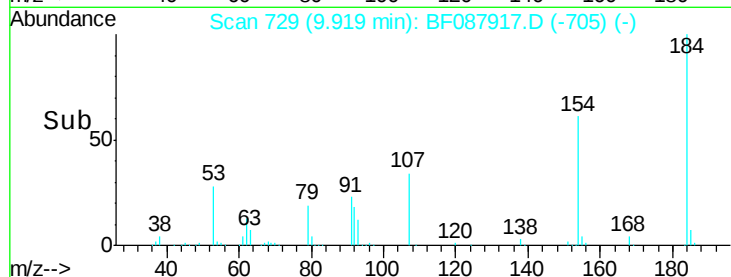
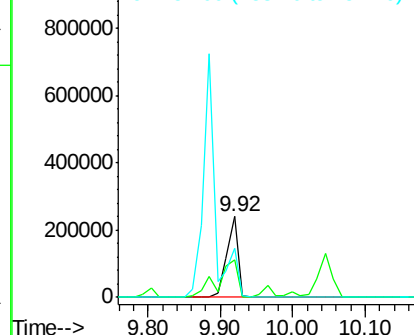
#53
2,4-Dinitrophenol
Concen: 86.02 ng
RT: 9.92 min Scan# 729
Delta R.T. -0.02 min
Lab File: BF087917.D
Acq: 11 Jun 2016 22:30

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

Tot Ion:184 Resp: 264388
Ion Ratio Lower Upper
184 100
63 46.5 57.6 86.4#
154 61.0 53.5 80.3

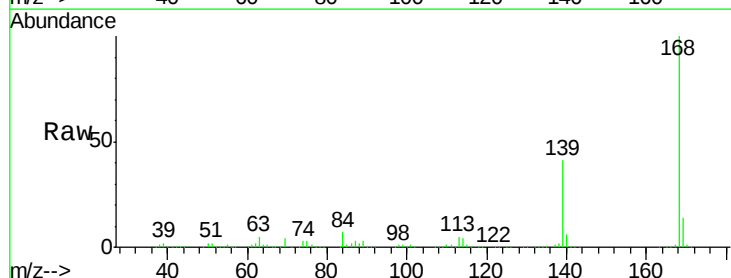


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

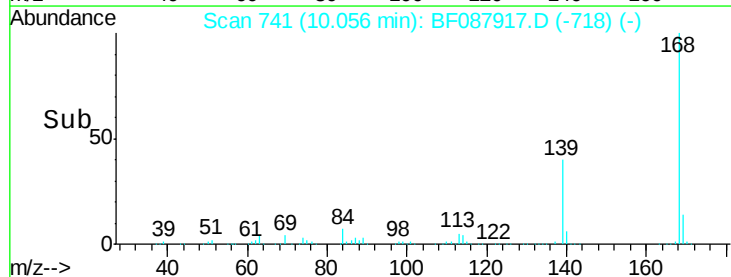
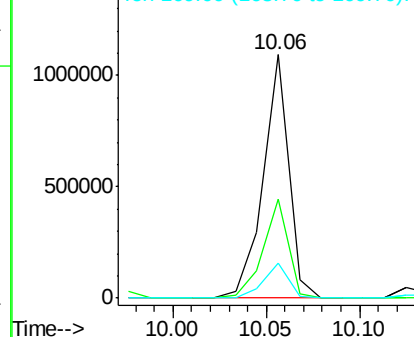


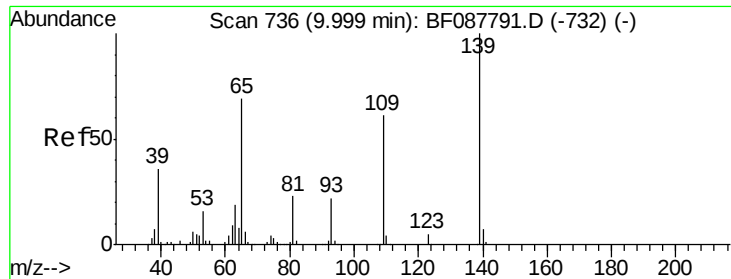
#54
Dibenzofuran
Concen: 35.07 ng
RT: 10.06 min Scan# 741
Delta R.T. -0.03 min
Lab File: BF087917.D
Acq: 11 Jun 2016 22:30

Tgt Ion:168 Resp: 1028200
Ion Ratio Lower Upper
168 100
139 40.6 26.4 39.6#
169 14.2 10.4 15.6



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

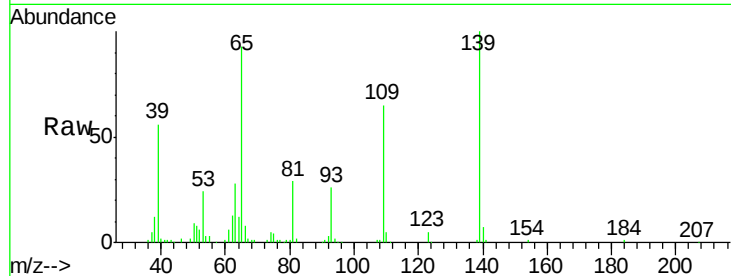




#55
4-Nitrophenol
Concen: 24.64 ng
RT: 9.96 min Scan# 733
Delta R.T. -0.03 min
Lab File: BF087917.D
Acq: 11 Jun 2016 22:30

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	64.8	48.9	88.9
65	92.9	84.9	124.9

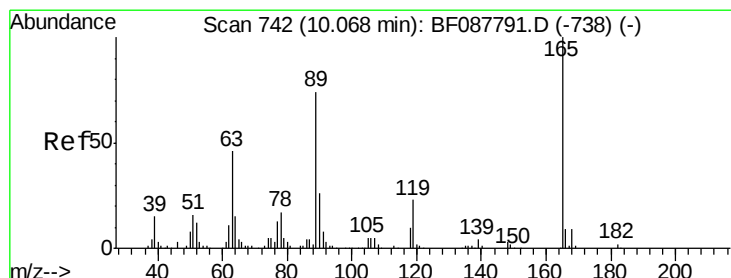
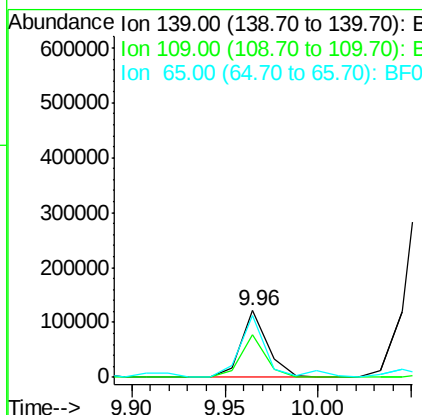
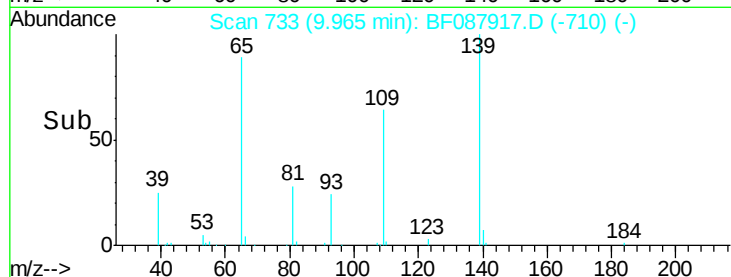


Abundance

Ion 139.00 (138.70 to 139.70): E

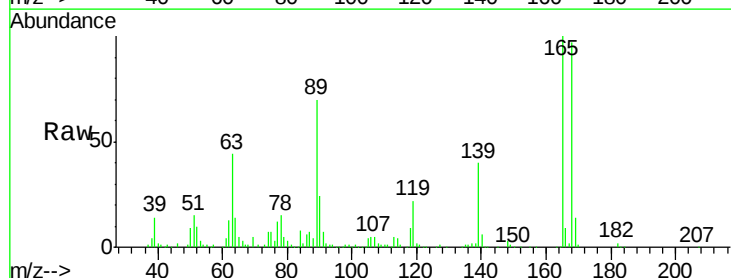
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E



#56
2,4-Dinitrotoluene
Concen: 41.52 ng
RT: 10.04 min Scan# 740
Delta R.T. -0.02 min
Lab File: BF087917.D
Acq: 11 Jun 2016 22:30

Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.6	22.0	33.0#
89	70.1	41.1	61.7#
182	2.4	2.0	3.0



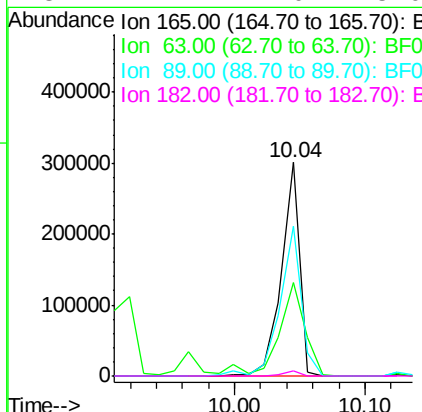
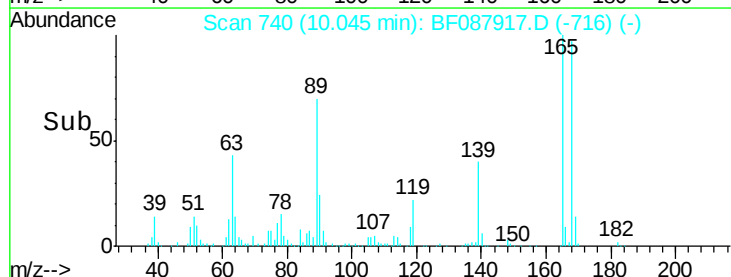
Abundance

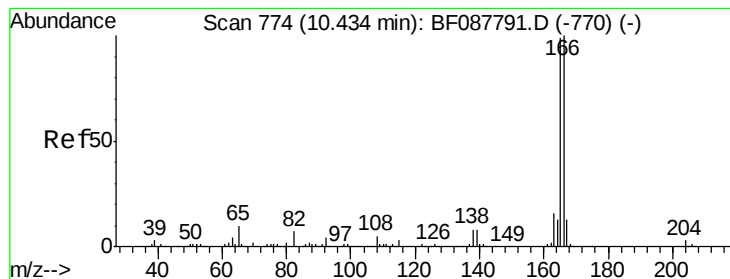
Ion 165.00 (164.70 to 165.70): E

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: 39.76 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.03 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0991MSD

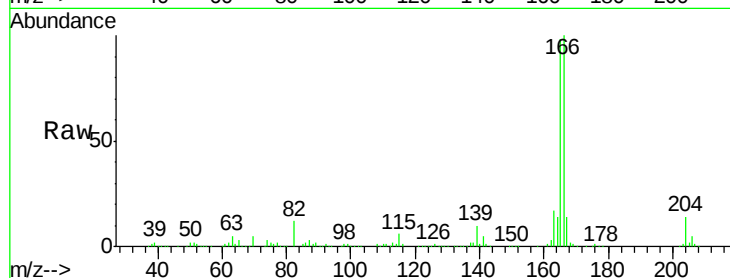
Tot Ion:166 Resp: 798926

Ion Ratio Lower Upper

166 100

165 98.1 77.8 116.8

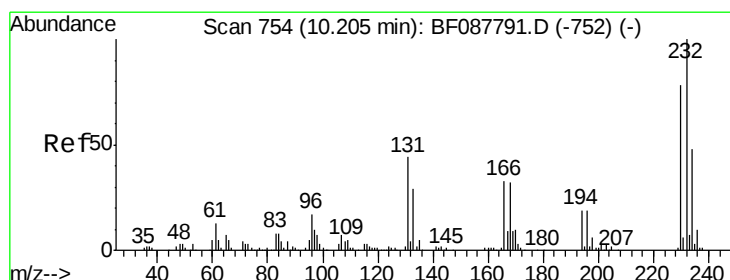
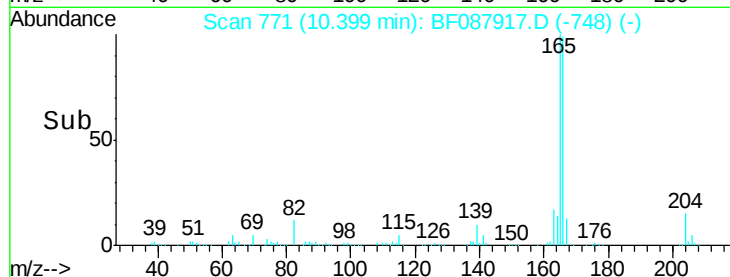
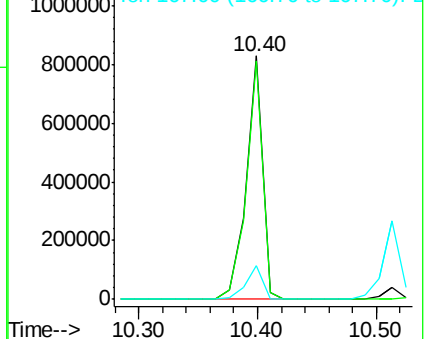
167 13.6 11.2 16.8



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: 36.50 ng

RT: 10.17 min Scan# 751

Delta R.T. -0.03 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

Tgt Ion:232 Resp: 197846

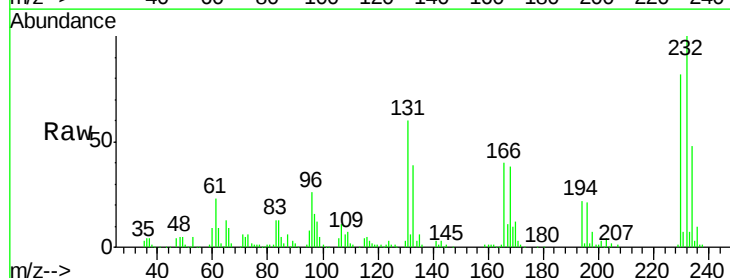
Ion Ratio Lower Upper

232 100

131 53.7 0.9 1.3#

130 2.6 1.5 2.3#

166 35.4 0.5 0.7#

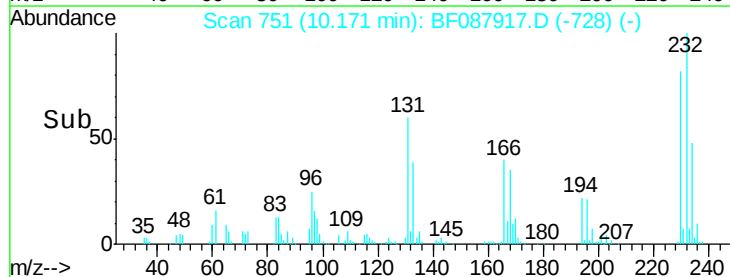
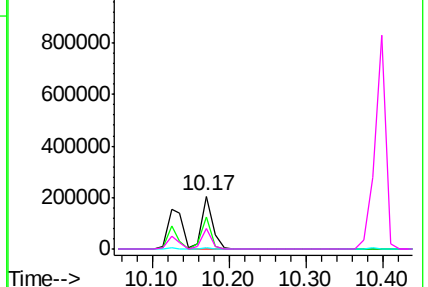


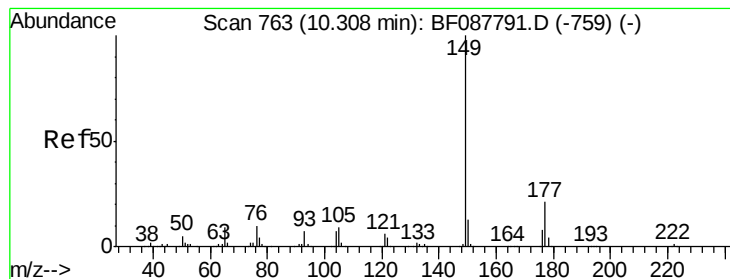
Abundance Ion 232.00 (231.70 to 232.70): E

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: 40.15 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.02 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0991MSD

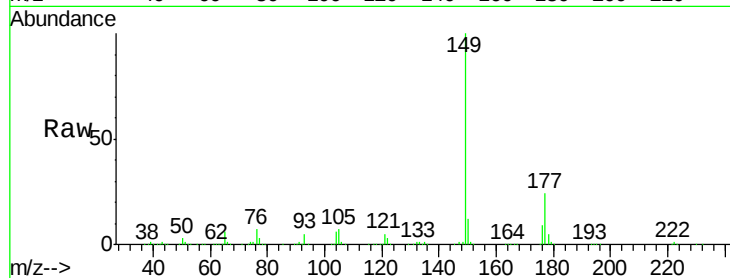
Tot Ion:149 Resp: 975989

Ion Ratio Lower Upper

149 100

177 24.1 16.9 25.3

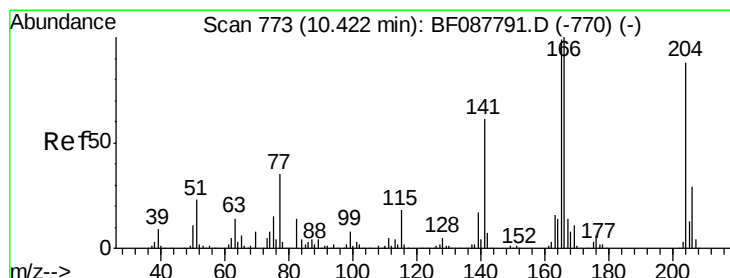
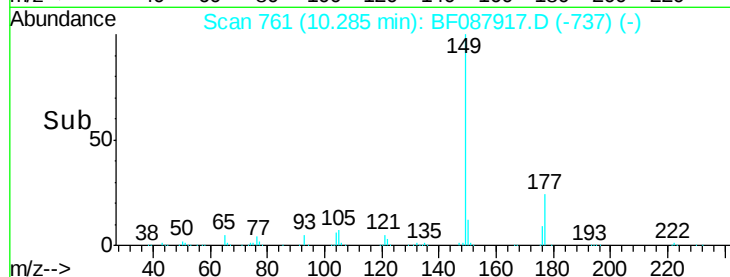
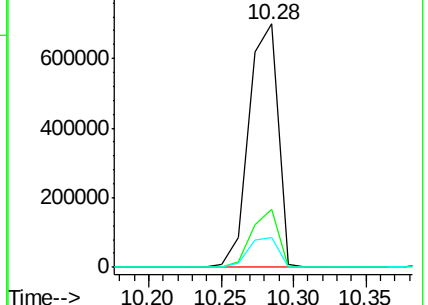
150 12.3 10.1 15.1



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: 32.68 ng

RT: 10.39 min Scan# 770

Delta R.T. -0.03 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

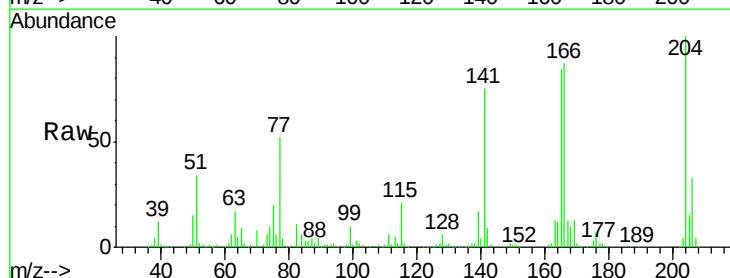
Tgt Ion:204 Resp: 318689

Ion Ratio Lower Upper

204 100

206 33.0 26.3 39.5

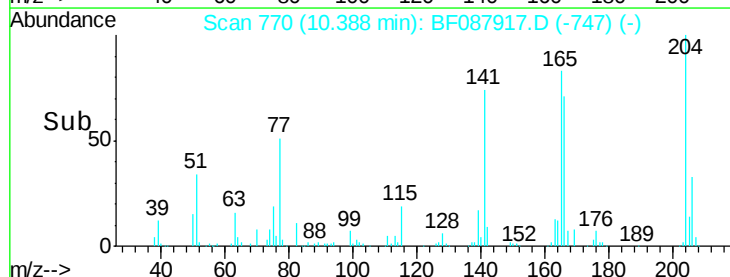
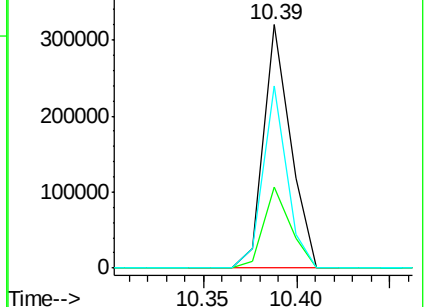
141 75.0 55.0 82.6

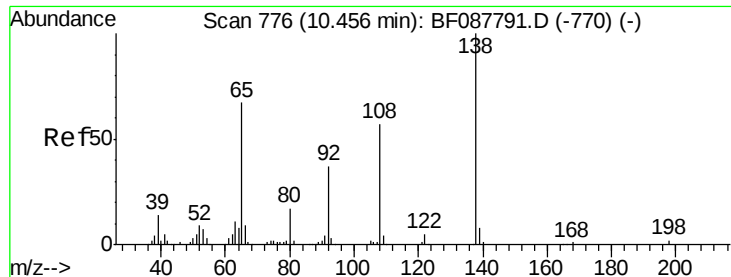


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 37.13 ng

RT: 10.42 min Scan# 773

Delta R.T. -0.03 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0991MSD

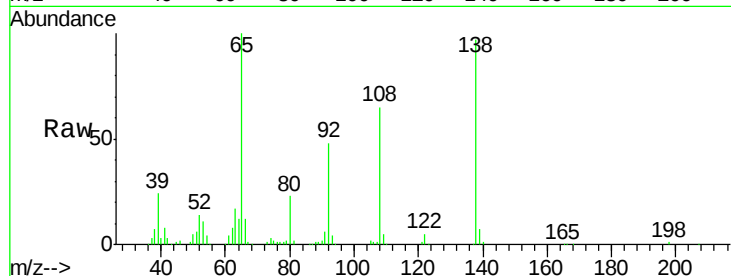
Tot Ion:138 Resp: 223522

Ion Ratio Lower Upper

138 100

92 49.3 27.3 67.3

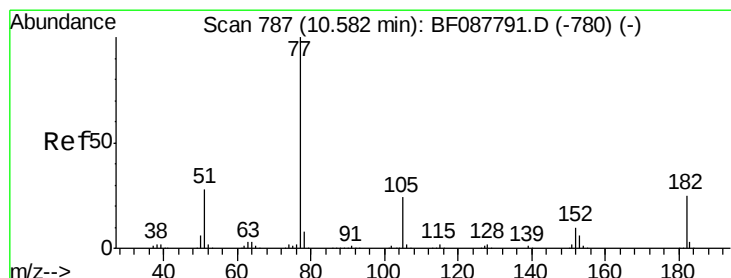
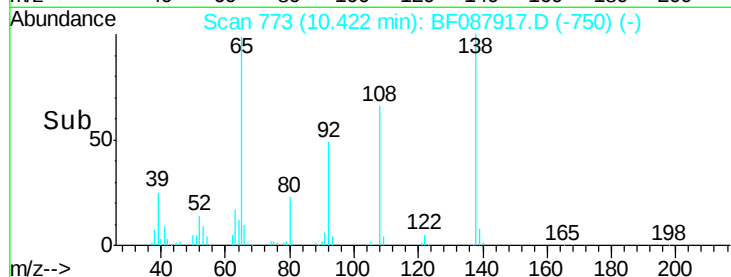
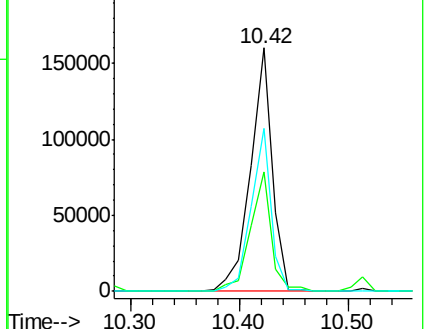
108 67.1 46.7 86.7



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: 36.95 ng

RT: 10.55 min Scan# 784

Delta R.T. -0.03 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

Tgt Ion: 77 Resp: 888366

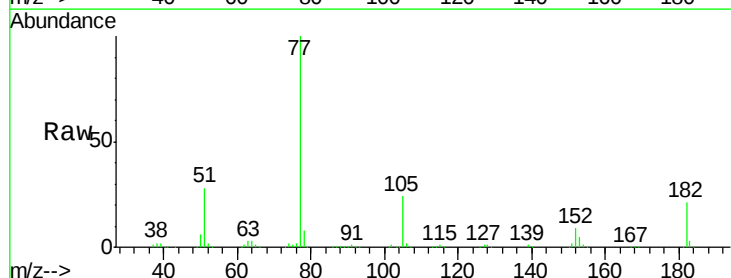
Ion Ratio Lower Upper

77 100

182 21.3 4.4 44.4

105 23.5 3.8 43.8

51 28.2 9.3 49.3

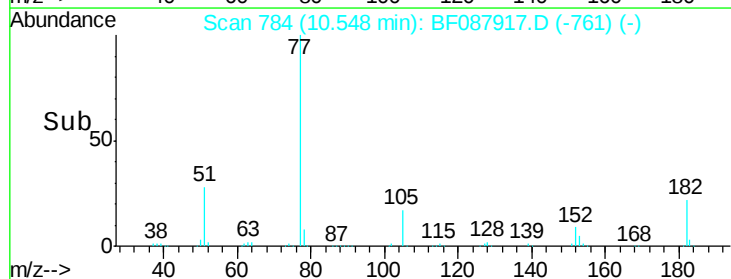
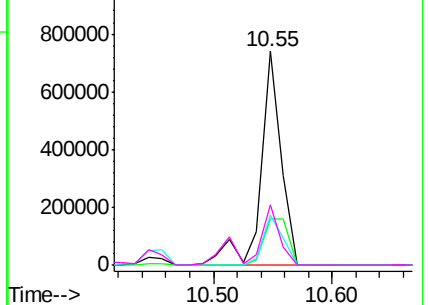


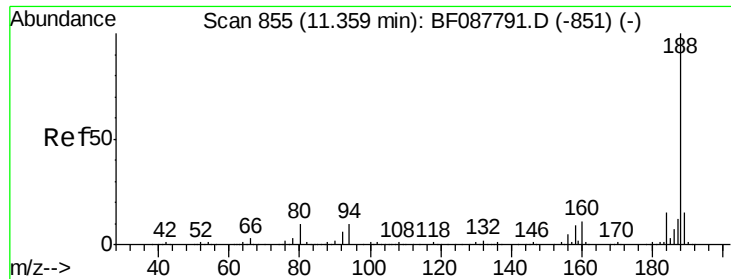
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

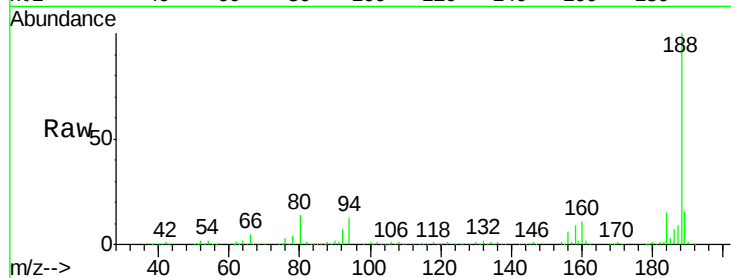




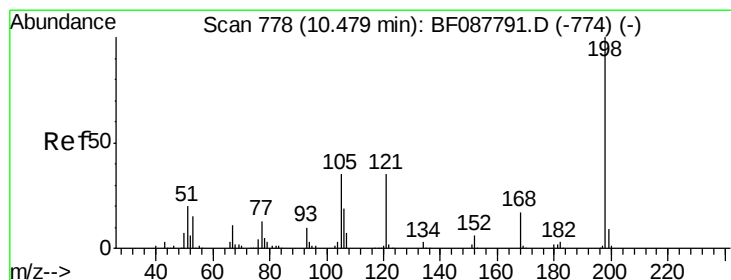
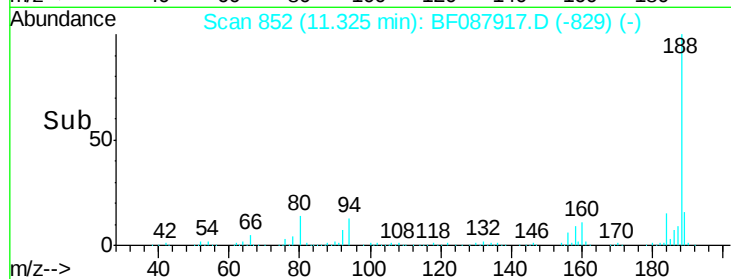
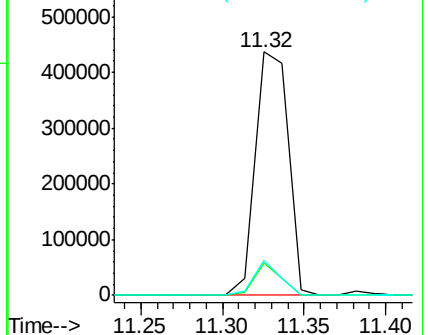
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF087917.D
Acq: 11 Jun 2016 22:30

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

Tot Ion:188 Resp: 615089
Ion Ratio Lower Upper
188 100
94 13.4 9.0 13.6
80 14.2 10.0 15.0

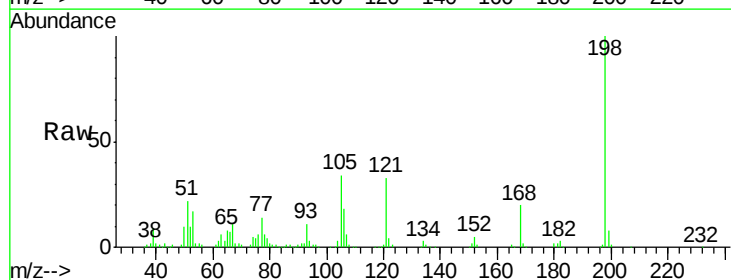


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

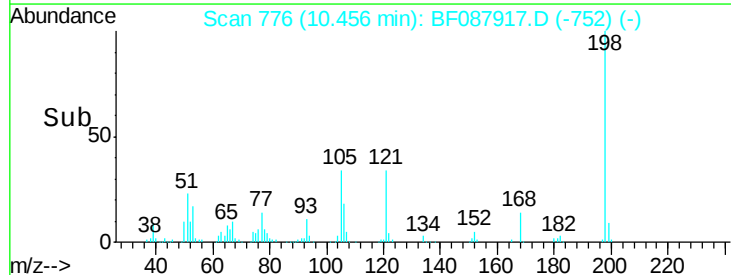
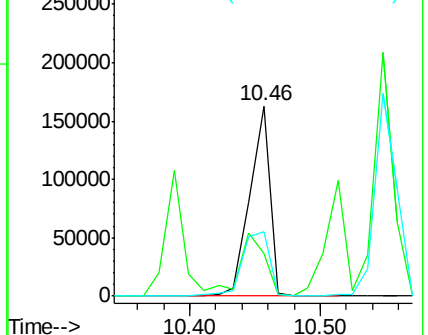


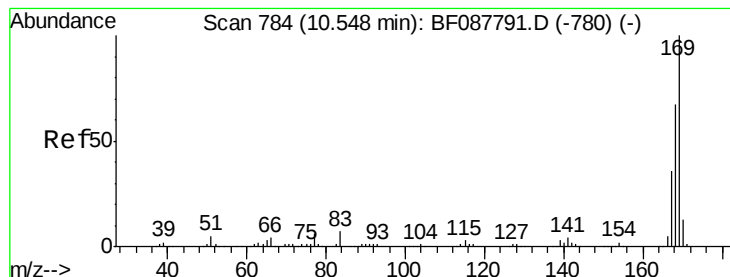
#64
4,6-Dinitro-2-methylphenol
Concen: 45.66 ng
RT: 10.46 min Scan# 776
Delta R.T. -0.02 min
Lab File: BF087917.D
Acq: 11 Jun 2016 22:30

Tgt Ion:198 Resp: 174913
Ion Ratio Lower Upper
198 100
51 22.4 39.6 79.6#
105 33.9 36.6 76.6#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

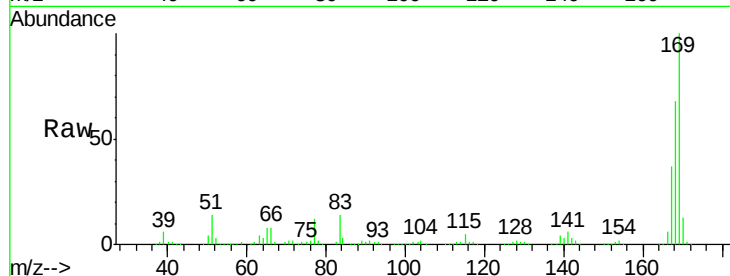




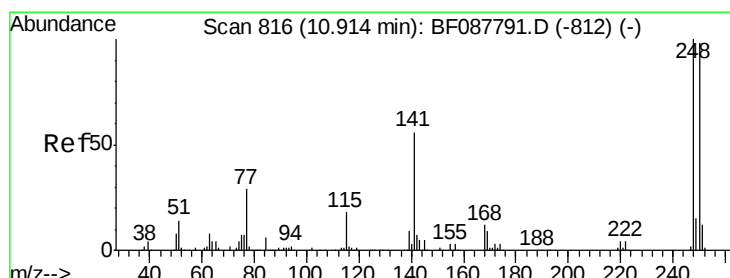
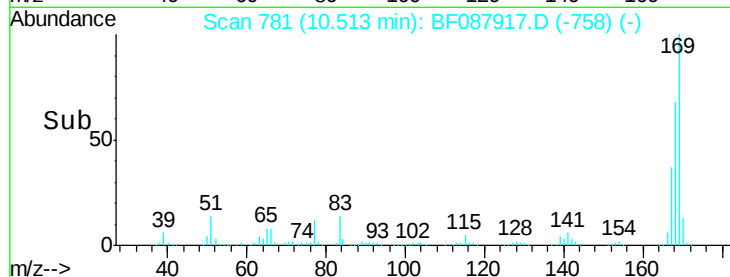
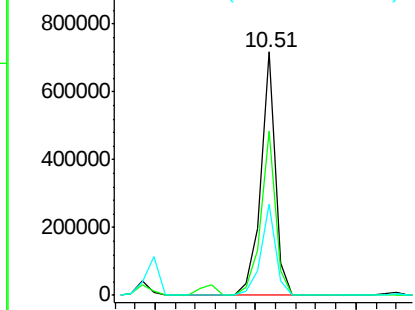
#65
 n-Nitrosodiphenylamine
 Concen: 35.39 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.03 min
 Lab File: BF087917.D
 Acq: 11 Jun 2016 22:30

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0991MSD

Tot Ion:169 Resp: 722385
 Ion Ratio Lower Upper
 169 100
 168 67.6 53.4 80.0
 167 37.3 29.4 44.0

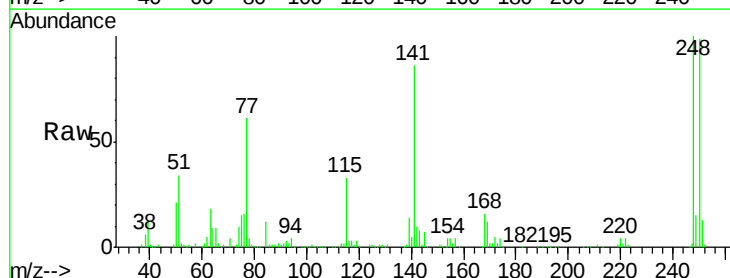


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

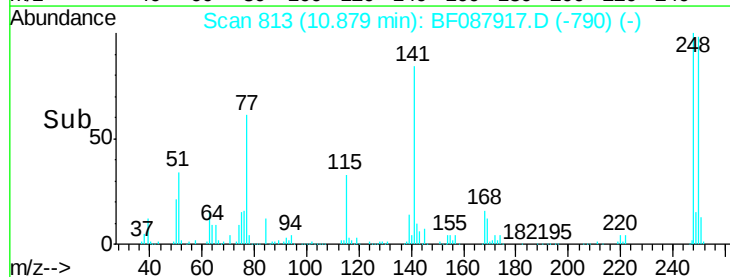
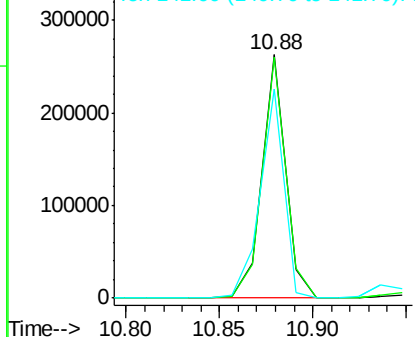


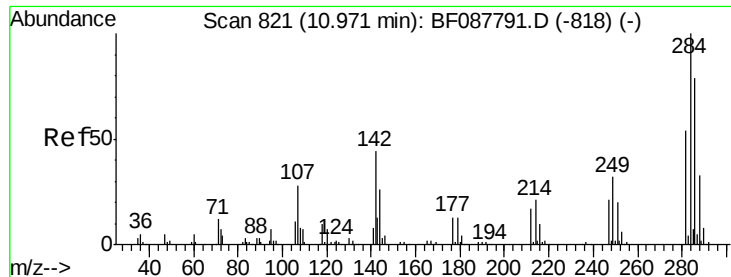
#66
 4-Bromophenyl-phenylether
 Concen: 34.67 ng
 RT: 10.88 min Scan# 813
 Delta R.T. -0.03 min
 Lab File: BF087917.D
 Acq: 11 Jun 2016 22:30

Tgt Ion:248 Resp: 228792
 Ion Ratio Lower Upper
 248 100
 250 98.8 77.1 115.7
 141 85.8 50.6 76.0#



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

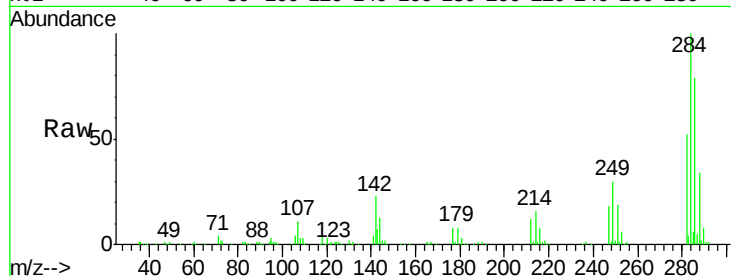




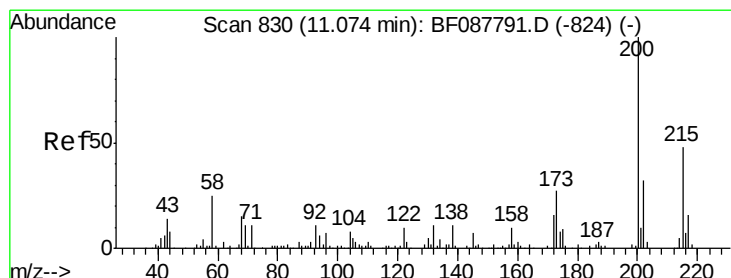
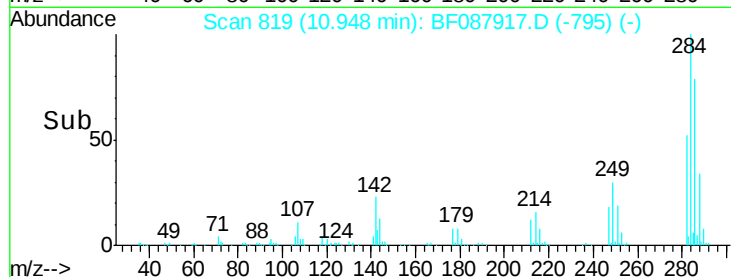
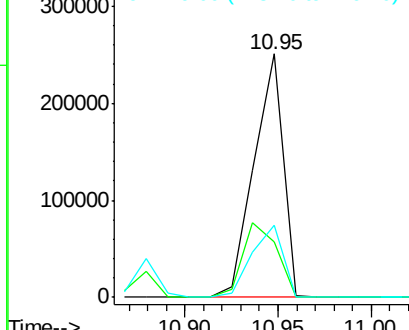
#67
Hexachlorobenzene
Concen: 39.44 ng
RT: 10.95 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF087917.D
Acq: 11 Jun 2016 22:30

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

Tot Ion:284 Resp: 270425
Ion Ratio Lower Upper
284 100
142 22.8 35.8 53.8#
249 29.5 25.8 38.6

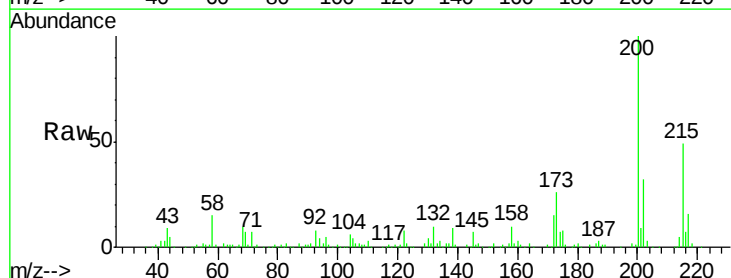


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

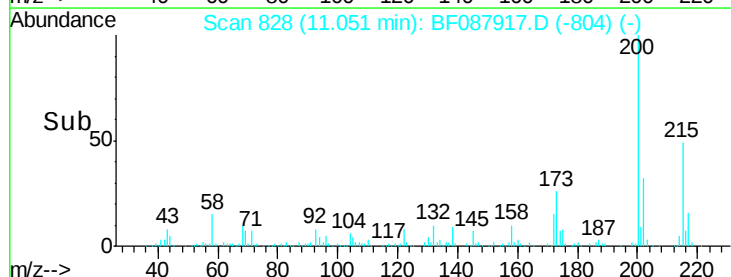
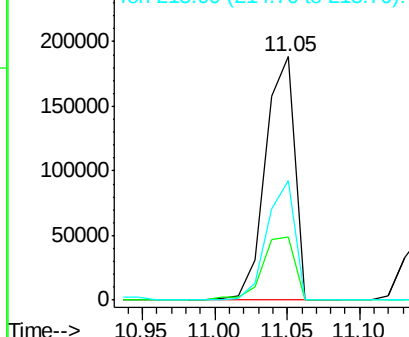


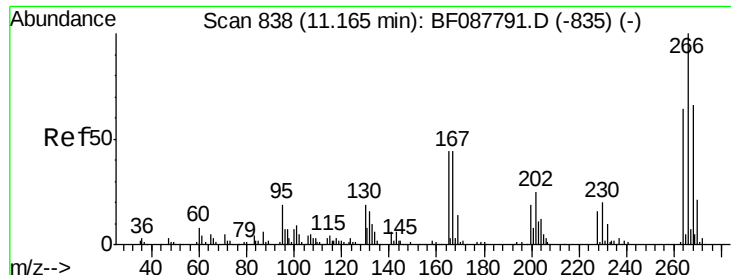
#68
Atrazine
Concen: 42.39 ng
RT: 11.05 min Scan# 828
Delta R.T. -0.02 min
Lab File: BF087917.D
Acq: 11 Jun 2016 22:30

Tgt Ion:200 Resp: 261977
Ion Ratio Lower Upper
200 100
173 26.0 4.0 44.0
215 49.1 29.3 69.3



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

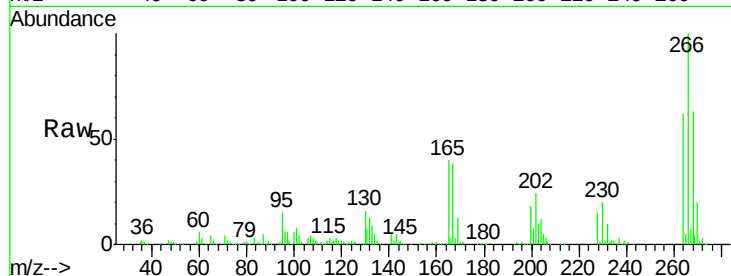




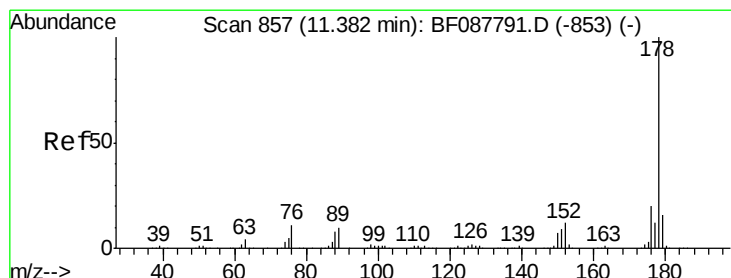
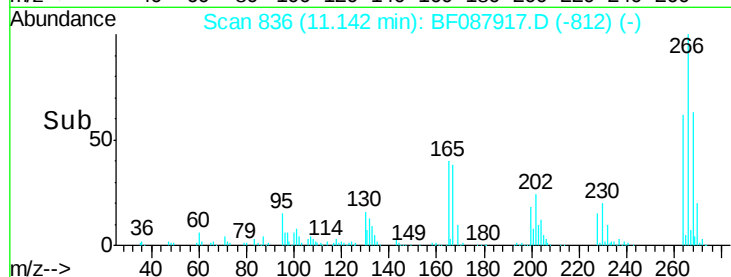
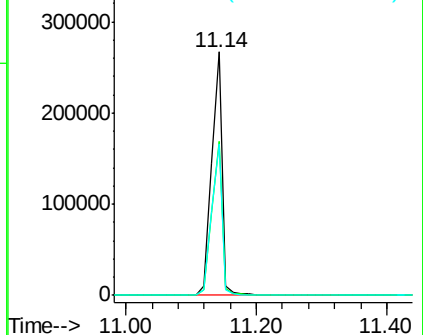
#69
 Pentachlorophenol
 Concen: 84.54 ng
 RT: 11.14 min Scan# 836
 Delta R.T. -0.02 min
 Lab File: BF087917.D
 Acq: 11 Jun 2016 22:30

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0991MSD

Tot Ion:266 Resp: 305554
 Ion Ratio Lower Upper
 266 100
 268 63.4 52.8 79.2
 264 62.3 49.6 74.4

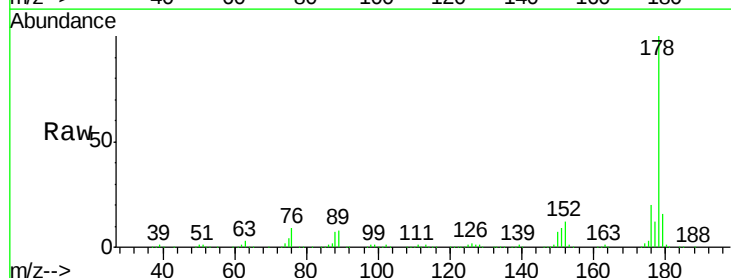


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

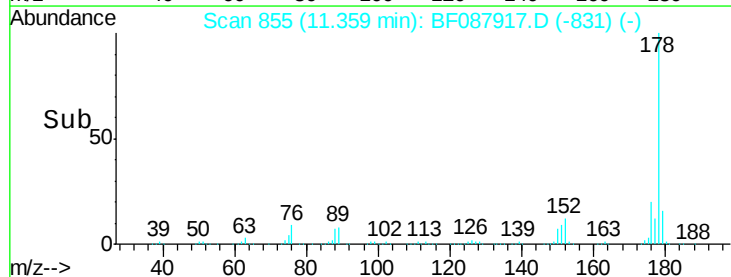
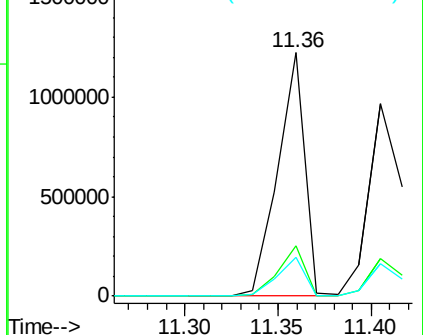


#70
 Phenanthrene
 Concen: 38.27 ng
 RT: 11.36 min Scan# 855
 Delta R.T. -0.02 min
 Lab File: BF087917.D
 Acq: 11 Jun 2016 22:30

Tgt Ion:178 Resp: 1235259
 Ion Ratio Lower Upper
 178 100
 176 20.4 15.8 23.6
 179 15.9 13.0 19.4



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

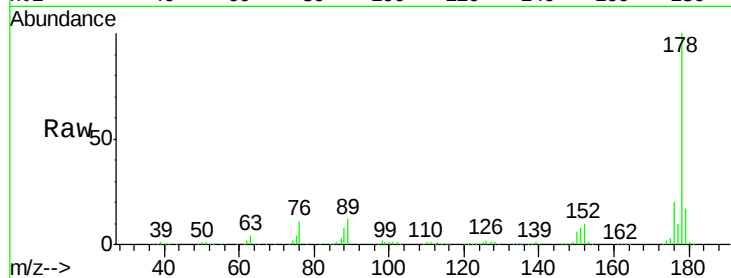




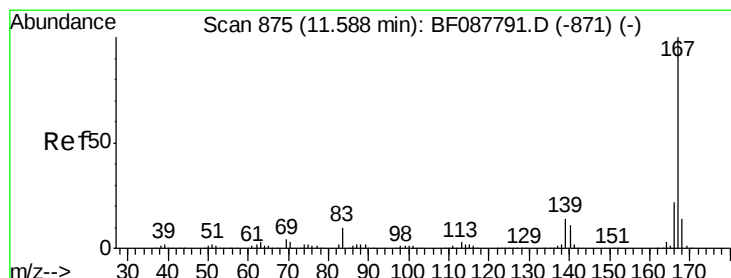
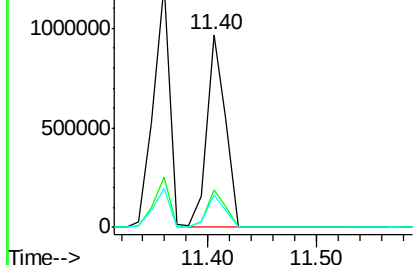
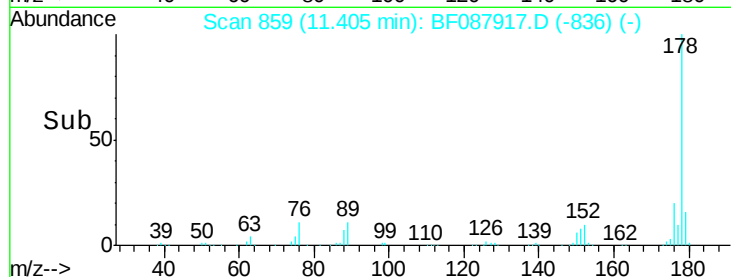
#71
 Anthracene
 Concen: 35.56 ng
 RT: 11.40 min Scan# 859
 Delta R.T. -0.03 min
 Lab File: BF087917.D
 Acq: 11 Jun 2016 22:30

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0991MSD

Tot Ion:178 Resp: 1157656
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.6 23.4
 179 16.5 12.8 19.2

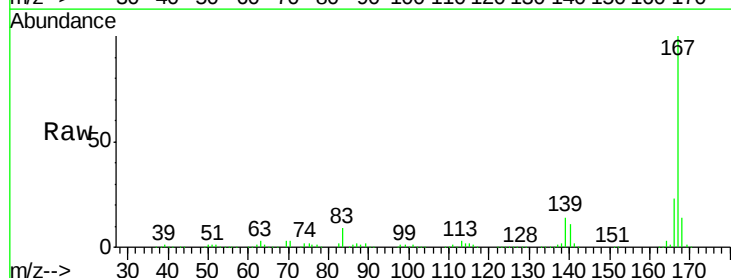


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

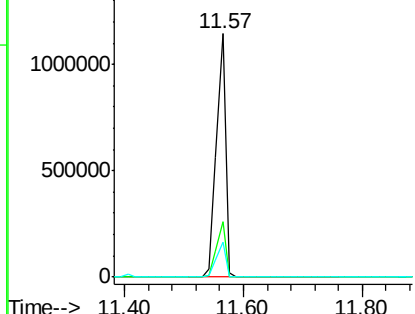
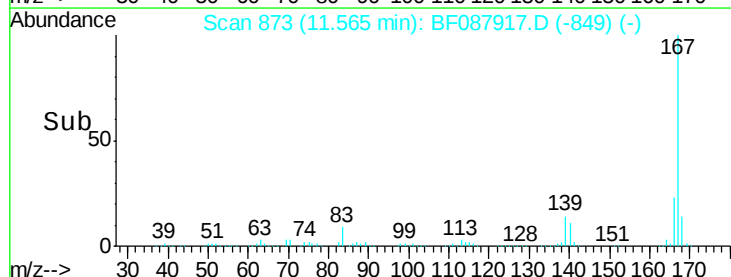


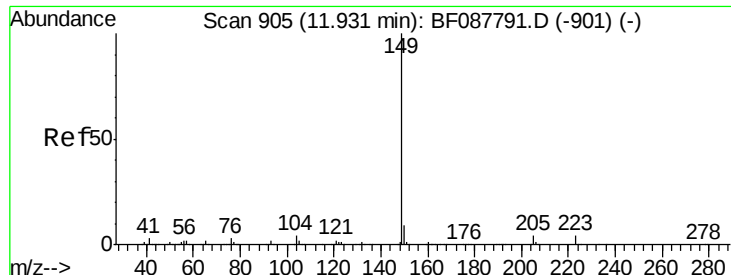
#72
 Carbazole
 Concen: 40.12 ng
 RT: 11.57 min Scan# 873
 Delta R.T. -0.02 min
 Lab File: BF087917.D
 Acq: 11 Jun 2016 22:30

Tgt Ion:167 Resp: 1222343
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.8 26.6
 139 14.3 11.2 16.8



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: 31.69 ng

RT: 11.90 min Scan# 902

Delta R.T. -0.03 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0991MSD

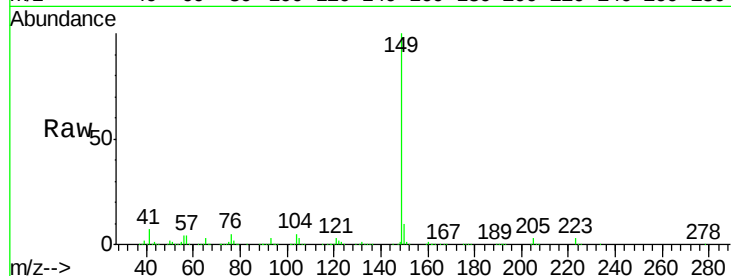
Tot Ion:149 Resp: 1222281

Ion Ratio Lower Upper

149 100

150 9.9 7.8 11.6

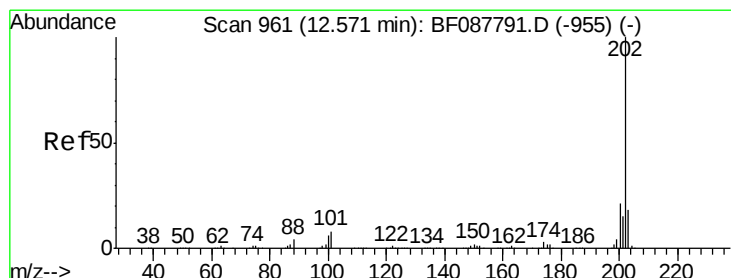
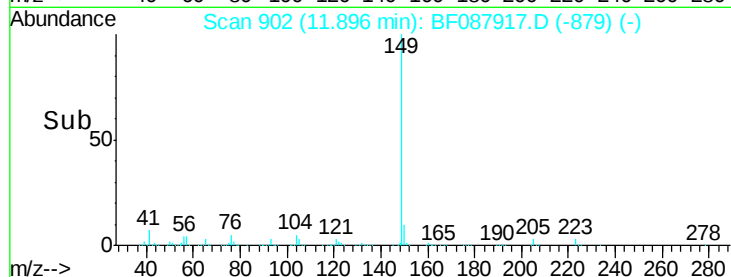
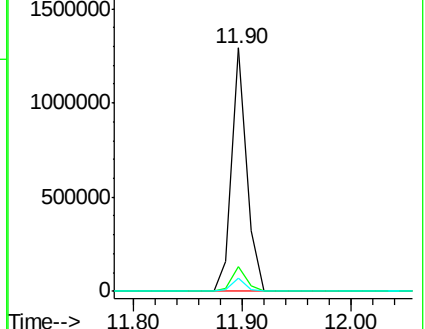
104 5.3 4.0 6.0



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: 35.04 ng

RT: 12.54 min Scan# 958

Delta R.T. -0.03 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

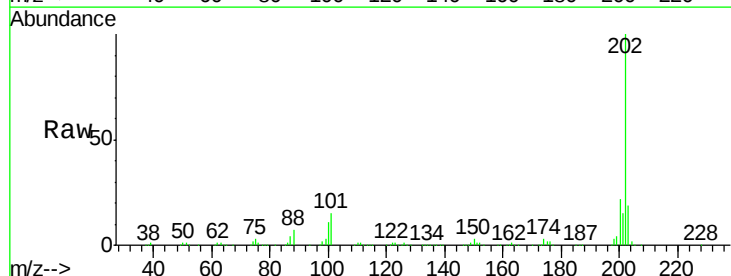
Tgt Ion:202 Resp: 1193438

Ion Ratio Lower Upper

202 100

101 14.9 0.0 33.1

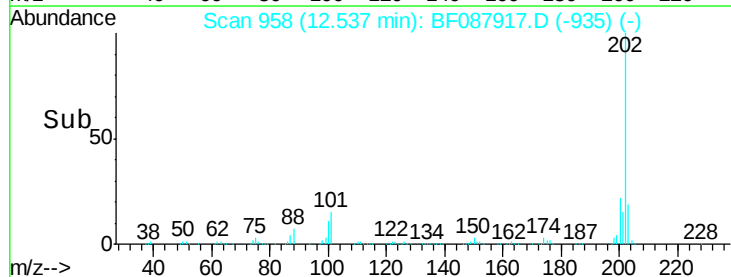
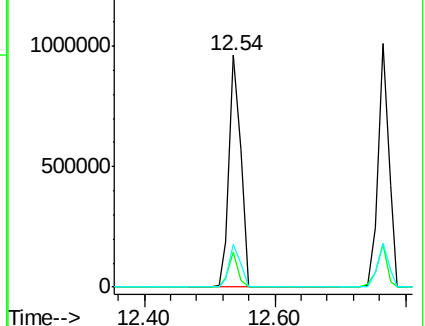
203 18.6 0.0 38.1

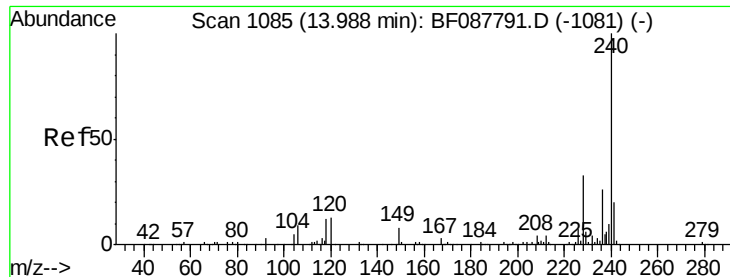


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1083

Delta R.T. -0.02 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0991MSD

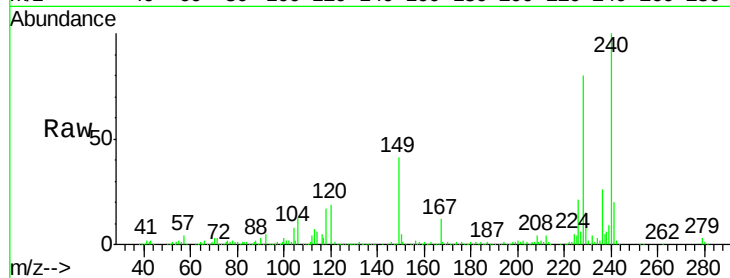
Tot Ion:240 Resp: 399822

Ion Ratio Lower Upper

240 100

120 18.6 6.8 10.2#

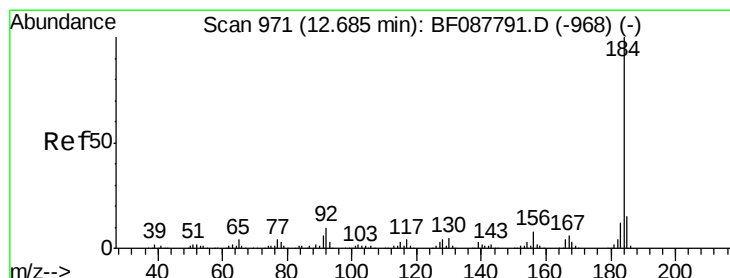
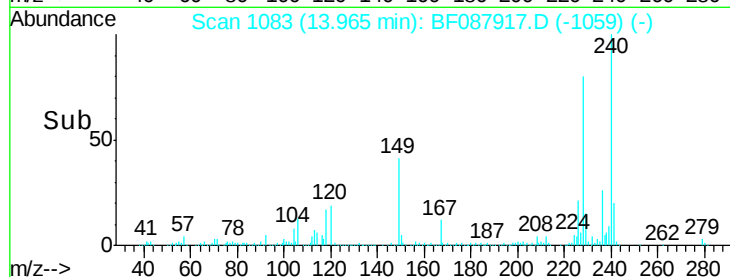
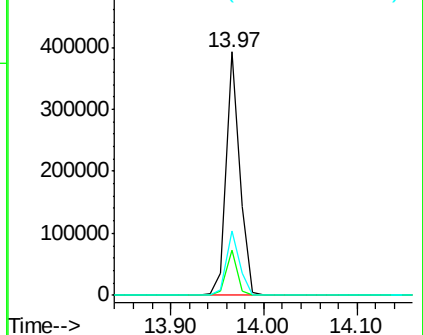
236 26.4 20.2 30.2



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: 27.34 ng

RT: 12.66 min Scan# 969

Delta R.T. -0.02 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

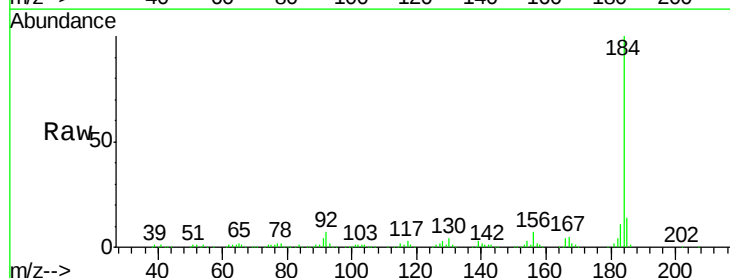
Tgt Ion:184 Resp: 302693

Ion Ratio Lower Upper

184 100

185 14.3 12.5 18.7

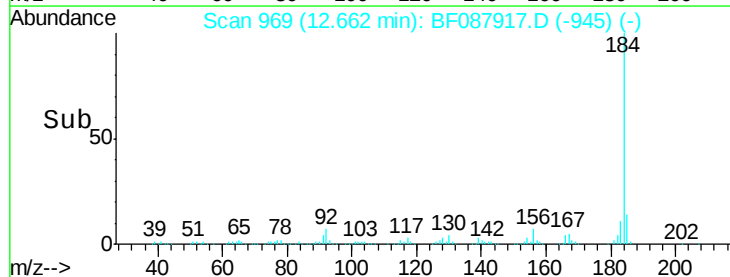
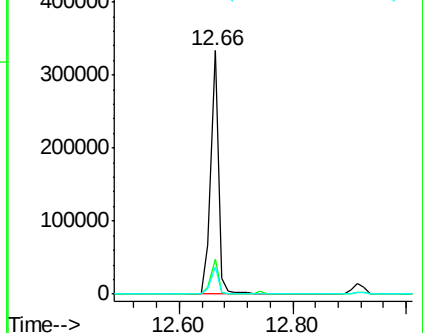
183 11.5 9.3 13.9

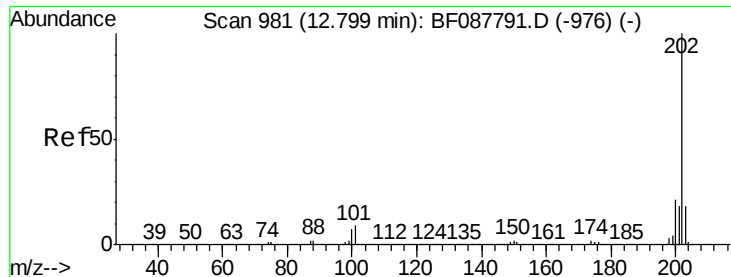


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.20 ng

RT: 12.77 min Scan# 978

Delta R.T. -0.03 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

Instrument :

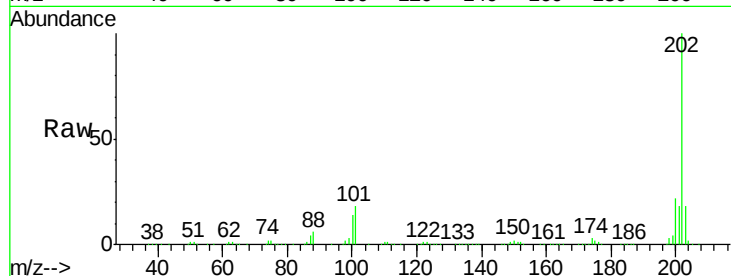
BNA_F

ClientSampleId :

SP16-JMW0991MSD

Tot Ion:202 Resp: 1163158

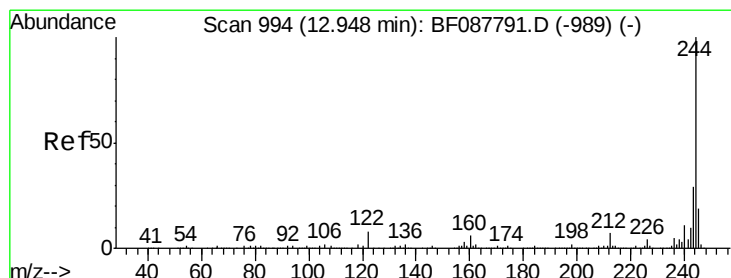
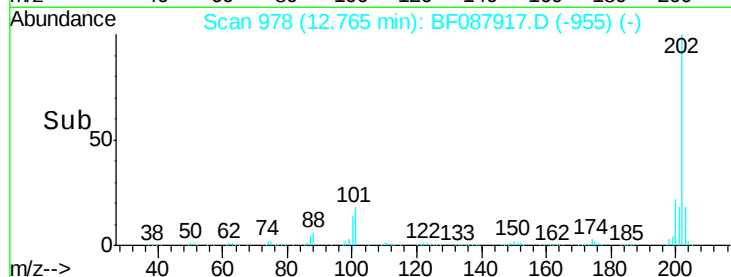
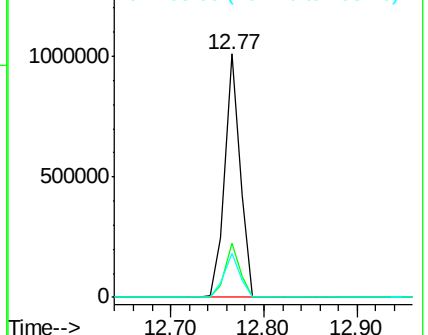
Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.4	26.2
203	18.2	14.5	21.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 78.49 ng

RT: 12.91 min Scan# 991

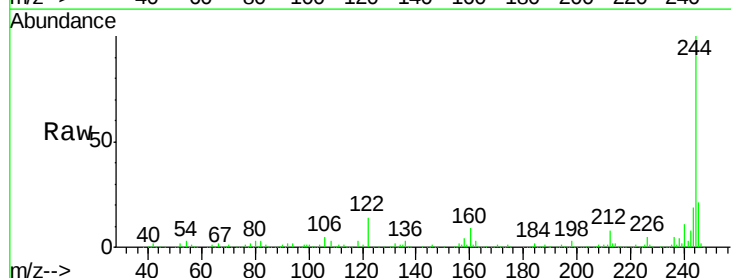
Delta R.T. -0.03 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

Tgt Ion:244 Resp: 1379182

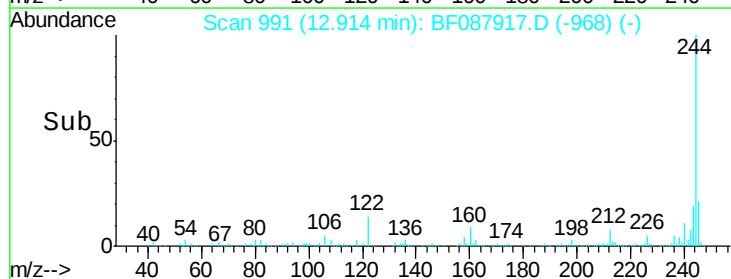
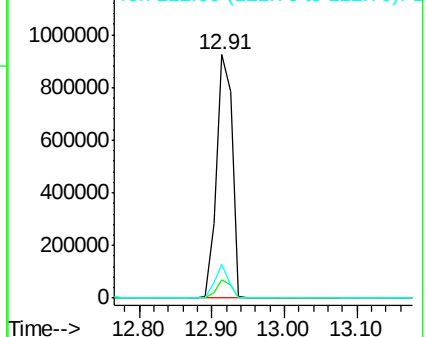
Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	14.0	11.2	16.8

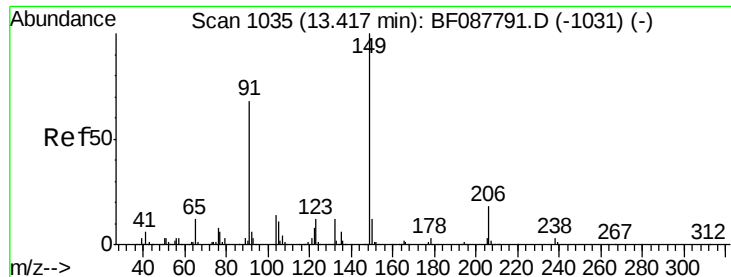


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

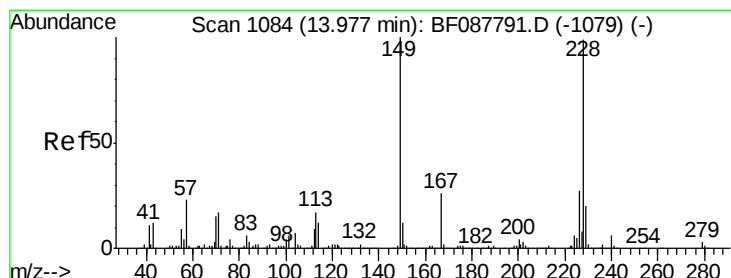
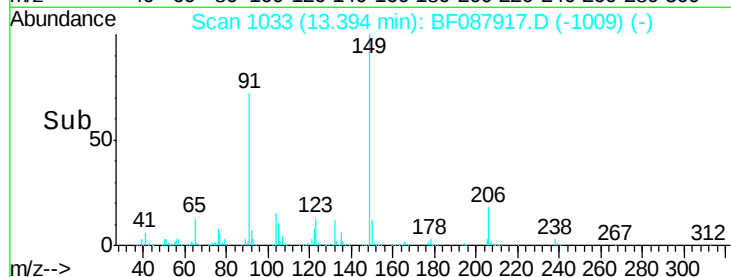
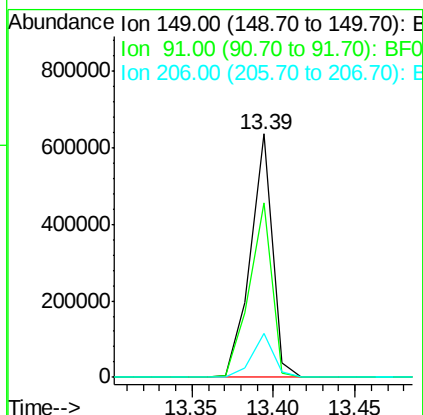
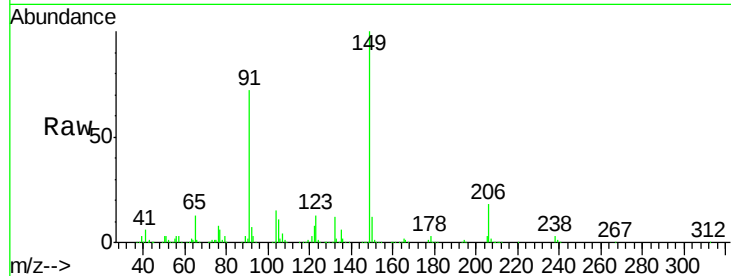




#79
Butylbenzylphthalate
Concen: 45.56 ng
RT: 13.39 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BF087917.D
Acq: 11 Jun 2016 22:30

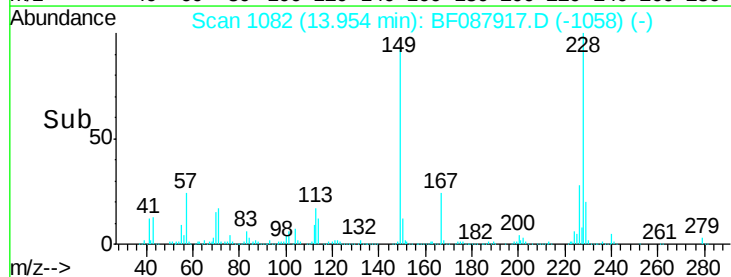
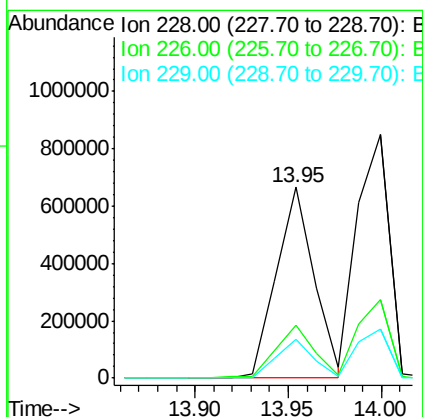
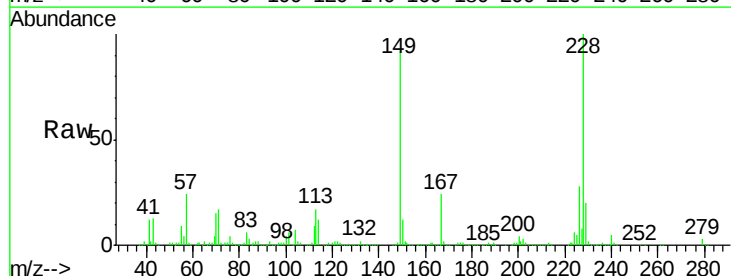
Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

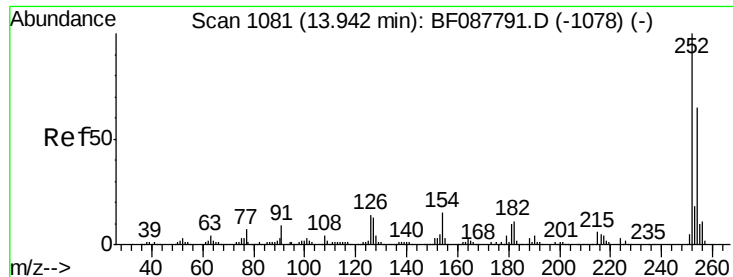
Tot Ion:149 Resp: 597672
Ion Ratio Lower Upper
149 100
91 71.7 48.0 72.0
206 18.0 16.0 24.0



#80
Benzo(a)anthracene
Concen: 41.28 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.02 min
Lab File: BF087917.D
Acq: 11 Jun 2016 22:30

Tgt Ion:228 Resp: 940500
Ion Ratio Lower Upper
228 100
226 27.6 22.3 33.5
229 20.1 16.0 24.0

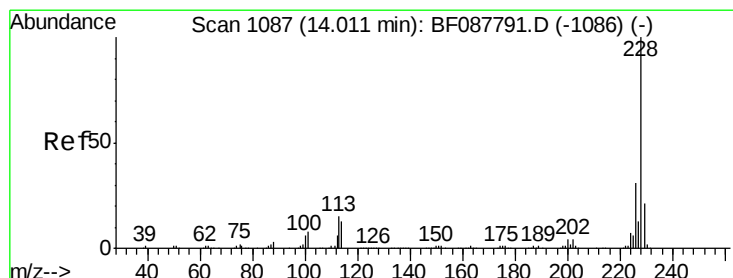
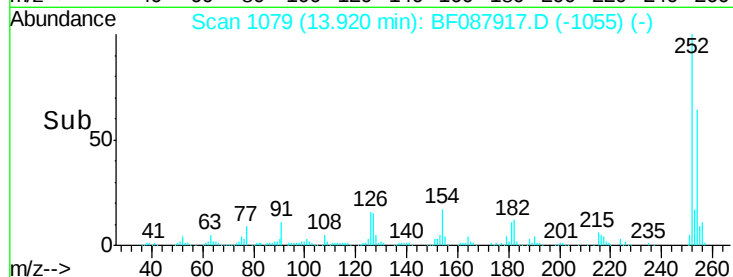
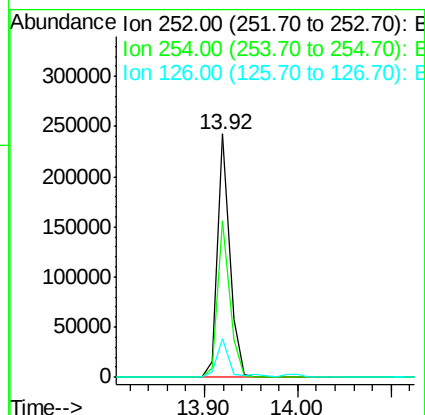
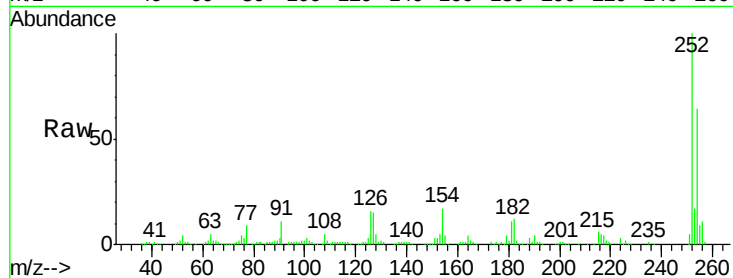




#81
 3,3'-Dichlorobenzidine
 Concen: 36.00 ng
 RT: 13.92 min Scan# 1079
 Delta R.T. -0.02 min
 Lab File: BF087917.D
 Acq: 11 Jun 2016 22:30

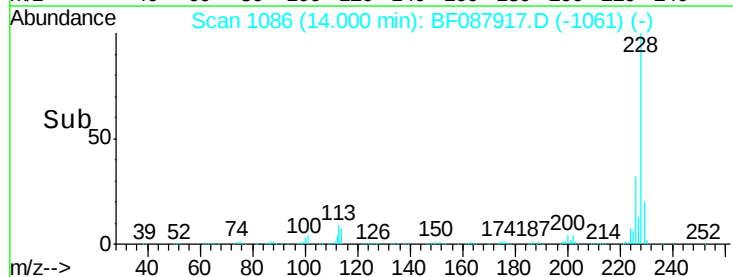
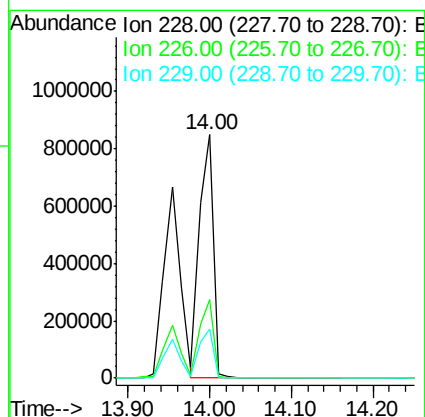
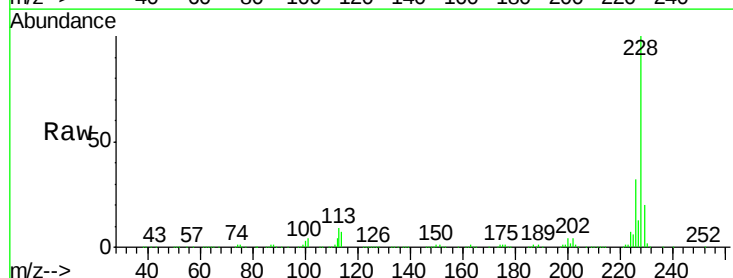
Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0991MSD

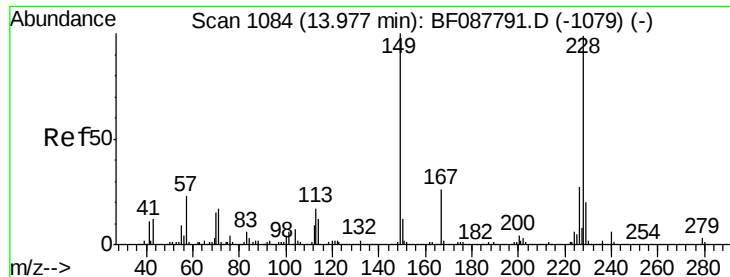
Tot Ion:252 Resp: 220575
 Ion Ratio Lower Upper
 252 100
 254 64.1 52.6 78.8
 126 16.0 6.2 9.2#



#82
 Chrysene
 Concen: 47.75 ng
 RT: 14.00 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: BF087917.D
 Acq: 11 Jun 2016 22:30

Tgt Ion:228 Resp: 1023531
 Ion Ratio Lower Upper
 228 100
 226 32.2 25.4 38.2
 229 20.1 16.3 24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.89 ng

RT: 13.95 min Scan# 1082

Delta R.T. -0.02 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0991MSD

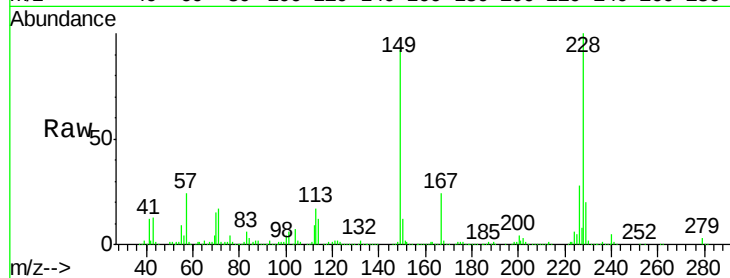
Tot Ion:149 Resp: 604984

Ion Ratio Lower Upper

149 100

167 25.7 20.5 30.7

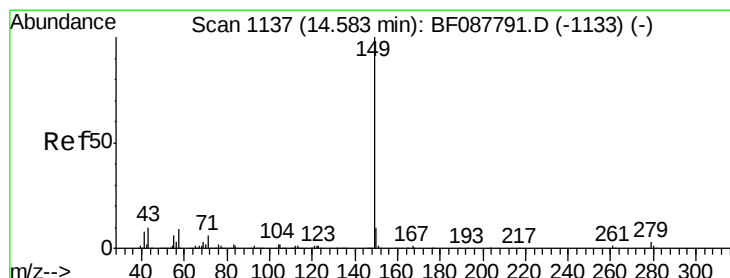
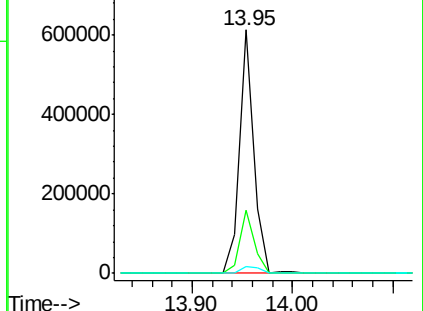
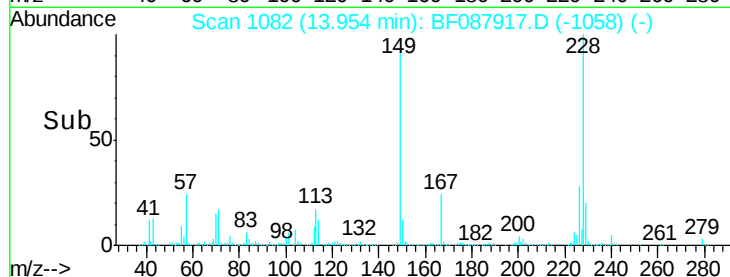
279 2.8 2.0 3.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 51.58 ng

RT: 14.57 min Scan# 1136

Delta R.T. -0.01 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

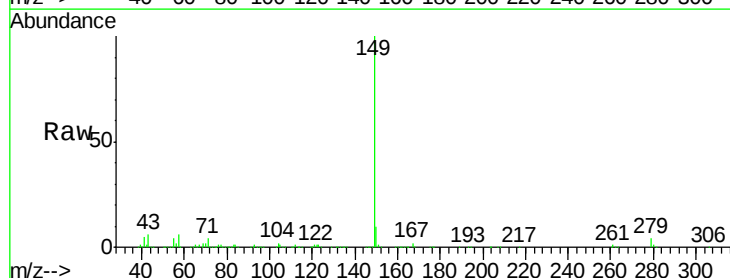
Tgt Ion:149 Resp: 1338227

Ion Ratio Lower Upper

149 100

167 1.6 0.0 0.0#

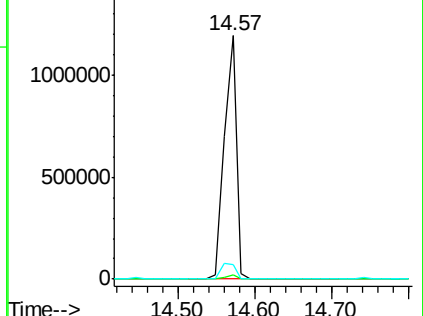
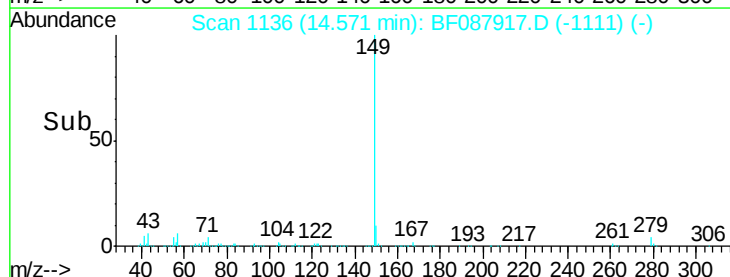
43 8.1 0.0 0.0#

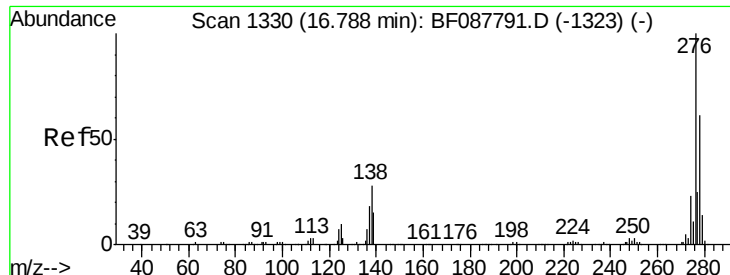


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

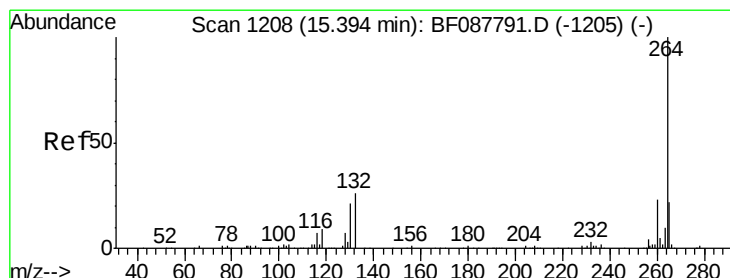
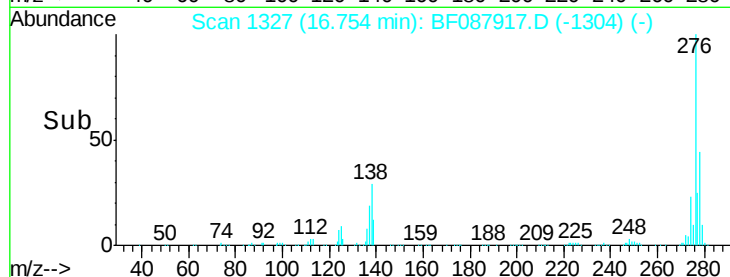
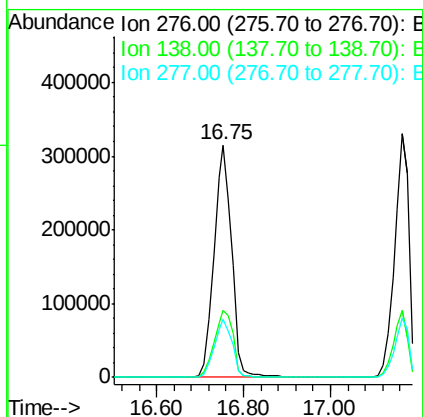
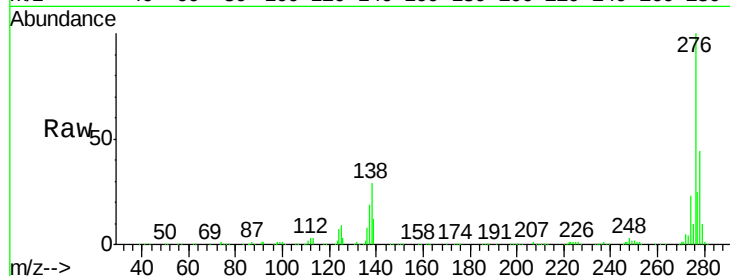




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.46 ng
 RT: 16.75 min Scan# 1327
 Delta R.T. -0.03 min
 Lab File: BF087917.D
 Acq: 11 Jun 2016 22:30

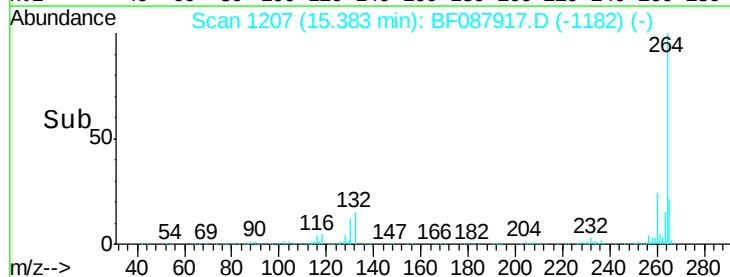
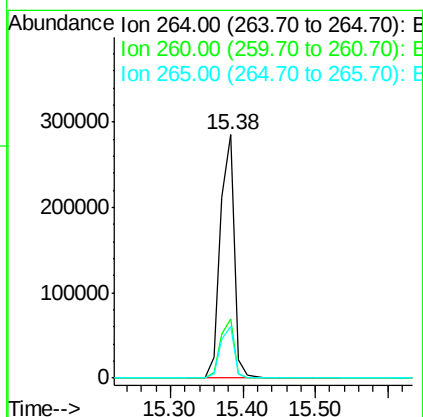
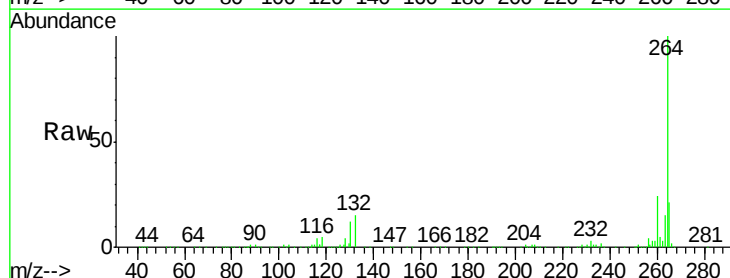
Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0991MSD

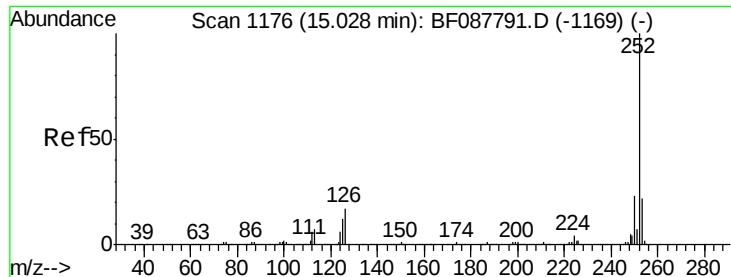
Tot Ion:276 Resp: 905283
 Ion Ratio Lower Upper
 276 100
 138 31.0 0.0 0.0#
 277 25.2 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.38 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF087917.D
 Acq: 11 Jun 2016 22:30

Tgt Ion:264 Resp: 380459
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 21.3 16.9 25.3

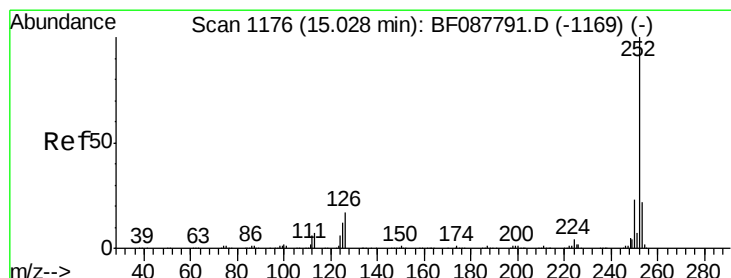
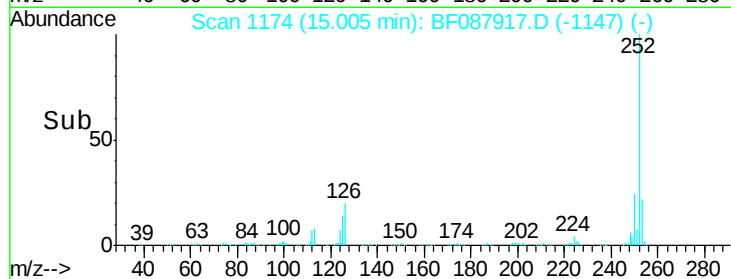
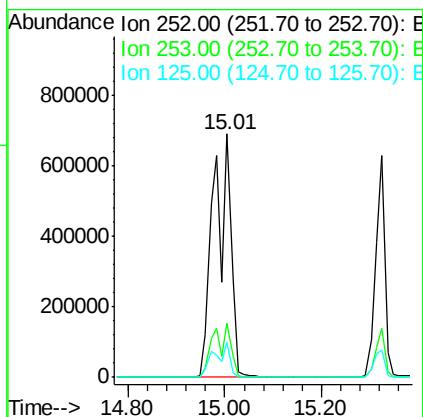
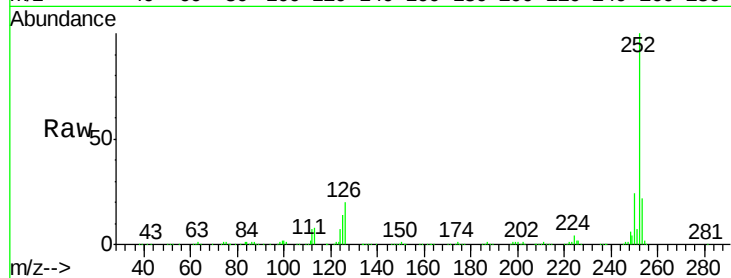




#87
Benzo(b)fluoranthene
Concen: 65.52 ng
RT: 15.01 min Scan# 1174
Delta R.T. 0.01 min
Lab File: BF087917.D
Acq: 11 Jun 2016 22:30

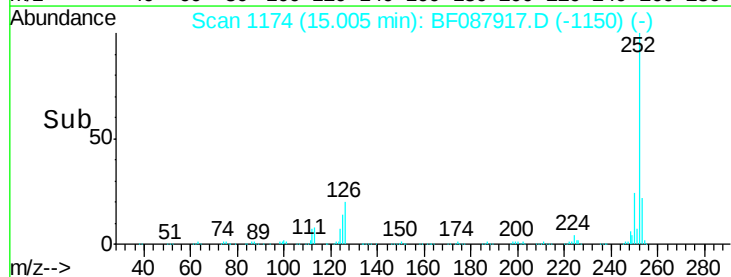
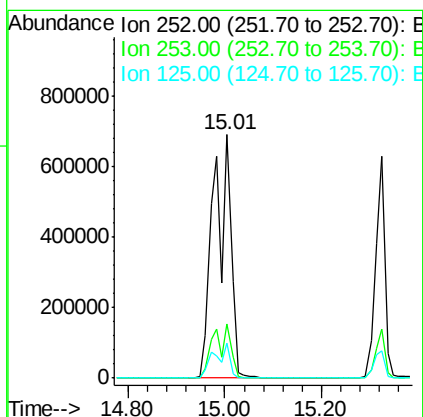
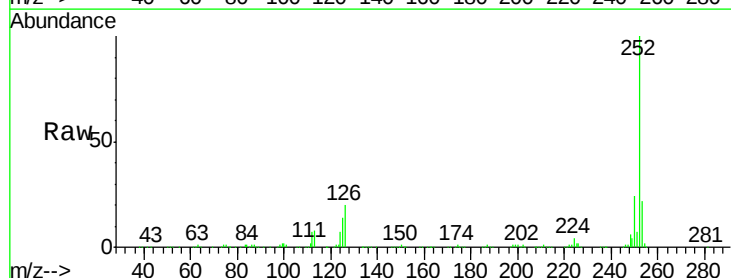
Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

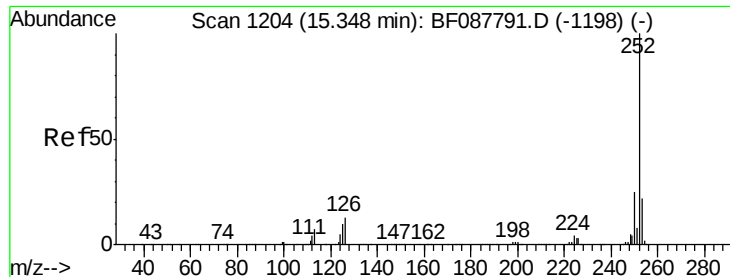
Tot Ion:252 Resp: 1737397
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 14.2 7.1 10.7#



#88
Benzo(k)fluoranthene
Concen: 86.85 ng
RT: 15.01 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BF087917.D
Acq: 11 Jun 2016 22:30

Tgt Ion:252 Resp: 1737397
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 14.2 11.2 16.8





#89

Benzo(a)pyrene

Concen: 39.27 ng

RT: 15.33 min Scan# 1202

Delta R.T. -0.02 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0991MSD

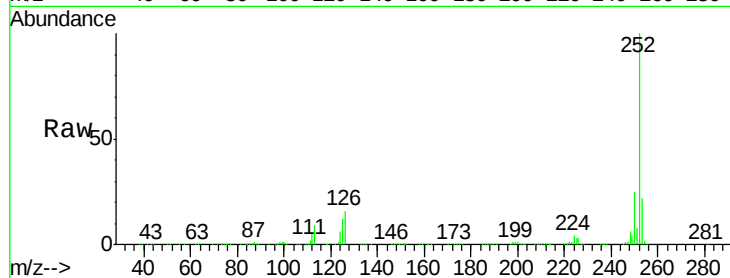
Tot Ion:252 Resp: 842543

Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

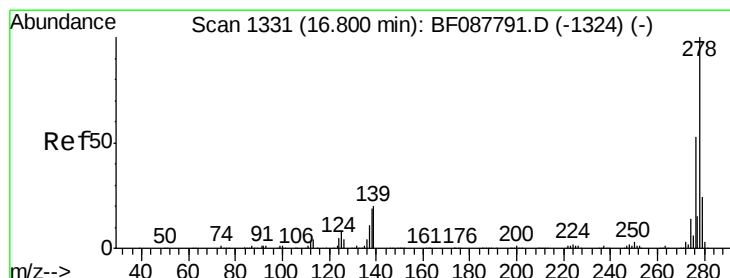
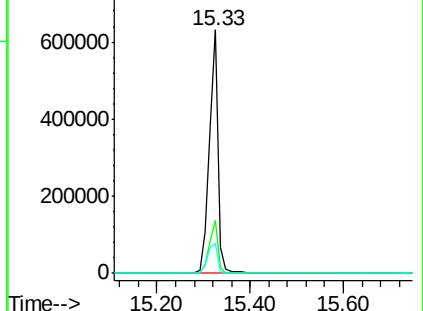
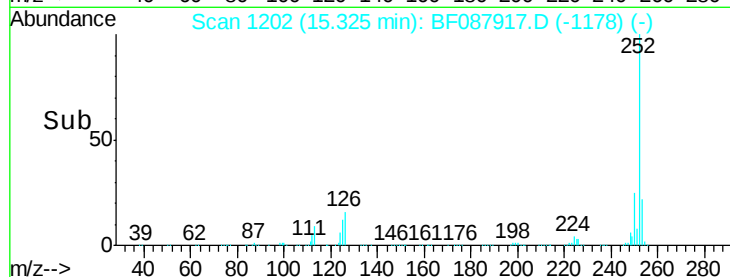
125 12.2 12.5 18.7#



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: 36.73 ng

RT: 16.78 min Scan# 1329

Delta R.T. -0.02 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

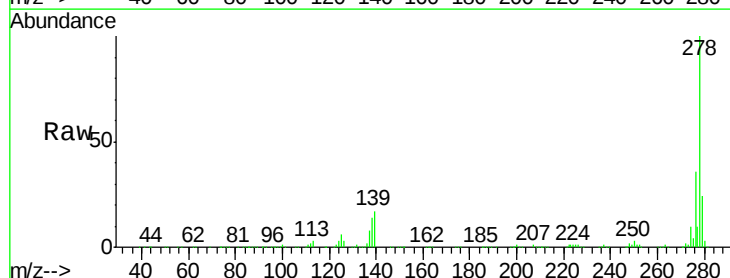
Tgt Ion:278 Resp: 731924

Ion Ratio Lower Upper

278 100

139 17.0 15.7 23.5

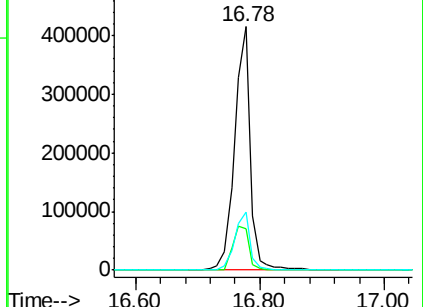
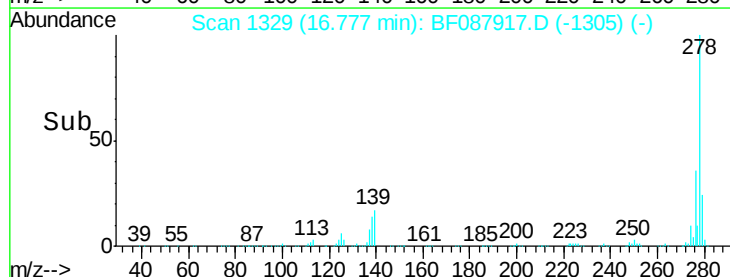
279 23.7 19.4 29.2

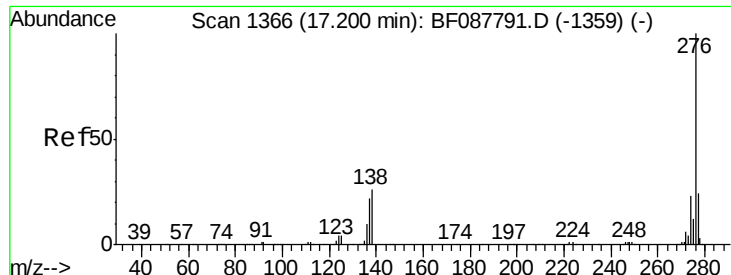


Abundance Ion 278.00 (277.70 to 278.70): E

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: 37.91 ng

RT: 17.17 min Scan# 1363

Delta R.T. -0.03 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0991MSD

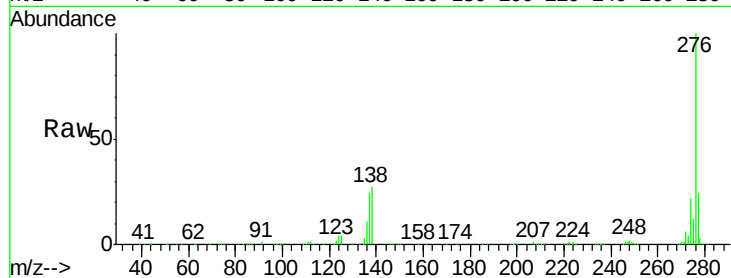
Tot Ion:276 Resp: 777045

Ion Ratio Lower Upper

276 100

277 24.4 18.9 28.3

138 27.3 21.4 32.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

