

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
 Data File : BF097753.D
 Acq On : 16 Aug 2017 21:57
 Operator : SJ/JU
 Sample : I4783-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-106-JMSD

Quant Time: Aug 17 01:27:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	156907	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	616647	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	253993	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	400738	20.00	ng	0.00
75) Chrysene-d12	13.94	240	287607	20.00	ng	0.00
86) Perylene-d12	15.36	264	266150	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1170116	113.43	ng	0.01
7) Phenol-d6	6.42	99	1589655	113.42	ng	0.01
23) Nitrobenzene-d5	7.35	82	966968	85.19	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	254249	115.37	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1408699	81.49	ng	0.00
78) Terphenyl-d14	12.89	244	863527	62.61	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	179592	31.22	ng	89
3) Pyridine	3.26	79	499411	31.40	ng	88
4) n-Nitrosodimethylamine	3.22	42	205565	33.59	ng	80
6) Aniline	6.45	93	524895	26.66	ng	98
8) 2-Chlorophenol	6.57	128	405928	37.31	ng	96
9) Benzaldehyde	6.33	77	163446	18.41	ng	88
10) Phenol	6.43	94	595466	36.33	ng	96
11) bis(2-Chloroethyl)ether	6.52	93	465136	37.60	ng	97
12) 1,3-Dichlorobenzene	6.72	146	410468	35.08	ng	# 92
13) 1,4-Dichlorobenzene	6.80	146	411295	34.56	ng	# 93
14) 1,2-Dichlorobenzene	6.96	146	385901	35.17	ng	98
15) Benzyl Alcohol	6.93	79	412537	39.31	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	612030	36.77	ng	91
17) 2-Methylphenol	7.04	107	372747	38.88	ng	97
18) Hexachloroethane	7.30	117	151401	32.45	ng	# 85
19) n-Nitroso-di-n-propylamine	7.20	70	346430	36.11	ng	88
20) 3+4-Methylphenols	7.19	107	442348	37.78	ng	97
22) Acetophenone	7.19	105	597920	36.70	ng	# 92
24) Nitrobenzene	7.37	77	510840	40.42	ng	95
25) Isophorone	7.60	82	926325	39.25	ng	97
26) 2-Nitrophenol	7.68	139	193645	42.92	ng	# 78
27) 2,4-Dimethylphenol	7.72	122	358554	36.42	ng	95
28) bis(2-Chloroethoxy)methane	7.82	93	598978	38.60	ng	99
29) 2,4-Dichlorophenol	7.92	162	317400	38.84	ng	93
30) 1,2,4-Trichlorobenzene	8.01	180	324417	35.81	ng	100
31) Naphthalene	8.09	128	1164806	36.39	ng	100
32) Benzoic acid	7.79	122	24460	9.36	ng	83
33) 4-Chloroaniline	8.13	127	297234	22.02	ng	99
34) Hexachlorobutadiene	8.20	225	188929	35.72	ng	97
35) Caprolactam	8.50	113	100195	36.07	ng	96
36) 4-Chloro-3-methylphenol	8.62	107	379295	36.13	ng	# 81
37) 2-Methylnaphthalene	8.78	142	740469	37.73	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	306498	39.32	ng	98
40) Hexachlorocyclopentadiene	8.93	237	112283	29.98	ng	98

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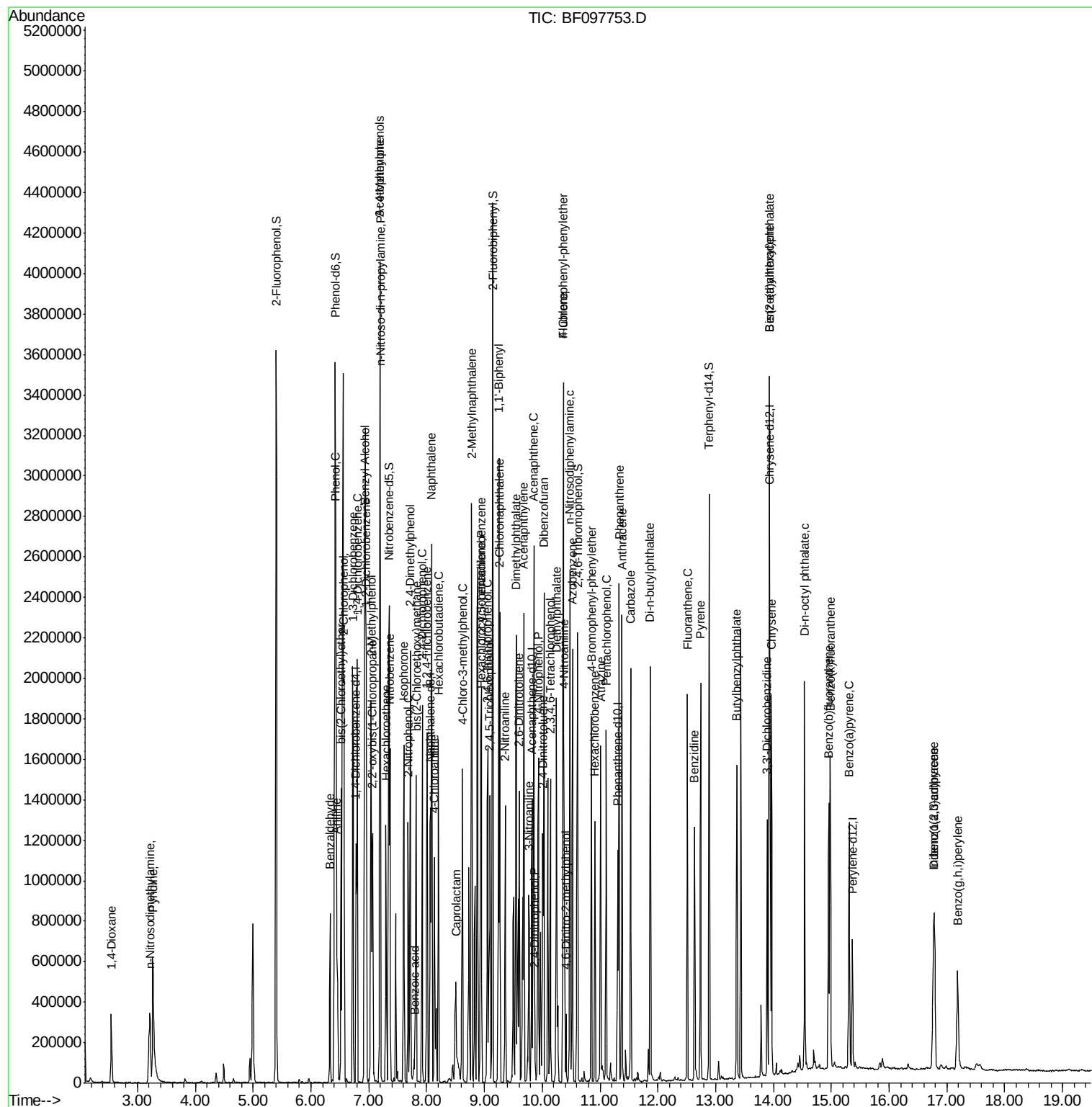
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	207887	39.72	nq	97
43) 2,4,5-Trichlorophenol	9.10	196	213546	41.13	nq	97
45) 1,1'-Biphenyl	9.25	154	866329	37.40	nq	97
46) 2-Chloronaphthalene	9.27	162	624012	36.46	nq	# 92
47) 2-Nitroaniline	9.36	65	243210	42.39	nq	96
48) Acenaphthylene	9.68	152	1006121	37.44	nq	100
49) Dimethylphthalate	9.55	163	932192	50.21	nq	99
50) 2,6-Dinitrotoluene	9.60	165	155148	41.86	nq	# 53
51) Acenaphthene	9.86	154	609394	35.95	nq	100
52) 3-Nitroaniline	9.77	138	132025	27.61	nq	81
53) 2,4-Dinitrophenol	9.87	184	33249	26.61	nq	# 79
54) Dibenzofuran	10.03	168	883877	38.91	nq	99
55) 4-Nitrophenol	9.93	139	245167	64.28	nq	# 43
56) 2,4-Dinitrotoluene	10.01	165	193321	41.57	nq	# 65
57) Fluorene	10.37	166	628329	35.78	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.14	232	164420	40.90	nq	93
59) Diethylphthalate	10.25	149	773345	39.83	nq	100
60) 4-Chlorophenyl-phenylether	10.36	204	308360	37.79	nq	# 87
61) 4-Nitroaniline	10.38	138	141721	31.19	nq	# 72
62) Azobenzene	10.52	77	874339	37.91	nq	93
64) 4,6-Dinitro-2-methylphenol	10.41	198	29904	21.41	nq	90
65) n-Nitrosodiphenylamine	10.48	169	588560	43.13	nq	99
66) 4-Bromophenyl-phenylether	10.85	248	182285	43.80	nq	95
67) Hexachlorobenzene	10.92	284	162185	38.24	nq	94
68) Atrazine	11.01	200	163806	45.26	nq	98
69) Pentachlorophenol	11.10	266	166275	67.23	nq	100
70) Phenanthrene	11.33	178	795093	37.23	nq	100
71) Anthracene	11.38	178	808522	37.33	nq	99
72) Carbazole	11.53	167	735614	35.78	nq	98
73) Di-n-butylphthalate	11.87	149	1059910	44.76	nq	99
74) Fluoranthene	12.51	202	731112	32.80	nq	98
76) Benzidine	12.63	184	486631	51.60	nq	# 92
77) Pyrene	12.74	202	738663	31.40	nq	98
79) Butylbenzylphthalate	13.37	149	353663	39.21	nq	# 76
80) Benzo(a)anthracene	13.93	228	613967	35.62	nq	100
81) 3,3'-Dichlorobenzidine	13.89	252	227330	39.08	nq	# 96
82) Chrysene	13.96	228	611176	35.64	nq	99
83) Bis(2-ethylhexyl)phthalate	13.93	149	459835	46.01	nq	# 99
84) Di-n-octyl phthalate	14.54	149	861865	49.56	nq	99
85) Indeno(1,2,3-cd)pyrene	16.77	276	470867	37.33	nq	96
87) Benzo(b)fluoranthene	14.96	252	605255	36.08	nq	99
88) Benzo(k)fluoranthene	14.99	252	593627	37.66	nq	# 94
89) Benzo(a)pyrene	15.31	252	566750	38.16	nq	98
90) Dibenzo(a,h)anthracene	16.79	278	401346	33.19	nq	98
91) Benzo(g,h,i)perylene	17.19	276	369318	29.27	nq	93

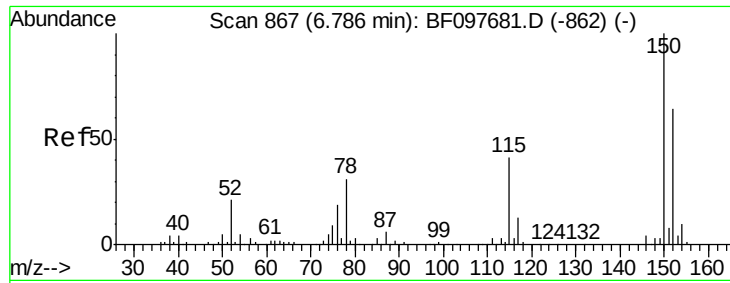
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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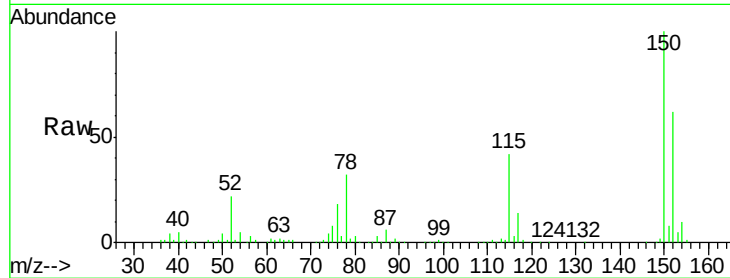


#1

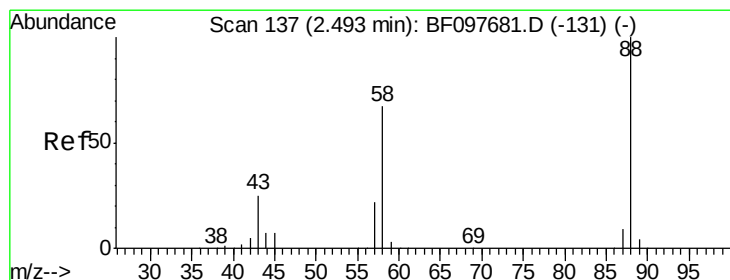
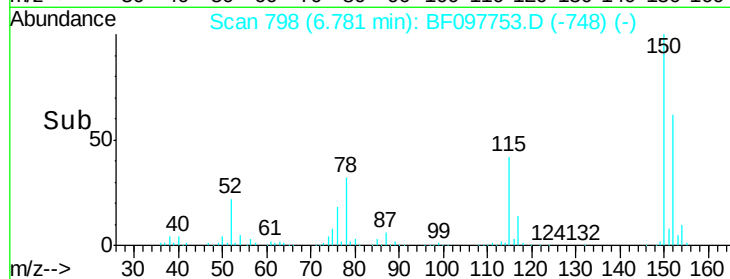
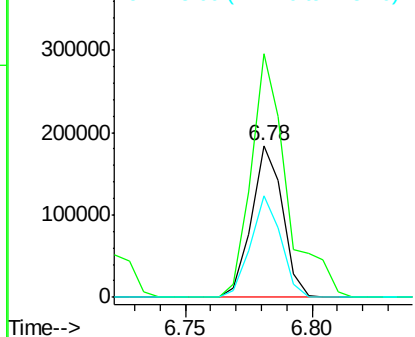
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF097753.D
Acq: 16 Aug 2017 21:57

Instrument :
BNA_F
ClientSampleId :
TP-106-JMSD

Tot Ion:152 Resp: 156907
Ion Ratio Lower Upper
152 100
150 160.3 126.2 189.2
115 67.2 52.2 78.2



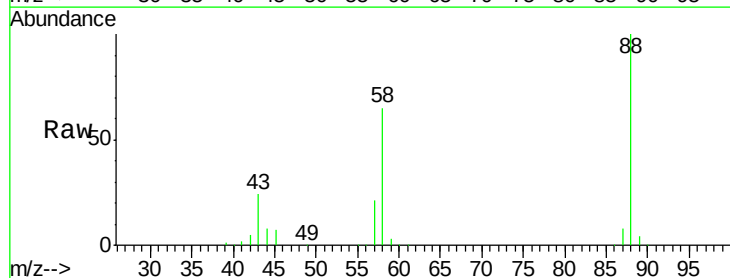
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



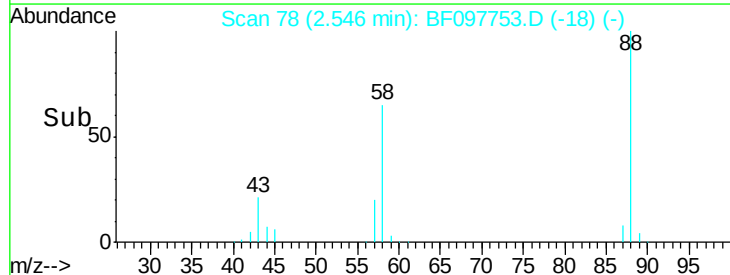
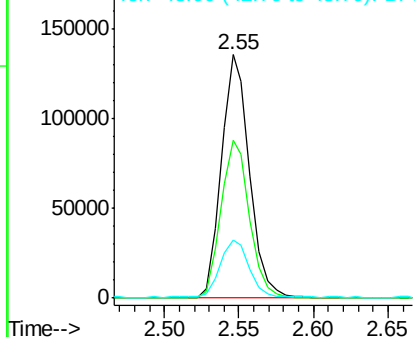
#2

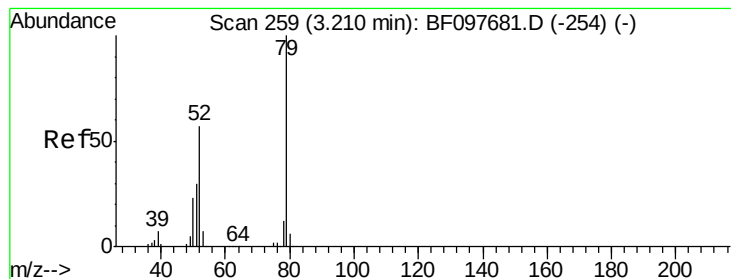
1,4-Dioxane
Concen: 31.22 ng
RT: 2.55 min Scan# 78
Delta R.T. 0.05 min
Lab File: BF097753.D
Acq: 16 Aug 2017 21:57

Tgt Ion: 88 Resp: 179592
Ion Ratio Lower Upper
88 100
58 66.1 61.4 92.0
43 24.7 23.4 35.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 31.40 ng

RT: 3.26 min Scan# 200

Delta R.T. 0.05 min

Lab File: BF097753.D

Acq: 16 Aug 2017 21:57

Instrument :

BNA_F

ClientSampleId :

TP-106-JMSD

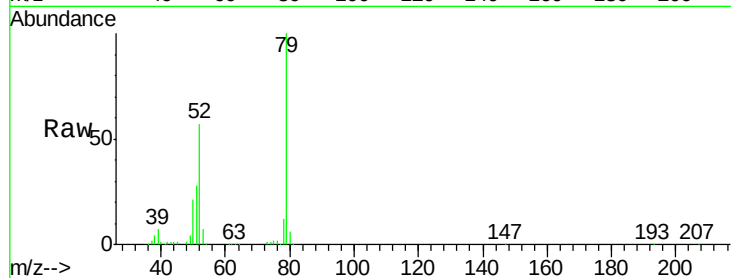
Tot Ion: 79 Resp: 499411

Ion Ratio Lower Upper

79 100

52 57.5 54.8 82.2

51 27.9 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

300000

250000

200000

150000

100000

50000

0

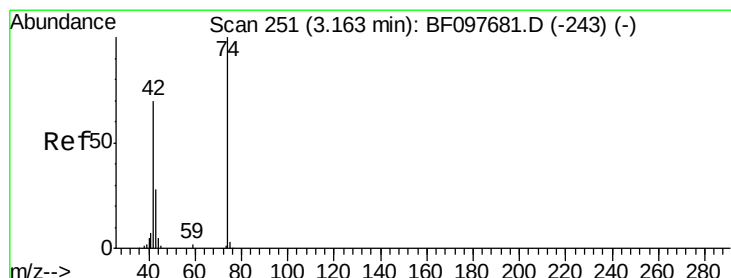
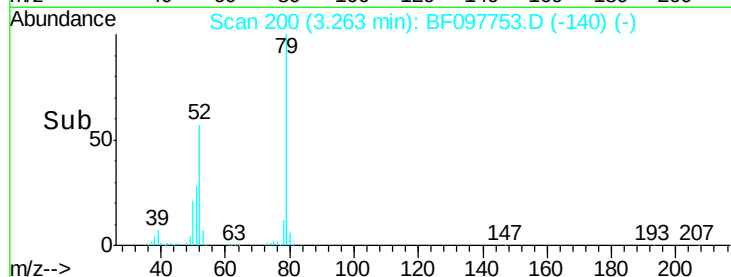
3.26

3.20

3.40

3.50

Time-->



#4

n-Nitrosodimethylamine

Concen: 33.59 ng

RT: 3.22 min Scan# 192

Delta R.T. 0.05 min

Lab File: BF097753.D

Acq: 16 Aug 2017 21:57

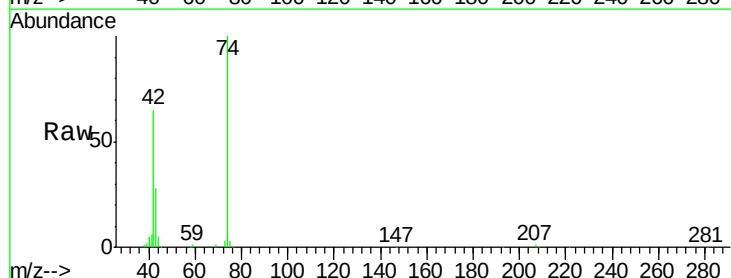
Tgt Ion: 42 Resp: 205565

Ion Ratio Lower Upper

42 100

74 154.6 103.9 155.9

44 7.8 5.7 8.5



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

200000

150000

100000

50000

0

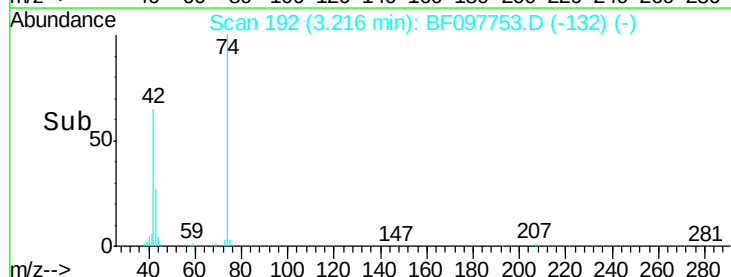
3.22

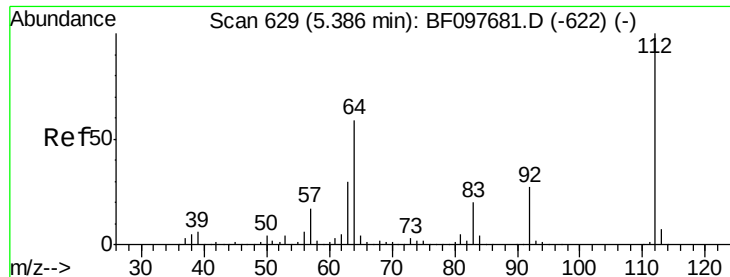
3.10

3.30

3.40

Time-->





#5

2-Fluorophenol

Concen: 113.43 ng

RT: 5.40 min Scan# 563

Delta R.T. 0.01 min

Lab File: BF097753.D

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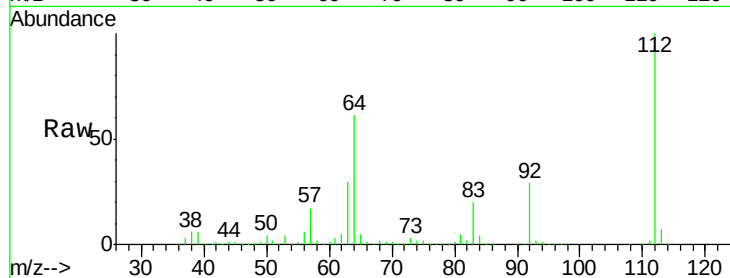
Tot Ion:112 Resp: 1170116

Ion Ratio Lower Upper

112 100

64 60.9 46.0 69.0

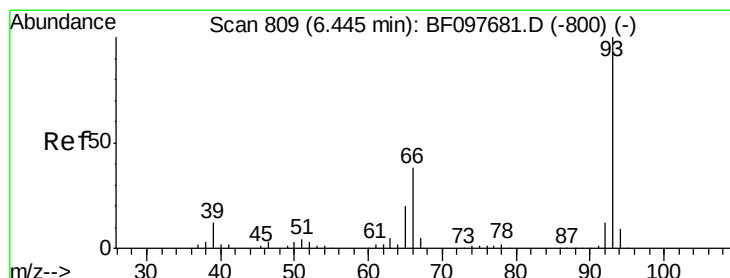
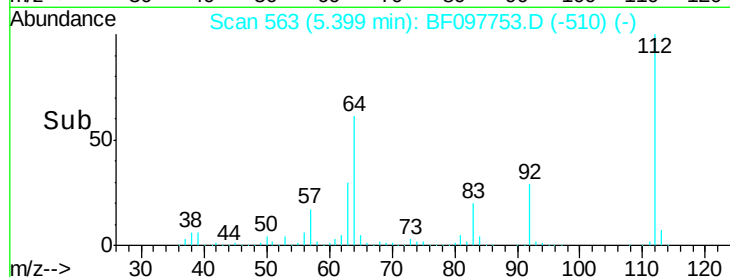
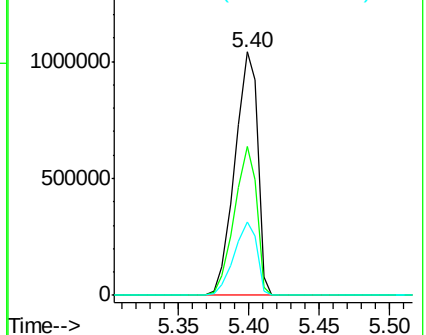
63 30.1 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 26.66 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF097753.D

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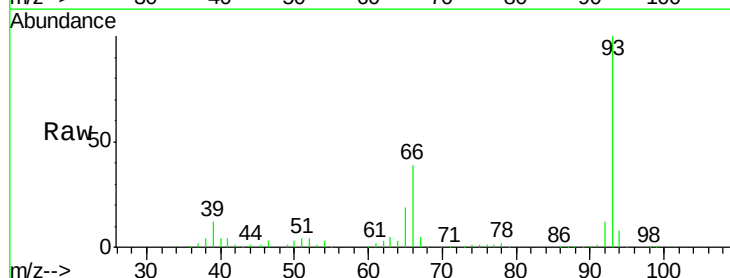
Tgt Ion: 93 Resp: 524895

Ion Ratio Lower Upper

93 100

66 39.4 32.9 49.3

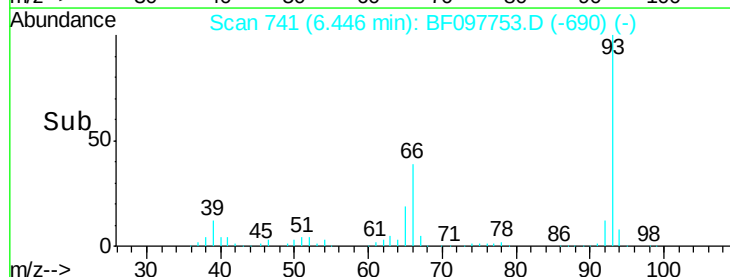
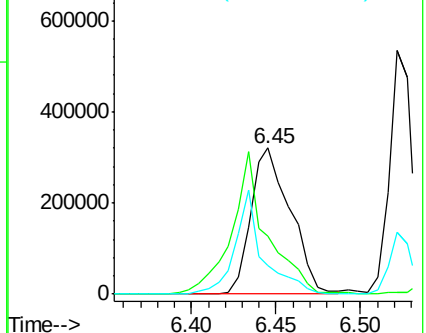
65 19.4 16.0 24.0

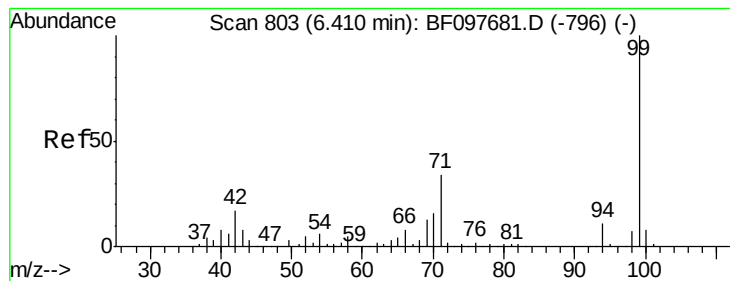


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 113.42 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF097753.D

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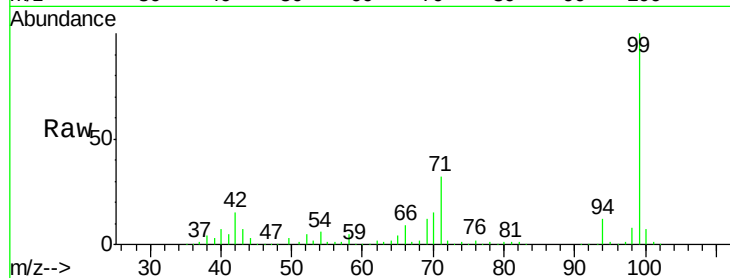
Tot Ion: 99 Resp: 1589655

Ion Ratio Lower Upper

99 100

42 14.7 13.5 20.3

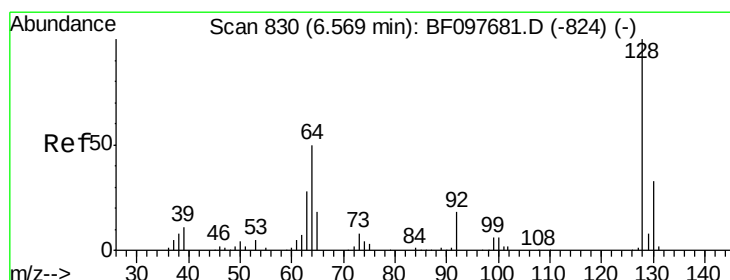
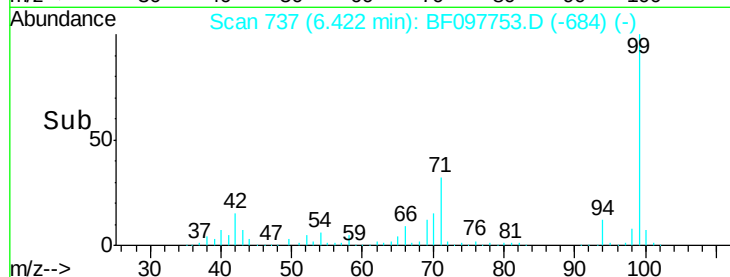
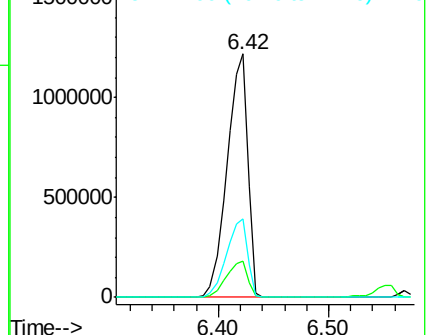
71 32.4 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 37.31 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF097753.D

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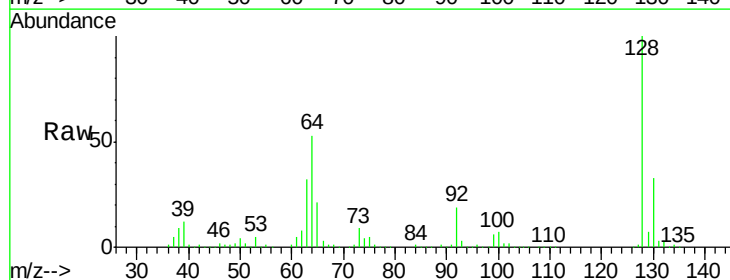
Tgt Ion: 128 Resp: 405928

Ion Ratio Lower Upper

128 100

130 33.2 12.9 52.9

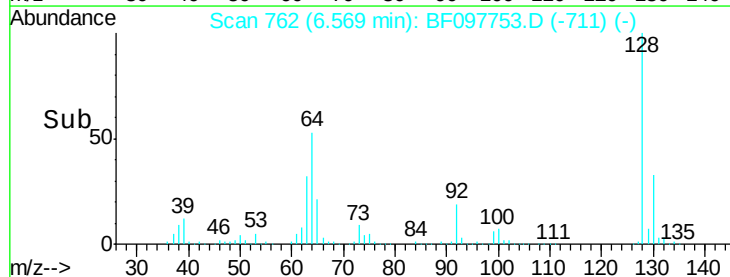
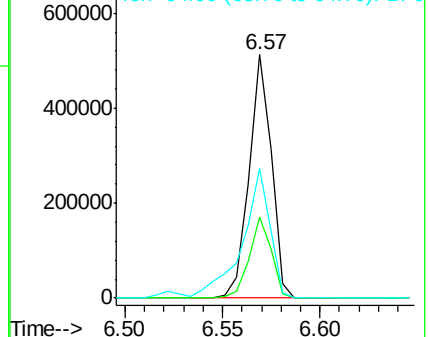
64 53.1 28.4 68.4

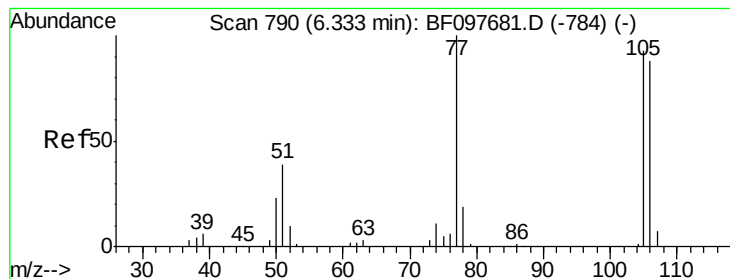


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 18.41 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

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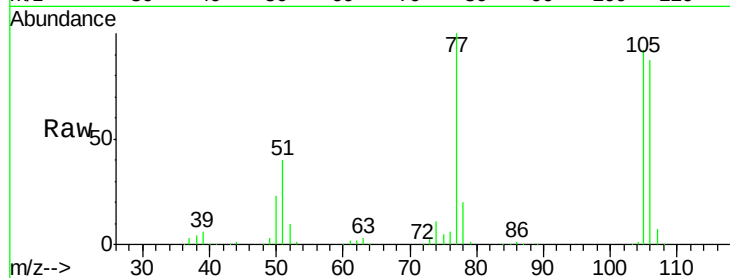
Tot Ion: 77 Resp: 163446

Ion Ratio Lower Upper

77 100

105 92.0 83.8 123.8

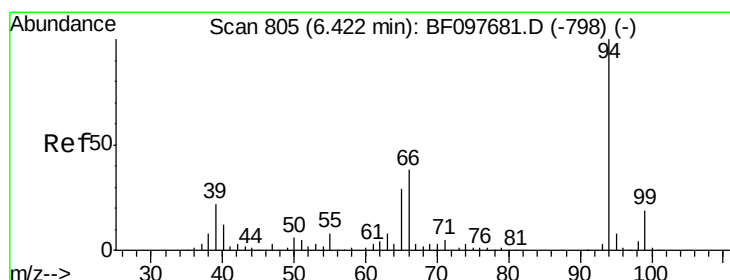
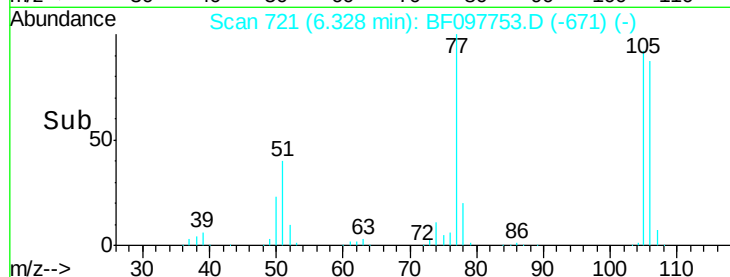
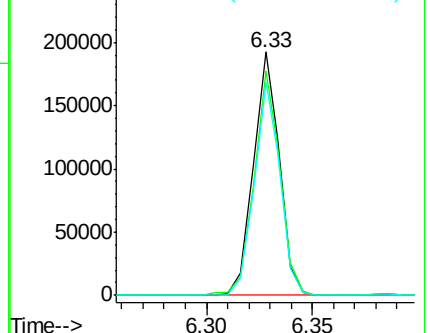
106 87.4 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 36.33 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF097753.D

Acq: 16 Aug 2017 21:57

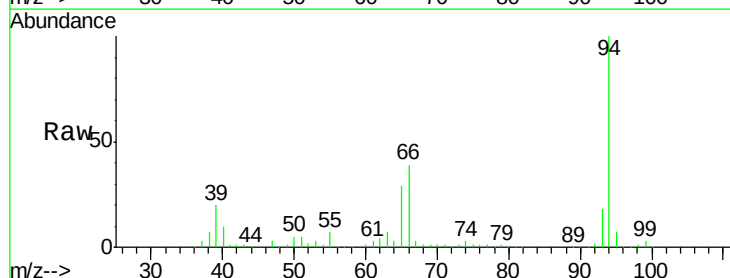
Tgt Ion: 94 Resp: 595466

Ion Ratio Lower Upper

94 100

65 28.9 9.9 49.9

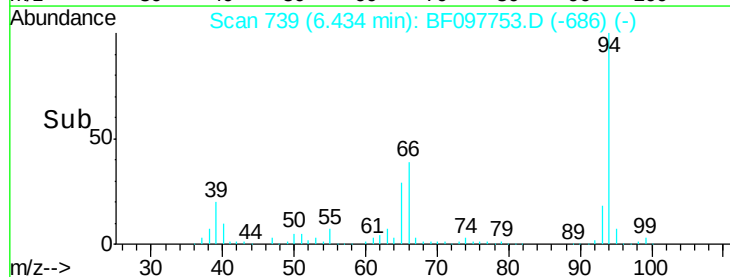
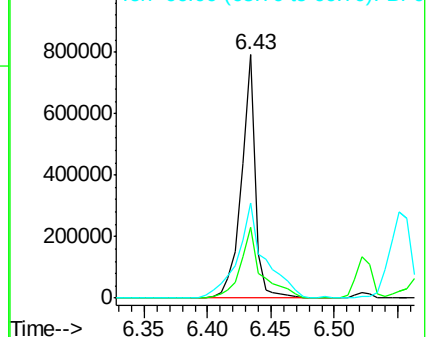
66 39.3 23.1 63.1

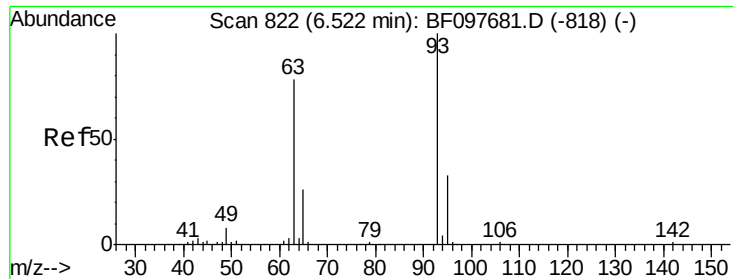


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

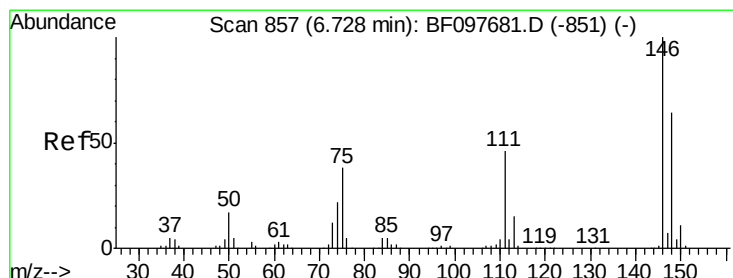
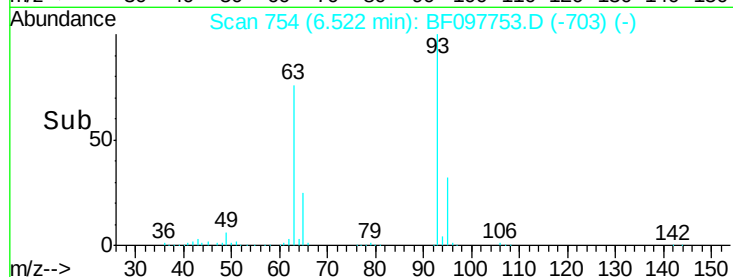
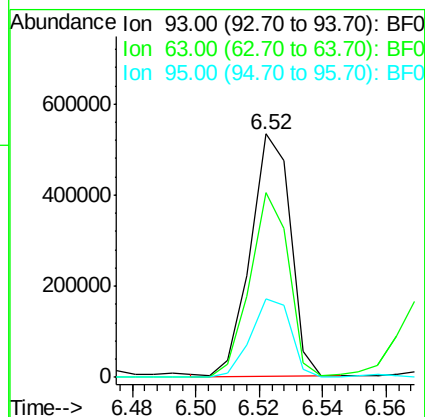
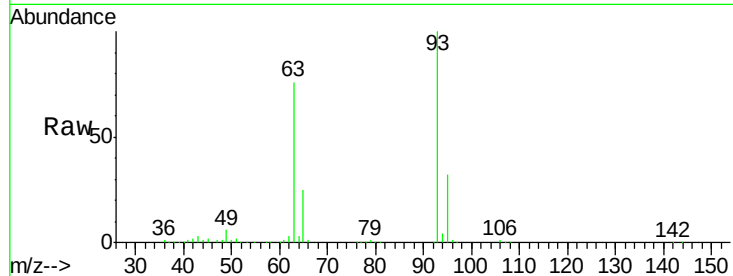




#11
bis(2-Chloroethyl)ether
Concen: 37.60 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF097753.D
Acq: 16 Aug 2017 21:57

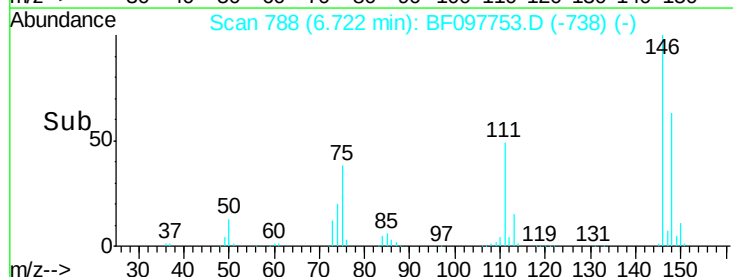
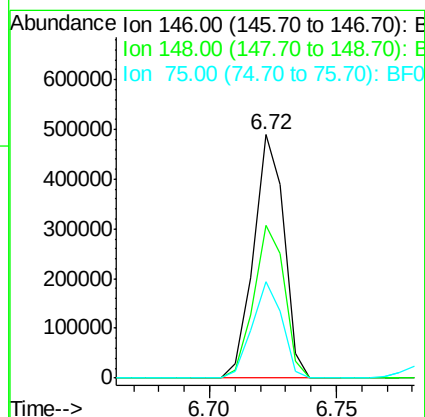
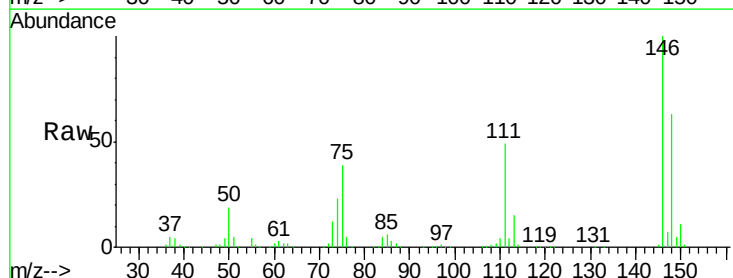
Instrument :
BNA_F
ClientSampleId :
TP-106-JMSD

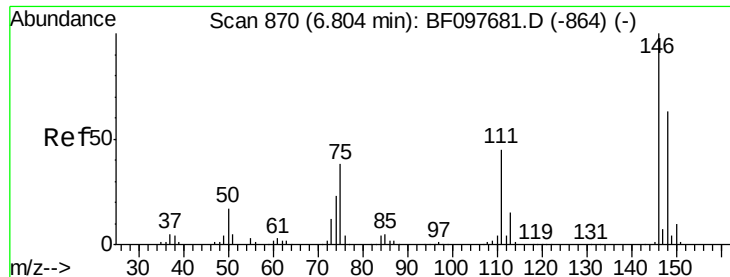
Tot Ion: 93 Resp: 465136
Ion Ratio Lower Upper
93 100
63 75.7 59.2 99.2
95 32.1 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 35.08 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF097753.D
Acq: 16 Aug 2017 21:57

Tgt Ion: 146 Resp: 410468
Ion Ratio Lower Upper
146 100
148 62.6 51.8 77.6
75 39.4 23.1 34.7#

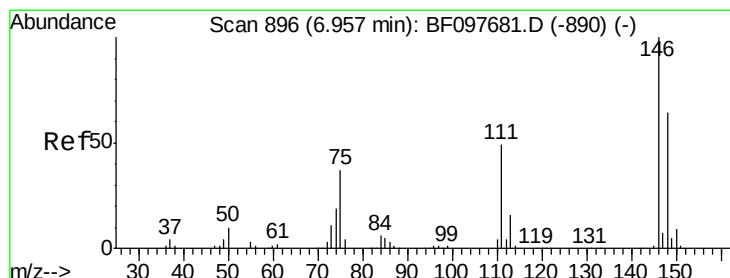
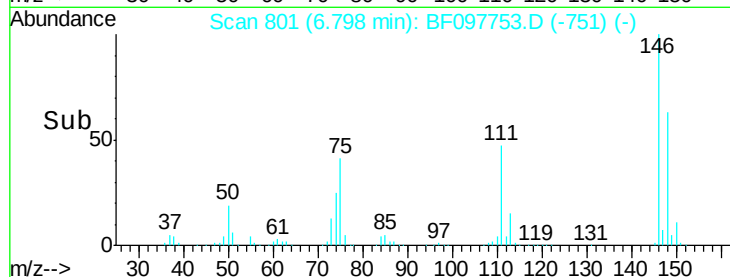
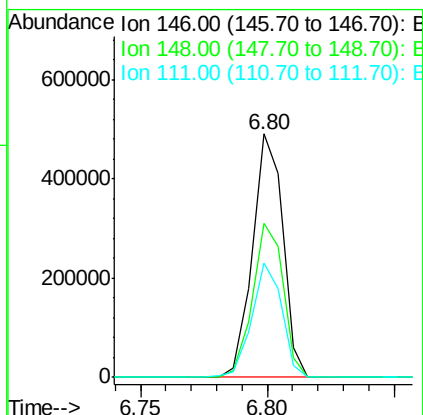
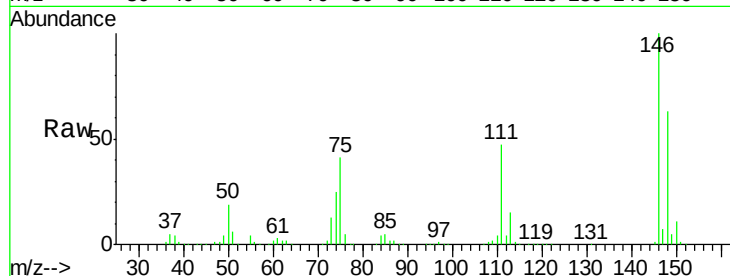




#13
 1,4-Dichlorobenzene
 Concen: 34.56 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF097753.D
 Acq: 16 Aug 2017 21:57

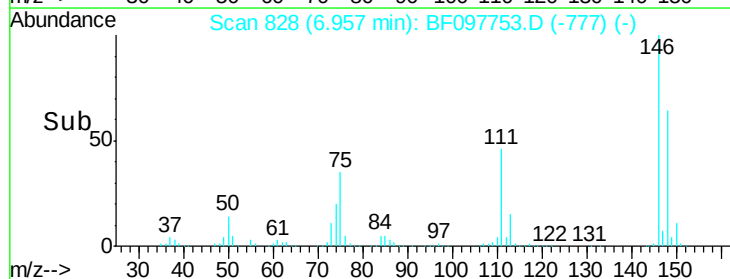
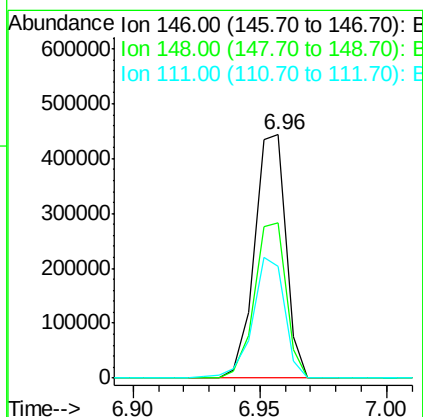
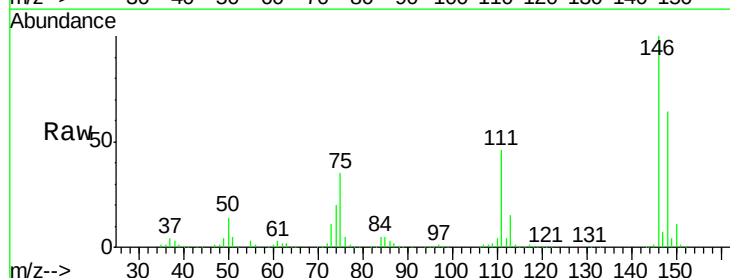
Instrument :
 BNA_F
 ClientSampleId :
 TP-106-JMSD

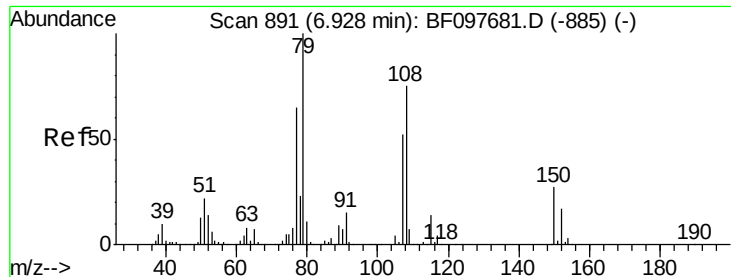
Tot Ion:146 Resp: 411295
 Ion Ratio Lower Upper
 146 100
 148 63.2 52.2 78.2
 111 47.1 30.3 45.5#



#14
 1,2-Dichlorobenzene
 Concen: 35.17 ng
 RT: 6.96 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF097753.D
 Acq: 16 Aug 2017 21:57

Tgt Ion:146 Resp: 385901
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.4 75.6
 111 46.1 38.2 57.4





#15

Benzyl Alcohol

Concen: 39.31 ng

RT: 6.93 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF097753.D

Acq: 16 Aug 2017 21:57

Instrument :

BNA_F

ClientSampleId :

TP-106-JMSD

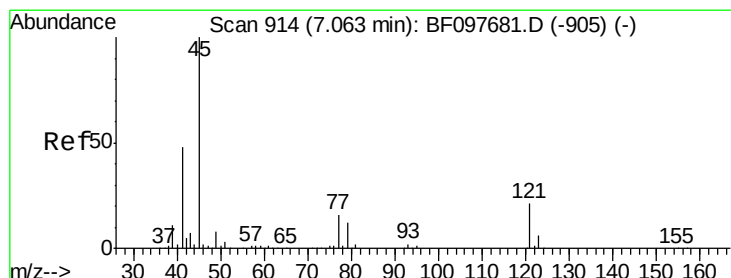
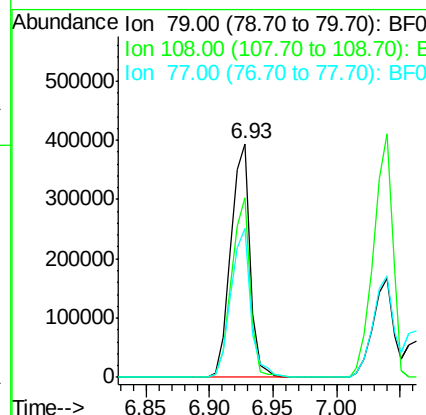
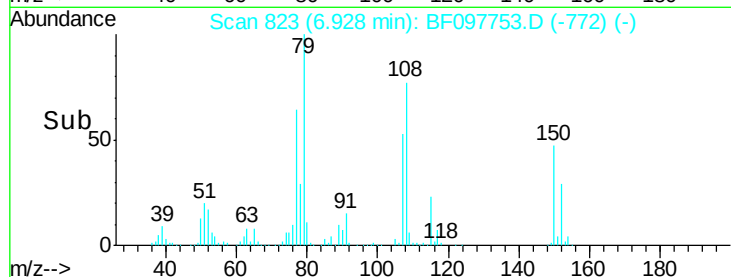
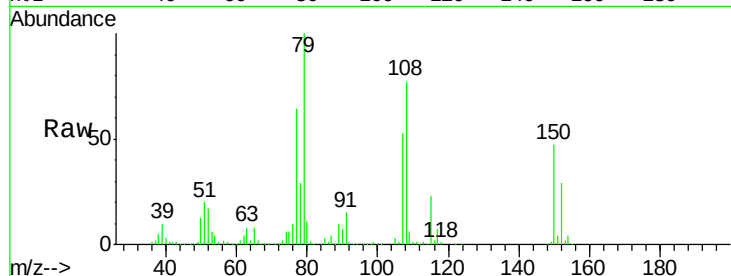
Tot Ion: 79 Resp: 412537

Ion Ratio Lower Upper

79 100

108 76.6 63.4 95.0

77 63.6 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.77 ng

RT: 7.06 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF097753.D

Acq: 16 Aug 2017 21:57

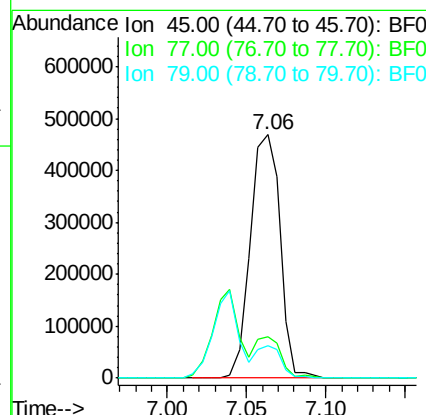
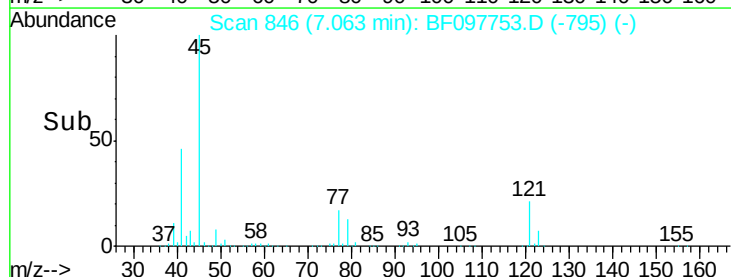
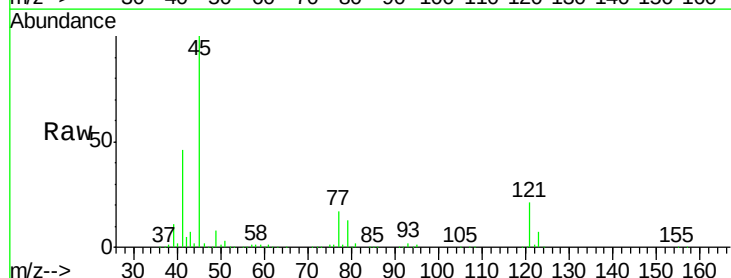
Tgt Ion: 45 Resp: 612030

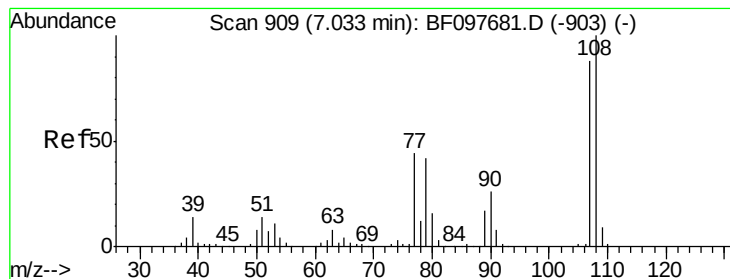
Ion Ratio Lower Upper

45 100

77 16.9 0.0 33.2

79 13.1 0.0 30.0

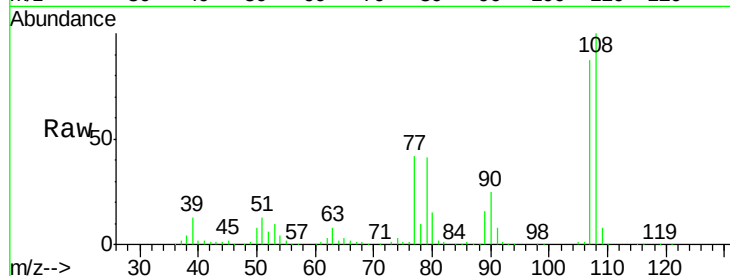




#17
2-Methylphenol
Concen: 38.88 ng
RT: 7.04 min Scan# 842
Delta R.T. 0.01 min
Lab File: BF097753.D
Acq: 16 Aug 2017 21:57

Instrument :
BNA_F
ClientSampleId :
TP-106-JMSD

Tot Ion:	107	Resp:	372747
Ion	Ratio	Lower	Upper
107	100		
108	114.4	93.4	140.0
77	47.8	35.8	53.6
79	46.7	34.8	52.2



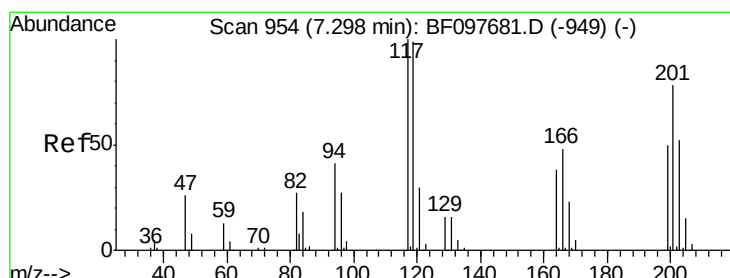
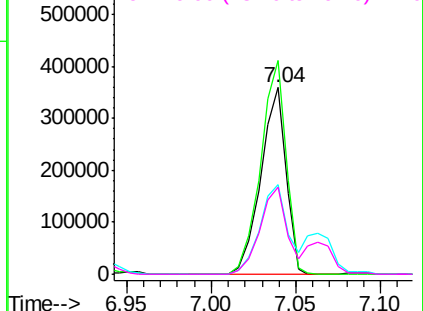
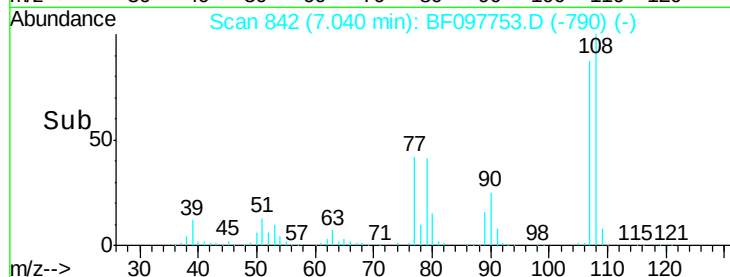
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

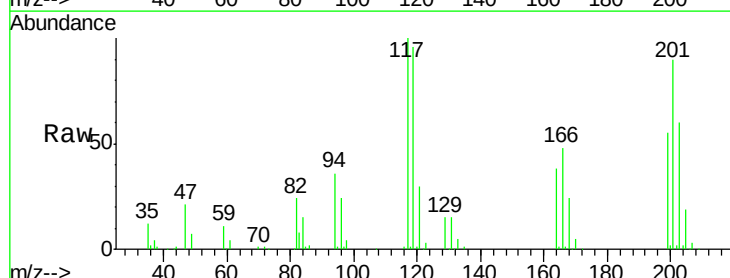
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 32.45 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF097753.D
Acq: 16 Aug 2017 21:57

Tgt Ion:	117	Resp:	151401
Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.4	116.0
201	89.5	94.6	141.8#

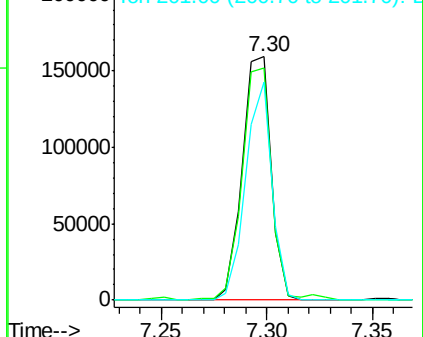
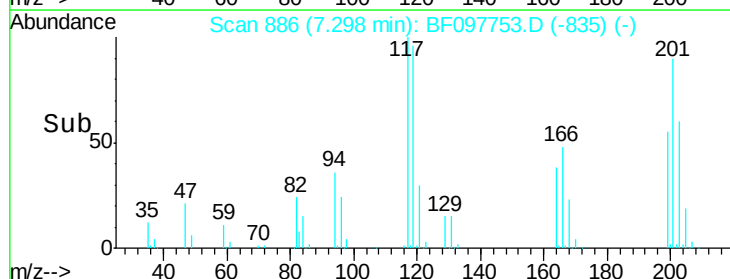


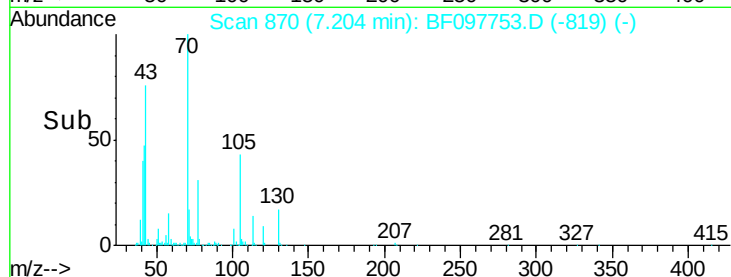
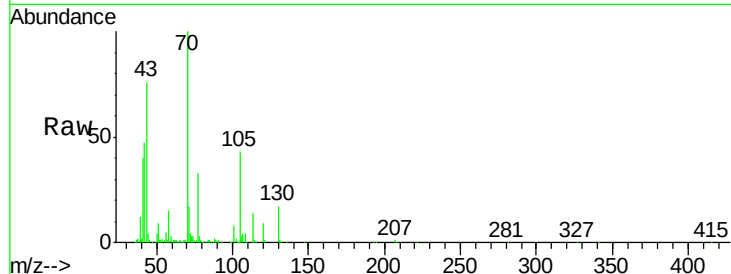
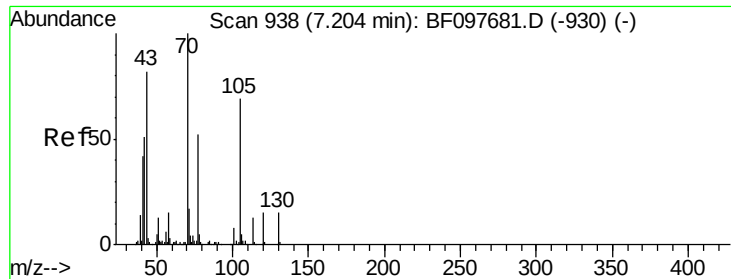
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

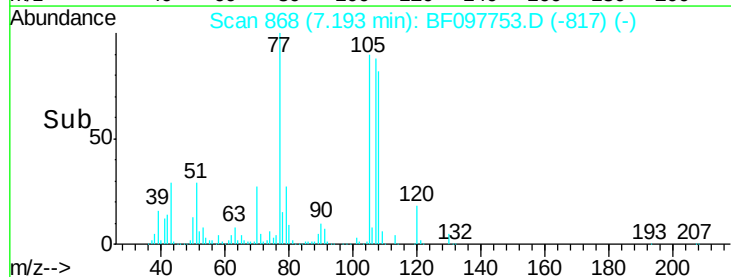
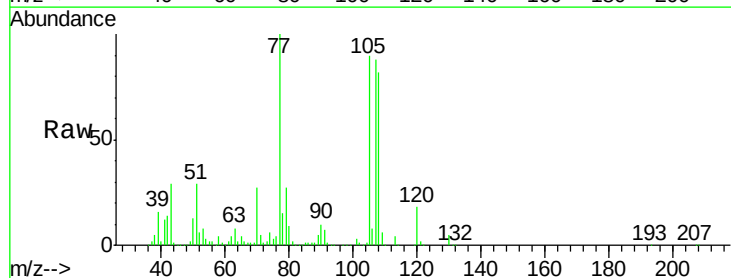
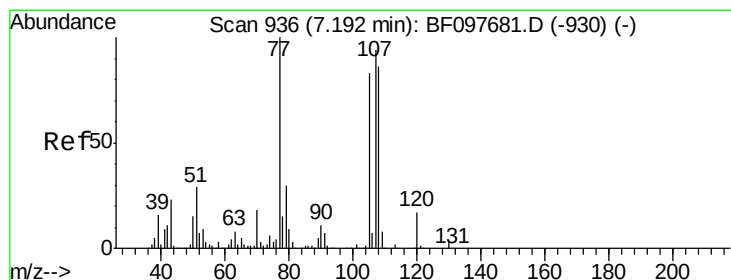
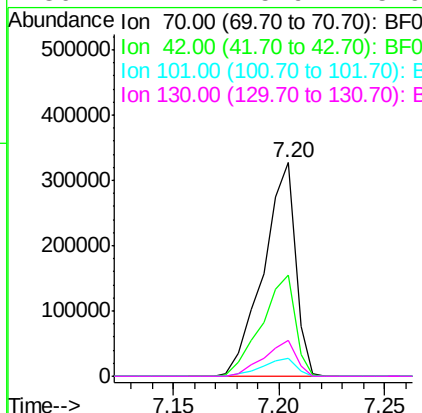




#19
n-Nitroso-di-n-propylamine
Concen: 36.11 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF097753.D
Acq: 16 Aug 2017 21:57

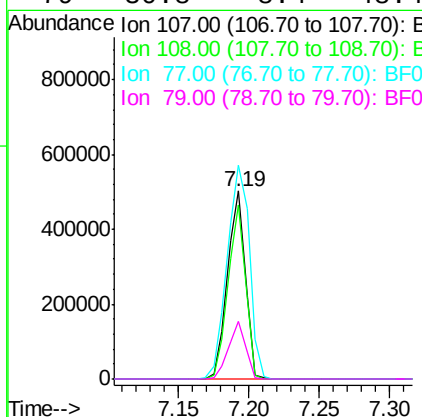
Instrument :
BNA_F
ClientSampleId :
TP-106-JMSD

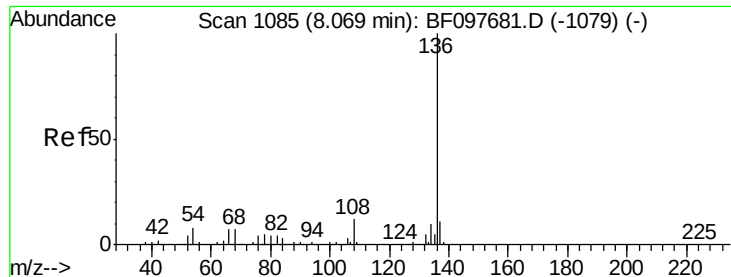
Tot Ion:	70	Resp:	346430
Ion	Ratio	Lower	Upper
70	100		
42	47.2	47.2	70.8
101	8.5	7.2	10.8
130	17.1	15.9	23.9



#20
3+4-Methylphenols
Concen: 37.78 ng
RT: 7.19 min Scan# 868
Delta R.T. 0.00 min
Lab File: BF097753.D
Acq: 16 Aug 2017 21:57

Tgt Ion:	107	Resp:	442348
Ion	Ratio	Lower	Upper
107	100		
108	93.0	71.0	111.0
77	113.8	90.5	130.5
79	30.8	8.4	48.4

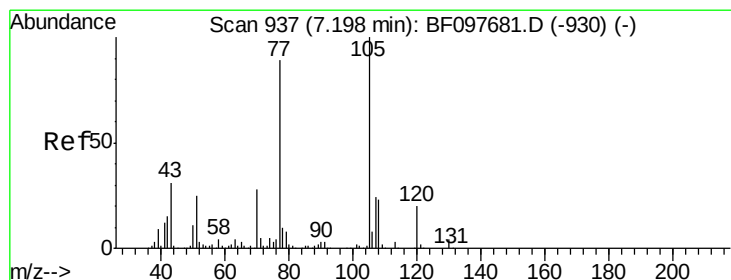
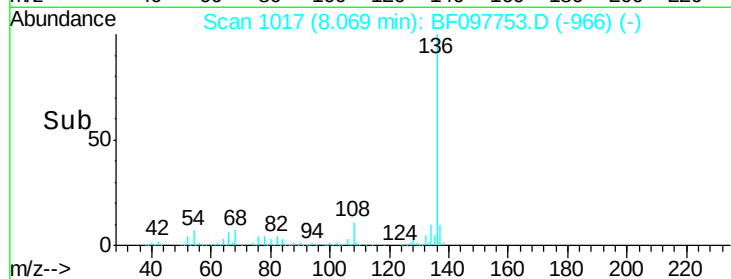
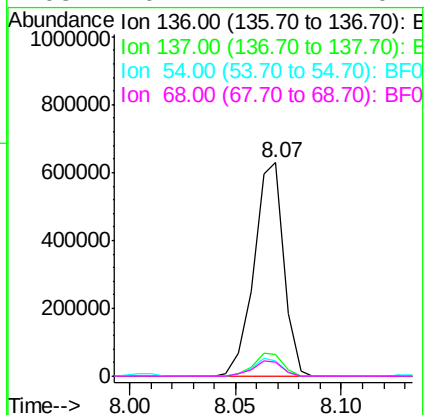
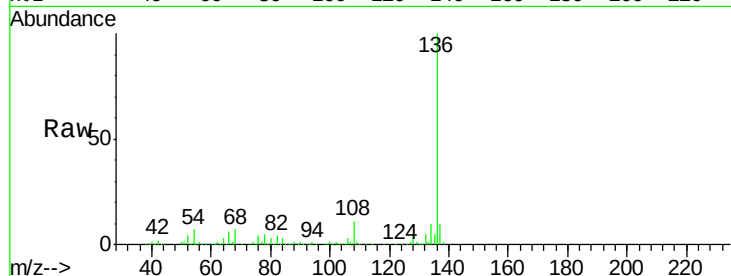




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF097753.D
Acq: 16 Aug 2017 21:57

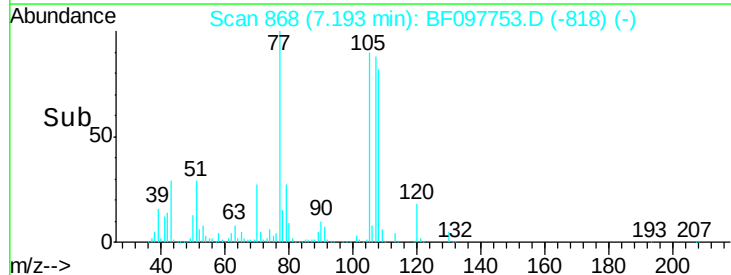
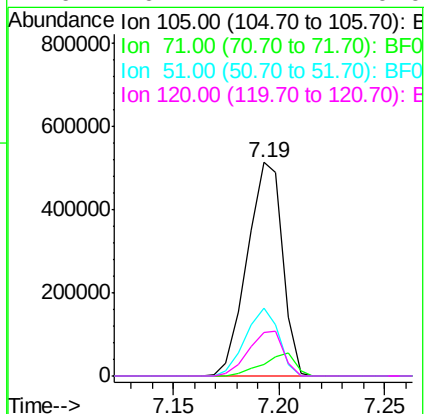
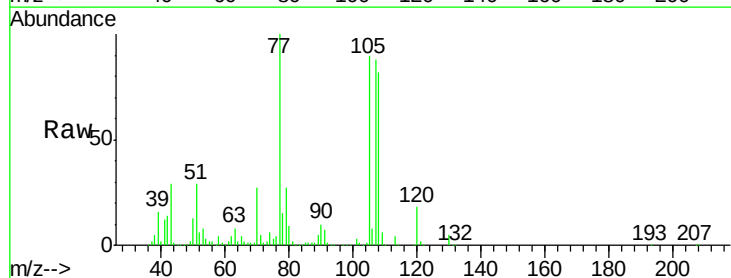
Instrument :
BNA_F
ClientSampleId :
TP-106-JMSD

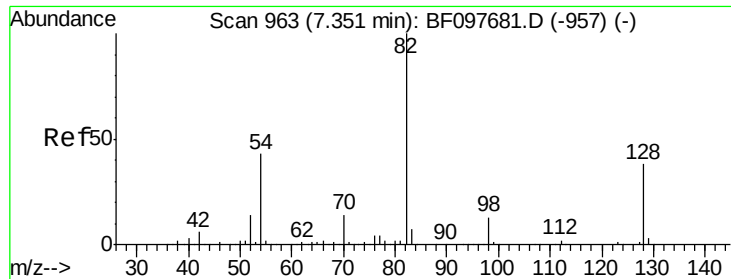
Tot Ion:136	Resp: 616647
Ion Ratio	Lower Upper
136 100	
137 10.5	8.5 12.7
54 7.1	4.9 7.3
68 6.7	4.1 6.1#



#22
Acetophenone
Concen: 36.70 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF097753.D
Acq: 16 Aug 2017 21:57

Tgt	Ion:105	Resp:	597920
Ion	Ratio	Lower	Upper
105	100		
71	5.4	2.8	4.2#
51	31.7	30.7	46.1
120	20.4	17.4	26.0

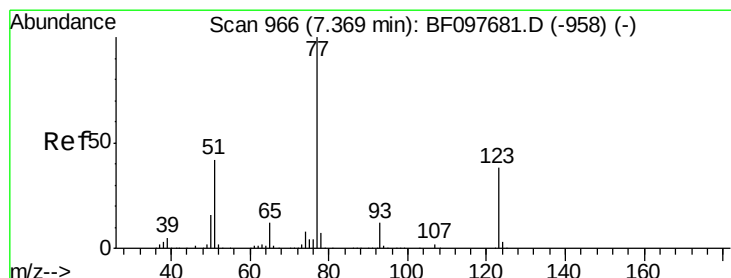
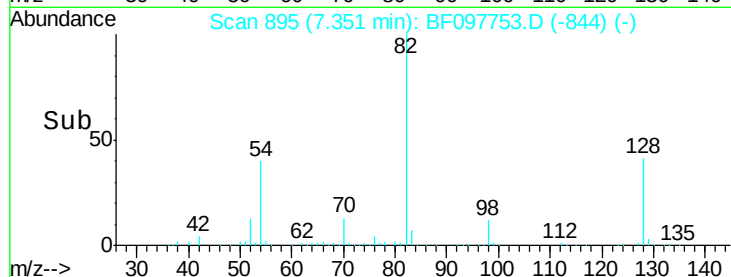
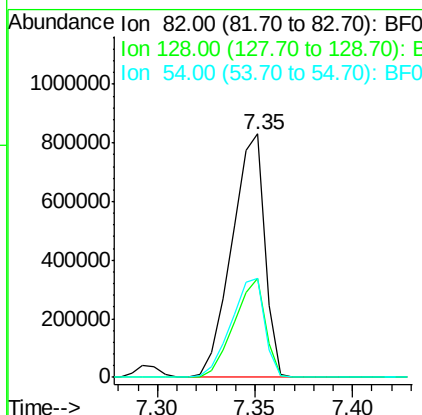
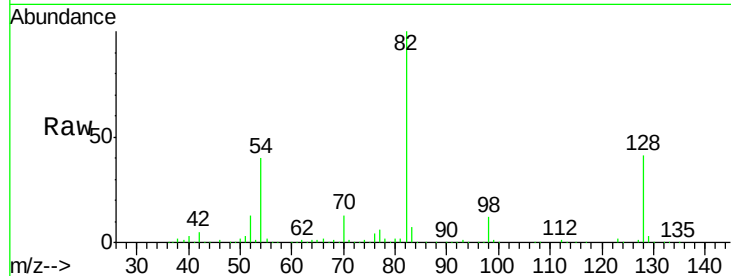




#23
 Nitrobenzene-d5
 Concen: 85.19 ng
 RT: 7.35 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BF097753.D
 Acq: 16 Aug 2017 21:57

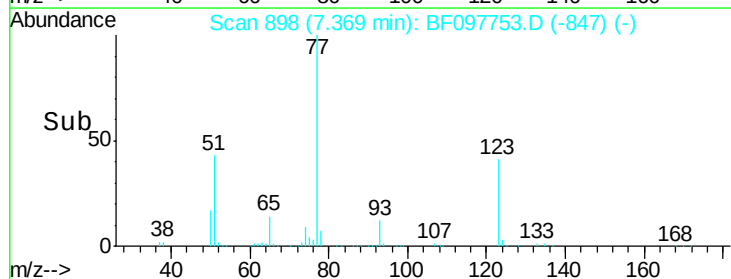
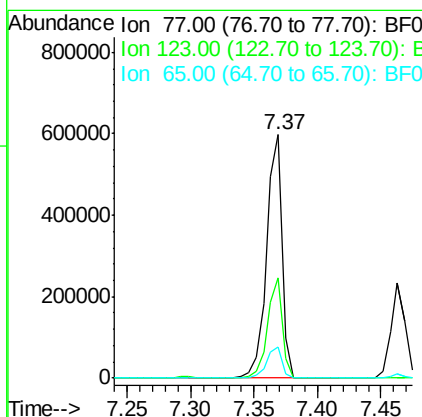
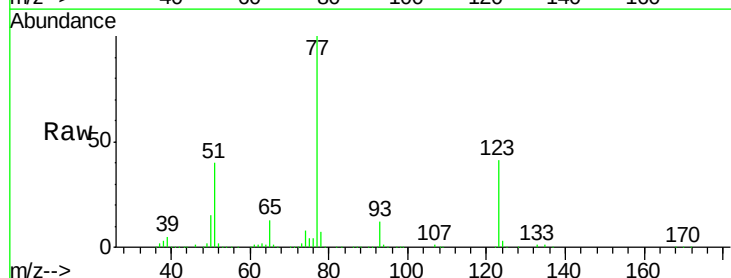
Instrument :
 BNA_F
 ClientSampleId :
 TP-106-JMSD

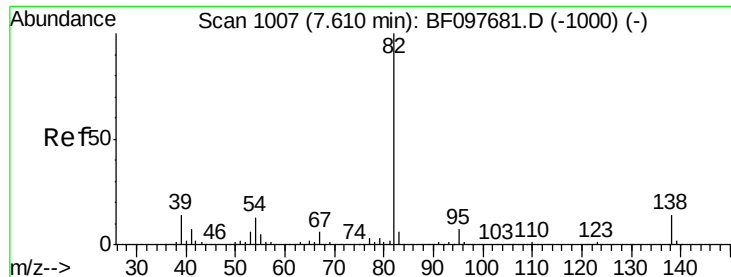
Tot Ion	82	Resp	966968
Ion Ratio	100		
Lower			
Upper			
82	100		
128	40.6	34.0	51.0
54	40.4	42.2	63.2#



#24
 Nitrobenzene
 Concen: 40.42 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BF097753.D
 Acq: 16 Aug 2017 21:57

Tgt Ion	77	Resp	510840
Ion Ratio	100		
Lower			
Upper			
77	100		
123	41.0	35.8	53.8
65	12.5	10.6	15.8





#25

Isophorone

Concen: 39.25 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF097753.D

Acq: 16 Aug 2017 21:57

Instrument :

BNA_F

ClientSampleId :

TP-106-JMSD

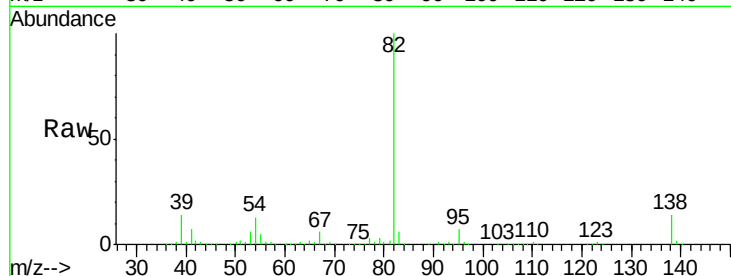
Tot Ion: 82 Resp: 926325

Ion Ratio Lower Upper

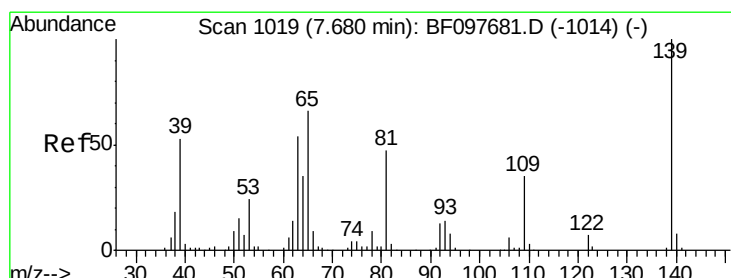
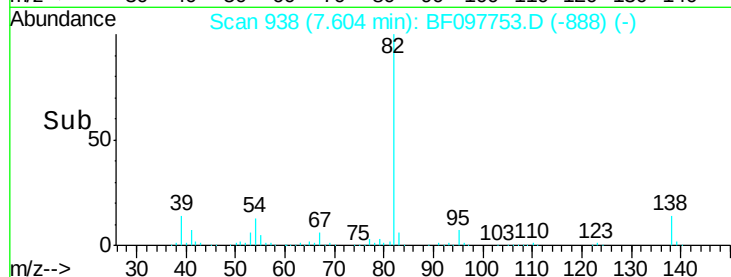
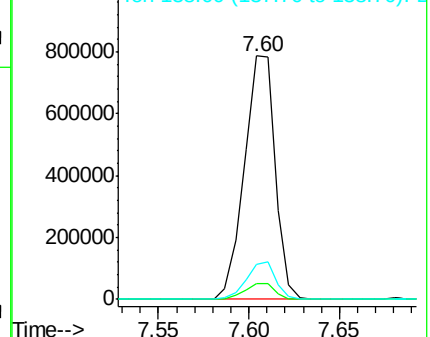
82 100

95 6.7 5.3 7.9

138 14.4 13.1 19.7



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



#26

2-Nitrophenol

Concen: 42.92 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF097753.D

Acq: 16 Aug 2017 21:57

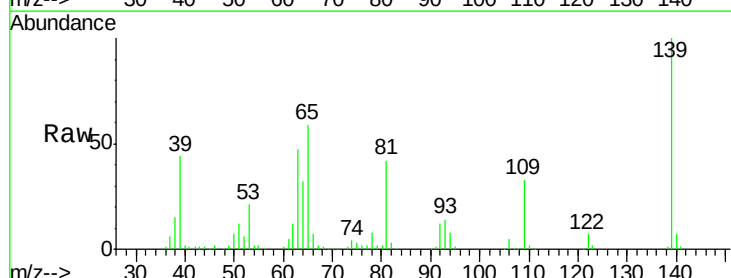
Tgt Ion: 139 Resp: 193645

Ion Ratio Lower Upper

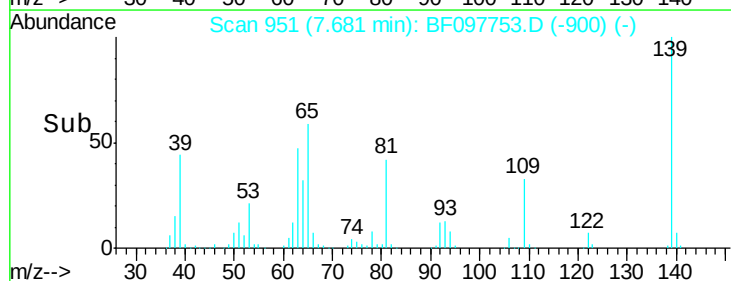
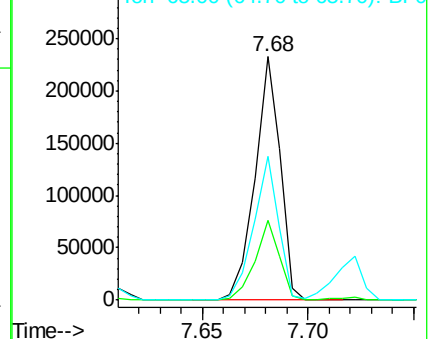
139 100

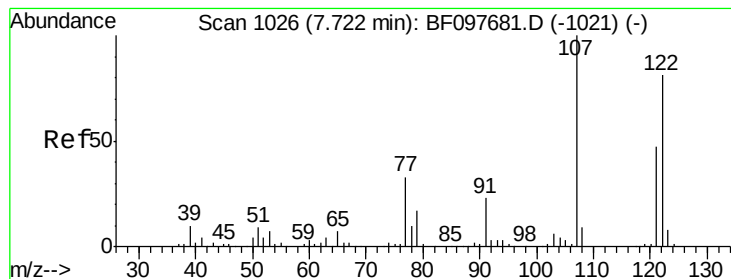
109 32.7 21.0 31.6#

65 59.3 33.0 49.6#



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





#27

2,4-Dimethylphenol

Concen: 36.42 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF097753.D

Acq: 16 Aug 2017 21:57

Instrument :

BNA_F

ClientSampleId :

TP-106-JMSD

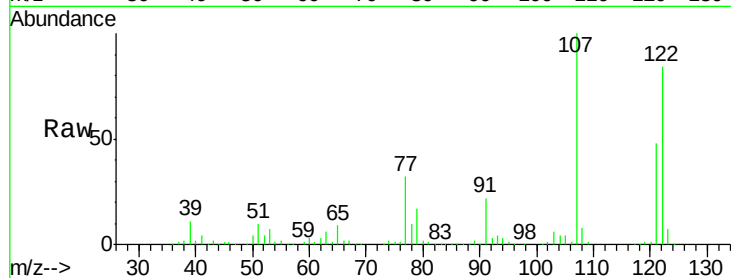
Tot Ion: 122 Resp: 358554

Ion Ratio Lower Upper

122 100

107 118.9 89.2 133.8

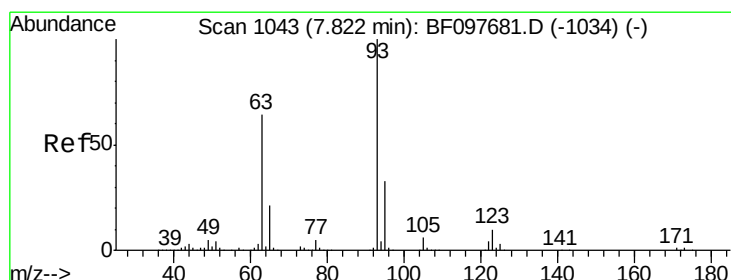
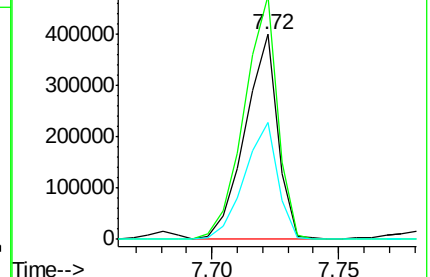
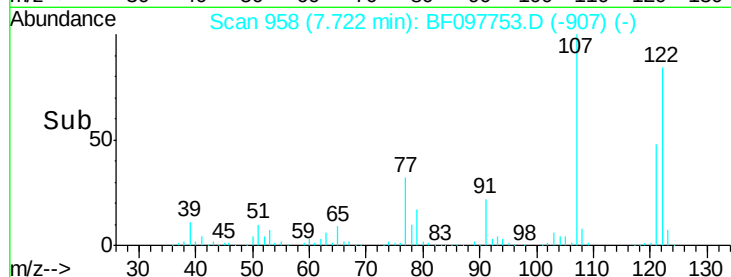
121 57.2 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.60 ng

RT: 7.82 min Scan# 975

Delta R.T. 0.00 min

Lab File: BF097753.D

Acq: 16 Aug 2017 21:57

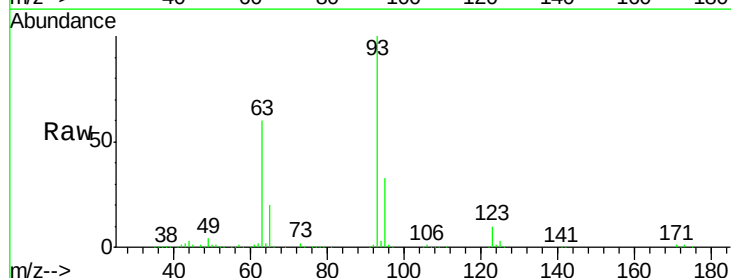
Tgt Ion: 93 Resp: 598978

Ion Ratio Lower Upper

93 100

95 33.3 26.5 39.7

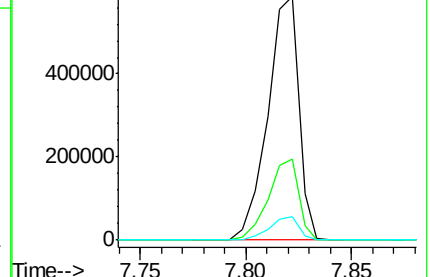
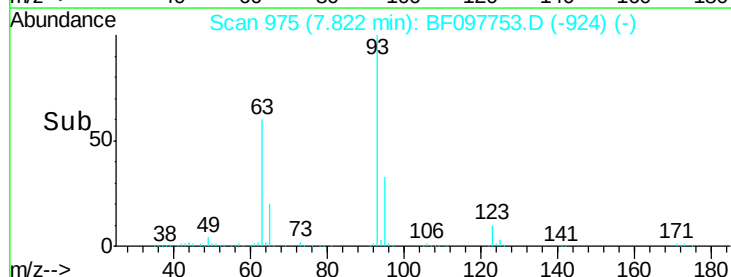
123 9.9 9.0 13.4

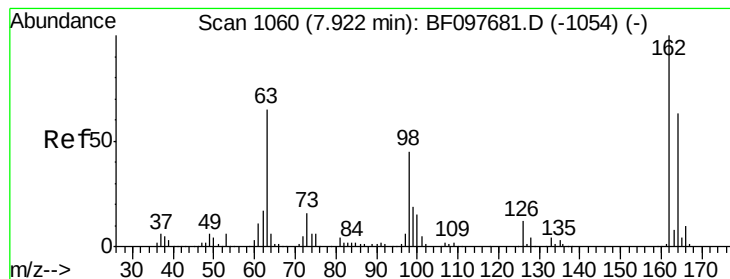


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 38.84 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.00 min

Lab File: BF097753.D

Acq: 16 Aug 2017 21:57

Instrument :

BNA_F

ClientSampleId :

TP-106-JMSD

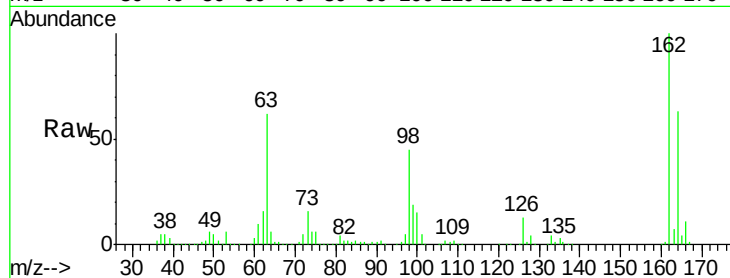
Tot Ion:162 Resp: 317400

Ion Ratio Lower Upper

162 100

164 63.2 44.6 84.6

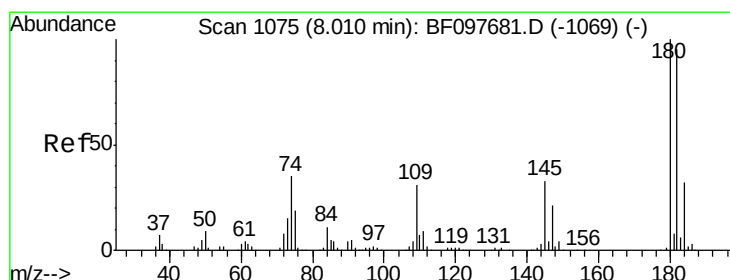
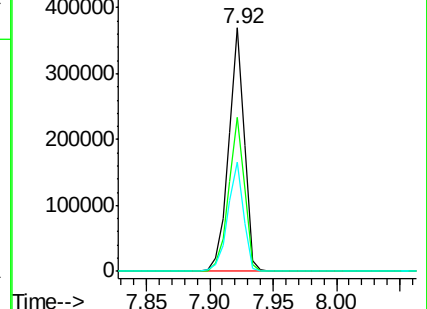
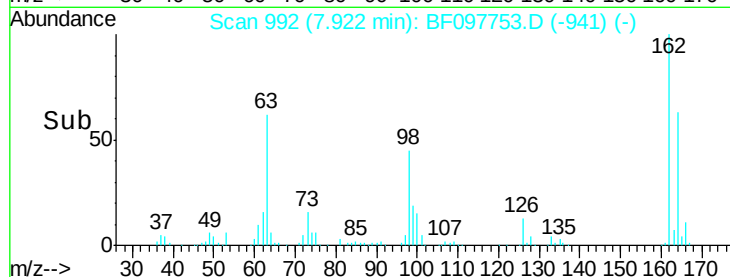
98 44.9 14.8 54.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 35.81 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BF097753.D

Acq: 16 Aug 2017 21:57

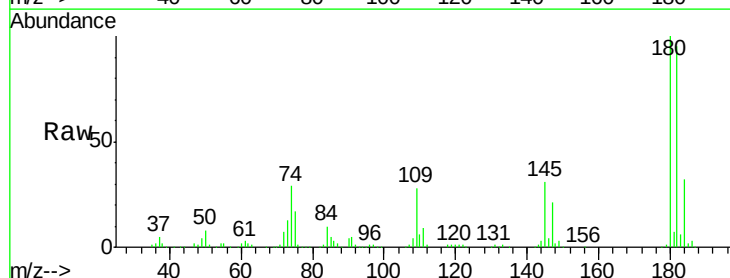
Tgt Ion:180 Resp: 324417

Ion Ratio Lower Upper

180 100

182 95.1 75.8 113.6

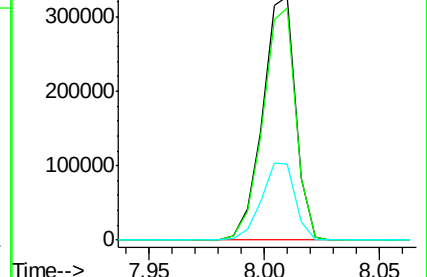
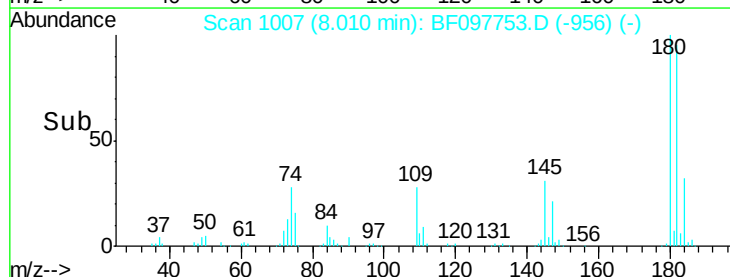
145 31.4 25.3 37.9

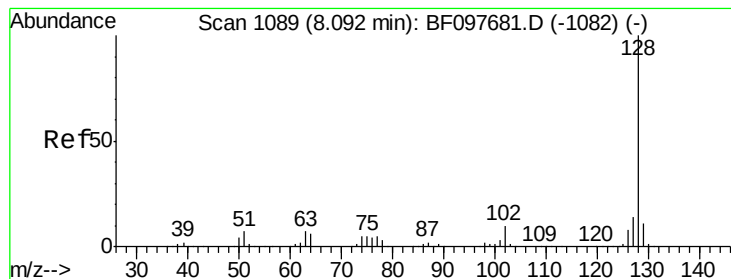


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.39 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF097753.D

Acq: 16 Aug 2017 21:57

Instrument :

BNA_F

ClientSampleId :

TP-106-JMSD

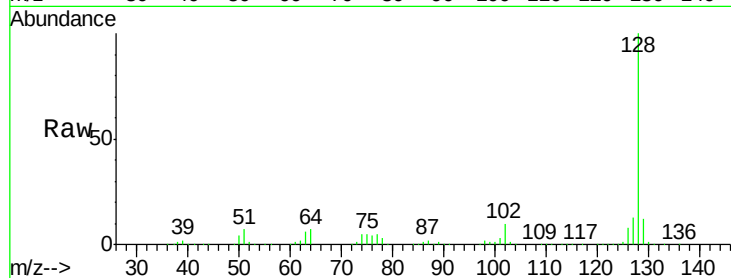
Tot Ion:128 Resp: 1164806

Ion Ratio Lower Upper

128 100

129 11.7 9.0 13.6

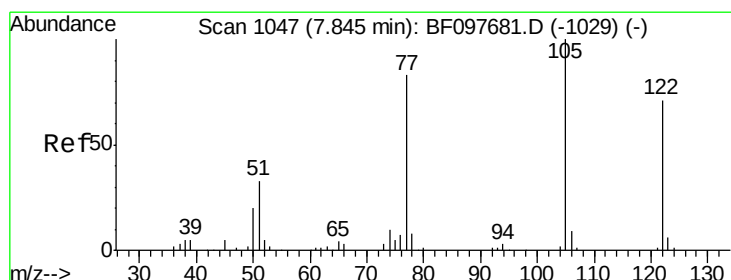
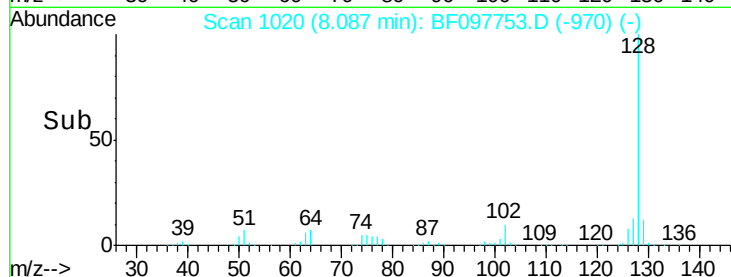
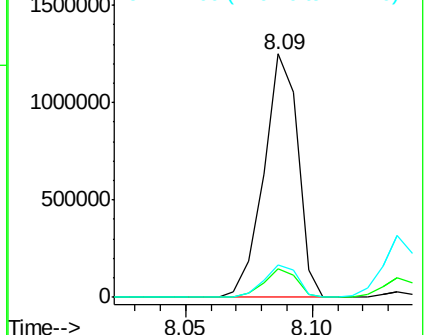
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 9.36 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.06 min

Lab File: BF097753.D

Acq: 16 Aug 2017 21:57

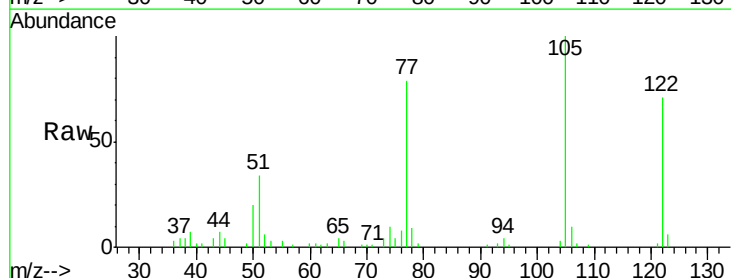
Tgt Ion:122 Resp: 24460

Ion Ratio Lower Upper

122 100

105 141.4 103.3 143.3

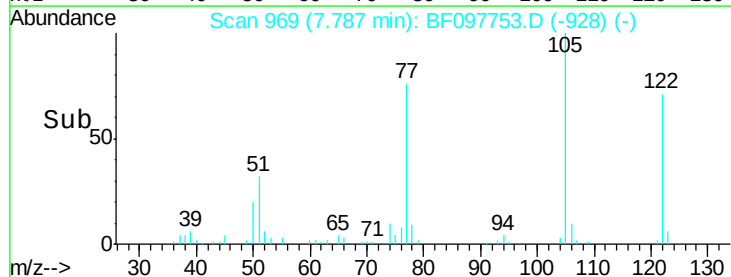
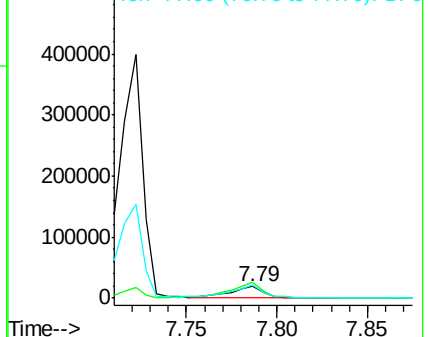
77 112.0 73.7 113.7

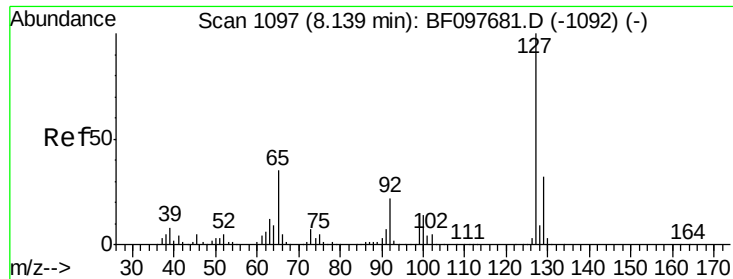


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

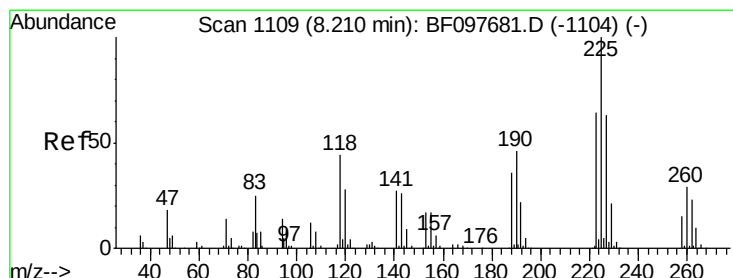
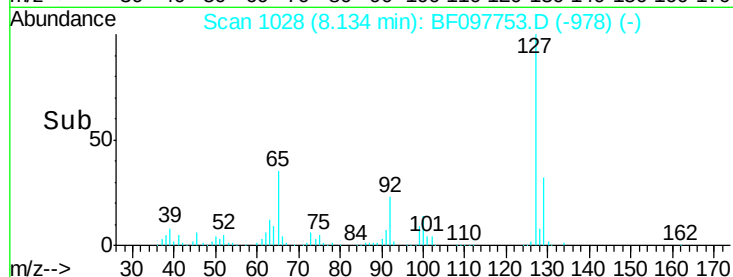
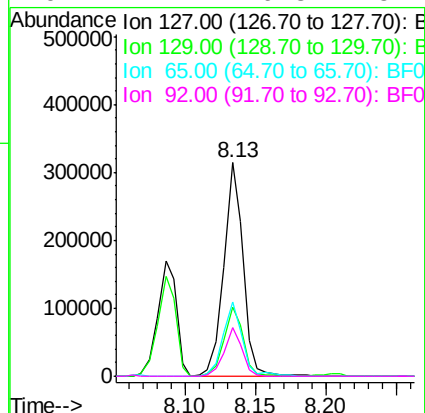
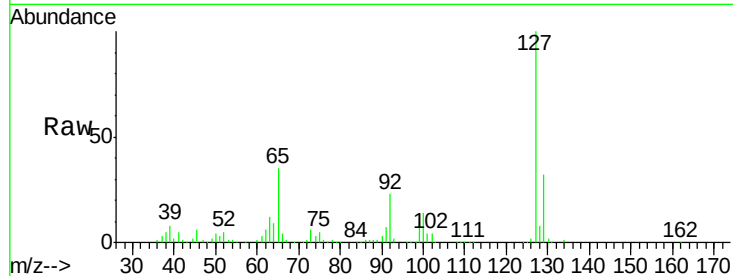




#33
4-Chloroaniline
Concen: 22.02 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF097753.D
Acq: 16 Aug 2017 21:57

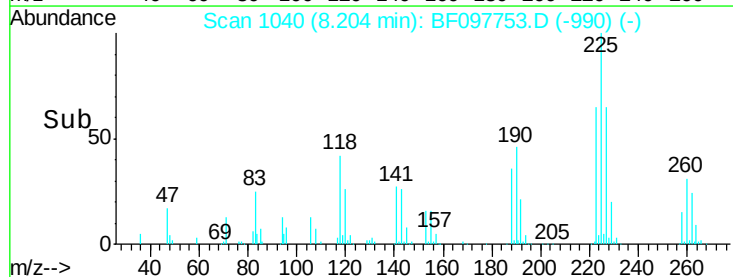
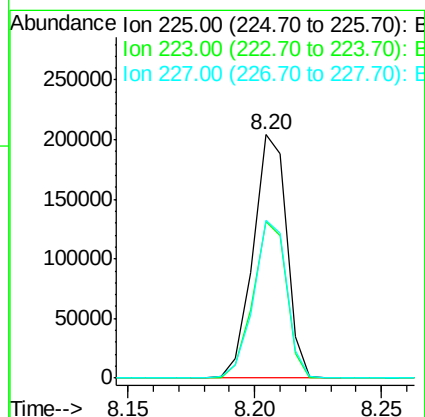
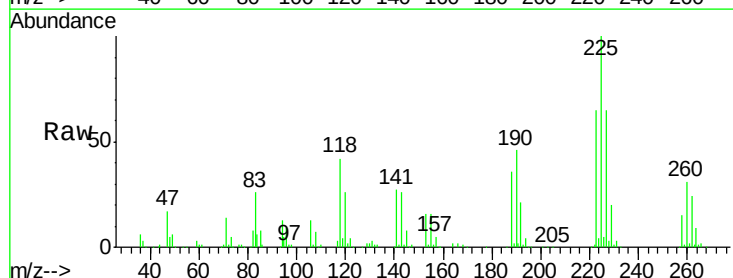
Instrument :
BNA_F
ClientSampleId :
TP-106-JMSD

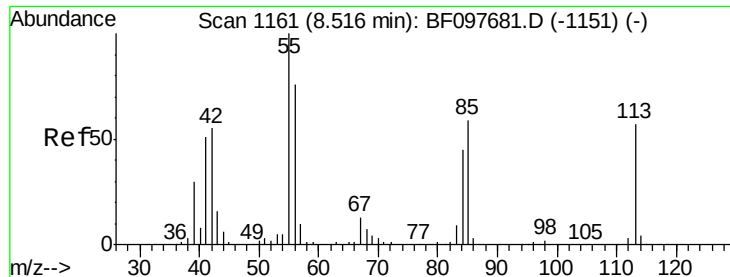
Tot Ion:	127	Resp:	297234
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.2
65	34.8	27.8	41.8
92	22.7	16.8	25.2



#34
Hexachlorobutadiene
Concen: 35.72 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF097753.D
Acq: 16 Aug 2017 21:57

Tgt Ion:	225	Resp:	188929
Ion	Ratio	Lower	Upper
225	100		
223	64.6	48.8	73.2
227	64.8	51.1	76.7

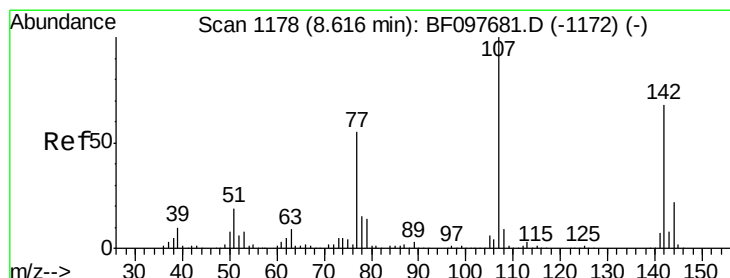
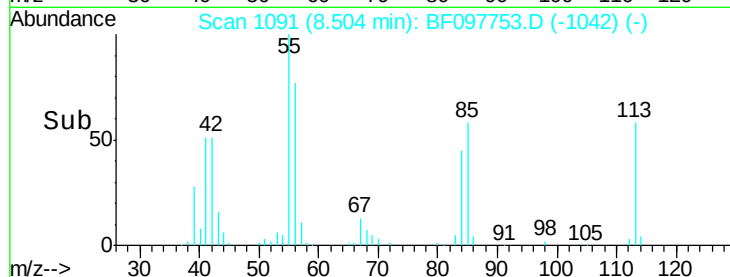
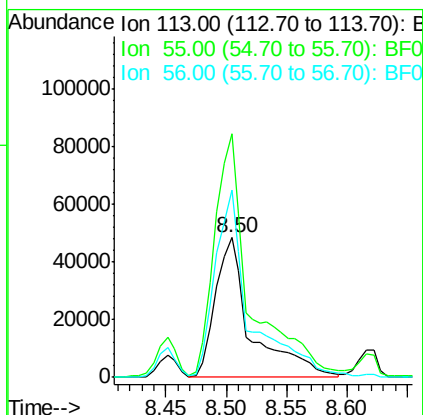
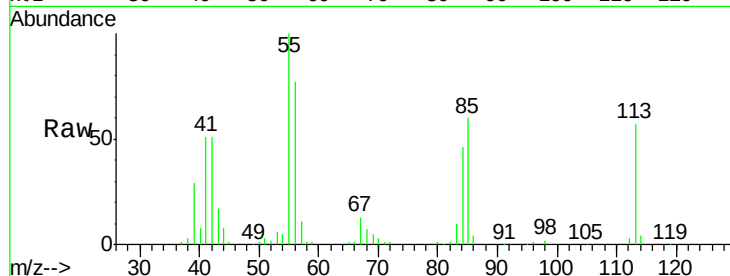




#35
 Caprolactam
 Concen: 36.07 ng
 RT: 8.50 min Scan# 1091
 Delta R.T. -0.01 min
 Lab File: BF097753.D
 Acq: 16 Aug 2017 21:57

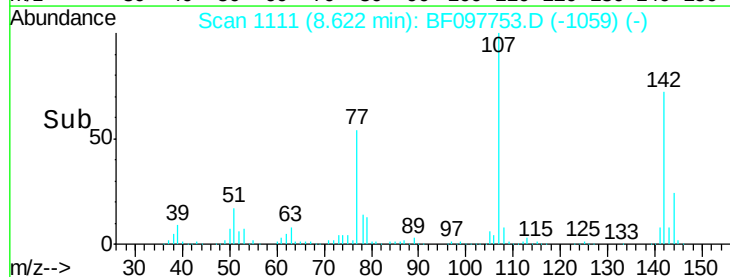
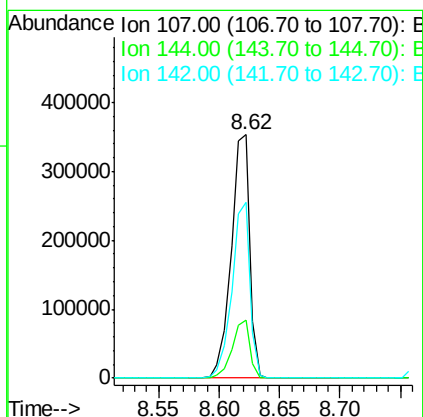
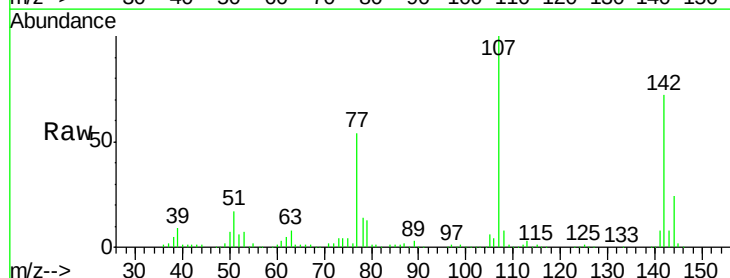
Instrument :
 BNA_F
 ClientSampleId :
 TP-106-JMSD

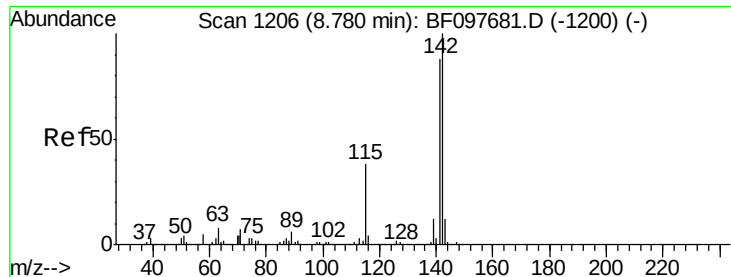
Tot Ion:113 Resp: 100195
 Ion Ratio Lower Upper
 113 100
 55 174.6 150.2 190.2
 56 134.2 107.8 147.8



#36
 4-Chloro-3-methylphenol
 Concen: 36.13 ng
 RT: 8.62 min Scan# 1111
 Delta R.T. 0.01 min
 Lab File: BF097753.D
 Acq: 16 Aug 2017 21:57

Tgt Ion:107 Resp: 379295
 Ion Ratio Lower Upper
 107 100
 144 23.8 24.2 36.4#
 142 71.9 73.4 110.0#

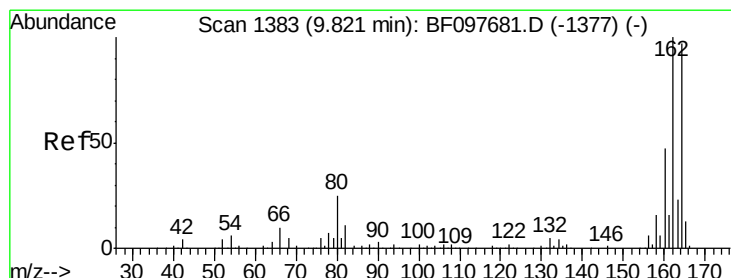
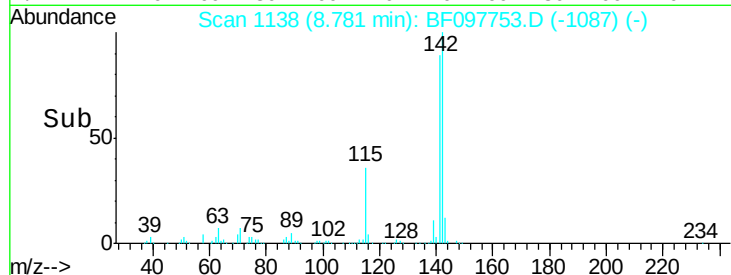
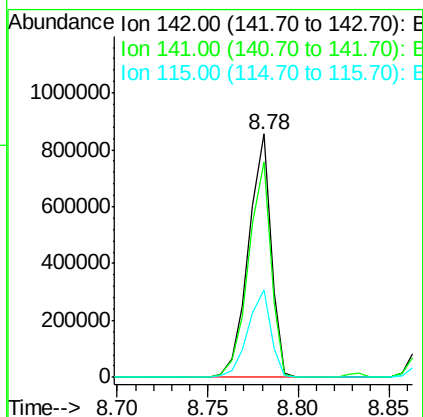
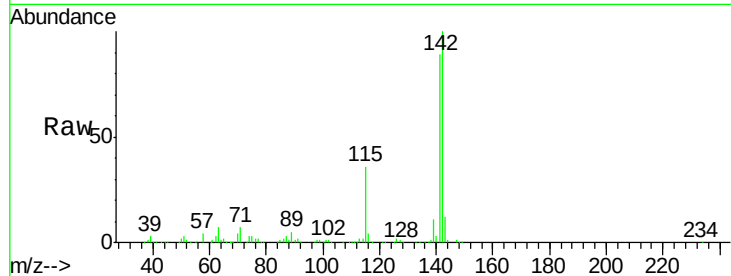




#37
2-Methylnaphthalene
Concen: 37.73 ng
RT: 8.78 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF097753.D
Acq: 16 Aug 2017 21:57

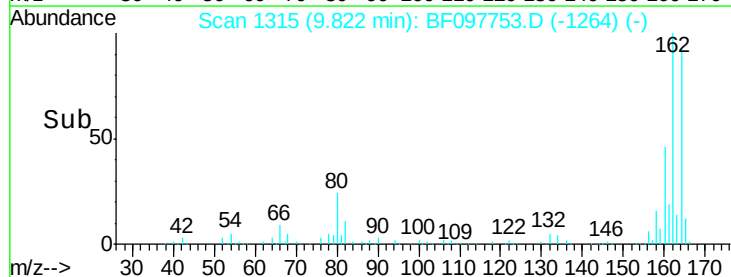
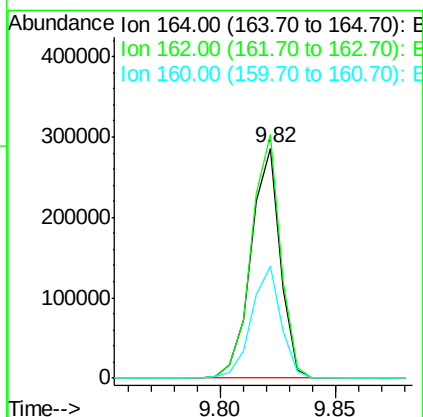
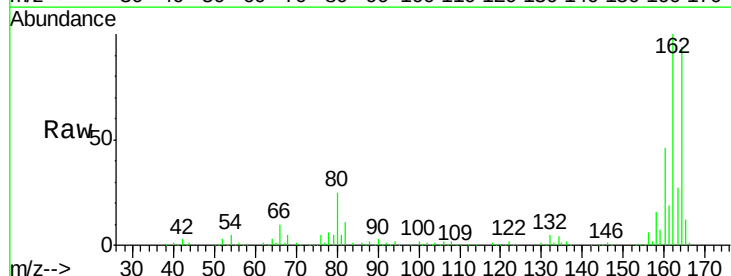
Instrument :
BNA_F
ClientSampleId :
TP-106-JMSD

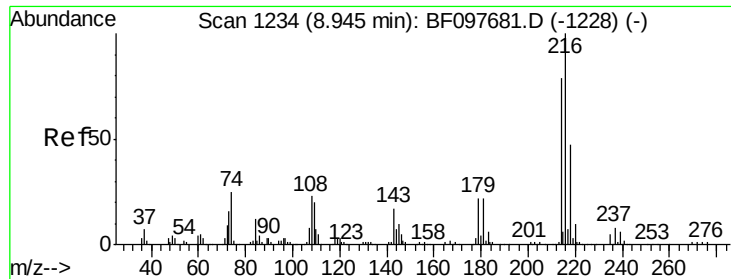
Tot Ion:142 Resp: 740469
Ion Ratio Lower Upper
142 100
141 88.6 71.3 106.9
115 36.0 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF097753.D
Acq: 16 Aug 2017 21:57

Tgt Ion:164 Resp: 253993
Ion Ratio Lower Upper
164 100
162 105.8 82.6 123.8
160 48.4 36.2 54.2

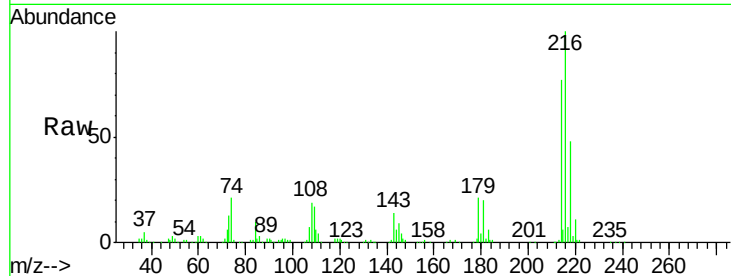




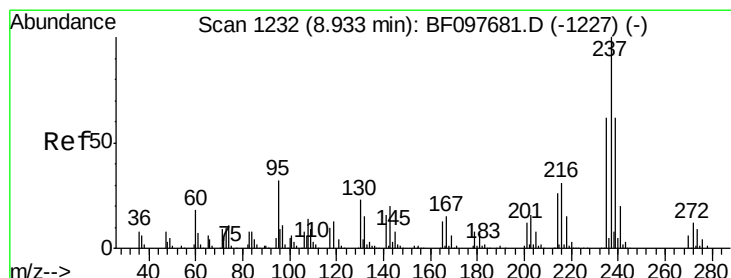
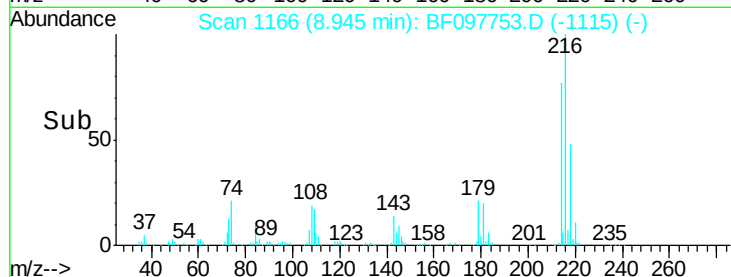
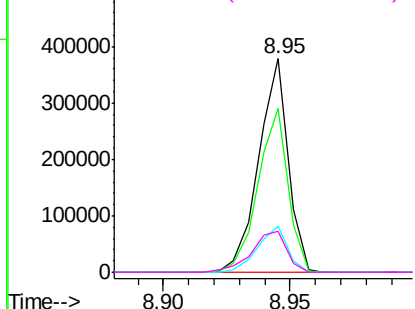
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.32 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. 0.00 min
 Lab File: BF097753.D
 Acq: 16 Aug 2017 21:57

Instrument :
 BNA_F
 ClientSampleId :
 TP-106-JMSD

Tot Ion:216	Resp:	306498
Ion Ratio	Lower	Upper
216	100	
214	78.4	63.4 95.2
179	21.7	17.9 26.9
108	22.8	16.5 24.7

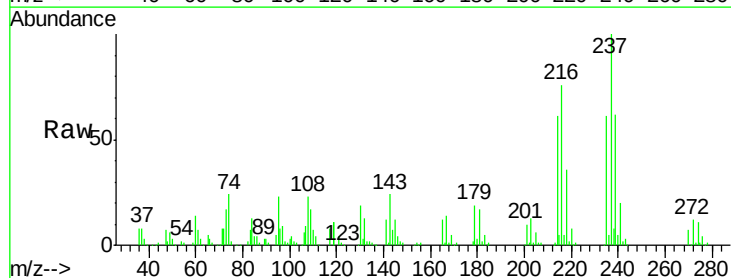


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

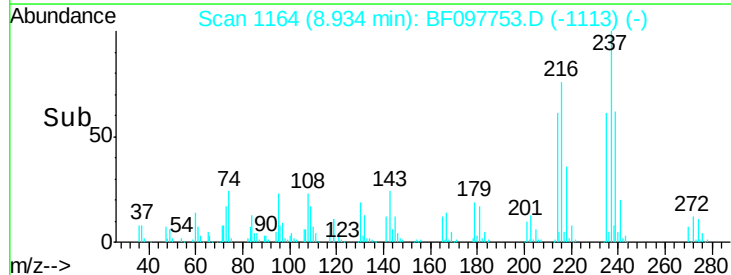
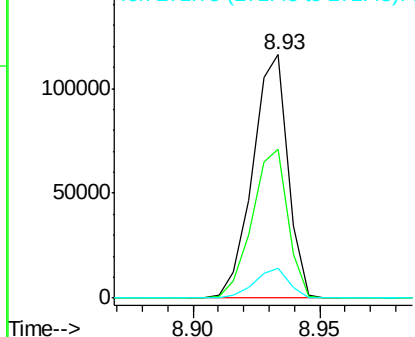


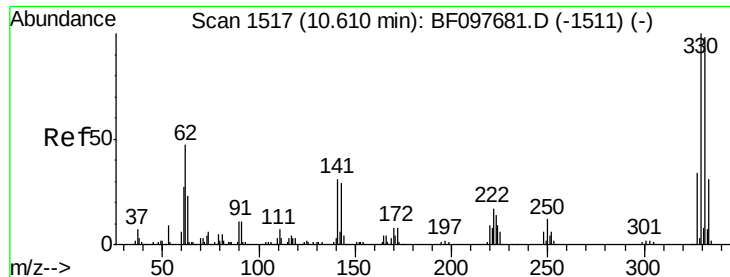
#40
 Hexachlorocyclopentadiene
 Concen: 29.98 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BF097753.D
 Acq: 16 Aug 2017 21:57

Tgt Ion:237	Resp:	112283
Ion Ratio	Lower	Upper
237	100	
235	61.0	42.6 82.6
272	12.1	0.0 31.9



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

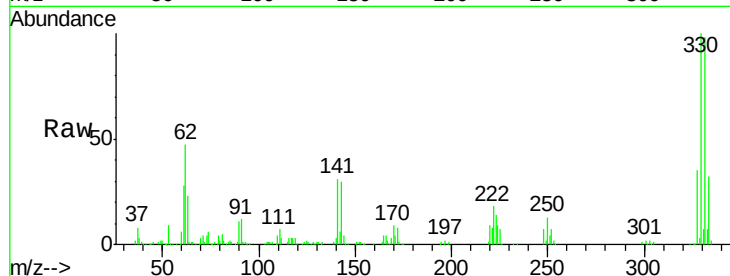




#41
 2,4,6-Tribromophenol
 Concen: 115.37 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF097753.D
 Acq: 16 Aug 2017 21:57

Instrument :
 BNA_F
 ClientSampleId :
 TP-106-JMSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.6	115.0
141	36.1	31.4	47.2

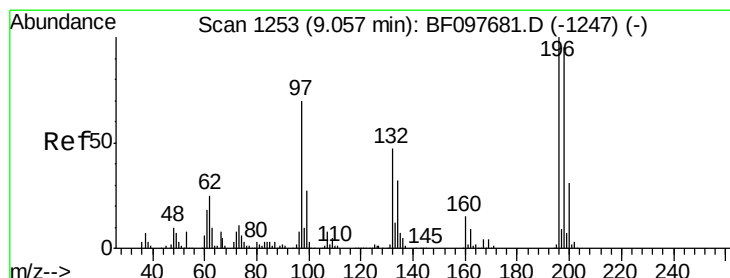
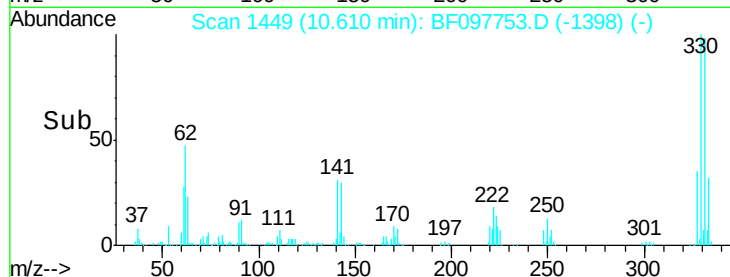
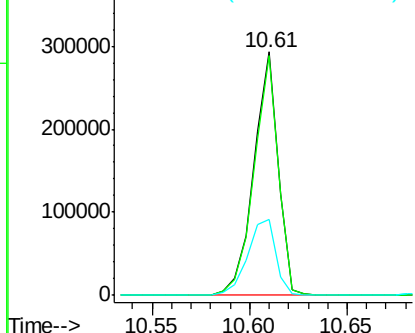


Abundance

Ion 329.80 (329.50 to 330.50): E

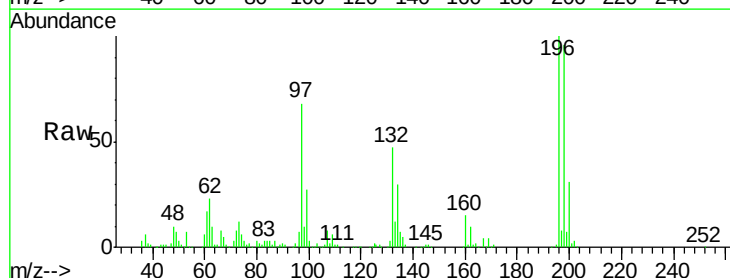
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 39.72 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.00 min
 Lab File: BF097753.D
 Acq: 16 Aug 2017 21:57

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.2	74.2	111.4
200	31.2	24.0	36.0

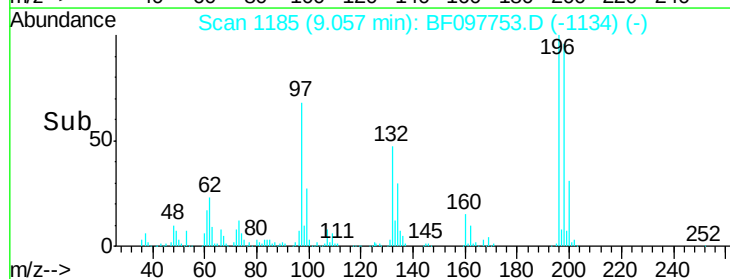
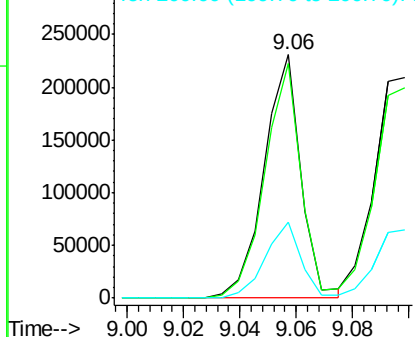


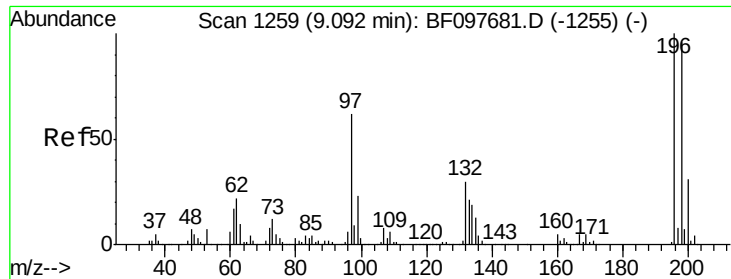
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

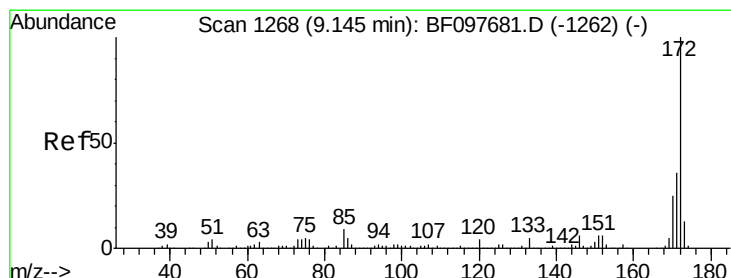
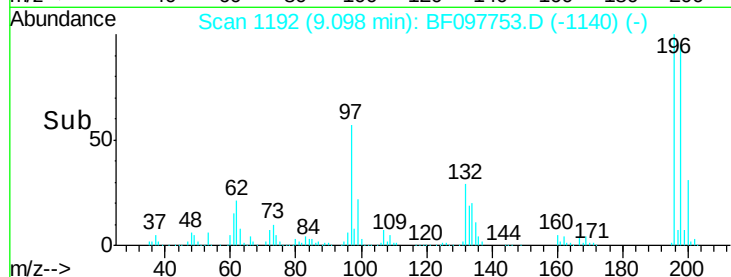
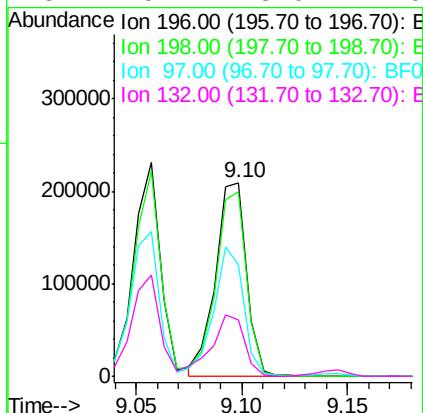
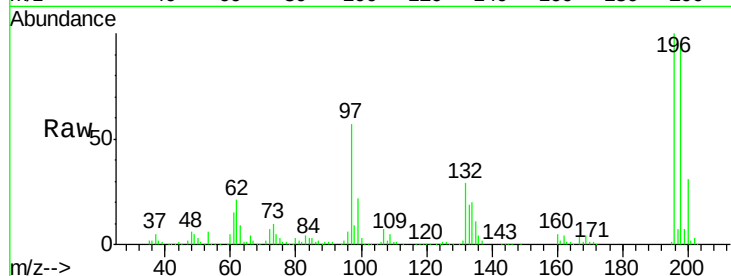




#43
 2,4,5-Trichlorophenol
 Concen: 41.13 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.01 min
 Lab File: BF097753.D
 Acq: 16 Aug 2017 21:57

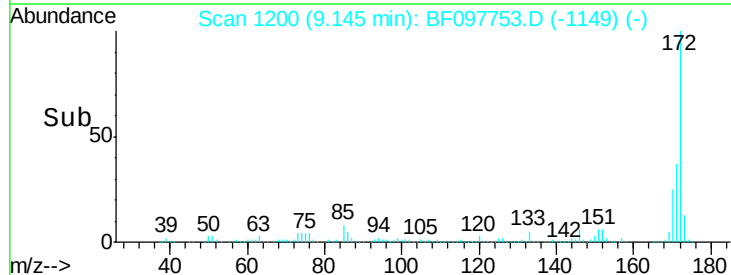
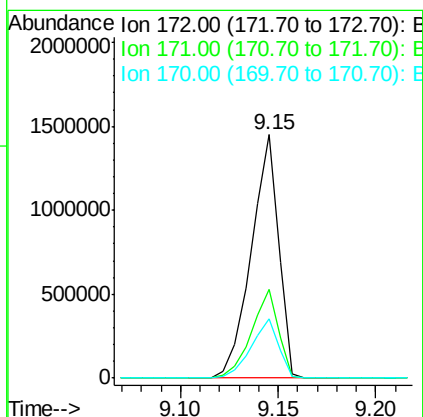
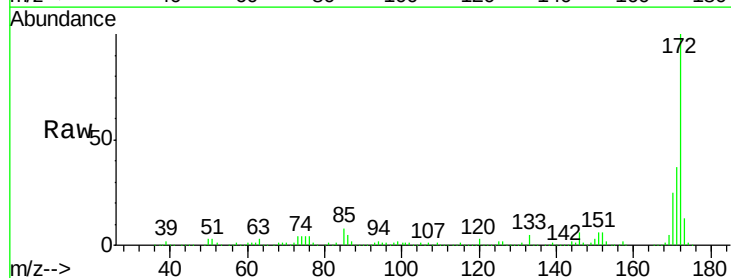
Instrument :
 BNA_F
 ClientSampleId :
 TP-106-JMSD

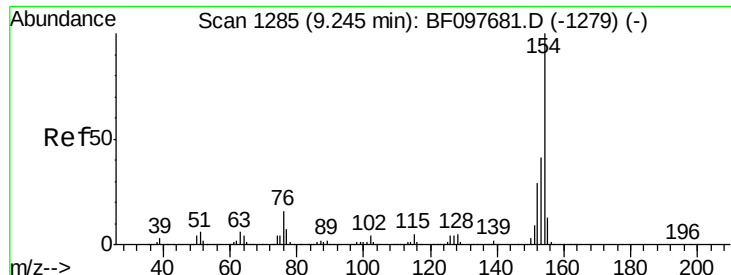
Tot Ion	196	Resp	213546
Ion Ratio	Lower	Upper	
196	100		
198	95.3	75.7	113.5
97	57.5	47.7	71.5
132	29.1	28.0	42.0



#44
 2-Fluorobiphenyl
 Concen: 81.49 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF097753.D
 Acq: 16 Aug 2017 21:57

Tgt Ion	172	Resp	1408699
Ion Ratio	Lower	Upper	
172	100		
171	36.5	29.6	44.4
170	24.5	19.8	29.8

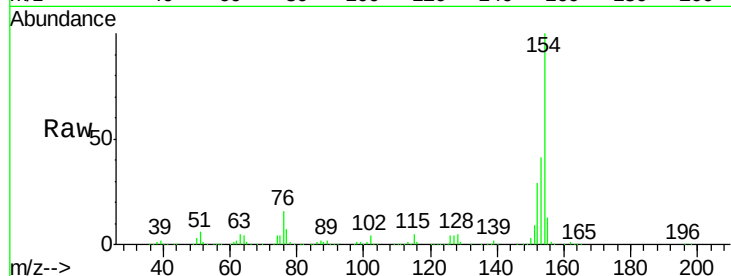




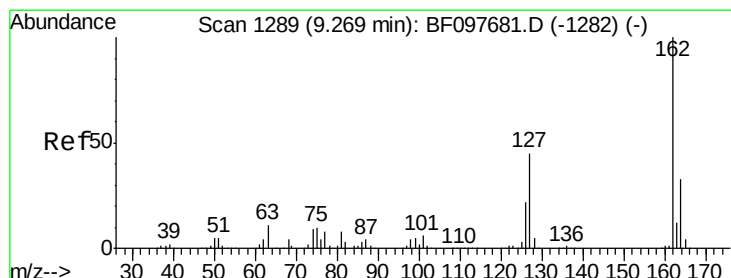
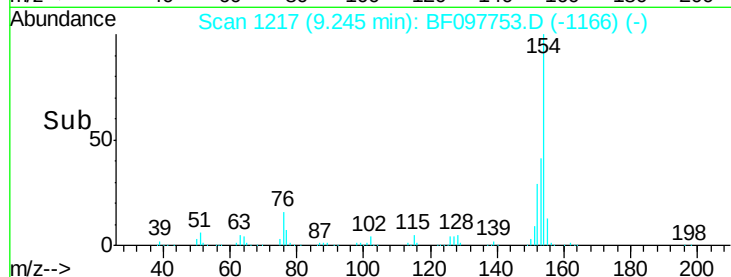
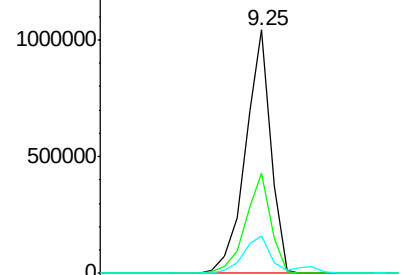
#45
 1,1'-Biphenyl
 Concen: 37.40 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF097753.D
 Acq: 16 Aug 2017 21:57

Instrument :
 BNA_F
 ClientSampleId :
 TP-106-JMSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.2	61.2
76	15.6	0.0	29.9

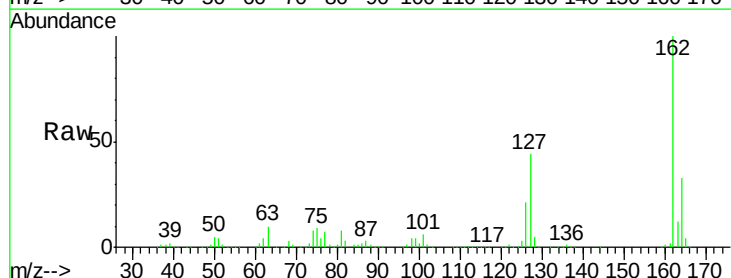


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

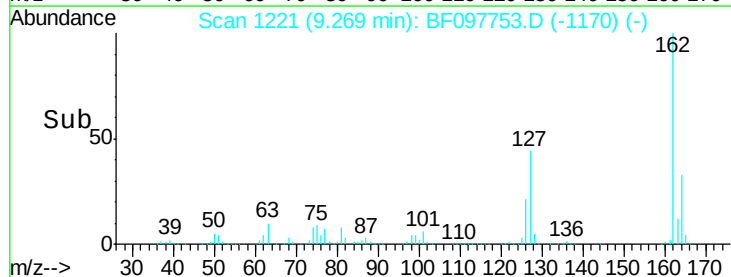
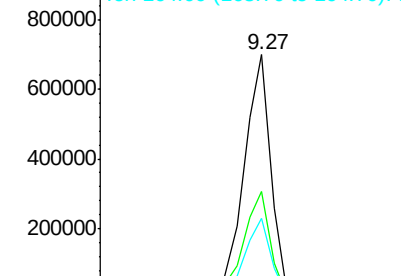


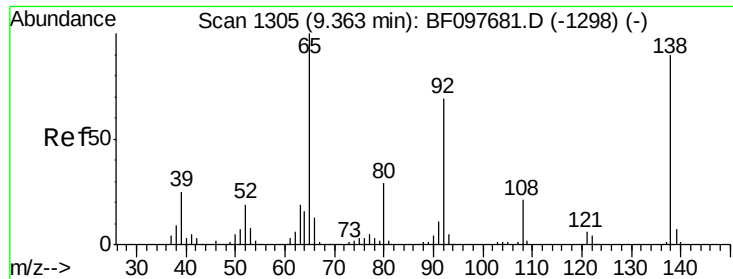
#46
 2-Chloronaphthalene
 Concen: 36.46 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. 0.00 min
 Lab File: BF097753.D
 Acq: 16 Aug 2017 21:57

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.7	28.3	42.5#
164	32.8	27.0	40.4



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

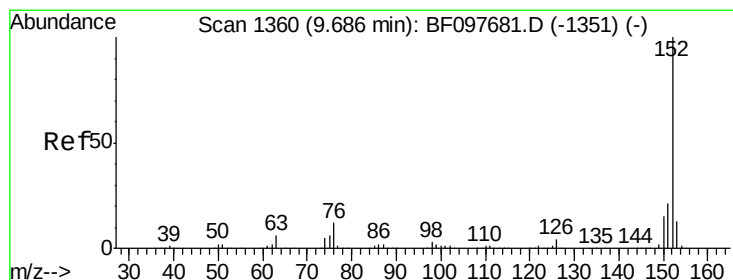
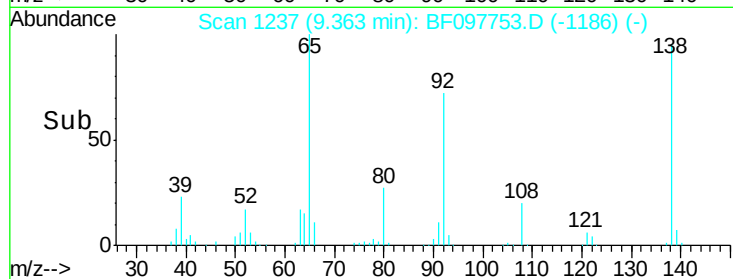
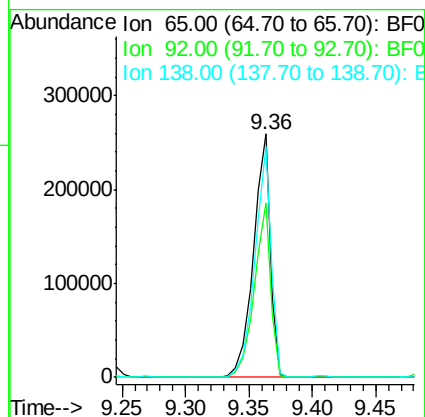
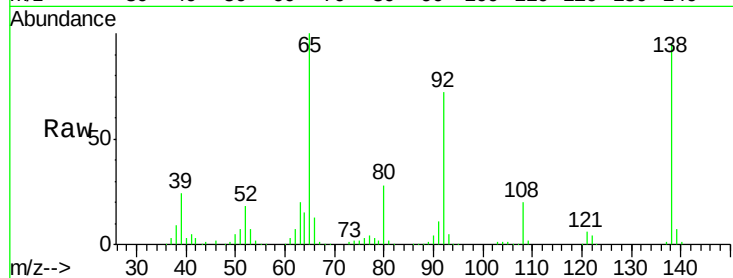




#47
 2-Nitroaniline
 Concen: 42.39 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: BF097753.D
 Acq: 16 Aug 2017 21:57

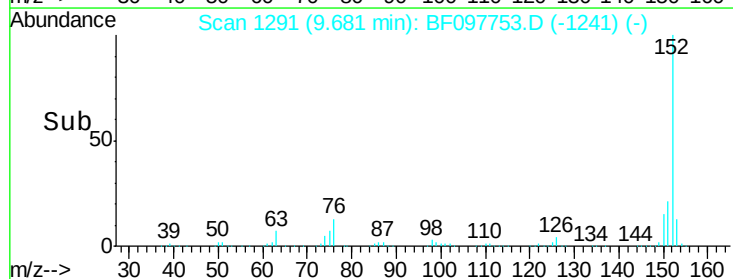
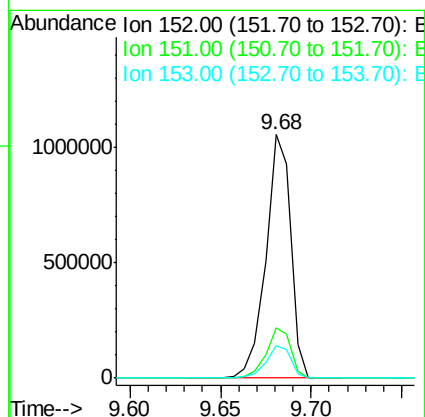
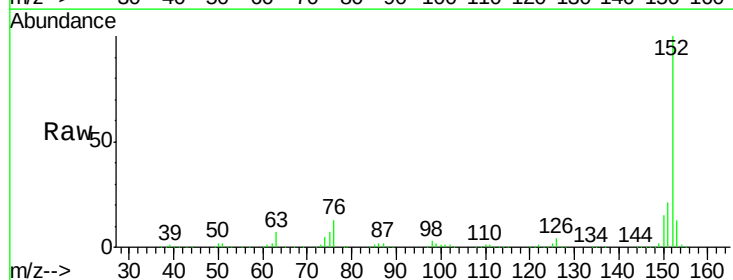
Instrument :
 BNA_F
 ClientSampleId :
 TP-106-JMSD

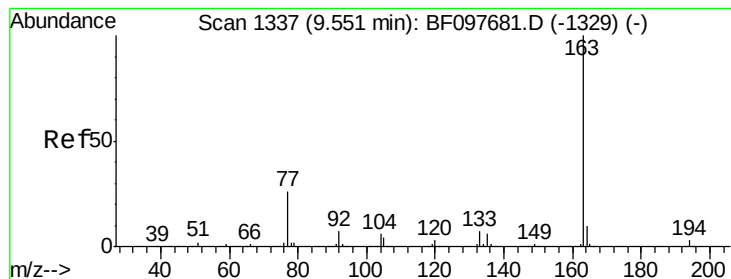
Tot Ion: 65 Resp: 243210
 Ion Ratio Lower Upper
 65 100
 92 71.7 53.9 80.9
 138 94.7 78.8 118.2



#48
 Acenaphthylene
 Concen: 37.44 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: BF097753.D
 Acq: 16 Aug 2017 21:57

Tgt Ion: 152 Resp: 1006121
 Ion Ratio Lower Upper
 152 100
 151 20.9 16.8 25.2
 153 13.1 10.8 16.2





#49

Dimethylphthalate

Concen: 50.21 ng

RT: 9.55 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BF097753.D

Acq: 16 Aug 2017 21:57

Instrument :

BNA_F

ClientSampleId :

TP-106-JMSD

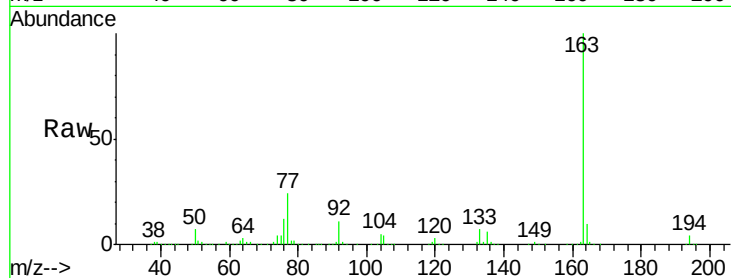
Tot Ion:163 Resp: 932192

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

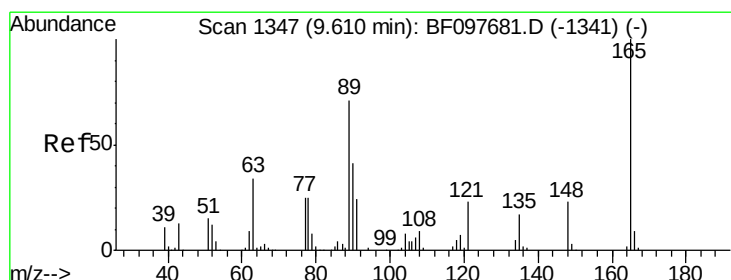
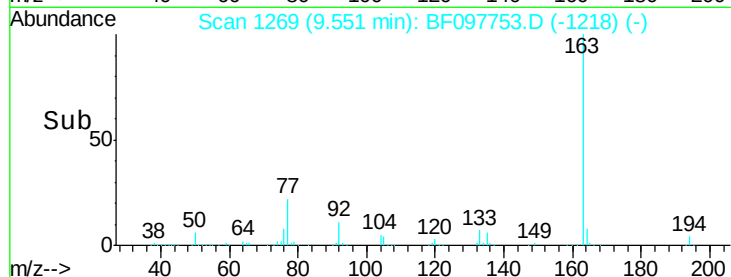
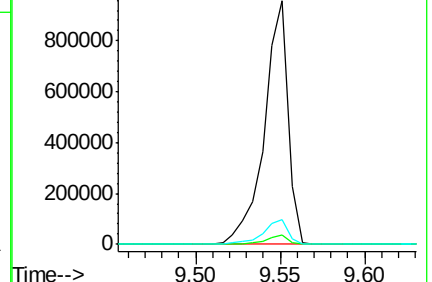
164 10.0 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.86 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF097753.D

Acq: 16 Aug 2017 21:57

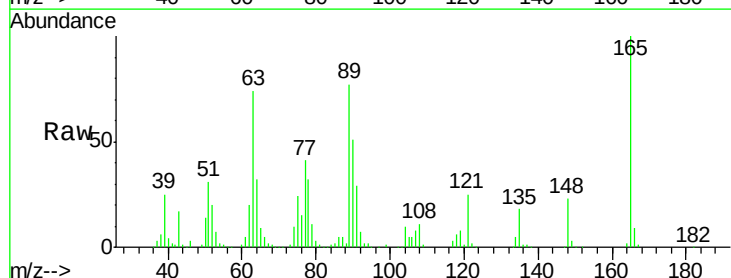
Tgt Ion:165 Resp: 155148

Ion Ratio Lower Upper

165 100

63 73.7 34.3 51.5#

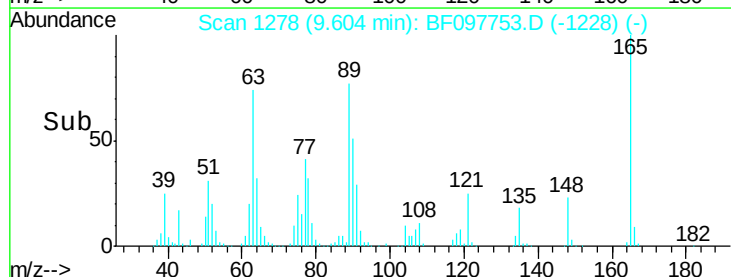
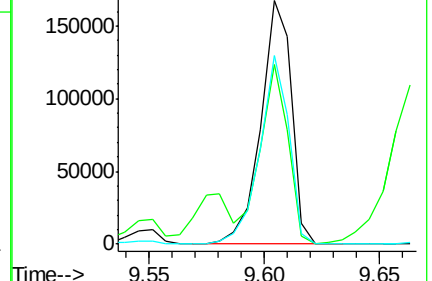
89 77.4 37.1 55.7#

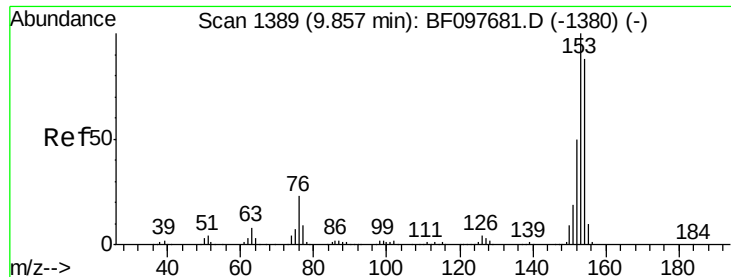


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 35.95 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.00 min

Lab File: BF097753.D

Acq: 16 Aug 2017 21:57

Instrument :

BNA_F

ClientSampleId :

TP-106-JMSD

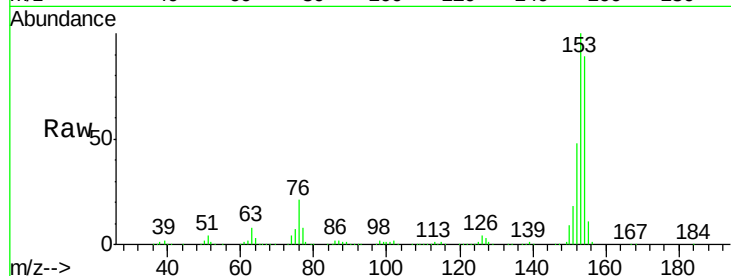
Tot Ion:154 Resp: 609394

Ion Ratio Lower Upper

154 100

153 112.7 90.5 135.7

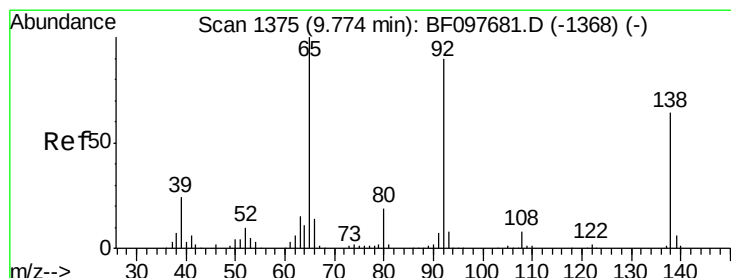
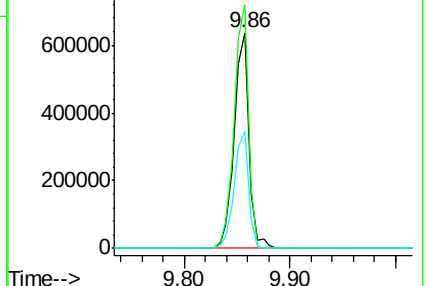
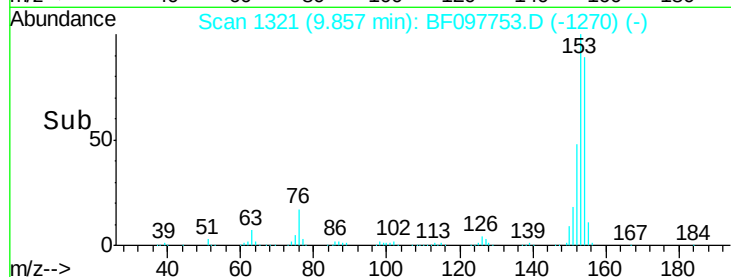
152 54.3 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 27.61 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF097753.D

Acq: 16 Aug 2017 21:57

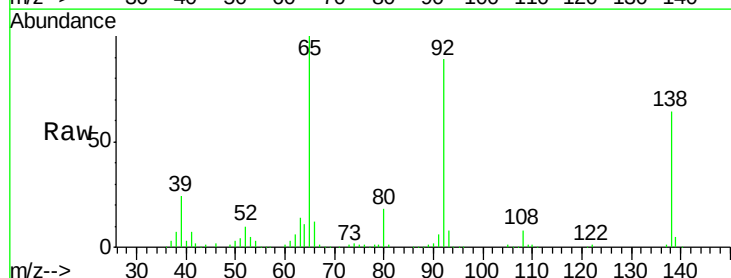
Tgt Ion:138 Resp: 132025

Ion Ratio Lower Upper

138 100

108 12.0 9.1 13.7

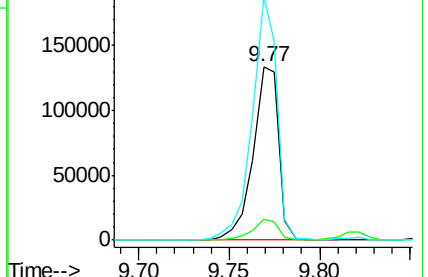
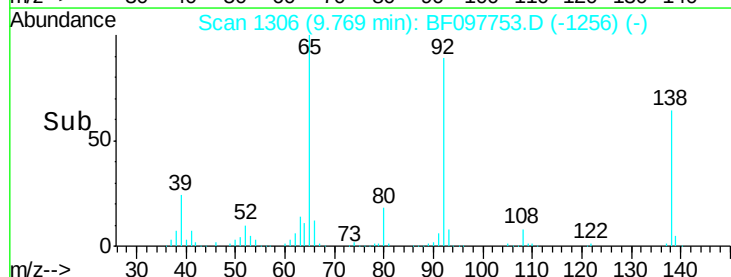
92 140.1 93.8 140.6

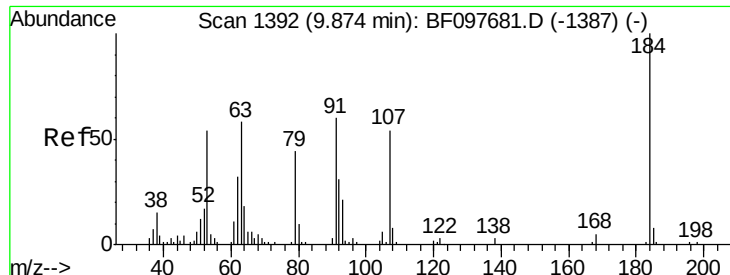


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

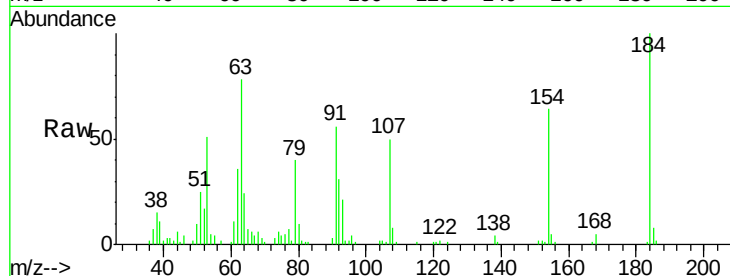




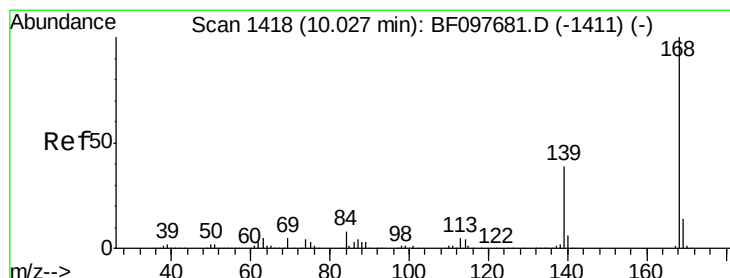
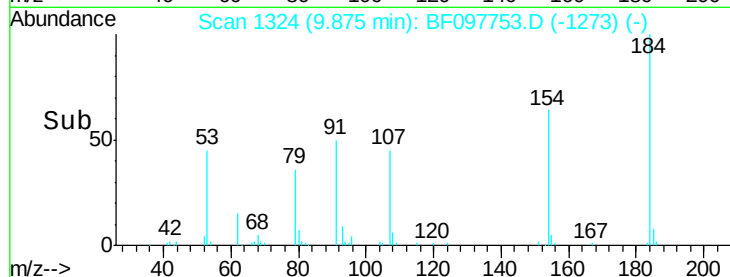
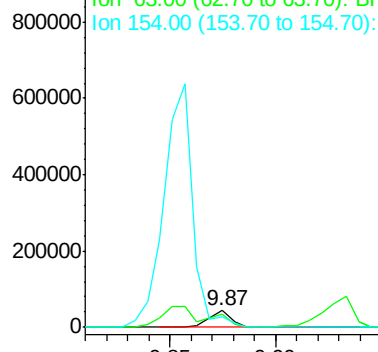
#53
 2,4-Dinitrophenol
 Concen: 26.61 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: BF097753.D
 Acq: 16 Aug 2017 21:57

Instrument :
 BNA_F
 ClientSampleId :
 TP-106-JMSD

Tot Ion:184 Resp: 33249
 Ion Ratio Lower Upper
 184 100
 63 78.3 62.7 94.1
 154 64.4 81.1 121.7#

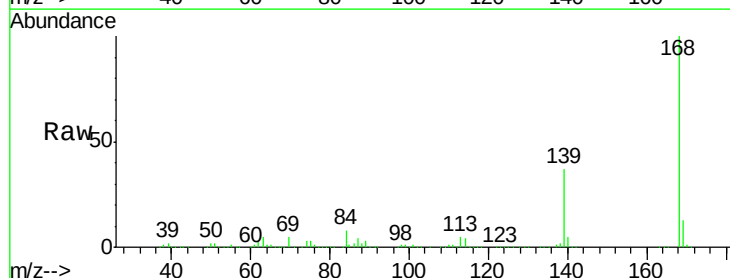


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

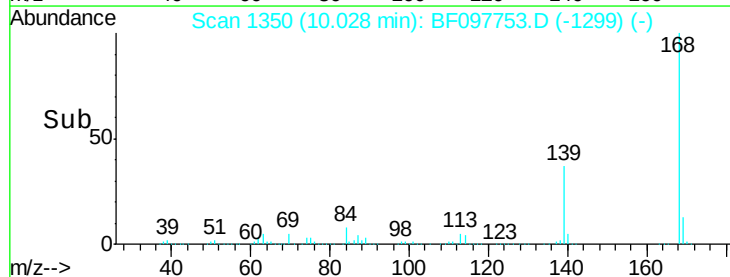
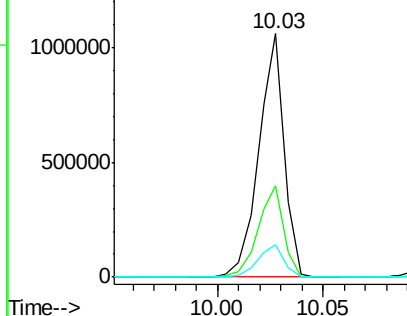


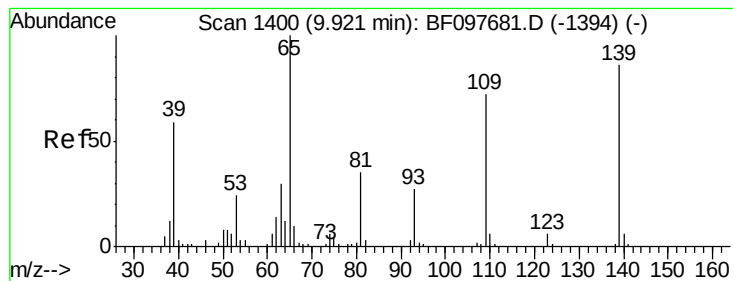
#54
 Dibenzofuran
 Concen: 38.91 ng
 RT: 10.03 min Scan# 1350
 Delta R.T. 0.00 min
 Lab File: BF097753.D
 Acq: 16 Aug 2017 21:57

Tgt Ion:168 Resp: 883877
 Ion Ratio Lower Upper
 168 100
 139 37.5 30.6 45.8
 169 13.1 10.8 16.2



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





#55

4-Nitrophenol

Concen: 64.28 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.01 min

Lab File: BF097753.D

Acq: 16 Aug 2017 21:57

Instrument :

BNA_F

ClientSampled :

TP-106-JMSD

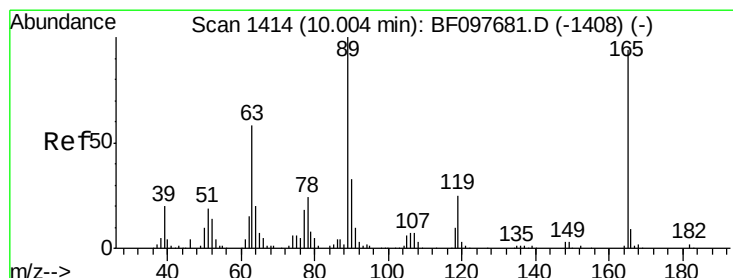
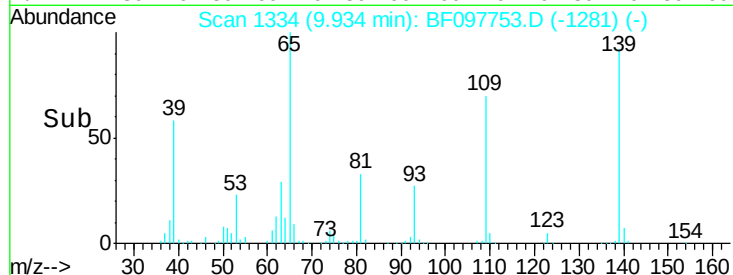
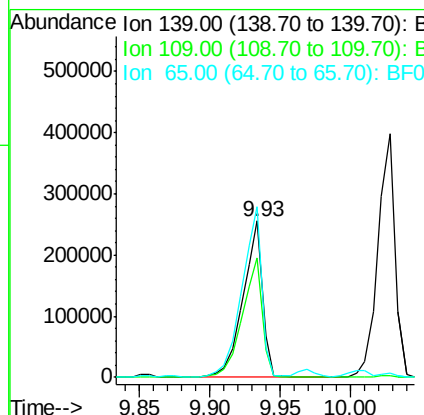
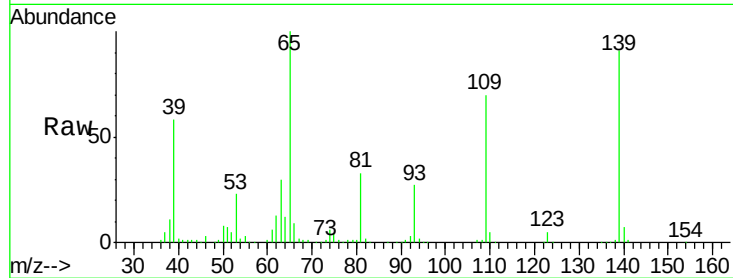
Tot Ion:139 Resp: 245167

Ion Ratio Lower Upper

139 100

109 76.7 34.1 74.1#

65 109.3 31.4 71.4#



#56

2,4-Dinitrotoluene

Concen: 41.57 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.01 min

Lab File: BF097753.D

Acq: 16 Aug 2017 21:57

Tgt Ion:165 Resp: 193321

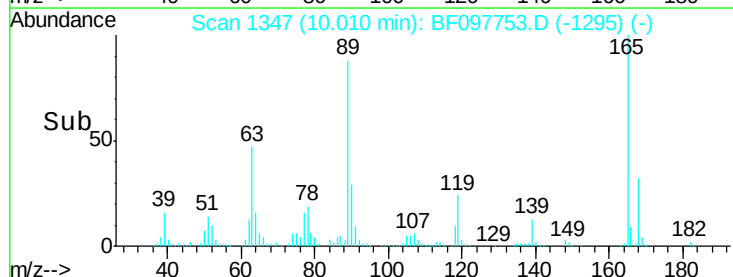
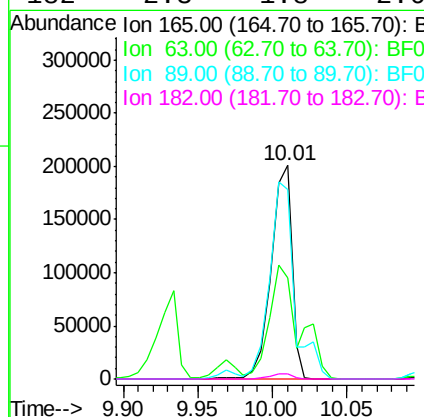
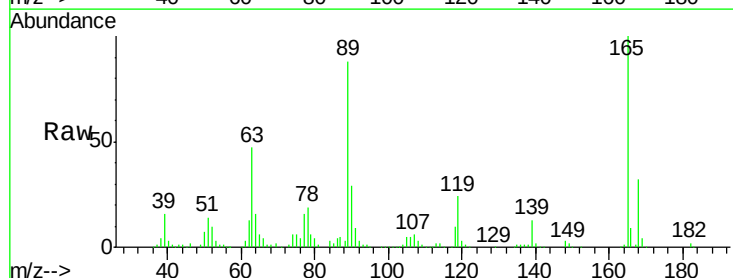
Ion Ratio Lower Upper

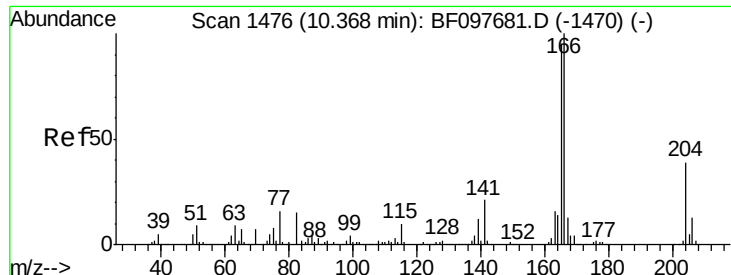
165 100

63 47.1 25.4 38.0#

89 88.5 46.4 69.6#

182 2.3 1.8 2.6

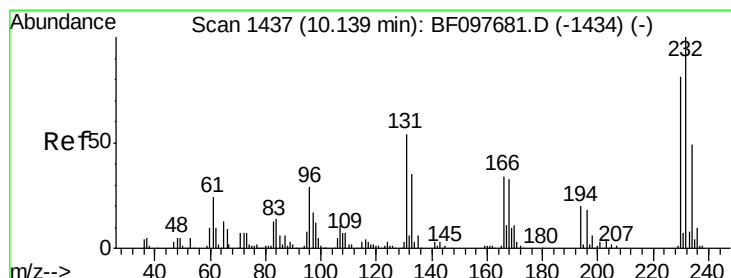
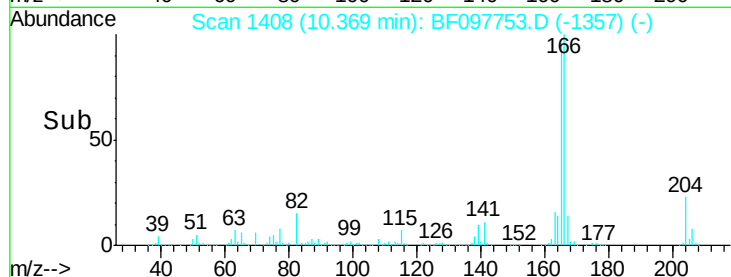
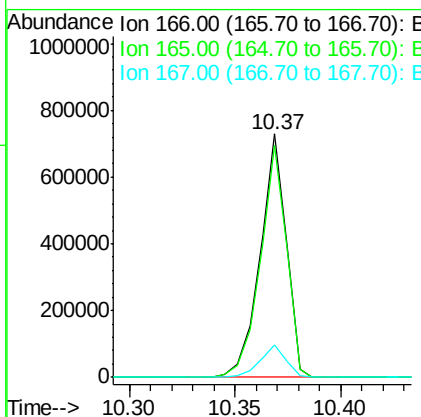
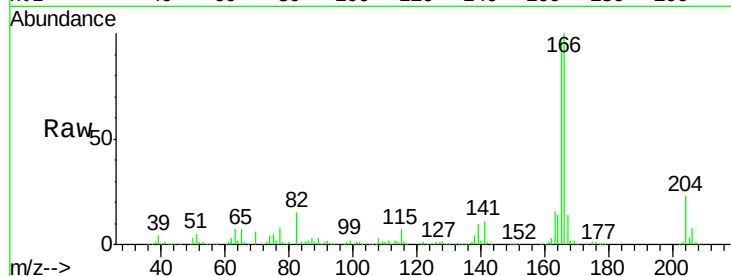




#57
 Fluorene
 Concen: 35.78 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. 0.00 min
 Lab File: BF097753.D
 Acq: 16 Aug 2017 21:57

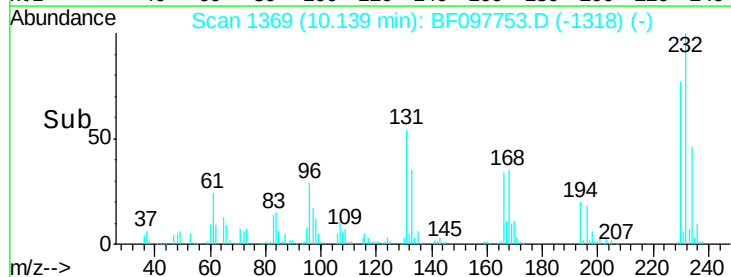
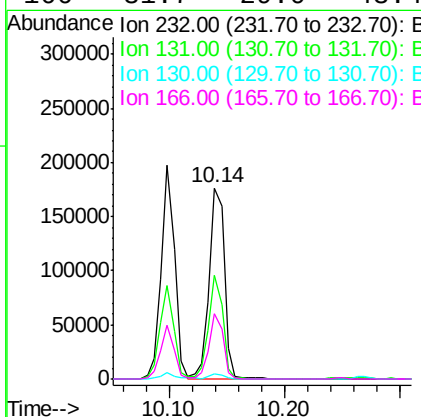
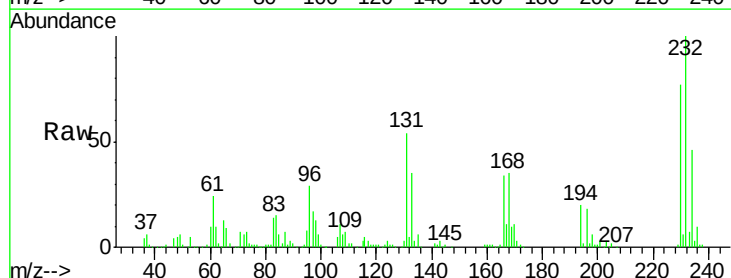
Instrument :
 BNA_F
 ClientSampleId :
 TP-106-JMSD

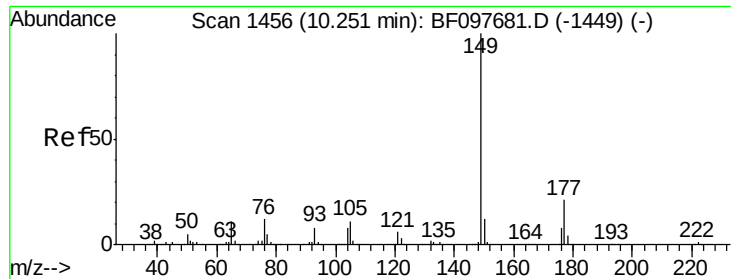
Tot Ion	Ratio	Lower	Upper
166	100		
165	95.5	78.8	118.2
167	13.5	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.90 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: BF097753.D
 Acq: 16 Aug 2017 21:57

Tgt Ion	Ratio	Lower	Upper
232	100		
131	50.8	44.8	67.2
130	2.6	2.3	3.5
166	31.7	29.0	43.4

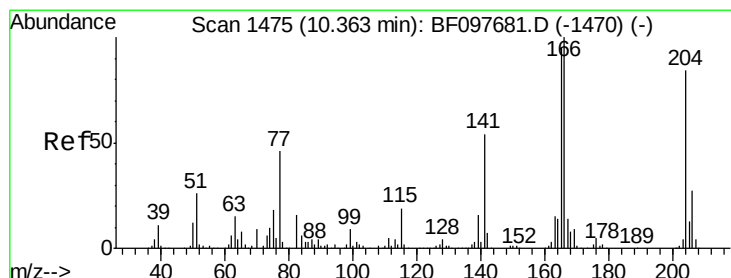
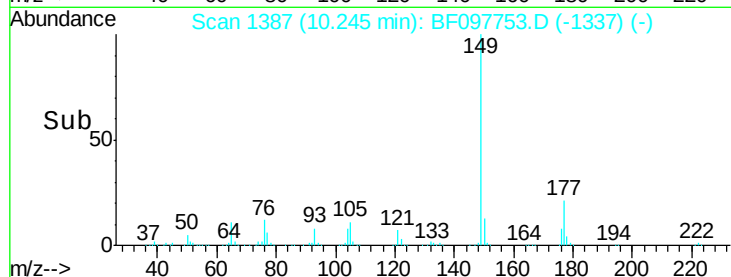
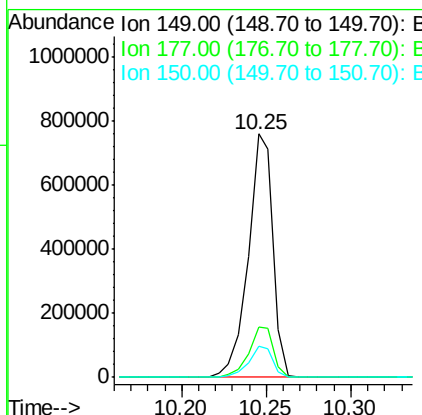
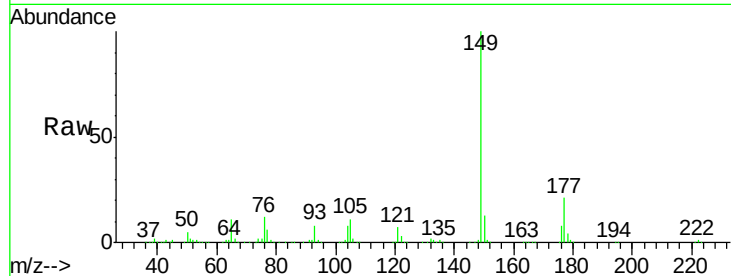




#59
Diethylphthalate
Concen: 39.83 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF097753.D
Acq: 16 Aug 2017 21:57

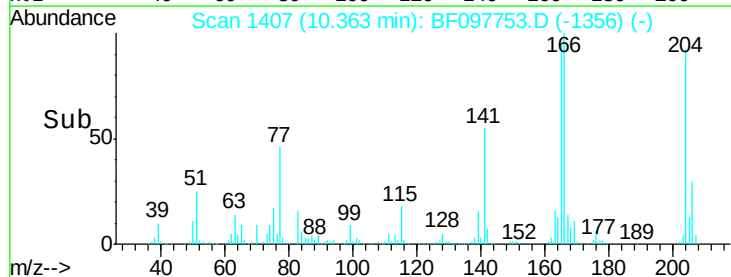
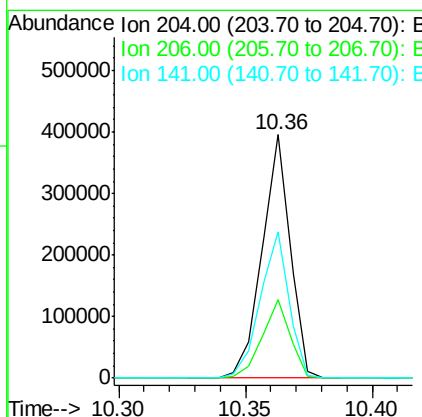
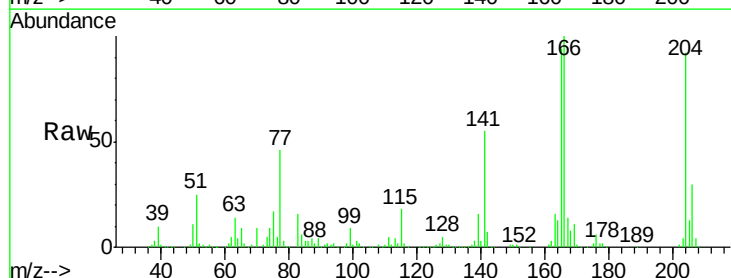
Instrument :
BNA_F
ClientSampleId :
TP-106-JMSD

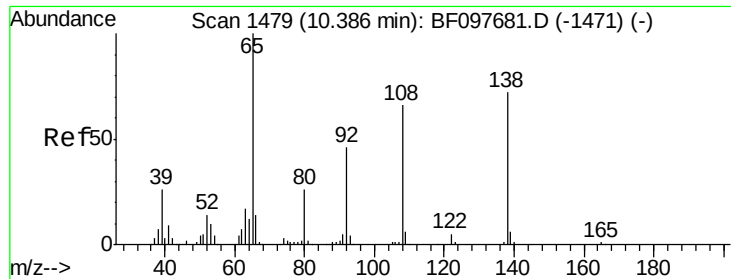
Tot Ion:149 Resp: 773345
Ion Ratio Lower Upper
149 100
177 20.6 16.7 25.1
150 12.6 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 37.79 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF097753.D
Acq: 16 Aug 2017 21:57

Tgt Ion:204 Resp: 308360
Ion Ratio Lower Upper
204 100
206 32.1 26.2 39.2
141 60.1 60.8 91.2#

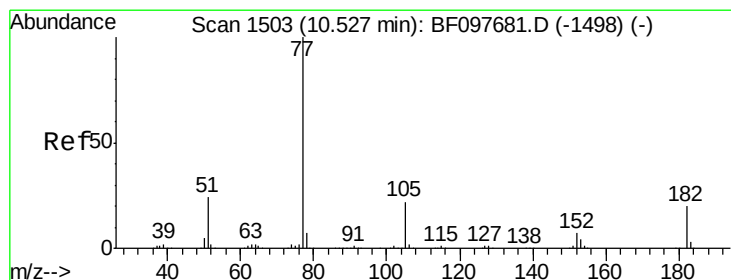
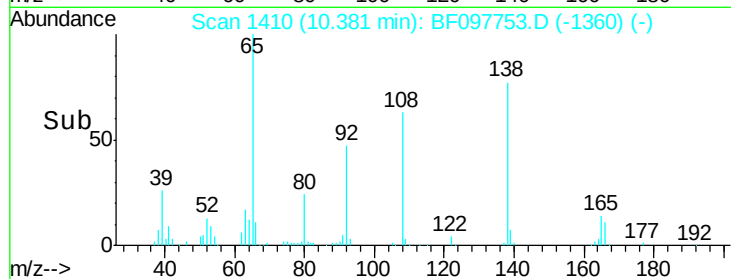
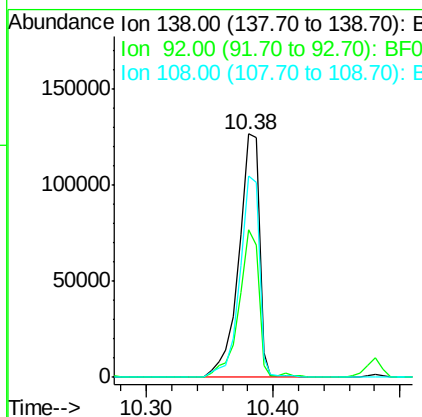
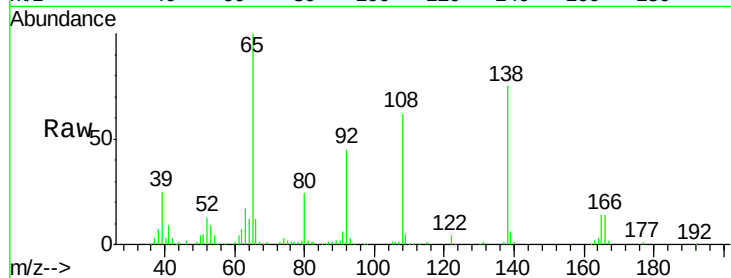




#61
 4-Nitroaniline
 Concen: 31.19 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: BF097753.D
 Acq: 16 Aug 2017 21:57

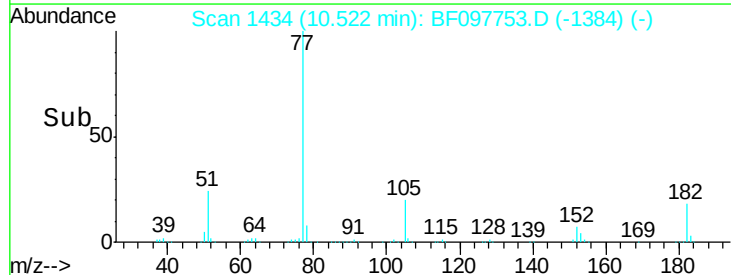
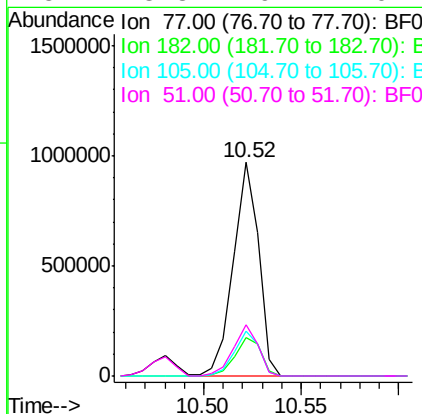
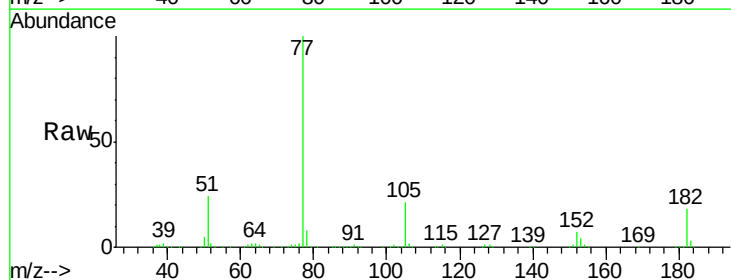
Instrument :
 BNA_F
 ClientSampleId :
 TP-106-JMSD

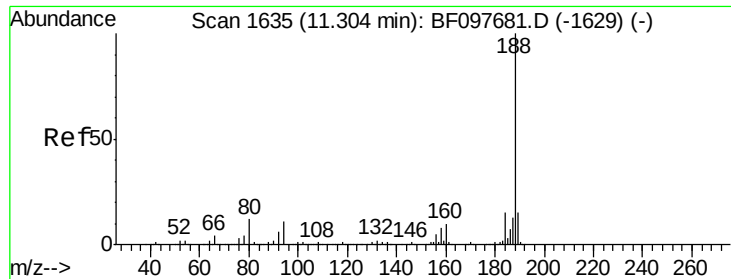
Tot Ion:138 Resp: 141721
 Ion Ratio Lower Upper
 138 100
 92 60.4 21.8 61.8
 108 82.9 42.3 82.3#



#62
 Azobenzene
 Concen: 37.91 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF097753.D
 Acq: 16 Aug 2017 21:57

Tgt Ion: 77 Resp: 874339
 Ion Ratio Lower Upper
 77 100
 182 18.2 0.1 40.1
 105 20.8 3.6 43.6
 51 23.8 9.4 49.4

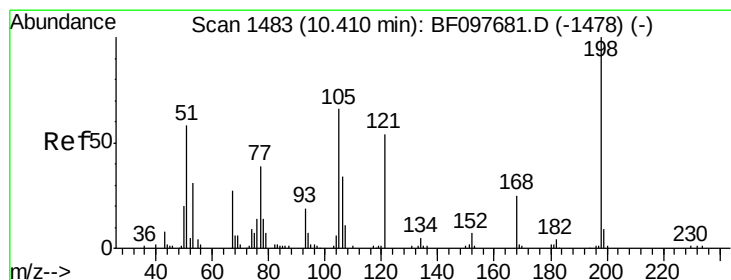
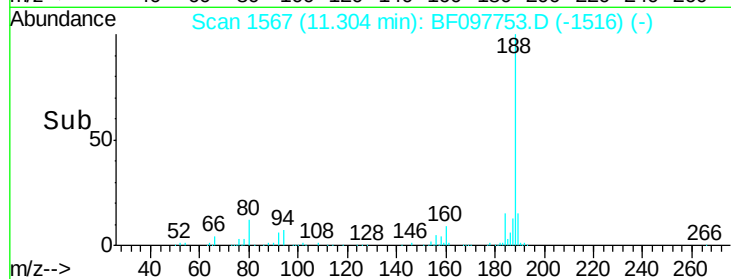
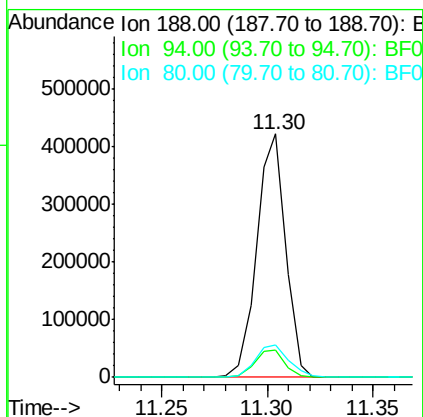
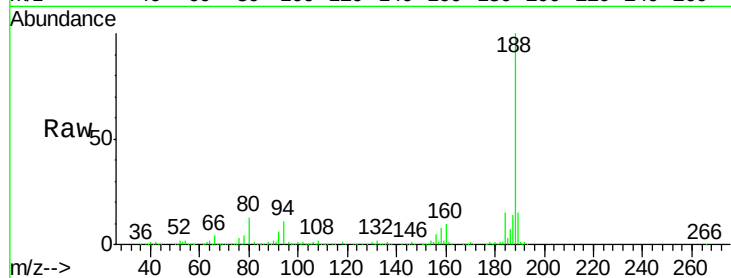




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 1567
Delta R.T. 0.00 min
Lab File: BF097753.D
Acq: 16 Aug 2017 21:57

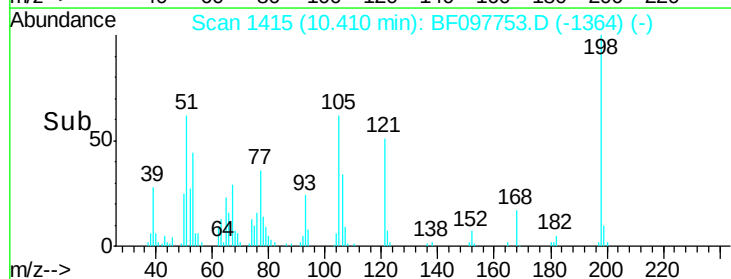
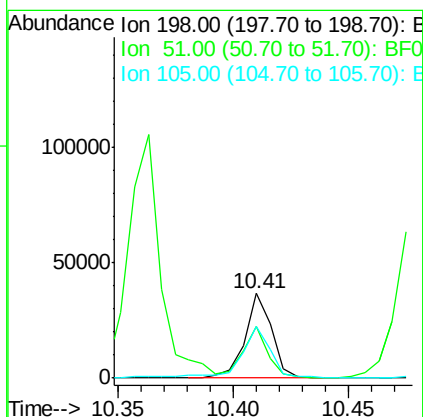
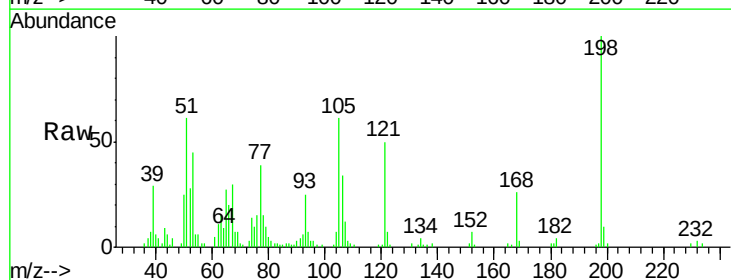
Instrument :
BNA_F
ClientSampled :
TP-106-JMSD

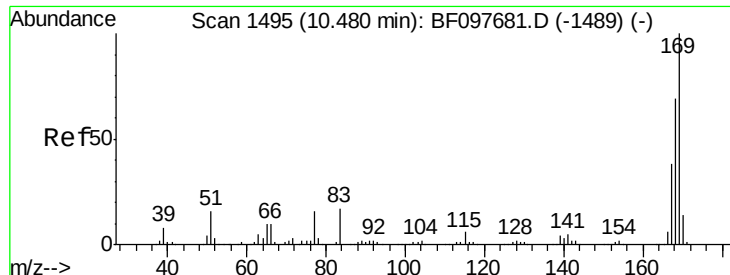
Tot Ion:188 Resp: 400738
Ion Ratio Lower Upper
188 100
94 11.4 9.4 14.2
80 13.1 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 21.41 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BF097753.D
Acq: 16 Aug 2017 21:57

Tgt Ion:198 Resp: 29904
Ion Ratio Lower Upper
198 100
51 61.4 53.2 93.2
105 60.9 45.8 85.8

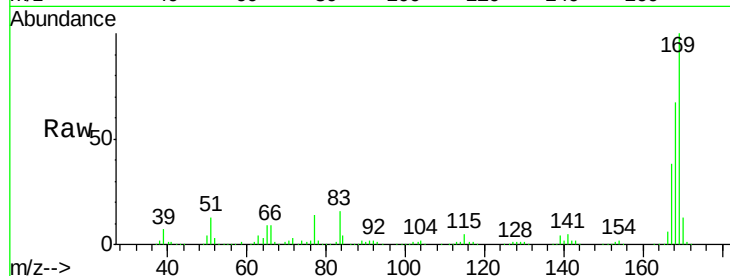




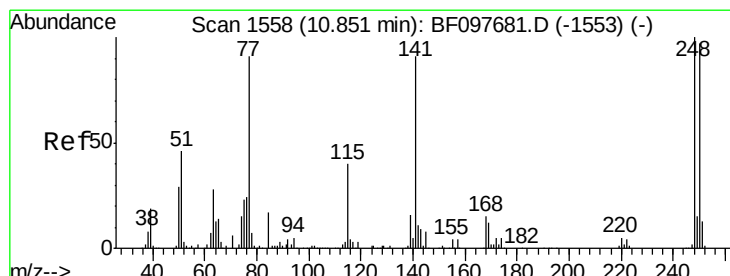
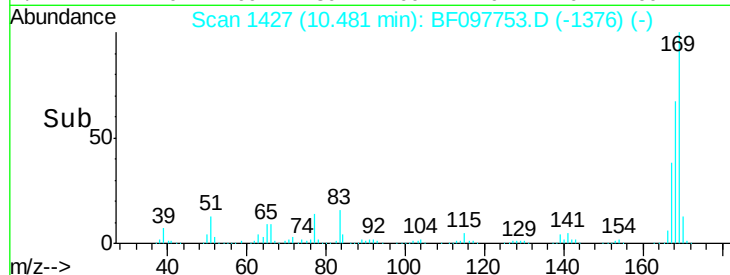
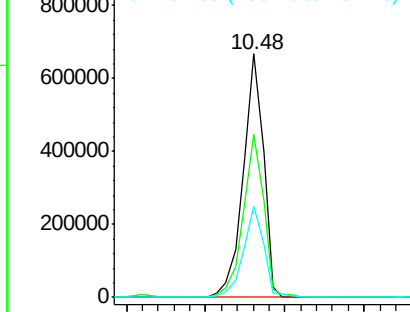
#65
 n-Nitrosodiphenylamine
 Concen: 43.13 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: BF097753.D
 Acq: 16 Aug 2017 21:57

Instrument :
 BNA_F
 ClientSampleId :
 TP-106-JMSD

Tot Ion:169 Resp: 588560
 Ion Ratio Lower Upper
 169 100
 168 67.1 53.2 79.8
 167 37.6 29.5 44.3

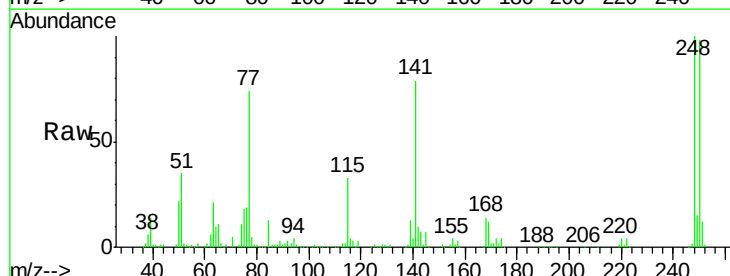


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

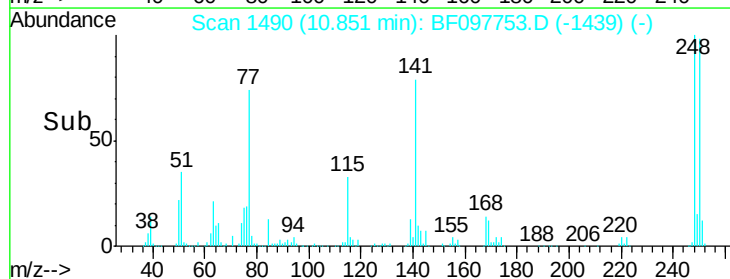
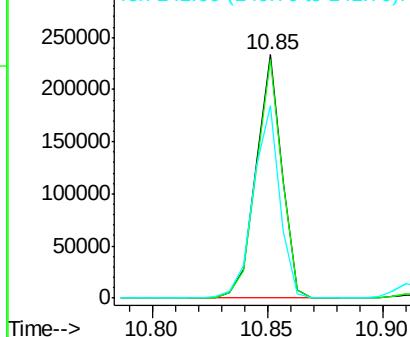


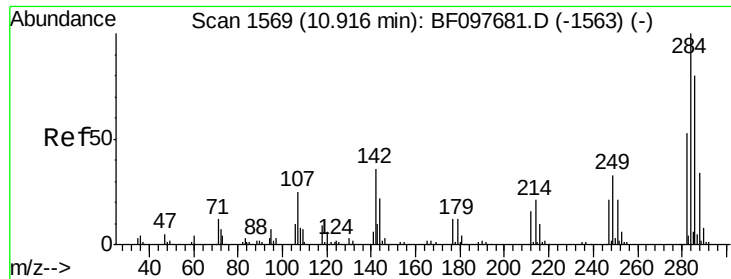
#66
 4-Bromophenyl-phenylether
 Concen: 43.80 ng
 RT: 10.85 min Scan# 1490
 Delta R.T. 0.00 min
 Lab File: BF097753.D
 Acq: 16 Aug 2017 21:57

Tgt Ion:248 Resp: 182285
 Ion Ratio Lower Upper
 248 100
 250 97.9 76.8 115.2
 141 79.0 68.6 103.0



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

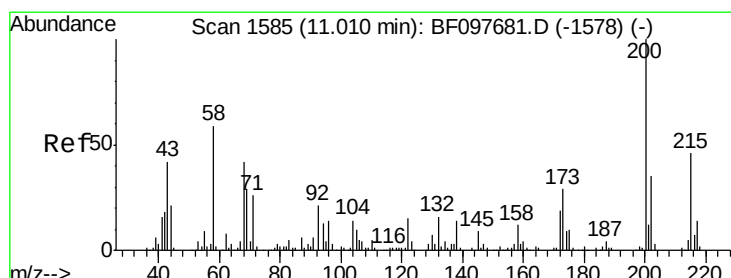
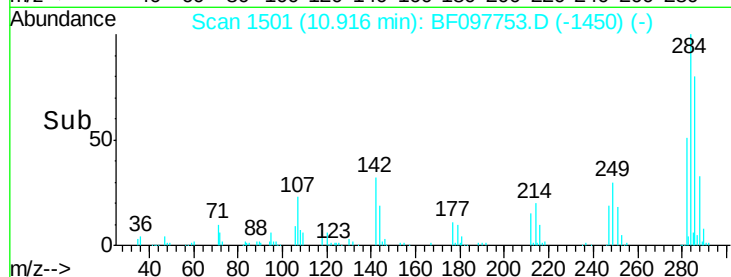
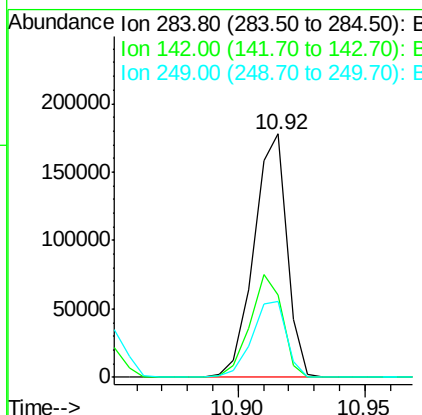
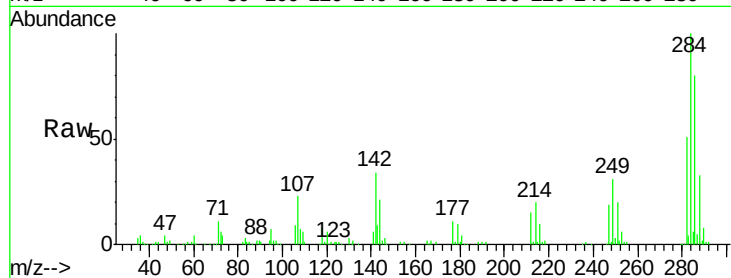




#67
Hexachlorobenzene
Concen: 38.24 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BF097753.D
Acq: 16 Aug 2017 21:57

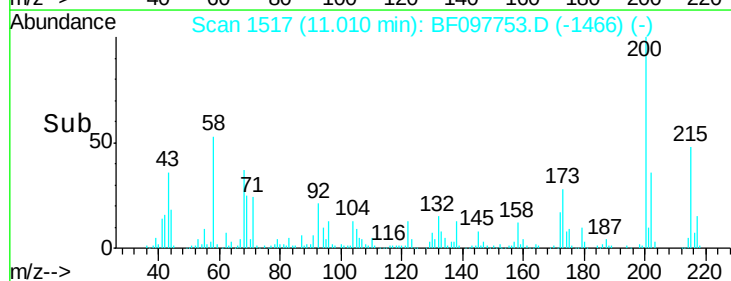
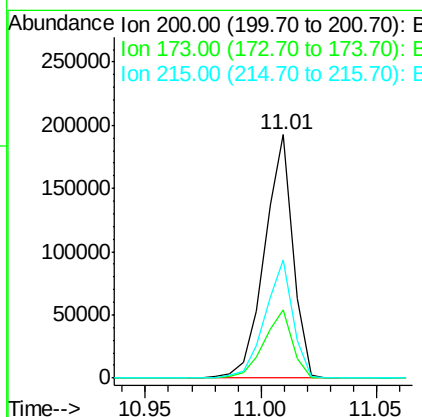
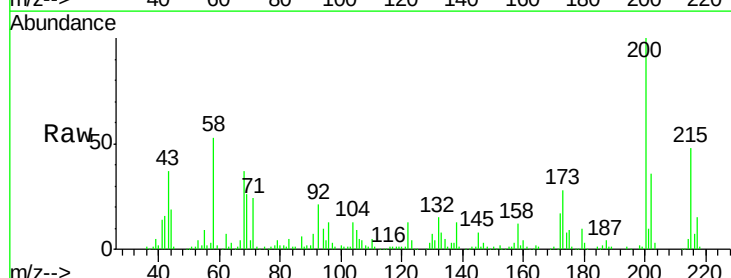
Instrument :
BNA_F
ClientSampleId :
TP-106-JMSD

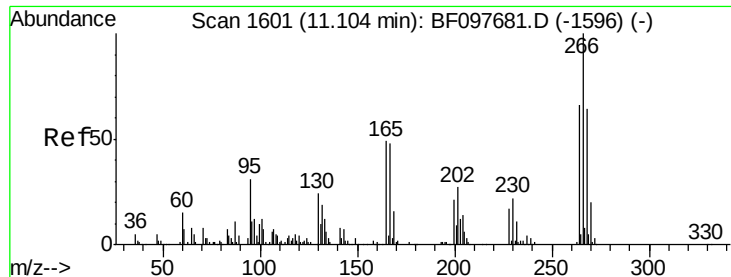
Tot Ion:284 Resp: 162185
Ion Ratio Lower Upper
284 100
142 34.1 22.8 34.2
249 31.2 24.0 36.0



#68
Atrazine
Concen: 45.26 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.00 min
Lab File: BF097753.D
Acq: 16 Aug 2017 21:57

Tgt Ion:200 Resp: 163806
Ion Ratio Lower Upper
200 100
173 27.9 6.3 46.3
215 48.4 27.2 67.2

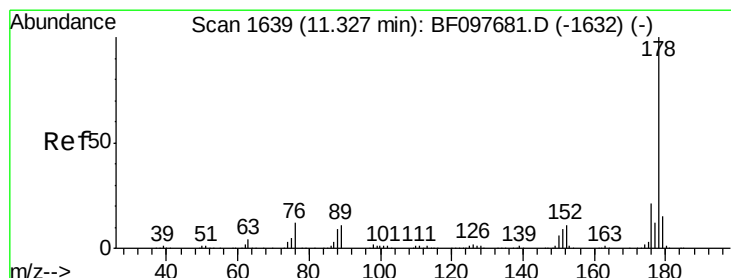
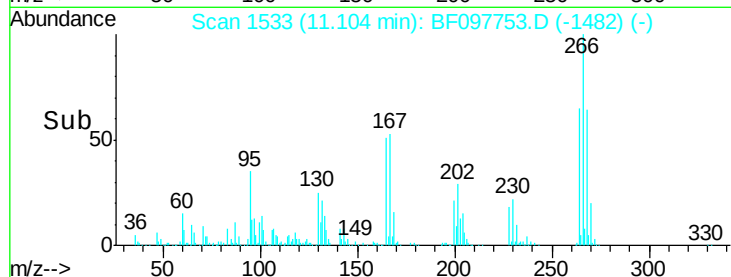
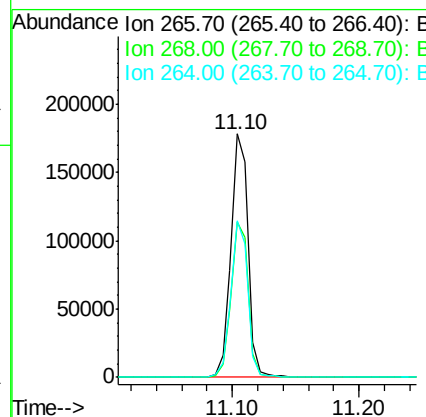
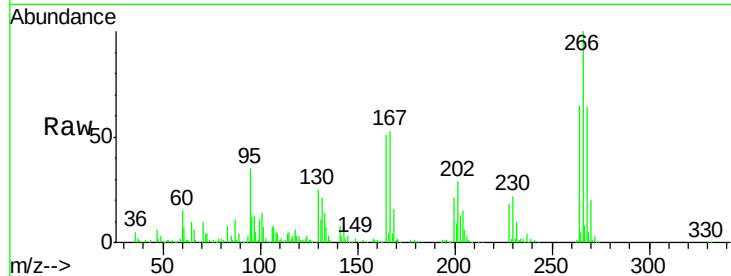




#69
 Pentachlorophenol
 Concen: 67.23 ng
 RT: 11.10 min Scan# 1533
 Delta R.T. 0.00 min
 Lab File: BF097753.D
 Acq: 16 Aug 2017 21:57

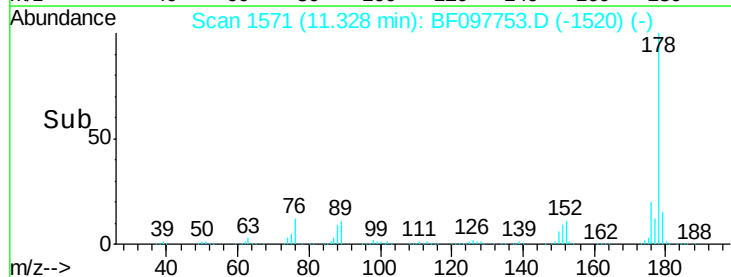
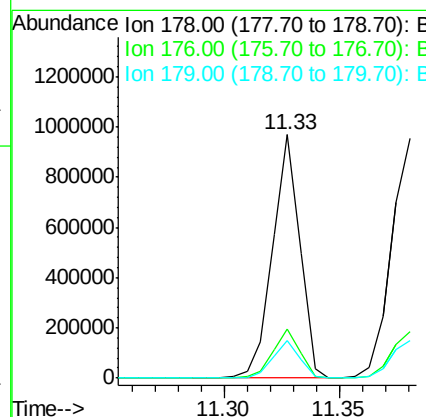
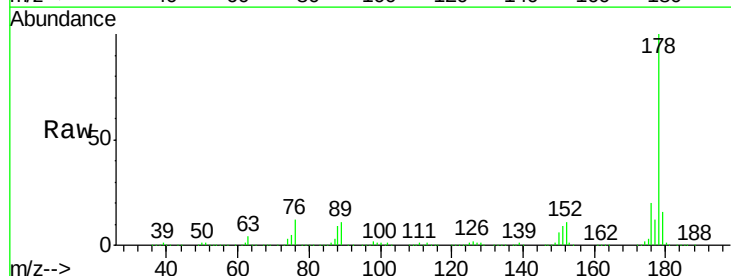
Instrument :
 BNA_F
 ClientSampleId :
 TP-106-JMSD

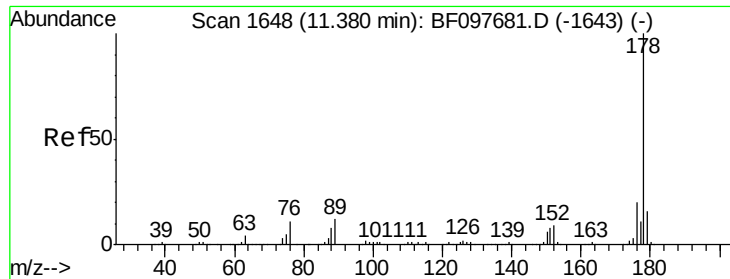
Tot Ion:266 Resp: 166275
 Ion Ratio Lower Upper
 266 100
 268 63.8 51.1 76.7
 264 64.5 51.7 77.5



#70
 Phenanthrene
 Concen: 37.23 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF097753.D
 Acq: 16 Aug 2017 21:57

Tgt Ion:178 Resp: 795093
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.2 24.4
 179 15.6 12.6 19.0

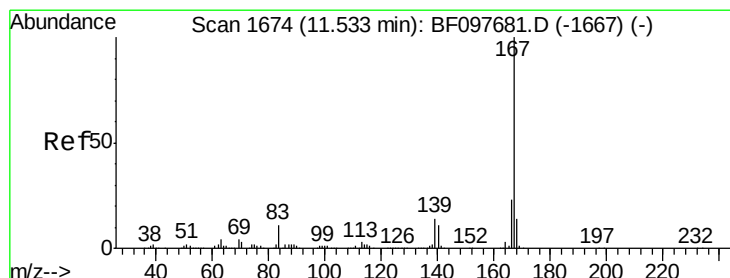
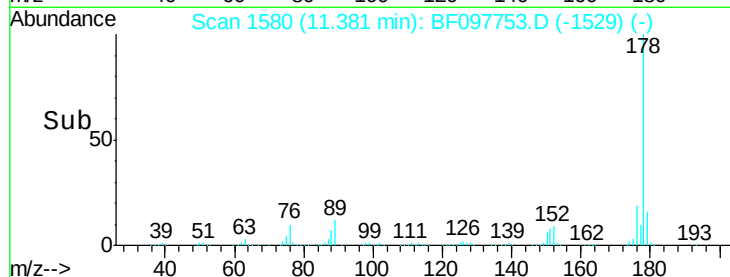
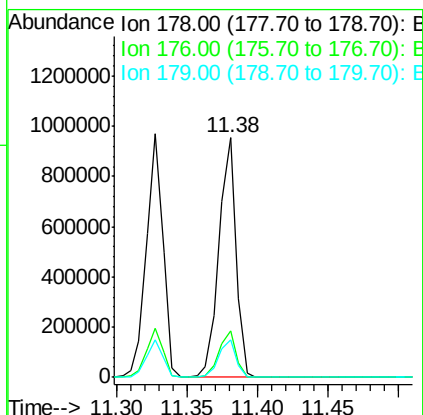
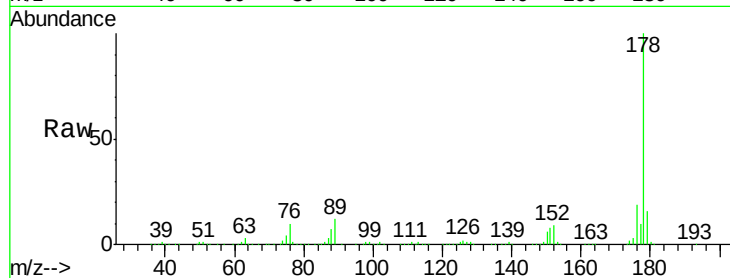




#71
 Anthracene
 Concen: 37.33 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BF097753.D
 Acq: 16 Aug 2017 21:57

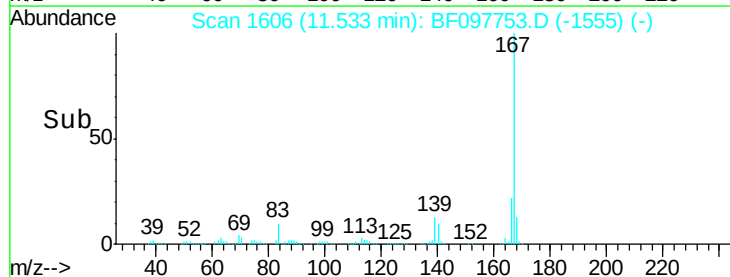
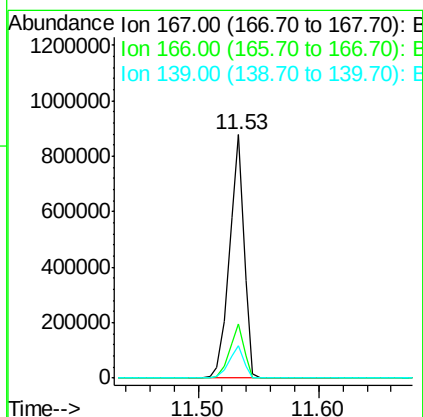
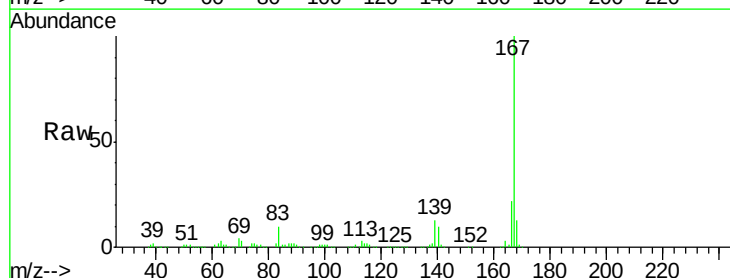
Instrument :
 BNA_F
 ClientSampleId :
 TP-106-JMSD

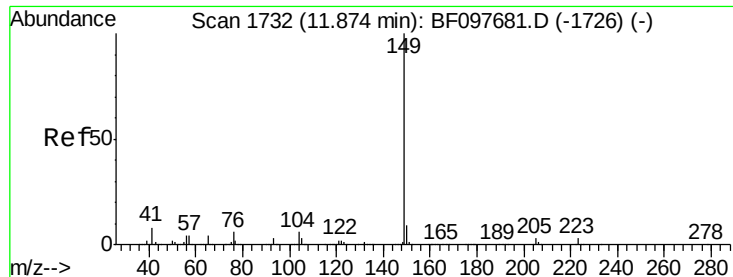
Tot Ion:178 Resp: 808522
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.8 12.7 19.1



#72
 Carbazole
 Concen: 35.78 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: BF097753.D
 Acq: 16 Aug 2017 21:57

Tgt Ion:167 Resp: 735614
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.1 27.1
 139 13.1 11.7 17.5





#73

Di-n-butylphthalate

Concen: 44.76 ng

RT: 11.87 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BF097753.D

Acq: 16 Aug 2017 21:57

Instrument :

BNA_F

ClientSampleId :

TP-106-JMSD

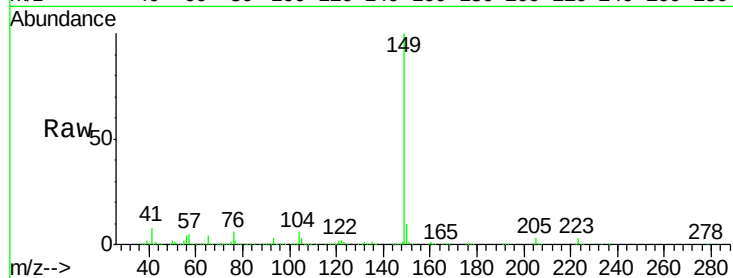
Tot Ion:149 Resp: 1059910

Ion Ratio Lower Upper

149 100

150 9.9 7.7 11.5

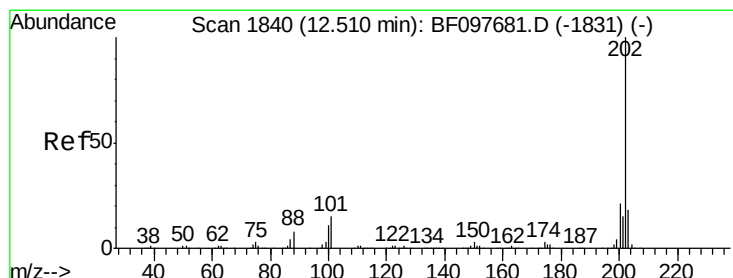
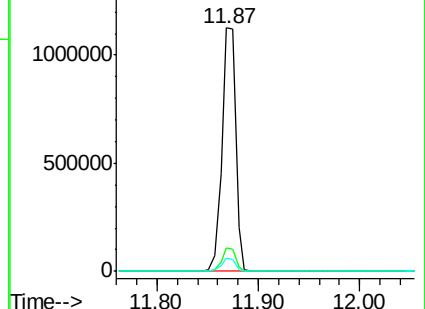
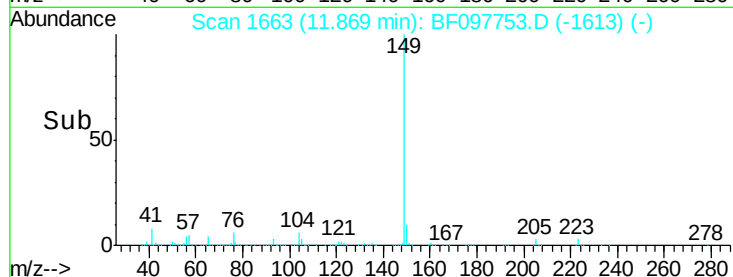
104 5.7 4.0 6.0



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: 32.80 ng

RT: 12.51 min Scan# 1772

Delta R.T. 0.00 min

Lab File: BF097753.D

Acq: 16 Aug 2017 21:57

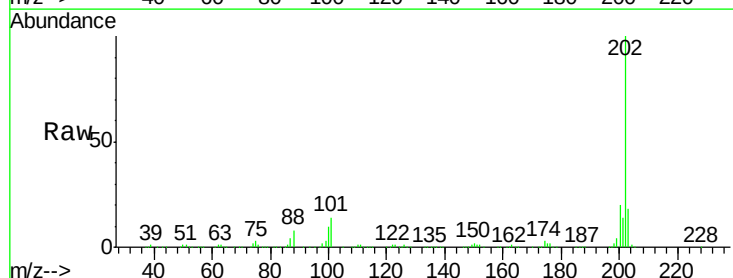
Tgt Ion:202 Resp: 731112

Ion Ratio Lower Upper

202 100

101 14.4 0.0 33.2

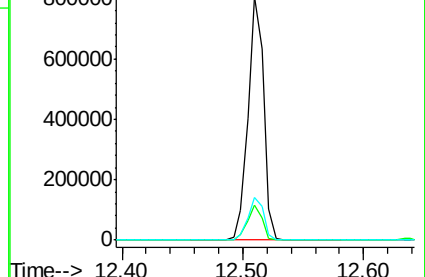
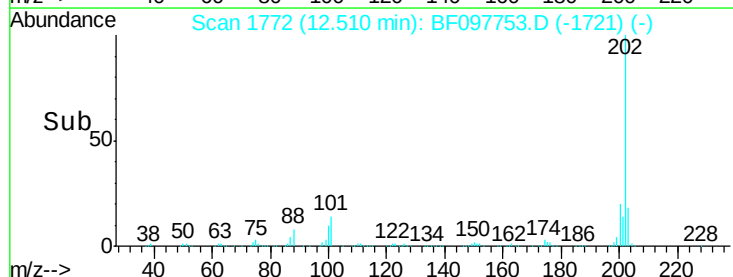
203 17.5 0.0 38.1

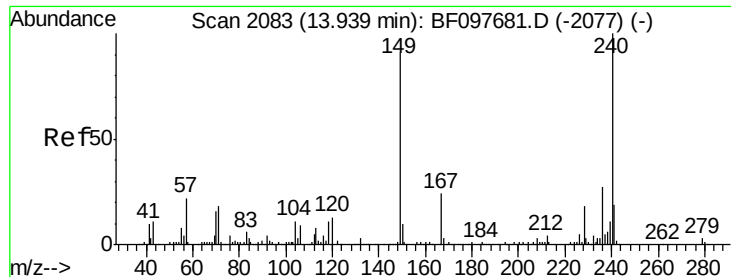


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.94 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BF097753.D

Acq: 16 Aug 2017 21:57

Instrument :

BNA_F

ClientSampleId :

TP-106-JMSD

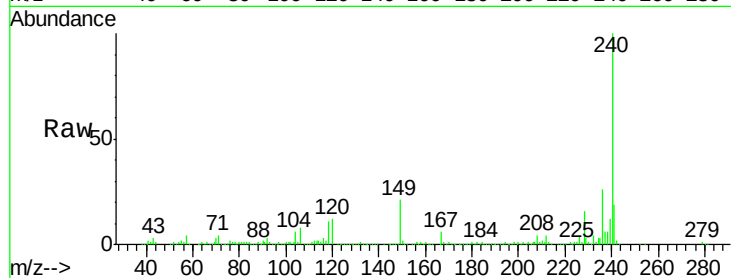
Tot Ion:240 Resp: 287607

Ion Ratio Lower Upper

240 100

120 12.4 5.8 8.8#

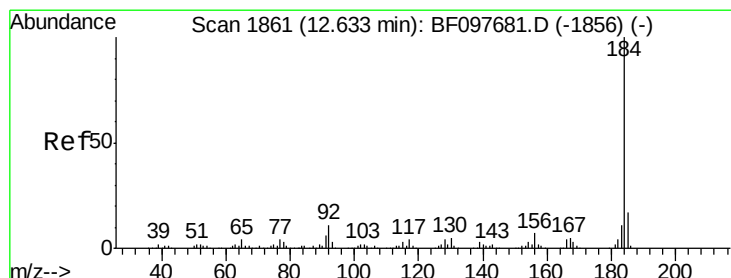
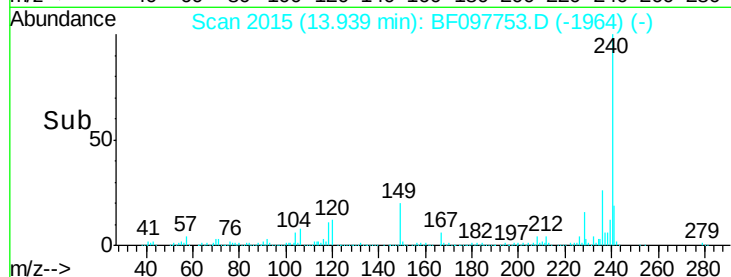
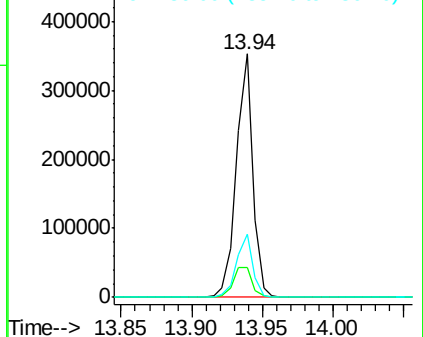
236 26.2 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 51.60 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF097753.D

Acq: 16 Aug 2017 21:57

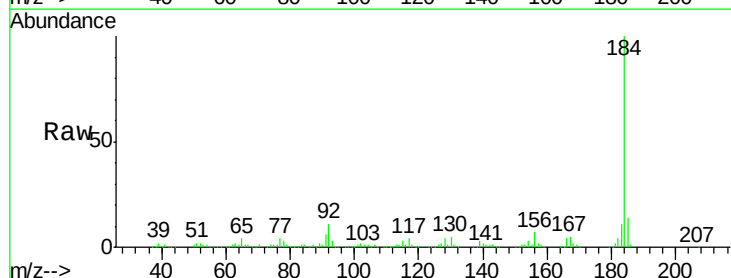
Tgt Ion:184 Resp: 486631

Ion Ratio Lower Upper

184 100

185 14.5 15.5 23.3#

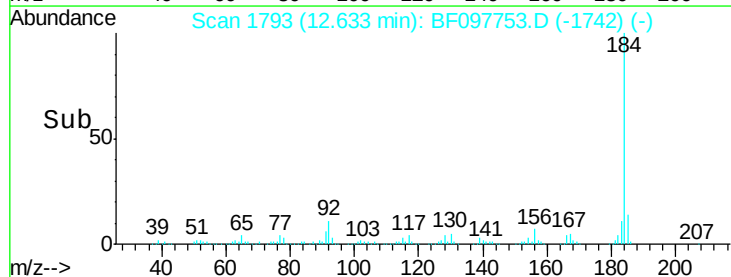
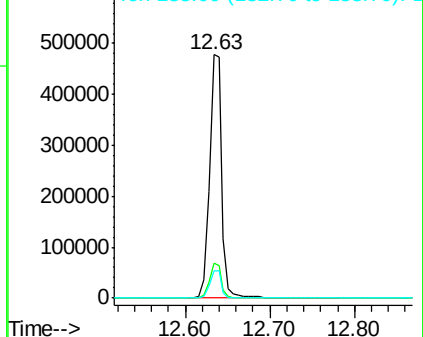
183 11.1 9.8 14.6

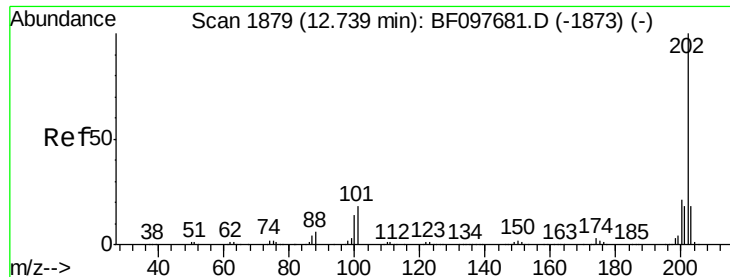


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

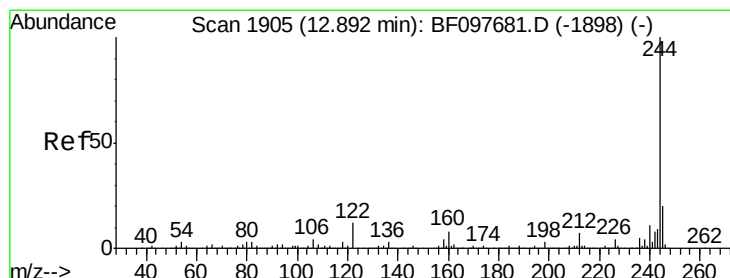
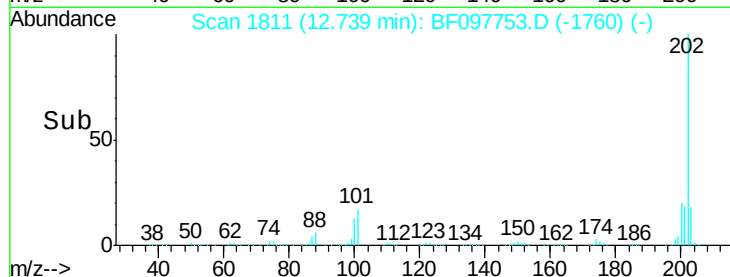
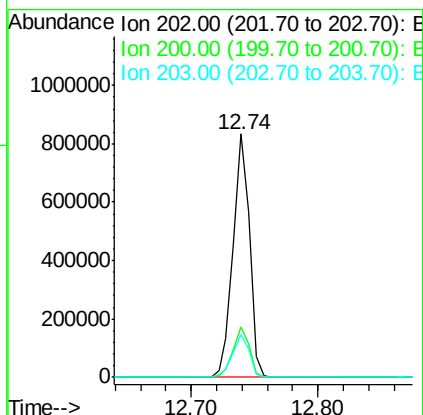
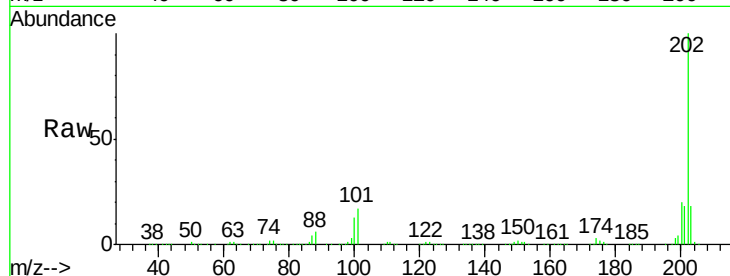




#77
Pvrene
Concen: 31.40 ng
RT: 12.74 min Scan# 1811
Delta R.T. 0.00 min
Lab File: BF097753.D
Acq: 16 Aug 2017 21:57

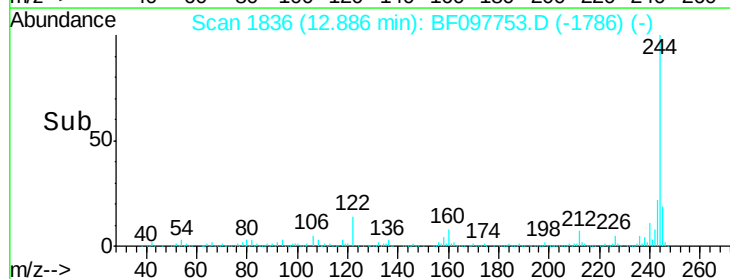
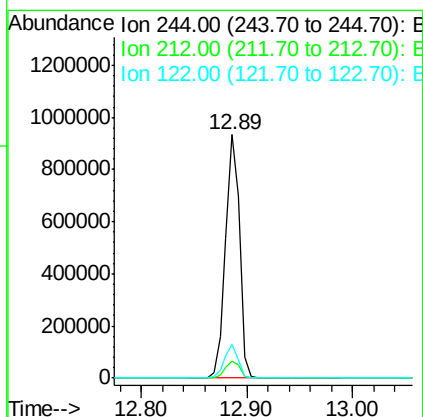
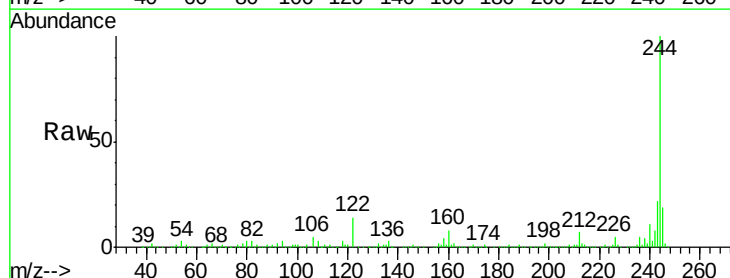
Instrument :
BNA_F
ClientSampleId :
TP-106-JMSD

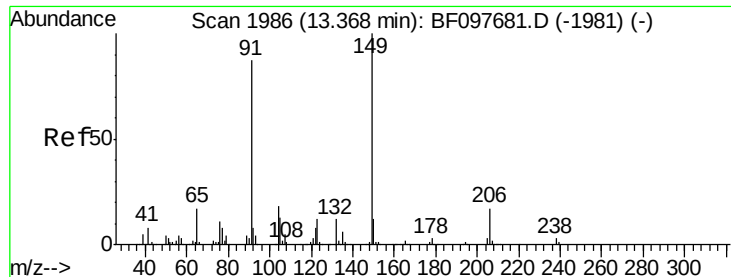
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.6	26.4
203	17.6	14.4	21.6



#78
Terphenyl-d14
Concen: 62.61 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BF097753.D
Acq: 16 Aug 2017 21:57

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	13.7	10.3	15.5





#79

Butylbenzylphthalate

Concen: 39.21 ng

RT: 13.37 min Scan# 1918

Delta R.T. 0.00 min

Lab File: BF097753.D

Acq: 16 Aug 2017 21:57

Instrument :

BNA_F

ClientSampleId :

TP-106-JMSD

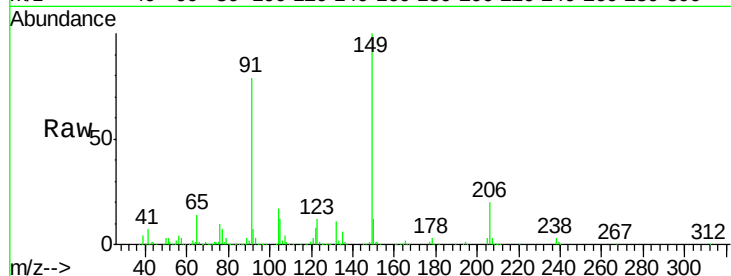
Tot Ion:149 Resp: 353663

Ion Ratio Lower Upper

149 100

91 79.4 45.0 67.4#

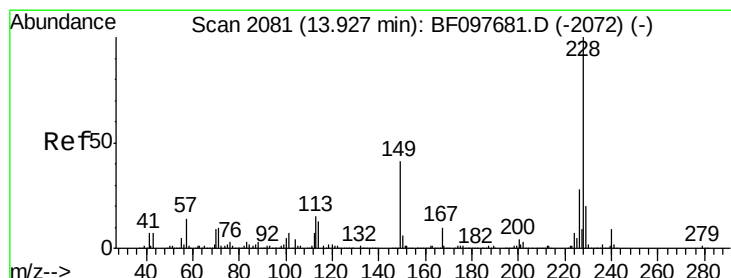
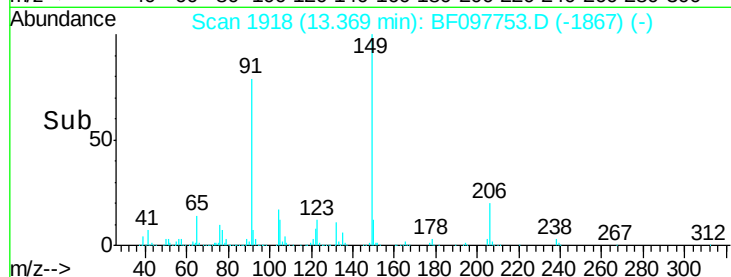
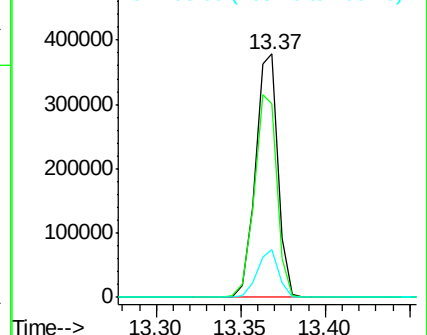
206 19.8 17.0 25.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 35.62 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF097753.D

Acq: 16 Aug 2017 21:57

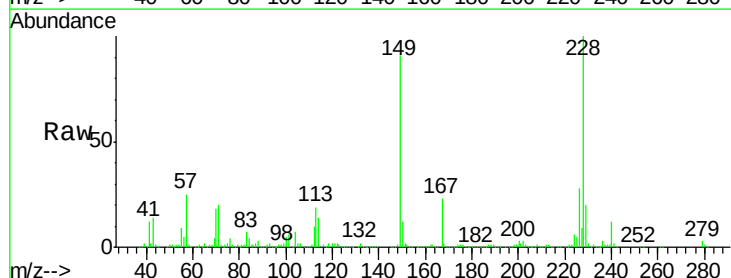
Tgt Ion:228 Resp: 613967

Ion Ratio Lower Upper

228 100

226 28.0 22.6 33.8

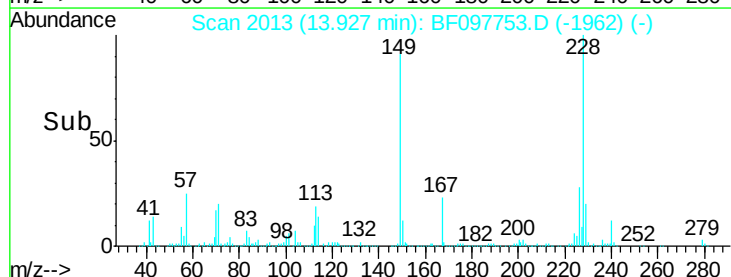
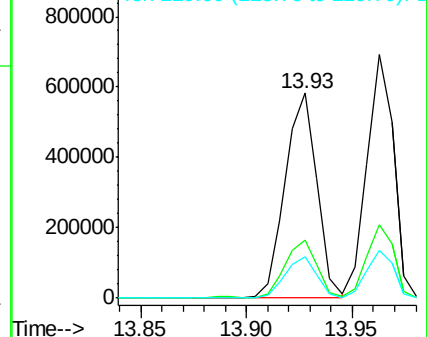
229 20.2 16.3 24.5

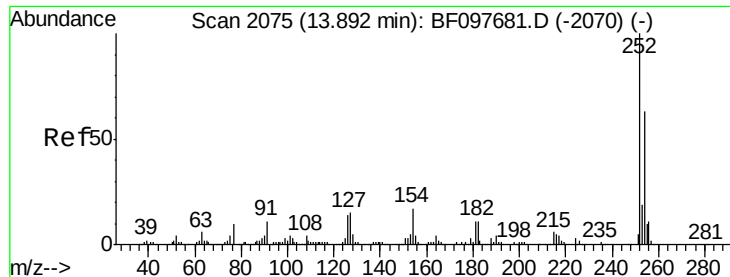


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

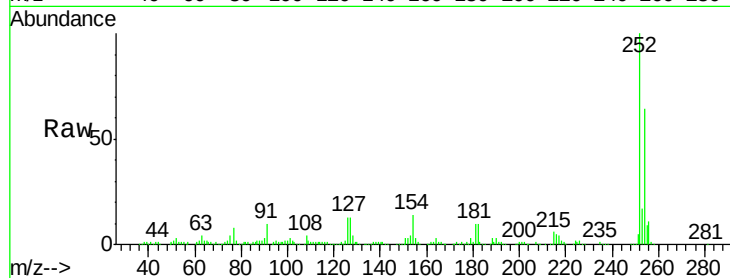




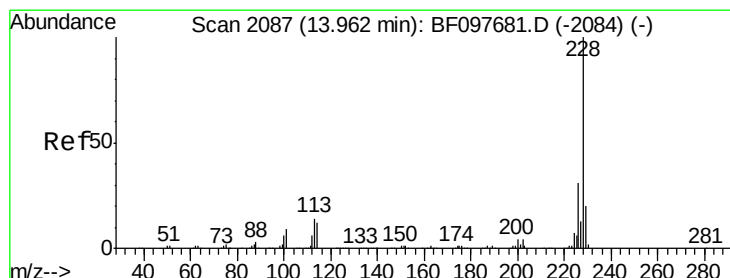
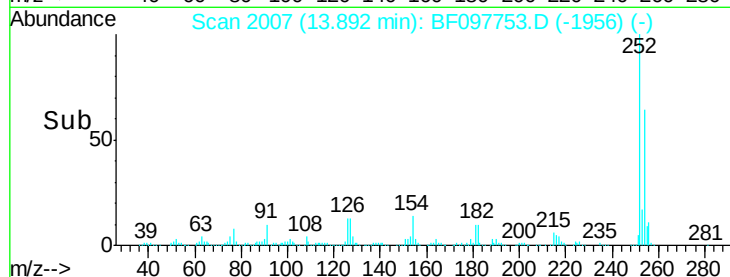
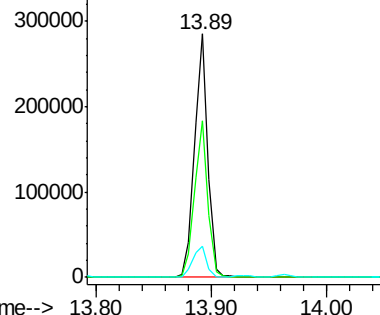
#81
 3,3'-Dichlorobenzidine
 Concen: 39.08 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. 0.00 min
 Lab File: BF097753.D
 Acq: 16 Aug 2017 21:57

Instrument :
 BNA_F
 ClientSampleId :
 TP-106-JMSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.5	77.3
126	12.9	15.8	23.8#

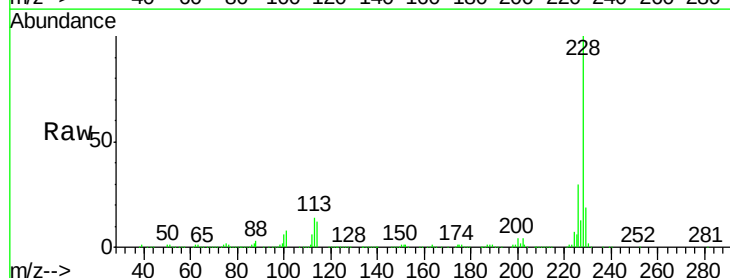


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

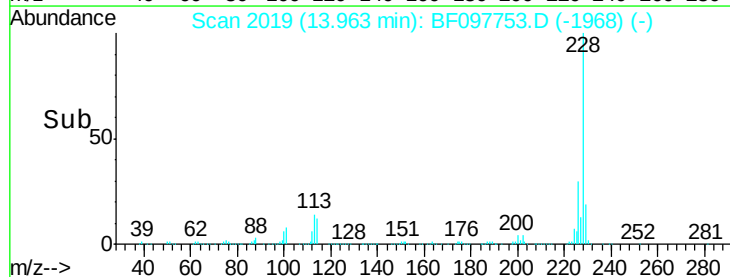
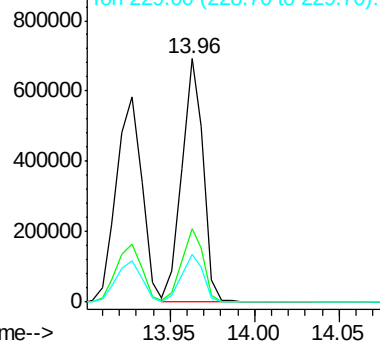


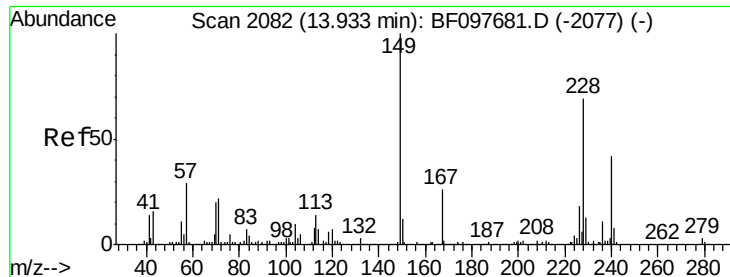
#82
 Chrysene
 Concen: 35.64 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF097753.D
 Acq: 16 Aug 2017 21:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	19.5	15.8	23.6



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.01 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF097753.D

Acq: 16 Aug 2017 21:57

Instrument :

BNA_F

ClientSampleId :

TP-106-JMSD

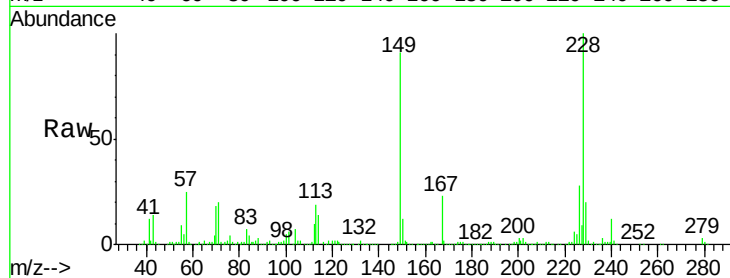
Tot Ion:149 Resp: 459835

Ion Ratio Lower Upper

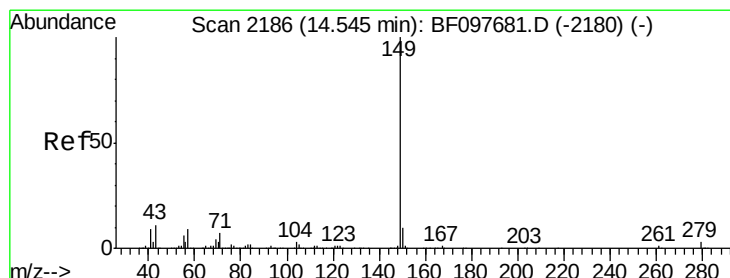
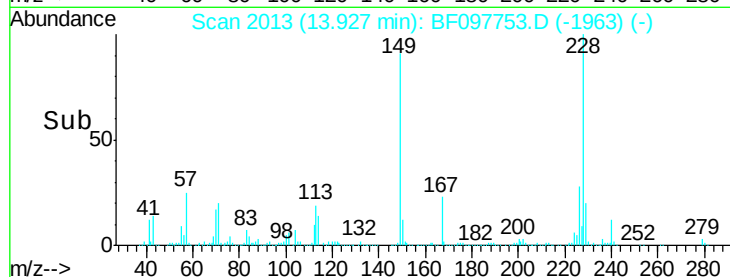
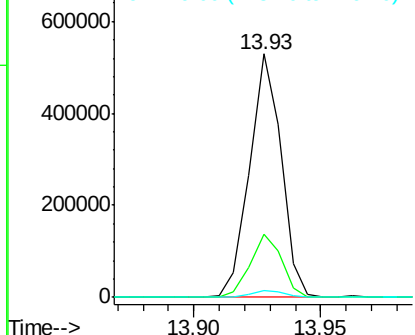
149 100

167 25.7 21.0 31.4

279 3.0 1.9 2.9#



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



#84

Di-n-octyl phthalate

Concen: 49.56 ng

RT: 14.54 min Scan# 2117

Delta R.T. -0.01 min

Lab File: BF097753.D

Acq: 16 Aug 2017 21:57

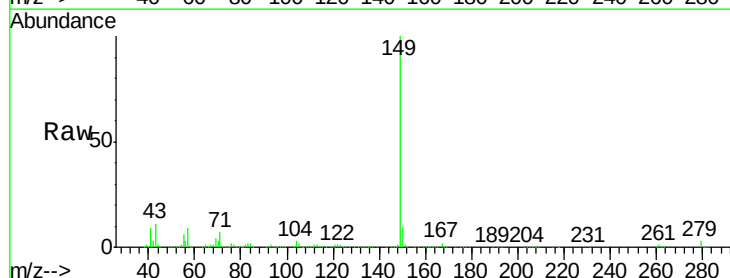
Tgt Ion:149 Resp: 861865

Ion Ratio Lower Upper

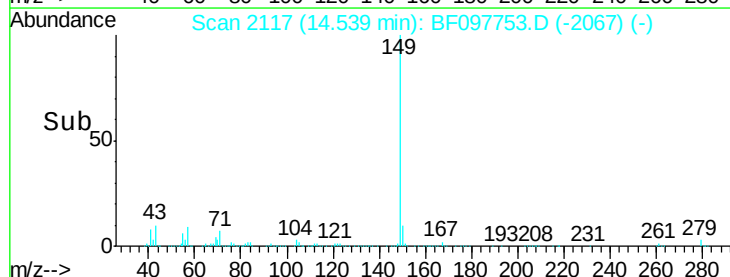
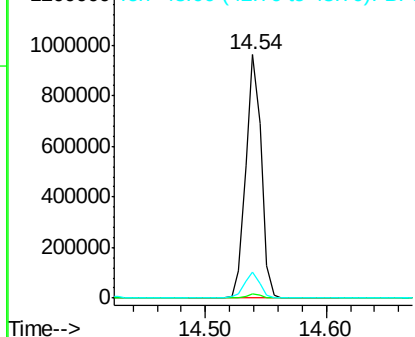
149 100

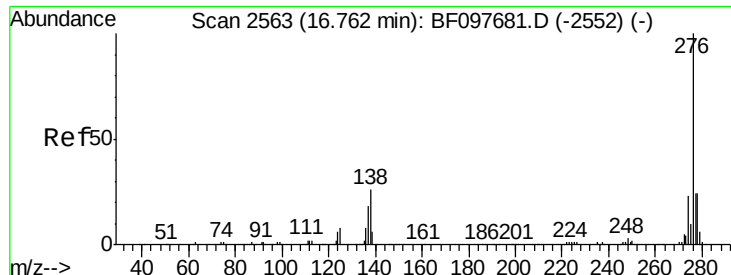
167 1.6 1.2 1.8

43 10.2 8.5 12.7



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

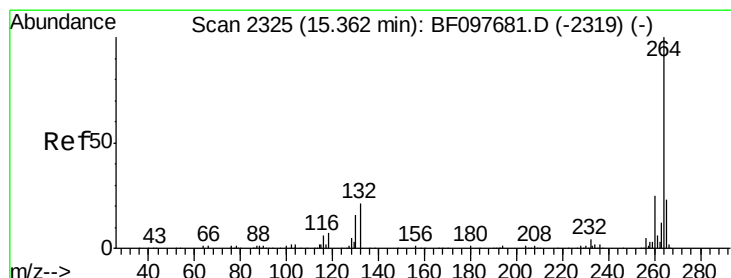
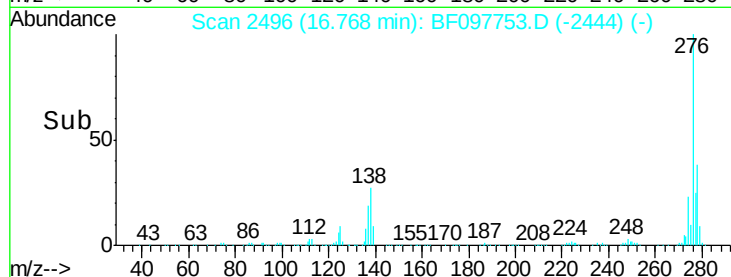
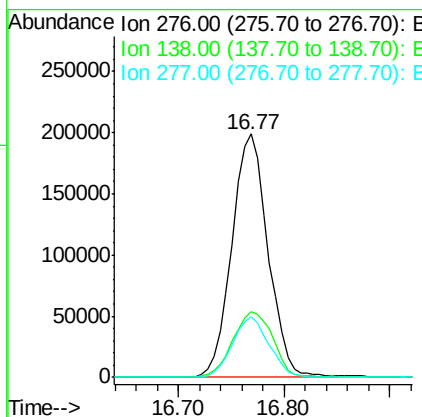
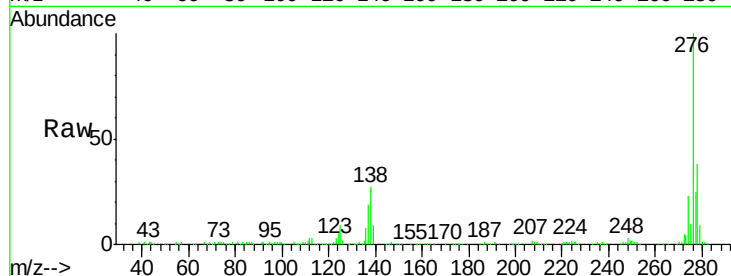




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.33 ng
 RT: 16.77 min Scan# 2496
 Delta R.T. 0.01 min
 Lab File: BF097753.D
 Acq: 16 Aug 2017 21:57

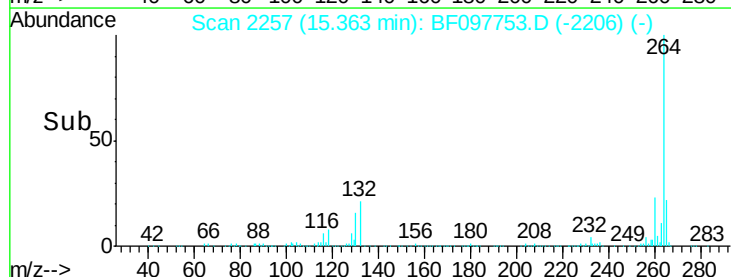
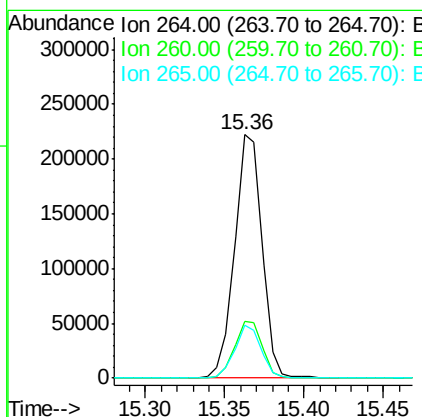
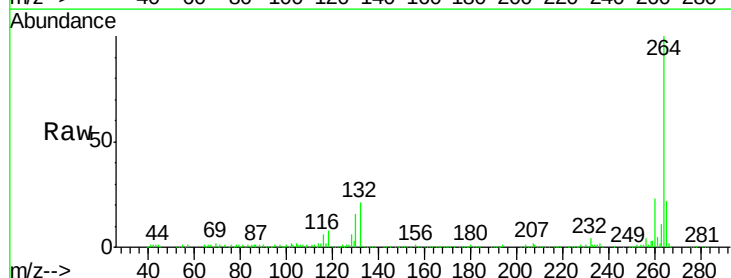
Instrument :
 BNA_F
 ClientSampleId :
 TP-106-JMSD

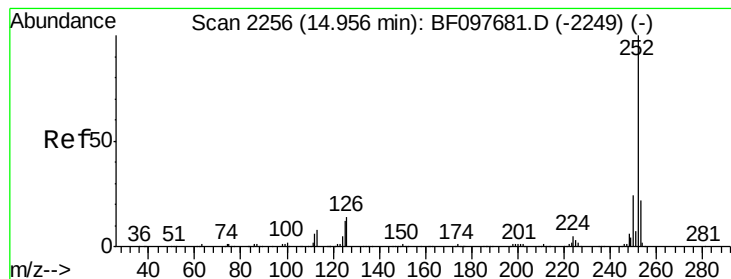
Tot Ion	Ratio	Lower	Upper
276	100		
138	30.4	27.8	41.6
277	25.3	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 2257
 Delta R.T. 0.00 min
 Lab File: BF097753.D
 Acq: 16 Aug 2017 21:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.5	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 36.08 ng

RT: 14.96 min Scan# 2188

Delta R.T. 0.00 min

Lab File: BF097753.D

Acq: 16 Aug 2017 21:57

Instrument :

BNA_F

ClientSampleId :

TP-106-JMSD

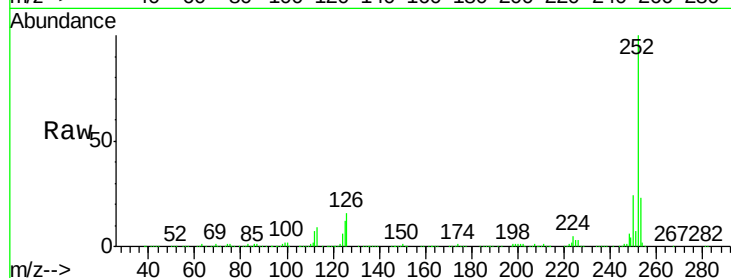
Tot Ion:252 Resp: 605255

Ion Ratio Lower Upper

252 100

253 22.8 18.1 27.1

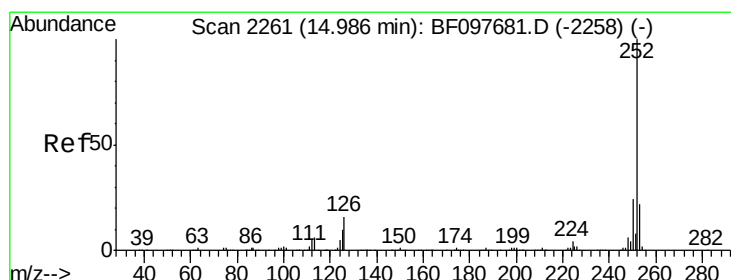
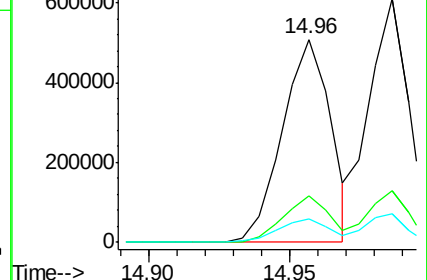
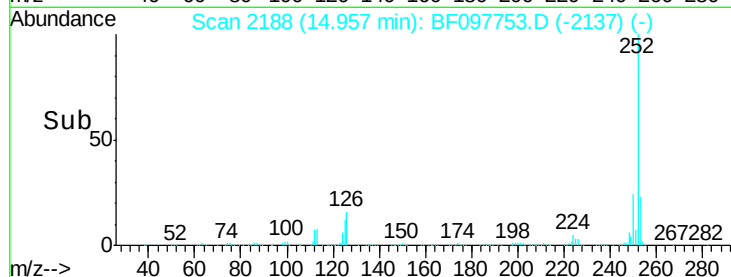
125 11.8 9.8 14.8



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



#88

Benzo(k)fluoranthene

Concen: 37.66 ng

RT: 14.99 min Scan# 2193

Delta R.T. 0.00 min

Lab File: BF097753.D

Acq: 16 Aug 2017 21:57

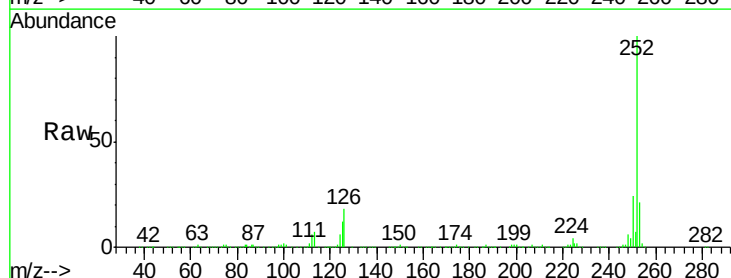
Tgt Ion:252 Resp: 593627

Ion Ratio Lower Upper

252 100

253 21.5 18.4 27.6

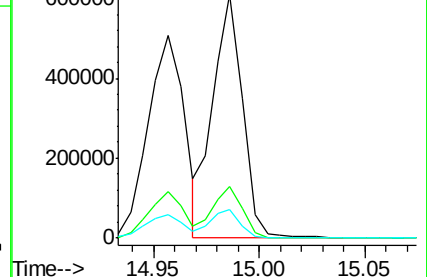
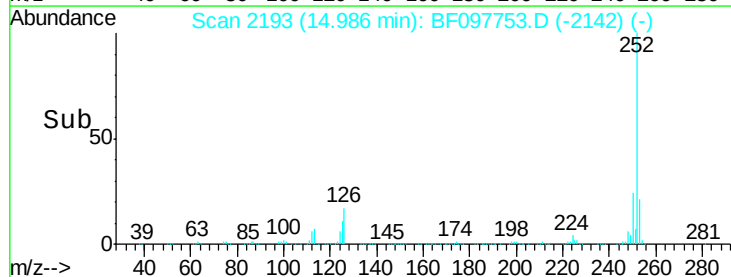
125 11.6 13.1 19.7#

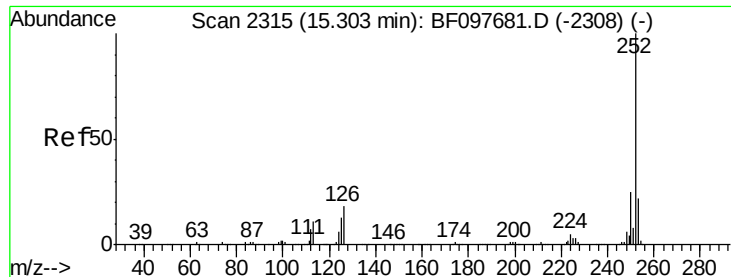


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.16 ng

RT: 15.31 min Scan# 2248

Delta R.T. 0.01 min

Lab File: BF097753.D

Acq: 16 Aug 2017 21:57

Instrument :

BNA_F

ClientSampleId :

TP-106-JMSD

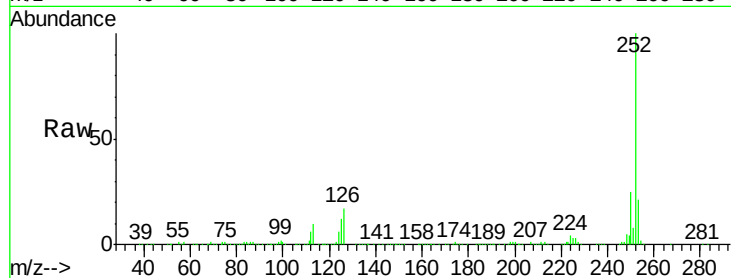
Tot Ion:252 Resp: 566750

Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

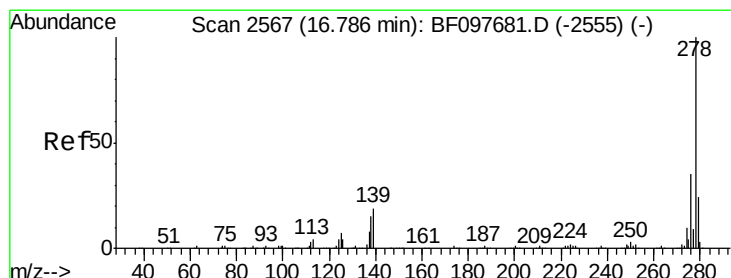
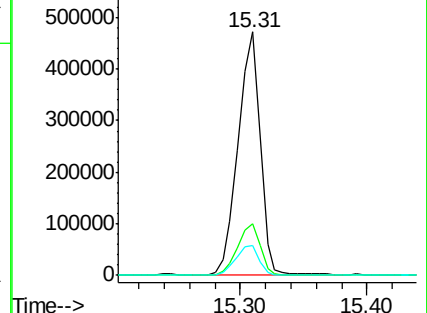
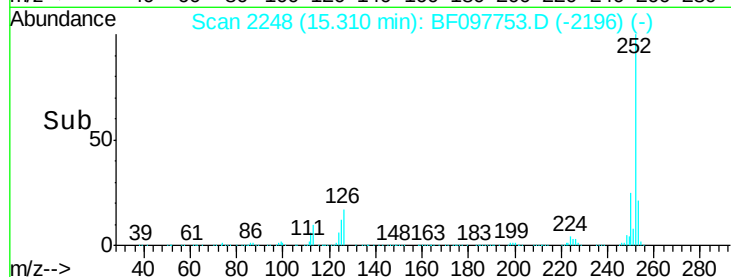
125 12.3 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 33.19 ng

RT: 16.79 min Scan# 2499

Delta R.T. 0.00 min

Lab File: BF097753.D

Acq: 16 Aug 2017 21:57

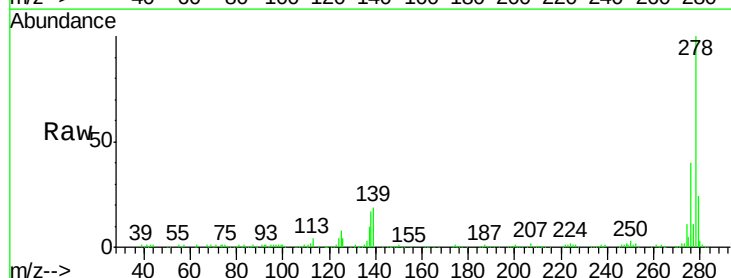
Tgt Ion:278 Resp: 401346

Ion Ratio Lower Upper

278 100

139 19.1 16.6 24.8

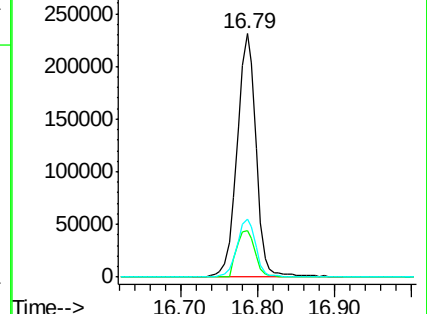
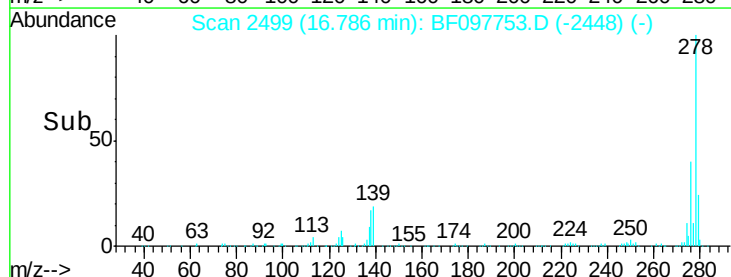
279 24.0 19.3 28.9

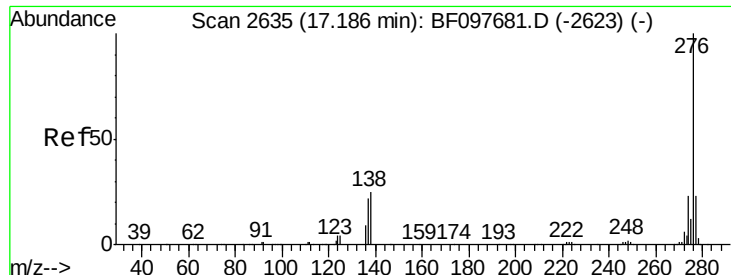


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 29.27 ng
 RT: 17.19 min Scan# 2567
 Delta R.T. 0.00 min
 Lab File: BF097753.D
 Acq: 16 Aug 2017 21:57

Instrument :
 BNA_F
 ClientSampleId :
 TP-106-JMSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	28.0
138	25.8	25.4	38.0

