

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082217\
 Data File : BF097971.D
 Acq On : 22 Aug 2017 23:27
 Operator : SJ/JU
 Sample : I4872-16MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMPMSD

Quant Time: Aug 23 01:08:09 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	138182	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	557324	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	244135	20.00	ng	0.00
63) Phenanthrene-d10	11.27	188	411491	20.00	ng	0.00
75) Chrysene-d12	13.90	240	266055	20.00	ng	0.00
86) Perylene-d12	15.32	264	252291	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1008134	110.97	ng	0.02
7) Phenol-d6	6.40	99	1375461	111.43	ng	0.01
23) Nitrobenzene-d5	7.32	82	892832	87.03	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	204080	96.34	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	1283400	77.24	ng	0.00
78) Terphenyl-d14	12.85	244	854827	67.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.47	88	135474	26.74	ng	89
3) Pyridine	3.20	79	356574	25.46	ng	86
4) n-Nitrosodimethylamine	3.13	42	171337	31.79	ng	79
6) Aniline	6.42	93	450722	25.99	ng	# 92
8) 2-Chlorophenol	6.54	128	331050	34.55	ng	97
9) Benzaldehyde	6.30	77	287846	36.82	ng	87
10) Phenol	6.41	94	499345	34.59	ng	92
11) bis(2-Chloroethyl)ether	6.49	93	379145	34.80	ng	96
12) 1,3-Dichlorobenzene	6.69	146	312334	30.31	ng	# 93
13) 1,4-Dichlorobenzene	6.77	146	317072	30.25	ng	# 94
14) 1,2-Dichlorobenzene	6.92	146	301670	31.22	ng	99
15) Benzyl Alcohol	6.90	79	338639	36.64	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.03	45	501116	34.18	ng	90
17) 2-Methylphenol	7.02	107	300842	35.63	ng	95
18) Hexachloroethane	7.26	117	116446	28.34	ng	# 82
19) n-Nitroso-di-n-propylamine	7.17	70	287324	34.00	ng	88
20) 3+4-Methylphenols	7.16	107	353489	34.28	ng	# 87
22) Acetophenone	7.16	105	498692	33.87	ng	# 91
24) Nitrobenzene	7.34	77	436962	38.25	ng	95
25) Isophorone	7.57	82	796903	37.36	ng	96
26) 2-Nitrophenol	7.65	139	122099	31.53	ng	# 78
27) 2,4-Dimethylphenol	7.69	122	298382	33.54	ng	96
28) bis(2-Chloroethoxy)methane	7.79	93	516129	36.80	ng	98
29) 2,4-Dichlorophenol	7.89	162	255043	34.53	ng	93
30) 1,2,4-Trichlorobenzene	7.97	180	272352	33.27	ng	99
31) Naphthalene	8.06	128	967106	33.43	ng	100
32) Benzoic acid	7.69	122	298382	46.29	ng	# 16
33) 4-Chloroaniline	8.10	127	339538	27.83	ng	98
34) Hexachlorobutadiene	8.17	225	151088	31.61	ng	97
35) Caprolactam	8.47	113	71686	28.55	ng	98
36) 4-Chloro-3-methylphenol	8.59	107	307291	32.39	ng	# 79
37) 2-Methylnaphthalene	8.75	142	643980	36.30	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	264052	35.24	ng	98
40) Hexachlorocyclopentadiene	8.90	237	110013	30.56	ng	98

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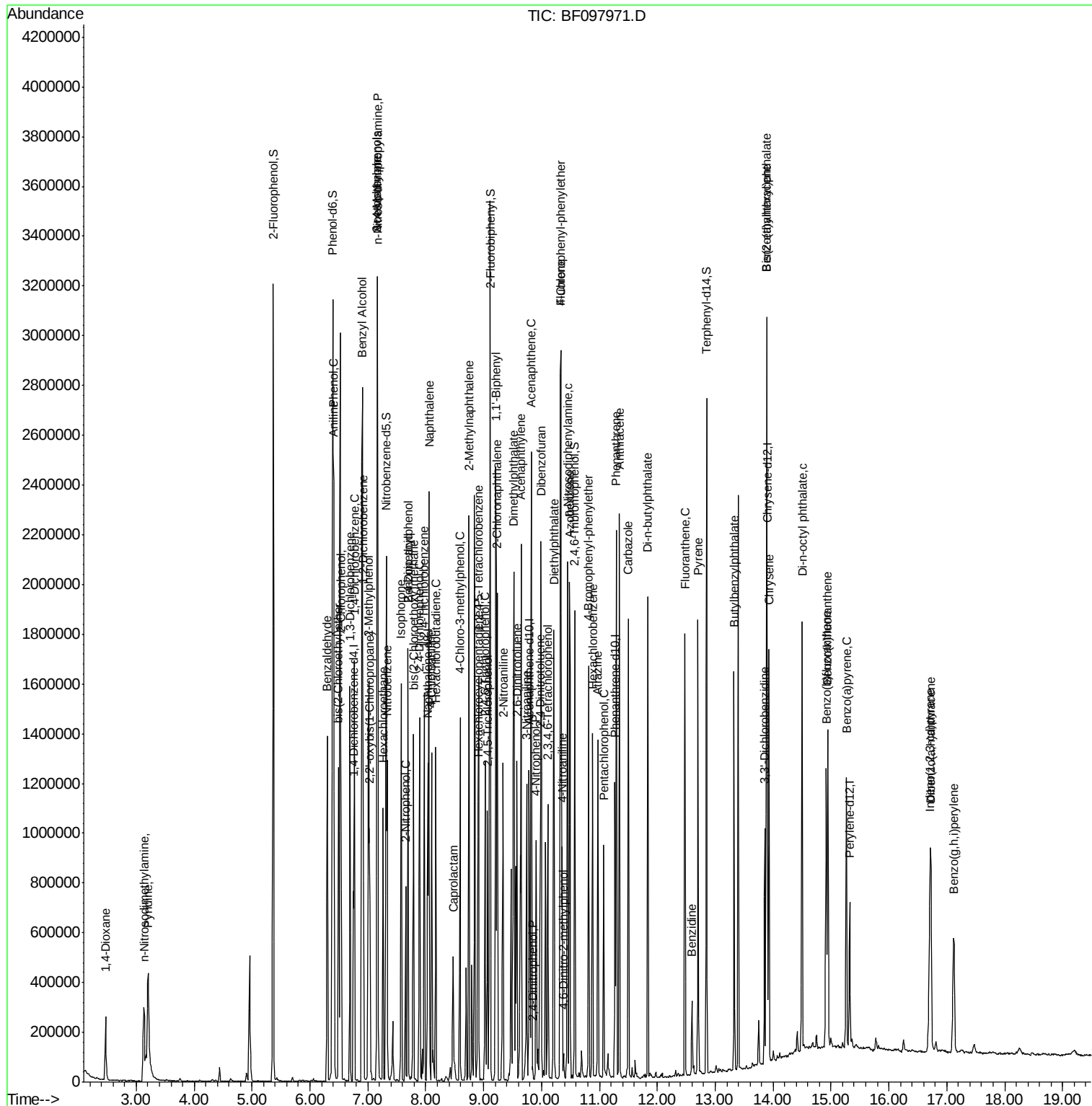
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	162568	32.32	nq	98
43) 2,4,5-Trichlorophenol	9.07	196	156491	31.36	nq	96
45) 1,1'-Biphenyl	9.21	154	760843	34.18	nq	96
46) 2-Chloronaphthalene	9.23	162	557664	33.90	nq	# 91
47) 2-Nitroaniline	9.33	65	229730	41.66	nq	96
48) Acenaphthylene	9.65	152	884912	34.26	nq	100
49) Dimethylphthalate	9.52	163	933553	52.31	nq	100
50) 2,6-Dinitrotoluene	9.57	165	139820	39.25	nq	# 52
51) Acenaphthene	9.82	154	531597	32.63	nq	99
52) 3-Nitroaniline	9.75	138	164658	35.83	nq	88
53) 2,4-Dinitrophenol	9.85	184	5598	13.03	nq	# 78
54) Dibenzofuran	9.99	168	796201	36.47	nq	99
55) 4-Nitrophenol	9.91	139	147926	40.35	nq	# 51
56) 2,4-Dinitrotoluene	9.97	165	172913	38.68	nq	# 47
57) Fluorene	10.33	166	570949	33.82	nq	96
58) 2,3,4,6-Tetrachlorophenol	10.11	232	110956	28.72	nq	97
59) Diethylphthalate	10.22	149	722580	38.72	nq	99
60) 4-Chlorophenyl-phenylether	10.33	204	278989	35.57	nq	91
61) 4-Nitroaniline	10.36	138	153642	35.17	nq	# 72
62) Azobenzene	10.49	77	816915	36.85	nq	93
64) 4,6-Dinitro-2-methylphenol	10.38	198	9031	12.17	nq	91
65) n-Nitrosodiphenylamine	10.45	169	546620	39.01	nq	99
66) 4-Bromophenyl-phenylether	10.82	248	169746	39.72	nq	98
67) Hexachlorobenzene	10.88	284	157753	36.22	nq	# 87
68) Atrazine	10.97	200	150232	40.43	nq	97
69) Pentachlorophenol	11.07	266	89196	35.12	nq	99
70) Phenanthrene	11.29	178	789097	35.99	nq	100
71) Anthracene	11.35	178	785359	35.31	nq	99
72) Carbazole	11.50	167	708775	33.57	nq	98
73) Di-n-butylphthalate	11.83	149	1025288	42.16	nq	99
74) Fluoranthene	12.48	202	729982	31.90	nq	97
76) Benzidine	12.60	184	106642	12.22	nq	93
77) Pyrene	12.70	202	733882	33.73	nq	99
79) Butylbenzylphthalate	13.33	149	354423	42.48	nq	# 68
80) Benzo(a)anthracene	13.89	228	545240	34.19	nq	99
81) 3,3'-Dichlorobenzidine	13.86	252	173480	32.24	nq	# 95
82) Chrysene	13.93	228	550590	34.71	nq	98
83) Bis(2-ethylhexyl)phthalate	13.89	149	449458	48.62	nq	# 100
84) Di-n-octyl phthalate	14.50	149	818366	50.88	nq	100
85) Indeno(1,2,3-cd)pyrene	16.71	276	484369	41.51	nq	93
87) Benzo(b)fluoranthene	14.92	252	586113	36.86	nq	100
88) Benzo(k)fluoranthene	14.94	252	510253	34.15	nq	# 94
89) Benzo(a)pyrene	15.27	252	526789	37.42	nq	98
90) Dibenzo(a,h)anthracene	16.73	278	405963	35.42	nq	97
91) Benzo(g,h,i)perylene	17.12	276	383046	32.03	nq	# 92

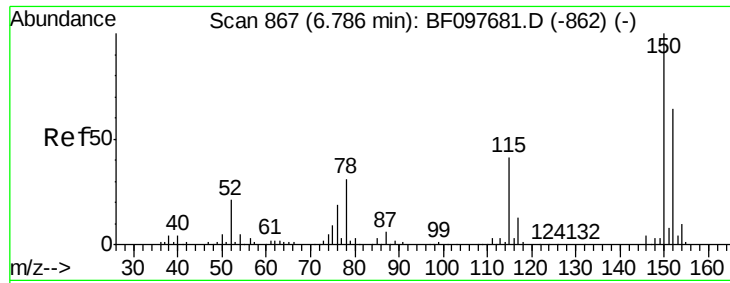
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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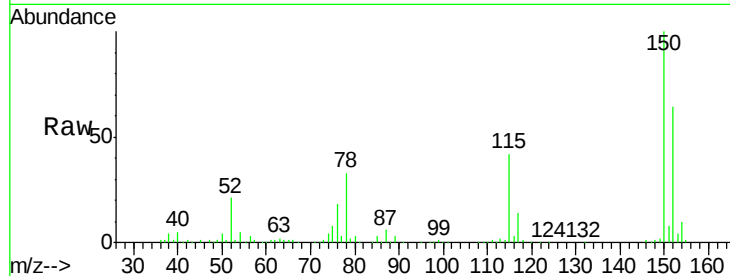


#1

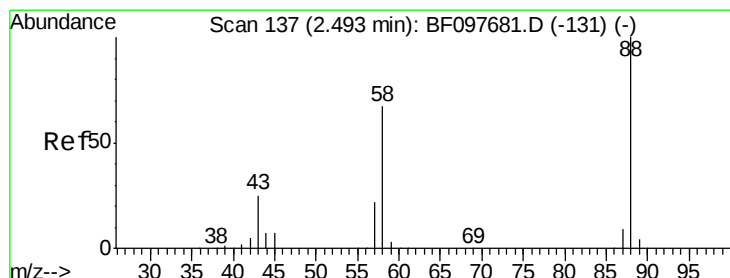
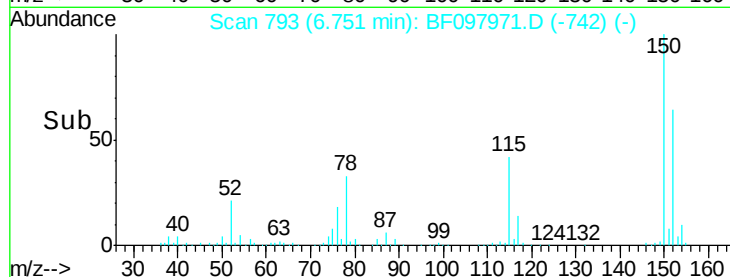
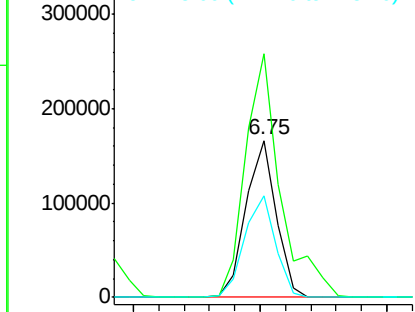
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF097971.D
Acq: 22 Aug 2017 23:27

Instrument :
BNA_F
ClientSampleId :
SB-15-COMPMSD

Tot Ion:152 Resp: 138182
Ion Ratio Lower Upper
152 100
150 155.5 126.2 189.2
115 64.6 52.2 78.2



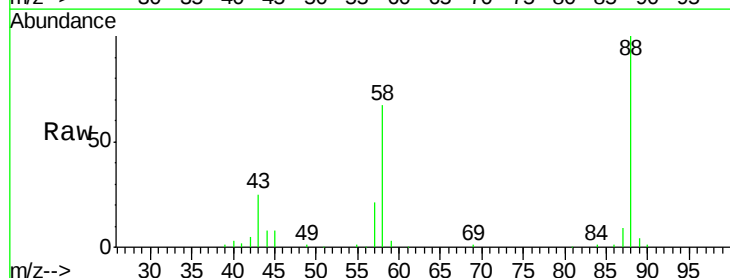
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



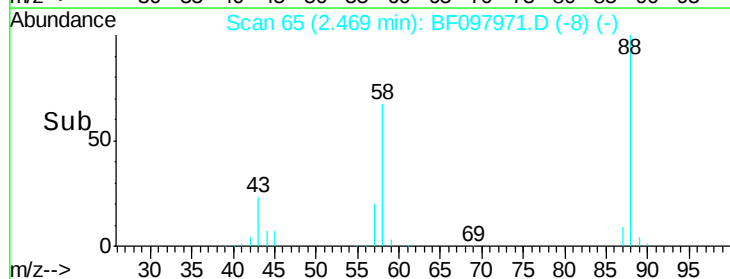
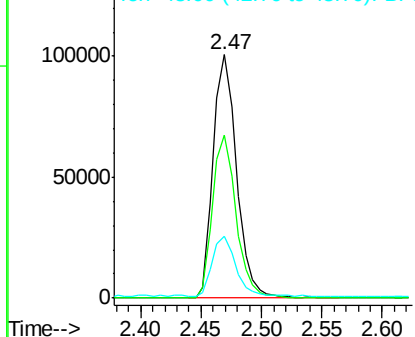
#2

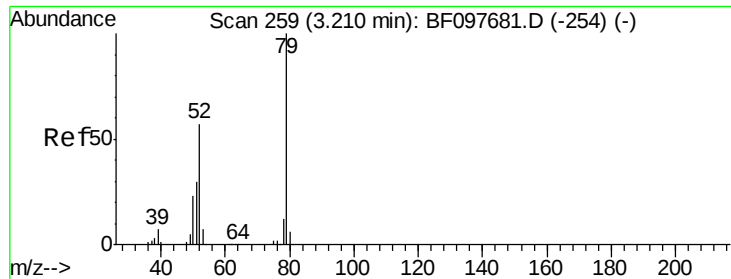
1,4-Dioxane
Concen: 26.74 ng
RT: 2.47 min Scan# 65
Delta R.T. 0.04 min
Lab File: BF097971.D
Acq: 22 Aug 2017 23:27

Tgt Ion: 88 Resp: 135474
Ion Ratio Lower Upper
88 100
58 66.9 61.4 92.0
43 24.4 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: 25.46 ng

RT: 3.20 min Scan# 190

Delta R.T. 0.07 min

Lab File: BF097971.D

Acq: 22 Aug 2017 23:27

Instrument :

BNA_F

ClientSampleId :

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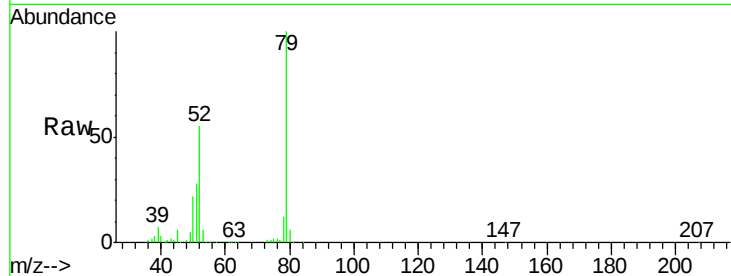
Tot Ion: 79 Resp: 356574

Ion Ratio Lower Upper

79 100

52 55.4 54.8 82.2

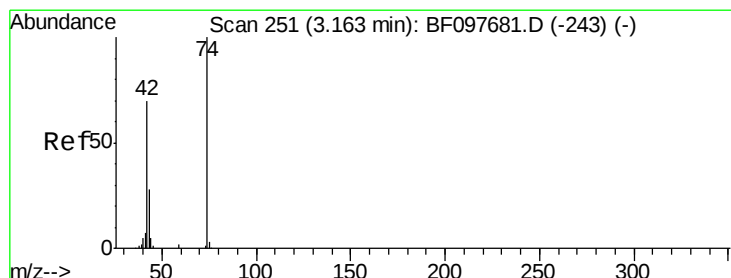
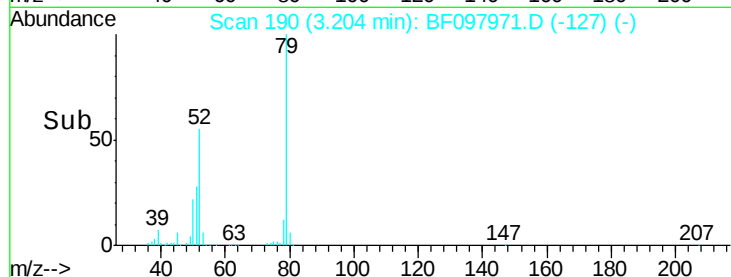
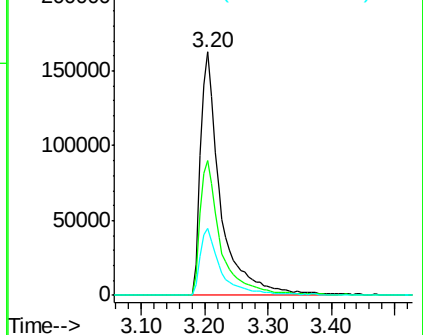
51 27.6 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 31.79 ng

RT: 3.13 min Scan# 178

Delta R.T. 0.03 min

Lab File: BF097971.D

Acq: 22 Aug 2017 23:27

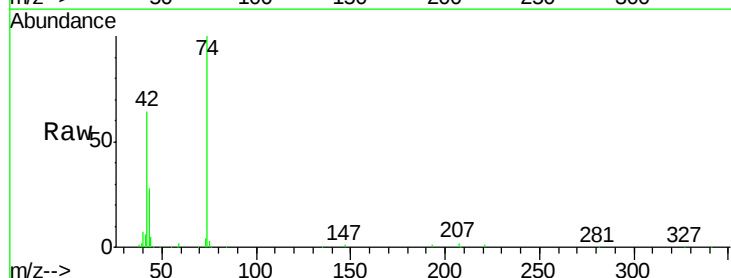
Tgt Ion: 42 Resp: 171337

Ion Ratio Lower Upper

42 100

74 155.6 103.9 155.9

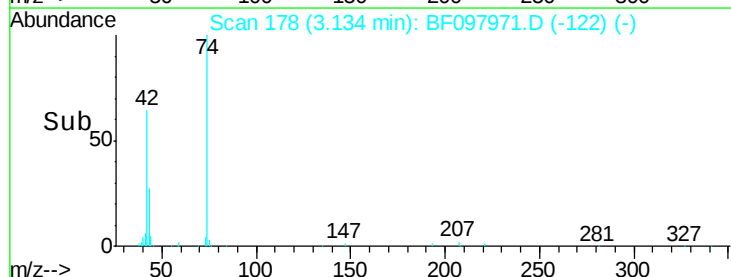
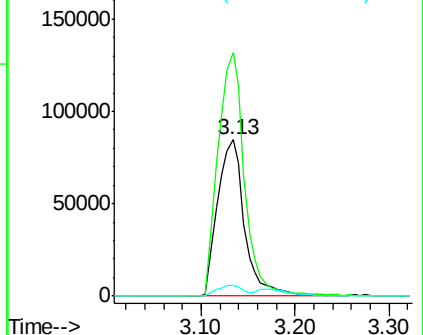
44 7.2 5.7 8.5

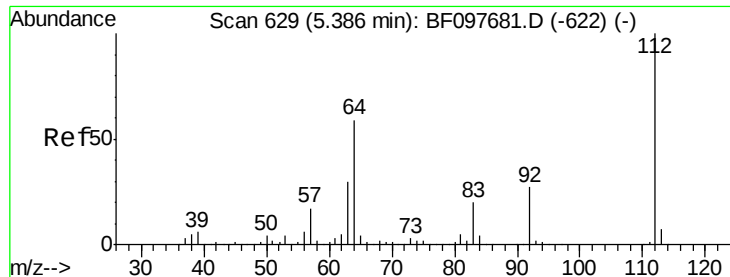


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 110.97 ng

RT: 5.37 min Scan# 558

Delta R.T. 0.02 min

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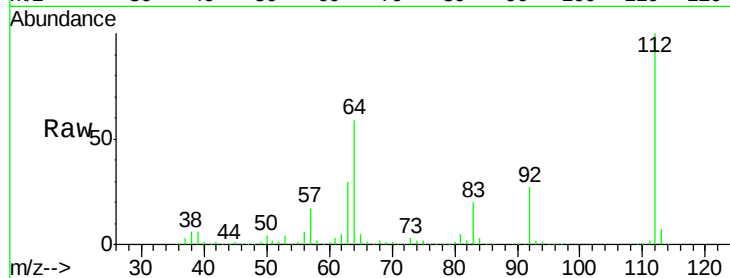
Tot Ion:112 Resp: 1008134

Ion Ratio Lower Upper

112 100

64 58.8 46.0 69.0

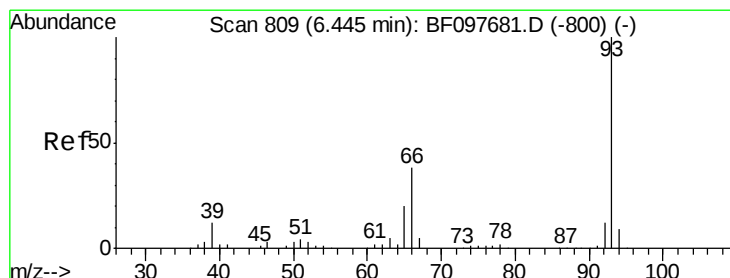
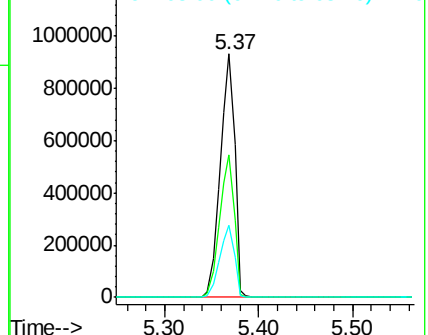
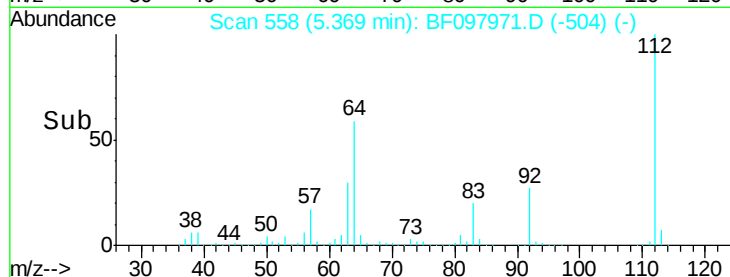
63 29.5 23.4 35.0



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: 25.99 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF097971.D

Acq: 22 Aug 2017 23:27

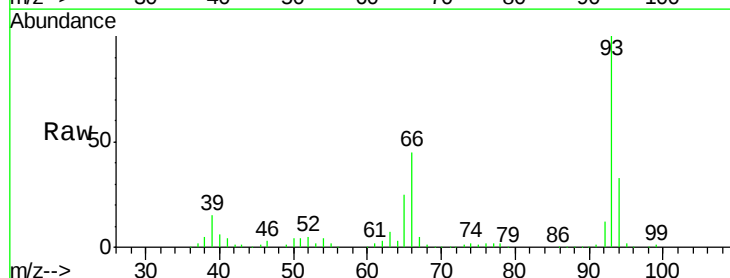
Tgt Ion: 93 Resp: 450722

Ion Ratio Lower Upper

93 100

66 44.9 32.9 49.3

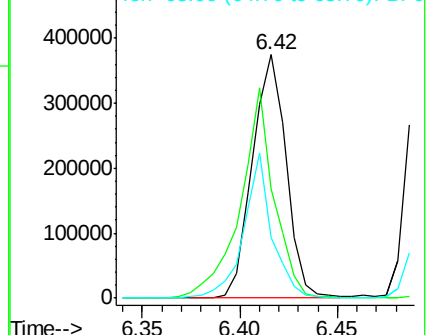
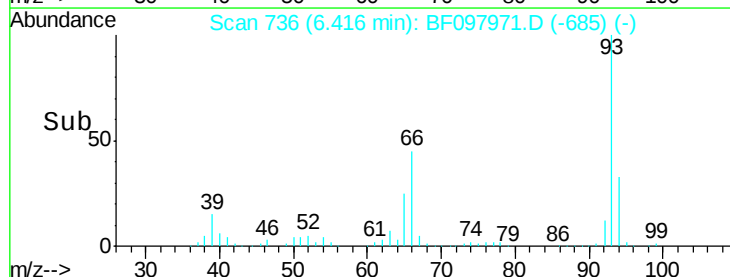
65 24.8 16.0 24.0#

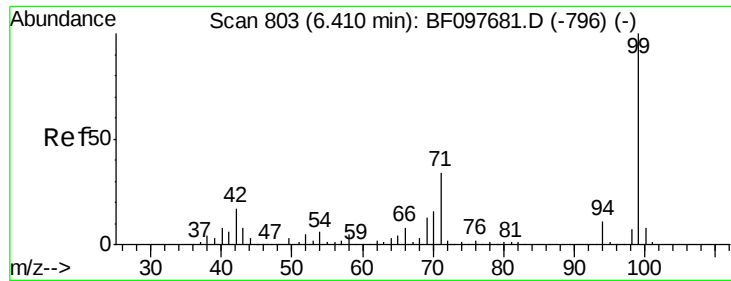


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 111.43 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

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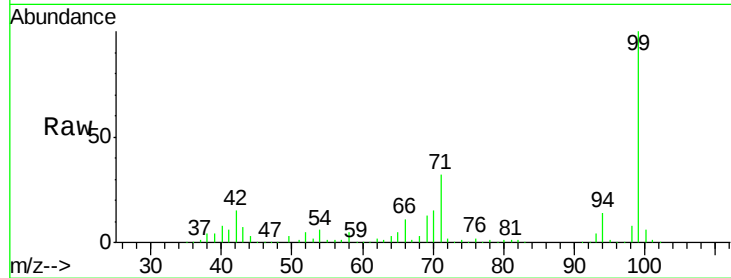
Tot Ion: 99 Resp: 1375461

Ion Ratio Lower Upper

99 100

42 15.0 13.5 20.3

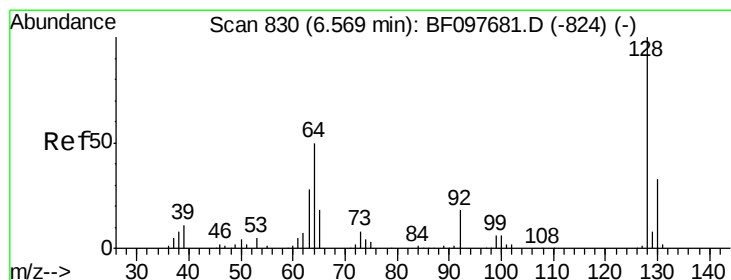
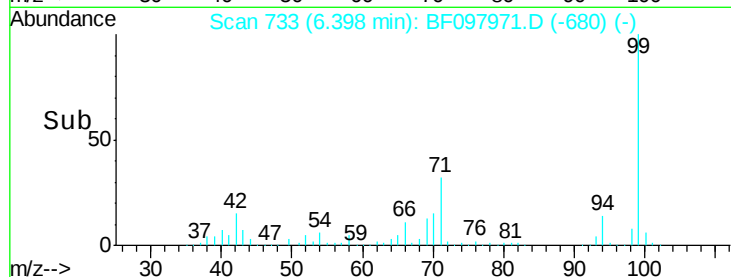
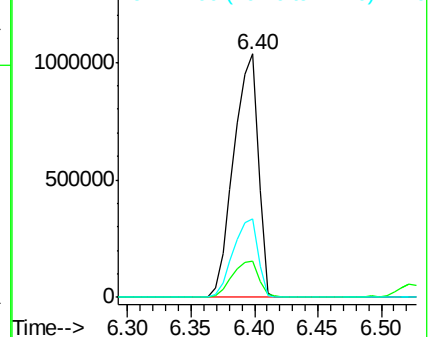
71 32.3 24.5 36.7



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: 34.55 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

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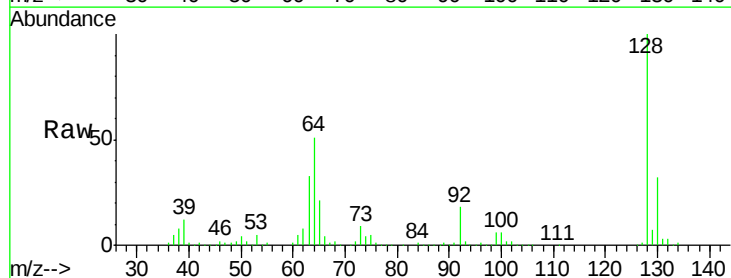
Tgt Ion:128 Resp: 331050

Ion Ratio Lower Upper

128 100

130 32.4 12.9 52.9

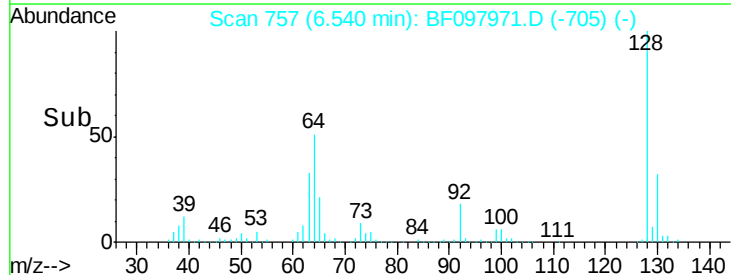
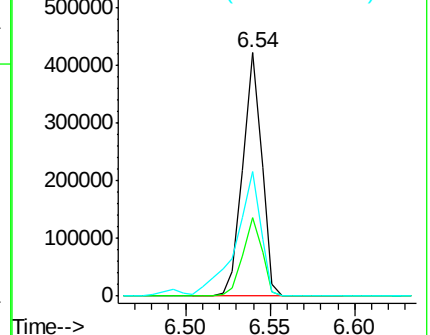
64 51.4 28.4 68.4

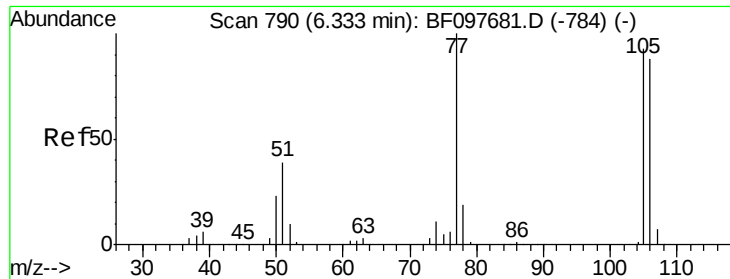


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 36.82 ng

RT: 6.30 min Scan# 716

Delta R.T. 0.00 min

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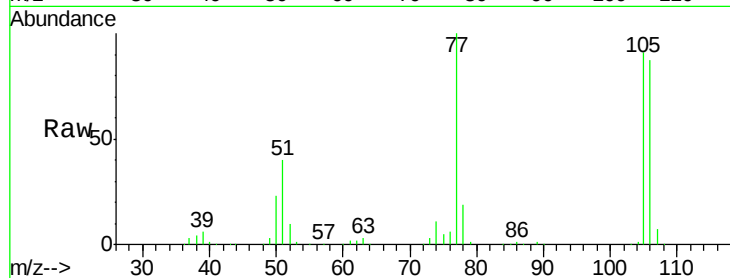
Tot Ion: 77 Resp: 287846

Ion Ratio Lower Upper

77 100

105 91.0 83.8 123.8

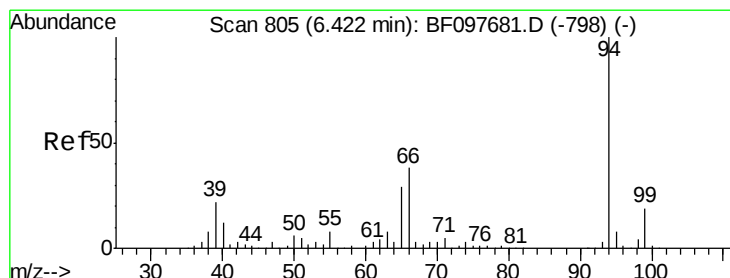
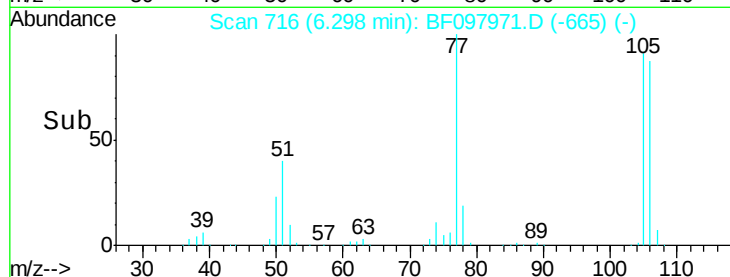
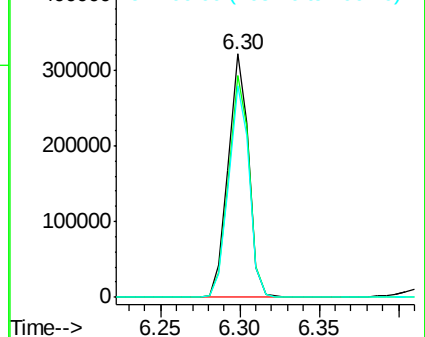
106 86.7 79.1 119.1



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: 34.59 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF097971.D

Acq: 22 Aug 2017 23:27

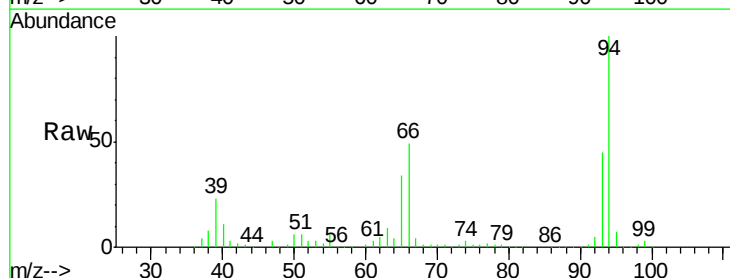
Tgt Ion: 94 Resp: 499345

Ion Ratio Lower Upper

94 100

65 33.8 9.9 49.9

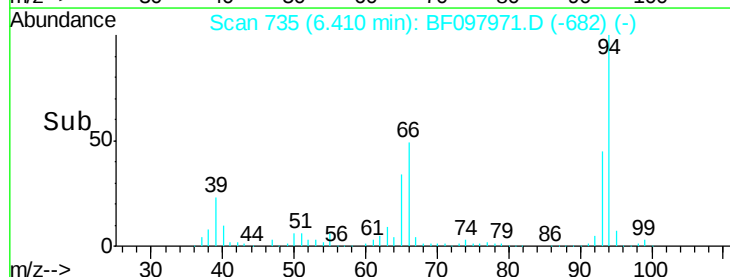
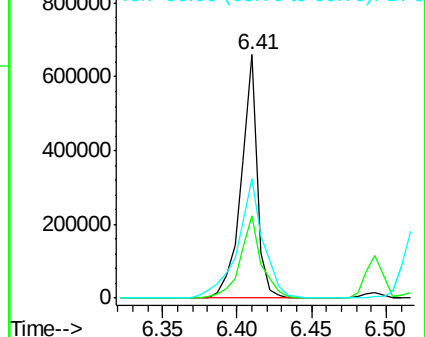
66 48.9 23.1 63.1

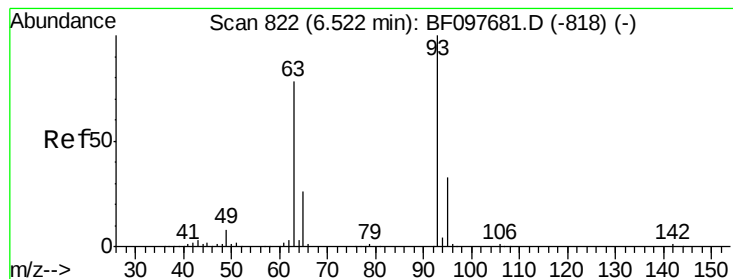


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 34.80 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF097971.D

Acq: 22 Aug 2017 23:27

Instrument :

BNA_F

ClientSampleId :

SB-15-COMPMSD

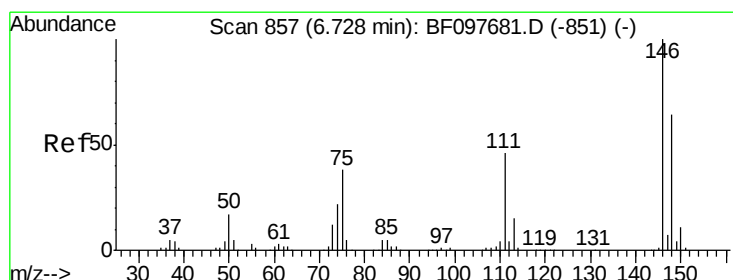
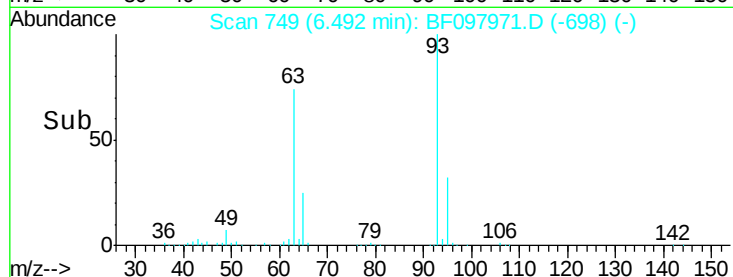
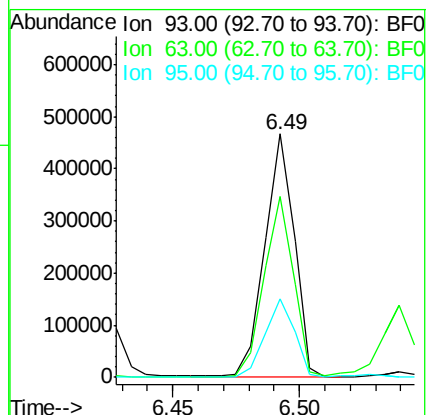
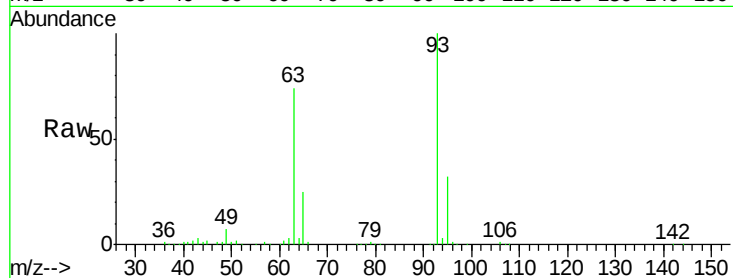
Tot Ion: 93 Resp: 379145

Ion Ratio Lower Upper

93 100

63 74.3 59.2 99.2

95 32.2 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 30.31 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF097971.D

Acq: 22 Aug 2017 23:27

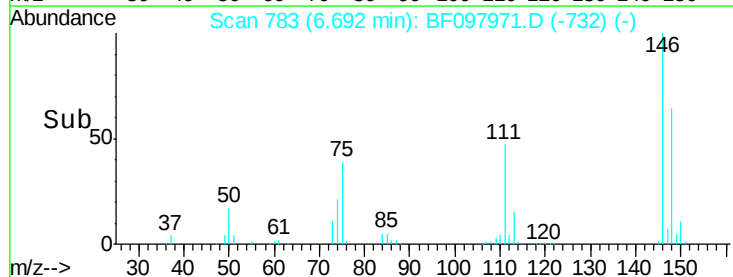
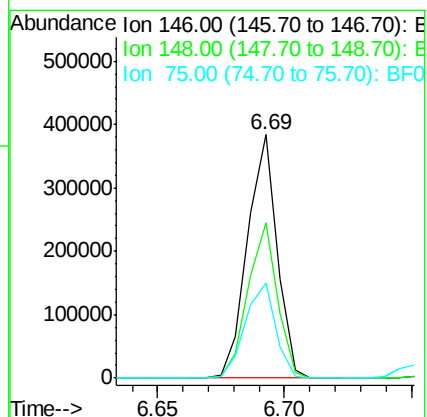
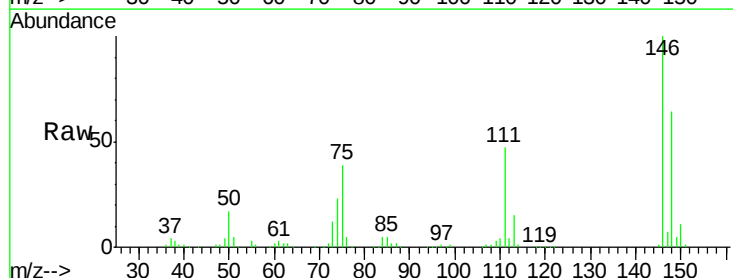
Tgt Ion: 146 Resp: 312334

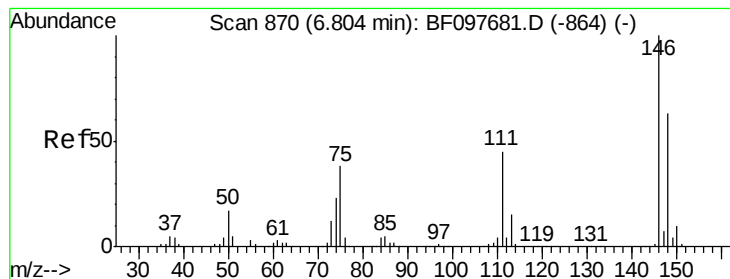
Ion Ratio Lower Upper

146 100

148 63.8 51.8 77.6

75 39.1 23.1 34.7#





#13

1,4-Dichlorobenzene

Concen: 30.25 ng

RT: 6.77 min Scan# 796

Delta R.T. 0.00 min

Lab File: BF097971.D

Acq: 22 Aug 2017 23:27

Instrument :

BNA_F

ClientSampleId :

SB-15-COMPMSD

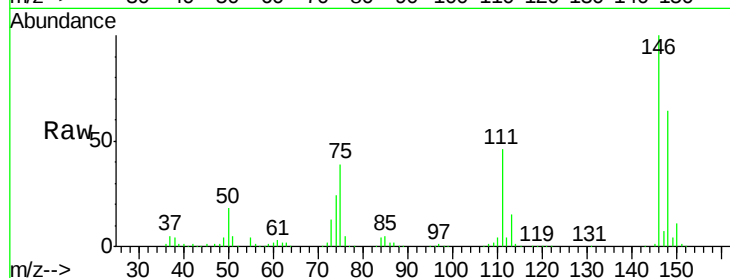
Tot Ion:146 Resp: 317072

Ion Ratio Lower Upper

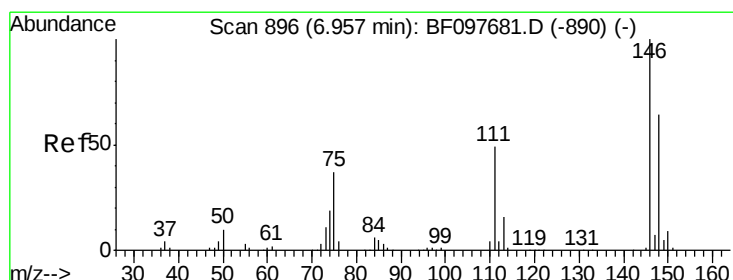
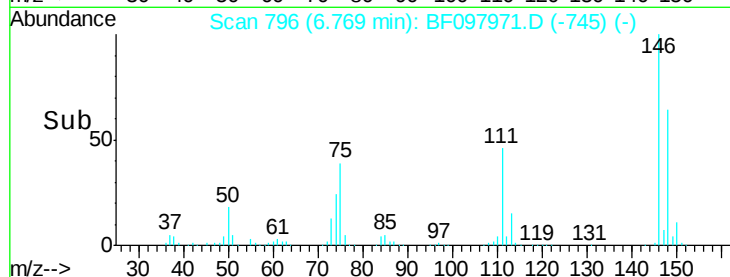
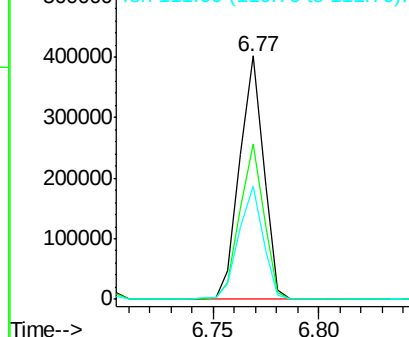
146 100

148 63.7 52.2 78.2

111 46.5 30.3 45.5#



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



#14

1,2-Dichlorobenzene

Concen: 31.22 ng

RT: 6.92 min Scan# 822

Delta R.T. 0.00 min

Lab File: BF097971.D

Acq: 22 Aug 2017 23:27

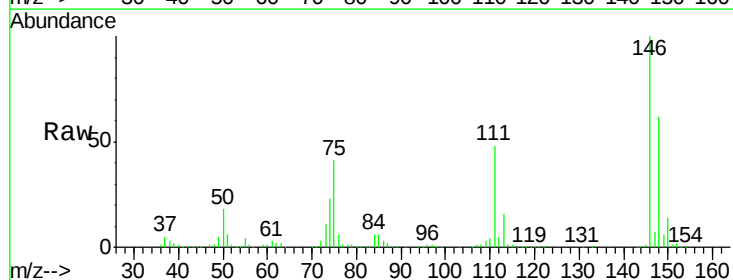
Tgt Ion:146 Resp: 301670

Ion Ratio Lower Upper

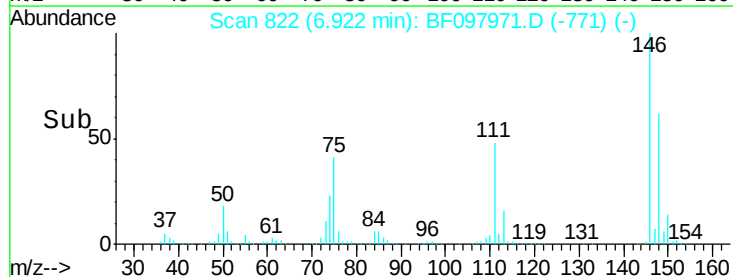
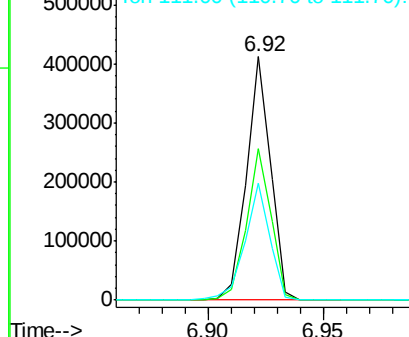
146 100

148 62.3 50.4 75.6

111 48.3 38.2 57.4



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





#15

Benzyl Alcohol

Concen: 36.64 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.01 min

Lab File: BF097971.D

Acq: 22 Aug 2017 23:27

Instrument :

BNA_F

ClientSampleId :

SB-15-COMPMSD

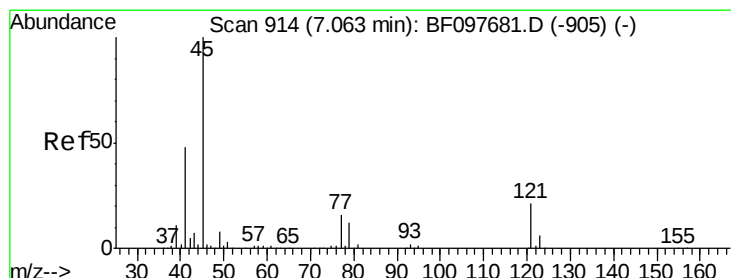
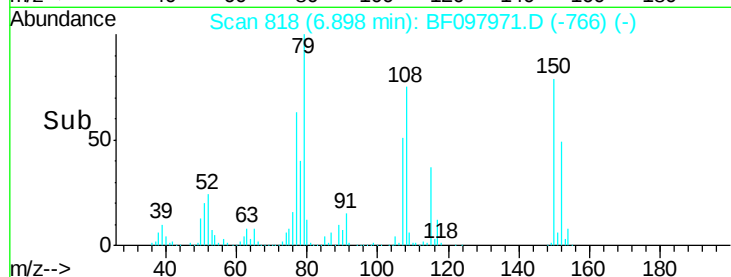
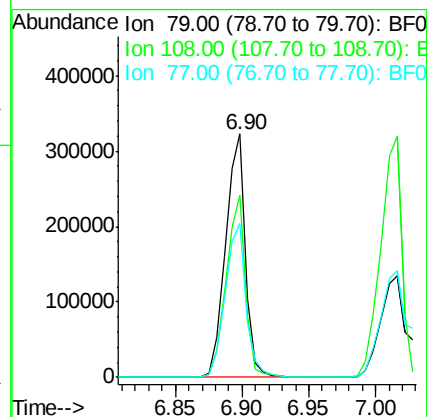
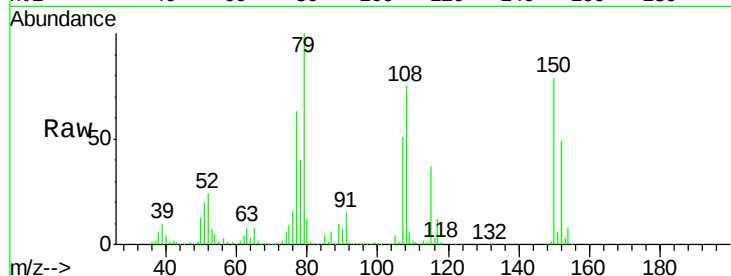
Tot Ion: 79 Resp: 338639

Ion Ratio Lower Upper

79 100

108 75.0 63.4 95.0

77 63.0 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.18 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF097971.D

Acq: 22 Aug 2017 23:27

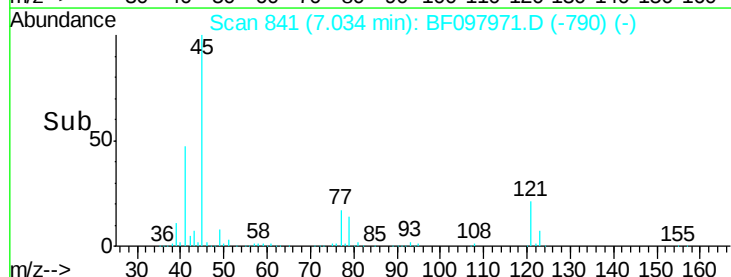
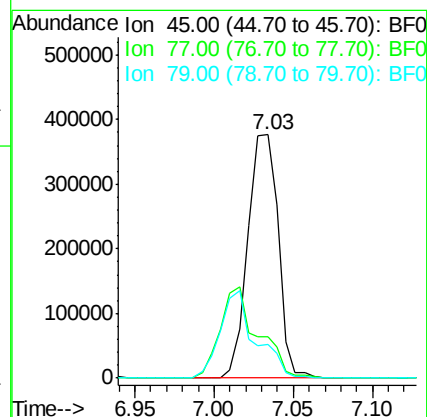
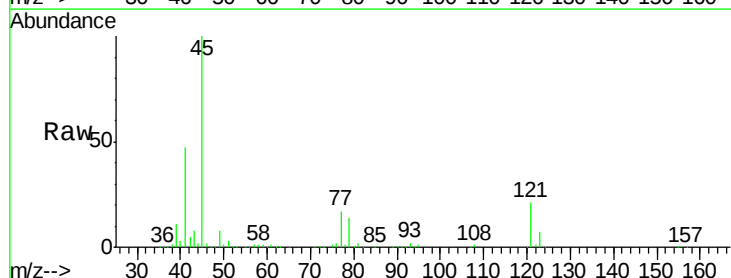
Tgt Ion: 45 Resp: 501116

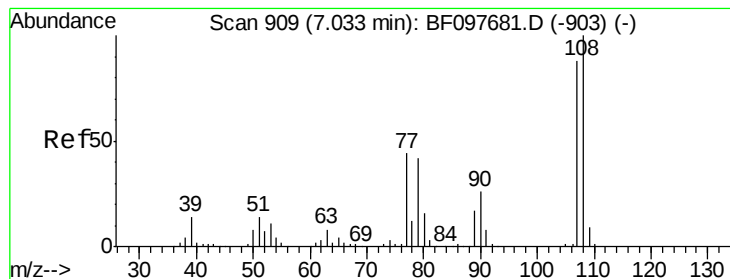
Ion Ratio Lower Upper

45 100

77 16.9 0.0 33.2

79 13.7 0.0 30.0





#17

2-Methylphenol

Concen: 35.63 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.01 min

Lab File: BF097971.D

Acq: 22 Aug 2017 23:27

Instrument :

BNA_F

ClientSampleId :

SB-15-COMPMSD

Tot Ion:107 Resp: 300842

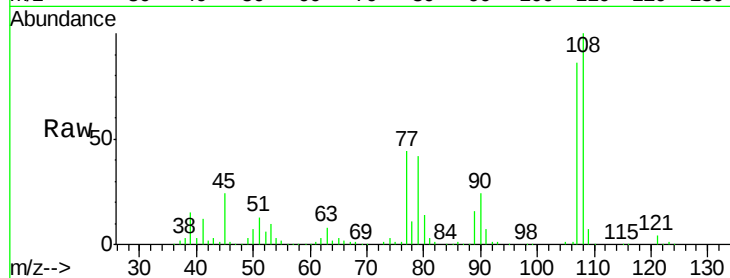
Ion Ratio Lower Upper

107 100

108 115.7 93.4 140.0

77 51.1 35.8 53.6

79 49.0 34.8 52.2

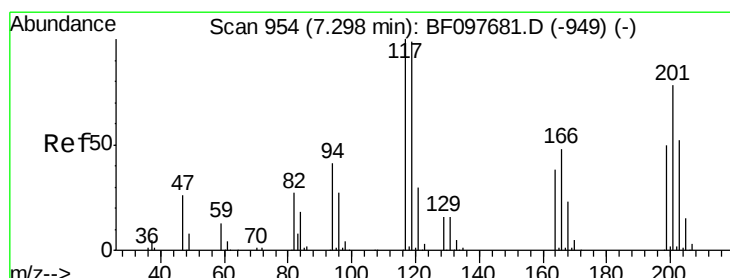
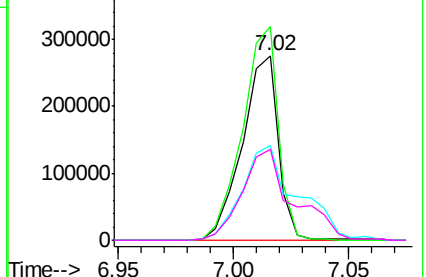
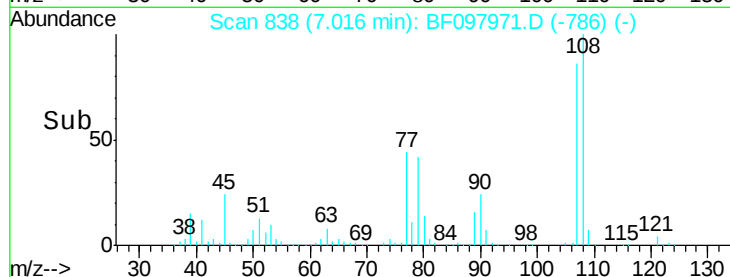


Abundance Ion 107.00 (106.70 to 107.70): E

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: 28.34 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF097971.D

Acq: 22 Aug 2017 23:27

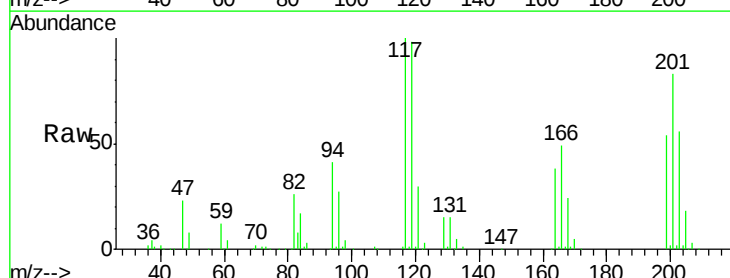
Tgt Ion:117 Resp: 116446

Ion Ratio Lower Upper

117 100

119 97.8 77.4 116.0

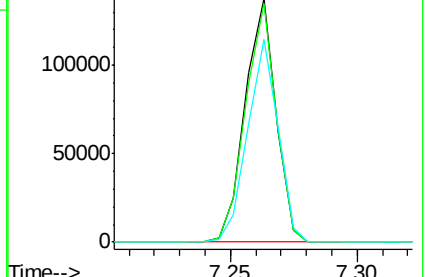
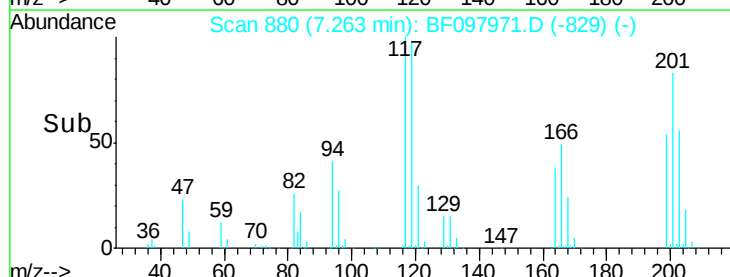
201 83.4 94.6 141.8#

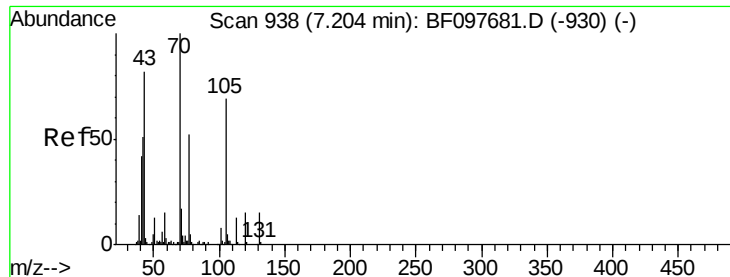


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

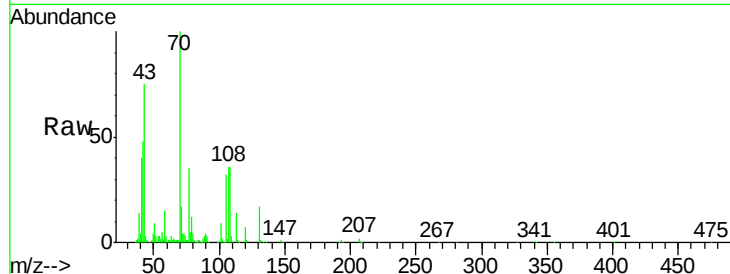




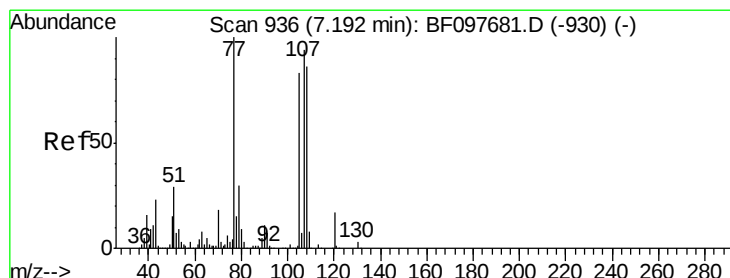
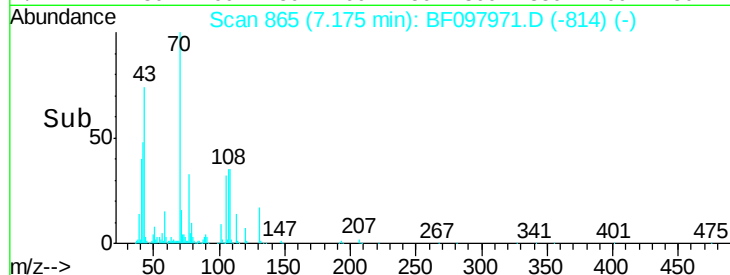
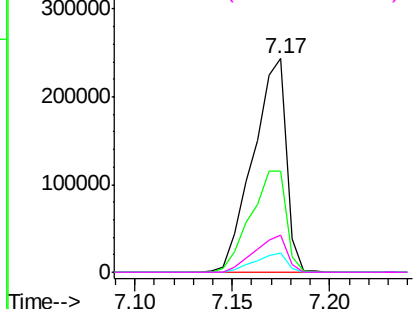
#19
n-Nitroso-di-n-propylamine
Concen: 34.00 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF097971.D
Acq: 22 Aug 2017 23:27

Instrument :
BNA_F
ClientSampleId :
SB-15-COMPMSD

Tot Ion:	70	Resp:	287324
Ion	Ratio	Lower	Upper
70	100		
42	47.5	47.2	70.8
101	8.9	7.2	10.8
130	17.3	15.9	23.9

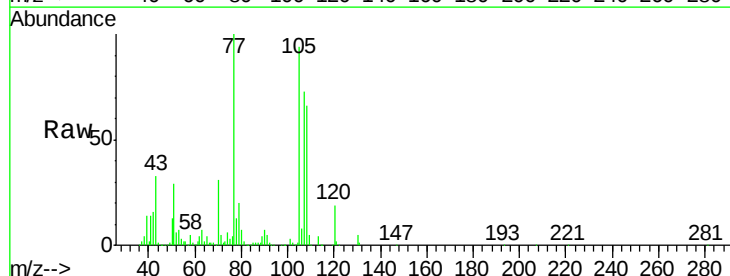


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

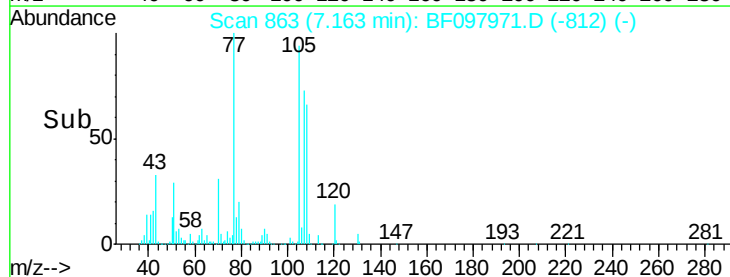
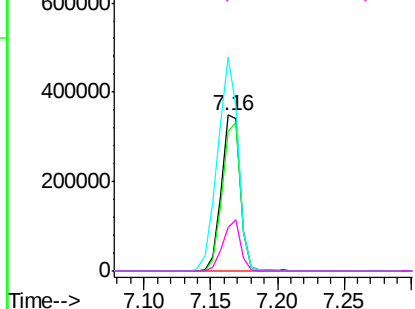


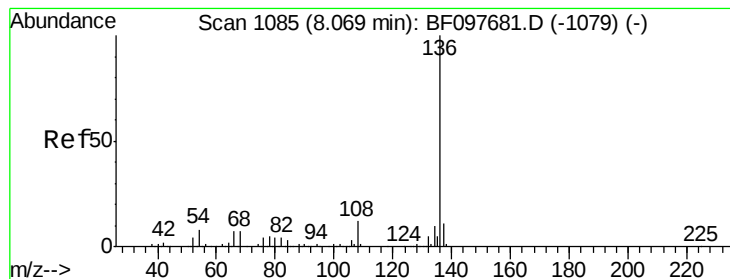
#20
3+4-Methylphenols
Concen: 34.28 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF097971.D
Acq: 22 Aug 2017 23:27

Tgt Ion:	107	Resp:	353489
Ion	Ratio	Lower	Upper
107	100		
108	89.9	71.0	111.0
77	137.1	90.5	130.5#
79	28.1	8.4	48.4



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF097971.D

Acq: 22 Aug 2017 23:27

Instrument :

BNA_F

ClientSampleId :

SB-15-COMPMSD

Tot Ion:136 Resp: 557324

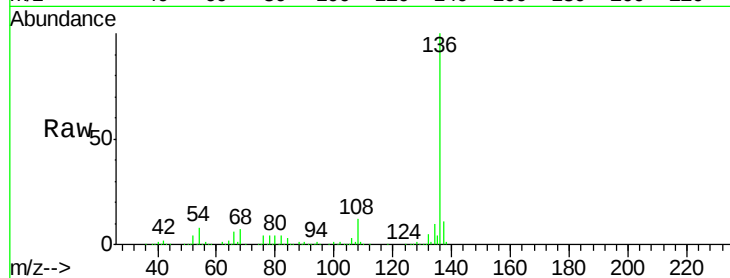
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.8 4.9 7.3#

68 7.2 4.1 6.1#

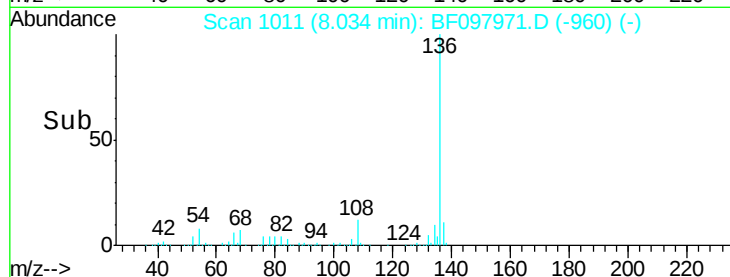


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

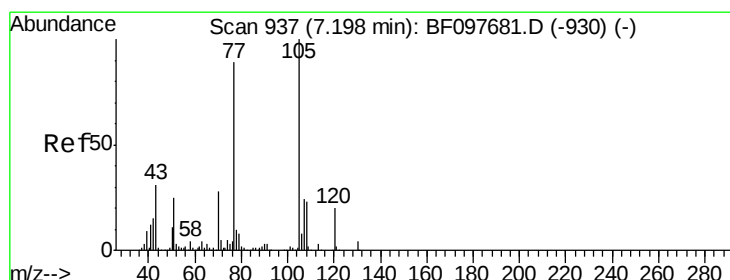
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

8.03



#22

Acetophenone

Concen: 33.87 ng

RT: 7.16 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF097971.D

Acq: 22 Aug 2017 23:27

Tgt Ion:105 Resp: 498692

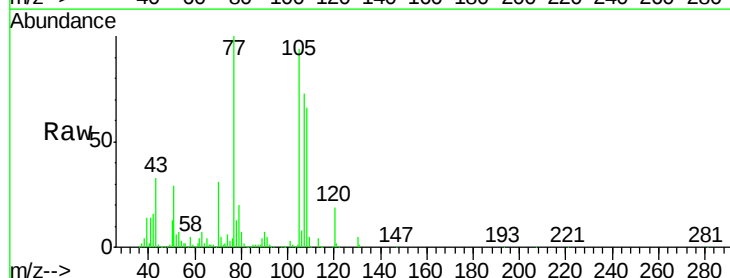
Ion Ratio Lower Upper

105 100

71 5.4 2.8 4.2#

51 30.4 30.7 46.1#

120 20.6 17.4 26.0

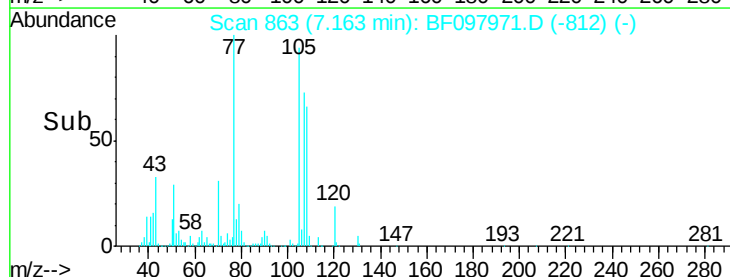


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

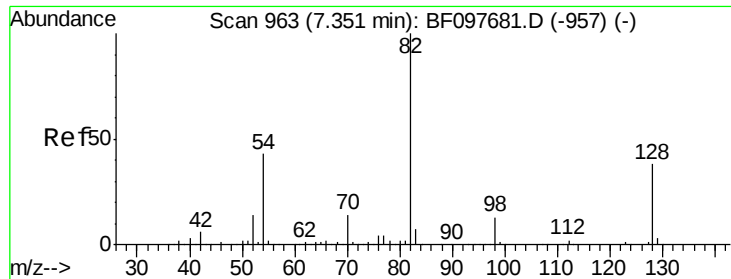
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

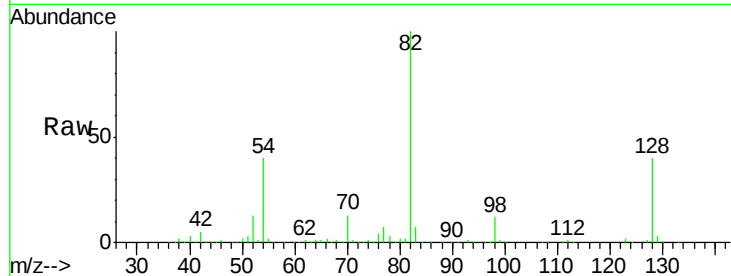
7.16



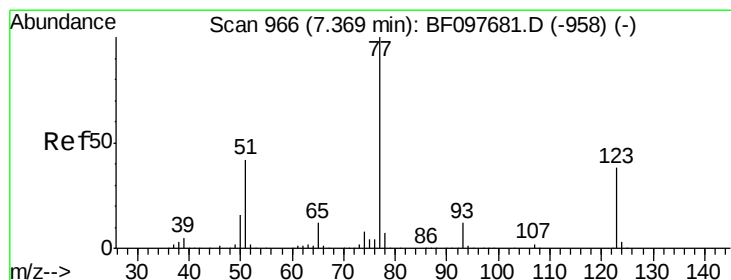
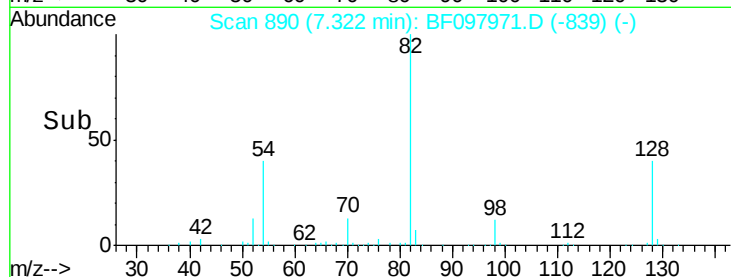
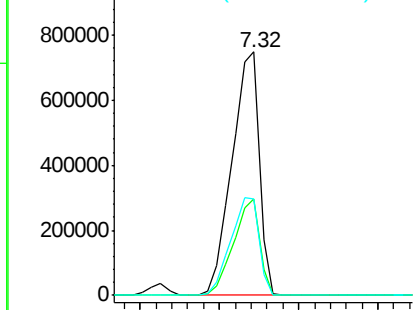
#23
 Nitrobenzene-d5
 Concen: 87.03 ng
 RT: 7.32 min Scan# 890
 Delta R.T. 0.00 min
 Lab File: BF097971.D
 Acq: 22 Aug 2017 23:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMPMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.6	34.0	51.0
54	39.9	42.2	63.2#

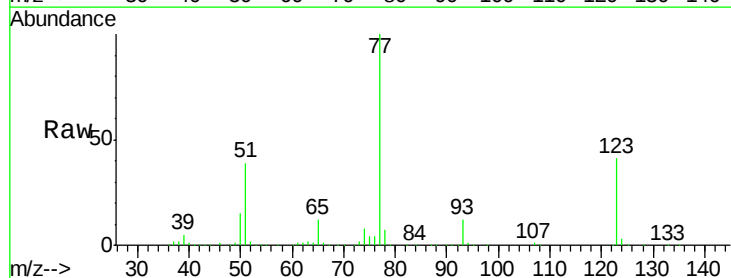


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

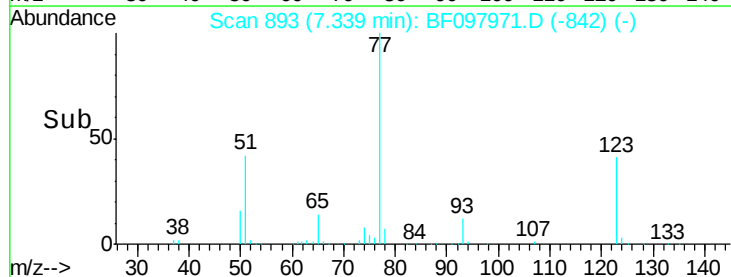
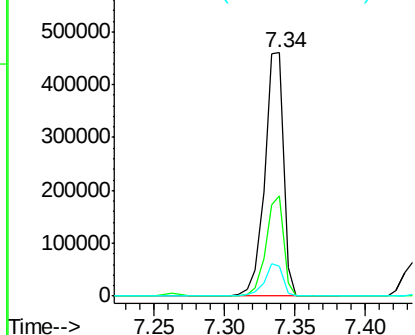


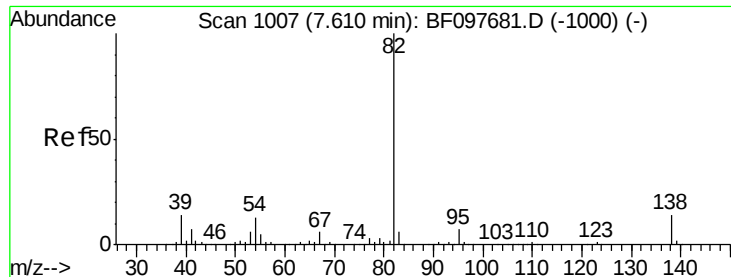
#24
 Nitrobenzene
 Concen: 38.25 ng
 RT: 7.34 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: BF097971.D
 Acq: 22 Aug 2017 23:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.1	35.8	53.8
65	12.4	10.6	15.8



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





#25

Isophorone

Concen: 37.36 ng

RT: 7.57 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF097971.D

Acq: 22 Aug 2017 23:27

Instrument :

BNA_F

ClientSampleId :

SB-15-COMPMSD

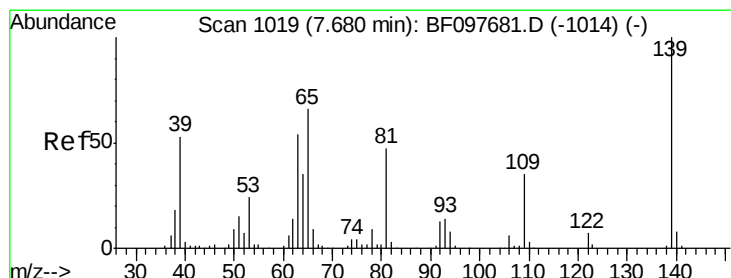
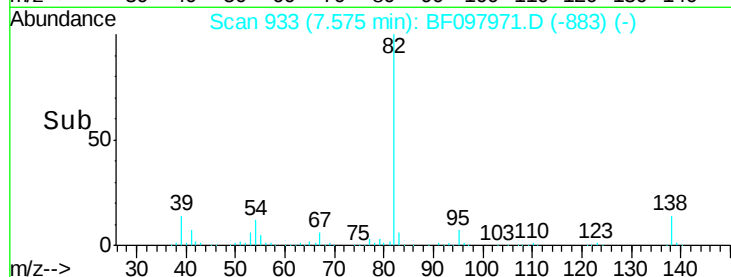
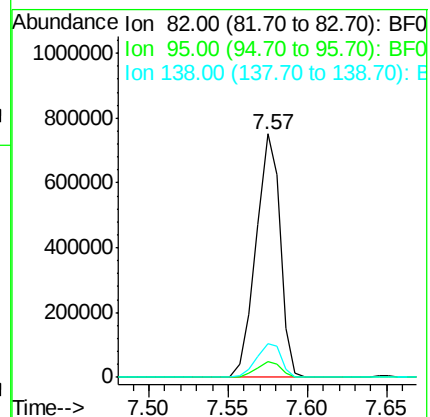
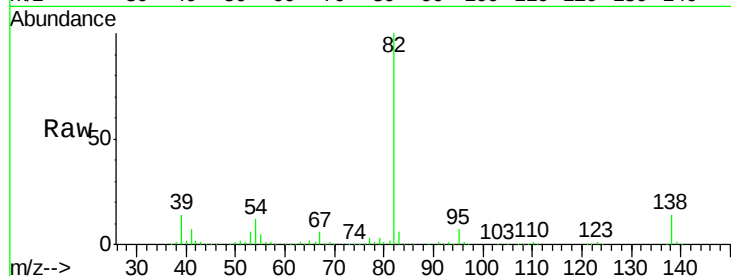
Tot Ion: 82 Resp: 796903

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 14.1 13.1 19.7



#26

2-Nitrophenol

Concen: 31.53 ng

RT: 7.65 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF097971.D

Acq: 22 Aug 2017 23:27

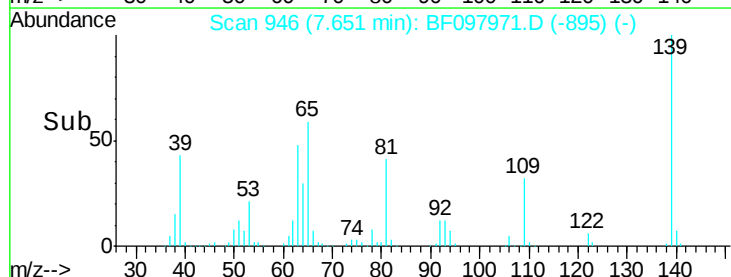
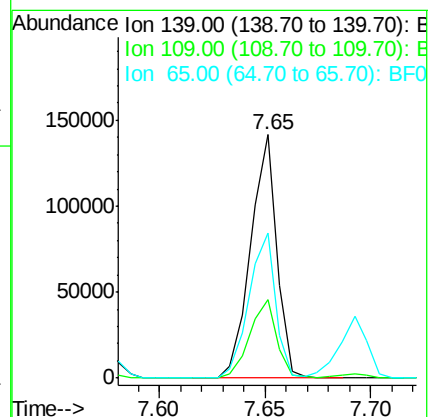
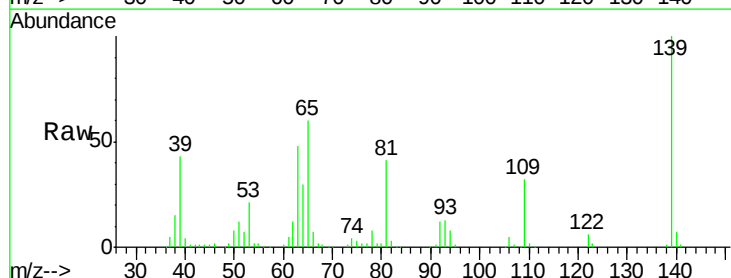
Tgt Ion: 139 Resp: 122099

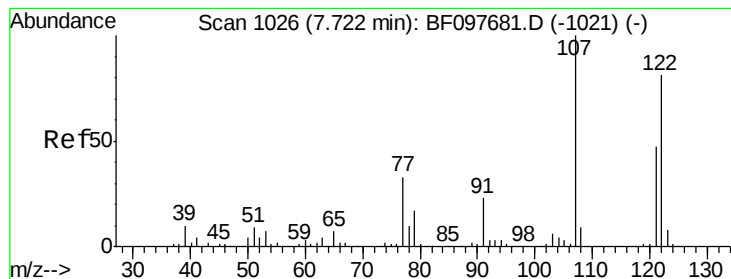
Ion Ratio Lower Upper

139 100

109 32.4 21.0 31.6#

65 59.6 33.0 49.6#





#27

2,4-Dimethylphenol

Concen: 33.54 ng

RT: 7.69 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF097971.D

Acq: 22 Aug 2017 23:27

Instrument :

BNA_F

ClientSampleId :

SB-15-COMPMSD

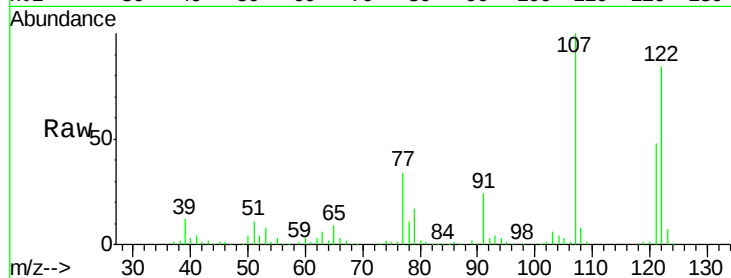
Tot Ion:122 Resp: 298382

Ion Ratio Lower Upper

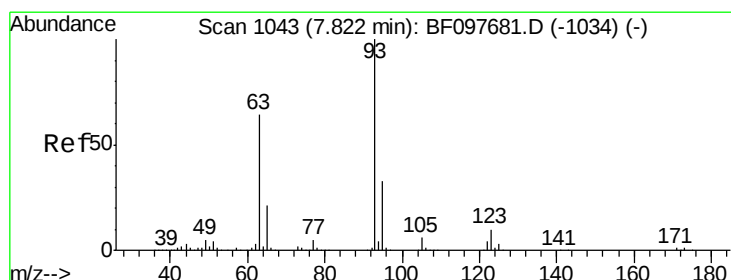
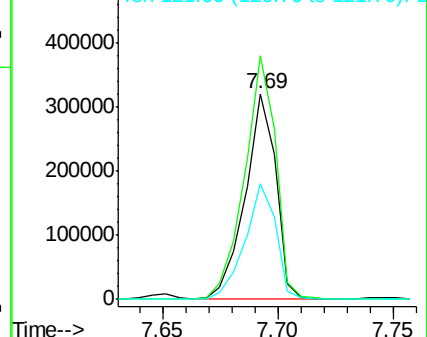
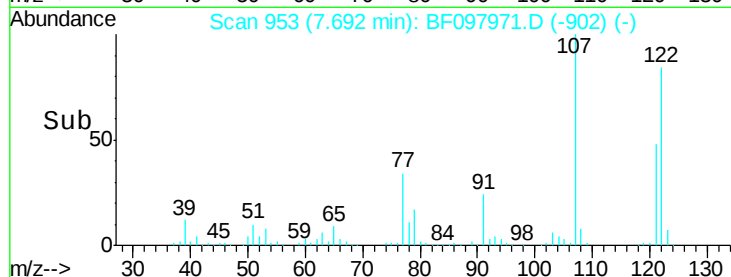
122 100

107 118.4 89.2 133.8

121 56.3 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: 36.80 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF097971.D

Acq: 22 Aug 2017 23:27

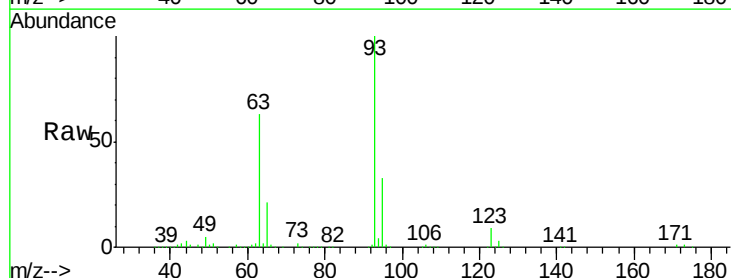
Tgt Ion: 93 Resp: 516129

Ion Ratio Lower Upper

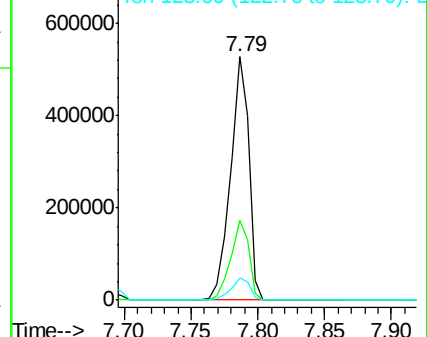
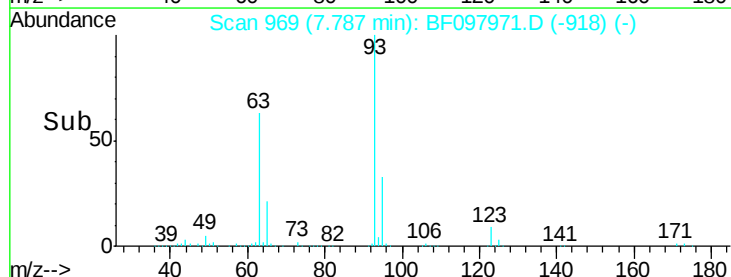
93 100

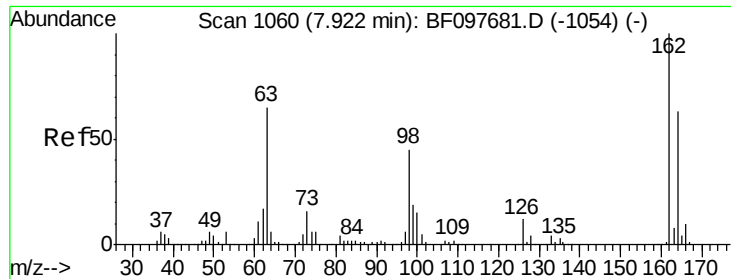
95 32.7 26.5 39.7

123 9.0 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

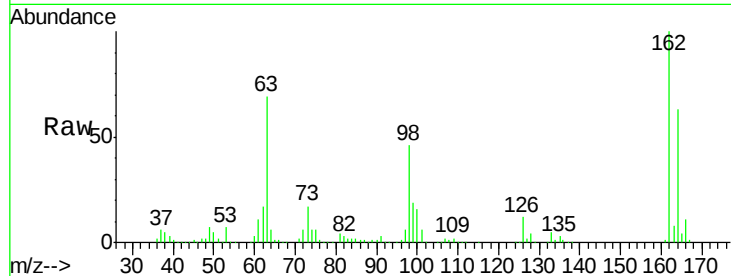




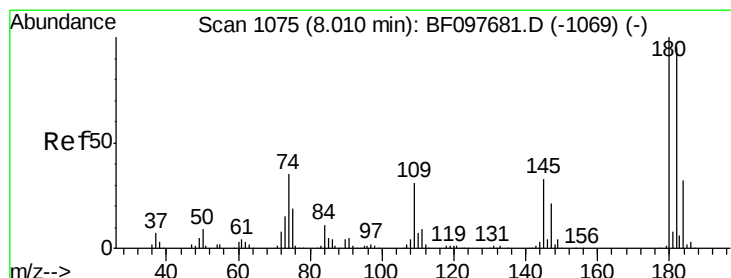
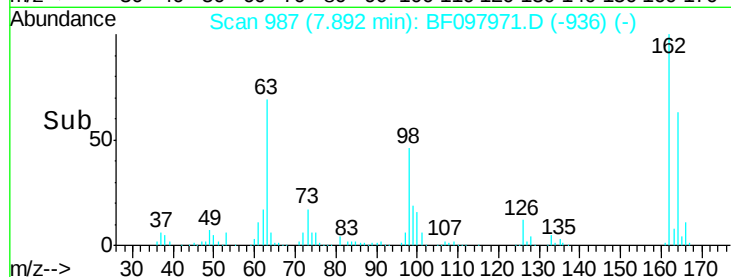
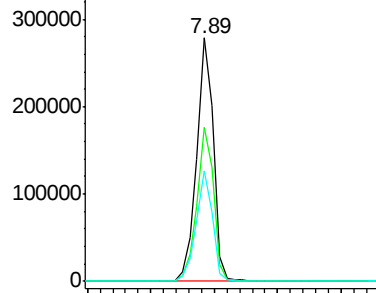
#29
 2,4-Dichlorophenol
 Concen: 34.53 ng
 RT: 7.89 min Scan# 987
 Delta R.T. 0.00 min
 Lab File: BF097971.D
 Acq: 22 Aug 2017 23:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMPMSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	44.6	84.6
98	45.5	14.8	54.8

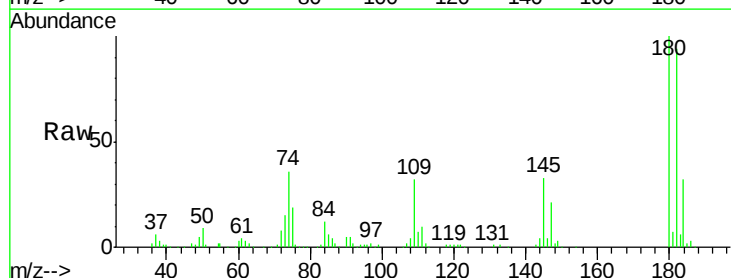


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

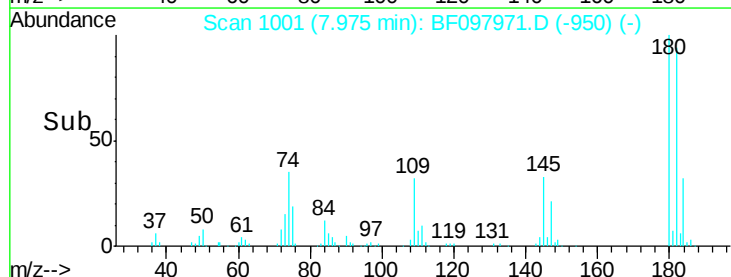
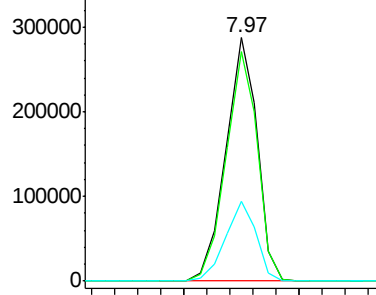


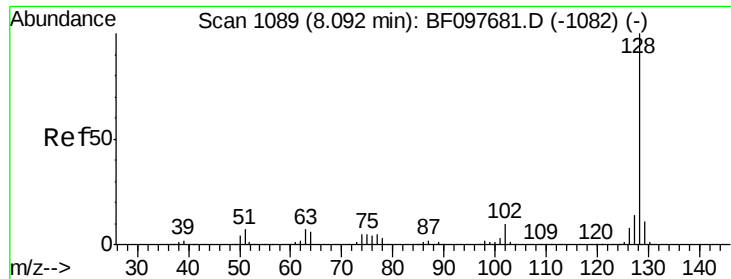
#30
 1,2,4-Trichlorobenzene
 Concen: 33.27 ng
 RT: 7.97 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: BF097971.D
 Acq: 22 Aug 2017 23:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	75.8	113.6
145	32.7	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

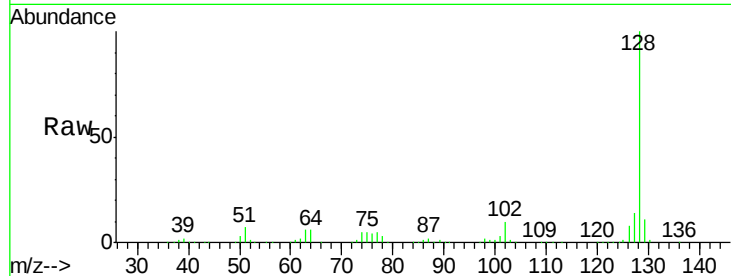




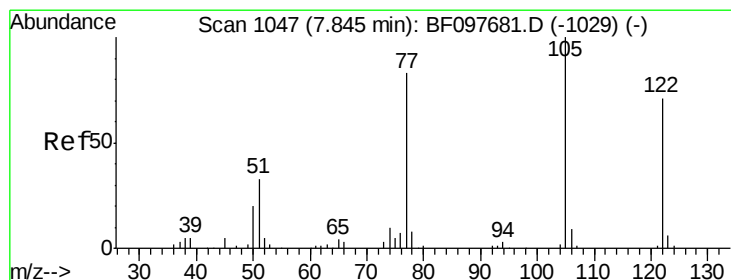
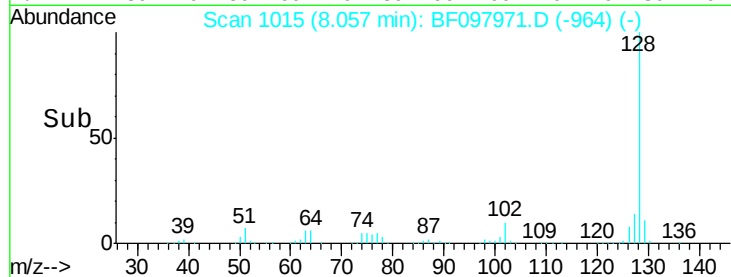
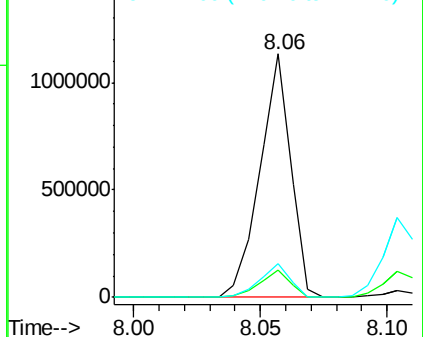
#31
Naphthalene
Concen: 33.43 ng
RT: 8.06 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BF097971.D
Acq: 22 Aug 2017 23:27

Instrument :
BNA_F
ClientSampleId :
SB-15-COMPMSD

Tot Ion:128 Resp: 967106
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.7 10.8 16.2

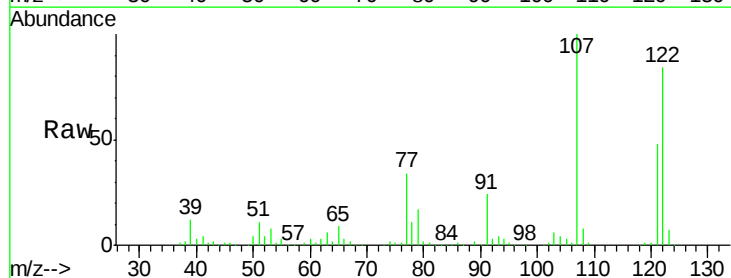


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

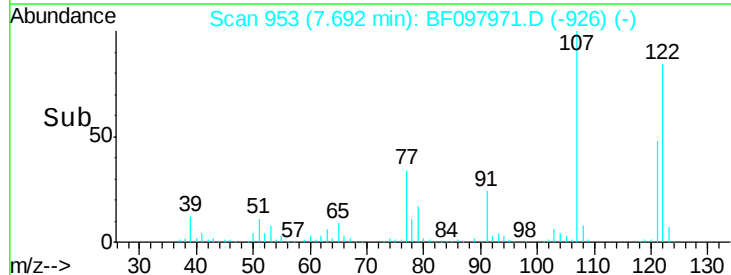
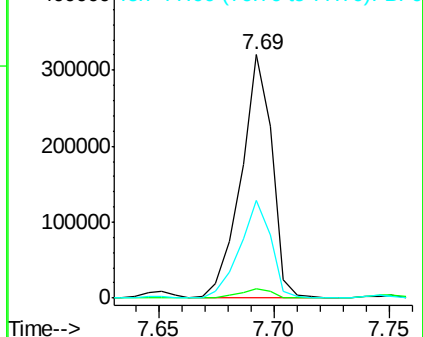


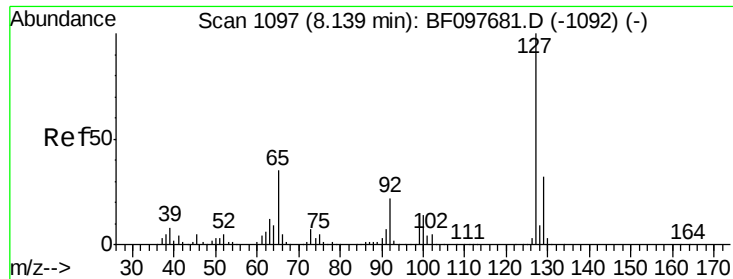
#32
Benzoic acid
Concen: 46.29 ng
RT: 7.69 min Scan# 953
Delta R.T. -0.14 min
Lab File: BF097971.D
Acq: 22 Aug 2017 23:27

Tgt Ion:122 Resp: 298382
Ion Ratio Lower Upper
122 100
105 3.8 103.3 143.3#
77 40.3 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

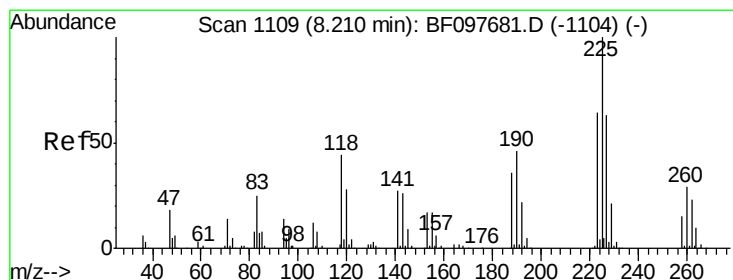
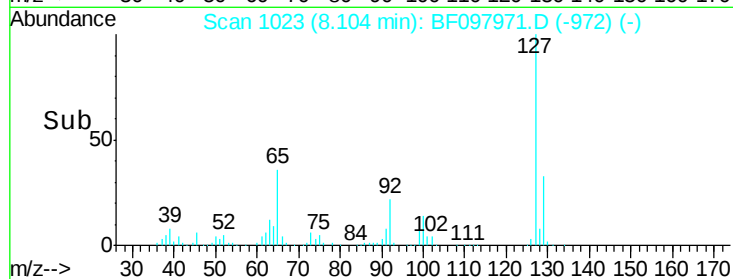
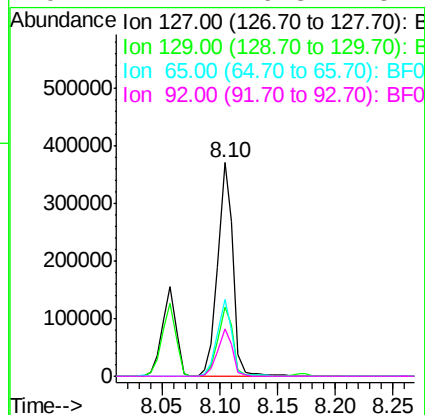
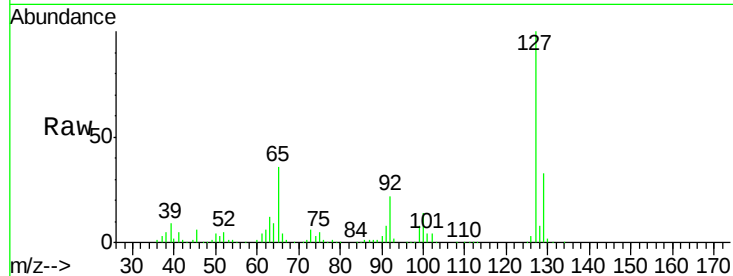




#33
4-Chloroaniline
Concen: 27.83 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF097971.D
Acq: 22 Aug 2017 23:27

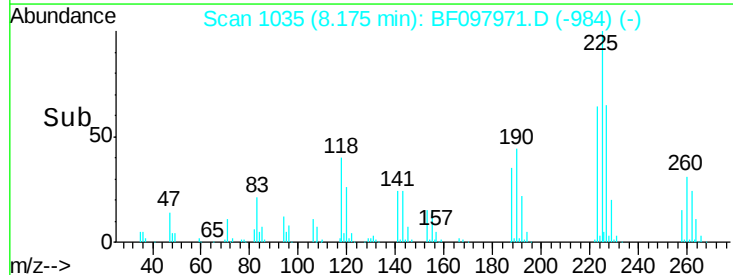
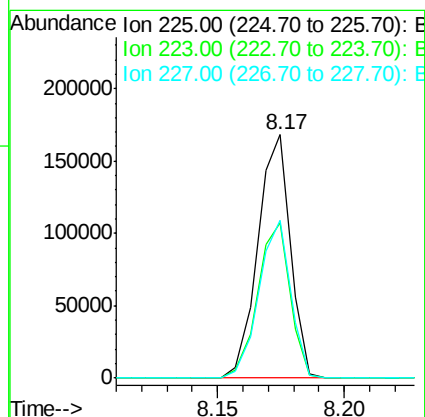
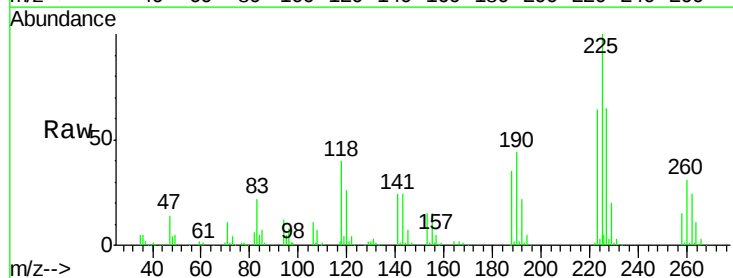
Instrument :
BNA_F
ClientSampleId :
SB-15-COMPMSD

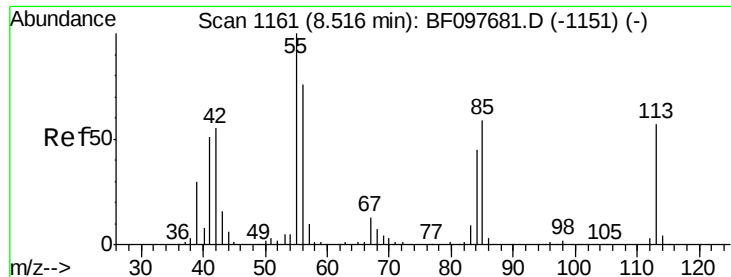
Tot Ion:	127	Resp:	339538
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.2
65	36.2	27.8	41.8
92	22.1	16.8	25.2



#34
Hexachlorobutadiene
Concen: 31.61 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF097971.D
Acq: 22 Aug 2017 23:27

Tgt Ion:	225	Resp:	151088
Ion	Ratio	Lower	Upper
225	100		
223	63.8	48.8	73.2
227	65.1	51.1	76.7

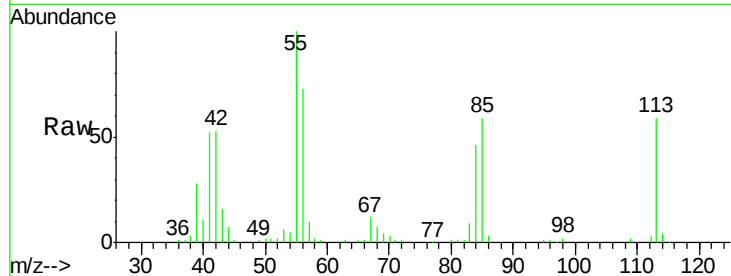




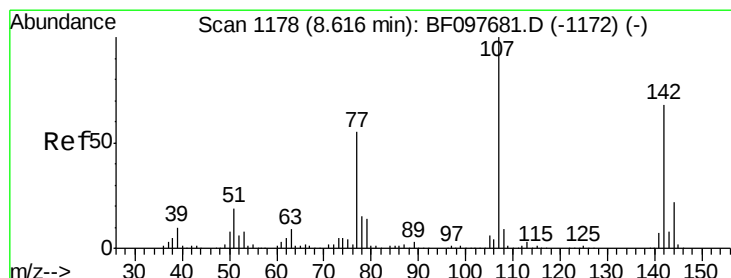
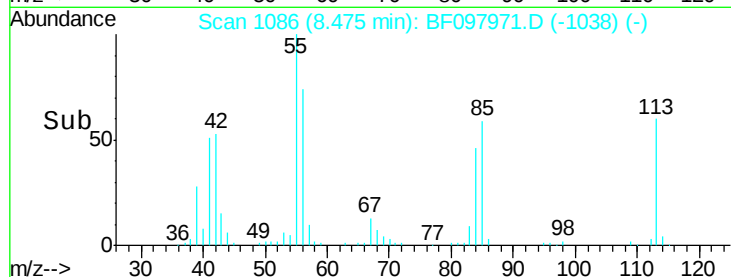
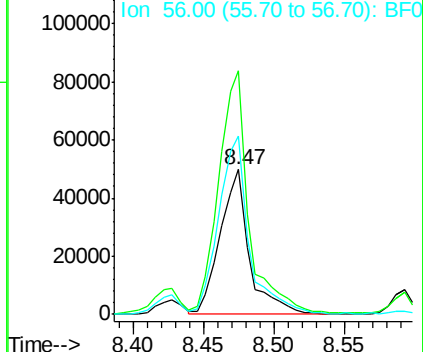
#35
 Caprolactam
 Concen: 28.55 ng
 RT: 8.47 min Scan# 1086
 Delta R.T. -0.02 min
 Lab File: BF097971.D
 Acq: 22 Aug 2017 23:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMPMSD

Tot Ion:113 Resp: 71686
 Ion Ratio Lower Upper
 113 100
 55 168.5 150.2 190.2
 56 123.8 107.8 147.8

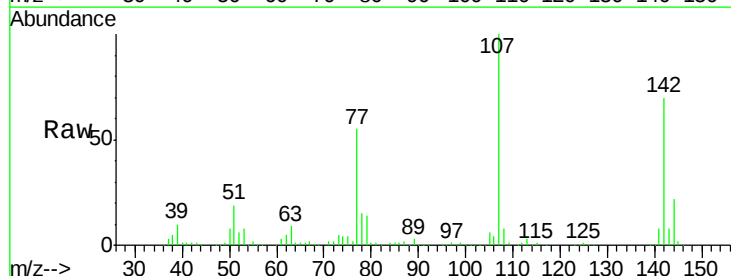


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

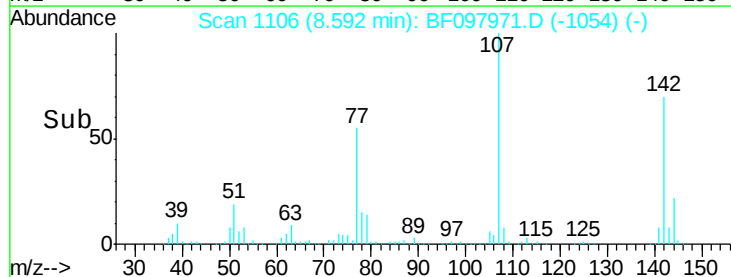
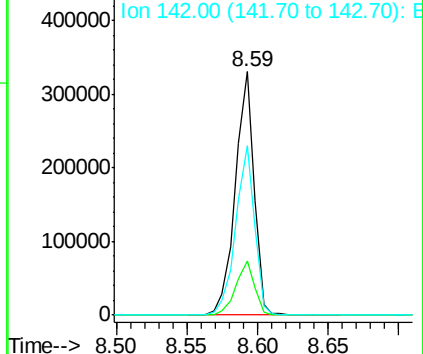


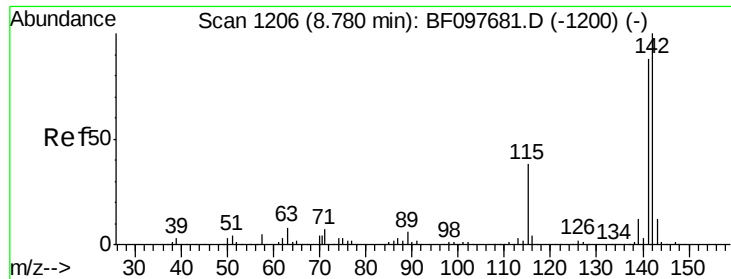
#36
 4-Chloro-3-methylphenol
 Concen: 32.39 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: BF097971.D
 Acq: 22 Aug 2017 23:27

Tgt Ion:107 Resp: 307291
 Ion Ratio Lower Upper
 107 100
 144 22.3 24.2 36.4#
 142 69.7 73.4 110.0#



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

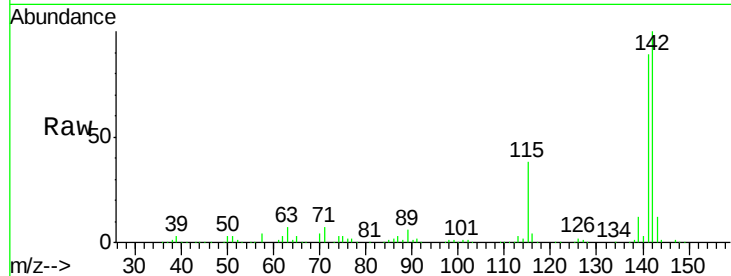




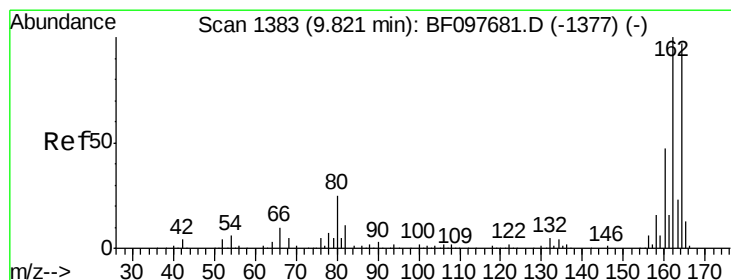
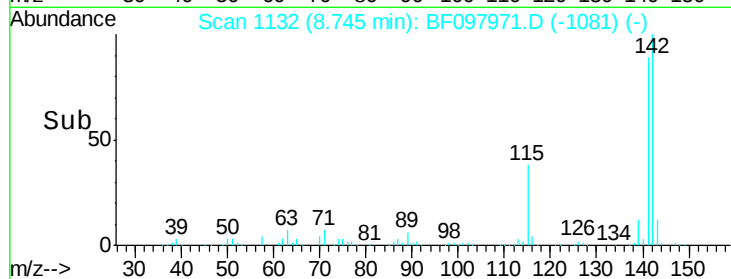
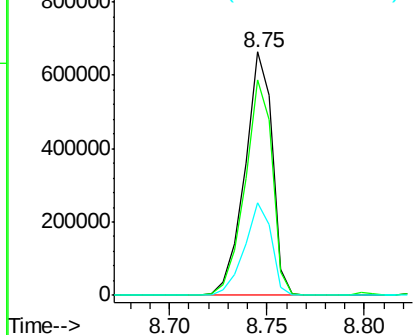
#37
 2-Methylnaphthalene
 Concen: 36.30 ng
 RT: 8.75 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: BF097971.D
 Acq: 22 Aug 2017 23:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMPMSD

Tot Ion:142 Resp: 643980
 Ion Ratio Lower Upper
 142 100
 141 88.6 71.3 106.9
 115 37.9 27.1 40.7

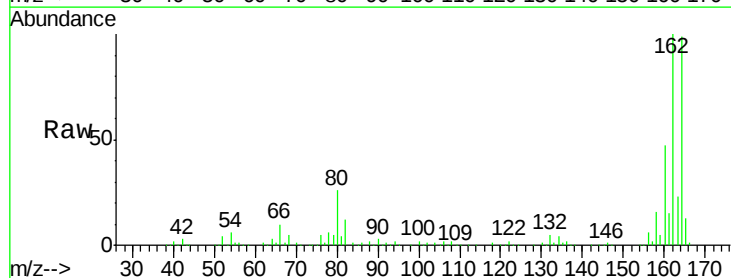


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

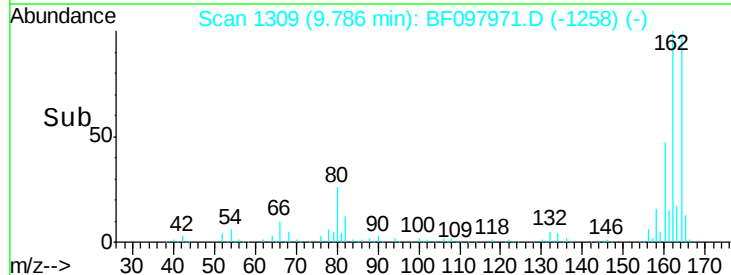
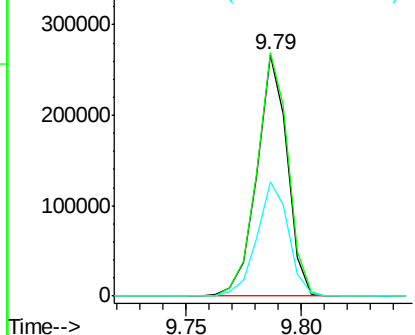


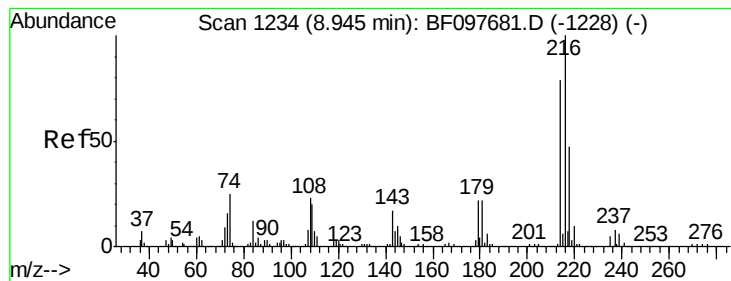
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. 0.00 min
 Lab File: BF097971.D
 Acq: 22 Aug 2017 23:27

Tgt Ion:164 Resp: 244135
 Ion Ratio Lower Upper
 164 100
 162 100.9 82.6 123.8
 160 47.2 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.24 ng

RT: 8.91 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF097971.D

Acq: 22 Aug 2017 23:27

Instrument :

BNA_F

ClientSampleId :

SB-15-COMPMSD

Tot Ion:216 Resp: 264052

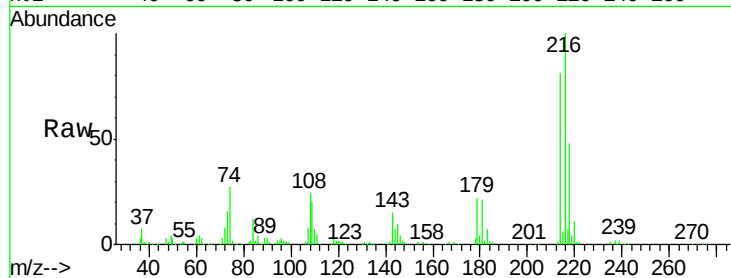
Ion Ratio Lower Upper

216 100

214 79.6 63.4 95.2

179 21.6 17.9 26.9

108 24.0 16.5 24.7

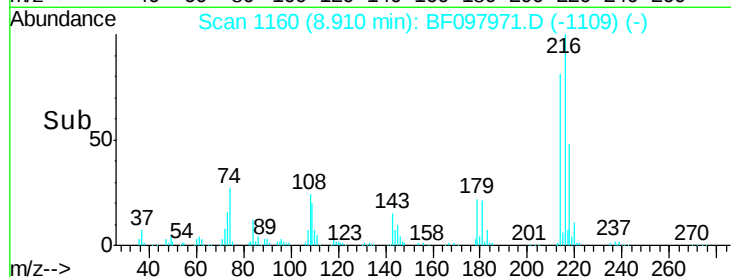


Abundance Ion 216.00 (215.70 to 216.70): E

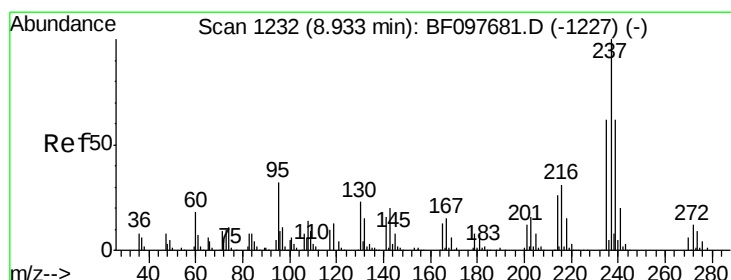
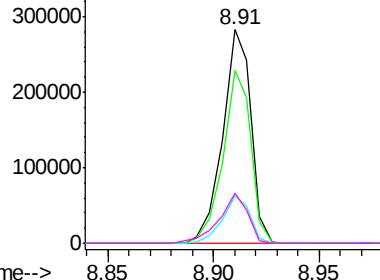
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 30.56 ng

RT: 8.90 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BF097971.D

Acq: 22 Aug 2017 23:27

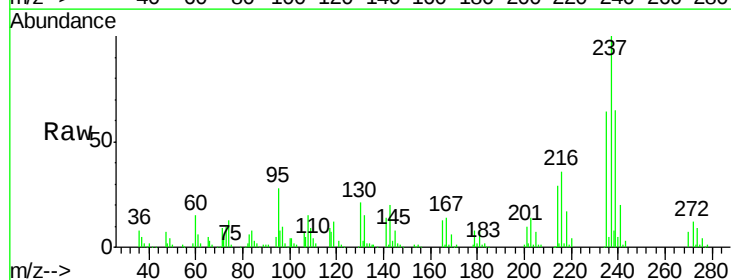
Tgt Ion:237 Resp: 110013

Ion Ratio Lower Upper

237 100

235 64.3 42.6 82.6

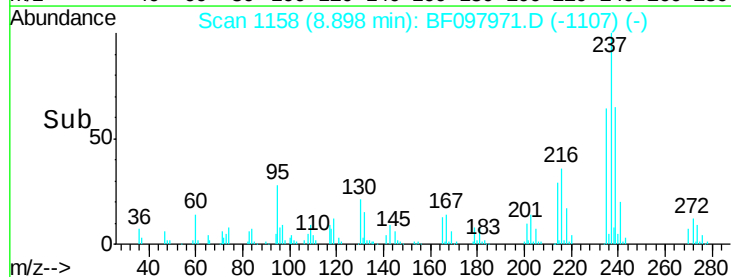
272 12.2 0.0 31.9



Abundance Ion 236.80 (236.50 to 237.50): E

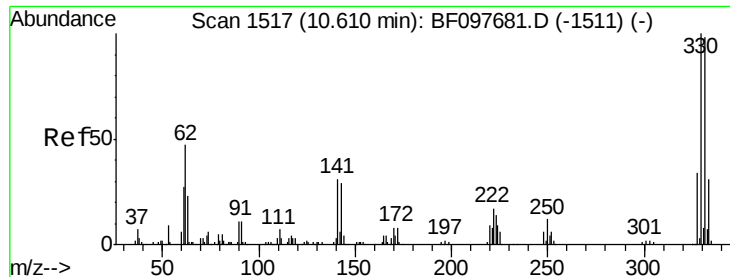
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

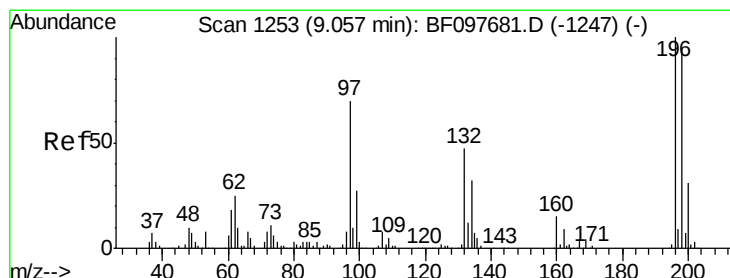
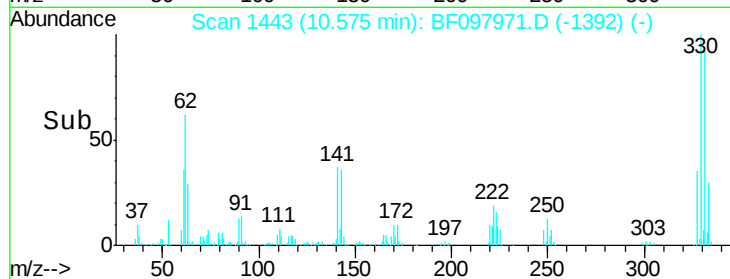
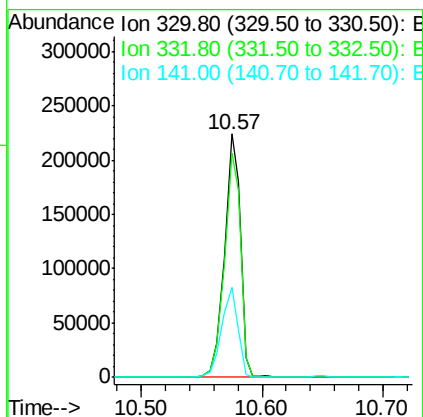
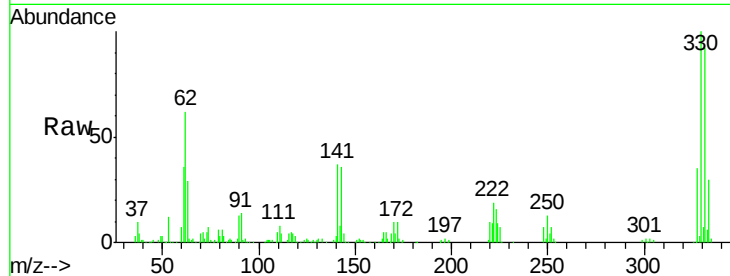




#41
 2,4,6-Tribromophenol
 Concen: 96.34 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: BF097971.D
 Acq: 22 Aug 2017 23:27

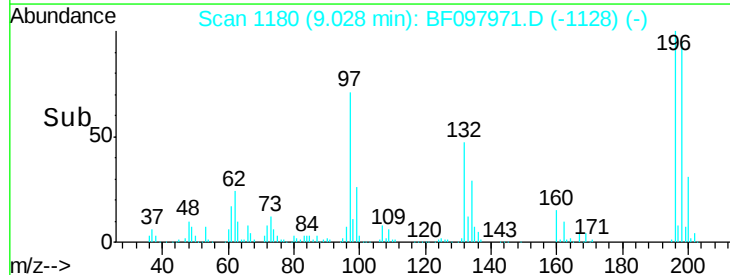
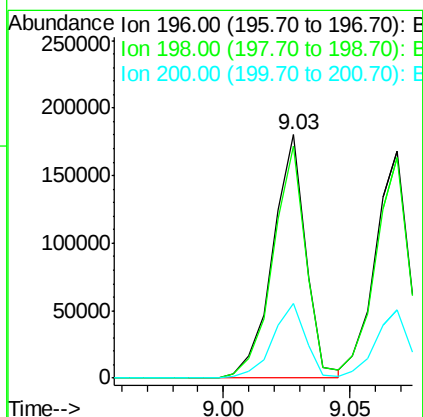
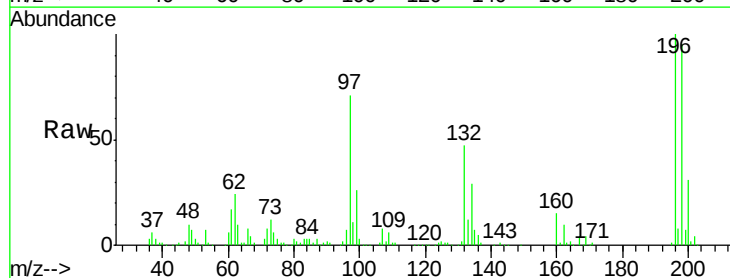
Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMPMSD

Tot Ion:330 Resp: 204080
 Ion Ratio Lower Upper
 330 100
 332 94.0 76.6 115.0
 141 38.0 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 32.32 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: BF097971.D
 Acq: 22 Aug 2017 23:27

Tgt Ion:196 Resp: 162568
 Ion Ratio Lower Upper
 196 100
 198 95.3 74.2 111.4
 200 30.6 24.0 36.0

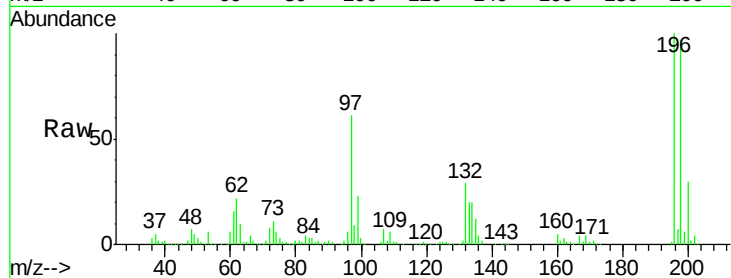




#43
 2,4,5-Trichlorophenol
 Concen: 31.36 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF097971.D
 Acq: 22 Aug 2017 23:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMPMSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.3	75.7	113.5
97	61.4	47.7	71.5
132	29.4	28.0	42.0



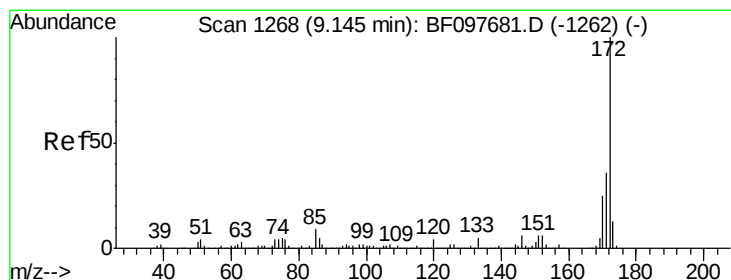
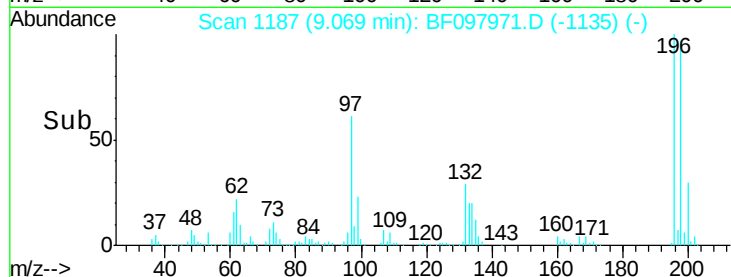
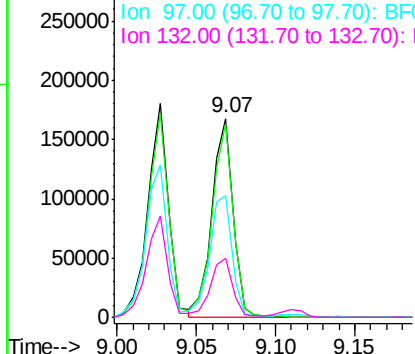
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

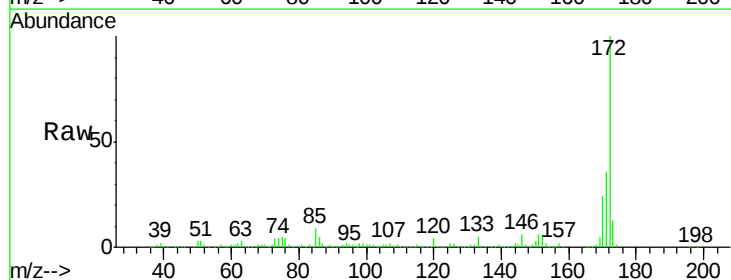
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 77.24 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF097971.D
 Acq: 22 Aug 2017 23:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	24.2	19.8	29.8

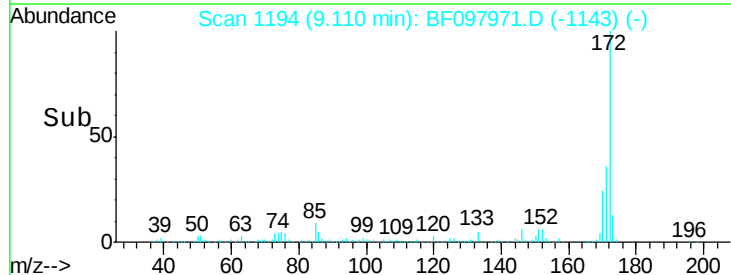
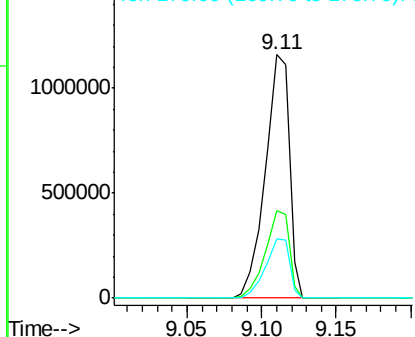


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

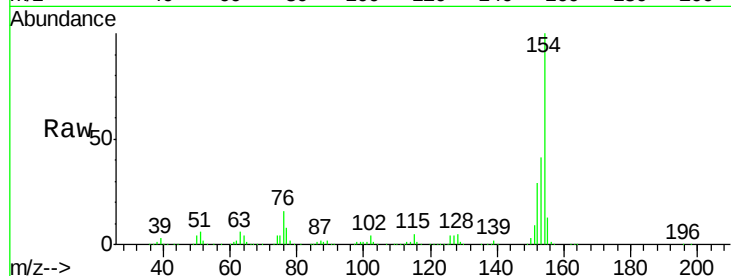




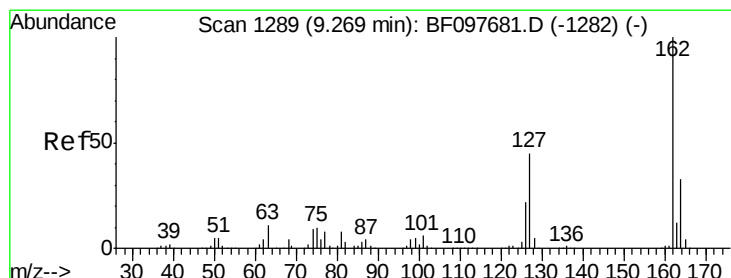
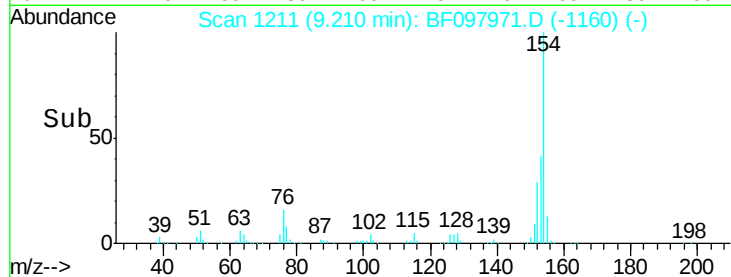
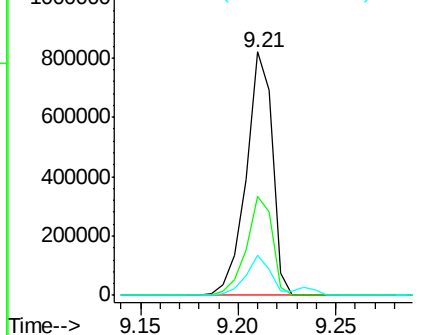
#45
 1,1'-Biphenyl
 Concen: 34.18 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF097971.D
 Acq: 22 Aug 2017 23:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMPMSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.2	61.2
76	16.2	0.0	29.9

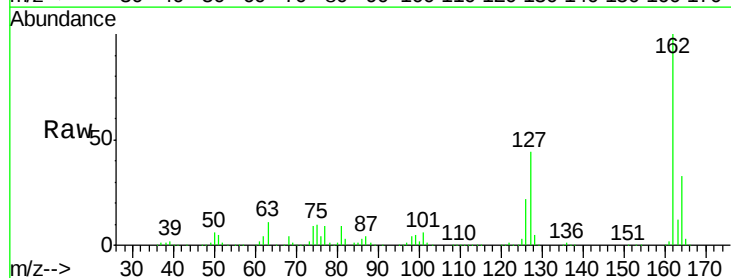


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

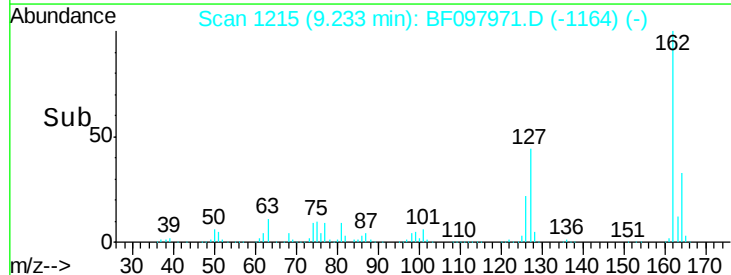
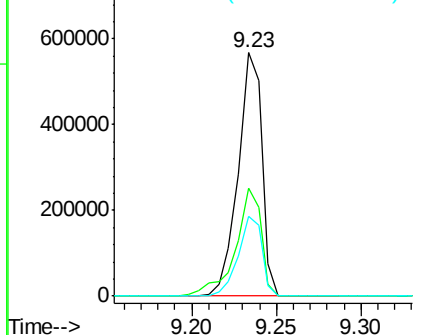


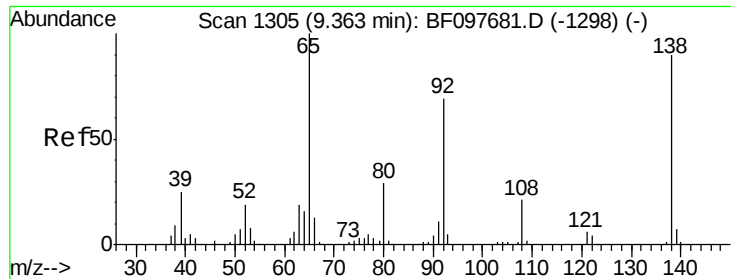
#46
 2-Chloronaphthalene
 Concen: 33.90 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF097971.D
 Acq: 22 Aug 2017 23:27

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.4	28.3	42.5#
164	32.6	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

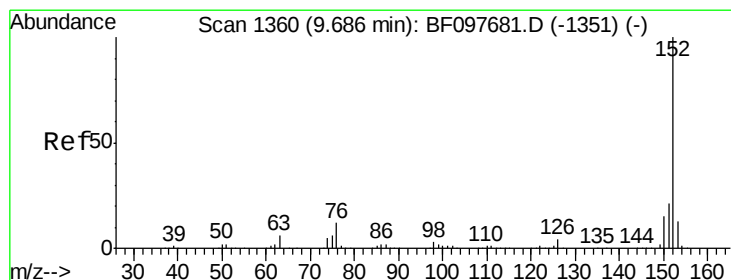
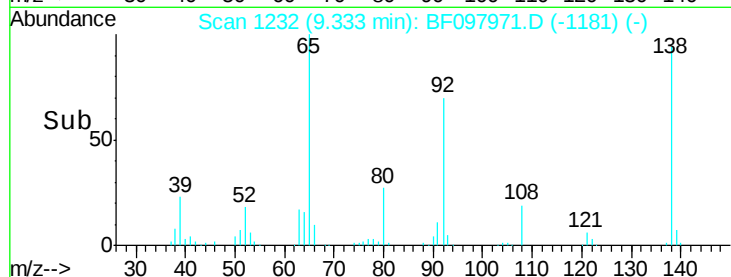
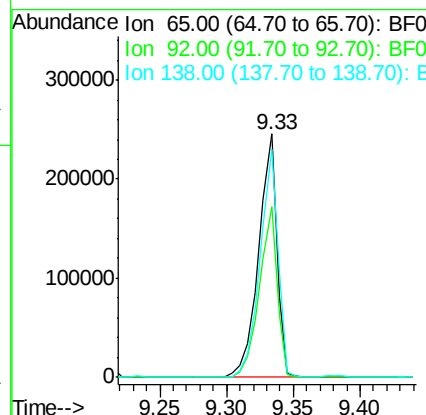
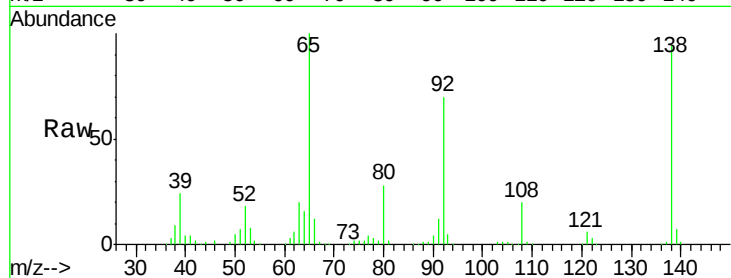




#47
 2-Nitroaniline
 Concen: 41.66 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BF097971.D
 Acq: 22 Aug 2017 23:27

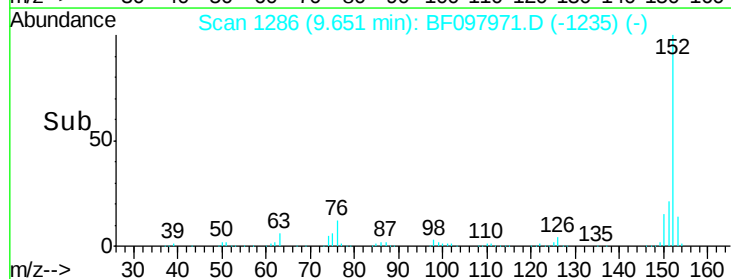
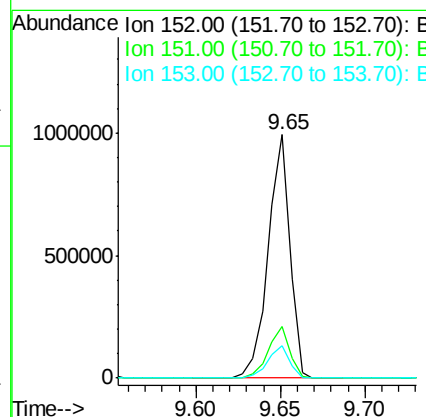
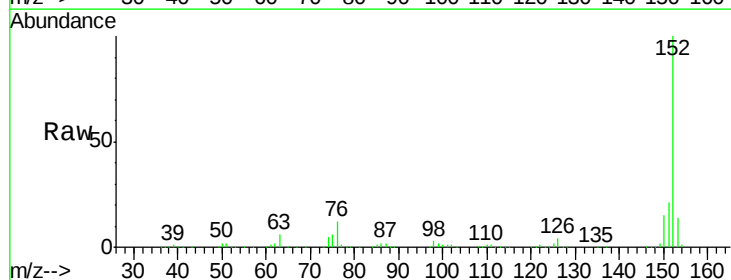
Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMPMSD

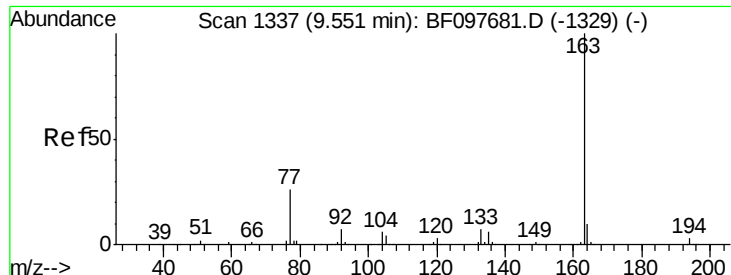
Tot Ion:	65	Resp:	229730
Ion	Ratio	Lower	Upper
65	100		
92	69.9	53.9	80.9
138	93.9	78.8	118.2



#48
 Acenaphthylene
 Concen: 34.26 ng
 RT: 9.65 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: BF097971.D
 Acq: 22 Aug 2017 23:27

Tgt Ion:	152	Resp:	884912
Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.8	25.2
153	13.6	10.8	16.2

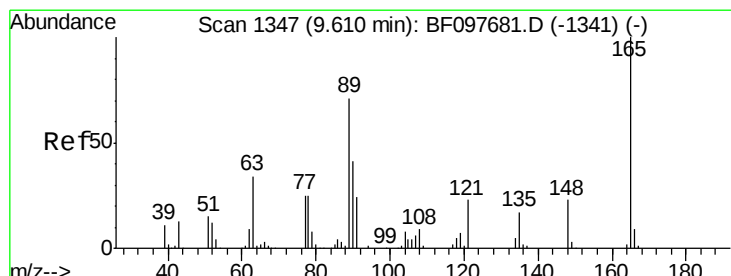
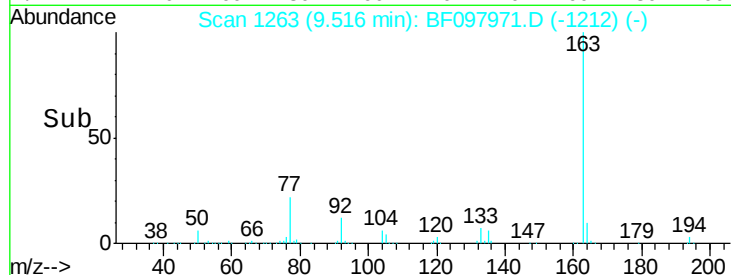
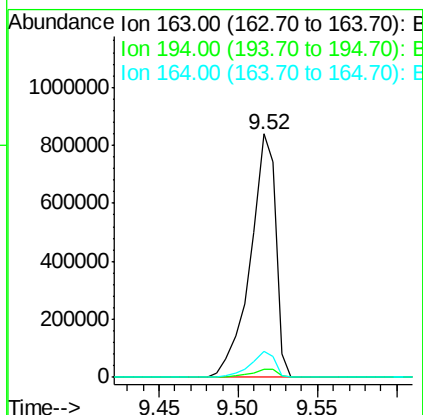
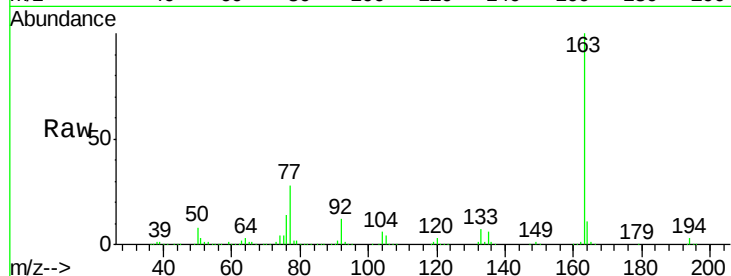




#49
Dimethylphthalate
Concen: 52.31 ng
RT: 9.52 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BF097971.D
Acq: 22 Aug 2017 23:27

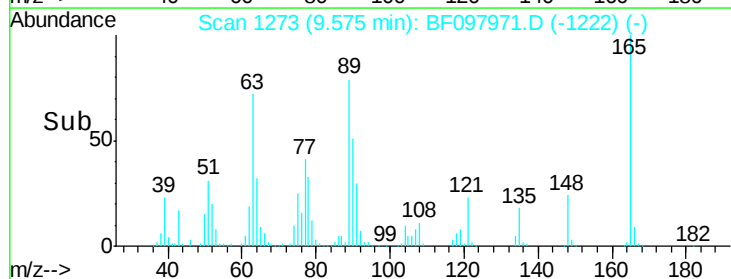
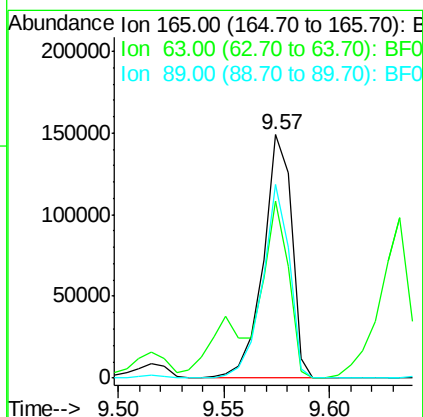
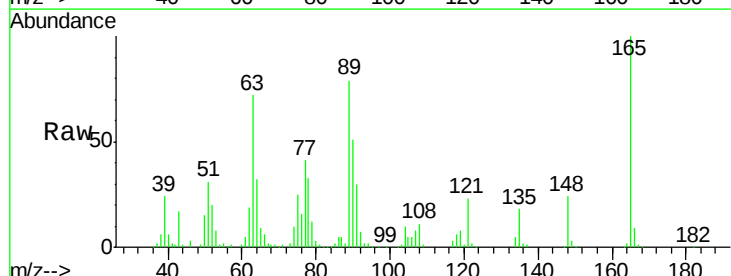
Instrument :
BNA_F
ClientSampleId :
SB-15-COMPMSD

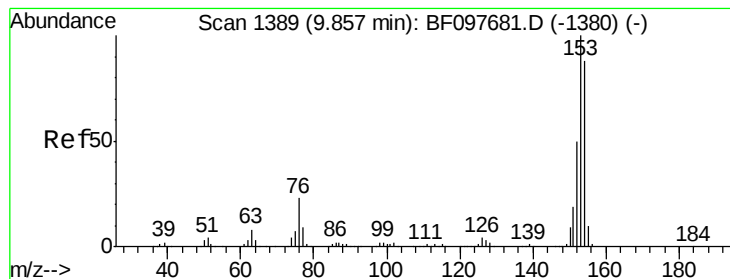
Tot Ion:163 Resp: 933553
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.7 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 39.25 ng
RT: 9.57 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BF097971.D
Acq: 22 Aug 2017 23:27

Tgt Ion:165 Resp: 139820
Ion Ratio Lower Upper
165 100
63 72.5 34.3 51.5#
89 79.5 37.1 55.7#





#51

Acenaphthene

Concen: 32.63 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.00 min

Lab File: BF097971.D

Acq: 22 Aug 2017 23:27

Instrument :

BNA_F

ClientSampleId :

SB-15-COMPMSD

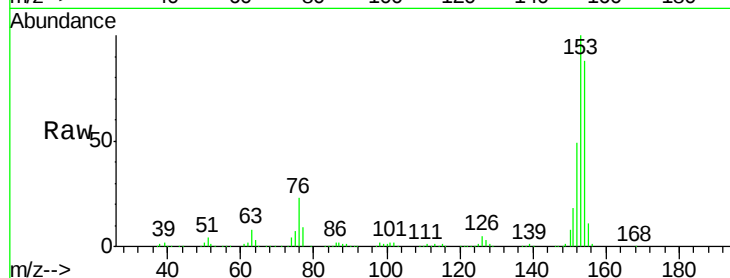
Tot Ion:154 Resp: 531597

Ion Ratio Lower Upper

154 100

153 114.2 90.5 135.7

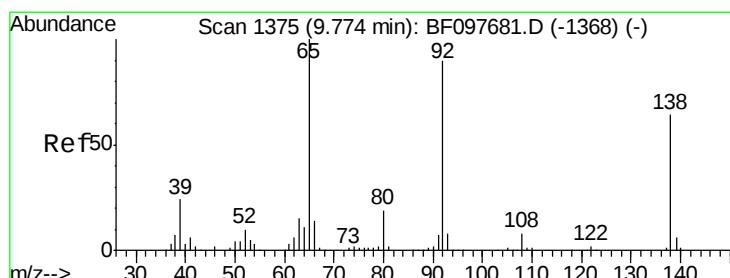
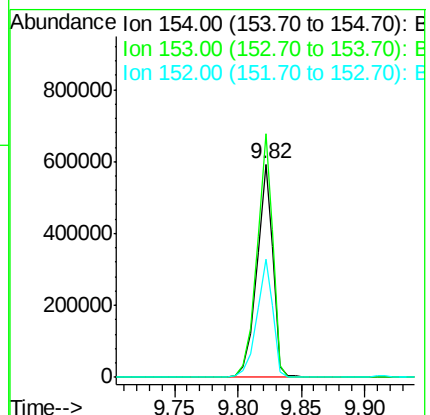
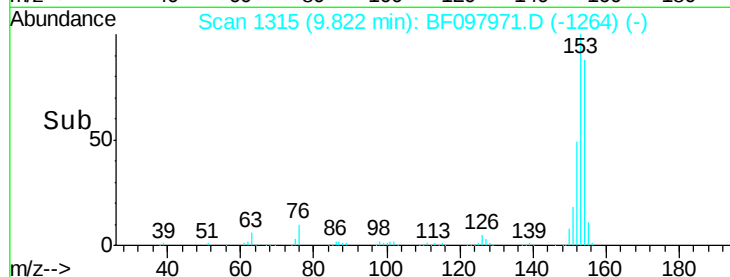
152 55.6 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 35.83 ng

RT: 9.75 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BF097971.D

Acq: 22 Aug 2017 23:27

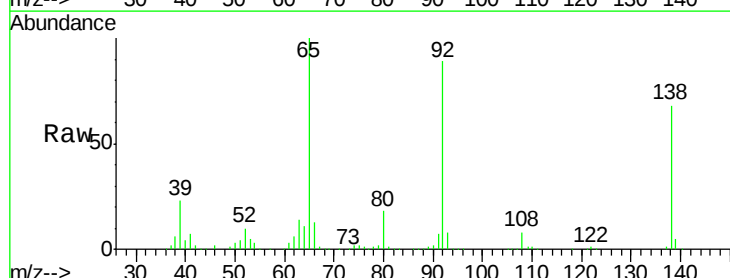
Tgt Ion:138 Resp: 164658

Ion Ratio Lower Upper

138 100

108 11.0 9.1 13.7

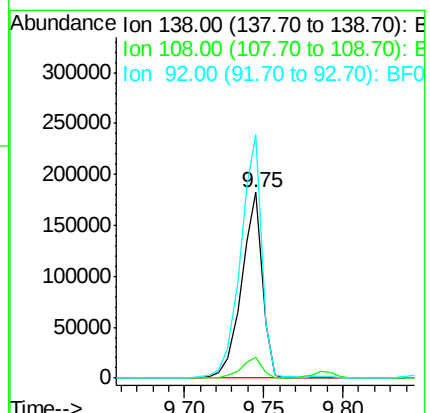
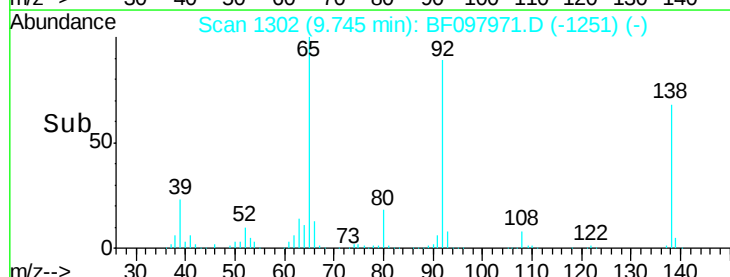
92 130.9 93.8 140.6

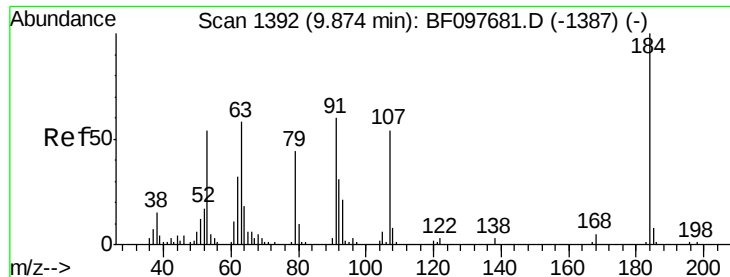


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

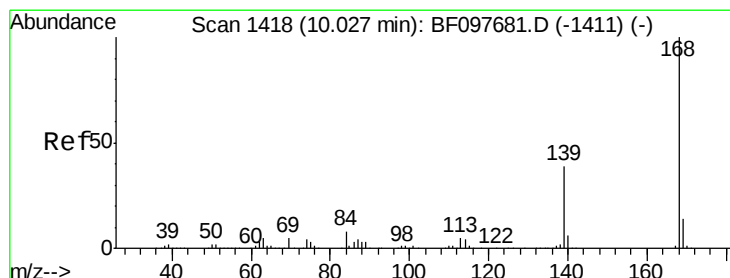
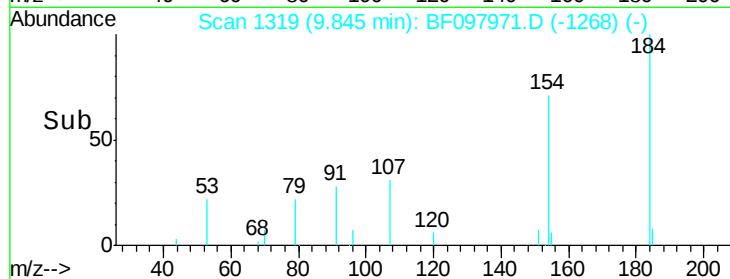
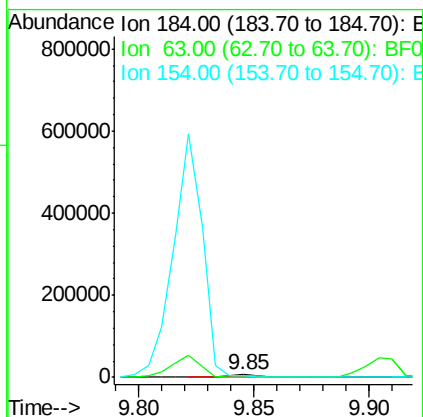
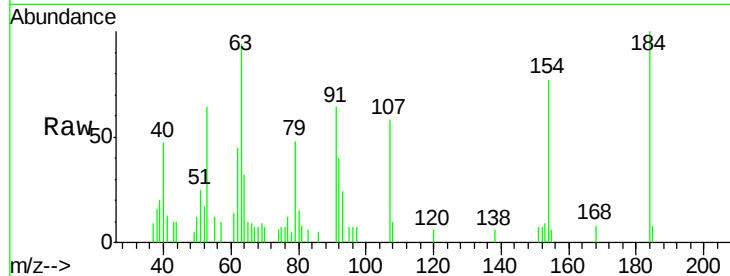




#53
 2,4-Dinitrophenol
 Concen: 13.03 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.00 min
 Lab File: BF097971.D
 Acq: 22 Aug 2017 23:27

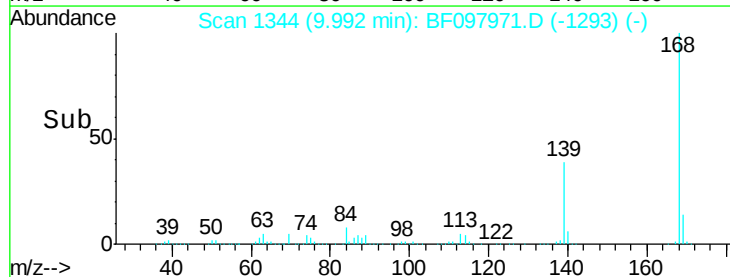
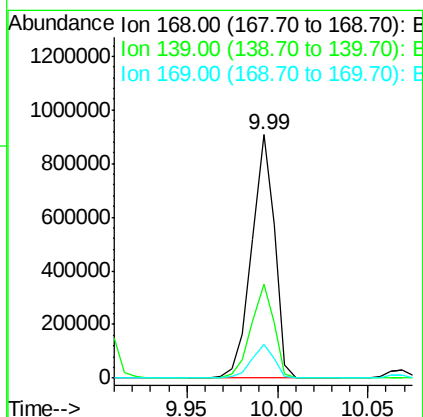
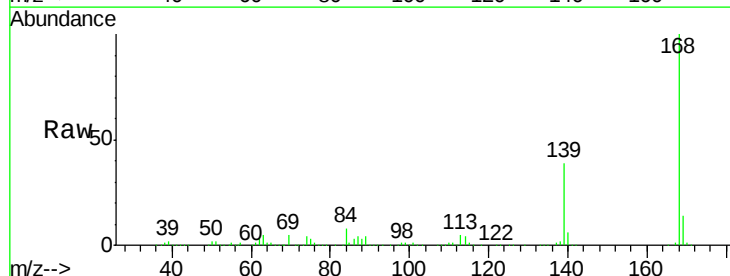
Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMPMSD

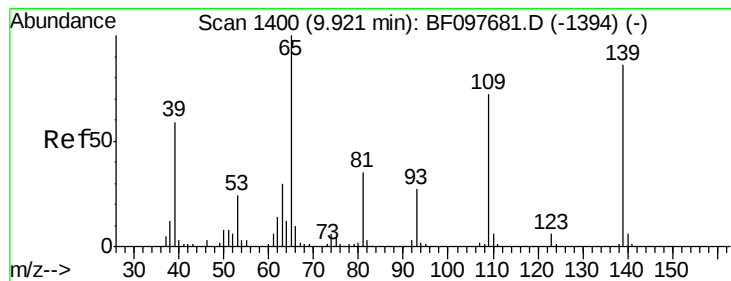
Tot Ion:184 Resp: 5598
 Ion Ratio Lower Upper
 184 100
 63 93.7 62.7 94.1
 154 76.5 81.1 121.7#



#54
 Dibenzofuran
 Concen: 36.47 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: BF097971.D
 Acq: 22 Aug 2017 23:27

Tgt Ion:168 Resp: 796201
 Ion Ratio Lower Upper
 168 100
 139 38.8 30.6 45.8
 169 13.9 10.8 16.2





#55

4-Nitrophenol

Concen: 40.35 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.01 min

Lab File: BF097971.D

Acq: 22 Aug 2017 23:27

Instrument :

BNA_F

ClientSampleId :

SB-15-COMPMSD

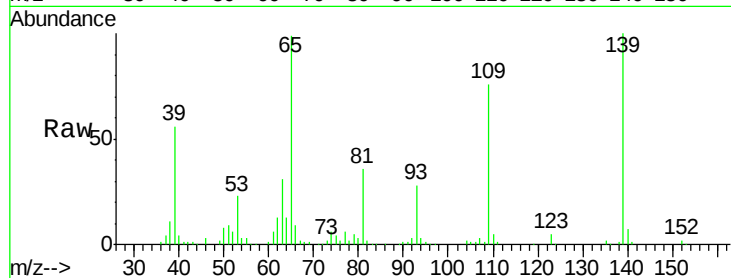
Tot Ion:139 Resp: 147926

Ion Ratio Lower Upper

139 100

109 76.5 34.1 74.1#

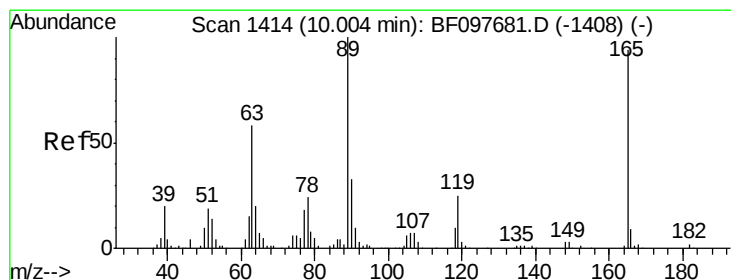
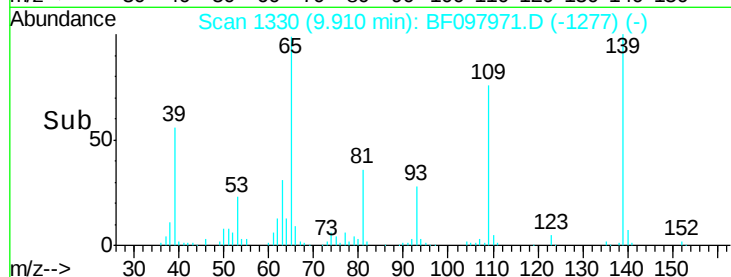
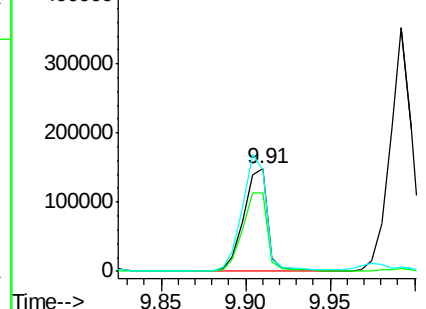
65 99.3 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 38.68 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BF097971.D

Acq: 22 Aug 2017 23:27

Tgt Ion:165 Resp: 172913

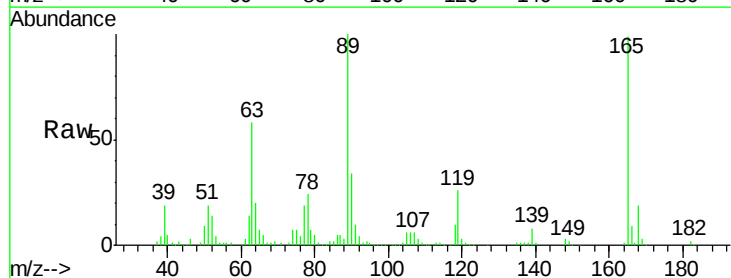
Ion Ratio Lower Upper

165 100

63 58.1 25.4 38.0#

89 100.8 46.4 69.6#

182 2.0 1.8 2.6

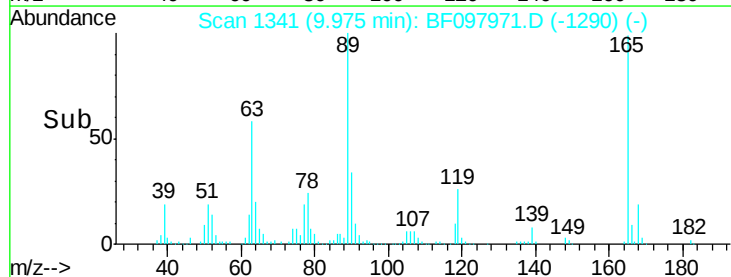
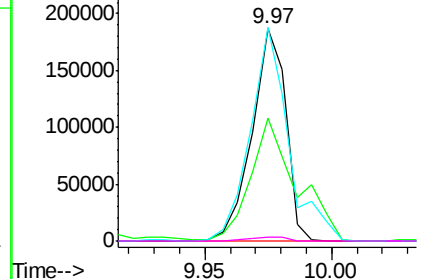


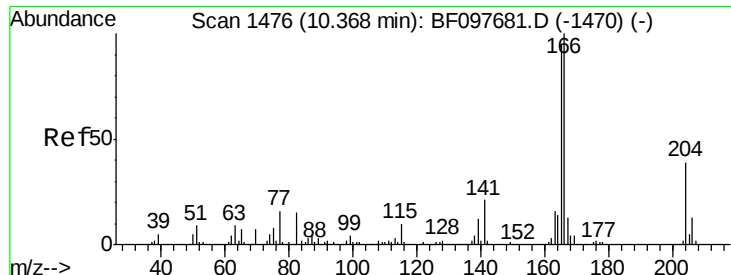
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

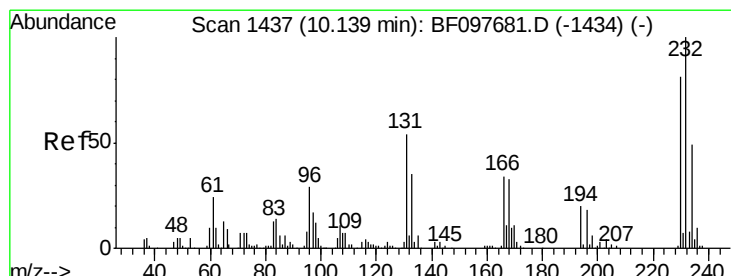
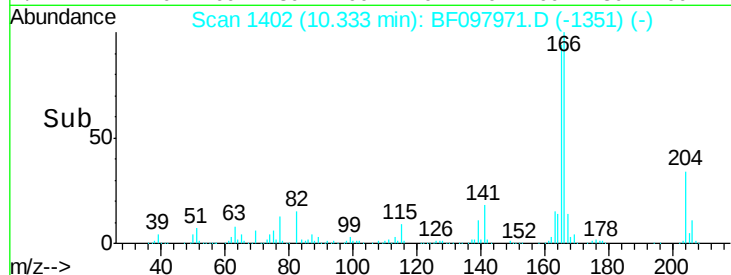
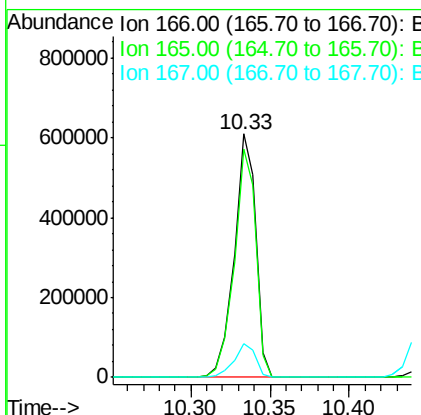
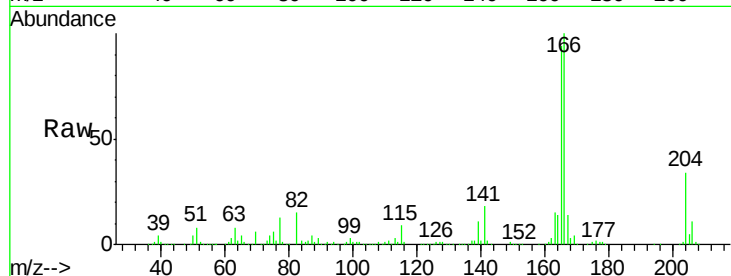




#57
Fluorene
 Concen: 33.82 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. 0.00 min
 Lab File: BF097971.D
 Acq: 22 Aug 2017 23:27

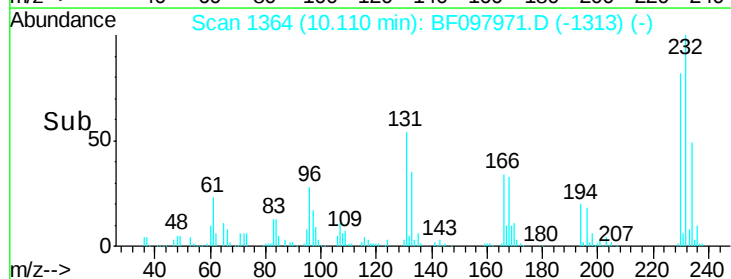
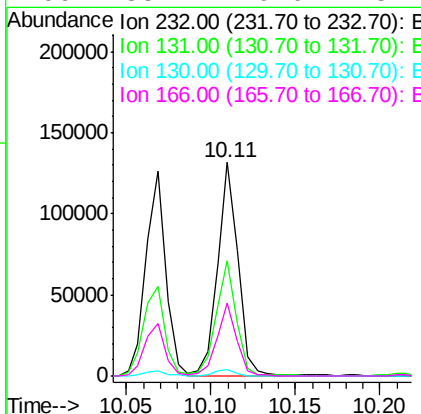
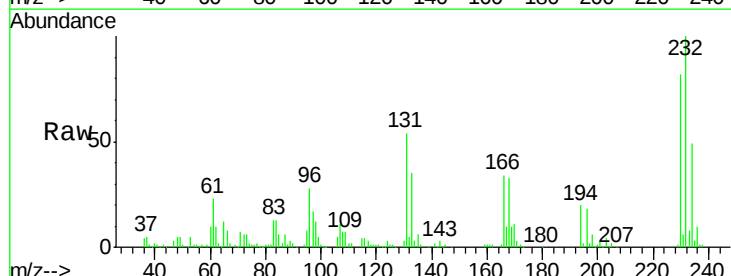
Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMPMSD

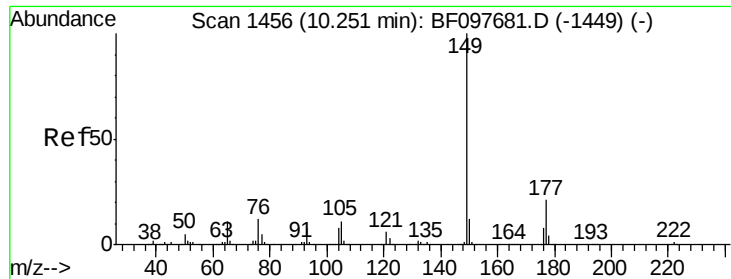
Tot Ion:166 Resp: 570949
 Ion Ratio Lower Upper
 166 100
 165 93.6 78.8 118.2
 167 13.7 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 28.72 ng
 RT: 10.11 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: BF097971.D
 Acq: 22 Aug 2017 23:27

Tgt Ion:232 Resp: 110956
 Ion Ratio Lower Upper
 232 100
 131 54.3 44.8 67.2
 130 3.0 2.3 3.5
 166 33.2 29.0 43.4

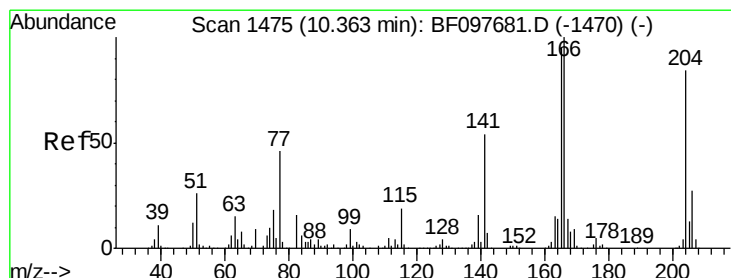
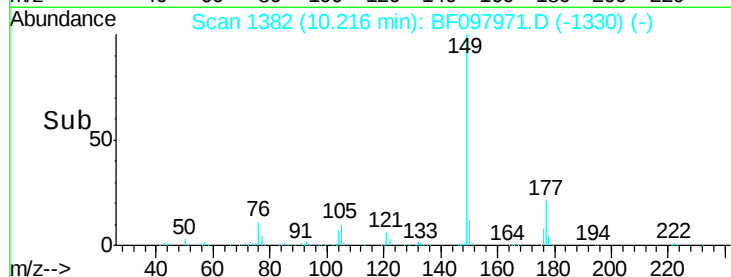
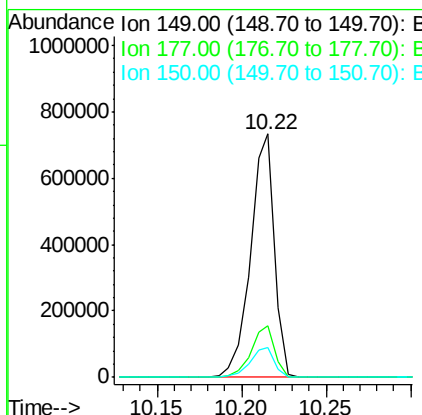
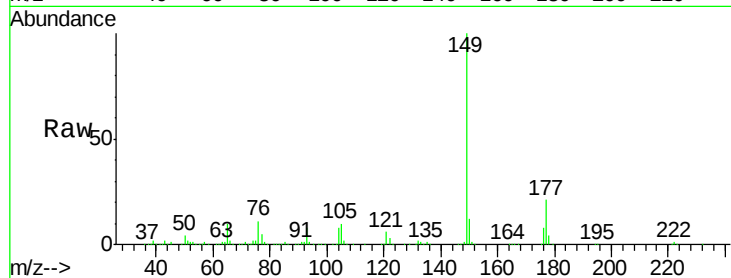




#59
Diethylphthalate
Concen: 38.72 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.01 min
Lab File: BF097971.D
Acq: 22 Aug 2017 23:27

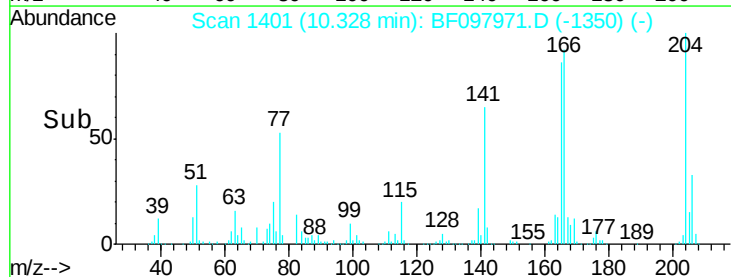
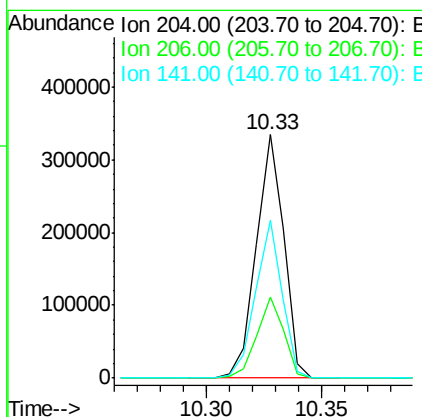
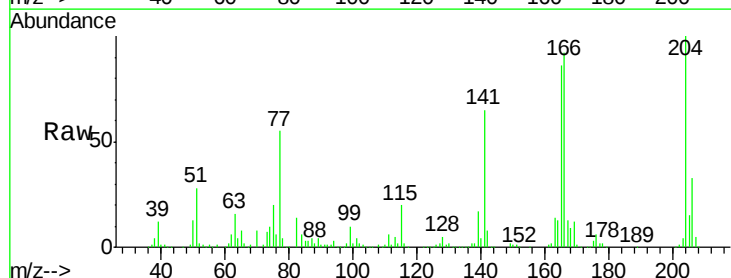
Instrument :
BNA_F
ClientSampleId :
SB-15-COMPMSD

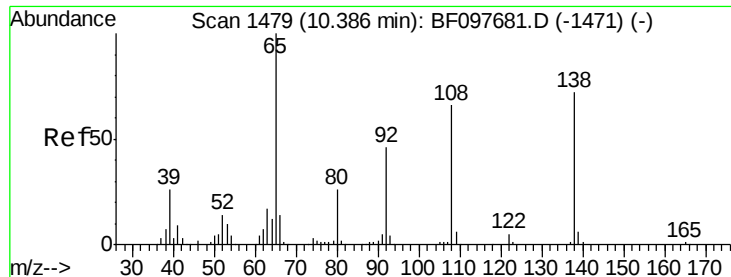
Tot Ion:149 Resp: 722580
Ion Ratio Lower Upper
149 100
177 21.0 16.7 25.1
150 12.2 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 35.57 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.00 min
Lab File: BF097971.D
Acq: 22 Aug 2017 23:27

Tgt Ion:204 Resp: 278989
Ion Ratio Lower Upper
204 100
206 33.5 26.2 39.2
141 64.9 60.8 91.2

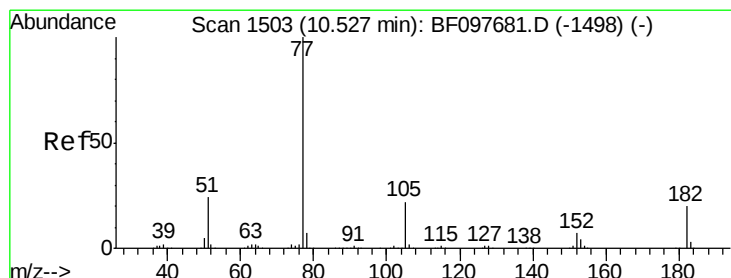
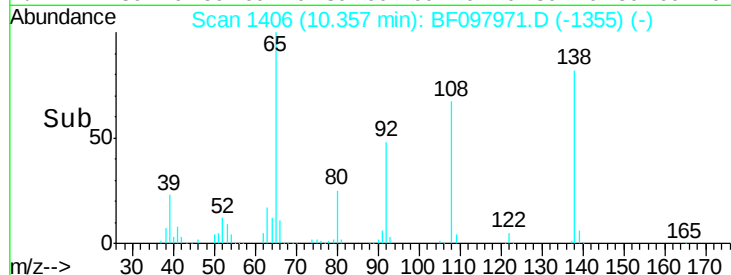
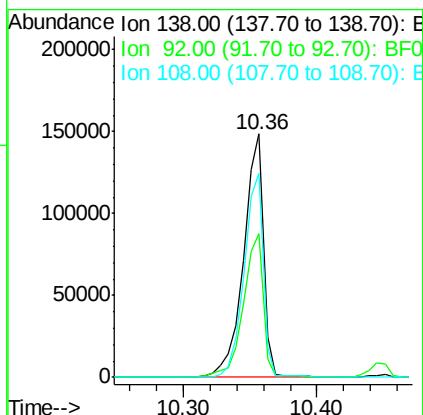
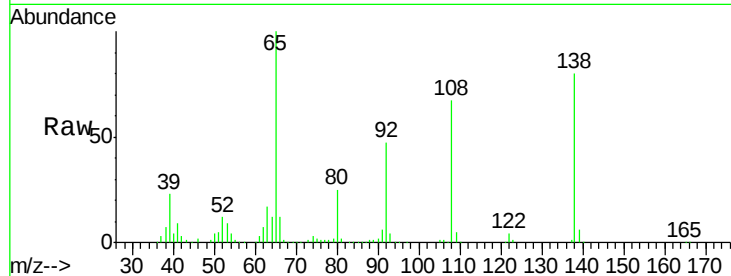




#61
4-Nitroaniline
Concen: 35.17 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF097971.D
Acq: 22 Aug 2017 23:27

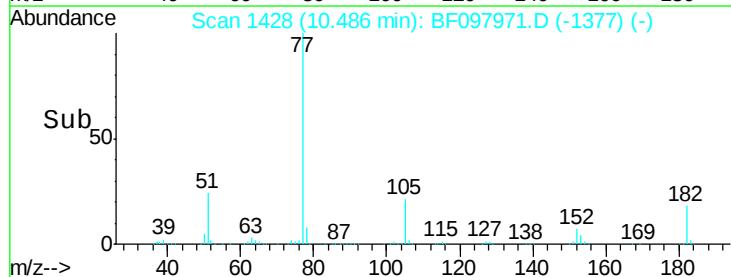
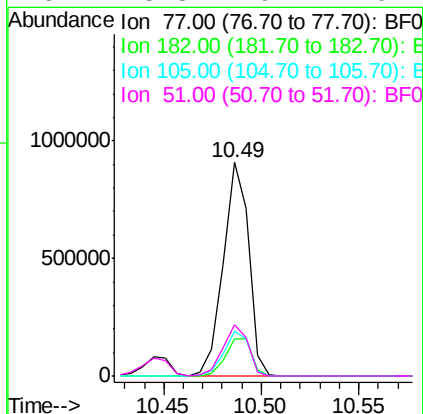
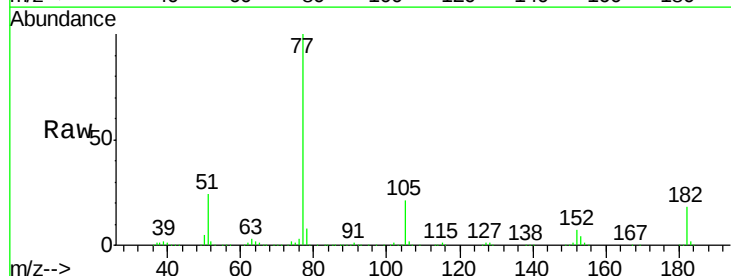
Instrument :
BNA_F
ClientSampleId :
SB-15-COMPMSD

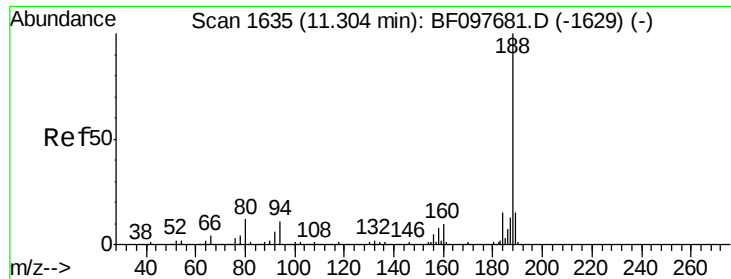
Tot Ion:138 Resp: 153642
Ion Ratio Lower Upper
138 100
92 59.1 21.8 61.8
108 83.6 42.3 82.3#



#62
Azobenzene
Concen: 36.85 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF097971.D
Acq: 22 Aug 2017 23:27

Tgt Ion: 77 Resp: 816915
Ion Ratio Lower Upper
77 100
182 17.6 0.1 40.1
105 21.0 3.6 43.6
51 23.8 9.4 49.4

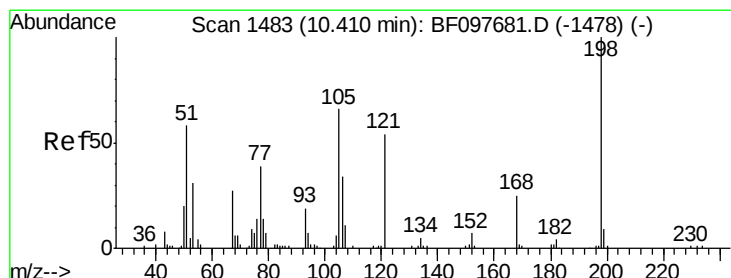
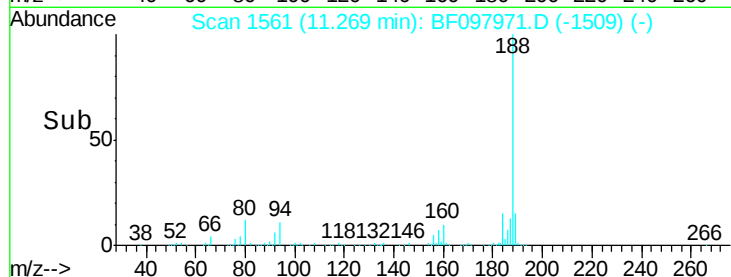
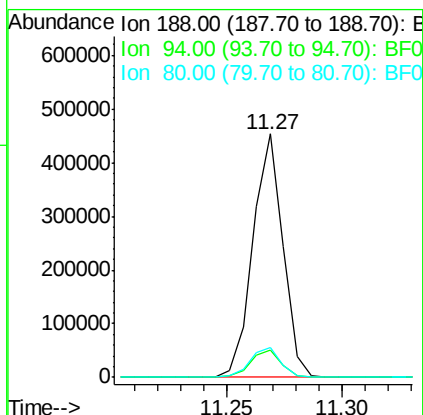
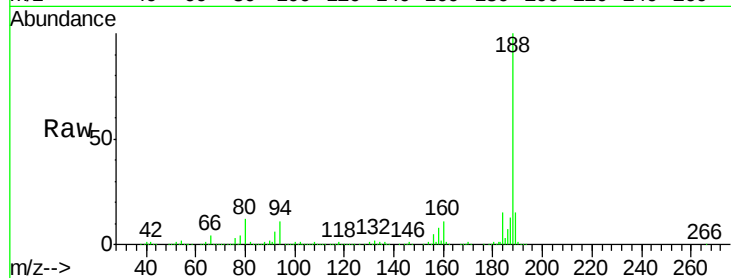




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BF097971.D
Acq: 22 Aug 2017 23:27

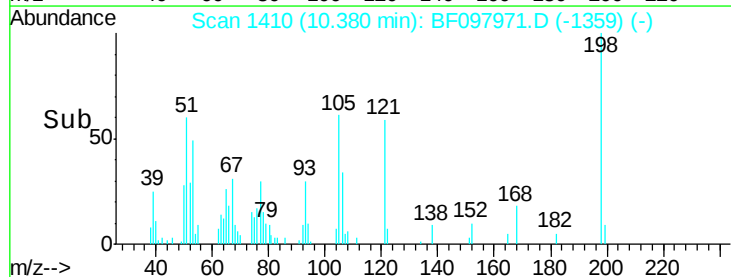
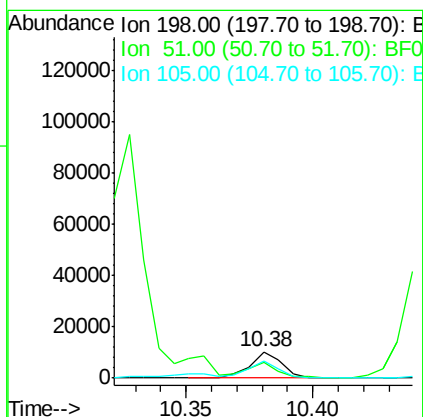
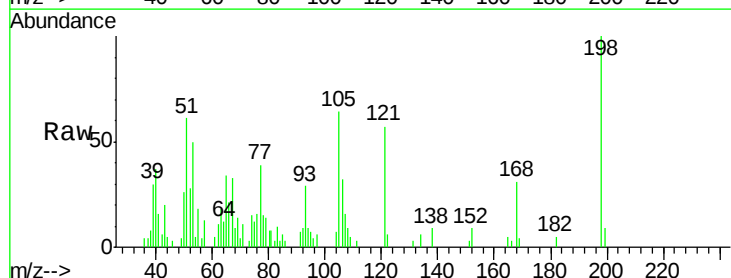
Instrument :
BNA_F
ClientSampleId :
SB-15-COMPMSD

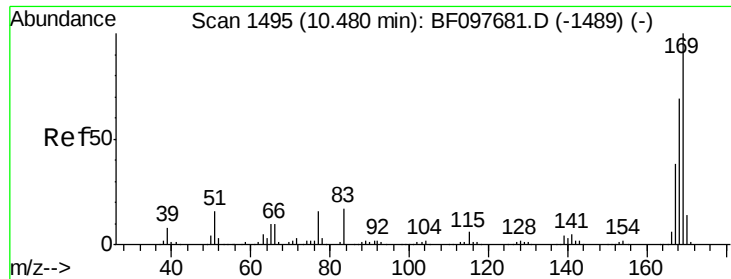
Tot Ion:188 Resp: 411491
Ion Ratio Lower Upper
188 100
94 11.4 9.4 14.2
80 12.3 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 12.17 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF097971.D
Acq: 22 Aug 2017 23:27

Tgt Ion:198 Resp: 9031
Ion Ratio Lower Upper
198 100
51 61.4 53.2 93.2
105 63.6 45.8 85.8

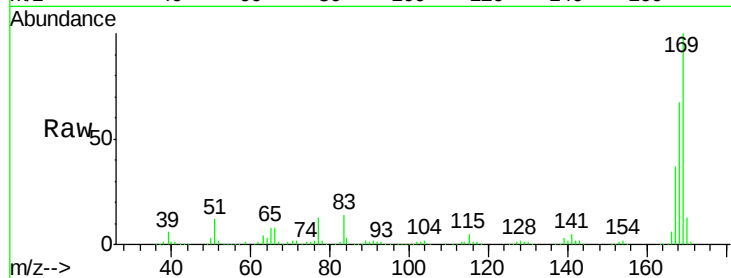




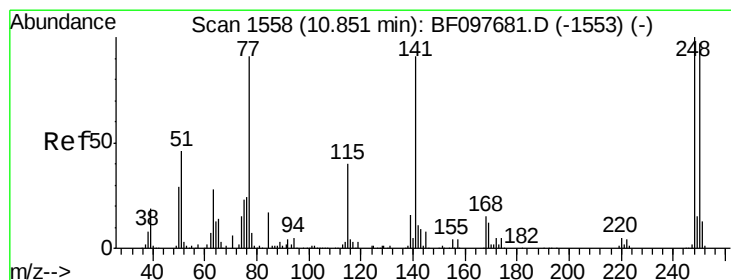
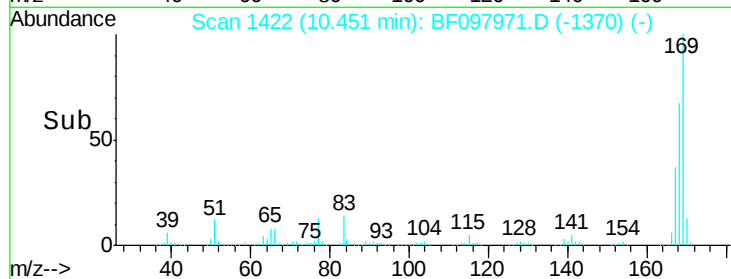
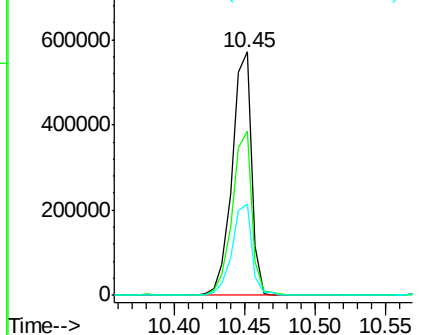
#65
 n-Nitrosodiphenylamine
 Concen: 39.01 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. 0.01 min
 Lab File: BF097971.D
 Acq: 22 Aug 2017 23:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMPMSD

Tot Ion:169 Resp: 546620
 Ion Ratio Lower Upper
 169 100
 168 67.5 53.2 79.8
 167 37.3 29.5 44.3

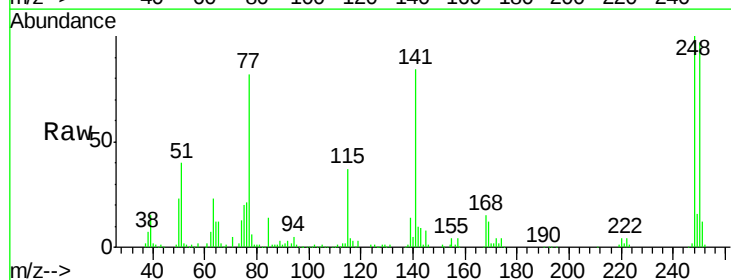


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

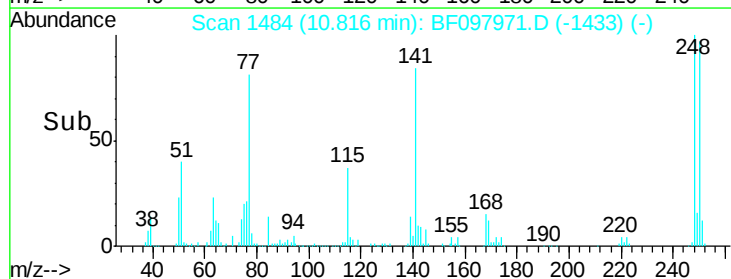
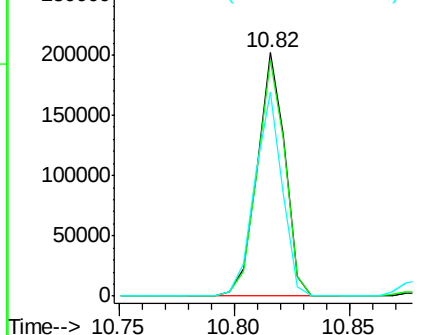


#66
 4-Bromophenyl-phenylether
 Concen: 39.72 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. 0.00 min
 Lab File: BF097971.D
 Acq: 22 Aug 2017 23:27

Tgt Ion:248 Resp: 169746
 Ion Ratio Lower Upper
 248 100
 250 97.0 76.8 115.2
 141 83.7 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

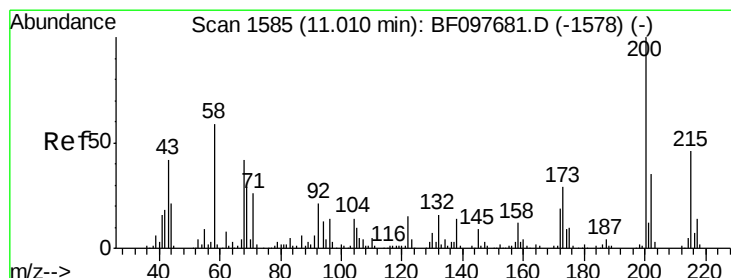
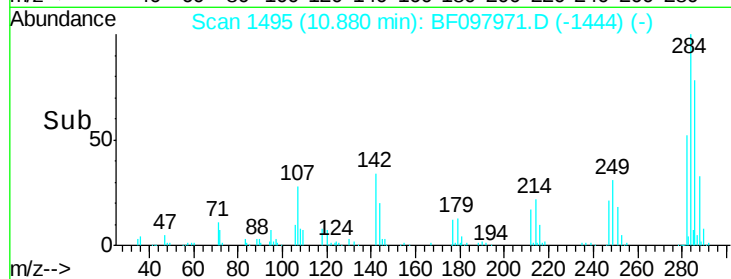
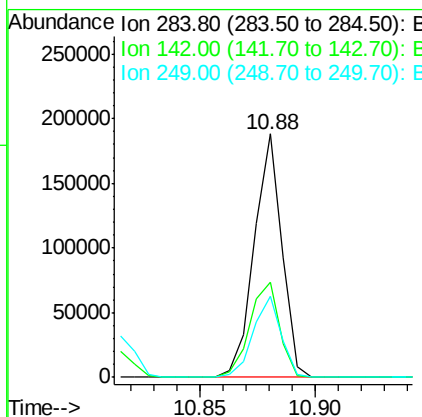
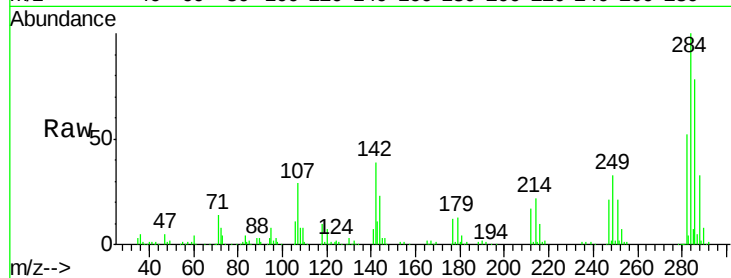




#67
Hexachlorobenzene
Concen: 36.22 ng
RT: 10.88 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BF097971.D
Acq: 22 Aug 2017 23:27

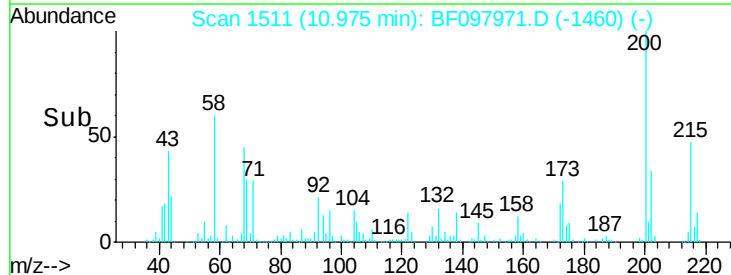
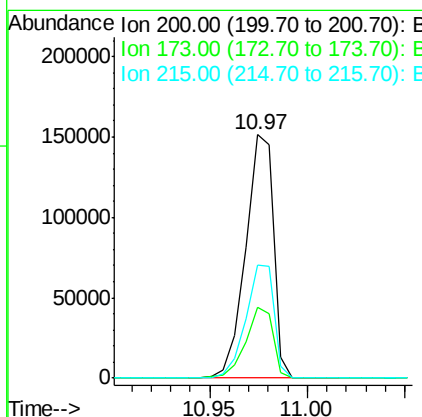
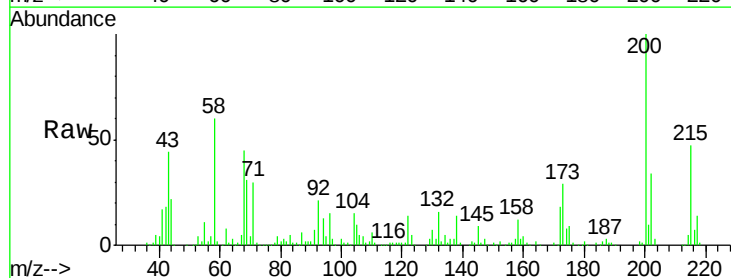
Instrument :
BNA_F
ClientSampleId :
SB-15-COMPMSD

Tot Ion:284 Resp: 157753
Ion Ratio Lower Upper
284 100
142 39.3 22.8 34.2#
249 33.0 24.0 36.0



#68
Atrazine
Concen: 40.43 ng
RT: 10.97 min Scan# 1511
Delta R.T. 0.00 min
Lab File: BF097971.D
Acq: 22 Aug 2017 23:27

Tgt Ion:200 Resp: 150232
Ion Ratio Lower Upper
200 100
173 29.2 6.3 46.3
215 46.6 27.2 67.2

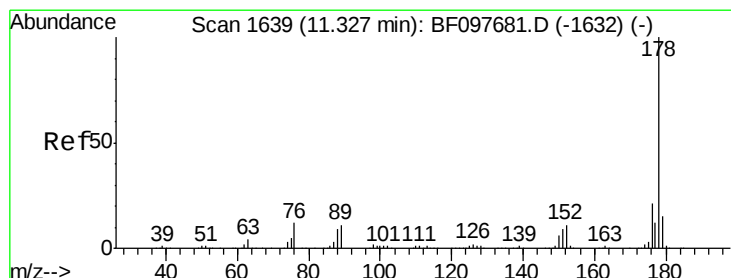
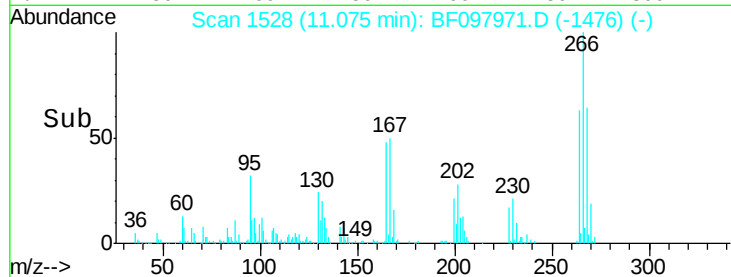
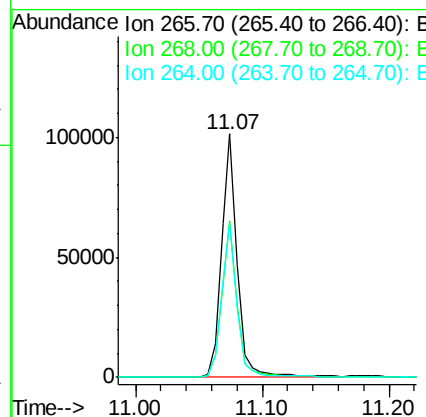
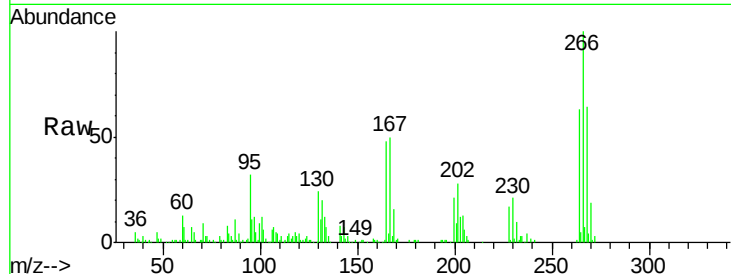




#69
 Pentachlorophenol
 Concen: 35.12 ng
 RT: 11.07 min Scan# 1528
 Delta R.T. 0.01 min
 Lab File: BF097971.D
 Acq: 22 Aug 2017 23:27

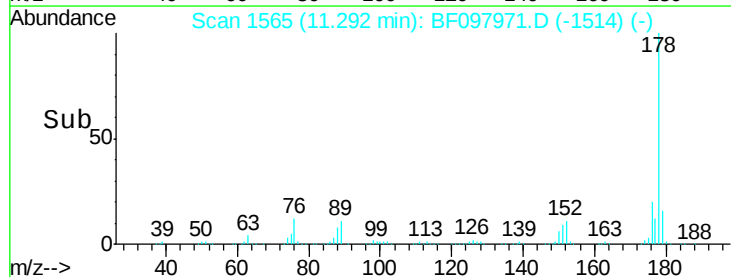
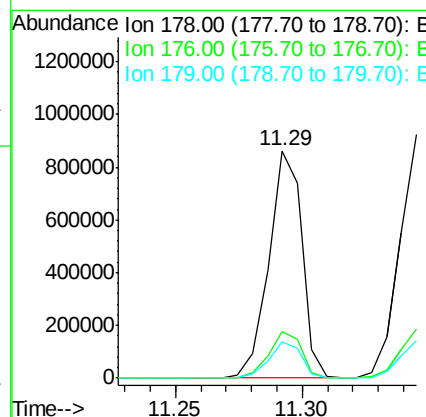
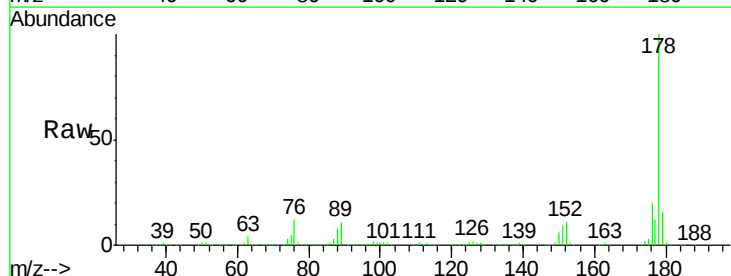
Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMPMSD

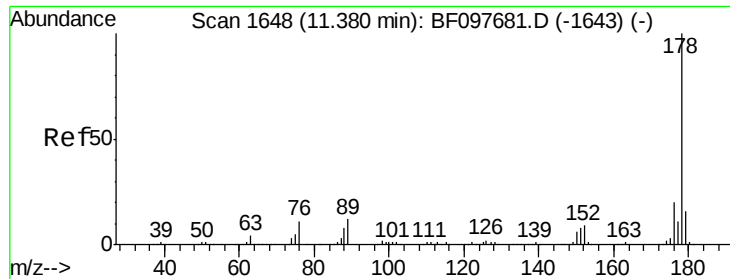
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.3	51.1	76.7
264	63.0	51.7	77.5



#70
 Phenanthrene
 Concen: 35.99 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: BF097971.D
 Acq: 22 Aug 2017 23:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.2	24.4
179	15.7	12.6	19.0

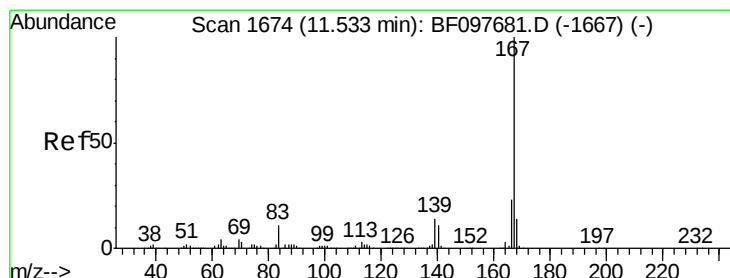
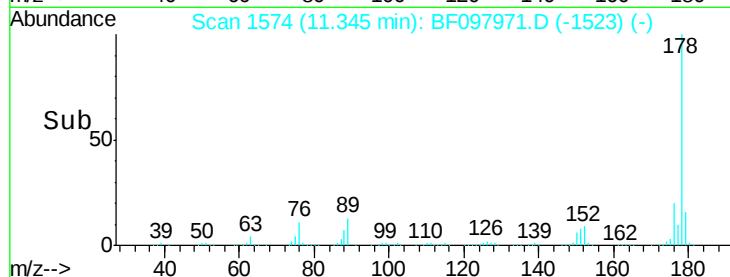
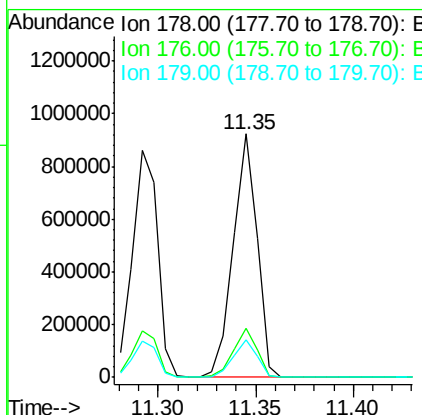
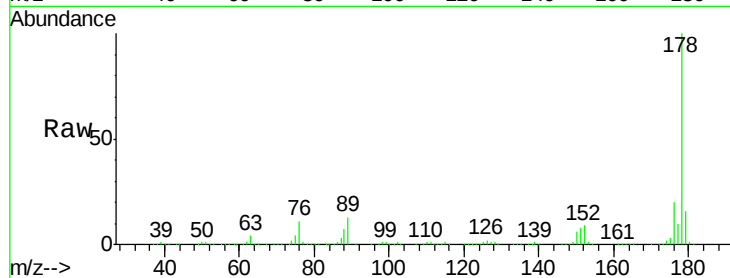




#71
 Anthracene
 Concen: 35.31 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: BF097971.D
 Acq: 22 Aug 2017 23:27

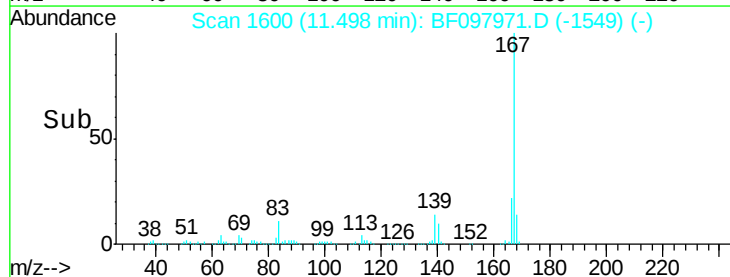
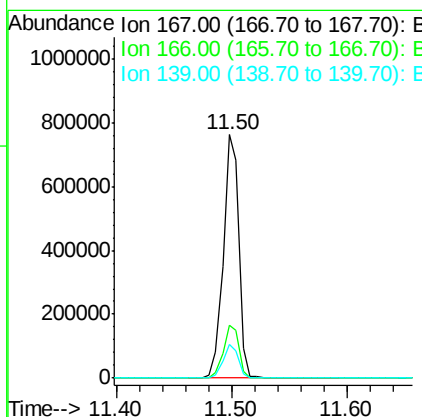
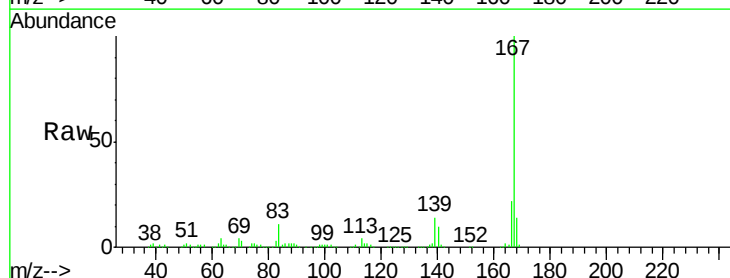
Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMPMSD

Tot Ion:178 Resp: 785359
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 15.5 12.7 19.1



#72
 Carbazole
 Concen: 33.57 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BF097971.D
 Acq: 22 Aug 2017 23:27

Tgt Ion:167 Resp: 708775
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.1 27.1
 139 14.0 11.7 17.5

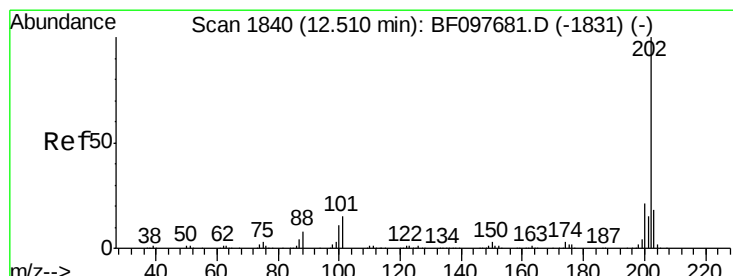
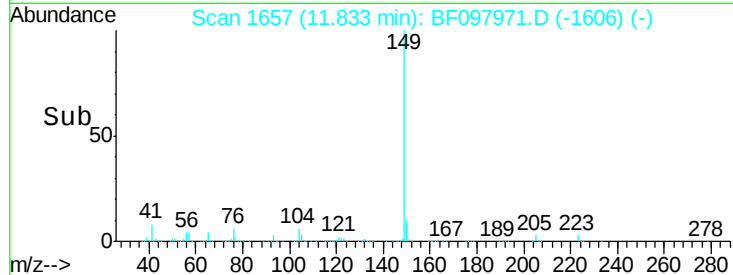
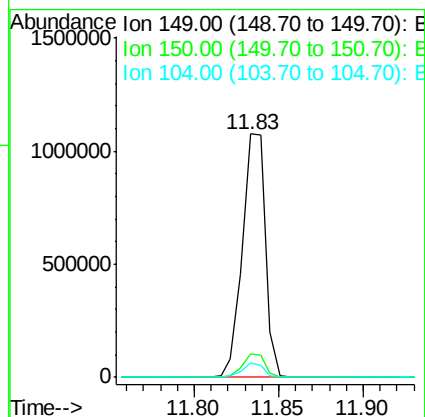
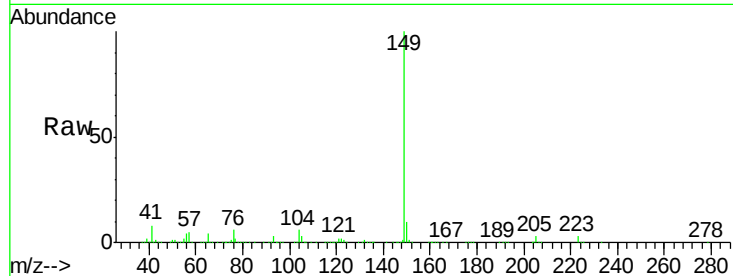




#73
Di-n-butylphthalate
Concen: 42.16 ng
RT: 11.83 min Scan# 1657
Delta R.T. 0.00 min
Lab File: BF097971.D
Acq: 22 Aug 2017 23:27

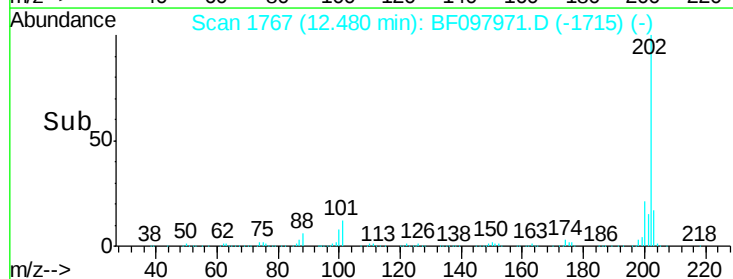
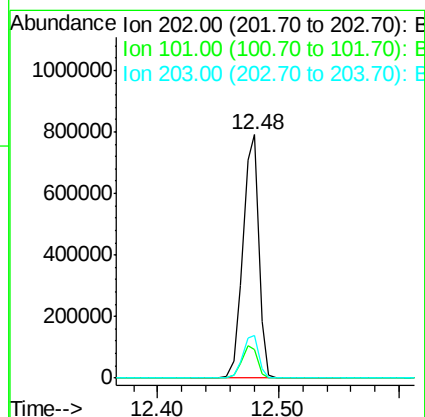
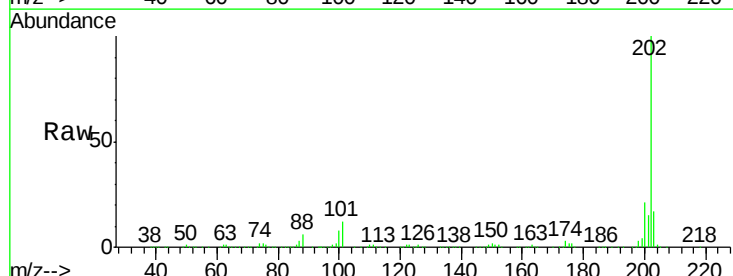
Instrument :
BNA_F
ClientSampleId :
SB-15-COMPMSD

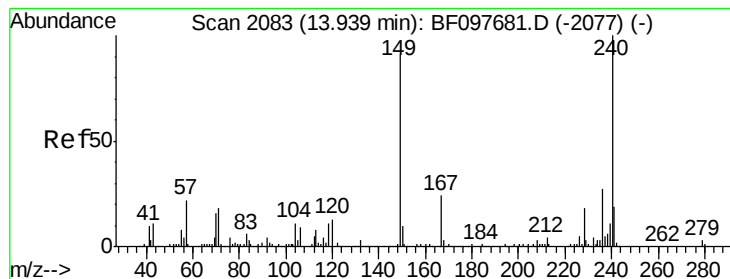
Tot Ion:149 Resp: 1025288
Ion Ratio Lower Upper
149 100
150 9.5 7.7 11.5
104 5.8 4.0 6.0



#74
Fluoranthene
Concen: 31.90 ng
RT: 12.48 min Scan# 1767
Delta R.T. 0.01 min
Lab File: BF097971.D
Acq: 22 Aug 2017 23:27

Tgt Ion:202 Resp: 729982
Ion Ratio Lower Upper
202 100
101 11.6 0.0 33.2
203 17.4 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.90 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BF097971.D

Acq: 22 Aug 2017 23:27

Instrument :

BNA_F

ClientSampleId :

SB-15-COMPMSD

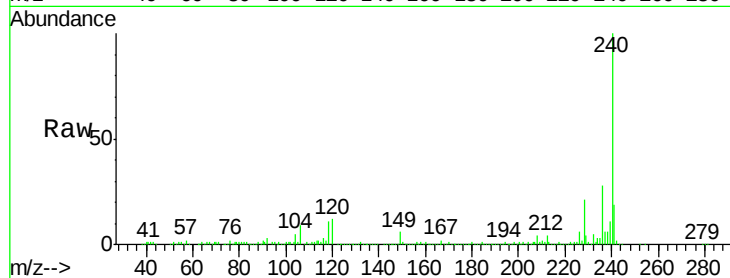
Tot Ion:240 Resp: 266055

Ion Ratio Lower Upper

240 100

120 12.5 5.8 8.8#

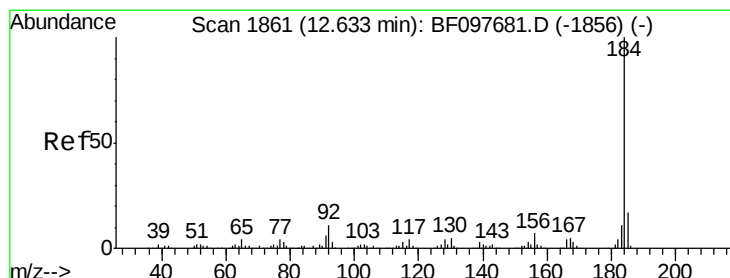
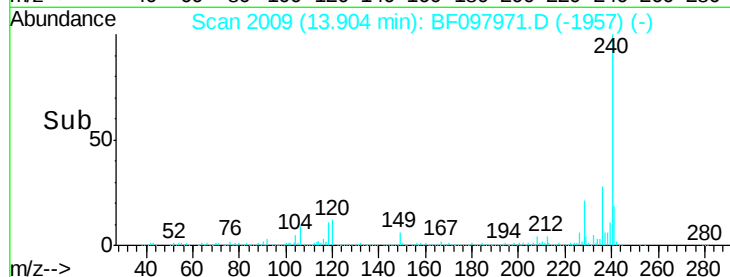
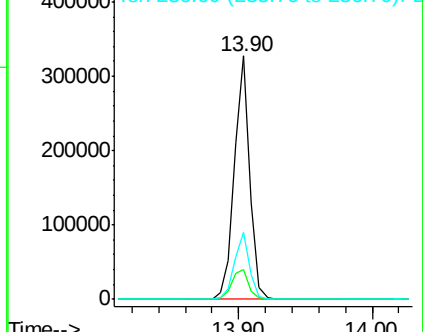
236 27.7 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 12.22 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BF097971.D

Acq: 22 Aug 2017 23:27

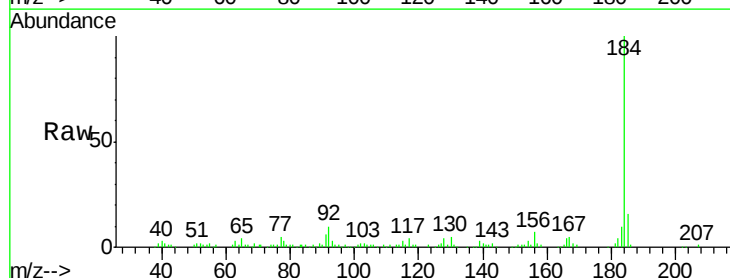
Tgt Ion:184 Resp: 106642

Ion Ratio Lower Upper

184 100

185 15.6 15.5 23.3

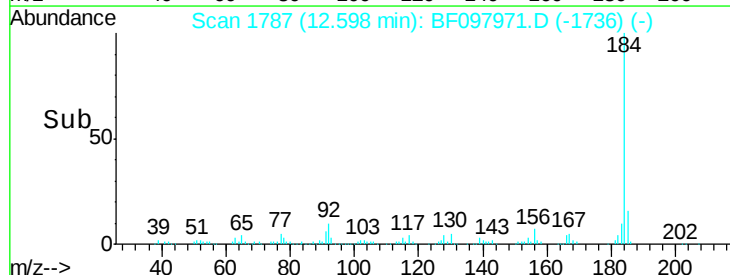
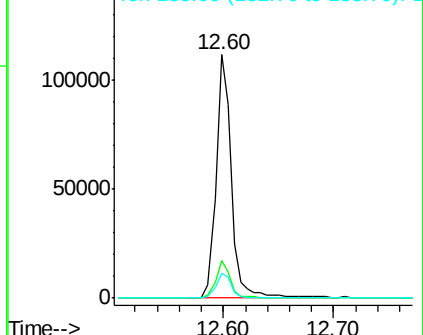
183 10.1 9.8 14.6

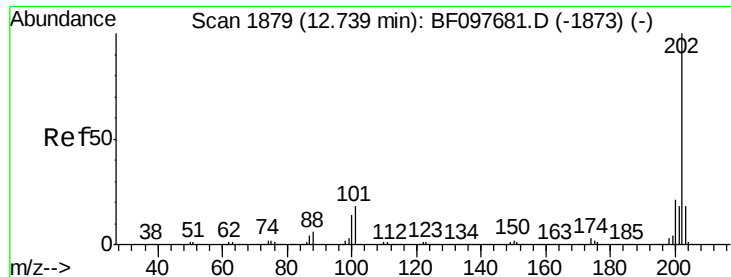


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

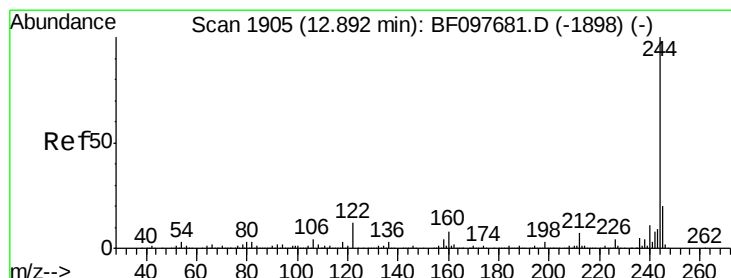
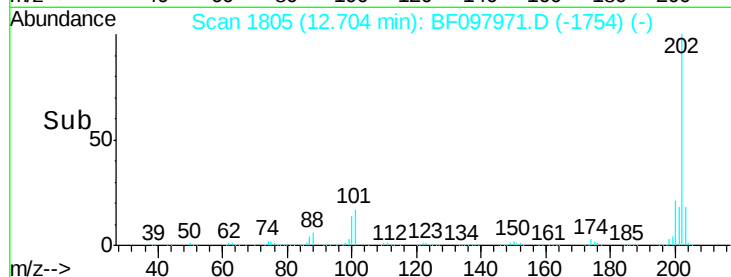
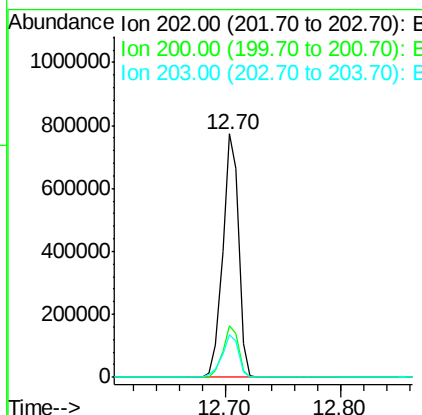
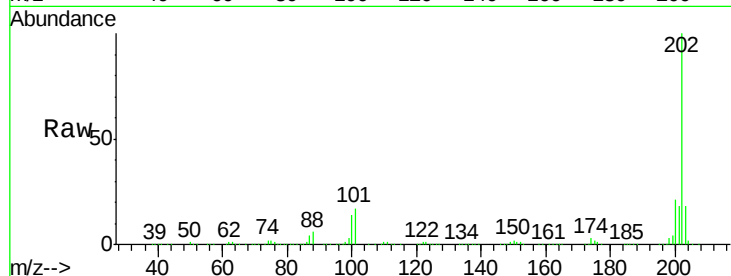




#77
Pvrene
Concen: 33.73 ng
RT: 12.70 min Scan# 1805
Delta R.T. 0.00 min
Lab File: BF097971.D
Acq: 22 Aug 2017 23:27

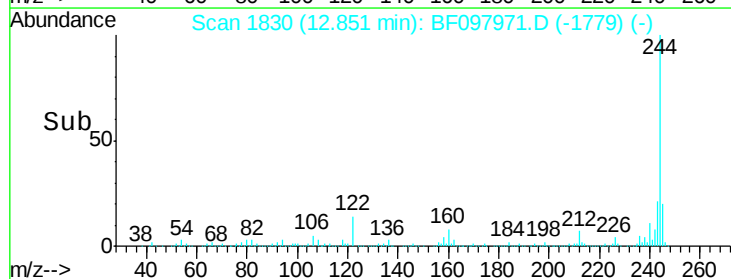
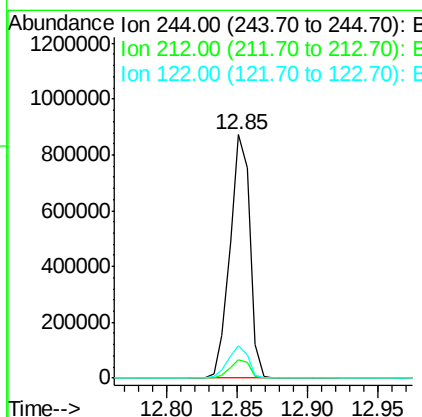
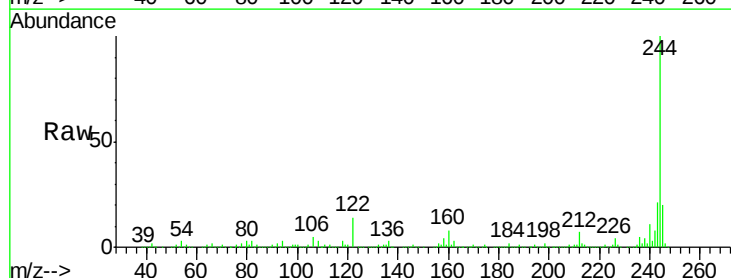
Instrument :
BNA_F
ClientSampleId :
SB-15-COMPMSD

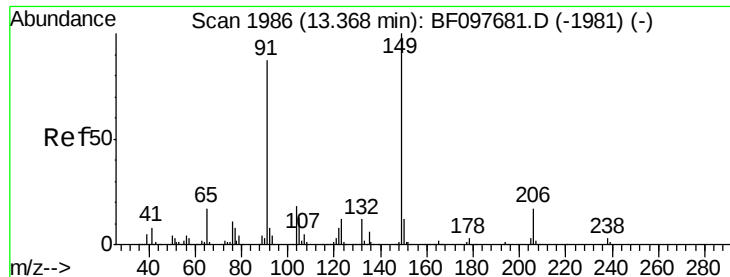
Tot Ion:202 Resp: 733882
Ion Ratio Lower Upper
202 100
200 21.1 17.6 26.4
203 17.7 14.4 21.6



#78
Terphenyl-d14
Concen: 67.00 ng
RT: 12.85 min Scan# 1830
Delta R.T. 0.00 min
Lab File: BF097971.D
Acq: 22 Aug 2017 23:27

Tgt Ion:244 Resp: 854827
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 13.6 10.3 15.5

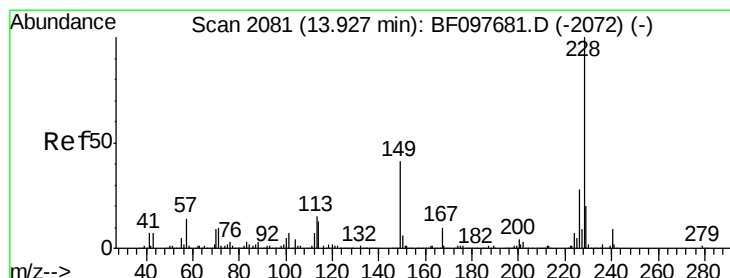
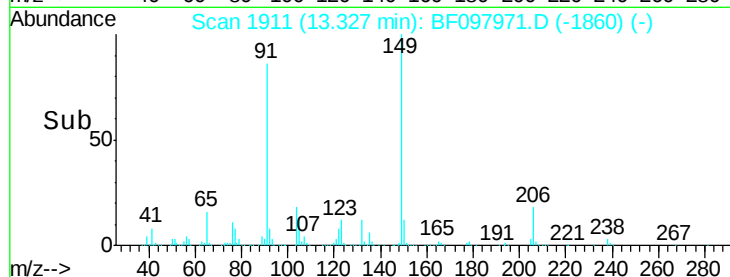
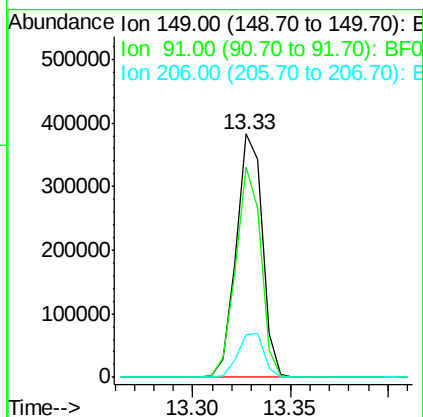
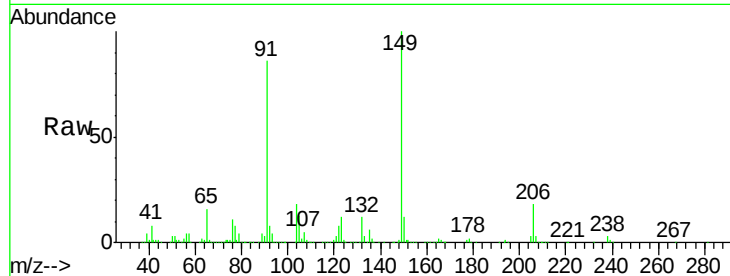




#79
Butylbenzylphthalate
Concen: 42.48 ng
RT: 13.33 min Scan# 1911
Delta R.T. 0.00 min
Lab File: BF097971.D
Acq: 22 Aug 2017 23:27

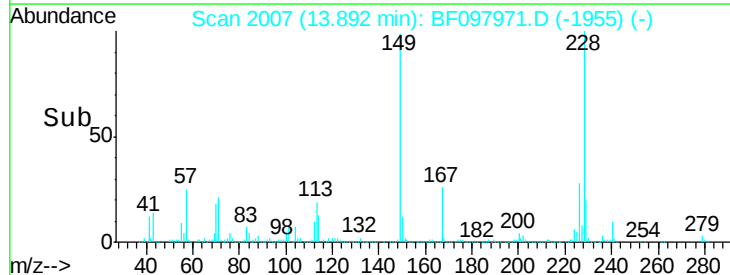
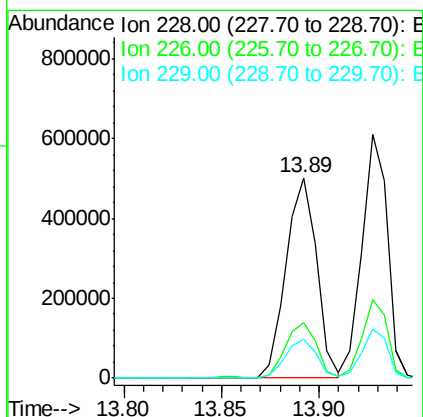
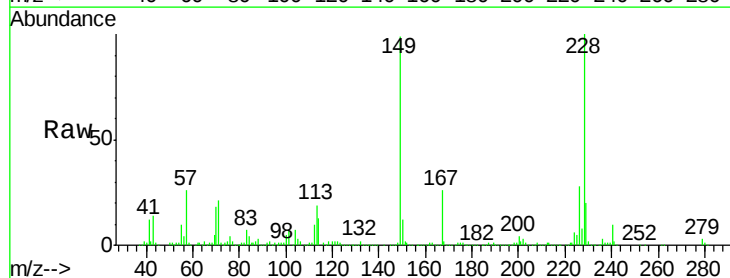
Instrument :
BNA_F
ClientSampleId :
SB-15-COMPMSD

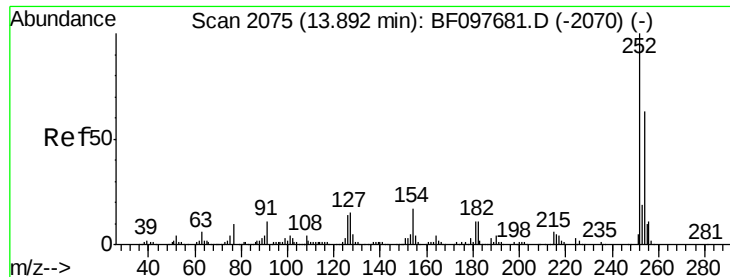
Tot Ion:149 Resp: 354423
Ion Ratio Lower Upper
149 100
91 86.2 45.0 67.4#
206 17.7 17.0 25.6



#80
Benzo(a)anthracene
Concen: 34.19 ng
RT: 13.89 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BF097971.D
Acq: 22 Aug 2017 23:27

Tgt Ion:228 Resp: 545240
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 19.6 16.3 24.5





#81

3,3'-Dichlorobenzidine

Concen: 32.24 ng

RT: 13.86 min Scan# 2001

Delta R.T. 0.01 min

Lab File: BF097971.D

Acq: 22 Aug 2017 23:27

Instrument :

BNA_F

ClientSampleId :

SB-15-COMPMSD

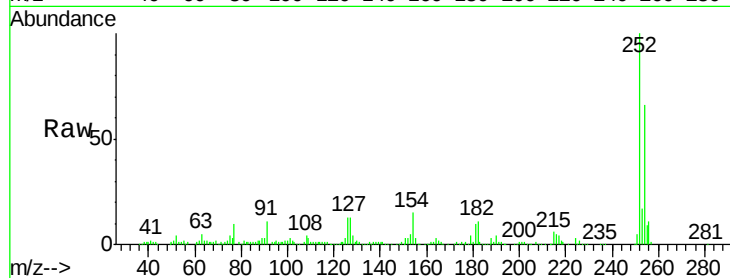
Tot Ion:252 Resp: 173480

Ion Ratio Lower Upper

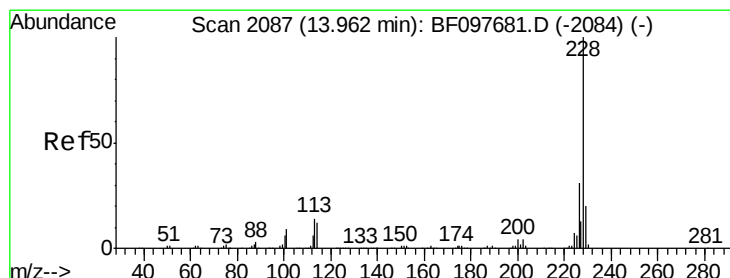
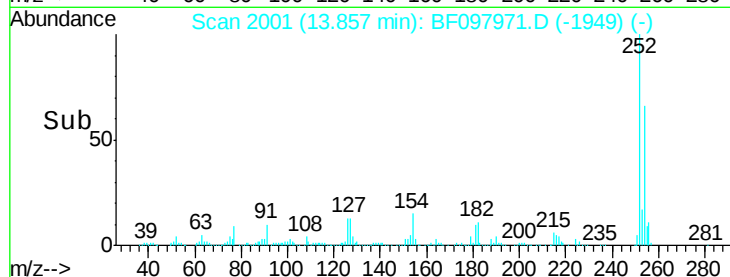
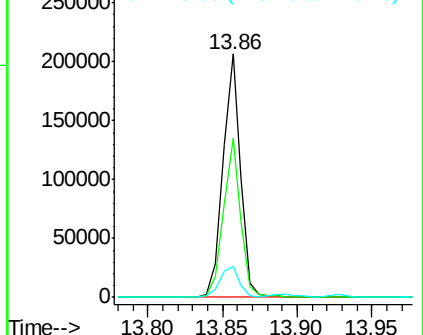
252 100

254 65.5 51.5 77.3

126 13.0 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: 34.71 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF097971.D

Acq: 22 Aug 2017 23:27

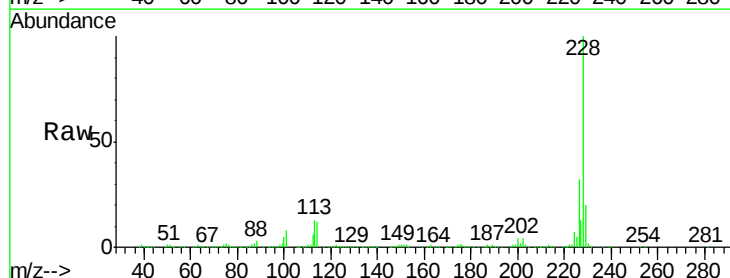
Tgt Ion:228 Resp: 550590

Ion Ratio Lower Upper

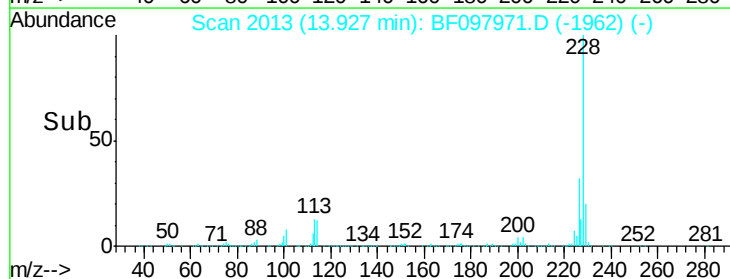
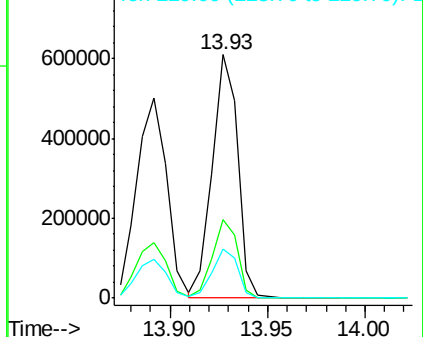
228 100

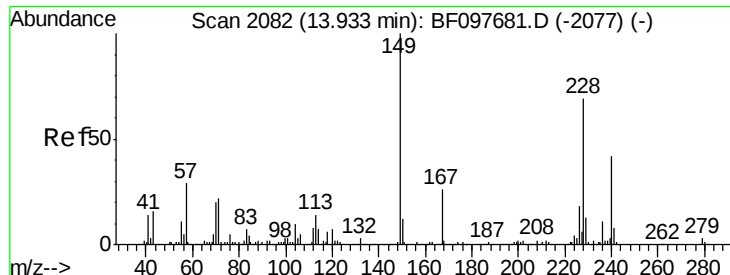
226 32.2 24.9 37.3

229 20.1 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

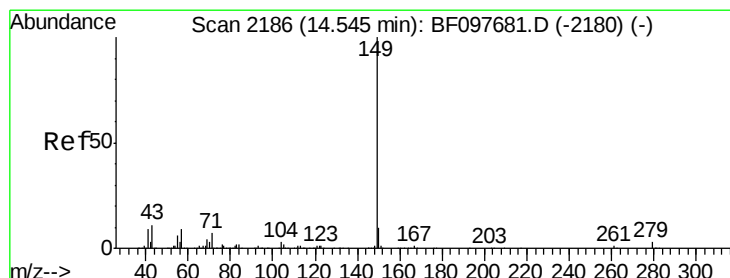
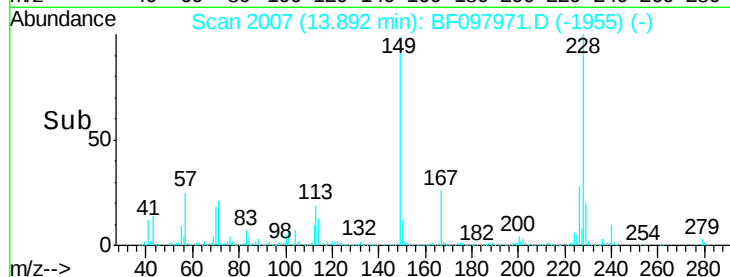
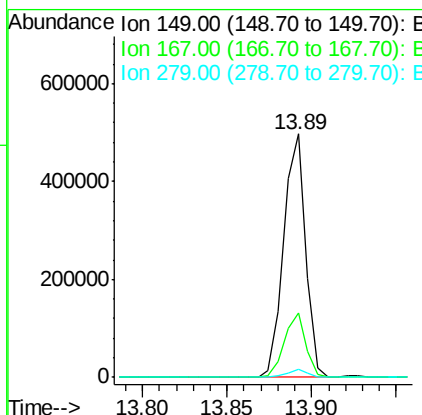
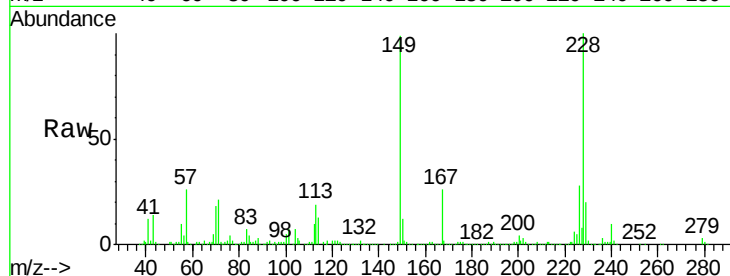




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.62 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. 0.01 min
 Lab File: BF097971.D
 Acq: 22 Aug 2017 23:27

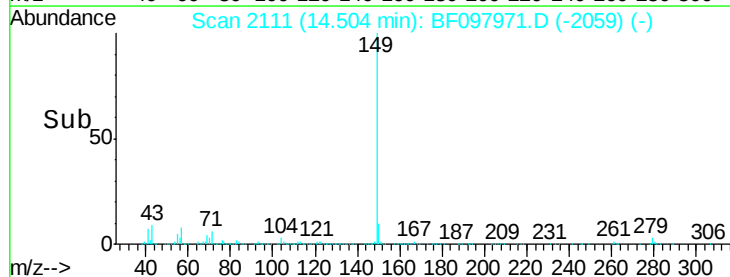
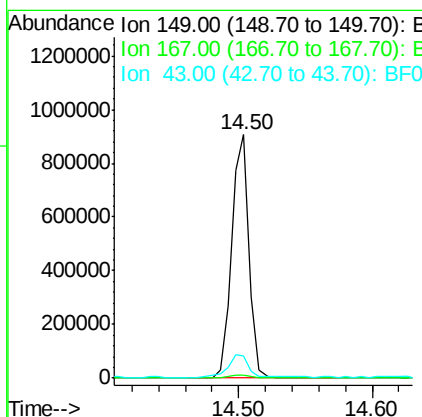
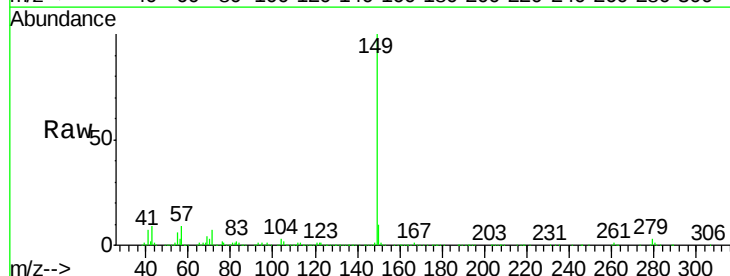
Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMPMSD

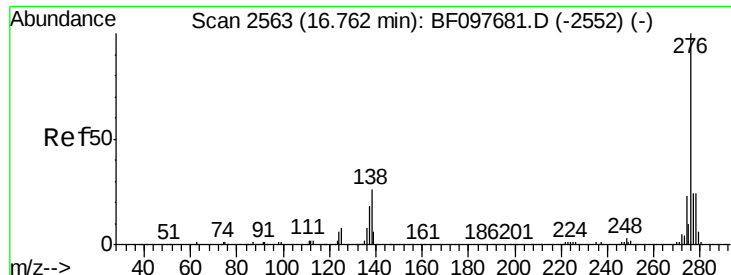
Tot Ion:149 Resp: 449458
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.0 31.4
 279 3.2 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 50.88 ng
 RT: 14.50 min Scan# 2111
 Delta R.T. 0.01 min
 Lab File: BF097971.D
 Acq: 22 Aug 2017 23:27

Tgt Ion:149 Resp: 818366
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 10.6 8.5 12.7

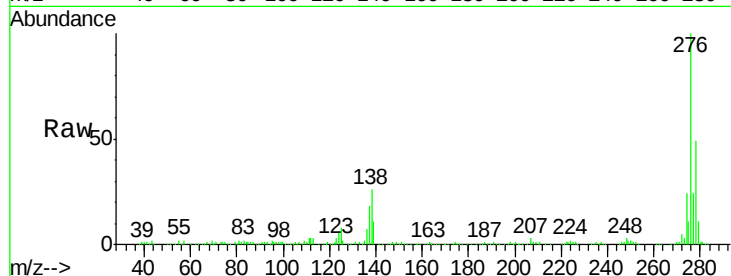




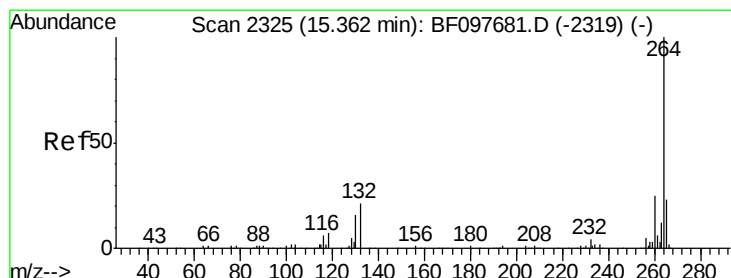
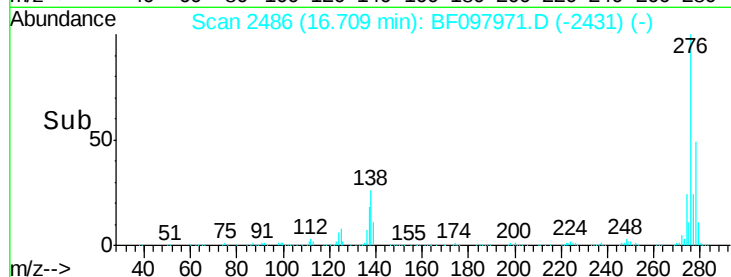
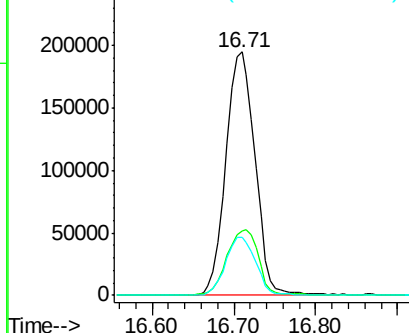
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.51 ng
 RT: 16.71 min Scan# 2486
 Delta R.T. 0.02 min
 Lab File: BF097971.D
 Acq: 22 Aug 2017 23:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMPMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.5	27.8	41.6
277	24.8	20.2	30.4

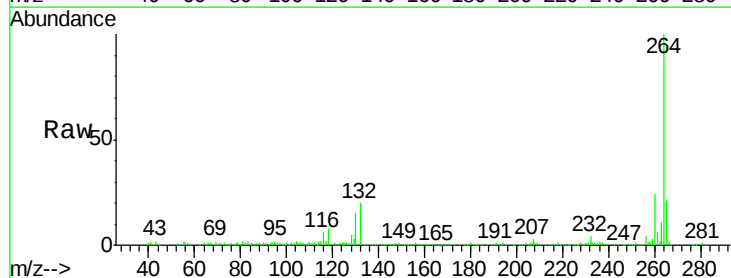


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

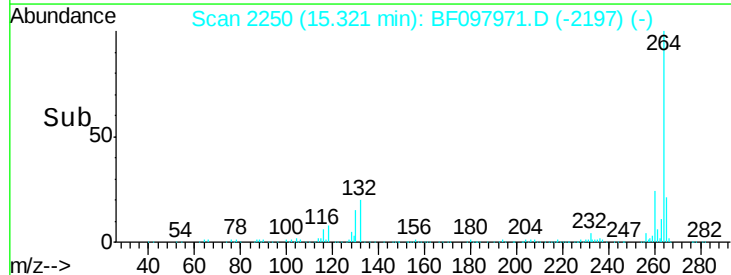
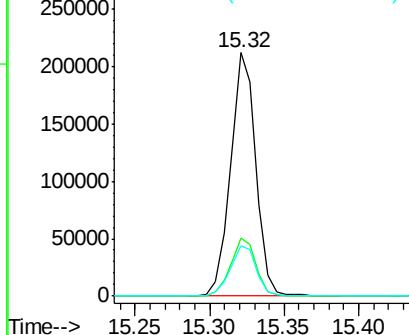


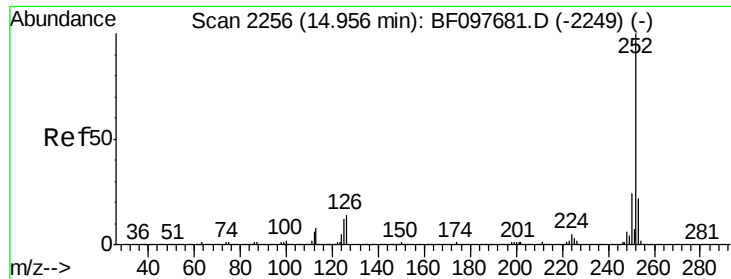
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 2250
 Delta R.T. 0.01 min
 Lab File: BF097971.D
 Acq: 22 Aug 2017 23:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	20.8	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 36.86 ng

RT: 14.92 min Scan# 2181

Delta R.T. 0.01 min

Lab File: BF097971.D

Acq: 22 Aug 2017 23:27

Instrument :

BNA_F

ClientSampleId :

SB-15-COMPMSD

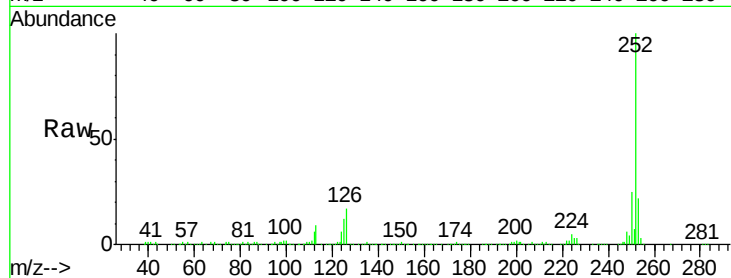
Tot Ion:252 Resp: 586113

Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

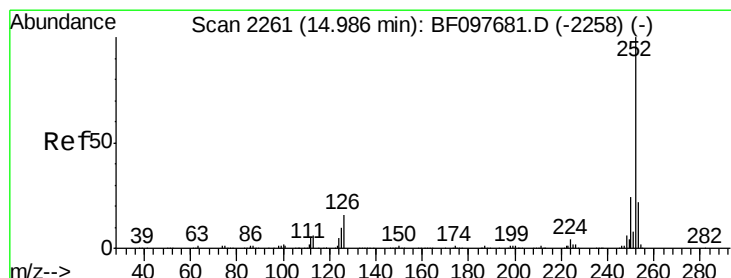
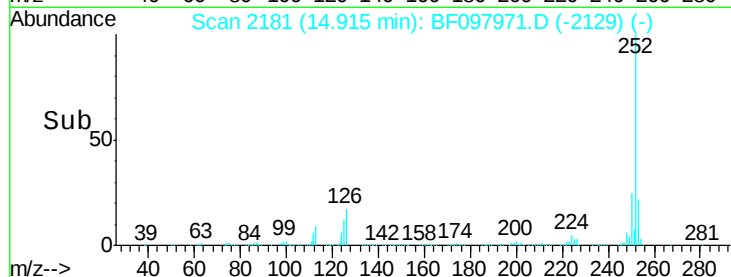
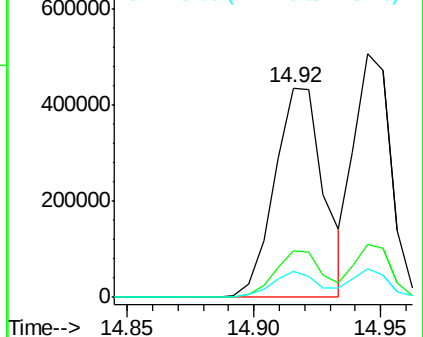
125 12.3 9.8 14.8



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: 34.15 ng

RT: 14.94 min Scan# 2186

Delta R.T. 0.01 min

Lab File: BF097971.D

Acq: 22 Aug 2017 23:27

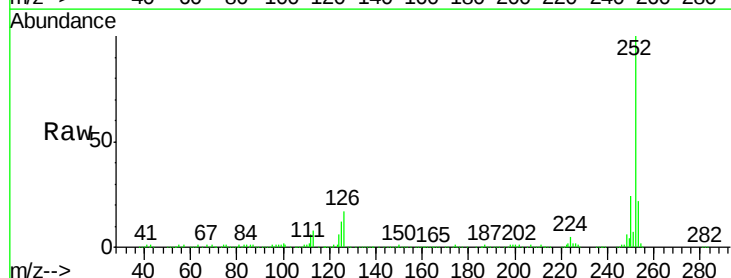
Tgt Ion:252 Resp: 510253

Ion Ratio Lower Upper

252 100

253 21.8 18.4 27.6

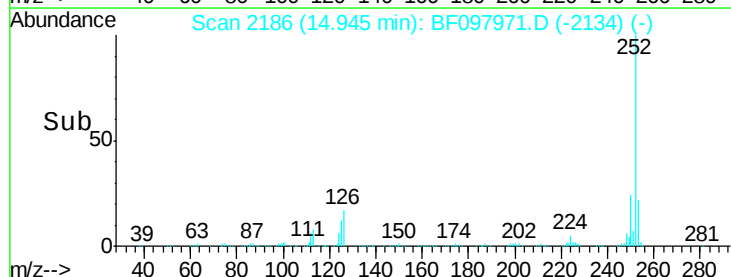
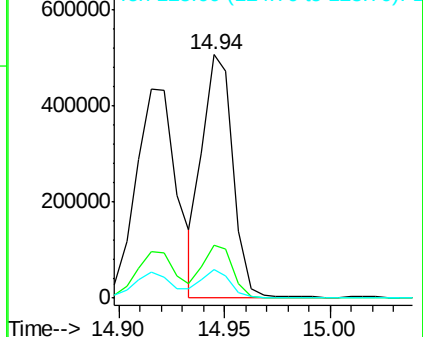
125 11.9 13.1 19.7#

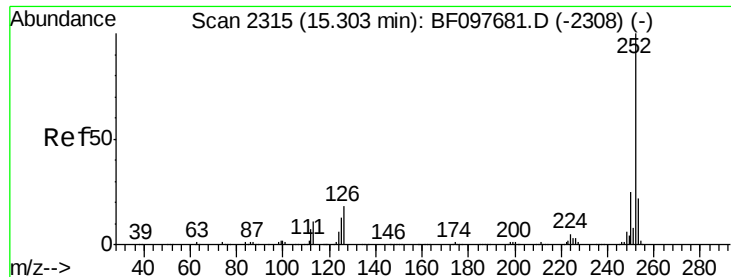


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

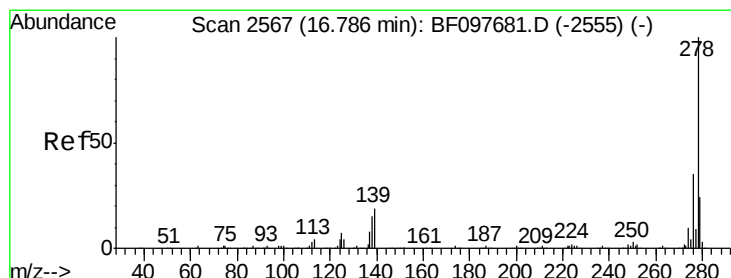
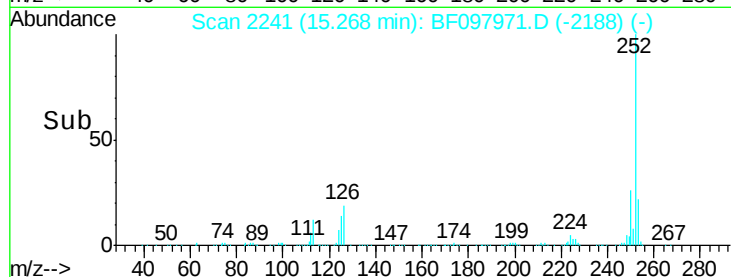
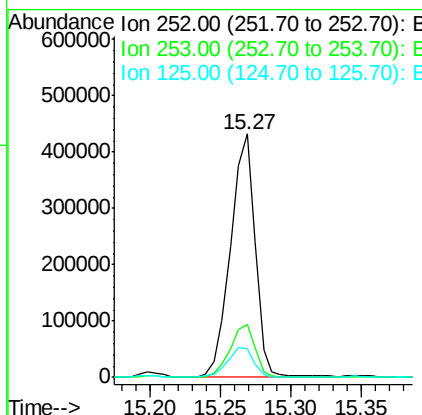
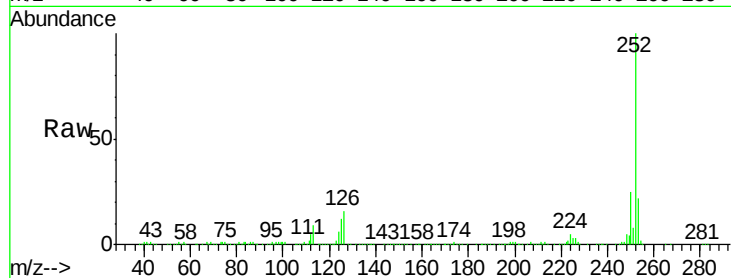




#89
Benzo(a)pyrene
Concen: 37.42 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.01 min
Lab File: BF097971.D
Acq: 22 Aug 2017 23:27

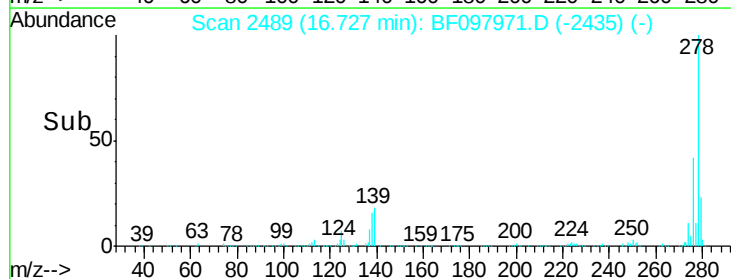
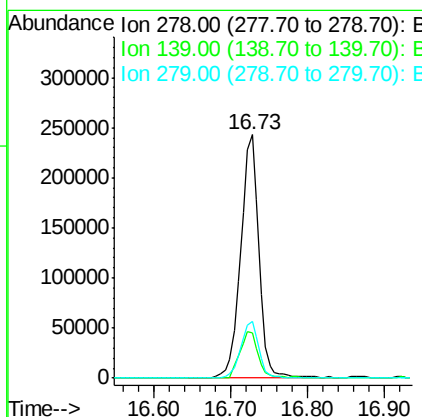
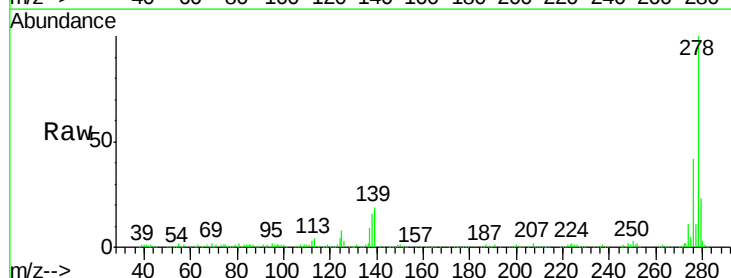
Instrument :
BNA_F
ClientSampleId :
SB-15-COMPMSD

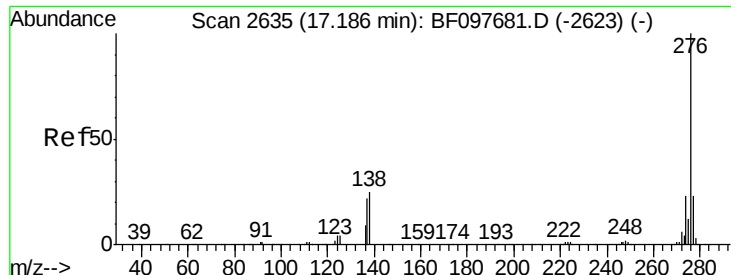
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	11.9	11.0	16.4



#90
Dibenzo(a,h)anthracene
Concen: 35.42 ng
RT: 16.73 min Scan# 2489
Delta R.T. 0.02 min
Lab File: BF097971.D
Acq: 22 Aug 2017 23:27

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.6	16.6	24.8
279	23.3	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 32.03 ng

RT: 17.12 min Scan# 2556

Delta R.T. 0.01 min

Lab File: BF097971.D

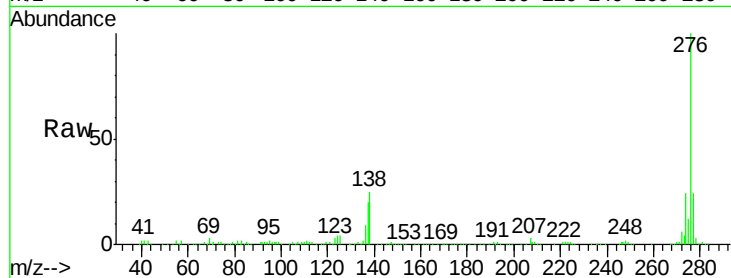
Acq: 22 Aug 2017 23:27

Instrument :

BNA_F

ClientSampleId :

SB-15-COMPMSD



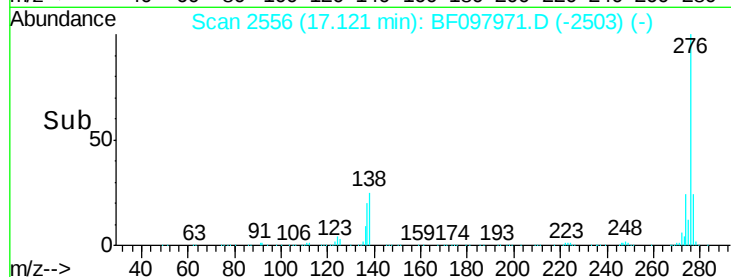
Tot Ion: 276 Resp: 383046

Ion Ratio Lower Upper

276 100

277 24.1 18.6 28.0

138 25.2 25.4 38.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

