

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021517\
 Data File : BF092979.D
 Acq On : 16 Feb 2017 6:27
 Operator : SJ/MA
 Sample : I1790-02MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 38-WCS021017-0-15MS

Quant Time: Feb 16 07:14:10 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 13 18:04:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	158335	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	637848	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	326393	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	472004	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	346136	20.00	ng	-0.02
86) Perylene-d12	15.46	264	290891	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	1305892	141.50	ng	0.01
7) Phenol-d6	6.52	99	1556887	131.11	ng	-0.01
23) Nitrobenzene-d5	7.45	82	1020894	89.13	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	295379	125.12	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	1822237	101.14	ng	0.00
78) Terphenyl-d14	12.98	244	1334913	90.62	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.66	88	205621	41.23	ng	# 72
3) Pyridine	3.36	79	350047	27.60	ng	87
4) n-Nitrosodimethylamine	3.29	42	271510	45.60	ng	86
6) Aniline	6.54	93	170211	10.51	ng	# 79
8) 2-Chlorophenol	6.67	128	489588	48.09	ng	90
9) Benzaldehyde	6.42	77	38273	4.50	ng	88
10) Phenol	6.53	94	594497	42.79	ng	# 77
11) bis(2-Chloroethyl)ether	6.61	93	500636	45.15	ng	91
12) 1,3-Dichlorobenzene	6.82	146	568463	47.67	ng	100
13) 1,4-Dichlorobenzene	6.89	146	549575	45.53	ng	99
14) 1,2-Dichlorobenzene	7.05	146	530464	45.96	ng	99
15) Benzyl Alcohol	7.02	79	415291	47.24	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	916825	47.59	ng	95
17) 2-Methylphenol	7.14	107	417520	47.80	ng	95
18) Hexachloroethane	7.39	117	186781	45.33	ng	96
19) n-Nitroso-di-n-propylamine	7.30	70	343130	45.39	ng	96
20) 3+4-Methylphenols	7.30	107	501174	47.99	ng	95
22) Acetophenone	7.29	105	685604	47.08	ng	# 96
24) Nitrobenzene	7.47	77	623120	52.98	ng	# 89
25) Isophorone	7.71	82	1043255	48.88	ng	100
26) 2-Nitrophenol	7.78	139	265115	47.42	ng	92
27) 2,4-Dimethylphenol	7.82	122	461293	46.98	ng	97
28) bis(2-Chloroethoxy)methane	7.92	93	635050	44.92	ng	99
29) 2,4-Dichlorophenol	8.03	162	452767	49.44	ng	96
30) 1,2,4-Trichlorobenzene	8.11	180	469557	47.58	ng	98
31) Naphthalene	8.19	128	1477616	45.70	ng	99
32) Benzoic acid	7.96	122	291078	51.68	ng	98
33) 4-Chloroaniline	8.24	127	78390	6.18	ng	96
34) Hexachlorobutadiene	8.30	225	245793	45.27	ng	98
35) Caprolactam	8.61	113	82836	28.76	ng	# 33
36) 4-Chloro-3-methylphenol	8.73	107	441749	46.27	ng	98
37) 2-Methylnaphthalene	8.88	142	962376	46.36	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	414921	45.29	ng	99
40) Hexachlorocyclopentadiene	9.02	237	225928	54.66	ng	96

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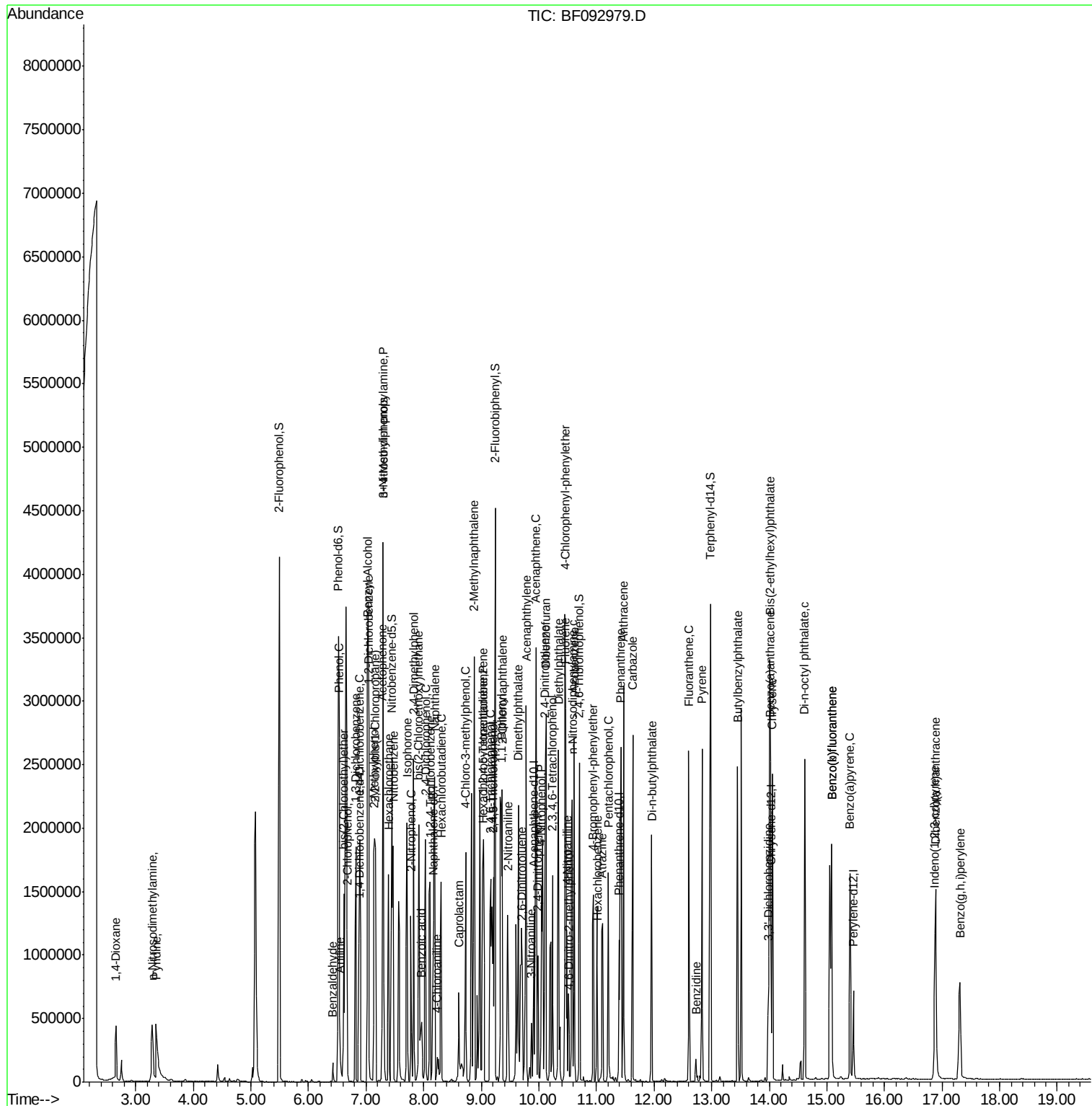
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	301365	50.06	ng	96
43) 2,4,5-Trichlorophenol	9.21	196	320796	48.63	ng #	86
45) 1,1'-Biphenyl	9.34	154	1119773	47.38	ng	98
46) 2-Chloronaphthalene	9.37	162	940750	50.88	ng	96
47) 2-Nitroaniline	9.46	65	267587	43.05	ng	96
48) Acenaphthylene	9.78	152	1385920	43.39	ng	99
49) Dimethylphthalate	9.64	163	1032889	46.98	ng	99
50) 2,6-Dinitrotoluene	9.71	165	248755	52.39	ng #	75
51) Acenaphthene	9.95	154	862243	45.15	ng	95
52) 3-Nitroaniline	9.87	138	70390	12.95	ng	89
53) 2,4-Dinitrophenol	9.98	184	177753	73.97	ng #	90
54) Dibenzofuran	10.12	168	1233323	48.29	ng	94
55) 4-Nitrophenol	10.04	139	319534	81.65	ng	94
56) 2,4-Dinitrotoluene	10.11	165	312080	49.37	ng	91
57) Fluorene	10.46	166	933194	47.49	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	221707	50.38	ng	96
59) Diethylphthalate	10.34	149	1017316	49.10	ng	98
60) 4-Chlorophenyl-phenylether	10.45	204	420437	44.54	ng #	85
61) 4-Nitroaniline	10.49	138	215465	38.72	ng	89
62) Azobenzene	10.61	77	1113937	52.04	ng	95
64) 4,6-Dinitro-2-methylphenol	10.52	198	119723	42.02	ng	86
65) n-Nitrosodiphenylamine	10.58	169	843118	55.92	ng	100
66) 4-Bromophenyl-phenylether	10.94	248	265043	53.75	ng #	83
67) Hexachlorobenzene	11.01	284	244298	50.13	ng #	84
68) Atrazine	11.10	200	226870	46.89	ng	93
69) Pentachlorophenol	11.21	266	273593	106.17	ng	98
70) Phenanthrene	11.42	178	1344516	49.72	ng	98
71) Anthracene	11.47	178	1188916	43.78	ng	99
72) Carbazole	11.63	167	1225535	47.21	ng	98
73) Di-n-butylphthalate	11.96	149	1514855	53.96	ng #	95
74) Fluoranthene	12.60	202	1089932	39.07	ng	98
76) Benzidine	12.73	184	78429	5.32	ng	97
77) Pyrene	12.83	202	1082199	41.78	ng	99
79) Butylbenzylphthalate	13.45	149	540369	51.37	ng	95
80) Benzo(a)anthracene	14.02	228	924882	43.69	ng	99
81) 3,3'-Dichlorobenzidine	13.99	252	206987	27.43	ng #	96
82) Chrysene	14.05	228	745712	37.62	ng	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	751812	52.26	ng #	97
84) Di-n-octyl phthalate	14.61	149	1224739	52.28	ng	100
85) Indeno(1,2,3-cd)pyrene	16.88	276	785303	51.15	ng #	94
87) Benzo(b)fluoranthene	15.08	252	1695193	88.54	ng	98
88) Benzo(k)fluoranthene	15.08	252	1695766	102.58	ng	98
89) Benzo(a)pyrene	15.40	252	802400	48.45	ng	97
90) Dibenzo(a,h)anthracene	16.89	278	665153	49.69	ng #	94
91) Benzo(g,h,i)perylene	17.31	276	640039	47.33	ng #	92

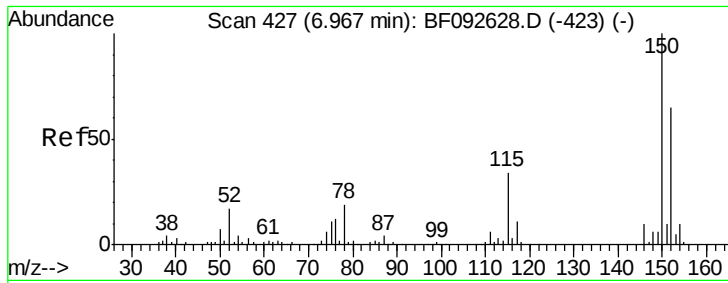
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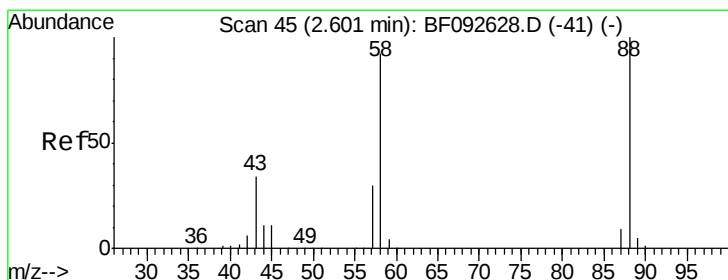
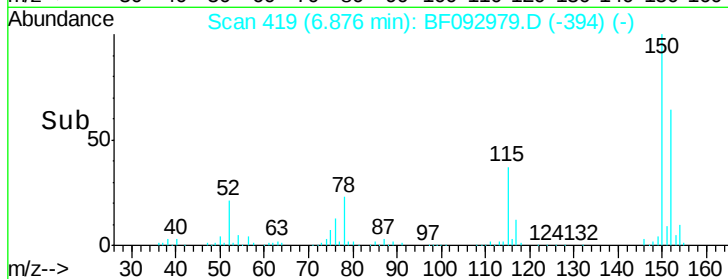
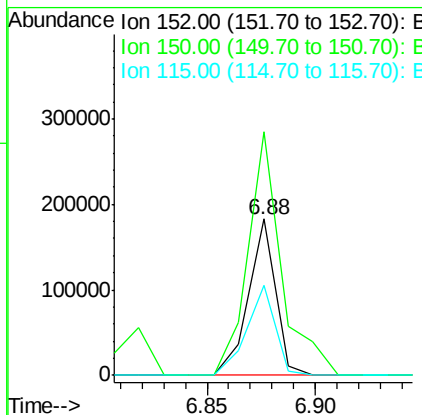
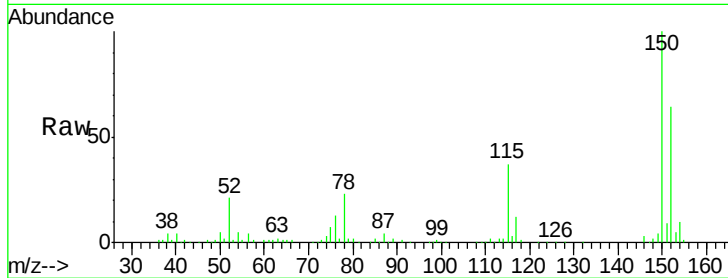




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.88 min Scan# 419
 Delta R.T. -0.01 min
 Lab File: BF092979.D
 Acq: 16 Feb 2017 6:27

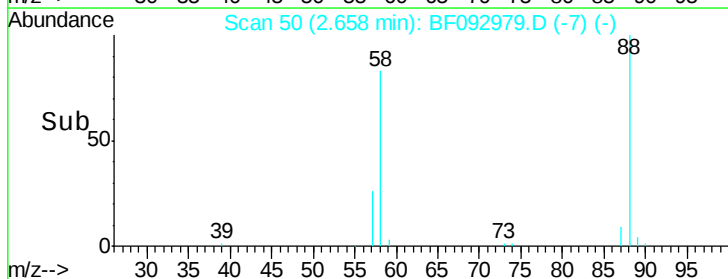
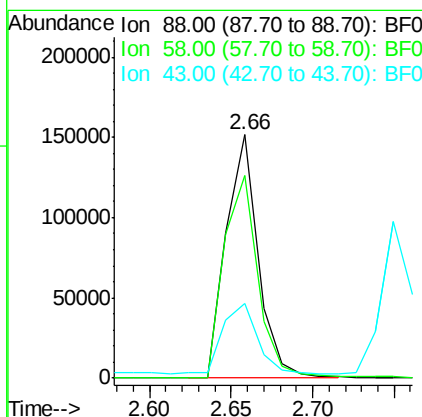
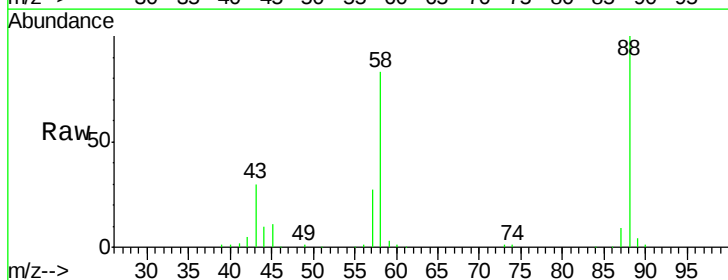
Instrument :
 BNA_F
 ClientSampleId :
 38-WCS021017-0-15MS

Tgt Ion:152 Resp: 158335
 Ion Ratio Lower Upper
 152 100
 150 156.0 124.9 187.3
 115 57.7 46.0 69.0



#2
 1,4-Dioxane
 Concen: 41.23 ng
 RT: 2.66 min Scan# 50
 Delta R.T. 0.19 min
 Lab File: BF092979.D
 Acq: 16 Feb 2017 6:27

Tgt Ion: 88 Resp: 205621
 Ion Ratio Lower Upper
 88 100
 58 87.7 57.8 86.8#
 43 0.0 22.3 33.5#





#3

Pyridine

Concen: 27.60 ng

RT: 3.36 min Scan# 111

Delta R.T. 0.16 min

Lab File: BF092979.D

Acq: 16 Feb 2017 6:27

Instrument :

BNA_F

ClientSampleId :

38-WCS021017-0-15MS

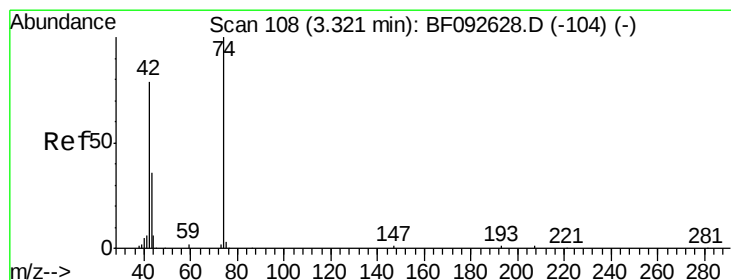
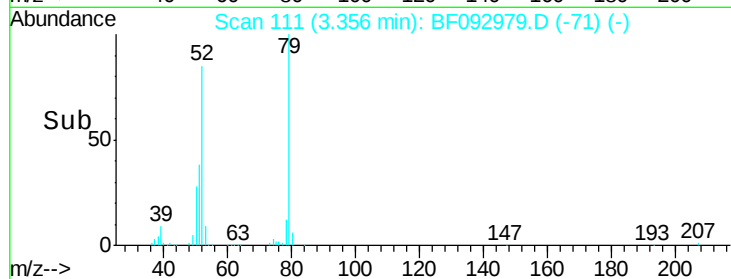
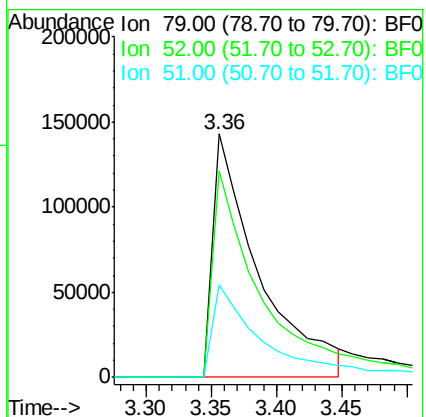
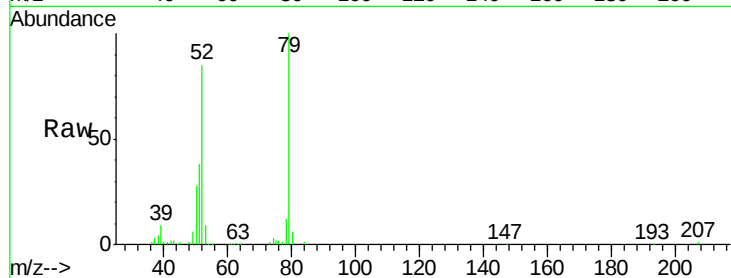
Tgt Ion: 79 Resp: 350047

Ion Ratio Lower Upper

79 100

52 84.8 57.1 85.7

51 38.2 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 45.60 ng

RT: 3.29 min Scan# 105

Delta R.T. 0.13 min

Lab File: BF092979.D

Acq: 16 Feb 2017 6:27

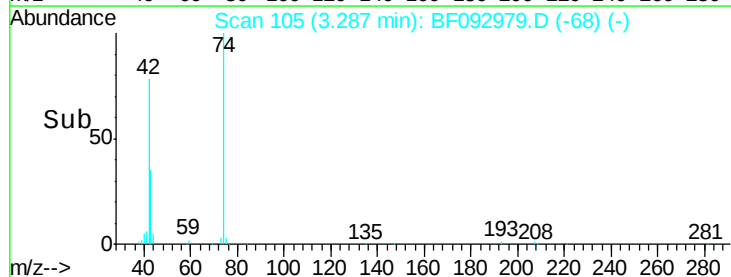
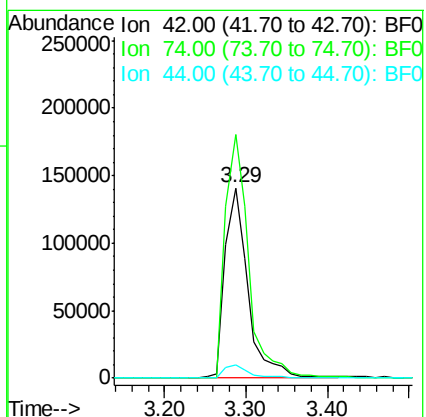
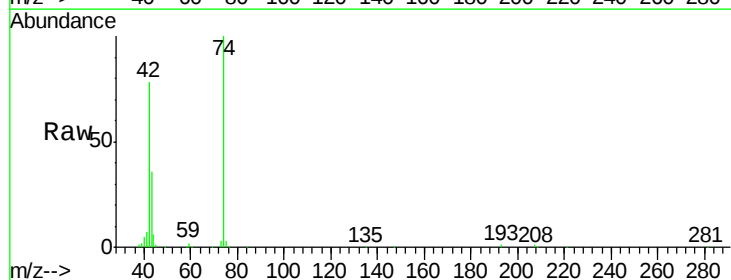
Tgt Ion: 42 Resp: 271510

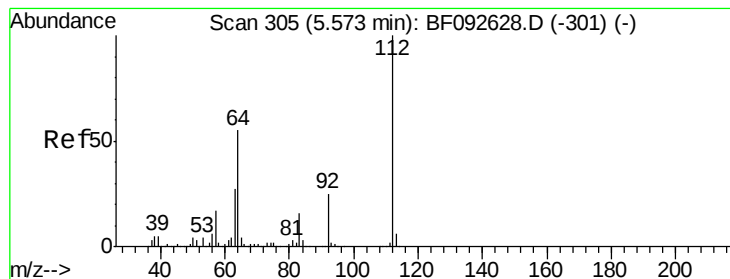
Ion Ratio Lower Upper

42 100

74 127.8 117.0 175.4

44 7.3 5.5 8.3





#5

2-Fluorophenol

Concen: 141.50 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.01 min

Lab File: BF092979.D

Acq: 16 Feb 2017 6:27

Instrument :

BNA_F

ClientSampleId :

38-WCS021017-0-15MS

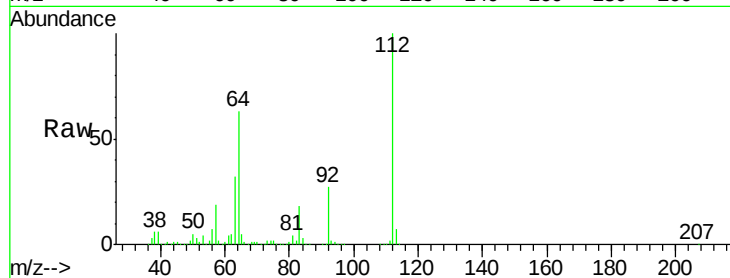
Tgt Ion:112 Resp: 1305892

Ion Ratio Lower Upper

112 100

64 63.0 46.1 69.1

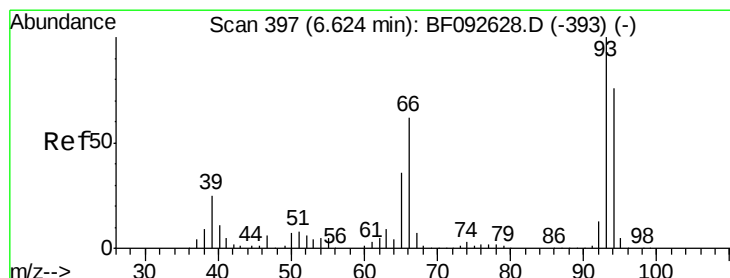
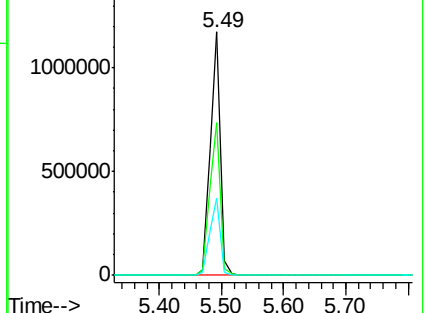
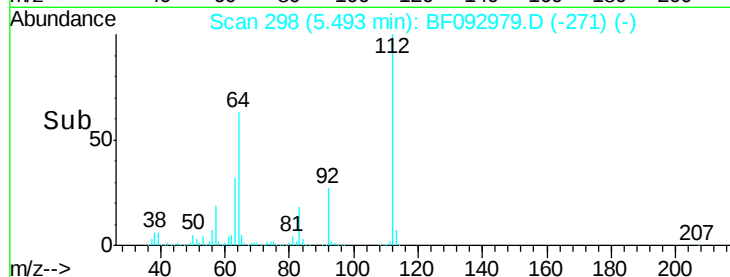
63 31.6 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 10.51 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF092979.D

Acq: 16 Feb 2017 6:27

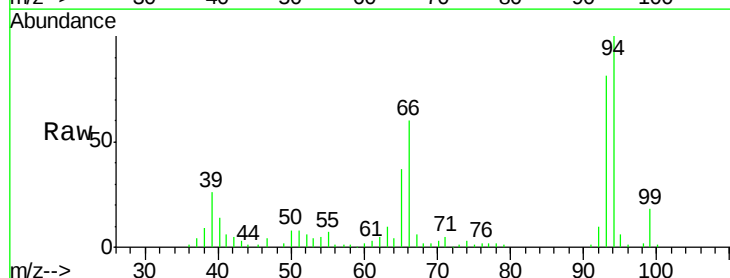
Tgt Ion: 93 Resp: 170211

Ion Ratio Lower Upper

93 100

66 74.1 76.2 114.2#

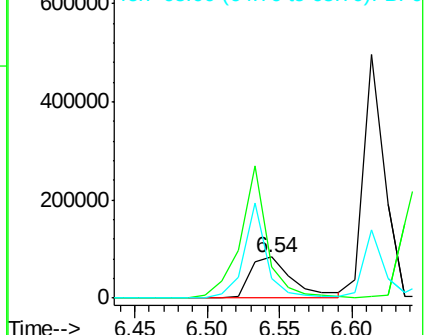
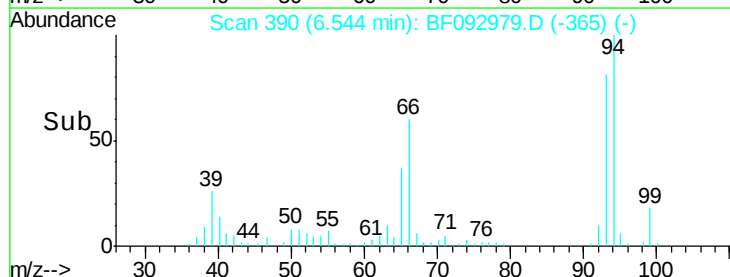
65 46.2 49.3 73.9#

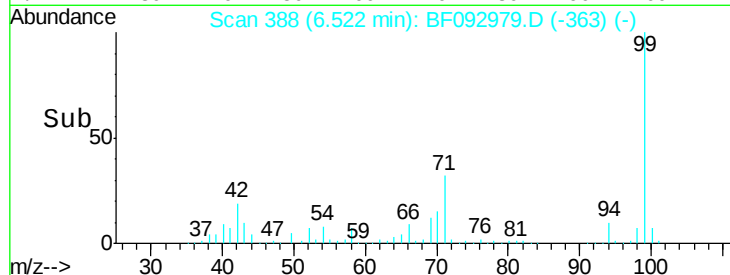
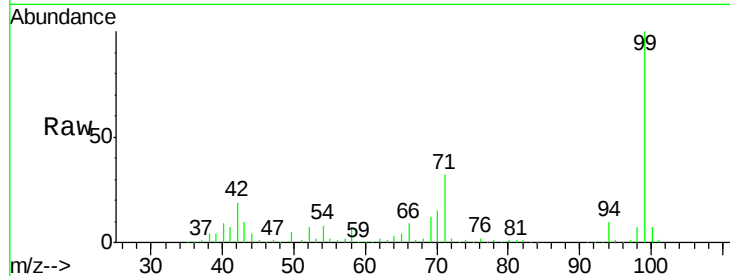


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 131.11 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF092979.D

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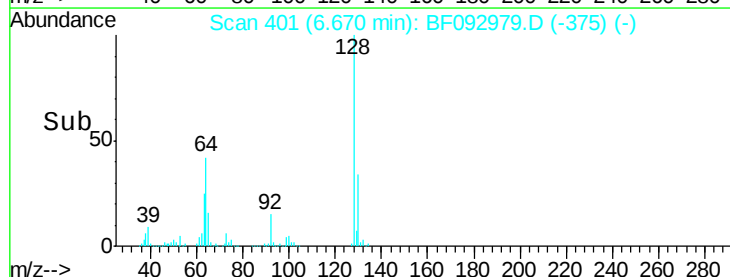
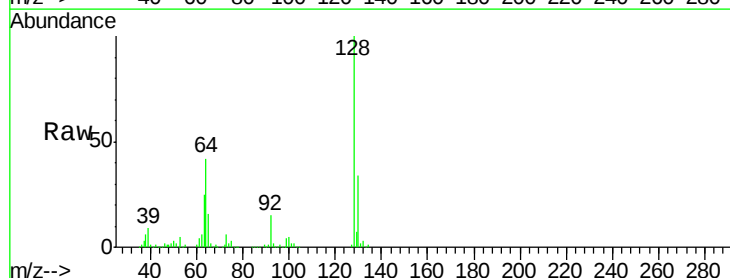
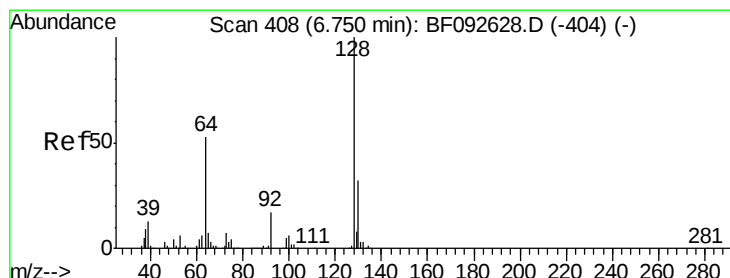
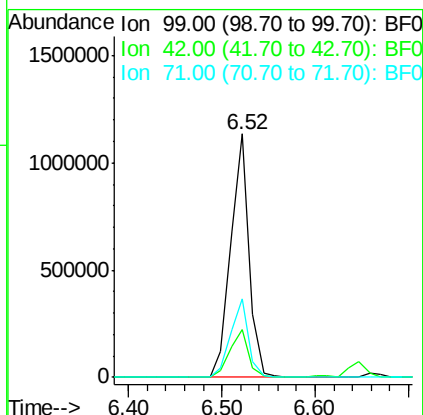
Tgt Ion: 99 Resp: 1556887

Ion Ratio Lower Upper

99 100

42 19.5 15.6 23.4

71 32.3 27.5 41.3



#8

2-Chlorophenol

Concen: 48.09 ng

RT: 6.67 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF092979.D

Acq: 16 Feb 2017 6:27

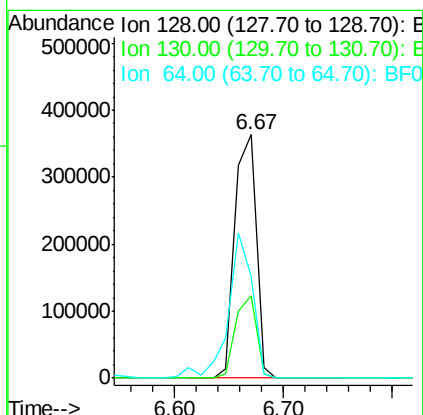
Tgt Ion: 128 Resp: 489588

Ion Ratio Lower Upper

128 100

130 33.6 12.3 52.3

64 41.7 32.2 72.2





#9

Benzaldehyde

Concen: 4.50 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

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Acq: 16 Feb 2017 6:27

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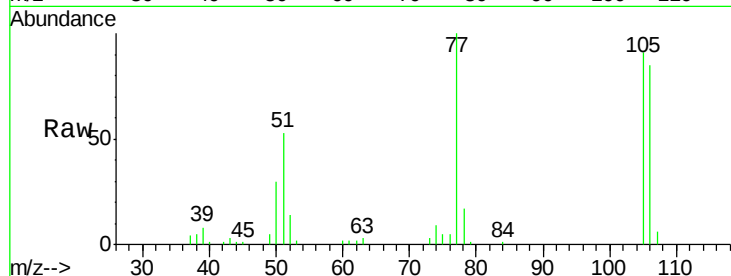
Tgt Ion: 77 Resp: 38273

Ion Ratio Lower Upper

77 100

105 91.2 83.9 123.9

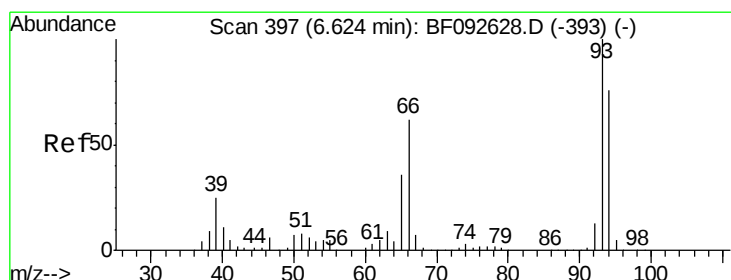
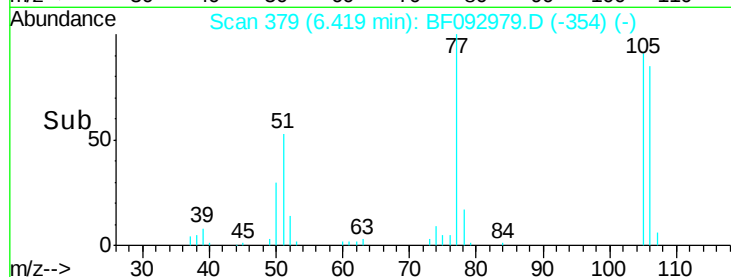
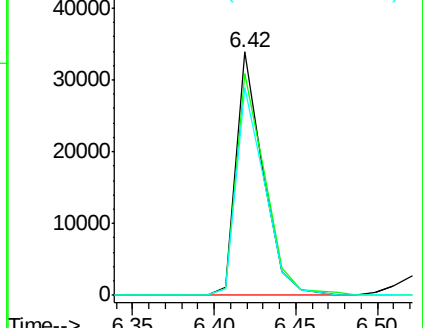
106 85.3 77.6 117.6



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: 42.79 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF092979.D

Acq: 16 Feb 2017 6:27

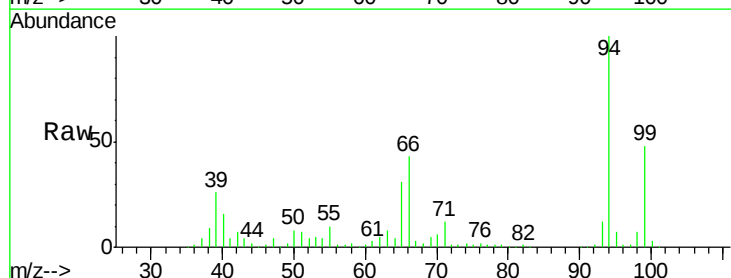
Tgt Ion: 94 Resp: 594497

Ion Ratio Lower Upper

94 100

65 31.1 21.4 61.4

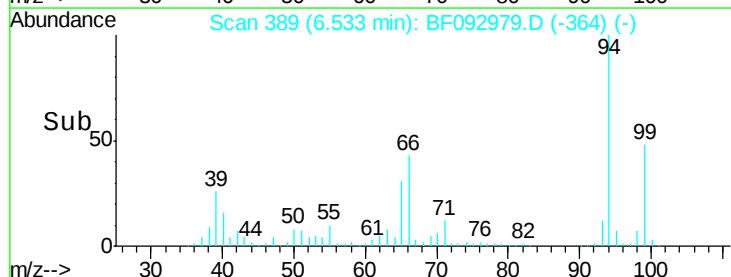
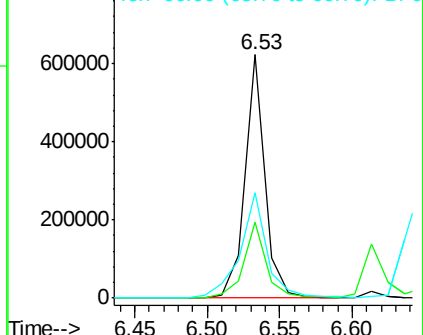
66 43.2 44.0 84.0#



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

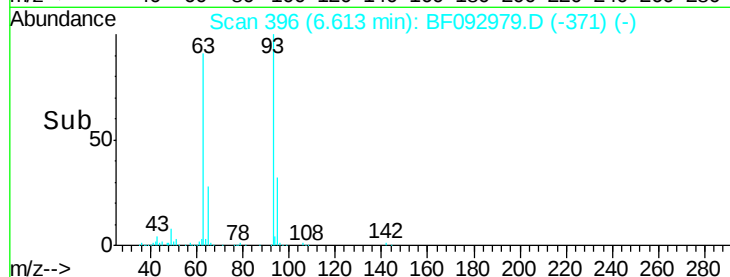
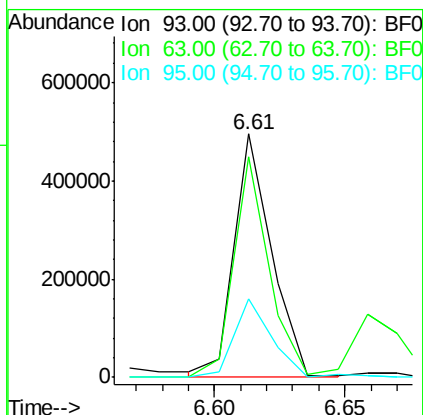
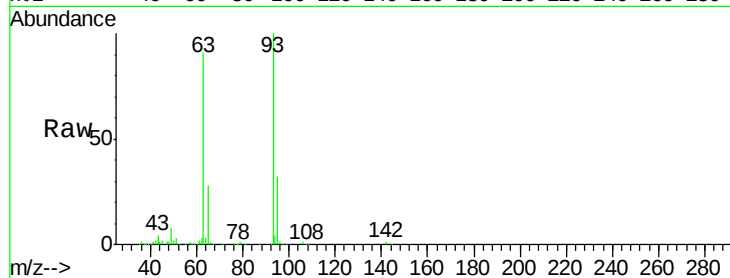




#11
bis(2-Chloroethyl)ether
Concen: 45.15 ng
RT: 6.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF092979.D
Acq: 16 Feb 2017 6:27

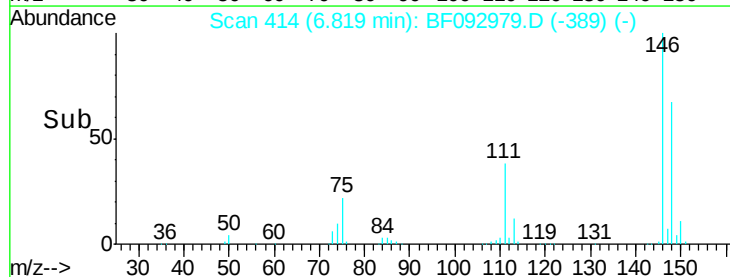
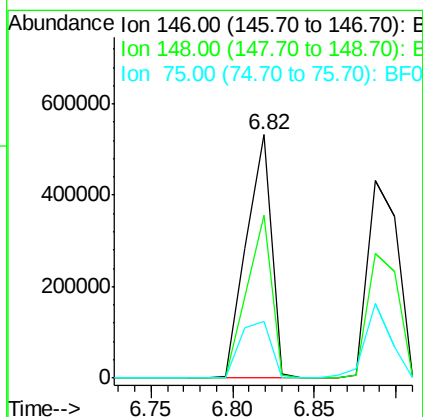
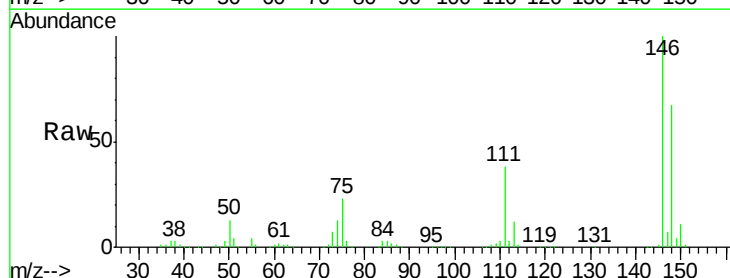
Instrument :
BNA_F
ClientSampleId :
38-WCS021017-0-15MS

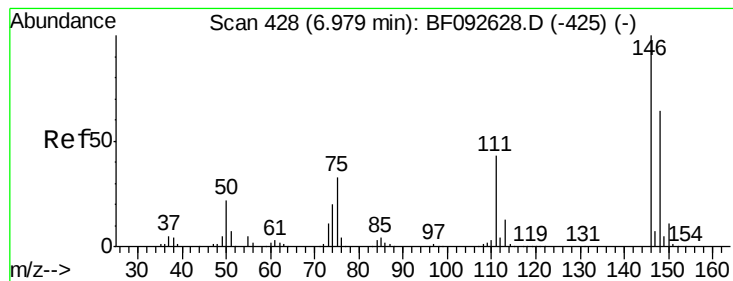
Tgt Ion: 93 Resp: 500636
Ion Ratio Lower Upper
93 100
63 90.8 60.4 100.4
95 32.1 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 47.67 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF092979.D
Acq: 16 Feb 2017 6:27

Tgt Ion: 146 Resp: 568463
Ion Ratio Lower Upper
146 100
148 66.9 53.4 80.0
75 23.3 18.5 27.7





#13

1,4-Dichlorobenzene

Concen: 45.53 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF092979.D

Acq: 16 Feb 2017 6:27

Instrument :

BNA_F

ClientSampleId :

38-WCS021017-0-15MS

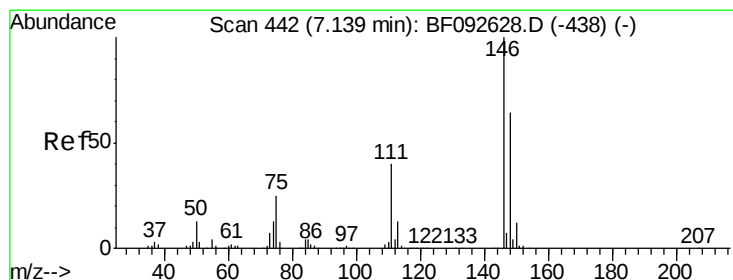
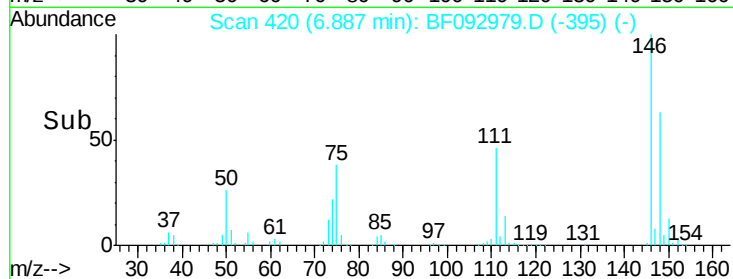
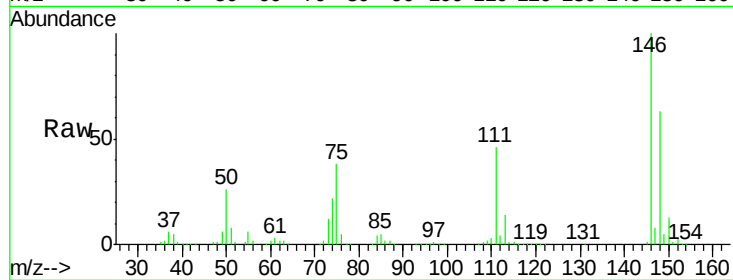
Tgt Ion:146 Resp: 549575

Ion Ratio Lower Upper

146 100

148 62.8 50.6 76.0

111 45.6 36.2 54.4



#14

1,2-Dichlorobenzene

Concen: 45.96 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF092979.D

Acq: 16 Feb 2017 6:27

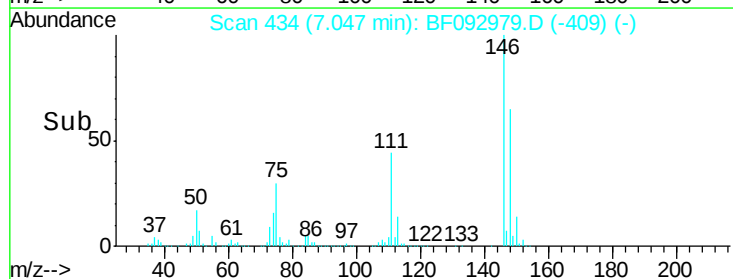
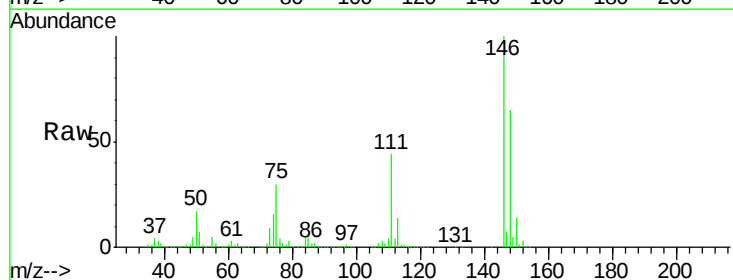
Tgt Ion:146 Resp: 530464

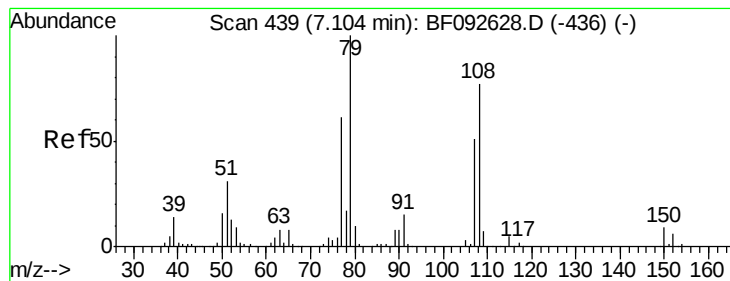
Ion Ratio Lower Upper

146 100

148 65.0 52.2 78.2

111 43.6 36.2 54.2





#15

Benzyl Alcohol

Concen: 47.24 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF092979.D

Acq: 16 Feb 2017 6:27

Instrument :

BNA_F

ClientSampleId :

38-WCS021017-0-15MS

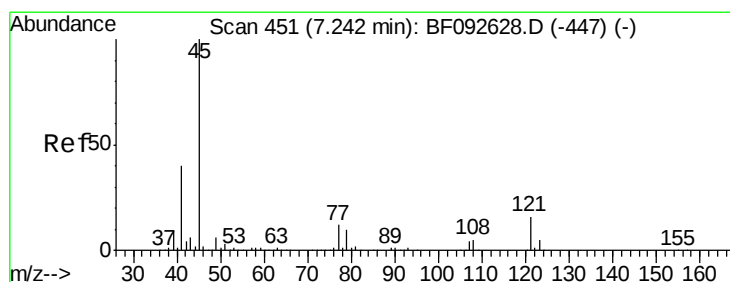
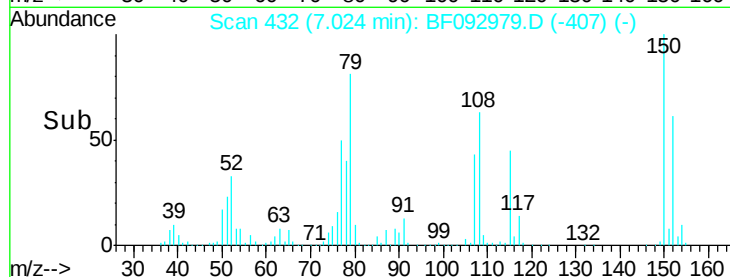
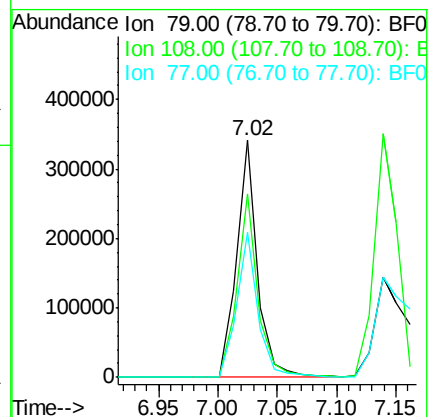
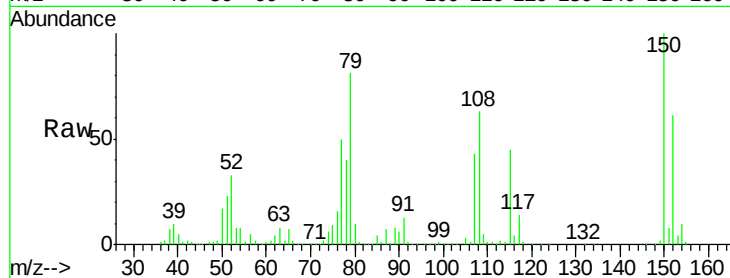
Tgt Ion: 79 Resp: 415291

Ion Ratio Lower Upper

79 100

108 77.3 61.4 92.0

77 61.3 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.59 ng

RT: 7.16 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF092979.D

Acq: 16 Feb 2017 6:27

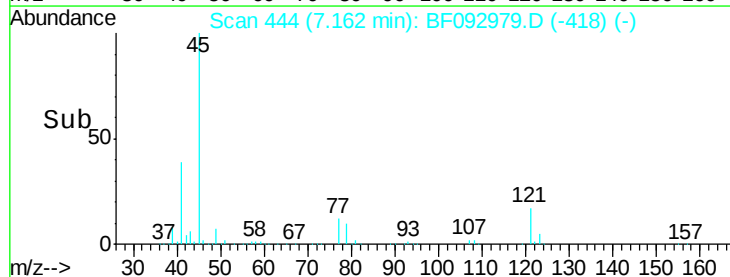
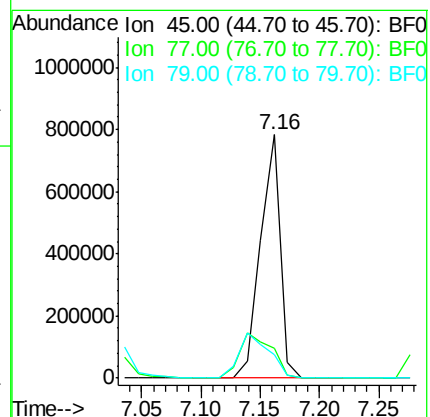
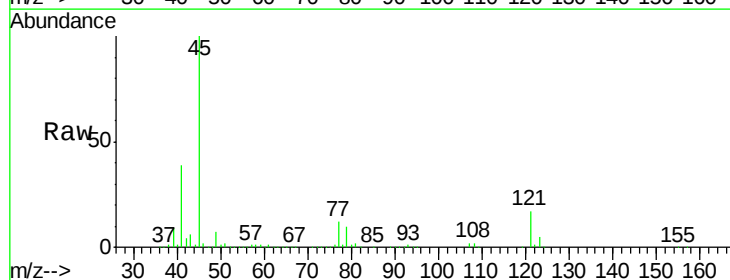
Tgt Ion: 45 Resp: 916825

Ion Ratio Lower Upper

45 100

77 12.4 0.0 34.6

79 9.8 0.0 31.2

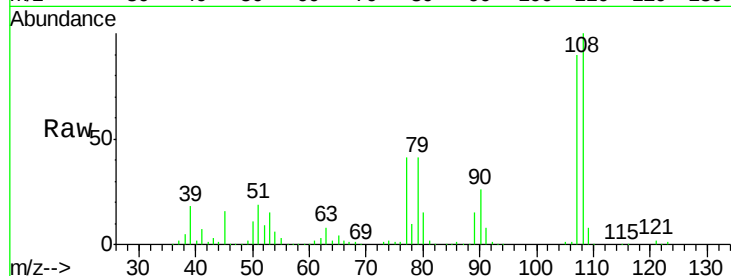




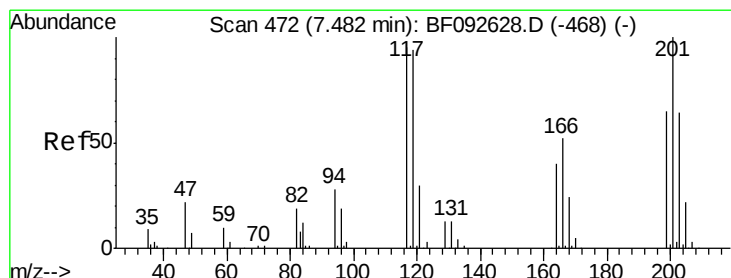
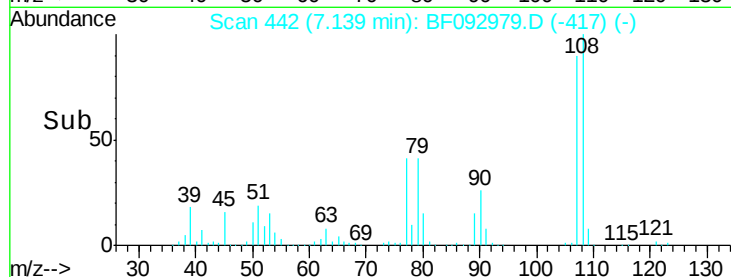
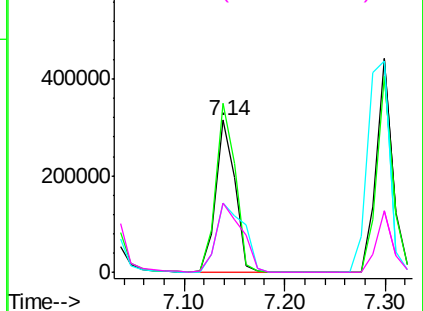
#17
 2-Methylphenol
 Concen: 47.80 ng
 RT: 7.14 min Scan# 442
 Delta R.T. -0.01 min
 Lab File: BF092979.D
 Acq: 16 Feb 2017 6:27

Instrument :
 BNA_F
 ClientSampleId :
 38-WCS021017-0-15MS

Tgt Ion:	107	Resp:	417520
Ion	Ratio	Lower	Upper
107	100		
108	111.1	93.0	139.6
77	45.6	39.8	59.8
79	45.8	38.0	57.0

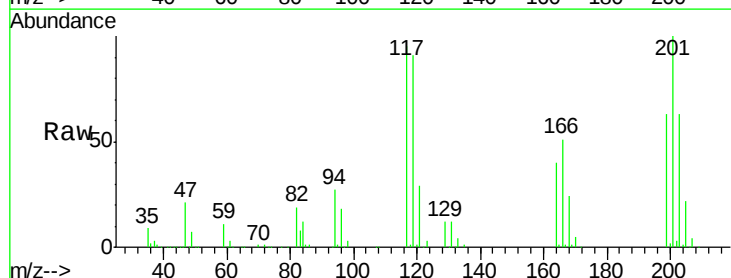


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BF0
 Ion 79.00 (78.70 to 79.70): BF0

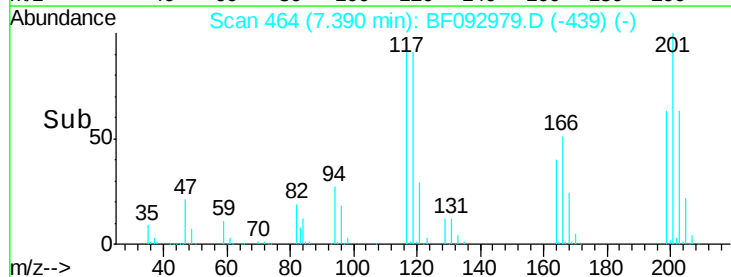
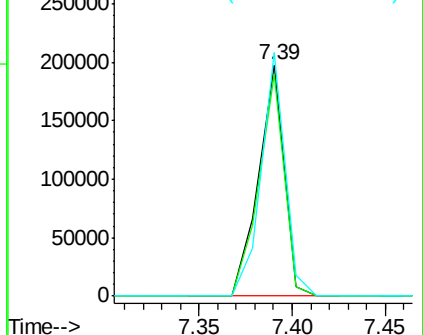


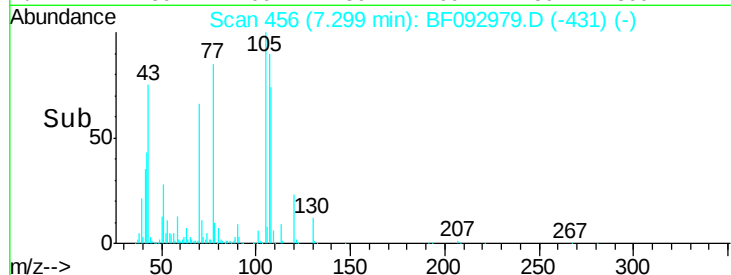
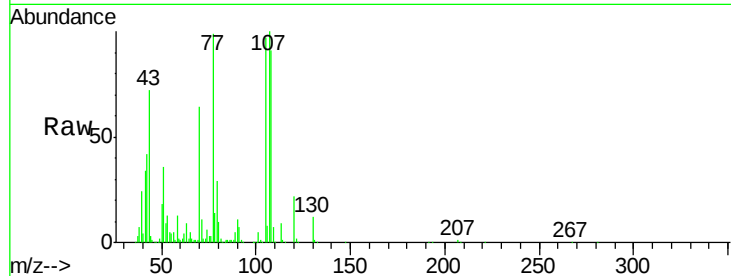
#18
 Hexachloroethane
 Concen: 45.33 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.01 min
 Lab File: BF092979.D
 Acq: 16 Feb 2017 6:27

Tgt Ion:	117	Resp:	186781
Ion	Ratio	Lower	Upper
117	100		
119	95.8	78.1	117.1
201	105.2	78.6	117.8



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

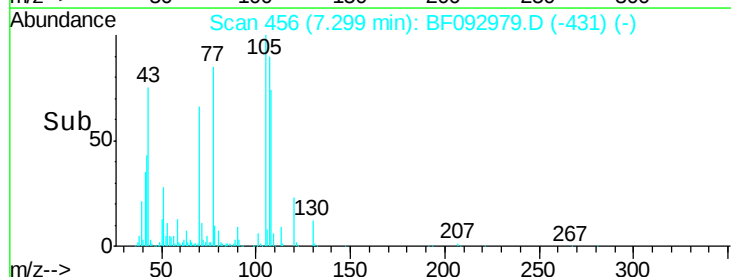
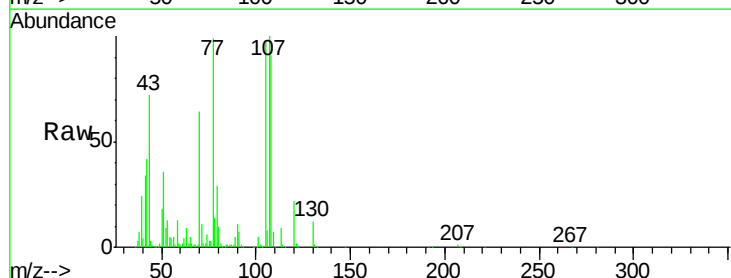
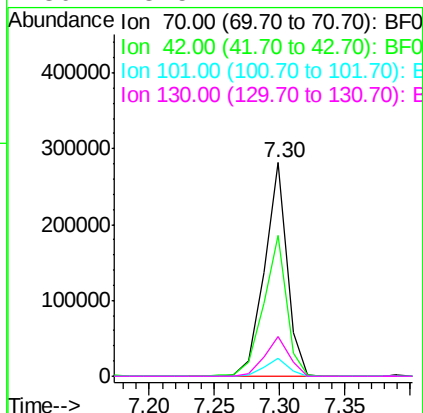




#19
n-Nitroso-di-n-propylamine
Concen: 45.39 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF092979.D
Acq: 16 Feb 2017 6:27

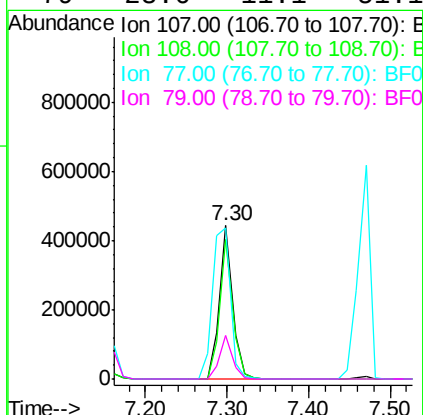
Instrument :
BNA_F
ClientSampleId :
38-WCS021017-0-15MS

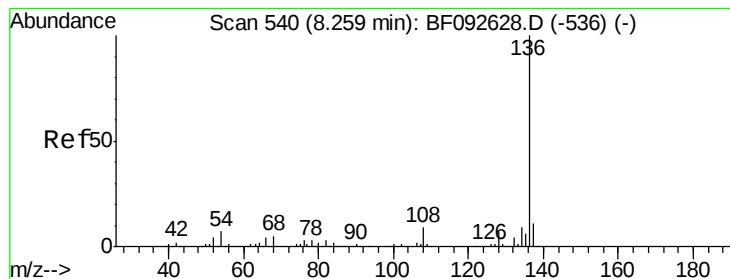
Tgt Ion:	70	Resp:	343130
Ion	Ratio	Lower	Upper
70	100		
42	65.8	49.4	74.0
101	8.4	7.4	11.2
130	18.5	14.2	21.4



#20
3+4-Methylphenols
Concen: 47.99 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF092979.D
Acq: 16 Feb 2017 6:27

Tgt Ion:	107	Resp:	501174
Ion	Ratio	Lower	Upper
107	100		
108	91.4	73.0	113.0
77	99.1	71.3	111.3
79	28.6	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF092979.D

Acq: 16 Feb 2017 6:27

Instrument :

BNA_F

ClientSampleId :

38-WCS021017-0-15MS

Tgt Ion:136 Resp: 637848

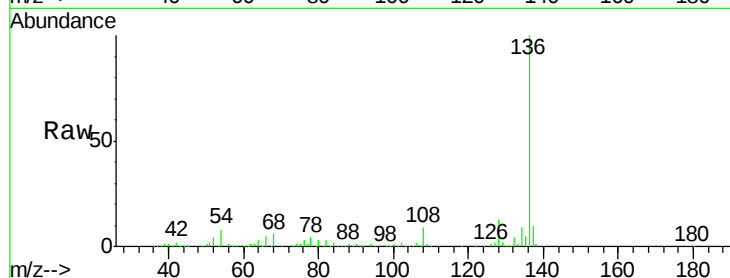
Ion Ratio Lower Upper

136 100

137 10.4 8.4 12.6

54 7.7 4.5 6.7#

68 5.7 3.6 5.4#

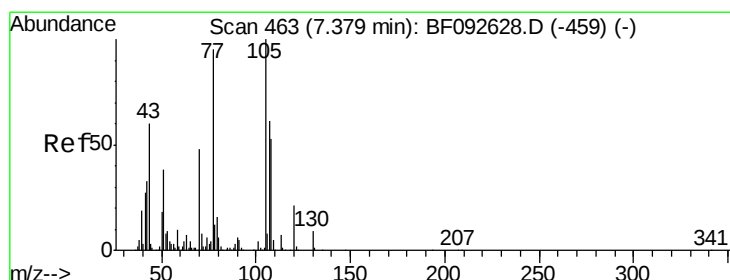
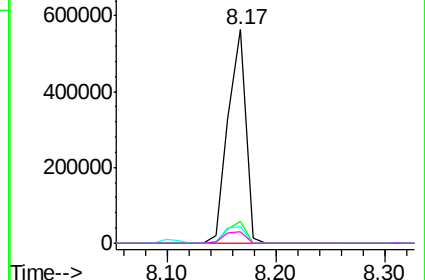
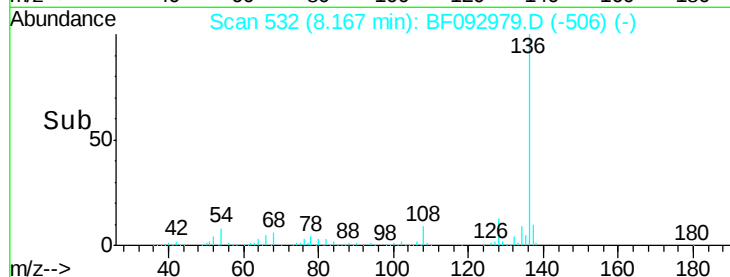


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 47.08 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF092979.D

Acq: 16 Feb 2017 6:27

Tgt Ion:105 Resp: 685604

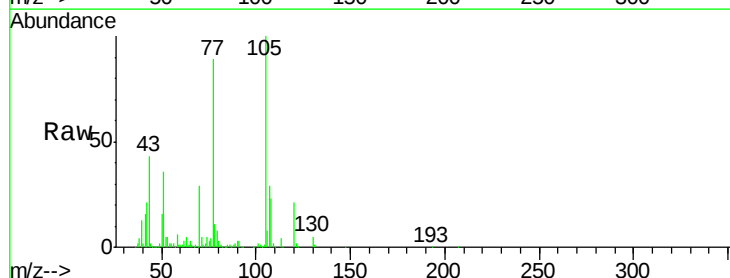
Ion Ratio Lower Upper

105 100

71 5.1 3.2 4.8#

51 36.4 26.2 39.4

120 21.2 16.6 24.8

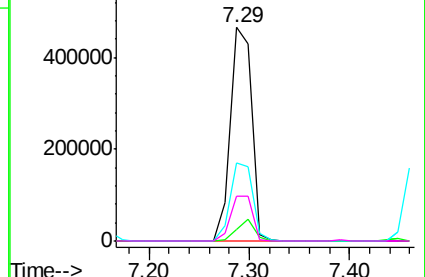
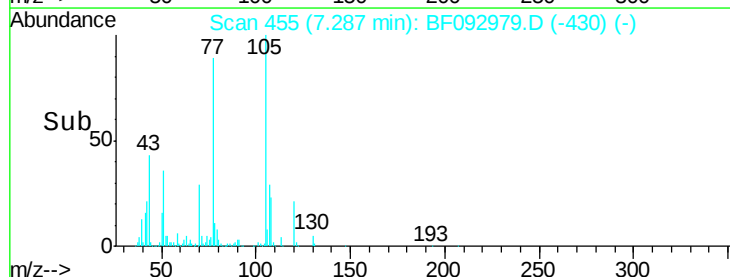


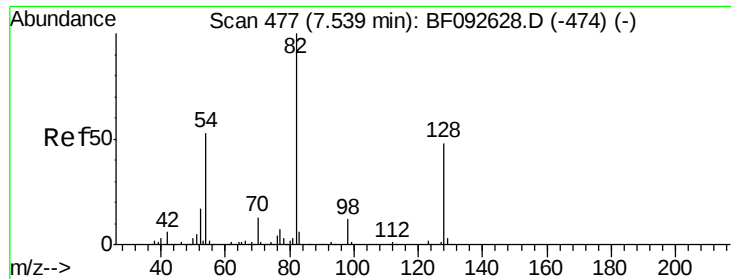
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

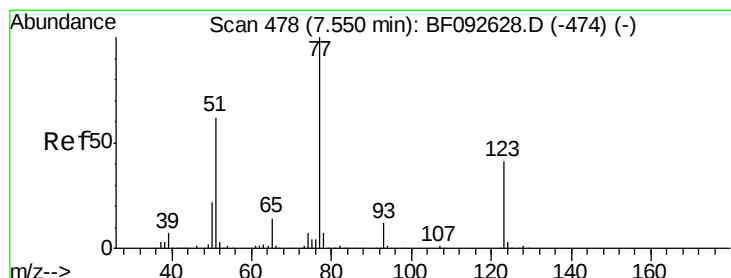
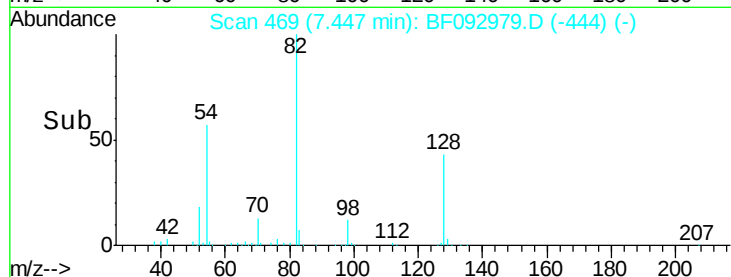
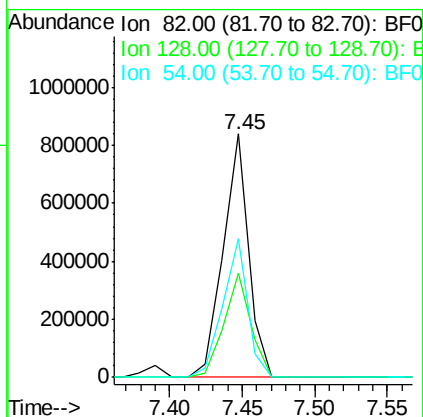
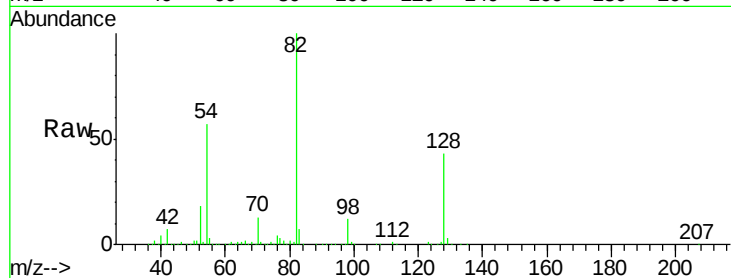




#23
 Nitrobenzene-d5
 Concen: 89.13 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.01 min
 Lab File: BF092979.D
 Acq: 16 Feb 2017 6:27

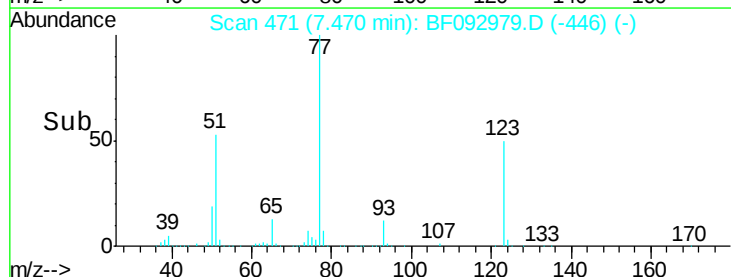
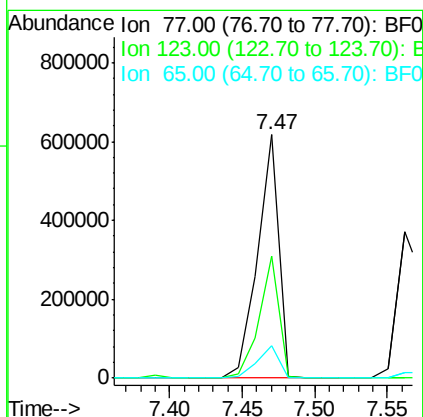
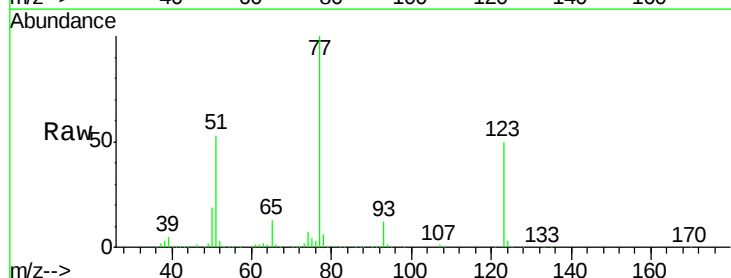
Instrument :
 BNA_F
 ClientSampleId :
 38-WCS021017-0-15MS

Tgt Ion: 82 Resp: 1020894
 Ion Ratio Lower Upper
 82 100
 128 42.8 34.6 52.0
 54 57.1 39.5 59.3



#24
 Nitrobenzene
 Concen: 52.98 ng
 RT: 7.47 min Scan# 471
 Delta R.T. -0.01 min
 Lab File: BF092979.D
 Acq: 16 Feb 2017 6:27

Tgt Ion: 77 Resp: 623120
 Ion Ratio Lower Upper
 77 100
 123 50.2 33.0 49.4#
 65 13.3 11.2 16.8





#25

Isophorone

Concen: 48.88 ng

RT: 7.71 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF092979.D

Acq: 16 Feb 2017 6:27

Instrument :

BNA_F

ClientSampleId :

38-WCS021017-0-15MS

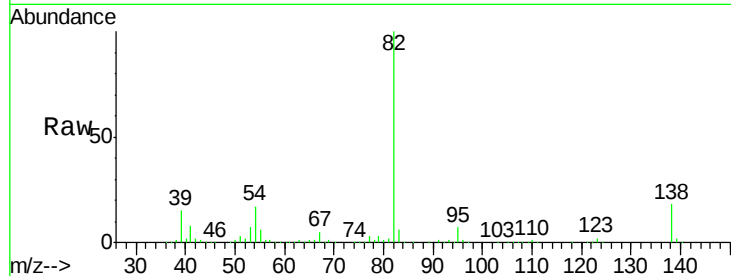
Tgt Ion: 82 Resp: 1043255

Ion Ratio Lower Upper

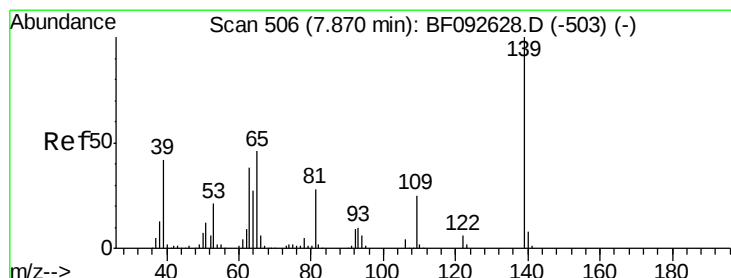
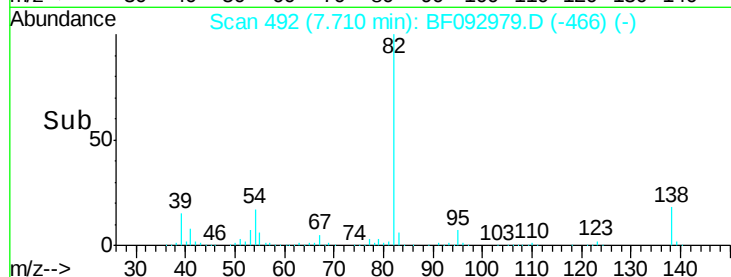
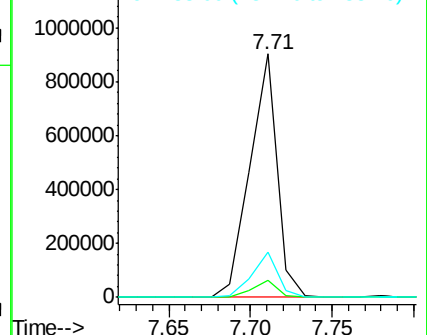
82 100

95 6.8 5.6 8.4

138 18.5 14.6 22.0



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



#26

2-Nitrophenol

Concen: 47.42 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF092979.D

Acq: 16 Feb 2017 6:27

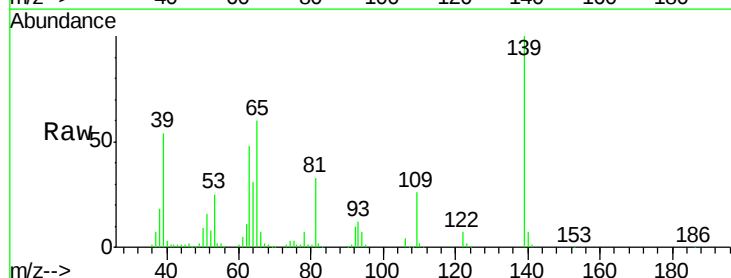
Tgt Ion: 139 Resp: 265115

Ion Ratio Lower Upper

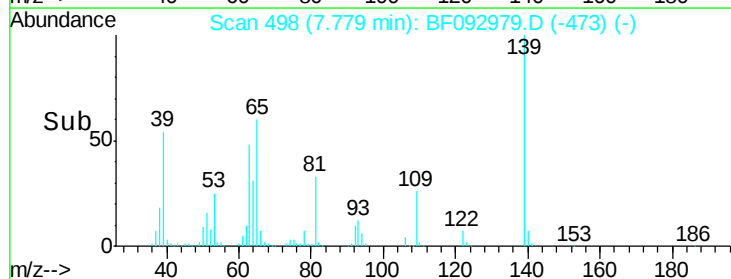
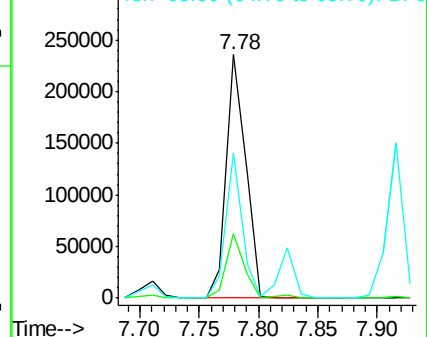
139 100

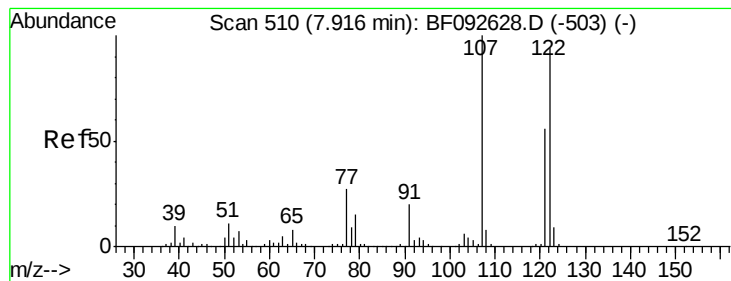
109 26.3 23.3 34.9

65 59.7 42.7 64.1



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

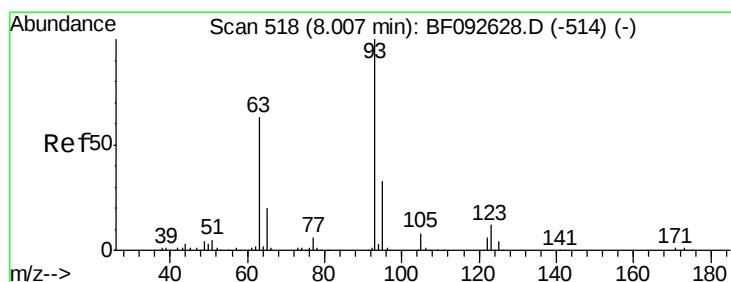
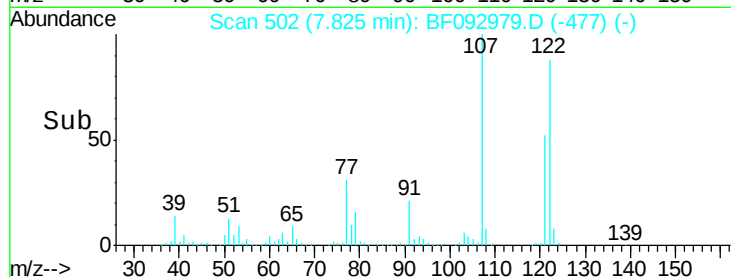
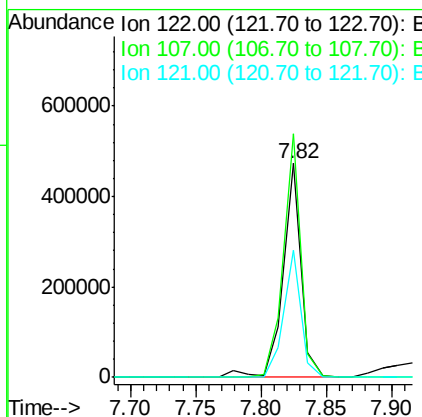
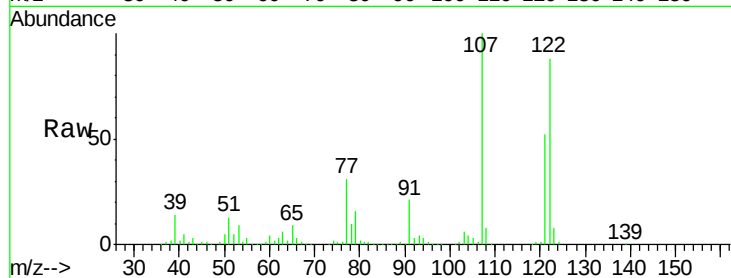




#27
 2,4-Dimethylphenol
 Concen: 46.98 ng
 RT: 7.82 min Scan# 502
 Delta R.T. -0.01 min
 Lab File: BF092979.D
 Acq: 16 Feb 2017 6:27

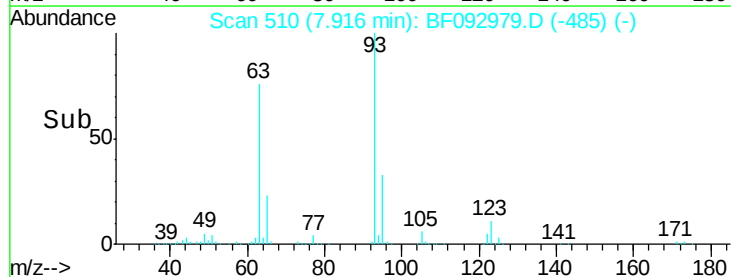
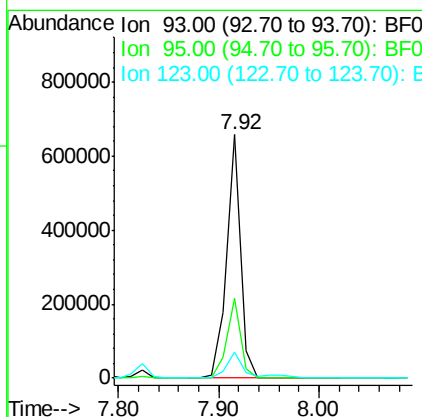
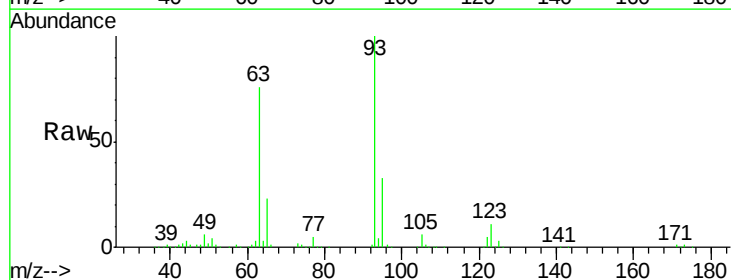
Instrument :
 BNA_F
 ClientSampleId :
 38-WCS021017-0-15MS

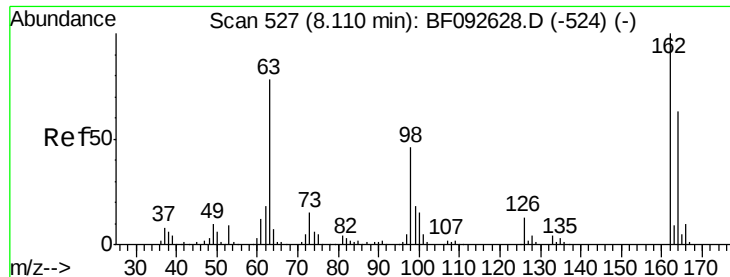
Tgt Ion:122 Resp: 461293
 Ion Ratio Lower Upper
 122 100
 107 113.8 94.1 141.1
 121 59.5 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.92 ng
 RT: 7.92 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF092979.D
 Acq: 16 Feb 2017 6:27

Tgt Ion: 93 Resp: 635050
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.5 39.7
 123 10.6 8.6 13.0

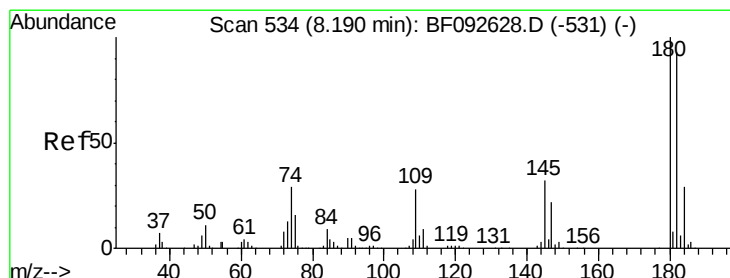
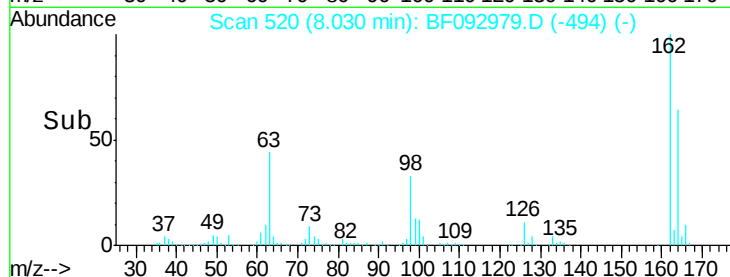
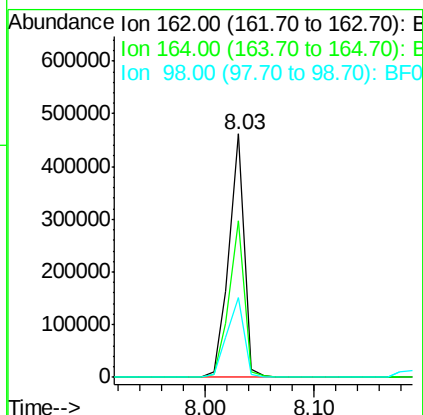
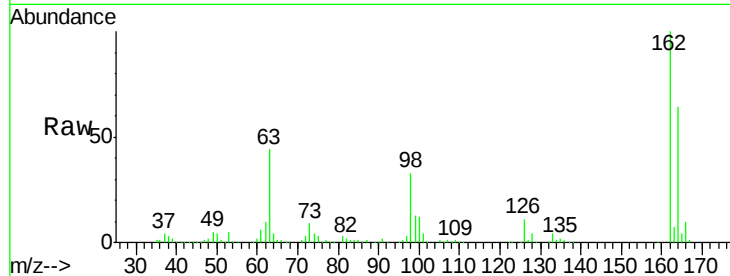




#29
2,4-Dichlorophenol
Concen: 49.44 ng
RT: 8.03 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF092979.D
Acq: 16 Feb 2017 6:27

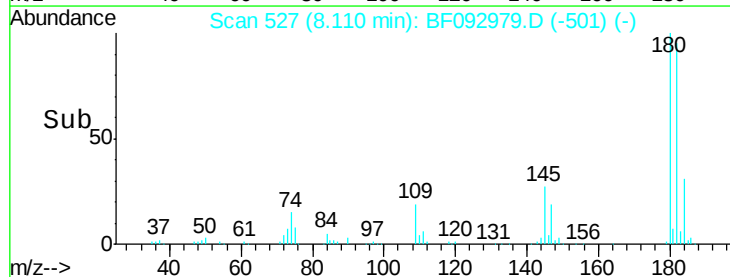
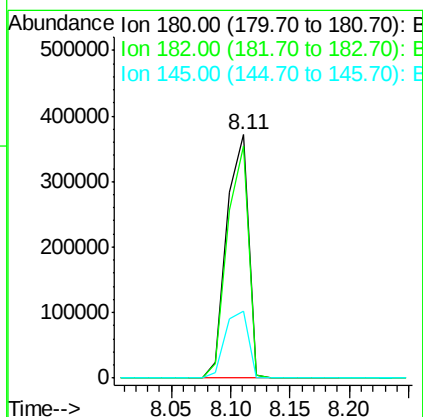
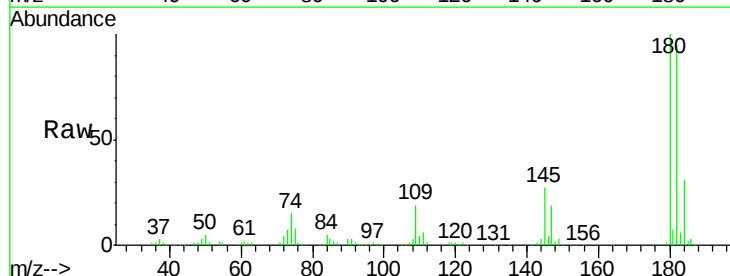
Instrument :
BNA_F
ClientSampleId :
38-WCS021017-0-15MS

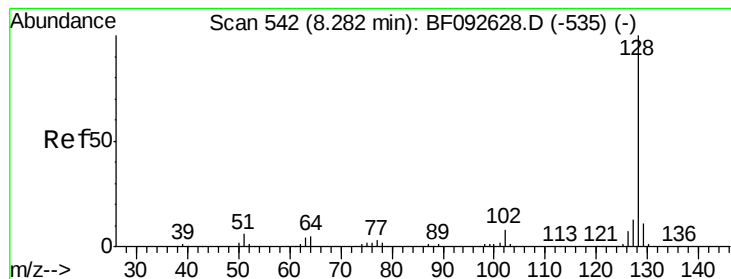
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.2	46.8	86.8
98	32.7	9.1	49.1



#30
1,2,4-Trichlorobenzene
Concen: 47.58 ng
RT: 8.11 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF092979.D
Acq: 16 Feb 2017 6:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	78.2	117.4
145	27.3	21.6	32.4





#31

Naphthalene

Concen: 45.70 ng

RT: 8.19 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF092979.D

Acq: 16 Feb 2017 6:27

Instrument :

BNA_F

ClientSampleId :

38-WCS021017-0-15MS

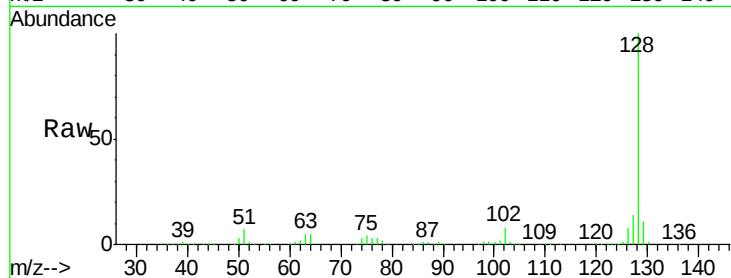
Tgt Ion:128 Resp: 1477616

Ion Ratio Lower Upper

128 100

129 11.0 9.5 14.3

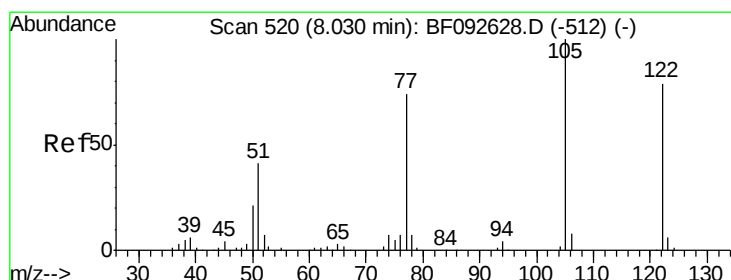
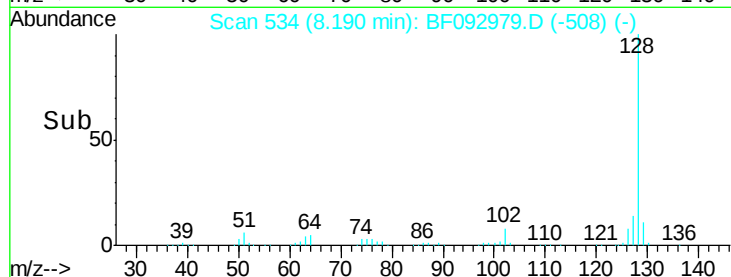
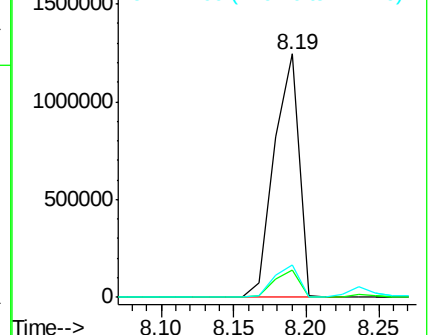
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 51.68 ng

RT: 7.96 min Scan# 514

Delta R.T. -0.01 min

Lab File: BF092979.D

Acq: 16 Feb 2017 6:27

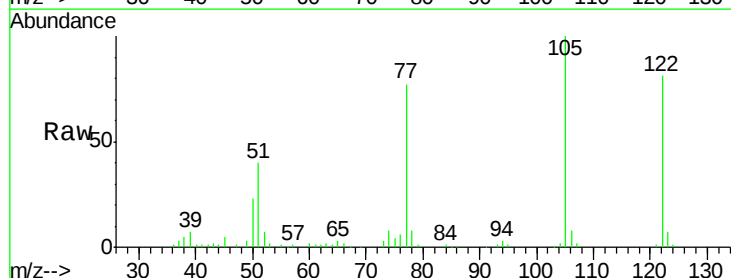
Tgt Ion:122 Resp: 291078

Ion Ratio Lower Upper

122 100

105 123.2 107.2 147.2

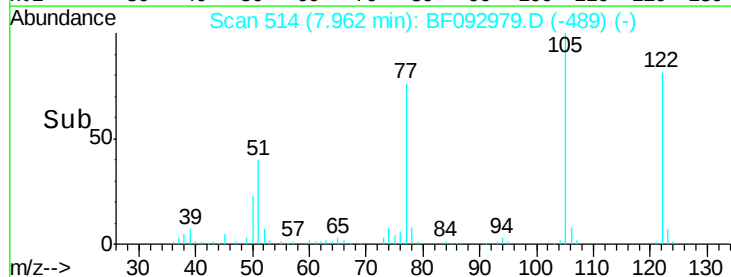
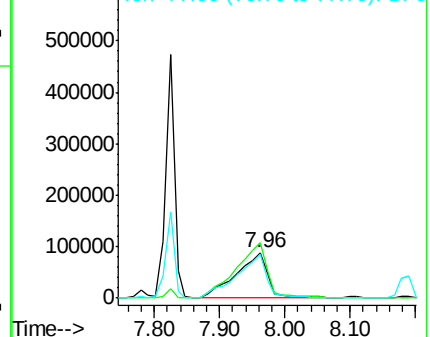
77 95.3 74.5 114.5



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

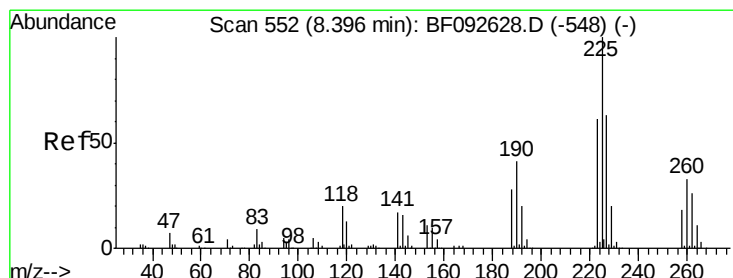
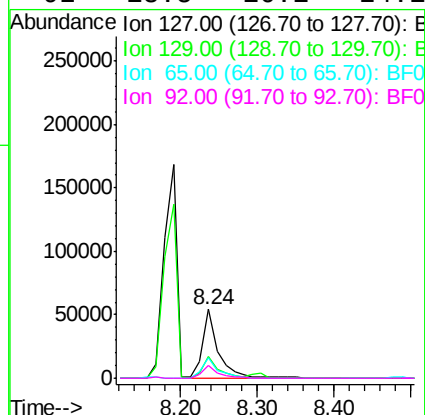
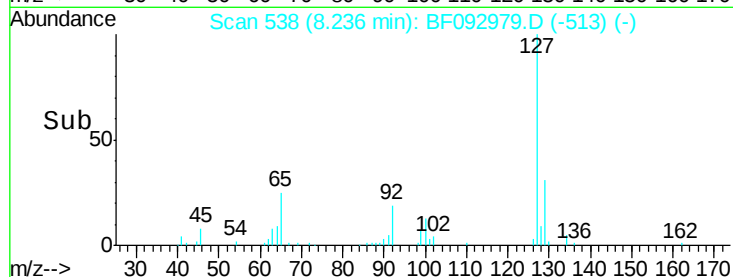
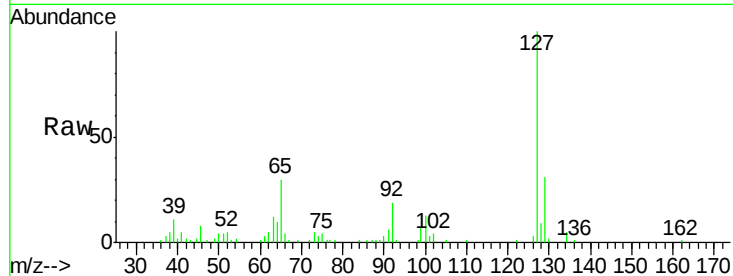




#33
4-Chloroaniline
Concen: 6.18 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF092979.D
Acq: 16 Feb 2017 6:27

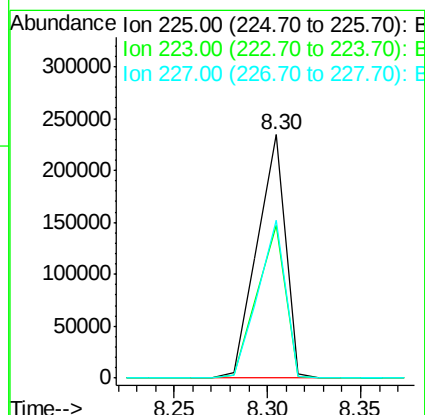
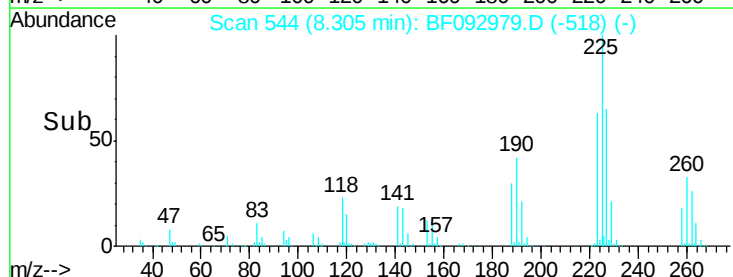
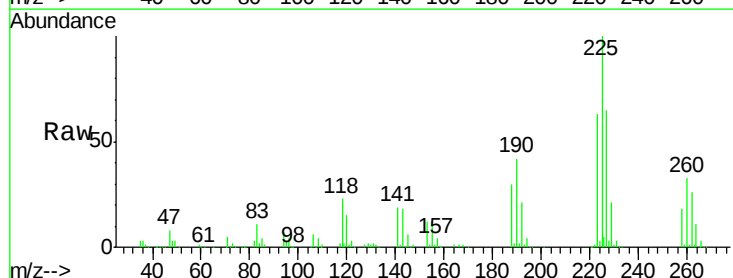
Instrument :
BNA_F
ClientSampleId :
38-WCS021017-0-15MS

Tgt Ion:	127	Resp:	78390
Ion	Ratio	Lower	Upper
127	100		
129	30.9	26.3	39.5
65	30.3	25.8	38.8
92	18.5	16.1	24.1



#34
Hexachlorobutadiene
Concen: 45.27 ng
RT: 8.30 min Scan# 544
Delta R.T. 0.00 min
Lab File: BF092979.D
Acq: 16 Feb 2017 6:27

Tgt Ion:	225	Resp:	245793
Ion	Ratio	Lower	Upper
225	100		
223	62.5	51.0	76.6
227	64.6	50.6	76.0

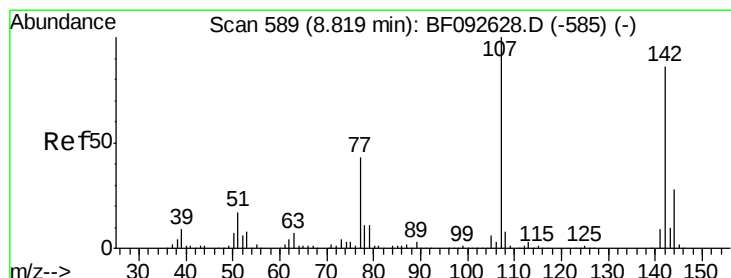
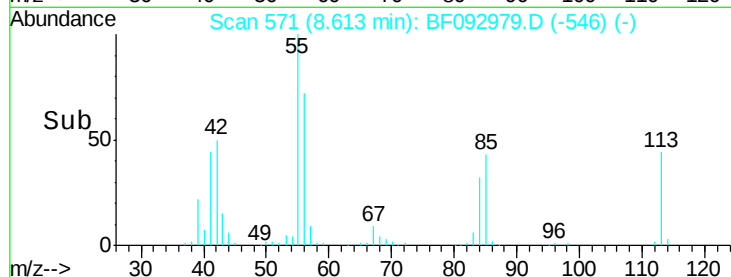
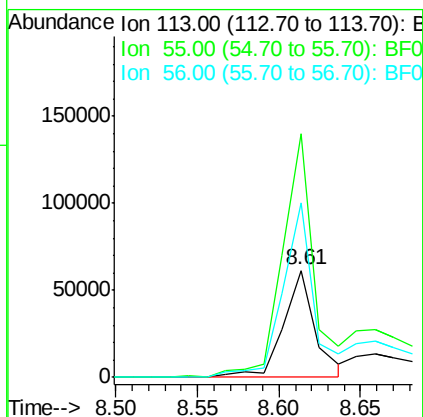
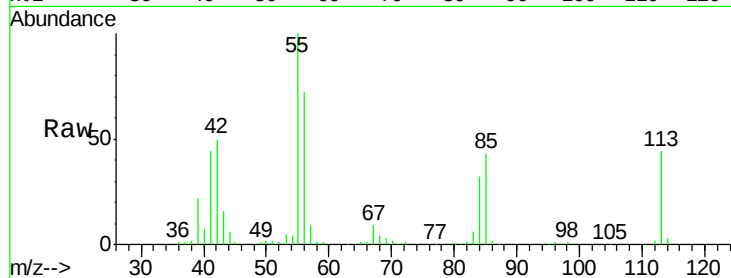




#35
 Caprolactam
 Concen: 28.76 ng
 RT: 8.61 min Scan# 571
 Delta R.T. -0.01 min
 Lab File: BF092979.D
 Acq: 16 Feb 2017 6:27

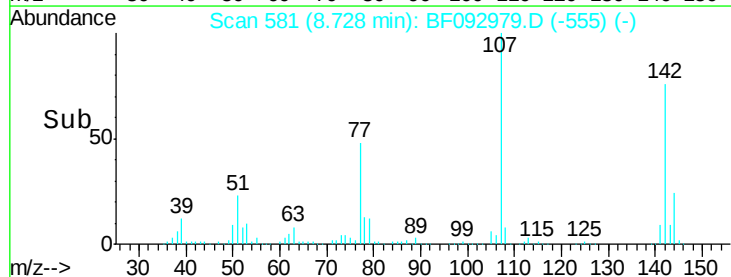
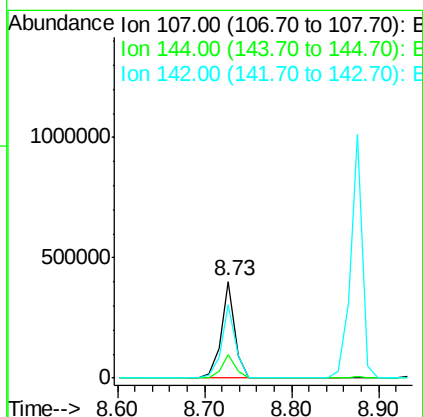
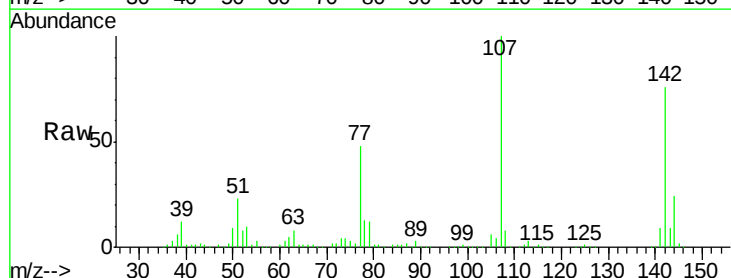
Instrument :
 BNA_F
 ClientSampleId :
 38-WCS021017-0-15MS

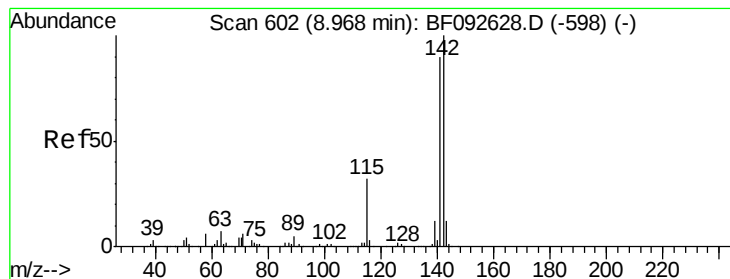
Tgt Ion:113 Resp: 82836
 Ion Ratio Lower Upper
 113 100
 55 228.0 119.2 159.2#
 56 163.7 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 46.27 ng
 RT: 8.73 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: BF092979.D
 Acq: 16 Feb 2017 6:27

Tgt Ion:107 Resp: 441749
 Ion Ratio Lower Upper
 107 100
 144 24.4 19.3 28.9
 142 75.7 59.0 88.6





#37

2-Methylnaphthalene

Concen: 46.36 ng

RT: 8.88 min Scan# 594

Delta R.T. -0.01 min

Lab File: BF092979.D

Acq: 16 Feb 2017 6:27

Instrument :

BNA_F

ClientSampleId :

38-WCS021017-0-15MS

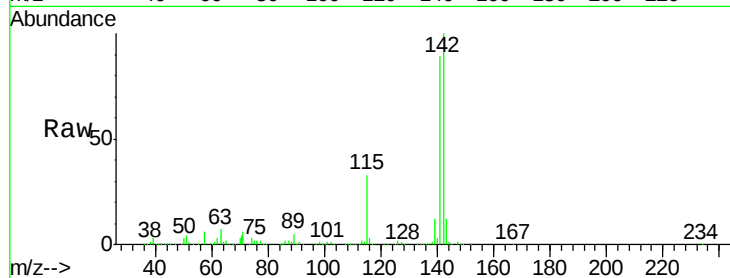
Tgt Ion:142 Resp: 962376

Ion Ratio Lower Upper

142 100

141 89.2 71.0 106.6

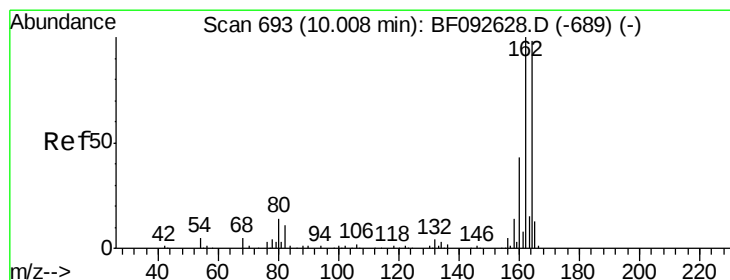
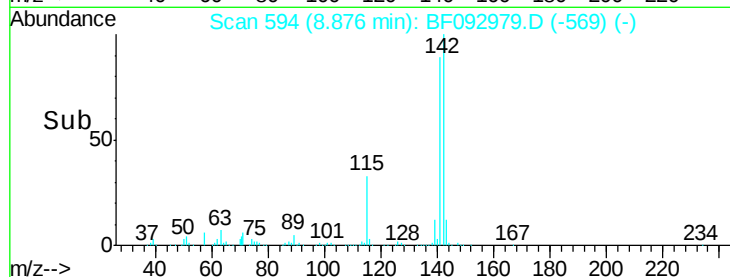
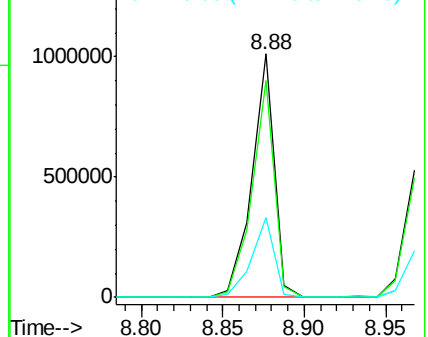
115 32.7 28.3 42.5



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: 9.92 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF092979.D

Acq: 16 Feb 2017 6:27

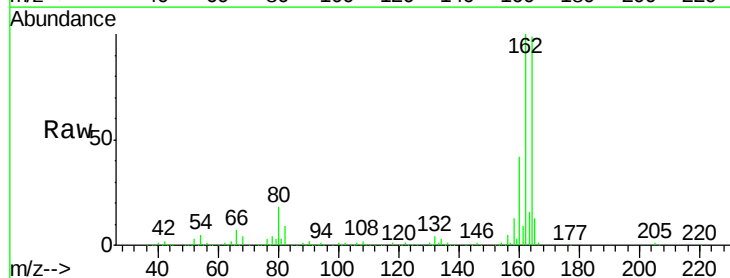
Tgt Ion:164 Resp: 326393

Ion Ratio Lower Upper

164 100

162 101.3 80.2 120.2

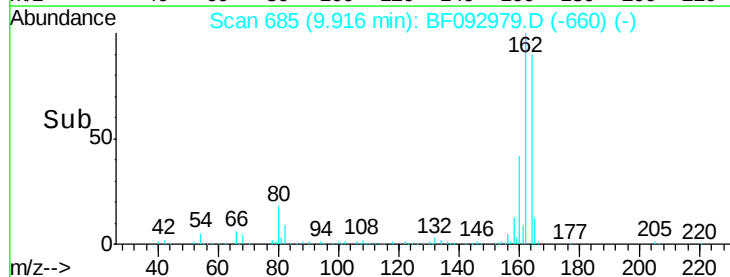
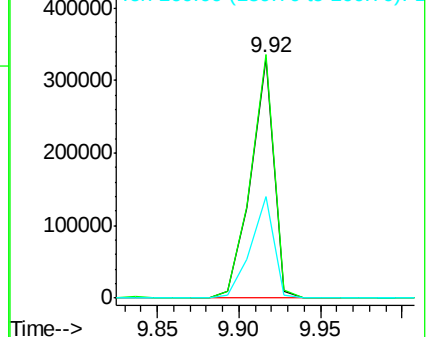
160 42.1 36.9 55.3

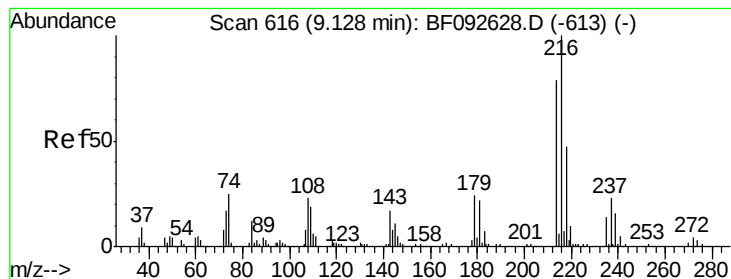


Abundance Ion 164.00 (163.70 to 164.70): E

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: 45.29 ng

RT: 9.04 min Scan# 608

Delta R.T. -0.01 min

Lab File: BF092979.D

Acq: 16 Feb 2017 6:27

Instrument :

BNA_F

ClientSampleId :

38-WCS021017-0-15MS

Tgt Ion:216 Resp: 414921

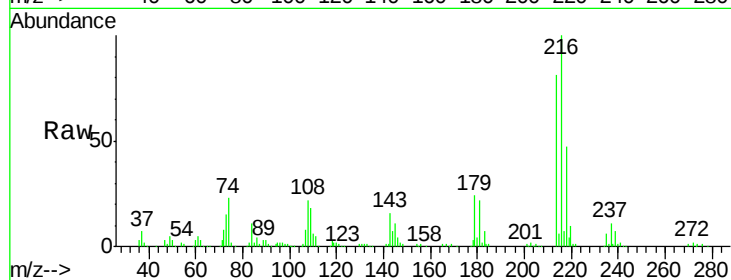
Ion Ratio Lower Upper

216 100

214 78.8 63.4 95.0

179 21.0 17.4 26.2

108 18.1 15.6 23.4

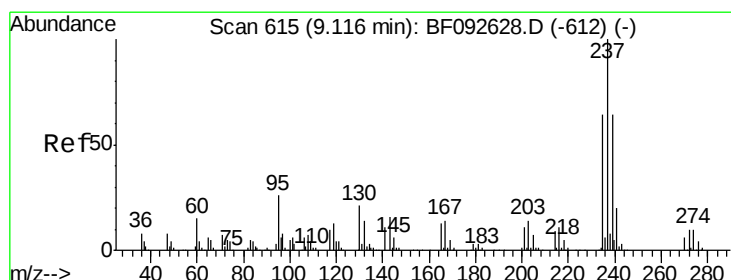
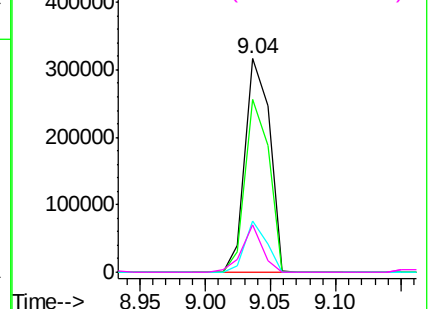
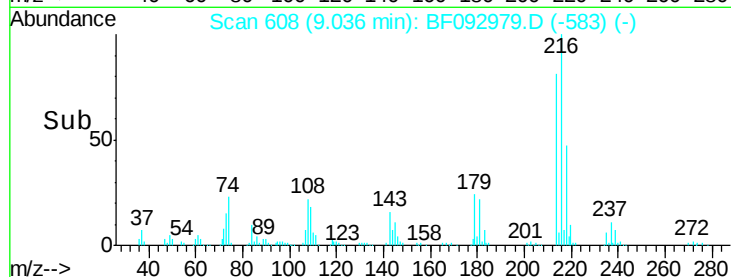


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 54.66 ng

RT: 9.02 min Scan# 607

Delta R.T. -0.01 min

Lab File: BF092979.D

Acq: 16 Feb 2017 6:27

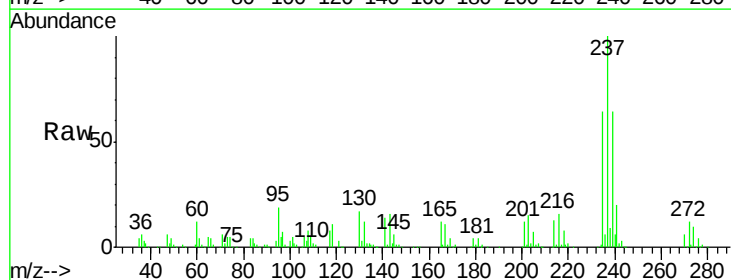
Tgt Ion:237 Resp: 225928

Ion Ratio Lower Upper

237 100

235 63.9 41.2 81.2

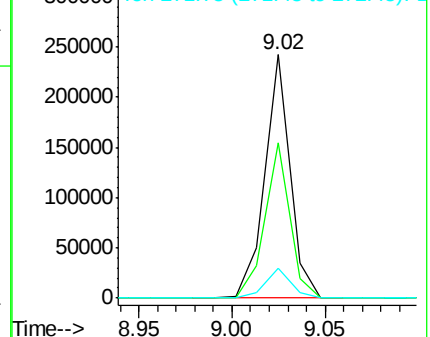
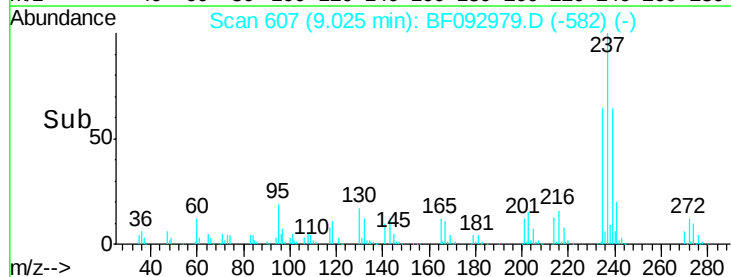
272 12.4 0.0 35.4



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

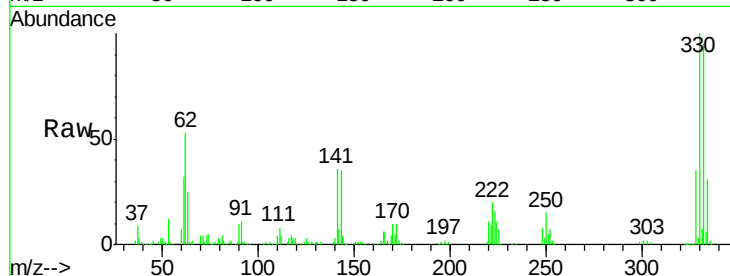




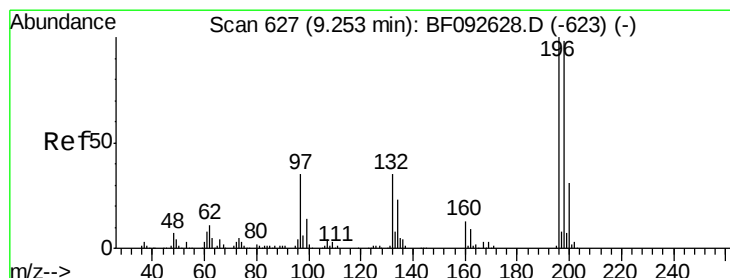
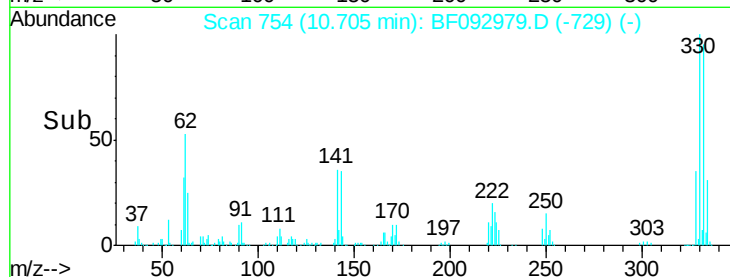
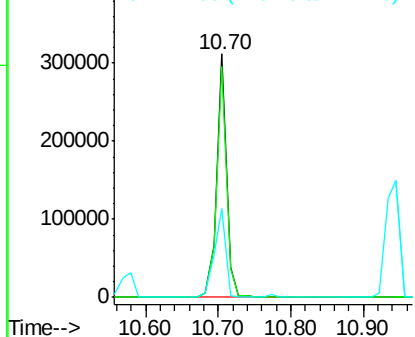
#41
 2,4,6-Tribromophenol
 Concen: 125.12 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF092979.D
 Acq: 16 Feb 2017 6:27

Instrument :
 BNA_F
 ClientSampleId :
 38-WCS021017-0-15MS

Tgt Ion:330 Resp: 295379
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.4 116.2
 141 41.2 34.1 51.1

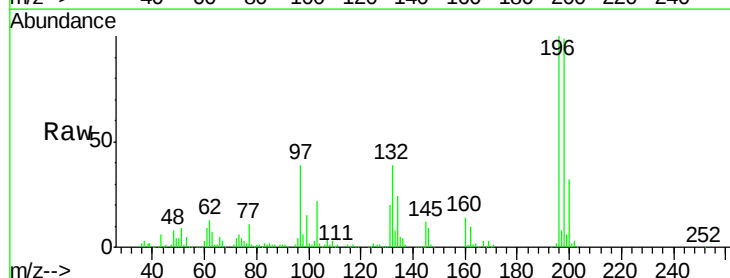


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

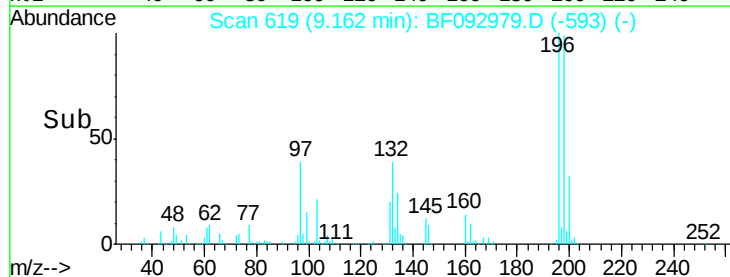
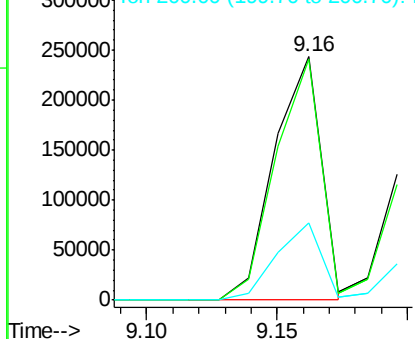


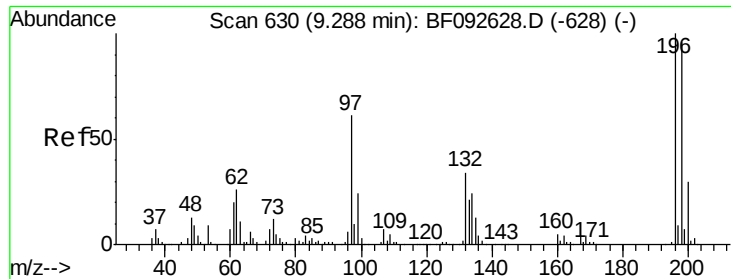
#42
 2,4,6-Trichlorophenol
 Concen: 50.06 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF092979.D
 Acq: 16 Feb 2017 6:27

Tgt Ion:196 Resp: 301365
 Ion Ratio Lower Upper
 196 100
 198 98.8 82.1 123.1
 200 31.8 27.0 40.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

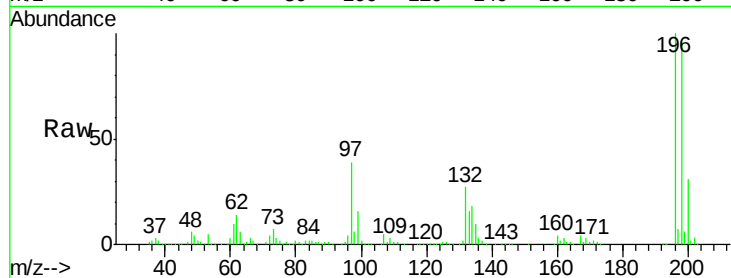




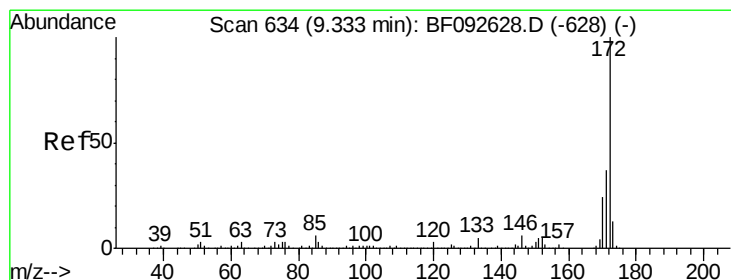
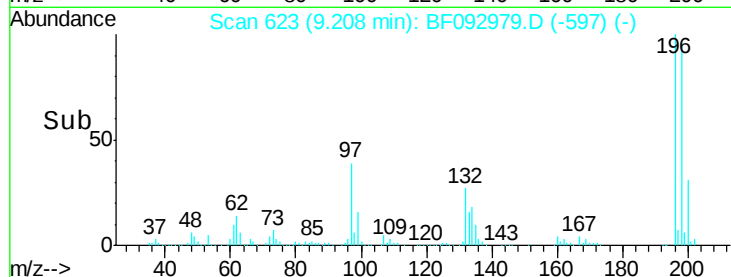
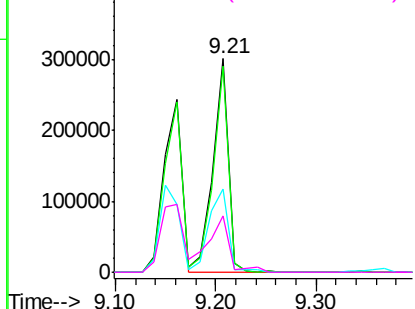
#43
 2,4,5-Trichlorophenol
 Concen: 48.63 ng
 RT: 9.21 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF092979.D
 Acq: 16 Feb 2017 6:27

Instrument :
 BNA_F
 ClientSampleId :
 38-WCS021017-0-15MS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.5	79.4	119.2
97	39.2	51.5	77.3#
132	26.7	27.4	41.2#

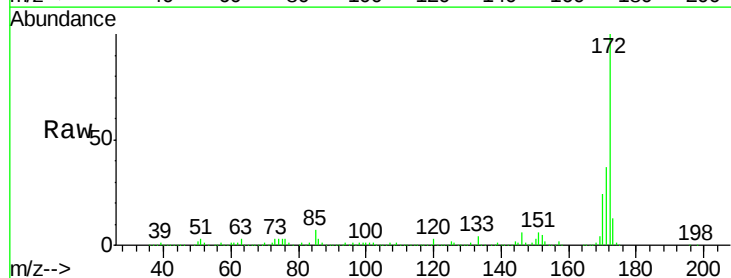


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

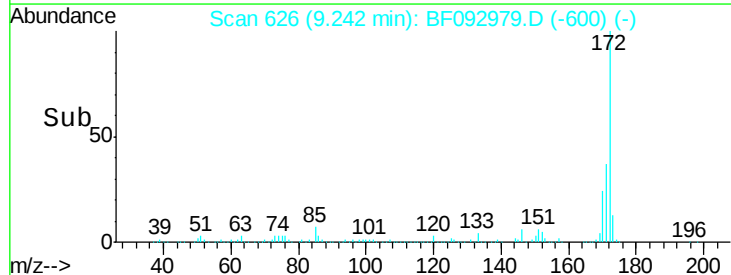
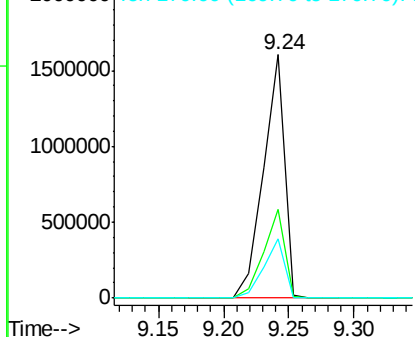


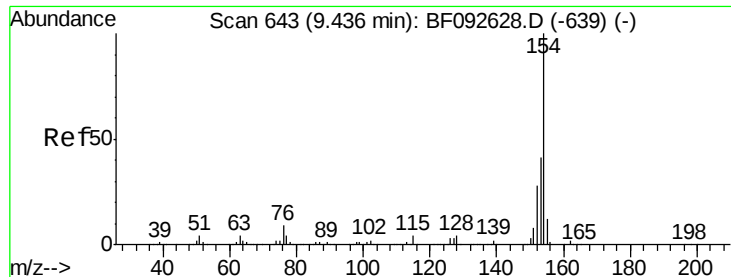
#44
 2-Fluorobiphenyl
 Concen: 101.14 ng
 RT: 9.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF092979.D
 Acq: 16 Feb 2017 6:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.0
170	24.4	20.2	30.4



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

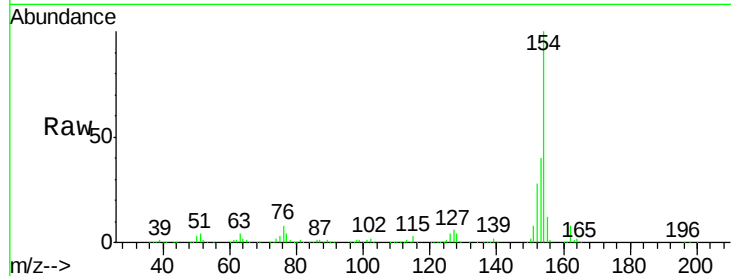




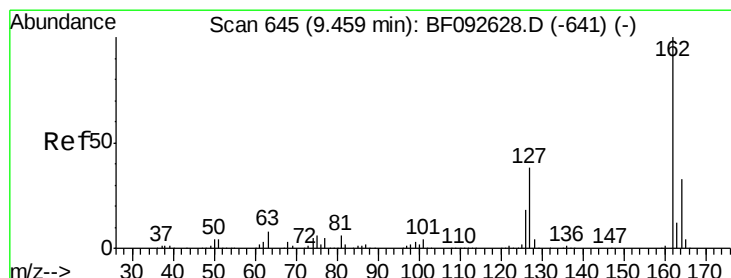
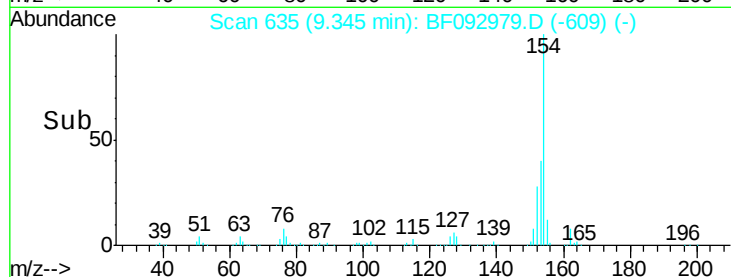
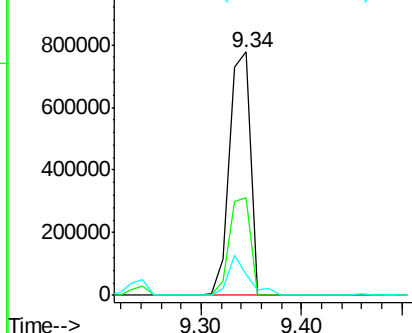
#45
 1,1'-Biphenyl
 Concen: 47.38 ng
 RT: 9.34 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: BF092979.D
 Acq: 16 Feb 2017 6:27

Instrument :
 BNA_F
 ClientSampleId :
 38-WCS021017-0-15MS

Tgt Ion:154 Resp: 1119773
 Ion Ratio Lower Upper
 154 100
 153 39.9 20.9 60.9
 76 8.5 0.0 30.5

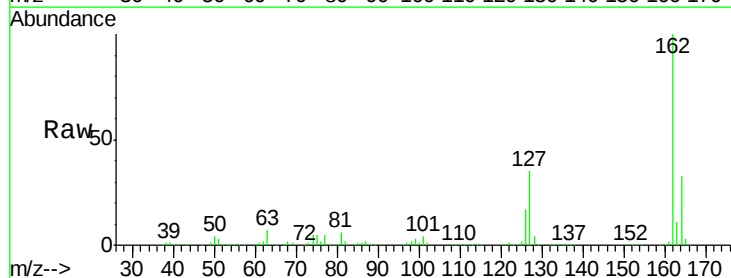


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

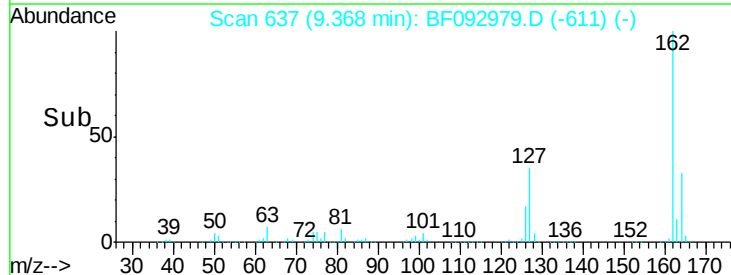
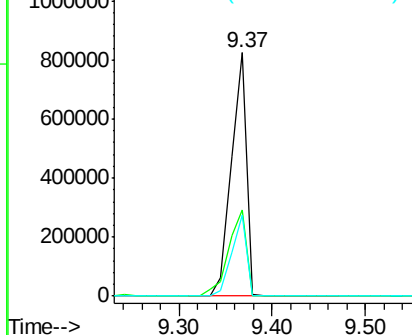


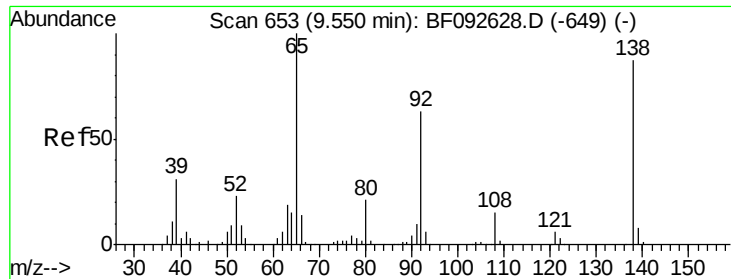
#46
 2-Chloronaphthalene
 Concen: 50.88 ng
 RT: 9.37 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: BF092979.D
 Acq: 16 Feb 2017 6:27

Tgt Ion:162 Resp: 940750
 Ion Ratio Lower Upper
 162 100
 127 35.4 30.7 46.1
 164 33.1 27.6 41.4



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

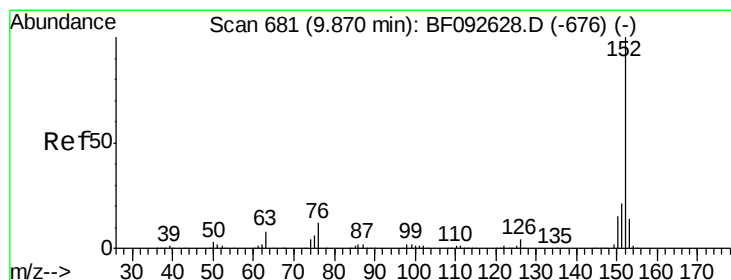
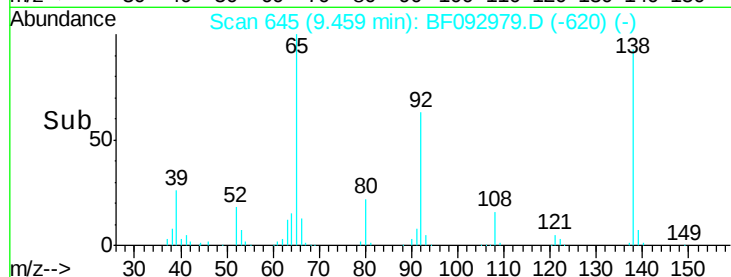
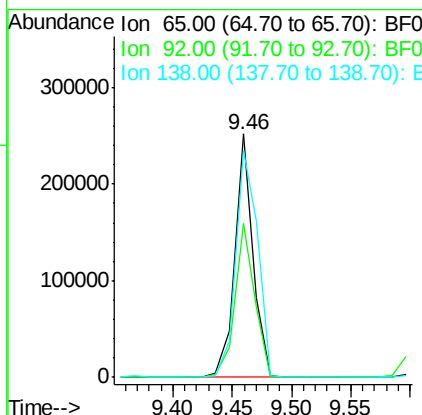
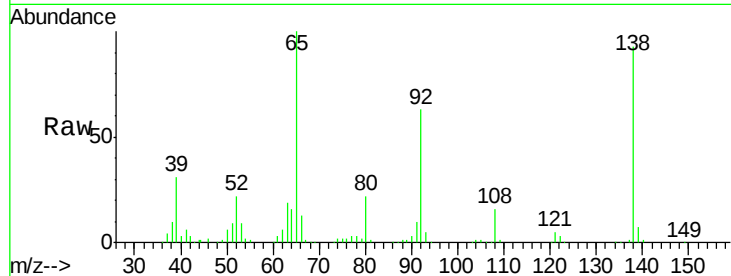




#47
2-Nitroaniline
Concen: 43.05 ng
RT: 9.46 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF092979.D
Acq: 16 Feb 2017 6:27

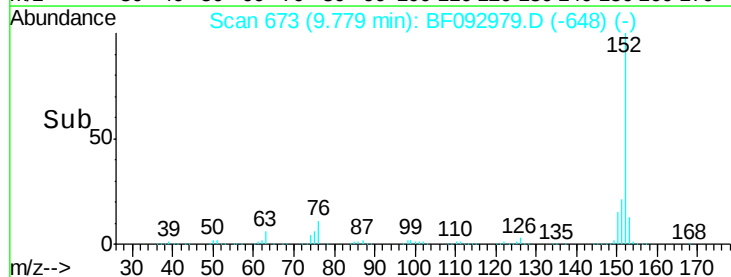
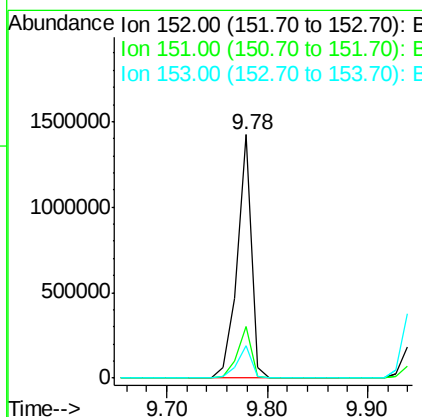
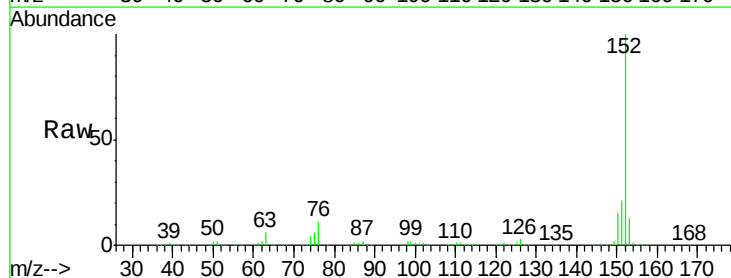
Instrument :
BNA_F
ClientSampleId :
38-WCS021017-0-15MS

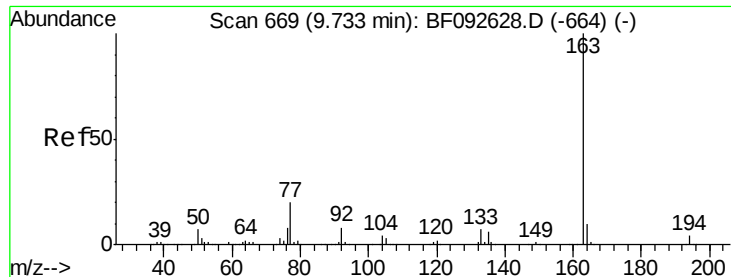
Tgt Ion: 65 Resp: 267587
Ion Ratio Lower Upper
65 100
92 63.3 53.9 80.9
138 93.0 76.8 115.2



#48
Acenaphthylene
Concen: 43.39 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF092979.D
Acq: 16 Feb 2017 6:27

Tgt Ion: 152 Resp: 1385920
Ion Ratio Lower Upper
152 100
151 21.0 16.9 25.3
153 13.1 11.4 17.2

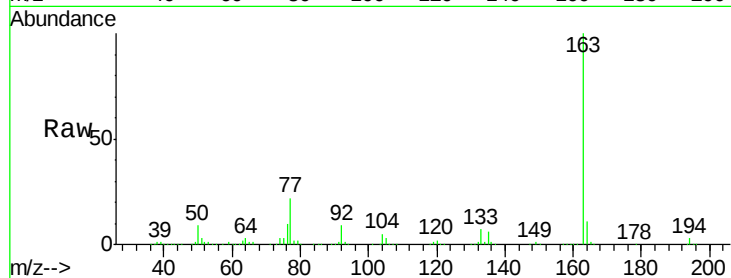




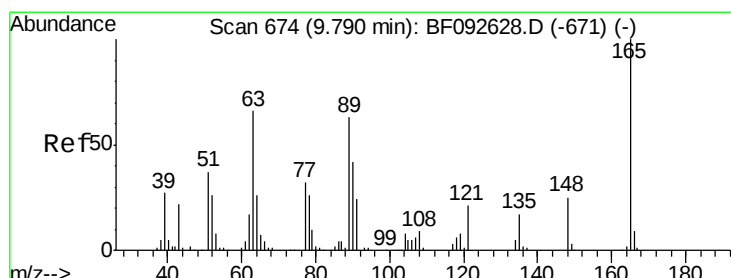
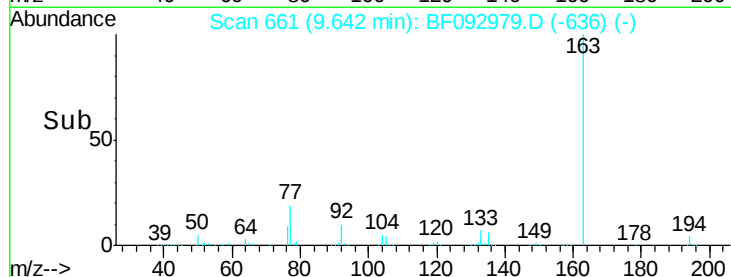
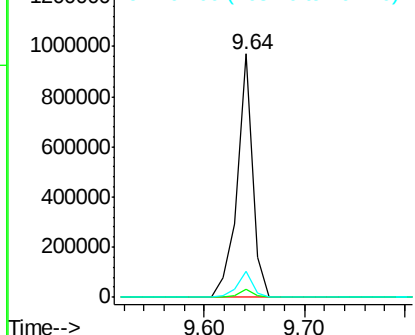
#49
Dimethylphthalate
Concen: 46.98 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF092979.D
Acq: 16 Feb 2017 6:27

Instrument :
BNA_F
ClientSampleId :
38-WCS021017-0-15MS

Tgt Ion:163 Resp: 1032889
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 10.5 8.0 12.0

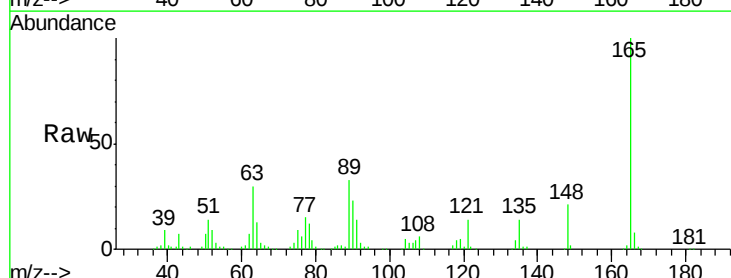


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

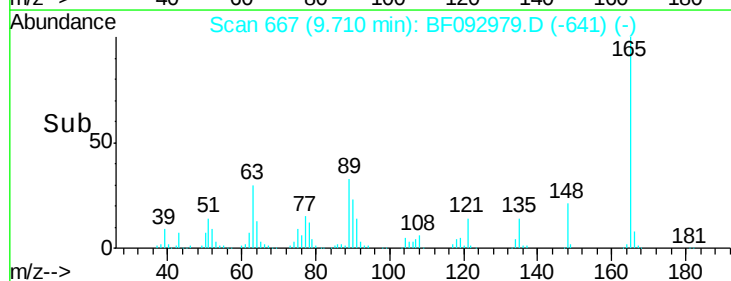
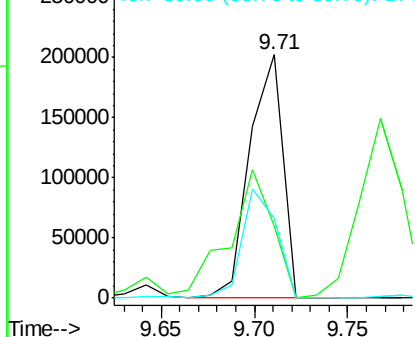


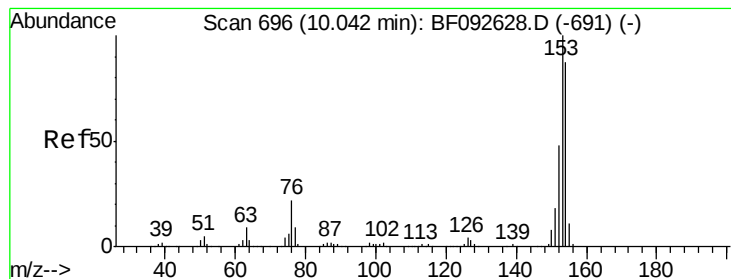
#50
2,6-Dinitrotoluene
Concen: 52.39 ng
RT: 9.71 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF092979.D
Acq: 16 Feb 2017 6:27

Tgt Ion:165 Resp: 248755
Ion Ratio Lower Upper
165 100
63 29.7 36.2 54.4#
89 32.6 40.2 60.4#



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





#51

Acenaphthene

Concen: 45.15 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF092979.D

Acq: 16 Feb 2017 6:27

Instrument :

BNA_F

ClientSampleId :

38-WCS021017-0-15MS

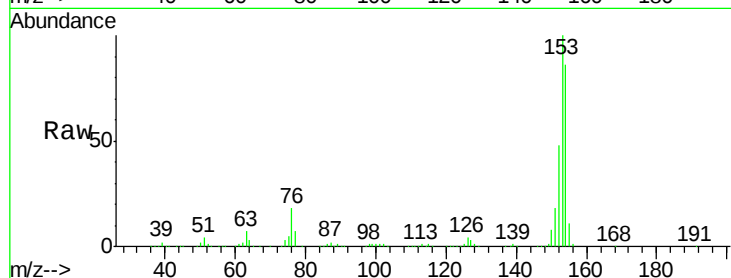
Tgt Ion:154 Resp: 862243

Ion Ratio Lower Upper

154 100

153 115.6 88.6 133.0

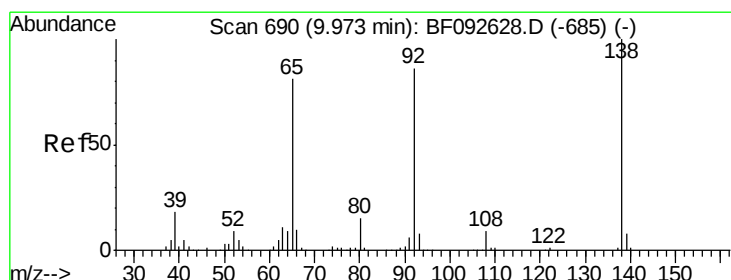
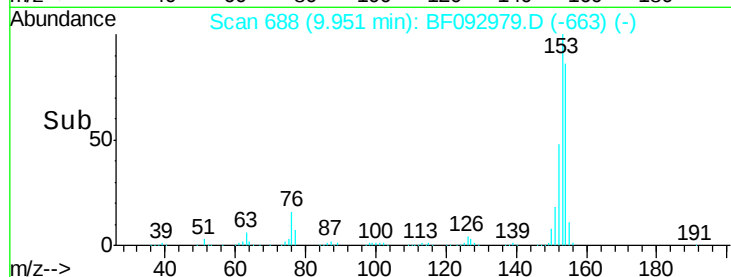
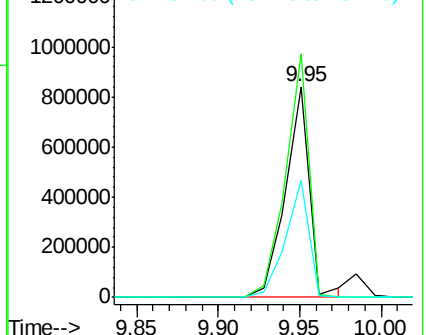
152 55.2 41.6 62.4



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: 12.95 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF092979.D

Acq: 16 Feb 2017 6:27

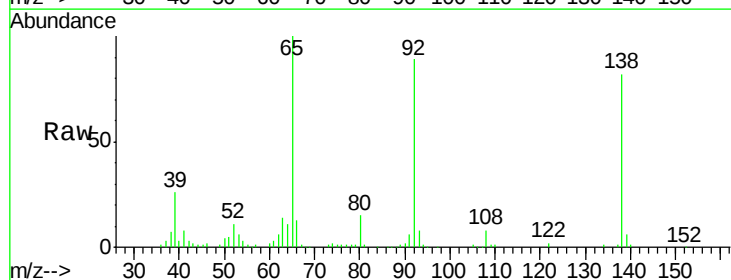
Tgt Ion:138 Resp: 70390

Ion Ratio Lower Upper

138 100

108 10.1 8.5 12.7

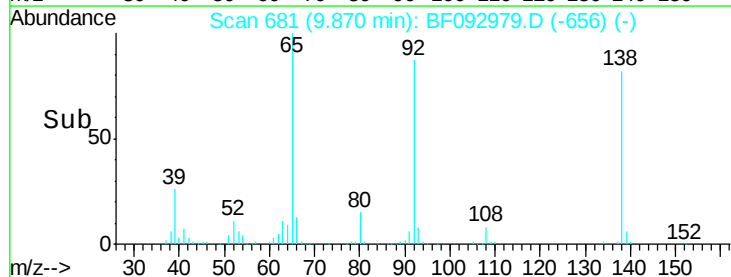
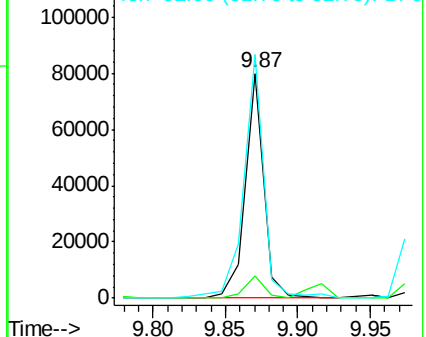
92 108.5 97.8 146.8

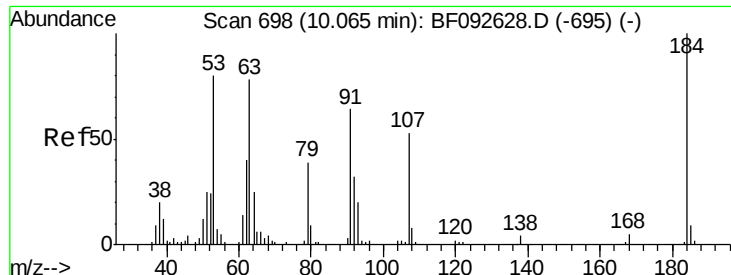


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

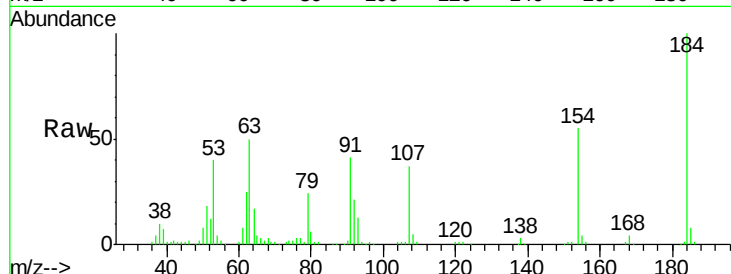




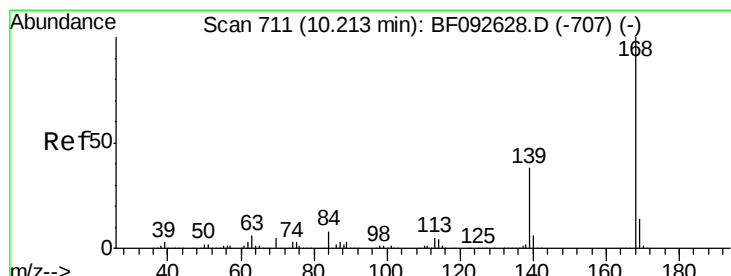
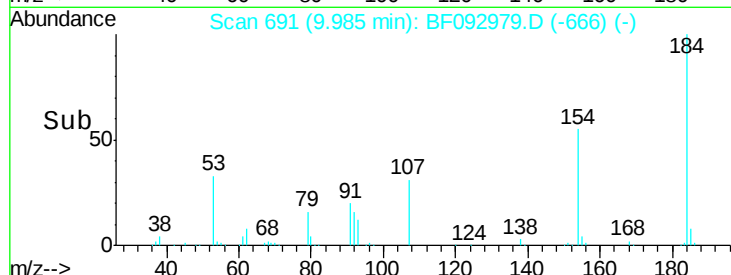
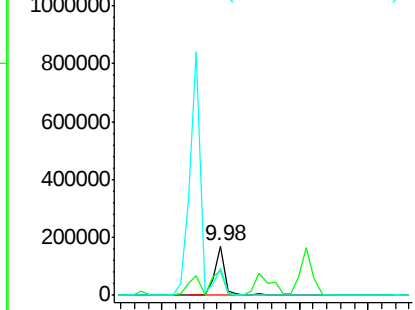
#53
2,4-Dinitrophenol
Concen: 73.97 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF092979.D
Acq: 16 Feb 2017 6:27

Instrument :
BNA_F
ClientSampleId :
38-WCS021017-0-15MS

Tgt Ion:184 Resp: 177753
Ion Ratio Lower Upper
184 100
63 50.2 28.4 42.6#
154 54.6 44.3 66.5

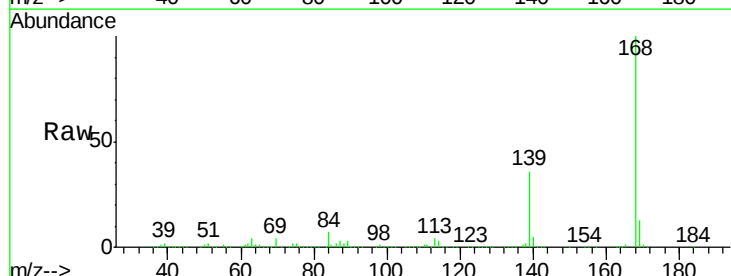


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

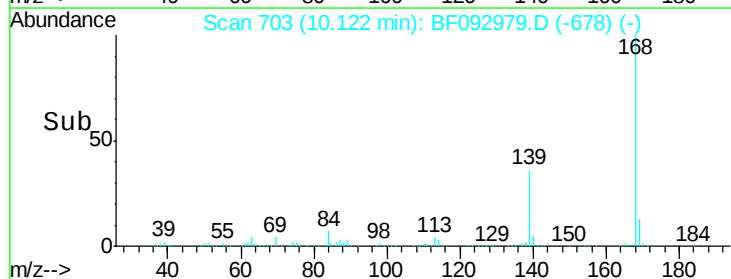
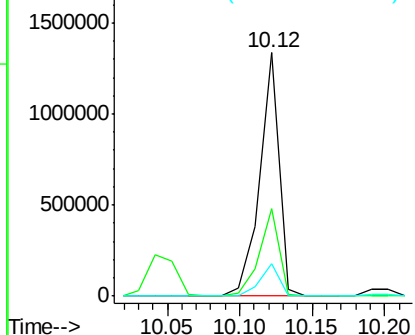


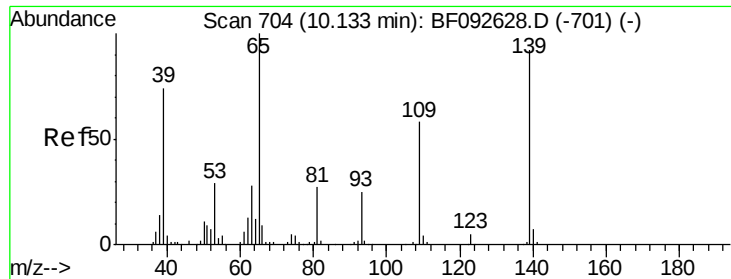
#54
Dibenzofuran
Concen: 48.29 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF092979.D
Acq: 16 Feb 2017 6:27

Tgt Ion:168 Resp: 1233323
Ion Ratio Lower Upper
168 100
139 36.0 32.6 49.0
169 13.3 11.3 16.9



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

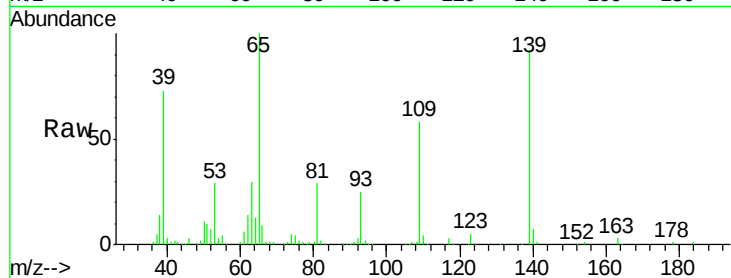




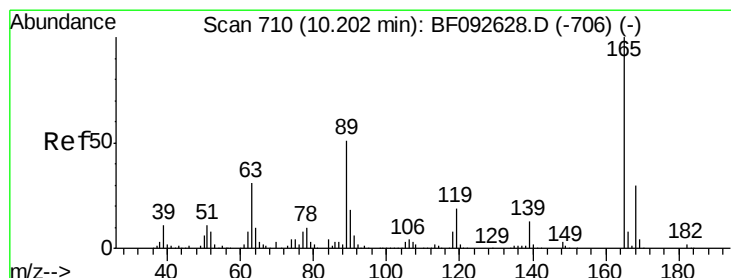
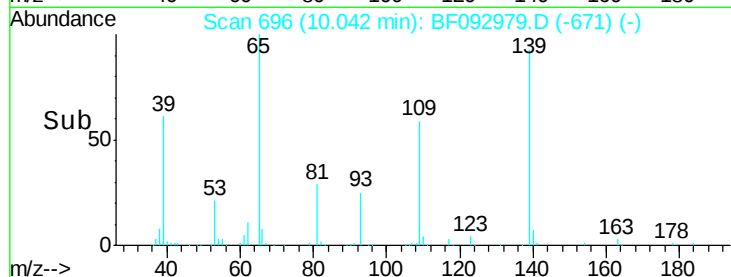
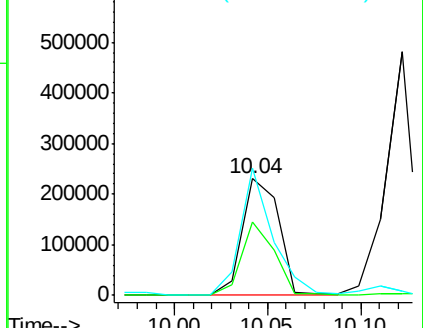
#55
4-Nitrophenol
Concen: 81.65 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF092979.D
Acq: 16 Feb 2017 6:27

Instrument :
BNA_F
ClientSampleId :
38-WCS021017-0-15MS

Tgt Ion:139 Resp: 319534
Ion Ratio Lower Upper
139 100
109 63.5 52.2 92.2
65 108.7 85.8 125.8

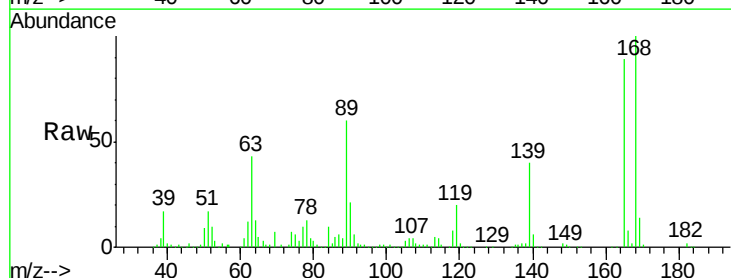


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

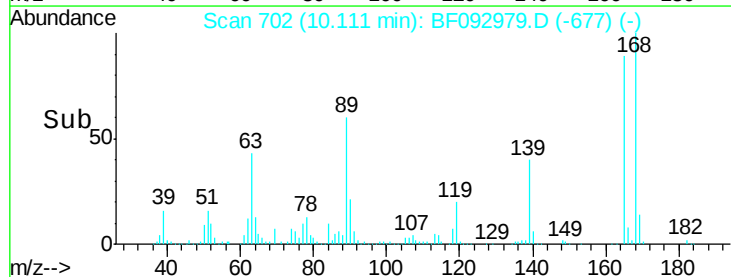
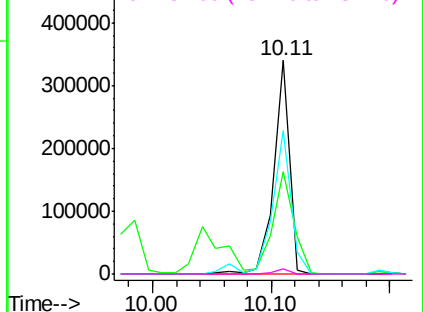


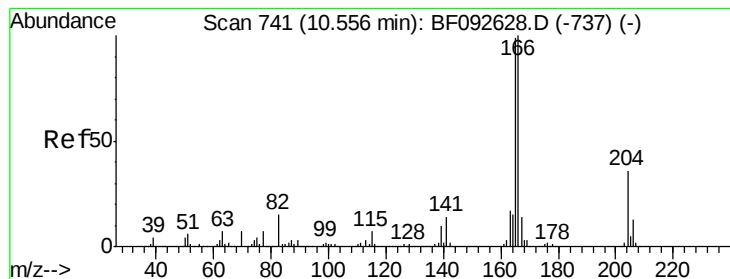
#56
2,4-Dinitrotoluene
Concen: 49.37 ng
RT: 10.11 min Scan# 702
Delta R.T. -0.01 min
Lab File: BF092979.D
Acq: 16 Feb 2017 6:27

Tgt Ion:165 Resp: 312080
Ion Ratio Lower Upper
165 100
63 47.9 40.2 60.4
89 66.8 62.5 93.7
182 2.3 1.8 2.8



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: 47.49 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF092979.D

Acq: 16 Feb 2017 6:27

Instrument :

BNA_F

ClientSampleId :

38-WCS021017-0-15MS

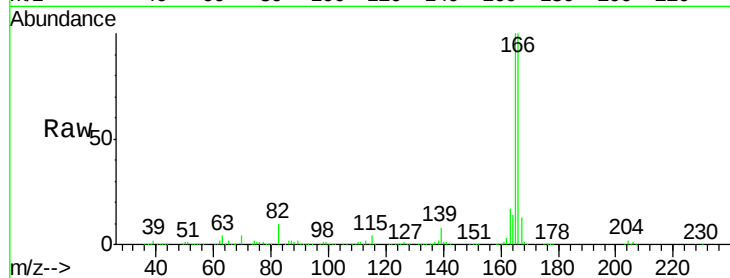
Tgt Ion:166 Resp: 933194

Ion Ratio Lower Upper

166 100

165 99.6 77.8 116.8

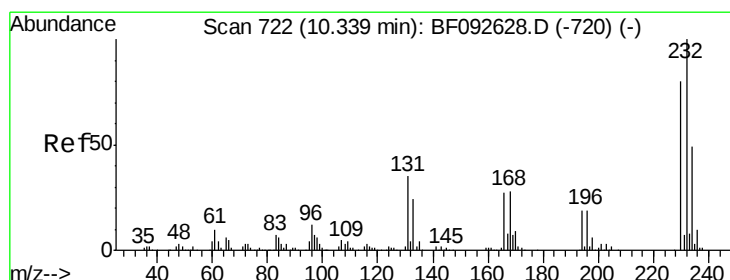
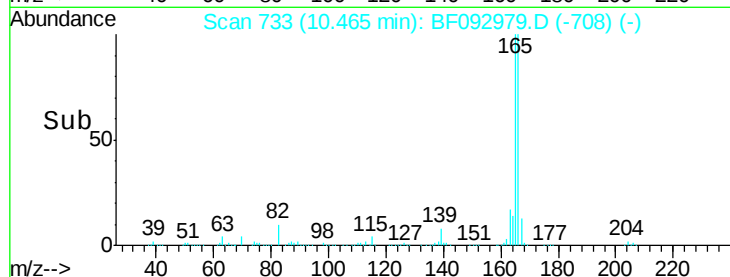
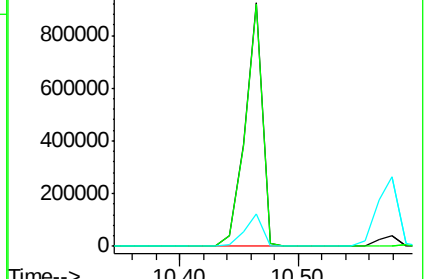
167 13.3 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.38 ng

RT: 10.24 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF092979.D

Acq: 16 Feb 2017 6:27

Tgt Ion:232 Resp: 221707

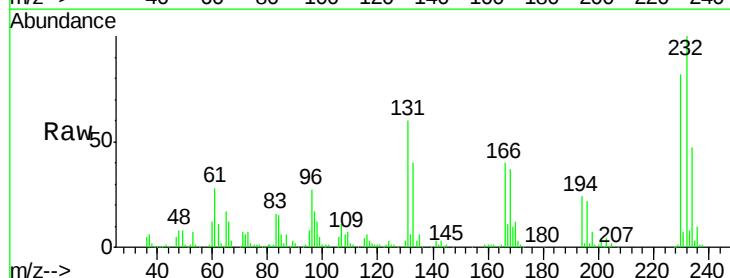
Ion Ratio Lower Upper

232 100

131 47.1 40.1 60.1

130 2.1 1.8 2.8

166 31.1 26.6 39.8

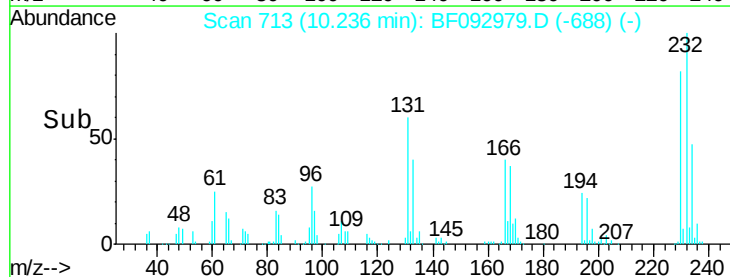
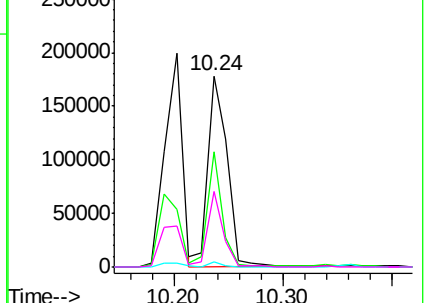


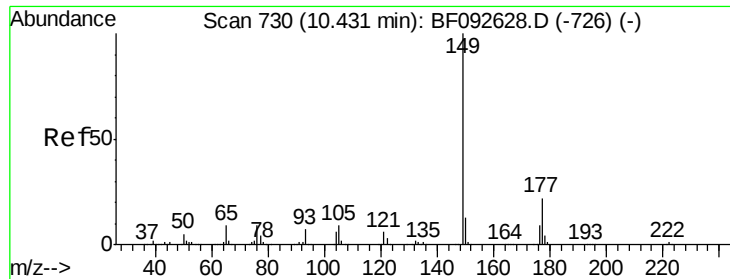
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

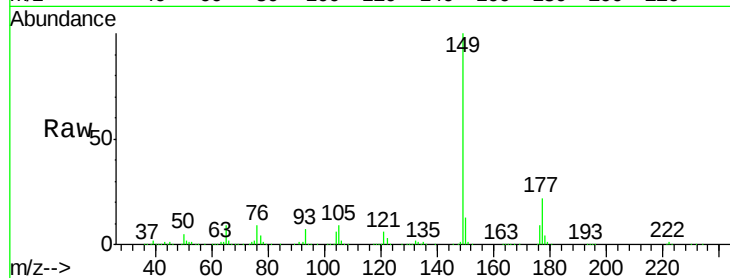




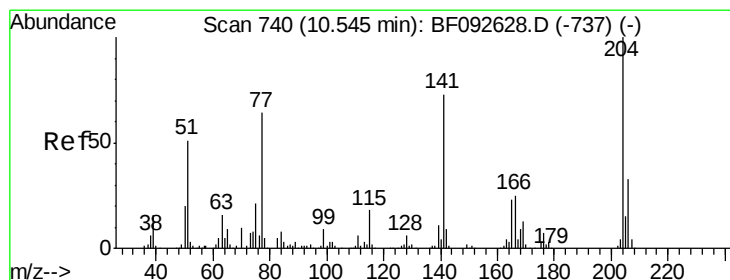
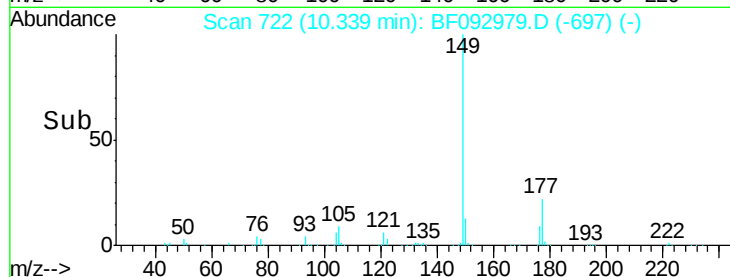
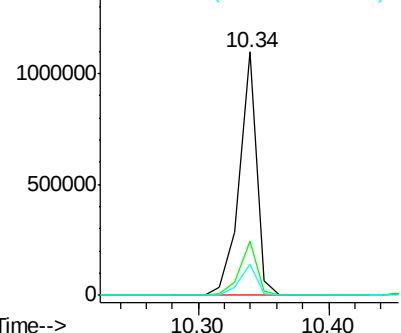
#59
Diethylphthalate
Concen: 49.10 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF092979.D
Acq: 16 Feb 2017 6:27

Instrument :
BNA_F
ClientSampleId :
38-WCS021017-0-15MS

Tgt Ion:149 Resp: 1017316
Ion Ratio Lower Upper
149 100
177 22.2 16.6 25.0
150 12.9 10.4 15.6

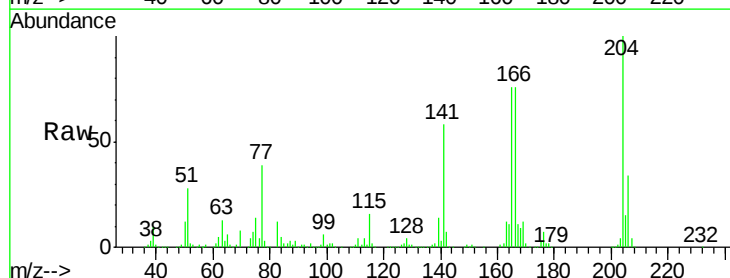


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

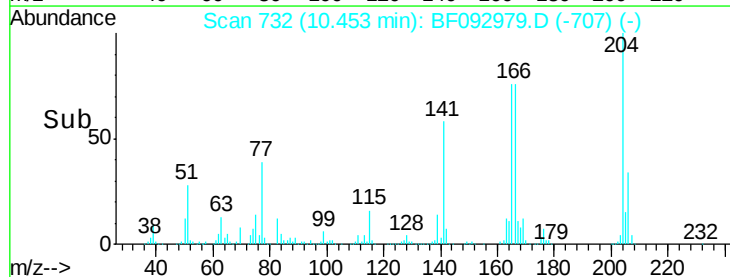
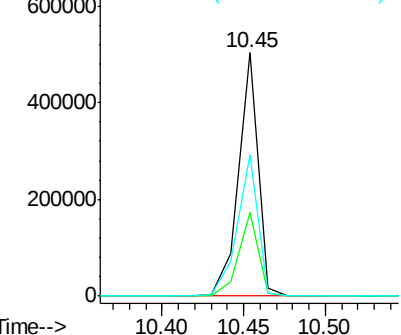


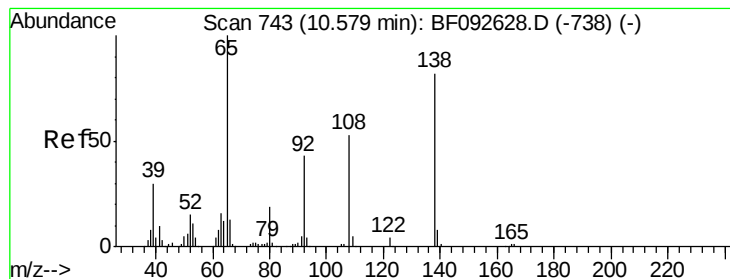
#60
4-Chlorophenyl-phenylether
Concen: 44.54 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF092979.D
Acq: 16 Feb 2017 6:27

Tgt Ion:204 Resp: 420437
Ion Ratio Lower Upper
204 100
206 34.3 25.8 38.6
141 57.9 59.4 89.0#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.72 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF092979.D

Acq: 16 Feb 2017 6:27

Instrument :

BNA_F

ClientSampleId :

38-WCS021017-0-15MS

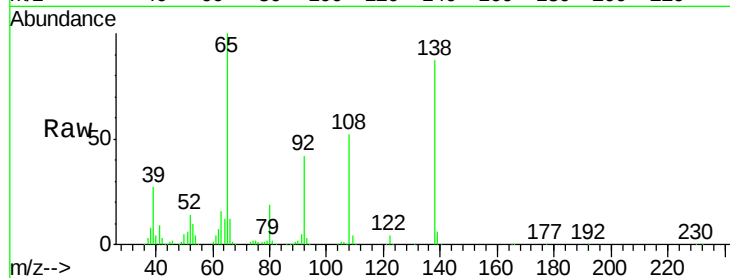
Tgt Ion:138 Resp: 215465

Ion Ratio Lower Upper

138 100

92 48.6 31.7 71.7

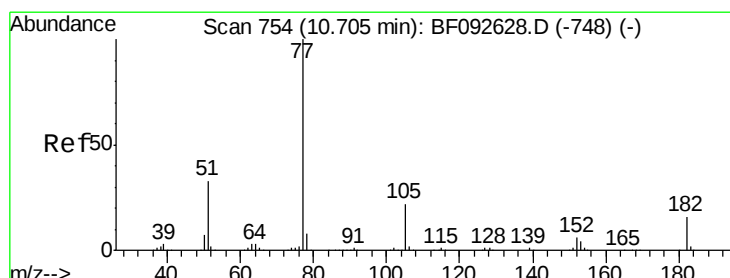
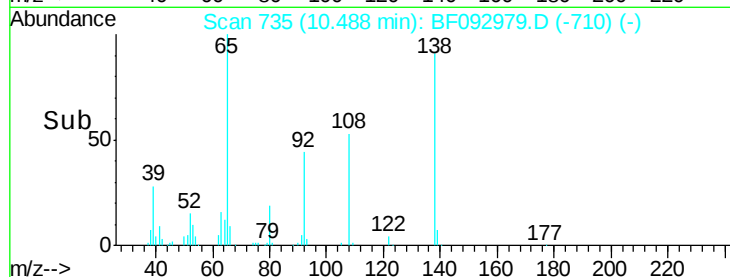
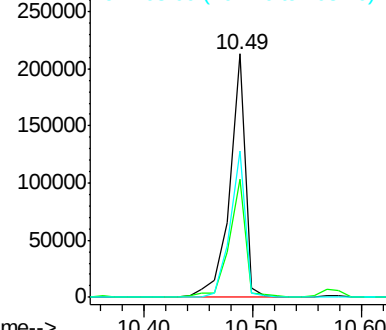
108 60.1 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 52.04 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF092979.D

Acq: 16 Feb 2017 6:27

Tgt Ion: 77 Resp: 1113937

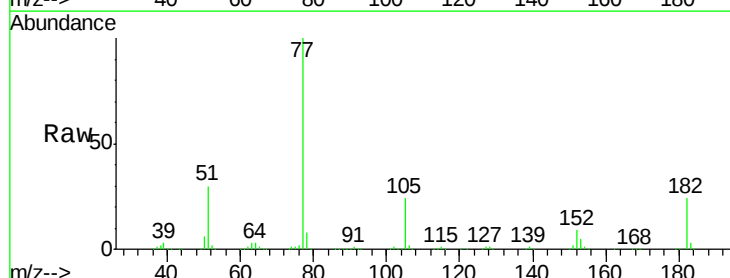
Ion Ratio Lower Upper

77 100

182 23.8 0.0 39.3

105 23.7 2.3 42.3

51 30.2 8.9 48.9

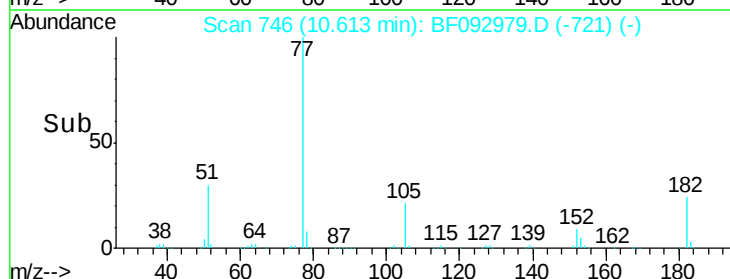
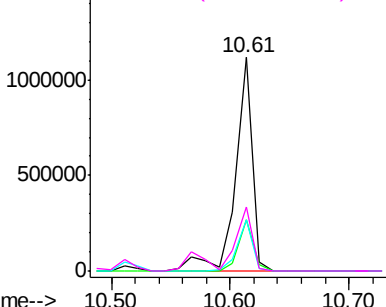


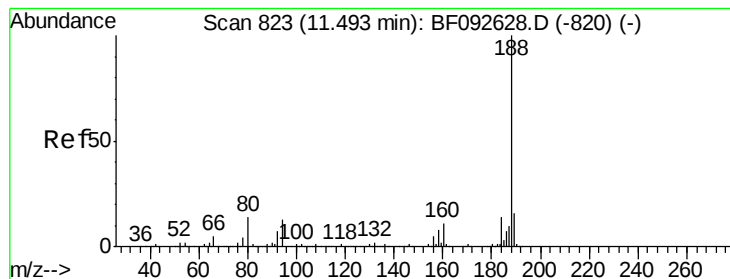
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF092979.D

Acq: 16 Feb 2017 6:27

Instrument :

BNA_F

ClientSampleId :

38-WCS021017-0-15MS

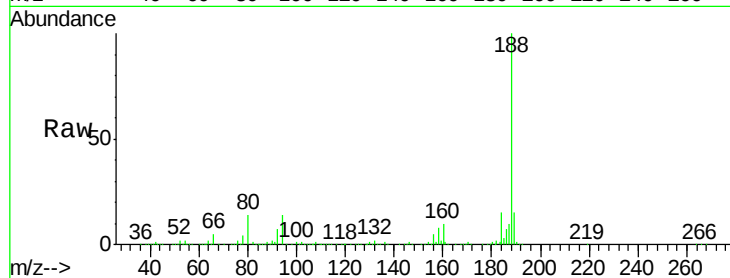
Tgt Ion:188 Resp: 472004

Ion Ratio Lower Upper

188 100

94 13.6 10.0 15.0

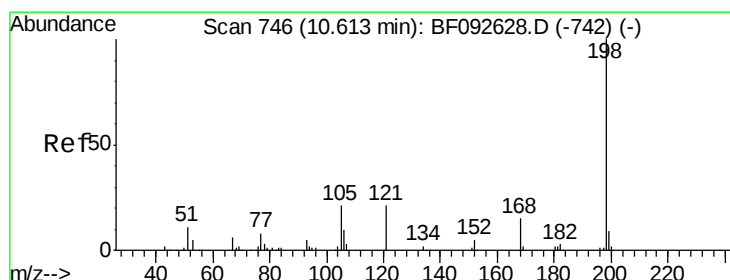
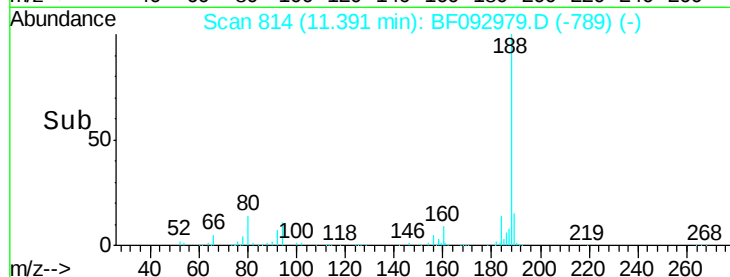
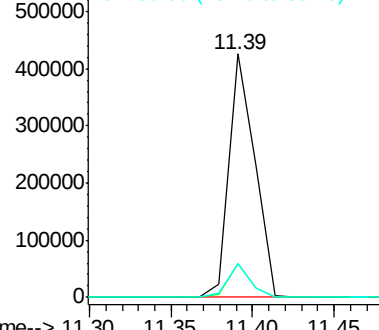
80 13.9 11.2 16.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 42.02 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF092979.D

Acq: 16 Feb 2017 6:27

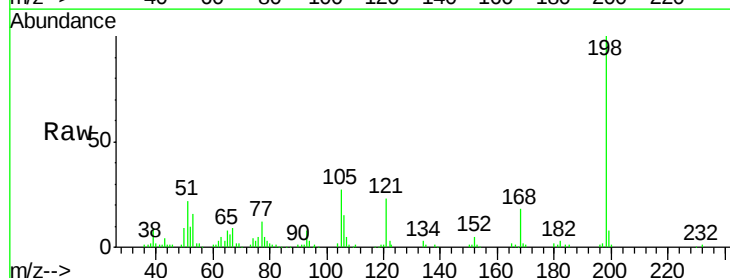
Tgt Ion:198 Resp: 119723

Ion Ratio Lower Upper

198 100

51 21.9 6.7 46.7

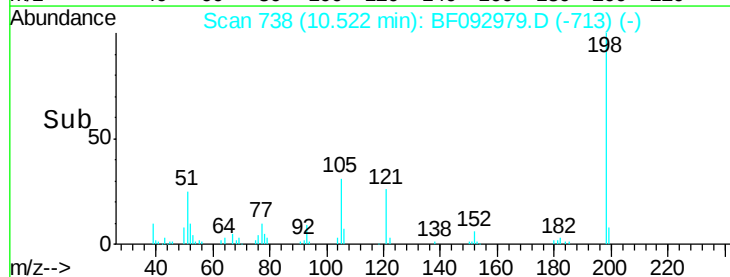
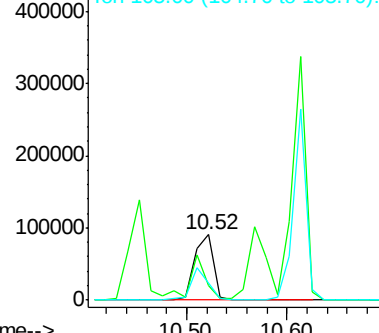
105 26.8 16.6 56.6

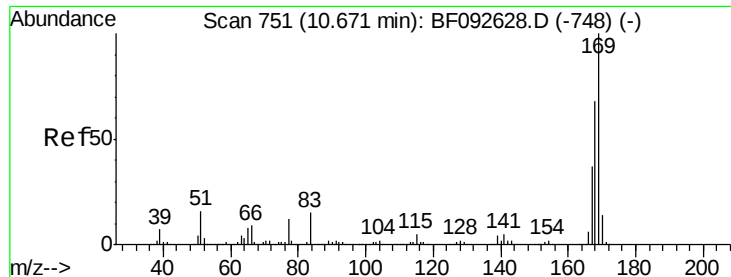


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

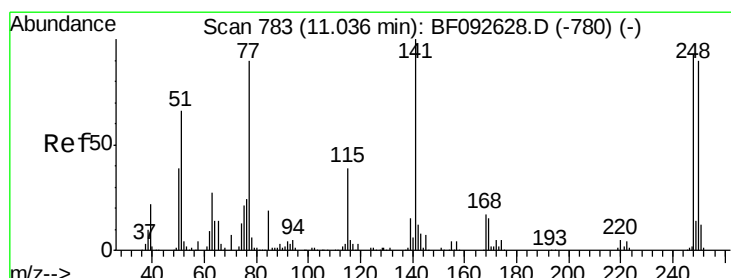
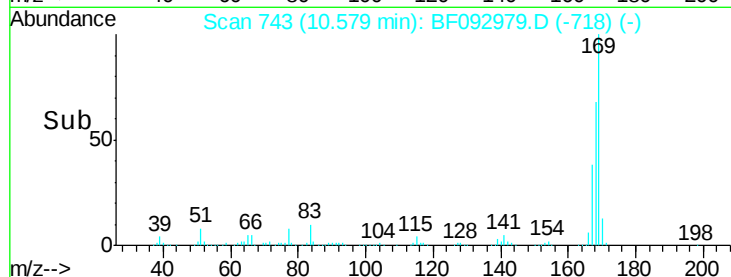
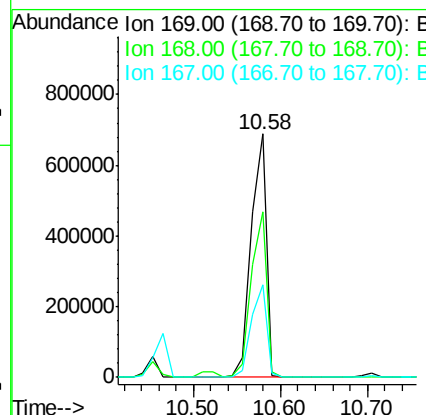
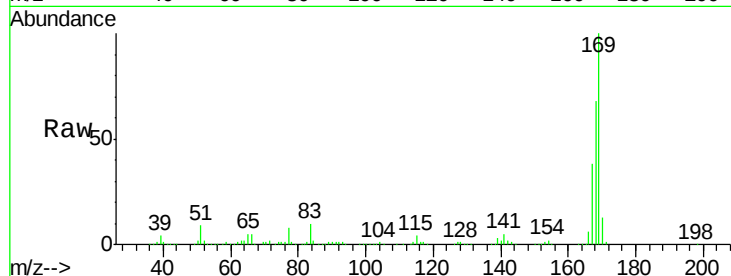




#65
n-Nitrosodiphenylamine
Concen: 55.92 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF092979.D
Acq: 16 Feb 2017 6:27

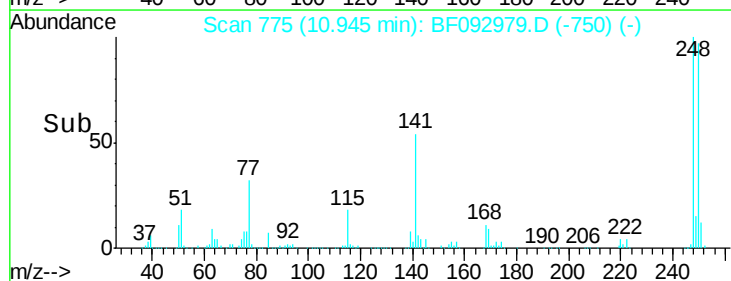
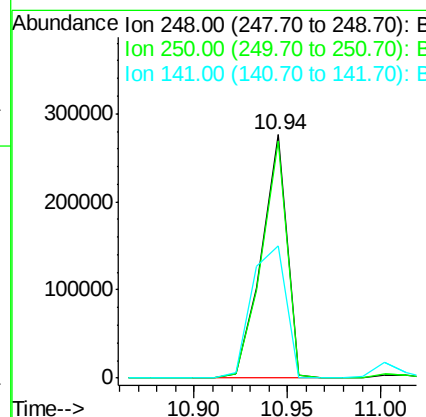
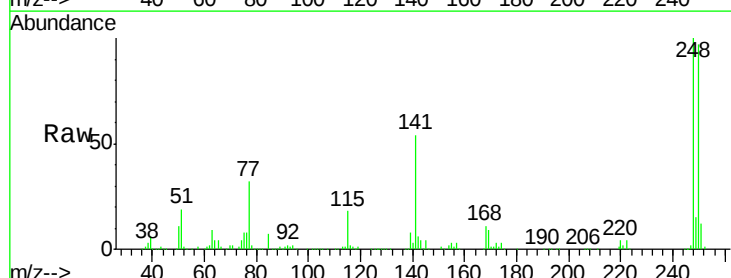
Instrument :
BNA_F
ClientSampleId :
38-WCS021017-0-15MS

Tgt Ion:169 Resp: 843118
Ion Ratio Lower Upper
169 100
168 68.1 54.2 81.2
167 38.0 30.2 45.4



#66
4-Bromophenyl-phenylether
Concen: 53.75 ng
RT: 10.94 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF092979.D
Acq: 16 Feb 2017 6:27

Tgt Ion:248 Resp: 265043
Ion Ratio Lower Upper
248 100
250 97.4 76.9 115.3
141 54.3 68.2 102.4#

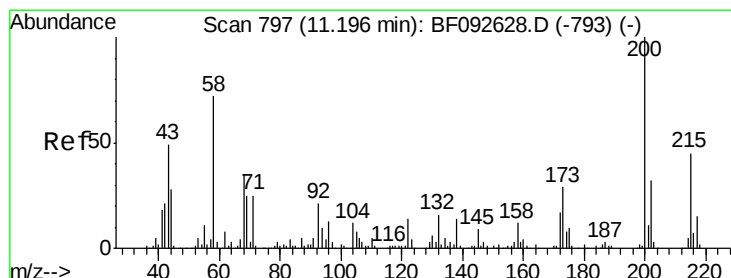
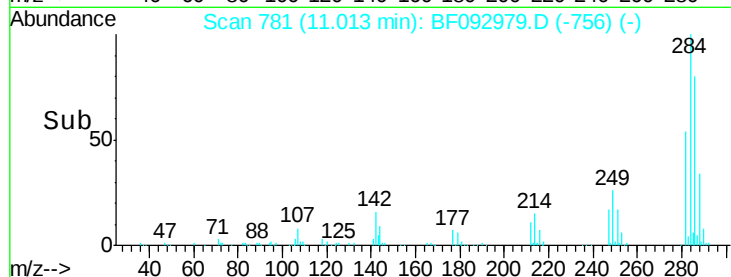
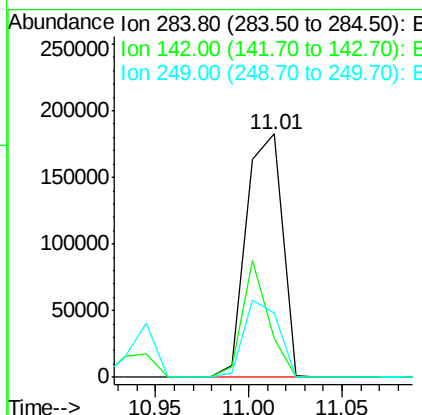
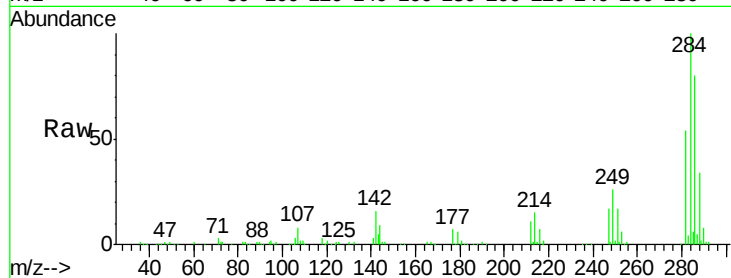




#67
Hexachlorobenzene
Concen: 50.13 ng
RT: 11.01 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF092979.D
Acq: 16 Feb 2017 6:27

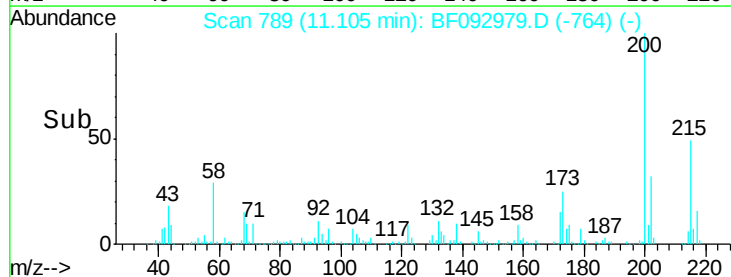
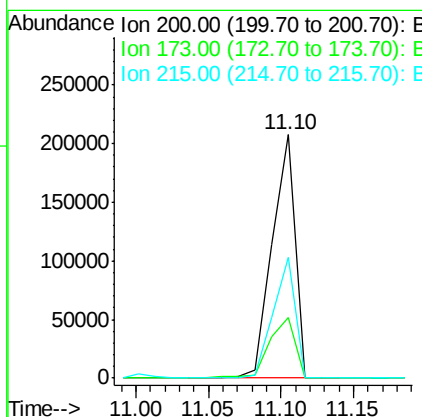
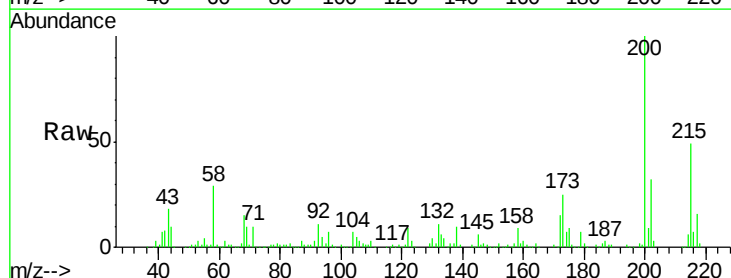
Instrument :
BNA_F
ClientSampleId :
38-WCS021017-0-15MS

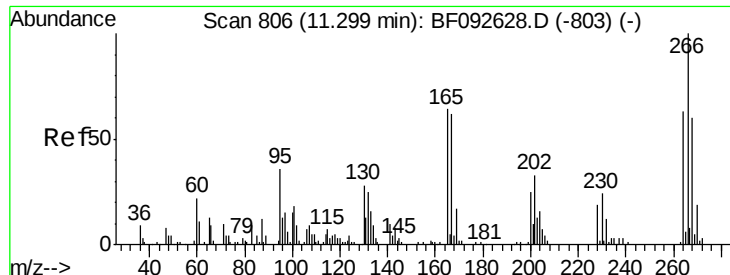
Tgt Ion	Ratio	Lower	Upper
284	100		
142	15.8	22.6	33.8#
249	26.4	25.4	38.0



#68
Atrazine
Concen: 46.89 ng
RT: 11.10 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF092979.D
Acq: 16 Feb 2017 6:27

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.0	9.6	49.6
215	49.4	25.7	65.7

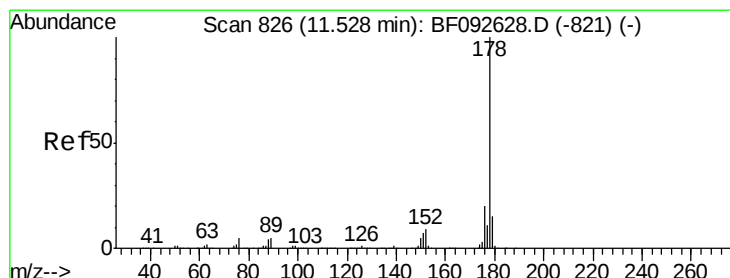
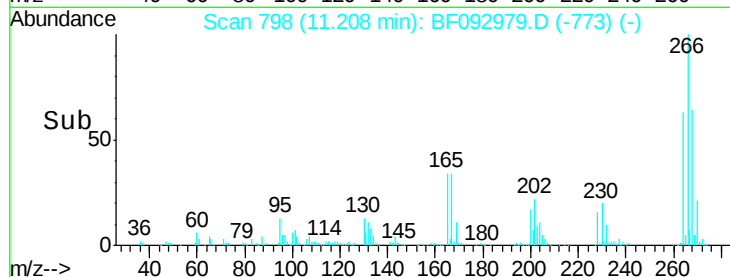
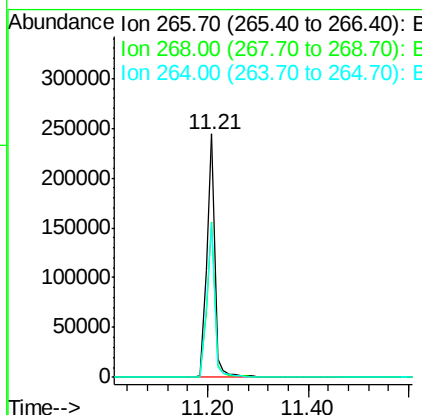
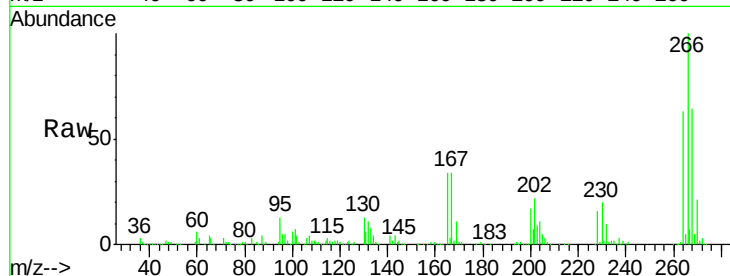




#69
 Pentachlorophenol
 Concen: 106.17 ng
 RT: 11.21 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF092979.D
 Acq: 16 Feb 2017 6:27

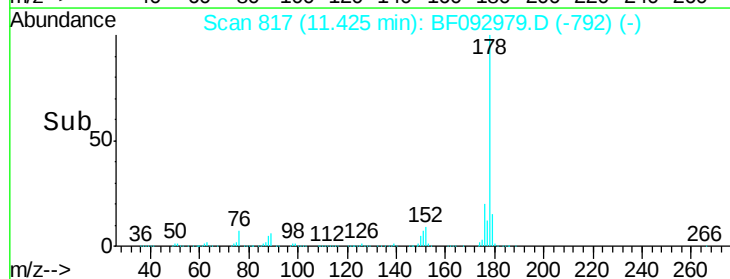
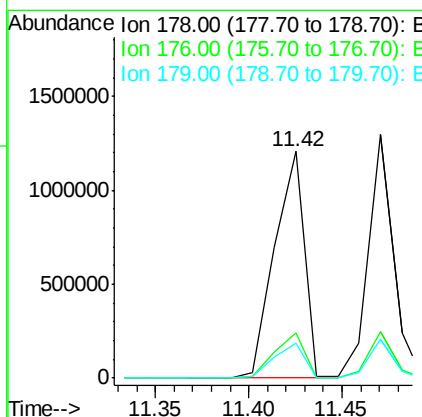
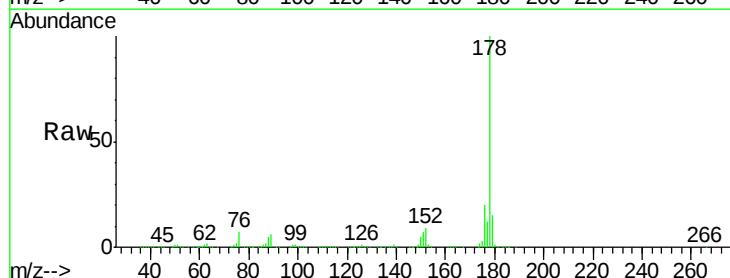
Instrument :
 BNA_F
 ClientSampleId :
 38-WCS021017-0-15MS

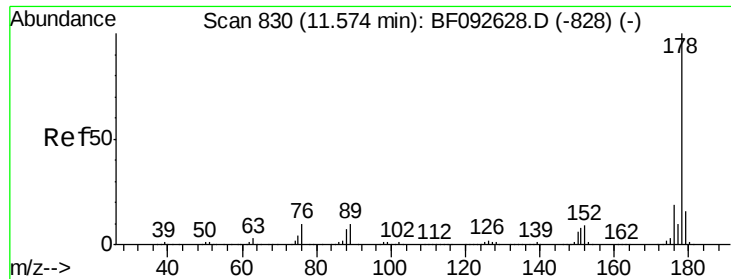
Tgt Ion: 266 Resp: 273593
 Ion Ratio Lower Upper
 266 100
 268 63.9 53.3 79.9
 264 63.4 50.3 75.5



#70
 Phenanthrene
 Concen: 49.72 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF092979.D
 Acq: 16 Feb 2017 6:27

Tgt Ion: 178 Resp: 1344516
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.6 25.0
 179 15.2 12.8 19.2

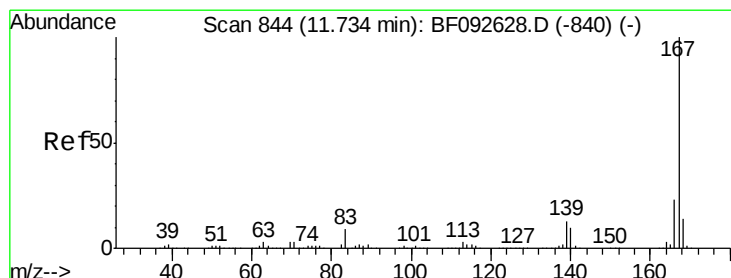
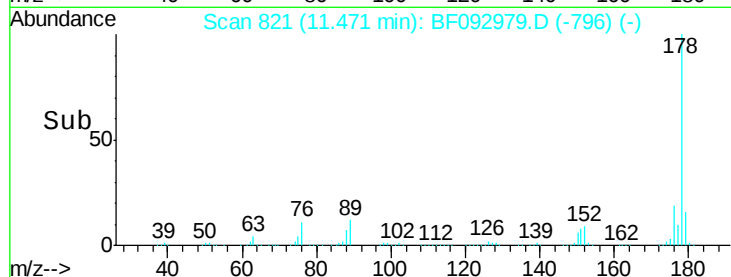
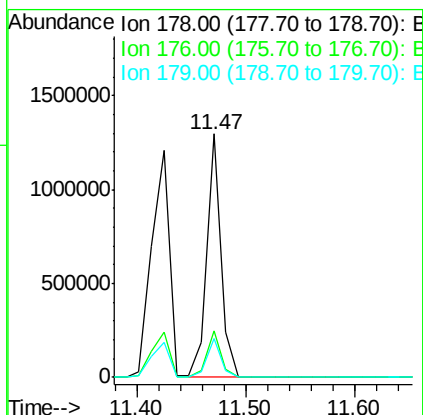
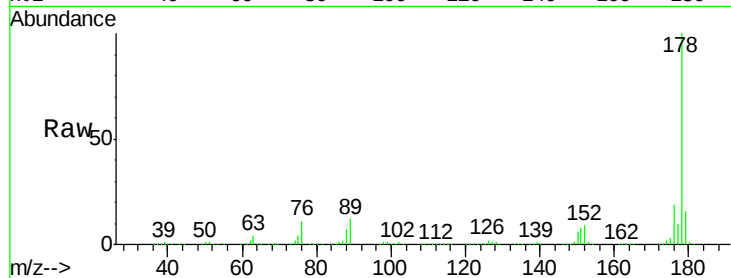




#71
 Anthracene
 Concen: 43.78 ng
 RT: 11.47 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF092979.D
 Acq: 16 Feb 2017 6:27

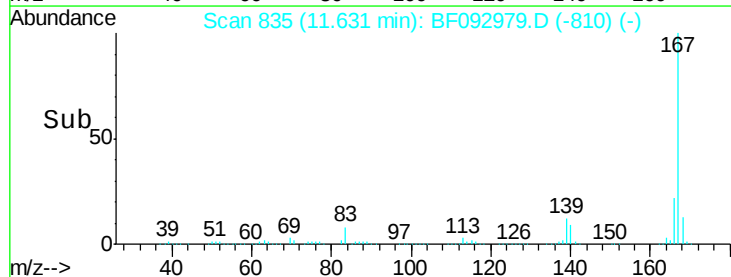
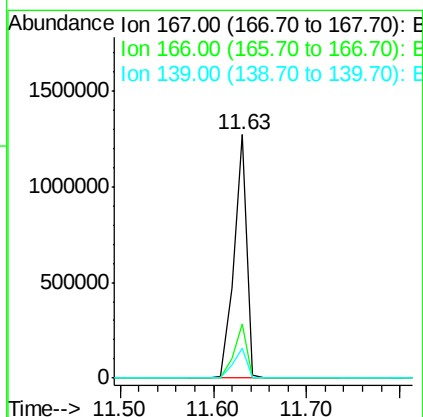
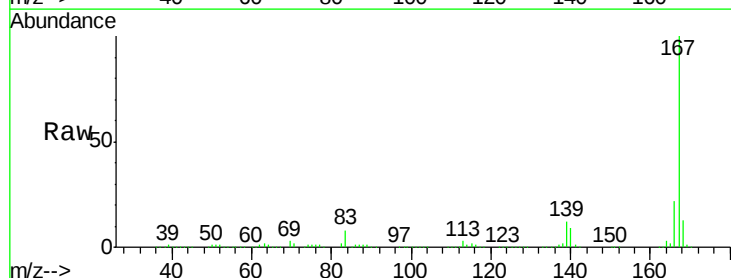
Instrument :
 BNA_F
 ClientSampleId :
 38-WCS021017-0-15MS

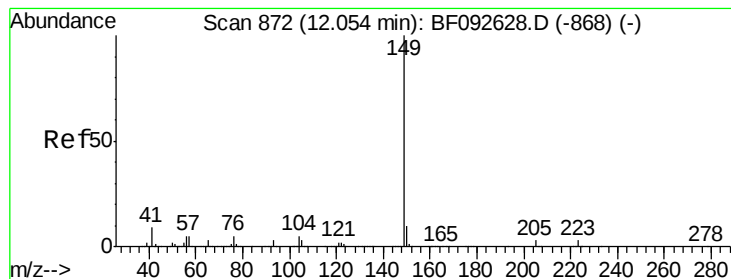
Tgt Ion:178 Resp: 1188916
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.9 23.9
 179 15.7 13.2 19.8



#72
 Carbazole
 Concen: 47.21 ng
 RT: 11.63 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BF092979.D
 Acq: 16 Feb 2017 6:27

Tgt Ion:167 Resp: 1225535
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.2 27.2
 139 12.5 11.4 17.2





#73

Di-n-butylphthalate

Concen: 53.96 ng

RT: 11.96 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF092979.D

Acq: 16 Feb 2017 6:27

Instrument :

BNA_F

ClientSampleId :

38-WCS021017-0-15MS

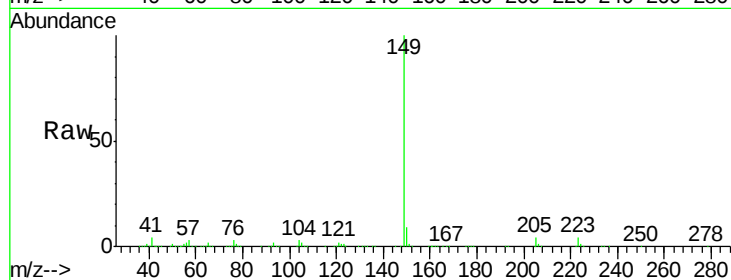
Tgt Ion:149 Resp: 1514855

Ion Ratio Lower Upper

149 100

150 8.8 8.1 12.1

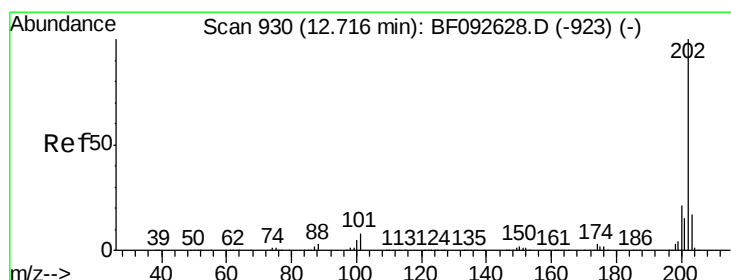
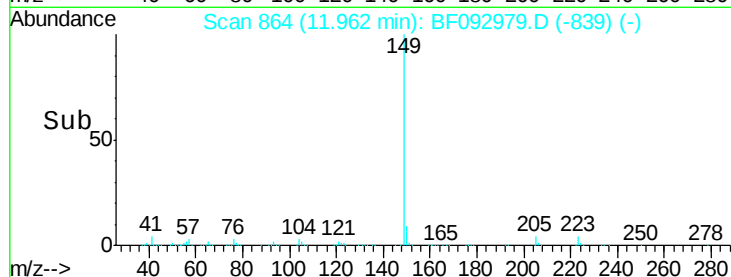
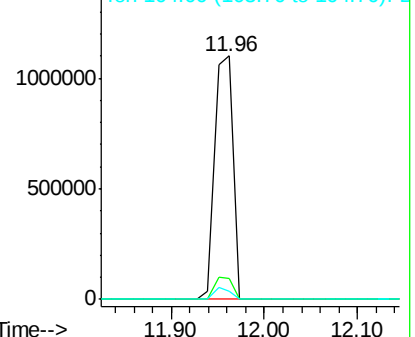
104 3.2 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E

1500000 Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.07 ng

RT: 12.60 min Scan# 920

Delta R.T. -0.02 min

Lab File: BF092979.D

Acq: 16 Feb 2017 6:27

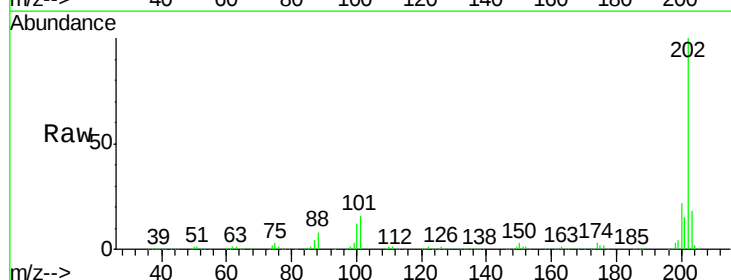
Tgt Ion:202 Resp: 1089932

Ion Ratio Lower Upper

202 100

101 15.8 0.0 34.6

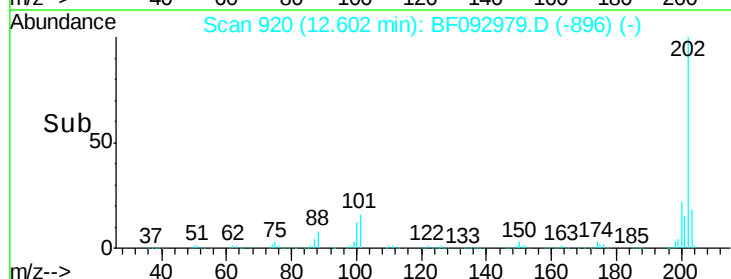
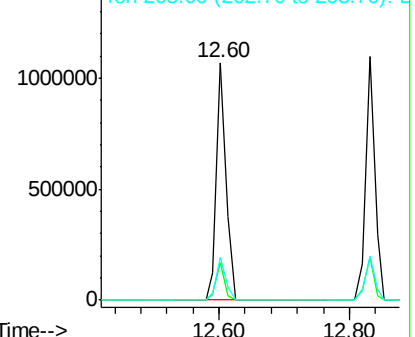
203 17.7 0.0 38.7

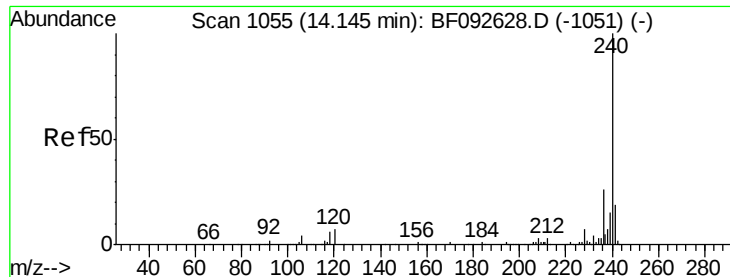


Abundance Ion 202.00 (201.70 to 202.70): E

1500000 Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BF092979.D

Acq: 16 Feb 2017 6:27

Instrument :

BNA_F

ClientSampleId :

38-WCS021017-0-15MS

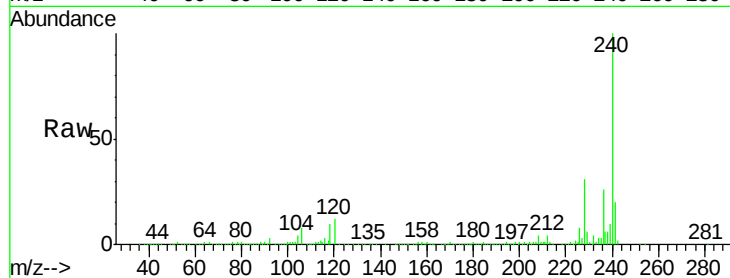
Tgt Ion:240 Resp: 346136

Ion Ratio Lower Upper

240 100

120 11.7 12.9 19.3#

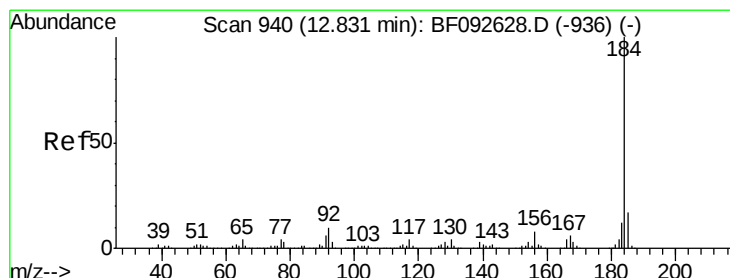
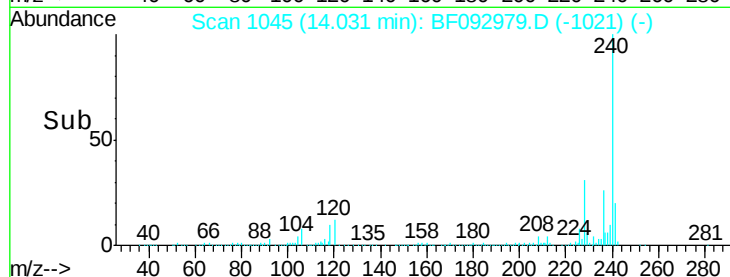
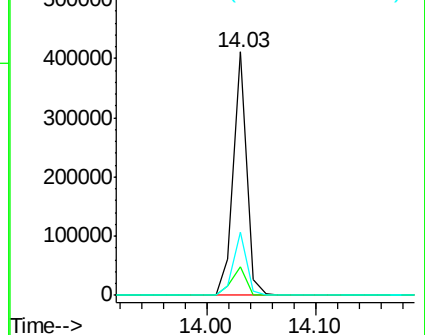
236 25.9 20.9 31.3



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: 5.32 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF092979.D

Acq: 16 Feb 2017 6:27

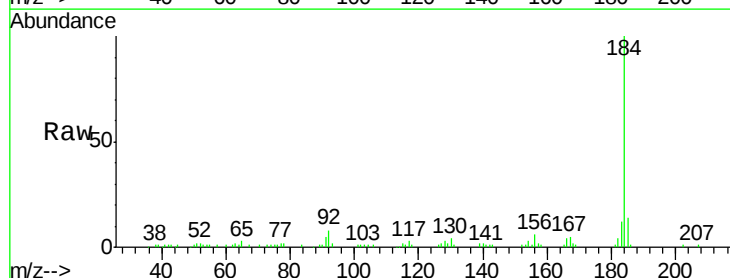
Tgt Ion:184 Resp: 78429

Ion Ratio Lower Upper

184 100

185 14.2 13.4 20.0

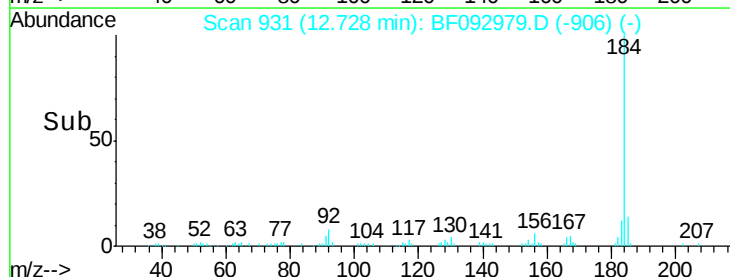
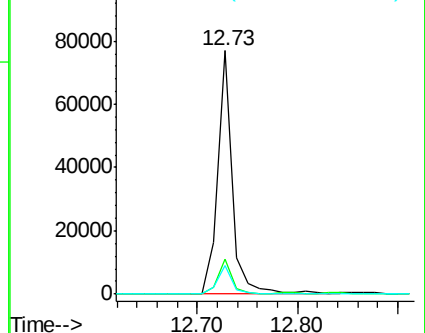
183 11.5 9.2 13.8

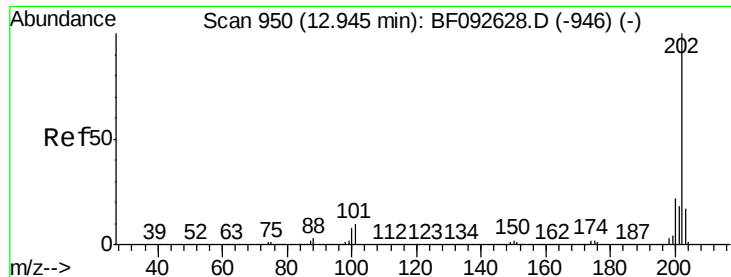


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

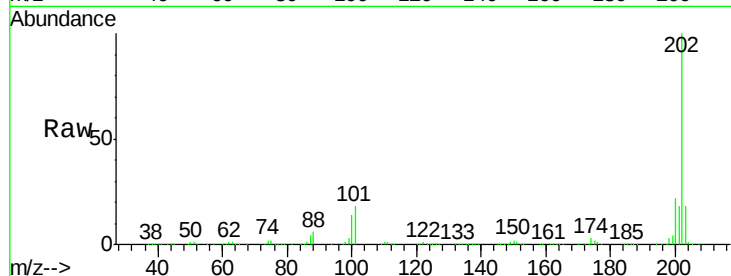




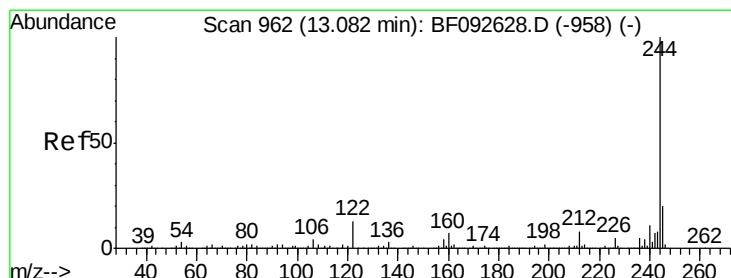
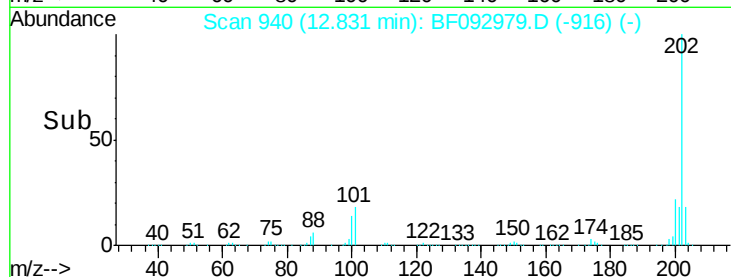
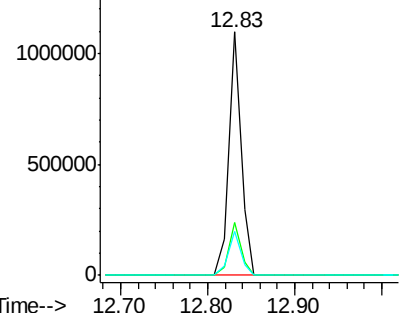
#77
 Pyrene
 Concen: 41.78 ng
 RT: 12.83 min Scan# 940
 Delta R.T. -0.02 min
 Lab File: BF092979.D
 Acq: 16 Feb 2017 6:27

Instrument :
 BNA_F
 ClientSampleId :
 38-WCS021017-0-15MS

Tgt Ion: 202 Resp: 1082199
 Ion Ratio Lower Upper
 202 100
 200 22.0 17.7 26.5
 203 17.8 14.7 22.1

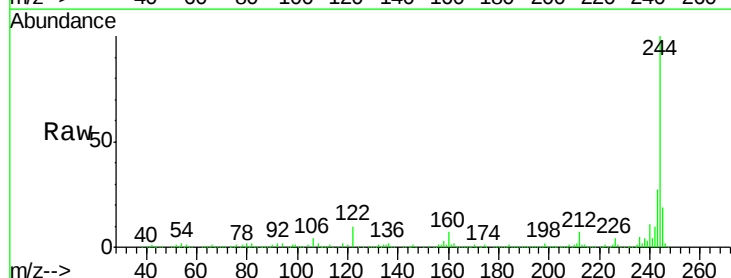


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

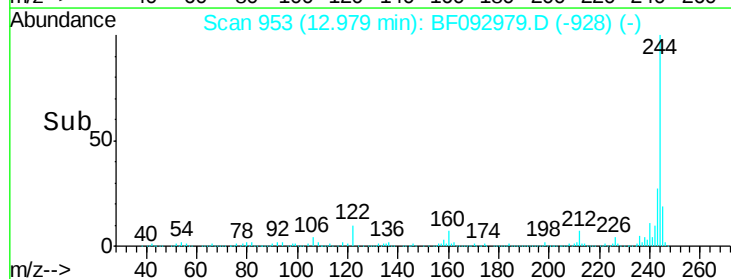
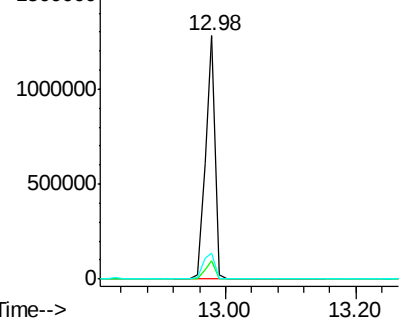


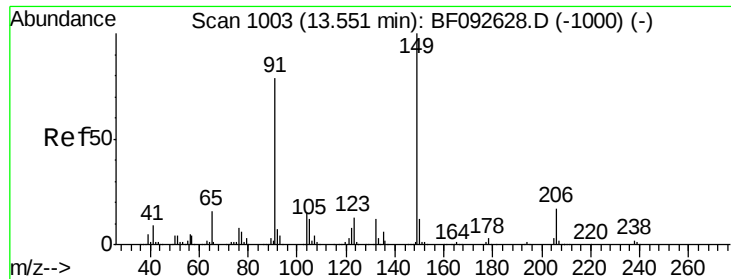
#78
 Terphenyl-d14
 Concen: 90.62 ng
 RT: 12.98 min Scan# 953
 Delta R.T. -0.01 min
 Lab File: BF092979.D
 Acq: 16 Feb 2017 6:27

Tgt Ion: 244 Resp: 1334913
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 10.5 11.4 17.2#



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

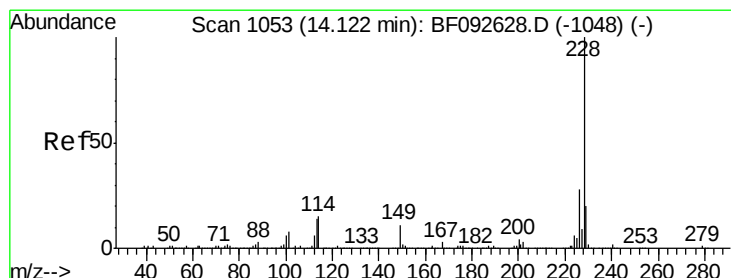
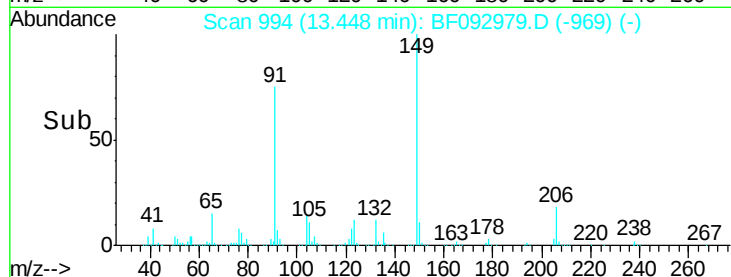
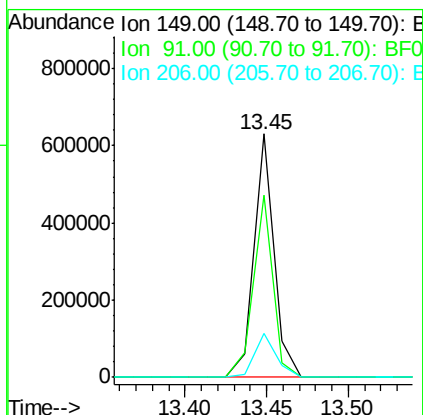
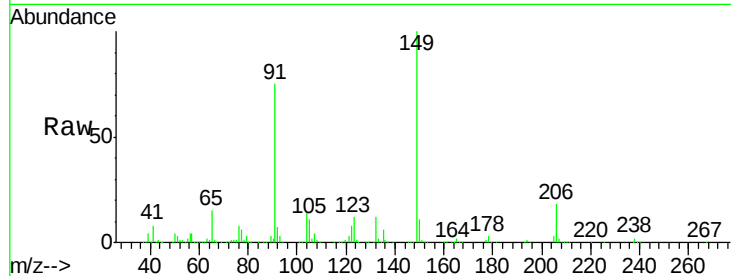




#79
Butylbenzylphthalate
Concen: 51.37 ng
RT: 13.45 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF092979.D
Acq: 16 Feb 2017 6:27

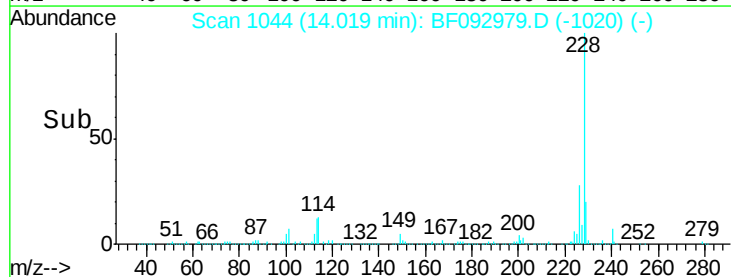
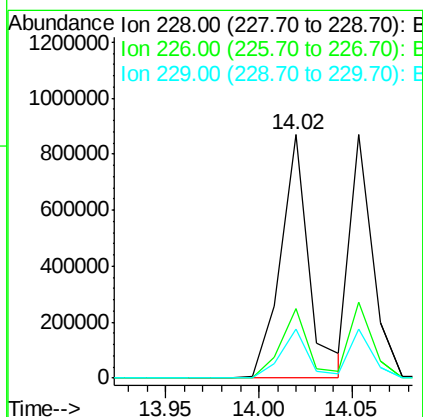
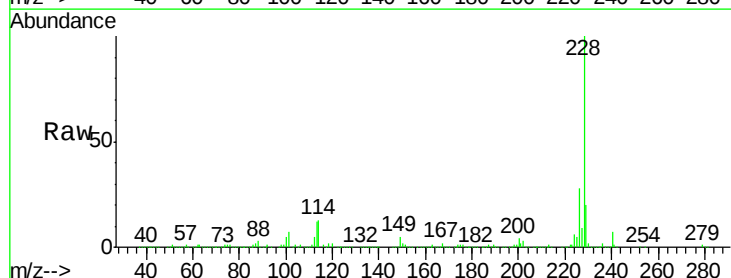
Instrument :
BNA_F
ClientSampleId :
38-WCS021017-0-15MS

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.9	63.9	95.9
206	18.0	14.6	21.8



#80
Benzo(a)anthracene
Concen: 43.69 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BF092979.D
Acq: 16 Feb 2017 6:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.4	33.6
229	20.1	16.2	24.4

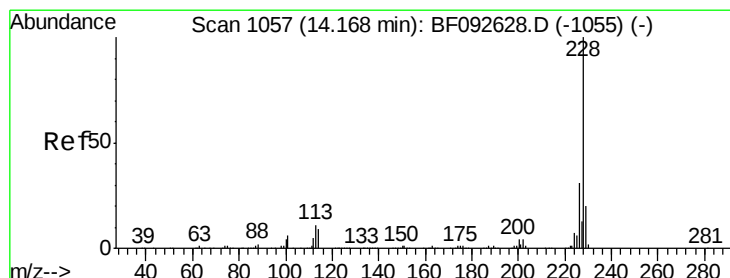
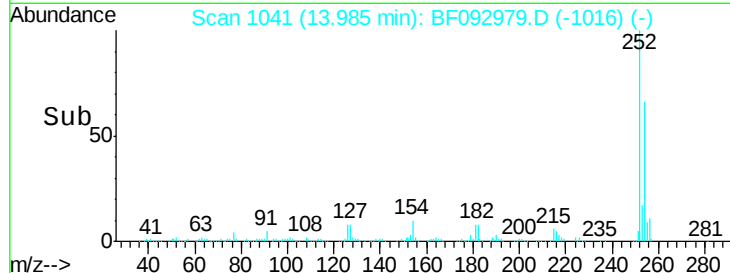
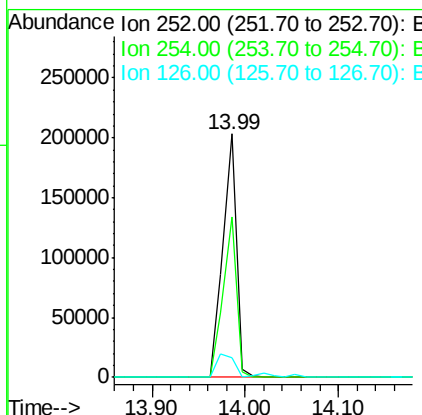
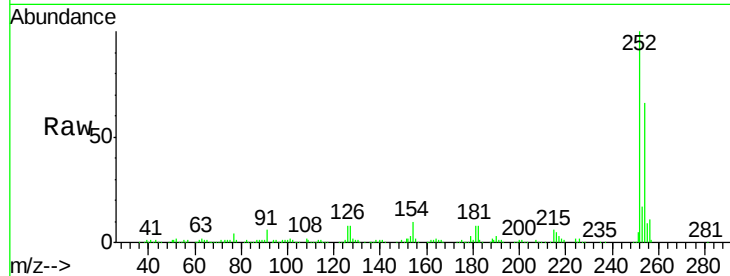




#81
 3,3'-Dichlorobenzidine
 Concen: 27.43 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF092979.D
 Acq: 16 Feb 2017 6:27

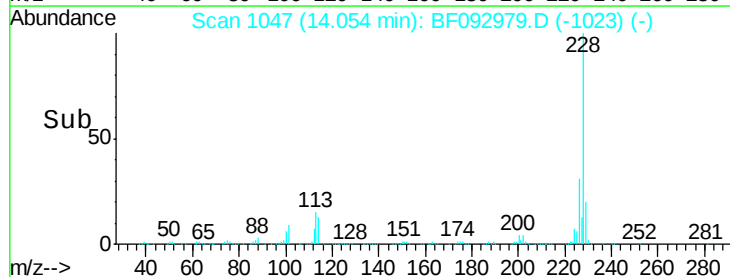
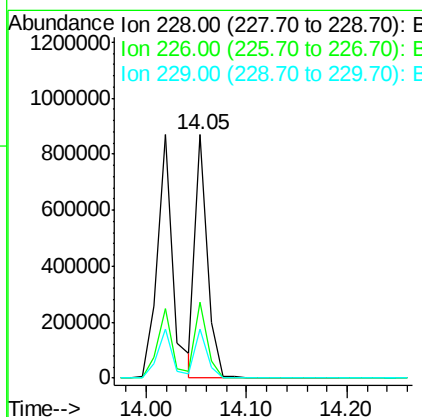
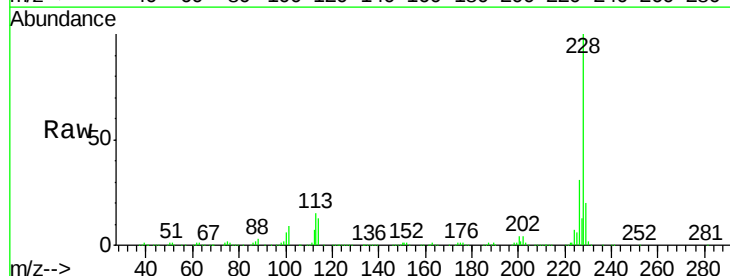
Instrument :
 BNA_F
 ClientSampleId :
 38-WCS021017-0-15MS

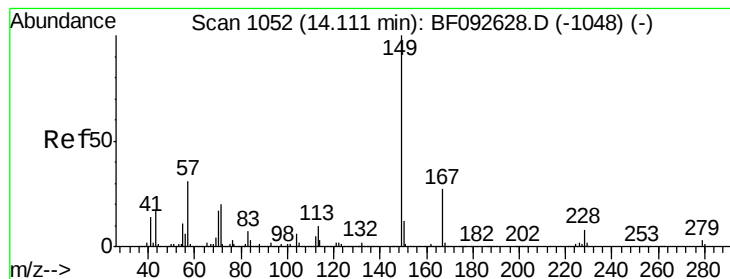
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.6	52.3	78.5
126	8.3	13.6	20.4



#82
 Chrysene
 Concen: 37.62 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.02 min
 Lab File: BF092979.D
 Acq: 16 Feb 2017 6:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.4	38.0
229	20.1	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.26 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF092979.D

Acq: 16 Feb 2017 6:27

Instrument :

BNA_F

ClientSampleId :

38-WCS021017-0-15MS

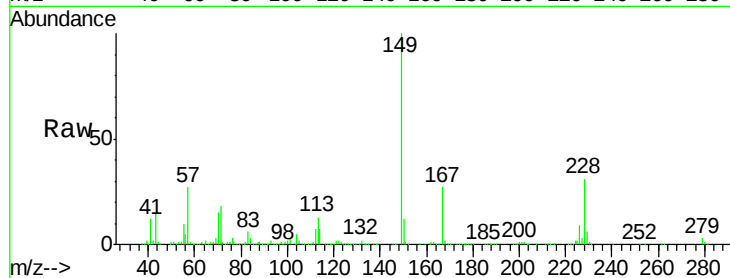
Tgt Ion:149 Resp: 751812

Ion Ratio Lower Upper

149 100

167 26.9 20.2 30.4

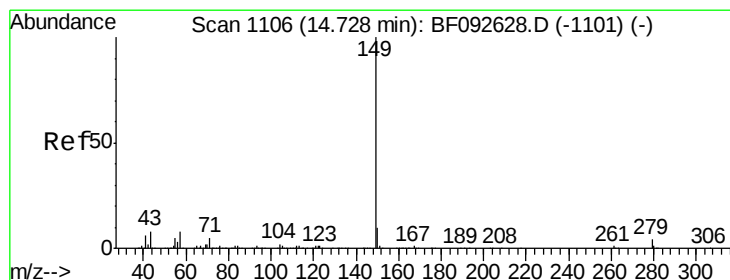
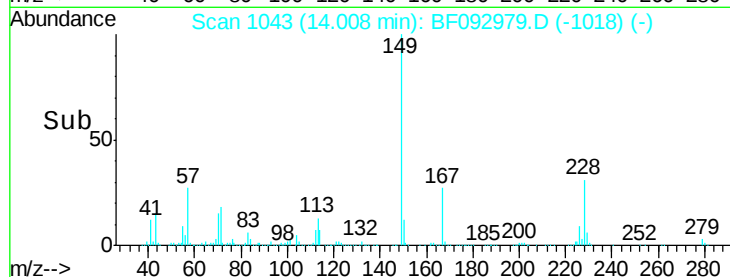
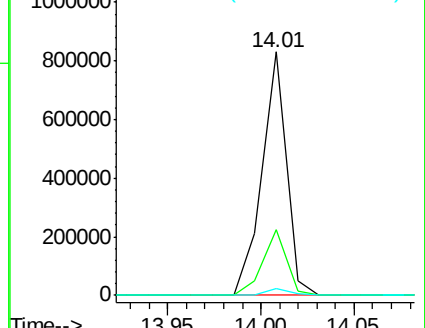
279 3.0 1.8 2.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 52.28 ng

RT: 14.61 min Scan# 1096

Delta R.T. -0.02 min

Lab File: BF092979.D

Acq: 16 Feb 2017 6:27

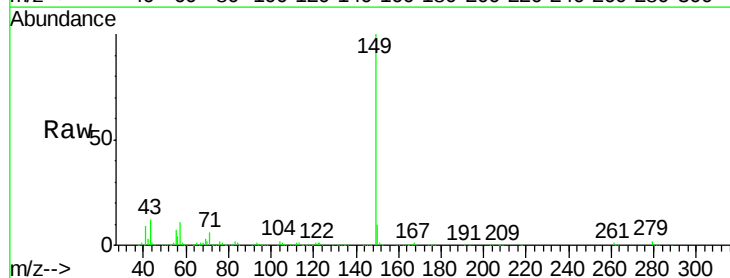
Tgt Ion:149 Resp: 1224739

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

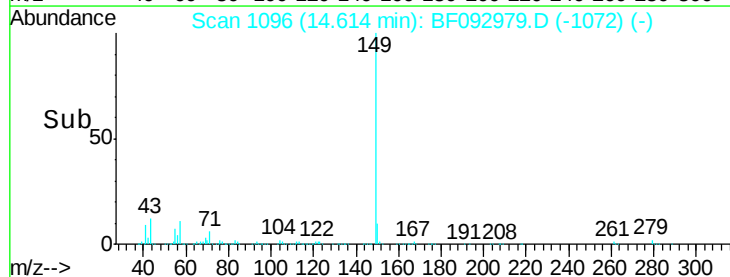
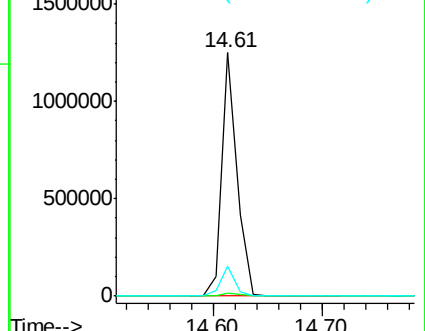
43 11.3 8.9 13.3

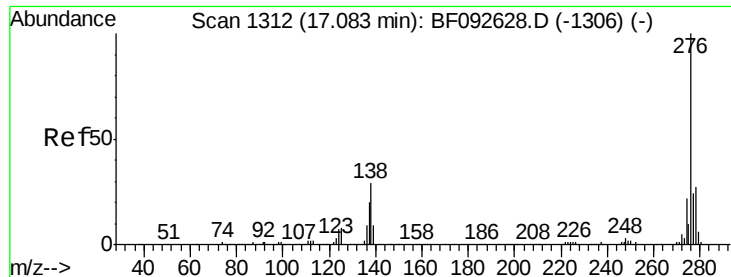


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

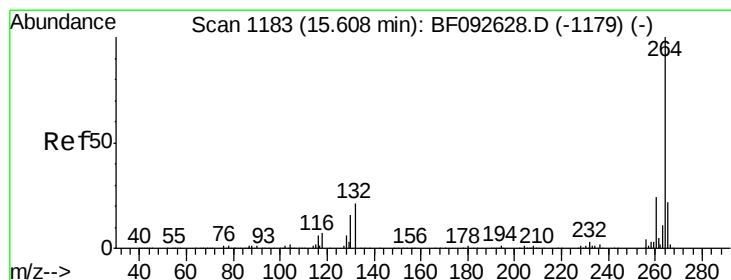
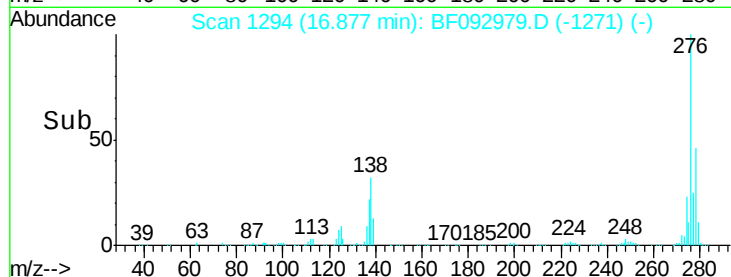
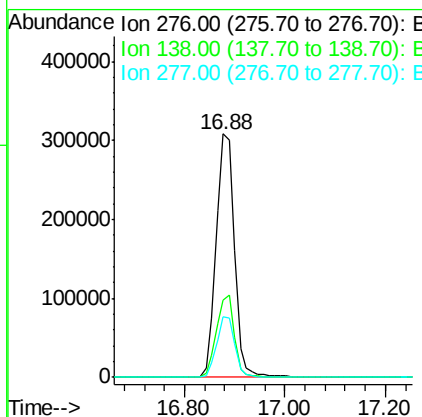
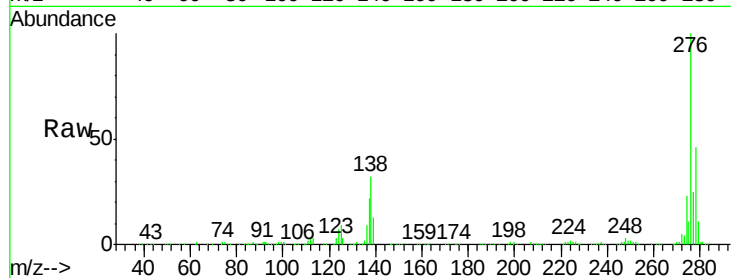




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.15 ng
 RT: 16.88 min Scan# 1294
 Delta R.T. -0.03 min
 Lab File: BF092979.D
 Acq: 16 Feb 2017 6:27

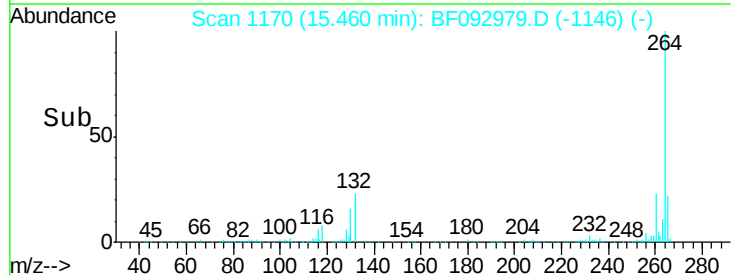
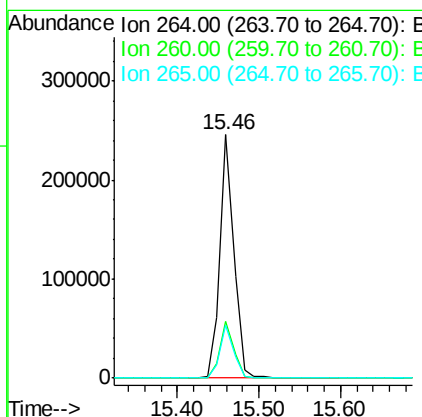
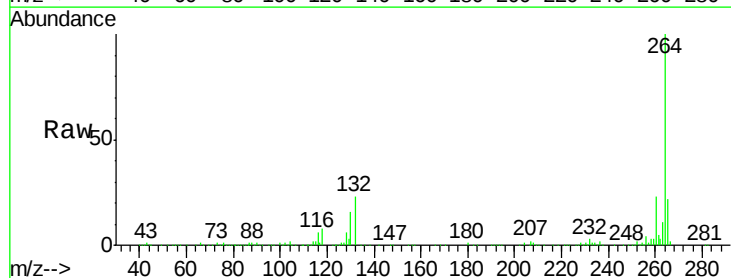
Instrument :
 BNA_F
 ClientSampleId :
 38-WCS021017-0-15MS

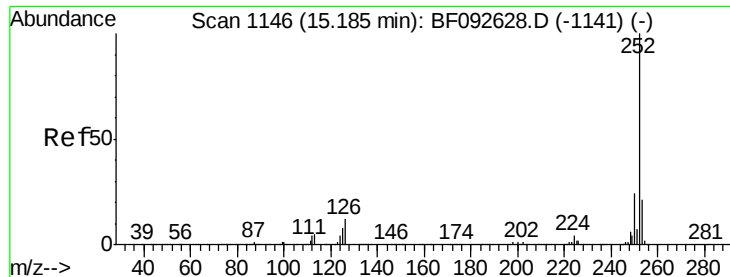
Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.0	21.8	32.6#
277	24.9	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 1170
 Delta R.T. -0.02 min
 Lab File: BF092979.D
 Acq: 16 Feb 2017 6:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.6	17.4	26.0

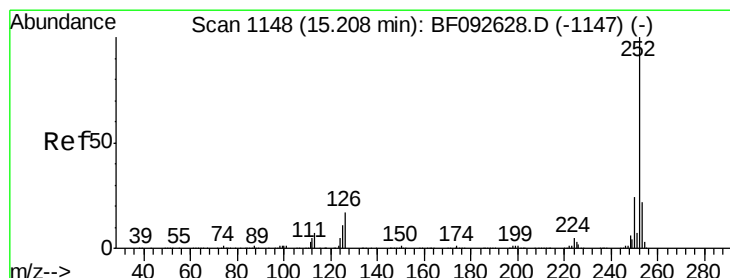
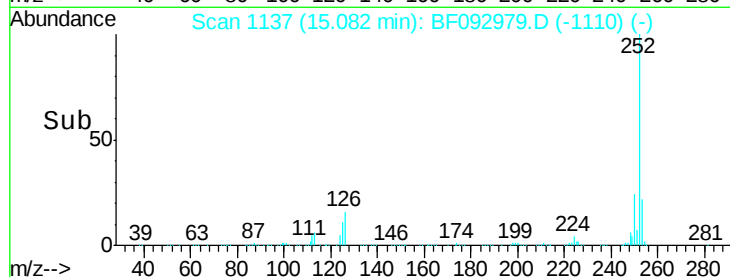
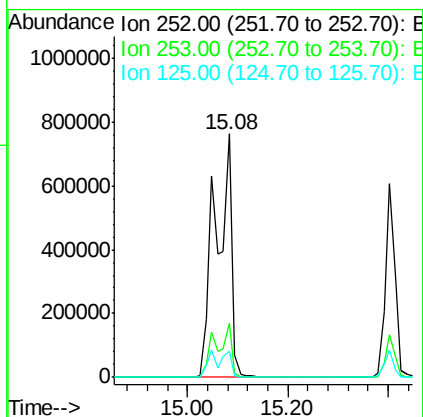
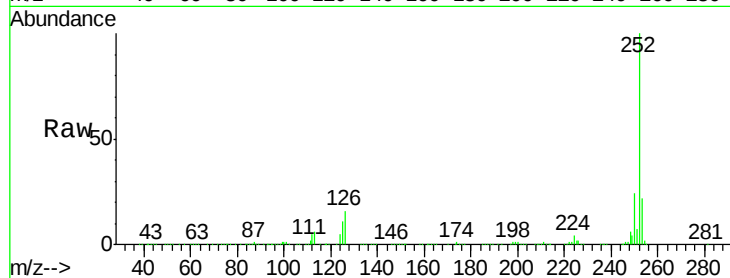




#87
Benzo(b)fluoranthene
Concen: 88.54 ng
RT: 15.08 min Scan# 1137
Delta R.T. 0.01 min
Lab File: BF092979.D
Acq: 16 Feb 2017 6:27

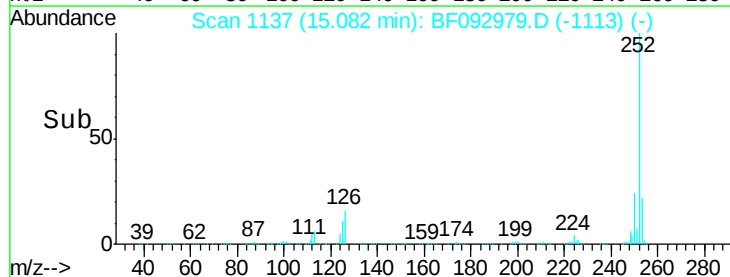
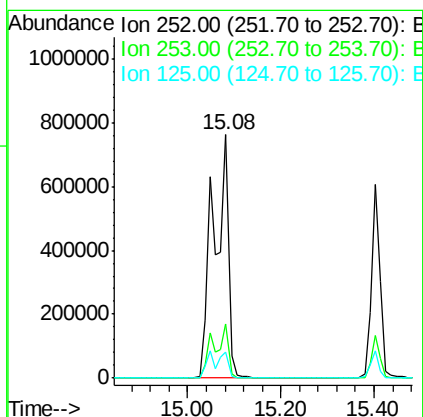
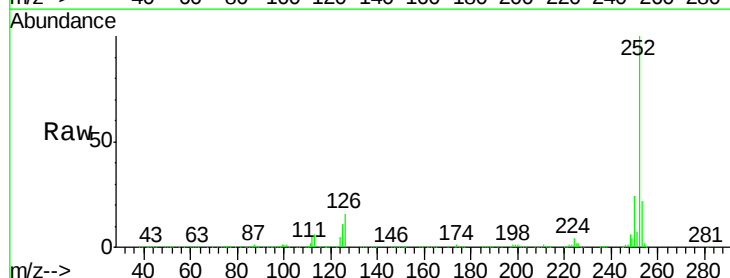
Instrument :
BNA_F
ClientSampleId :
38-WCS021017-0-15MS

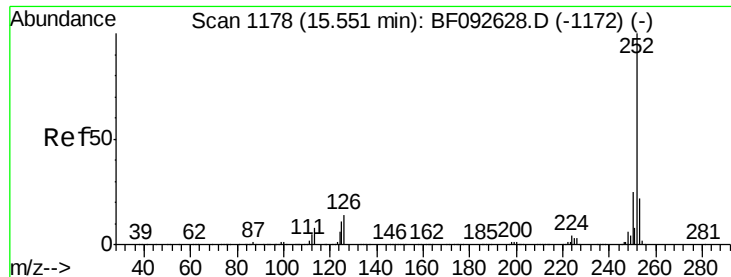
Tgt Ion:252 Resp: 1695193
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.4
125 10.7 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 102.58 ng
RT: 15.08 min Scan# 1137
Delta R.T. -0.02 min
Lab File: BF092979.D
Acq: 16 Feb 2017 6:27

Tgt Ion:252 Resp: 1695766
Ion Ratio Lower Upper
252 100
253 22.2 18.5 27.7
125 10.7 8.9 13.3

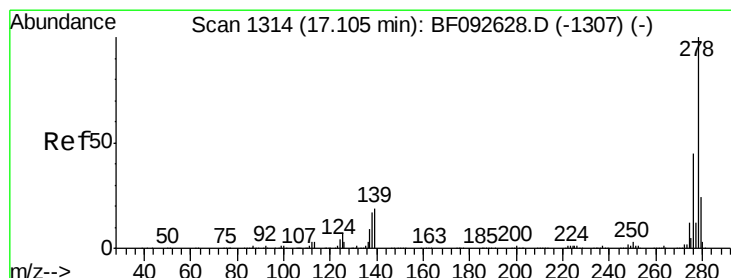
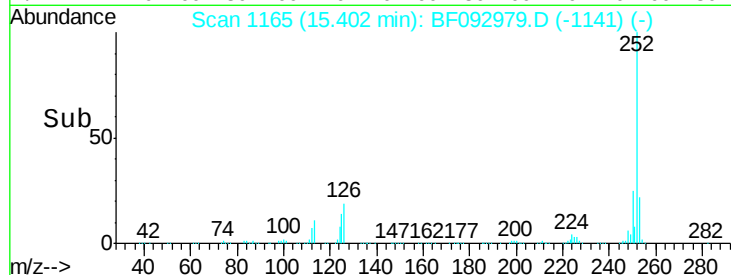
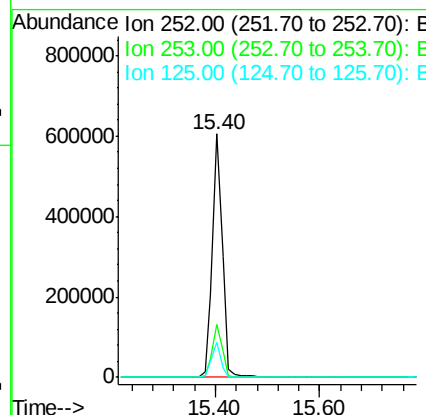
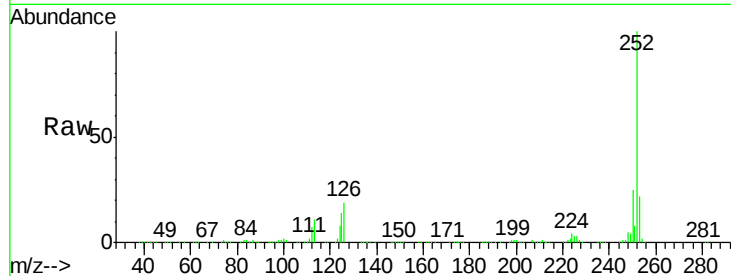




#89
Benzo(a)pyrene
Concen: 48.45 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.02 min
Lab File: BF092979.D
Acq: 16 Feb 2017 6:27

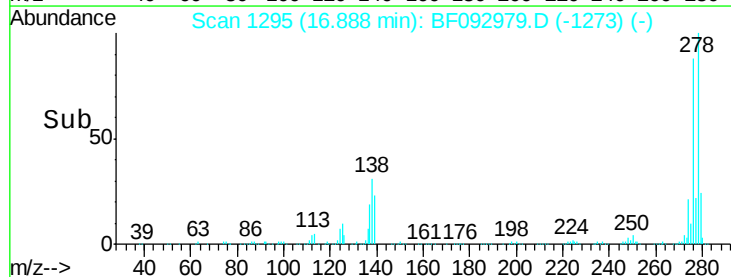
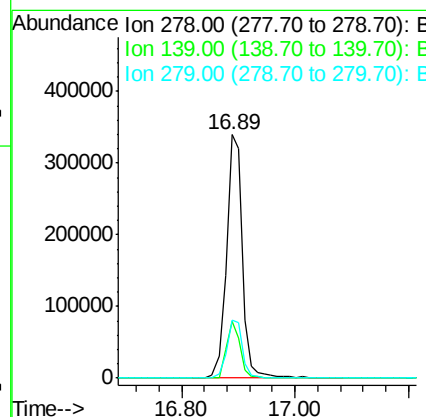
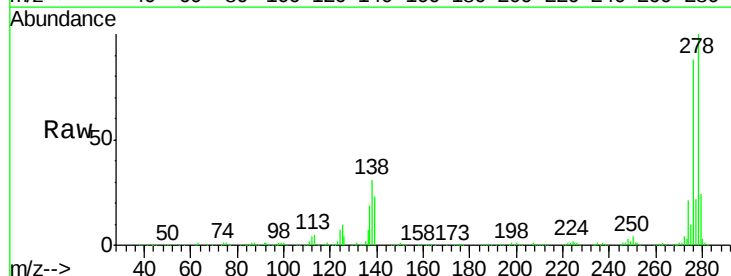
Instrument :
BNA_F
ClientSampleId :
38-WCS021017-0-15MS

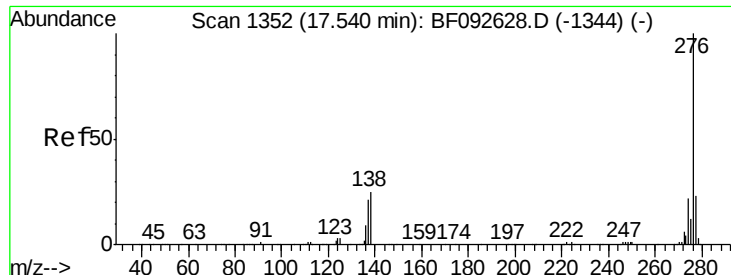
Tgt Ion: 252 Resp: 802400
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.2
125 14.4 10.0 15.0



#90
Dibenzo(a,h)anthracene
Concen: 49.69 ng
RT: 16.89 min Scan# 1295
Delta R.T. -0.05 min
Lab File: BF092979.D
Acq: 16 Feb 2017 6:27

Tgt Ion: 278 Resp: 665153
Ion Ratio Lower Upper
278 100
139 23.1 14.8 22.2#
279 23.7 19.8 29.6





#91

Benzo(g,h,i)perylene

Concen: 47.33 ng

RT: 17.31 min Scan# 1332

Delta R.T. -0.03 min

Lab File: BF092979.D

Acq: 16 Feb 2017 6:27

Instrument :

BNA_F

ClientSampleId :

38-WCS021017-0-15MS

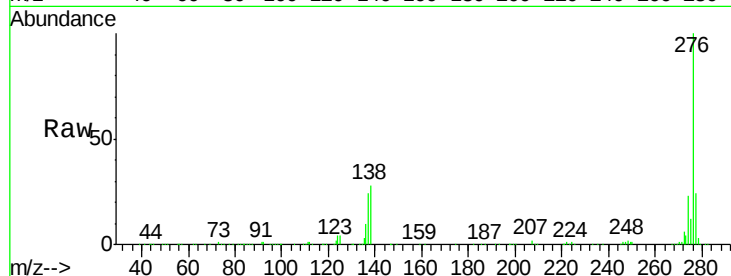
Tgt Ion: 276 Resp: 640039

Ion Ratio Lower Upper

276 100

277 24.2 19.2 28.8

138 28.3 16.0 24.0#



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

