

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
 Data File : BF097024.D
 Acq On : 25 Jul 2017 12:58
 Operator : SJ/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072517

Quant Time: Jul 25 14:12:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	132589	20.00	ng	0.00
21) Naphthalene-d8	7.79	136	550298	20.00	ng	0.00
38) Acenaphthene-d10	9.53	164	225242	20.00	ng	0.00
63) Phenanthrene-d10	11.00	188	392046	20.00	ng	0.00
75) Chrysene-d12	13.63	240	242847	20.00	ng	0.00
86) Perylene-d12	14.97	264	231511	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.10	112	683282	77.69	ng	0.00
7) Phenol-d6	6.17	99	793573	79.03	ng	0.00
23) Nitrobenzene-d5	7.07	82	717016	76.44	ng	0.00
41) 2,4,6-Tribromophenol	10.32	330	142021	79.80	ng	0.00
44) 2-Fluorobiphenyl	8.87	172	1090730	82.18	ng	0.00
78) Terphenyl-d14	12.59	244	982720	82.51	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.05	88	153399	41.794	ng	# 76
3) Pyridine	2.66	79	470605	41.872	ng	# 66
4) n-Nitrosodimethylamine	2.62	42	251853	40.449	ng	# 85
6) Aniline	6.16	93	501984	39.728	ng	# 80
8) 2-Chlorophenol	6.29	128	377396	40.128	ng	# 96
9) Benzaldehyde	6.05	77	232486	39.117	ng	# 99
10) Phenol	6.18	94	489010	41.059	ng	# 95
11) bis(2-Chloroethyl)ether	6.25	93	393026	41.723	ng	# 90
12) 1,3-Dichlorobenzene	6.44	146	406486	40.107	ng	# 98
13) 1,4-Dichlorobenzene	6.52	146	406039	40.425	ng	# 95
14) 1,2-Dichlorobenzene	6.67	146	362039	41.282	ng	# 97
15) Benzyl Alcohol	6.66	79	253559	39.885	ng	# 99
16) 2,2'-oxybis(1-Chloropropan	6.79	45	750048	39.699	ng	# 87
17) 2-Methylphenol	6.79	107	284546	39.202	ng	# 91
18) Hexachloroethane	7.01	117	141190	38.423	ng	# 80
19) n-Nitroso-di-n-propylamine	6.93	70	259686	39.291	ng	# 83
20) 3+4-Methylphenols	6.95	107	384783	40.589	ng	# 62
22) Acetophenone	6.92	105	526901	39.871	ng	# 98
24) Nitrobenzene	7.09	77	382126	39.114	ng	# 94
25) Isophorone	7.34	82	666131	36.261	ng	# 96
26) 2-Nitrophenol	7.41	139	215258	40.726	ng	# 92
27) 2,4-Dimethylphenol	7.46	122	326482	37.445	ng	# 98
28) bis(2-Chloroethoxy)methane	7.55	93	467461	38.993	ng	# 98
29) 2,4-Dichlorophenol	7.66	162	305165	40.628	ng	# 97
30) 1,2,4-Trichlorobenzene	7.73	180	290601	40.590	ng	# 97
31) Naphthalene	7.81	128	1030866	39.740	ng	# 99
32) Benzoic acid	7.63	122	264186	40.578	ng	# 98
33) 4-Chloroaniline	7.86	127	389937	36.943	ng	# 99
34) Hexachlorobutadiene	7.93	225	142421	37.523	ng	# 99
35) Caprolactam	8.25	113	87732	36.426	ng	# 61
36) 4-Chloro-3-methylphenol	8.37	107	302135	36.870	ng	# 93
37) 2-Methylnaphthalene	8.50	142	602520	36.685	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	8.67	216	244583	40.696	ng	# 99
40) Hexachlorocyclopentadiene	8.66	237	76648	40.057	ng	# 99

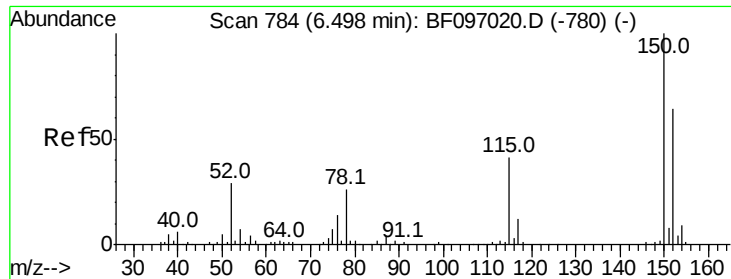
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.79	196	169587	38.938	ng	97
43) 2,4,5-Trichlorophenol	8.83	196	175066	40.159	ng	98
45) 1,1'-Biphenyl	8.96	154	777832	40.430	ng	98
46) 2-Chloronaphthalene	8.98	162	561348	39.650	ng	93
47) 2-Nitroaniline	9.09	65	195684	38.086	ng	95
48) Acenaphthylene	9.39	152	851590	39.188	ng	100
49) Dimethylphthalate	9.27	163	671956	39.285	ng	98
50) 2,6-Dinitrotoluene	9.33	165	148463	40.924	ng	# 84
51) Acenaphthene	9.57	154	500105	39.070	ng	99
52) 3-Nitroaniline	9.50	138	173506	38.532	ng	92
53) 2,4-Dinitrophenol	9.61	184	69607	42.200	ng	# 72
54) Dibenzofuran	9.74	168	675527	39.621	ng	99
55) 4-Nitrophenol	9.68	139	111975	41.816	ng	# 61
56) 2,4-Dinitrotoluene	9.73	165	165469	39.677	ng	# 53
57) Fluorene	10.08	166	521628	40.706	ng	98
58) 2,3,4,6-Tetrachlorophenol	9.86	232	122542	40.712	ng	99
59) Diethylphthalate	9.97	149	638454	40.686	ng	100
60) 4-Chlorophenyl-phenylether	10.07	204	216234	40.864	ng	96
61) 4-Nitroaniline	10.11	138	174879	40.873	ng	91
62) Azobenzene	10.23	77	574822	39.486	ng	94
64) 4,6-Dinitro-2-methylphenol	10.15	198	103393	42.441	ng	91
65) n-Nitrosodiphenylamine	10.20	169	506681	37.144	ng	97
66) 4-Bromophenyl-phenylether	10.56	248	157899	40.358	ng	95
67) Hexachlorobenzene	10.63	284	171440	39.075	ng	# 90
68) Atrazine	10.73	200	156947	40.124	ng	93
69) Pentachlorophenol	10.82	266	70514	38.843	ng	98
70) Phenanthrene	11.03	178	835157	39.758	ng	99
71) Anthracene	11.08	178	828293	38.499	ng	99
72) Carbazole	11.24	167	818334	38.675	ng	99
73) Di-n-butylphthalate	11.58	149	1027137	39.271	ng	99
74) Fluoranthene	12.21	202	785209	38.157	ng	99
76) Benzidine	12.33	184	373982	41.504	ng	98
77) Pyrene	12.43	202	858500	43.182	ng	98
79) Butylbenzylphthalate	13.07	149	456017	45.092	ng	# 81
80) Benzo(a)anthracene	13.62	228	626678	39.882	ng	99
81) 3,3'-Dichlorobenzidine	13.59	252	230612	38.918	ng	# 95
82) Chrysene	13.66	228	609418	39.718	ng	100
83) Bis(2-ethylhexyl)phthalate	13.63	149	540838	40.960	ng	100
84) Di-n-octyl phthalate	14.24	149	1001406	41.327	ng	# 93
85) Indeno(1,2,3-cd)pyrene	16.20	276	476365	36.207	ng	98
87) Benzo(b)fluoranthene	14.62	252	534497	38.407	ng	98
88) Benzo(k)fluoranthene	14.64	252	518469	39.096	ng	97
89) Benzo(a)pyrene	14.92	252	505434	39.683	ng	98
90) Dibenzo(a,h)anthracene	16.21	278	381964	36.570	ng	# 95
91) Benzo(g,h,i)perylene	16.57	276	402706	36.766	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.50 min Scan# 784

Delta R.T. -0.00 min

Lab File: BF097024.D

Acq: 25 Jul 2017 12:58

Instrument :

BNA_F

ClientSampleId :

ICVBF072517

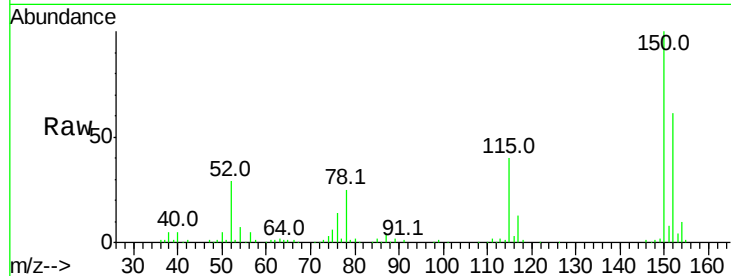
Tot Ion:152 Resp: 132589

Ion Ratio Lower Upper

152 100

150 162.9 126.2 189.2

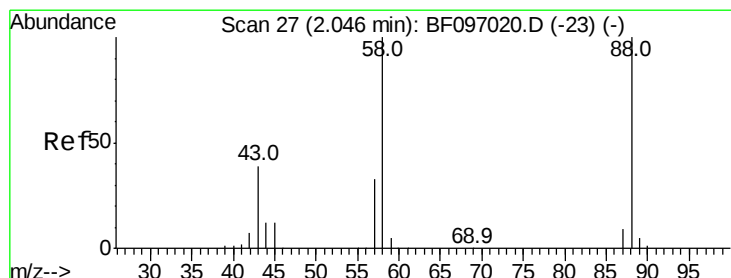
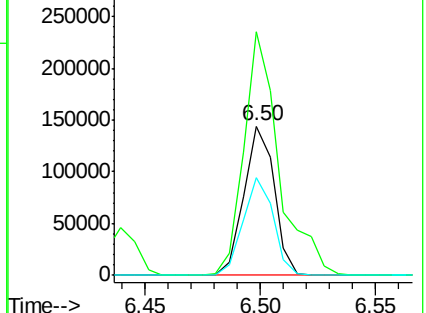
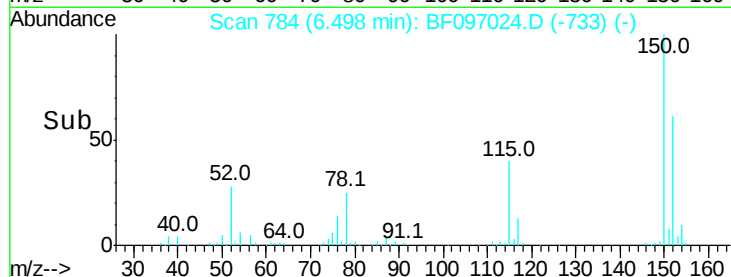
115 65.3 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.794 ng

RT: 2.05 min Scan# 27

Delta R.T. -0.00 min

Lab File: BF097024.D

Acq: 25 Jul 2017 12:58

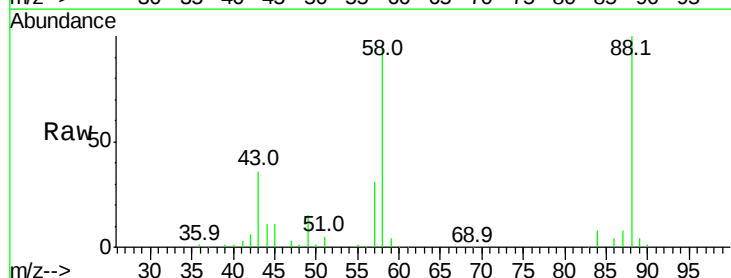
Tgt Ion: 88 Resp: 153399

Ion Ratio Lower Upper

88 100

58 99.3 61.4 92.0#

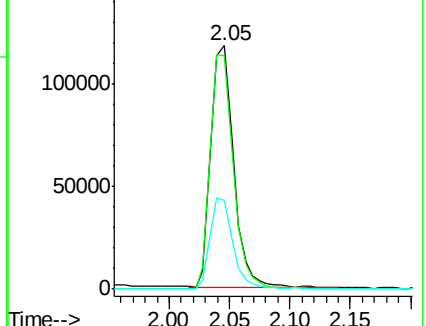
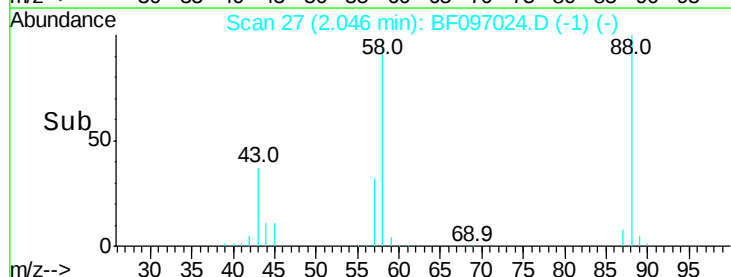
43 38.2 23.4 35.0#

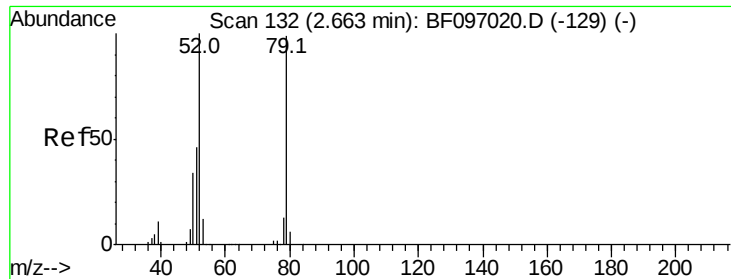


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 41.872 ng

RT: 2.66 min Scan# 132

Delta R.T. -0.00 min

Lab File: BF097024.D

Acq: 25 Jul 2017 12:58

Instrument :

BNA_F

ClientSampleId :

ICVBF072517

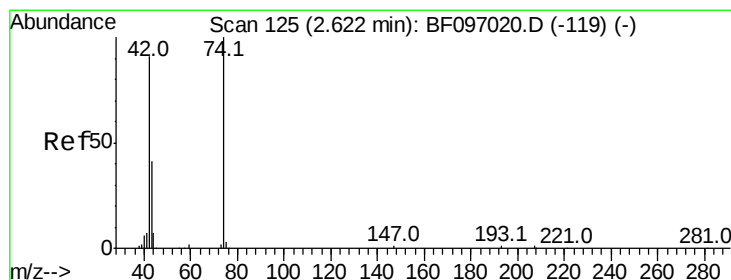
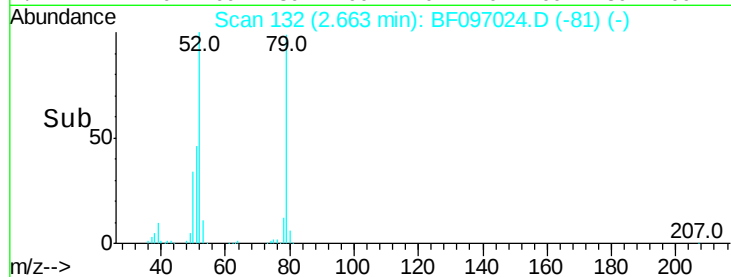
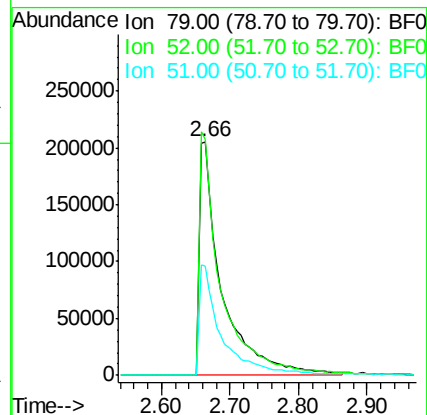
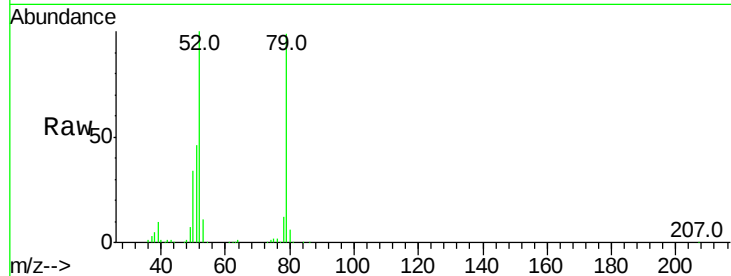
Tot Ion: 79 Resp: 470605

Ion Ratio Lower Upper

79 100

52 101.1 54.8 82.2#

51 46.7 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 40.449 ng

RT: 2.62 min Scan# 125

Delta R.T. -0.00 min

Lab File: BF097024.D

Acq: 25 Jul 2017 12:58

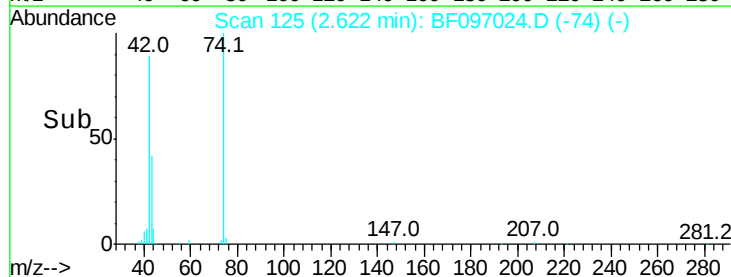
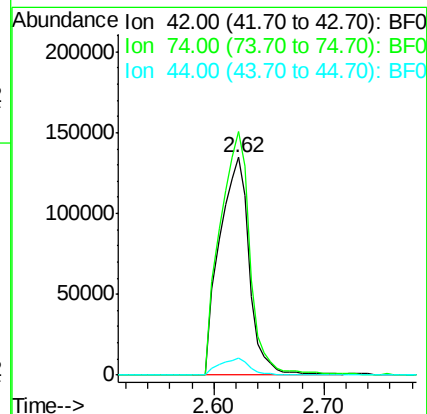
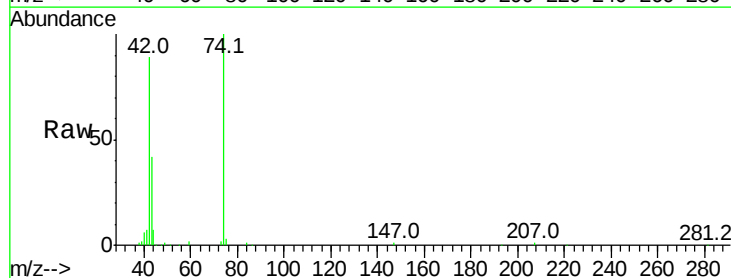
Tgt Ion: 42 Resp: 251853

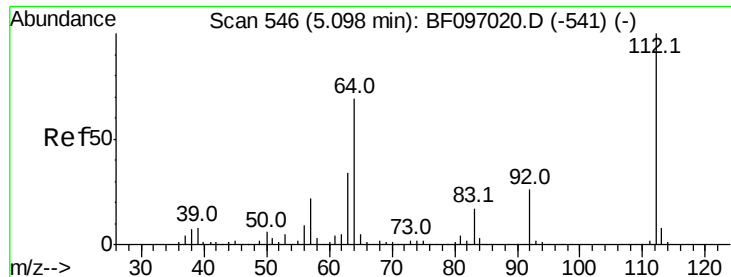
Ion Ratio Lower Upper

42 100

74 111.8 103.9 155.9

44 8.0 5.7 8.5





#5

2-Fluorophenol

Concen: 77.687 ng

RT: 5.10 min Scan# 546

Delta R.T. 0.00 min

Lab File: BF097024.D

Acq: 25 Jul 2017 12:58

Instrument :

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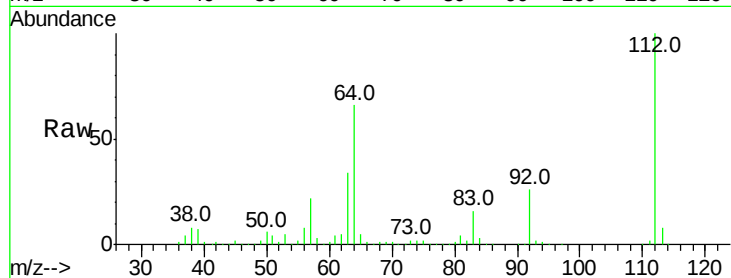
Tot Ion: 112 Resp: 683282

Ion Ratio Lower Upper

112 100

64 66.5 46.0 69.0

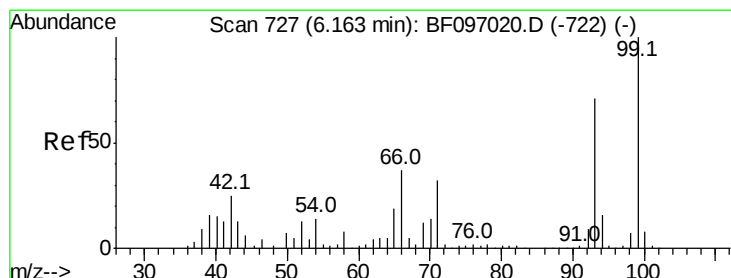
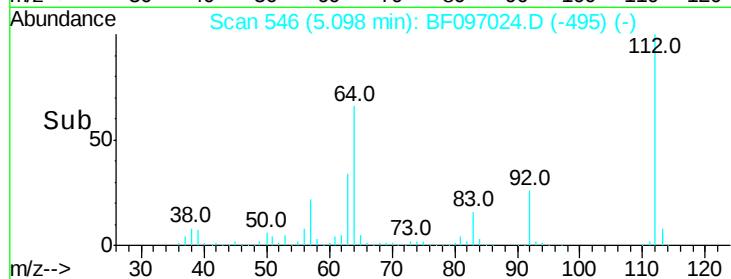
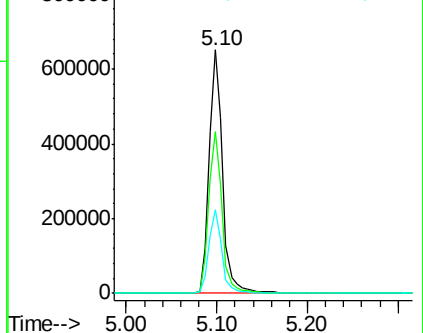
63 34.3 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.728 ng

RT: 6.16 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF097024.D

Acq: 25 Jul 2017 12:58

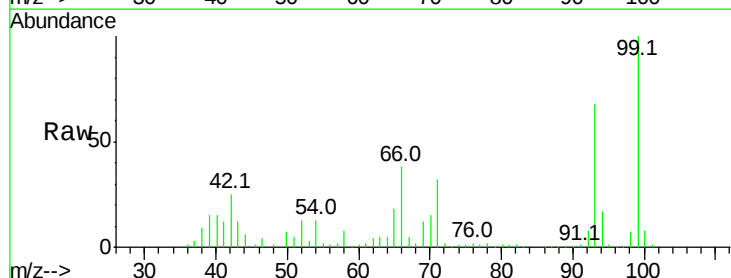
Tgt Ion: 93 Resp: 501984

Ion Ratio Lower Upper

93 100

66 55.5 32.9 49.3#

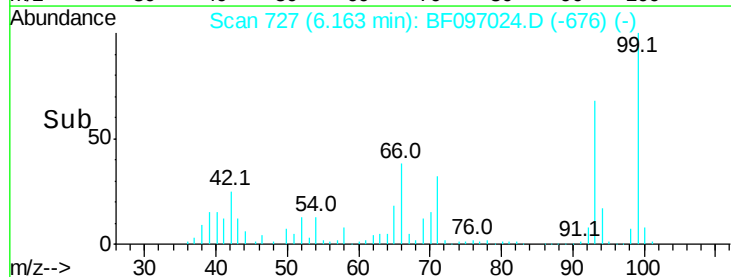
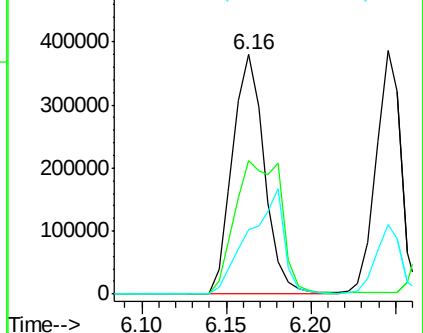
65 26.9 16.0 24.0#

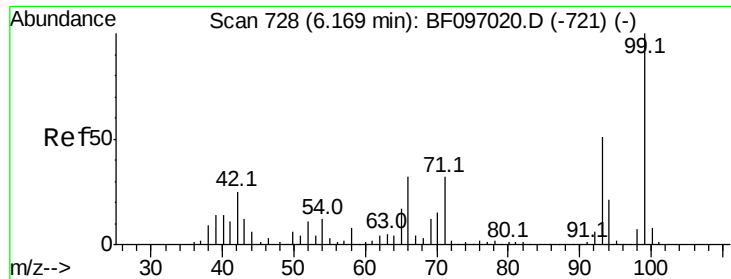


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 79.034 ng

RT: 6.17 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF097024.D

Acq: 25 Jul 2017 12:58

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ClientSampleId :

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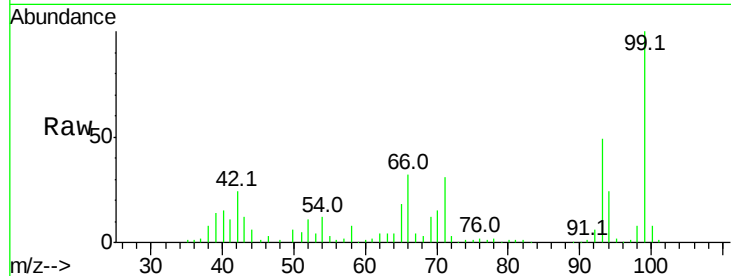
Tot Ion: 99 Resp: 793573

Ion Ratio Lower Upper

99 100

42 24.0 13.5 20.3#

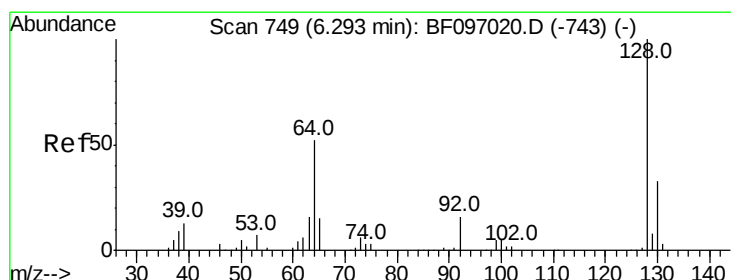
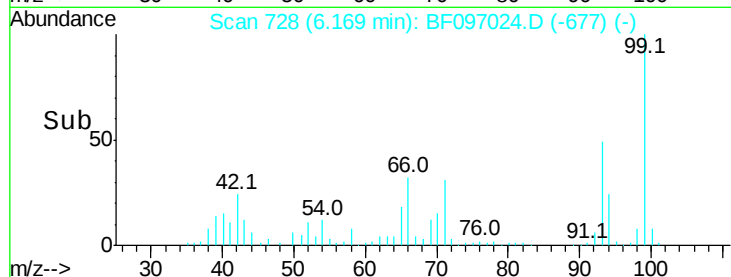
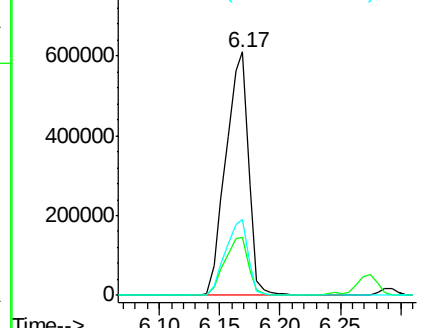
71 31.1 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.128 ng

RT: 6.29 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF097024.D

Acq: 25 Jul 2017 12:58

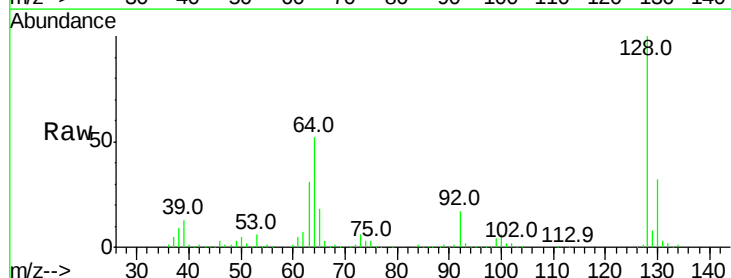
Tgt Ion: 128 Resp: 377396

Ion Ratio Lower Upper

128 100

130 32.1 12.9 52.9

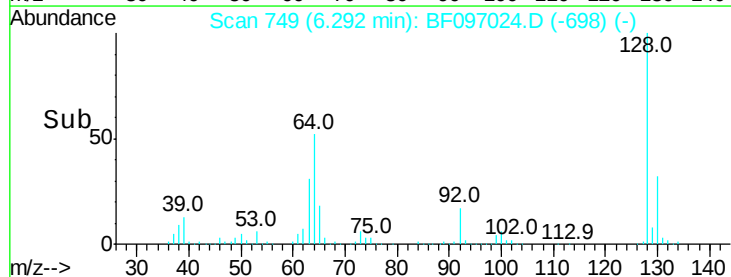
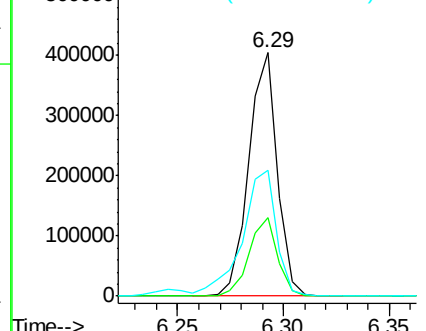
64 51.8 28.4 68.4

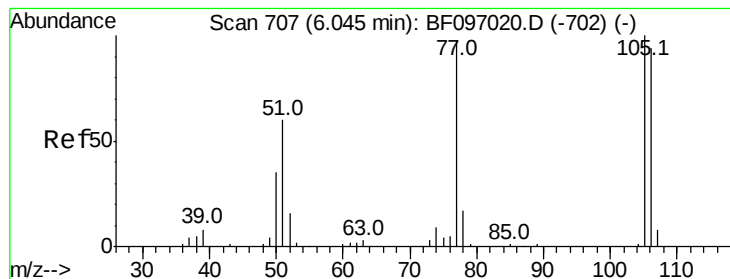


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 39.117 ng

RT: 6.05 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF097024.D

Acq: 25 Jul 2017 12:58

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ICVBF072517

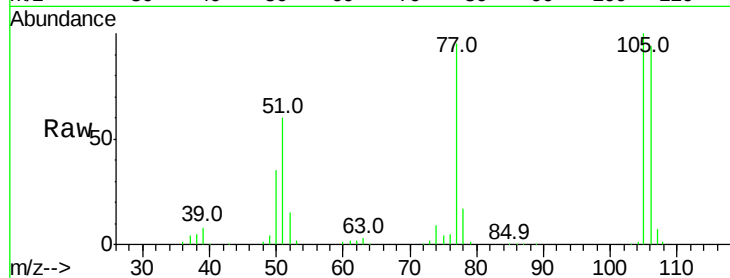
Tot Ion: 77 Resp: 232486

Ion Ratio Lower Upper

77 100

105 105.7 83.8 123.8

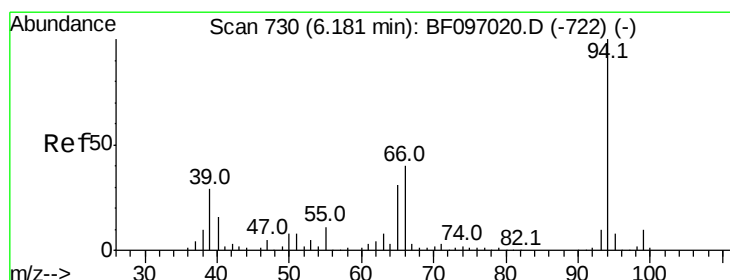
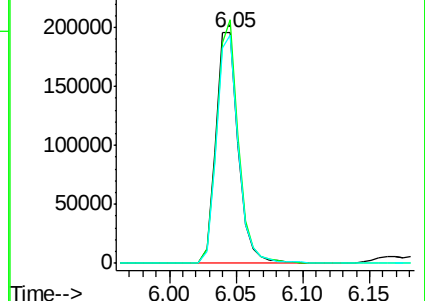
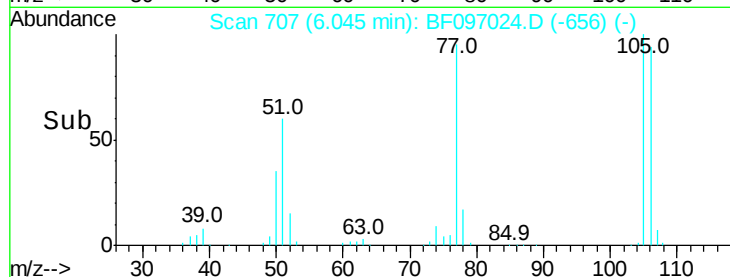
106 98.9 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 41.059 ng

RT: 6.18 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF097024.D

Acq: 25 Jul 2017 12:58

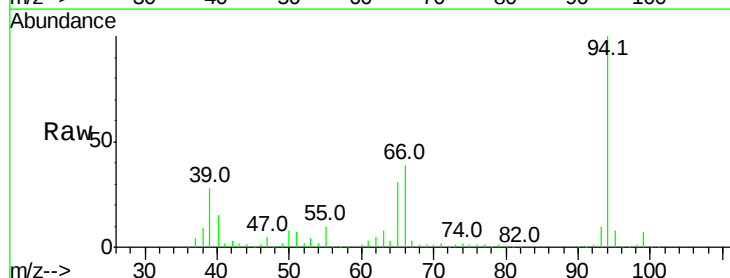
Tgt Ion: 94 Resp: 489010

Ion Ratio Lower Upper

94 100

65 31.2 9.9 49.9

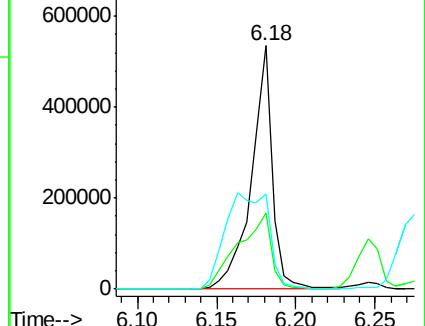
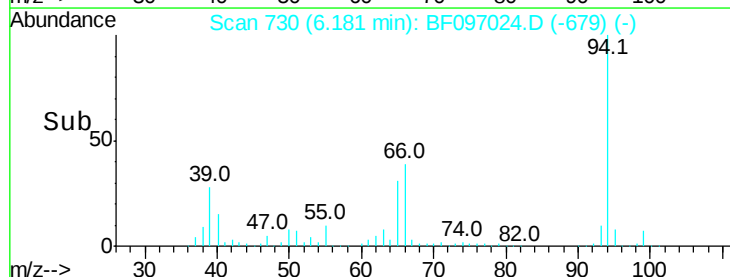
66 38.9 23.1 63.1

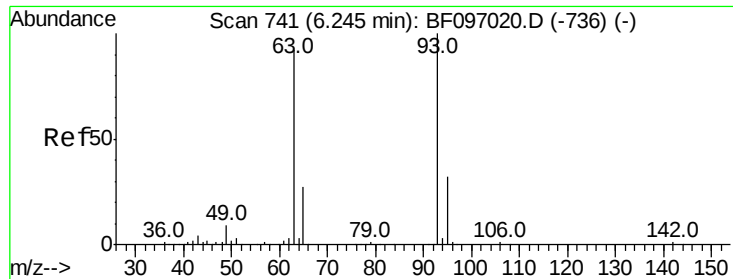


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 41.723 ng

RT: 6.25 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF097024.D

Acq: 25 Jul 2017 12:58

Instrument :

BNA_F

ClientSampleId :

ICVBF072517

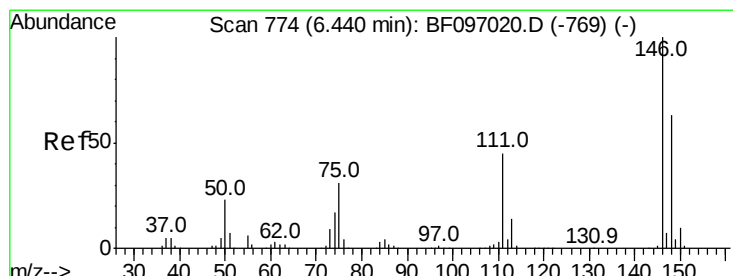
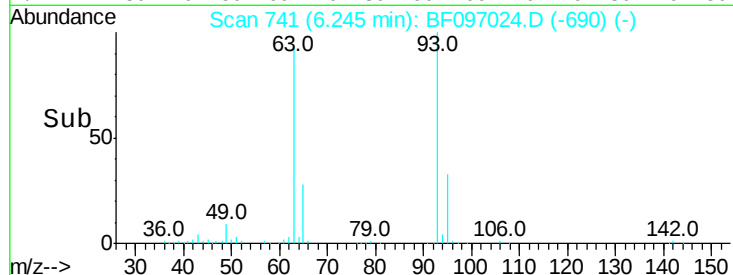
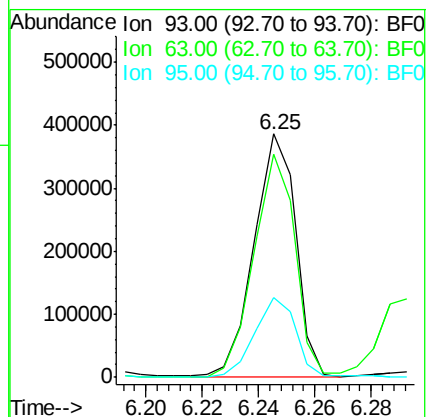
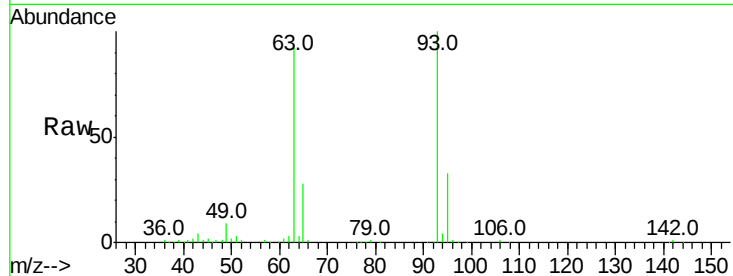
Tot Ion: 93 Resp: 393026

Ion Ratio Lower Upper

93 100

63 91.8 59.2 99.2

95 32.5 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 40.107 ng

RT: 6.44 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF097024.D

Acq: 25 Jul 2017 12:58

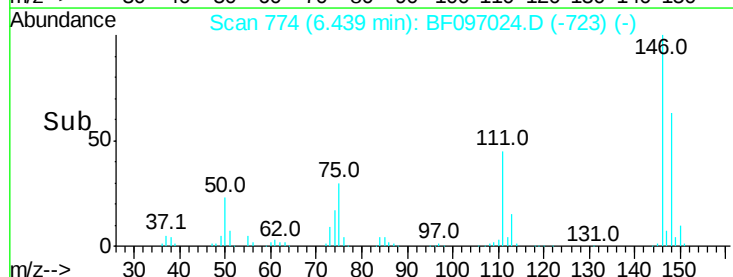
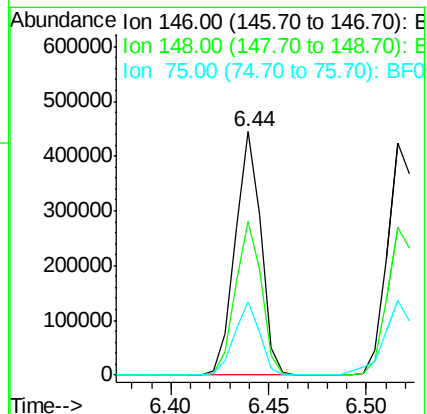
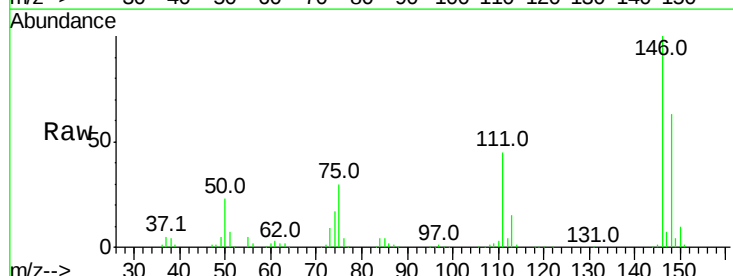
Tgt Ion: 146 Resp: 406486

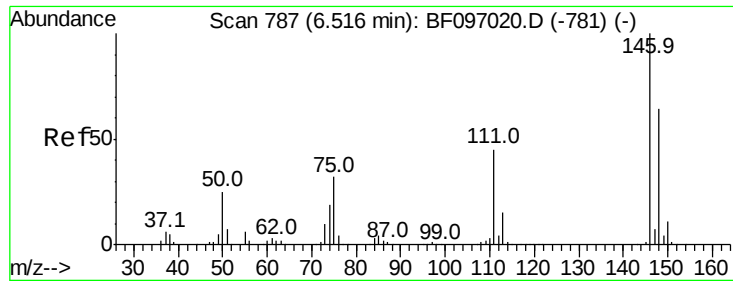
Ion Ratio Lower Upper

146 100

148 63.4 51.8 77.6

75 30.4 23.1 34.7

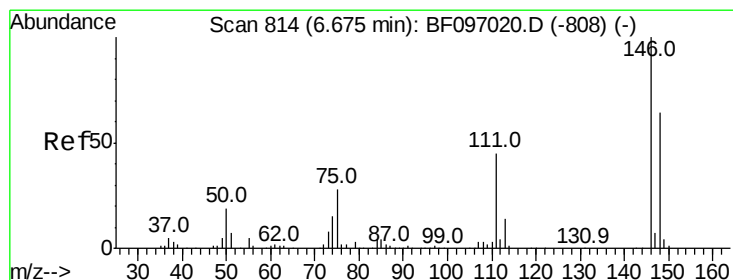
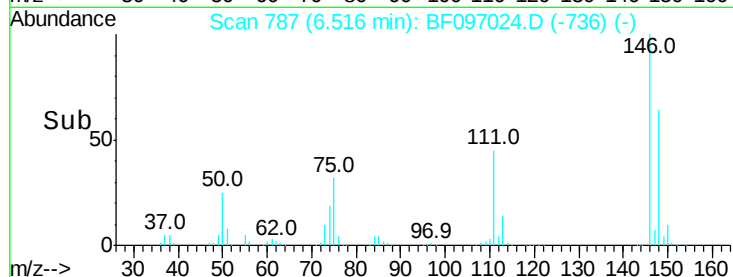
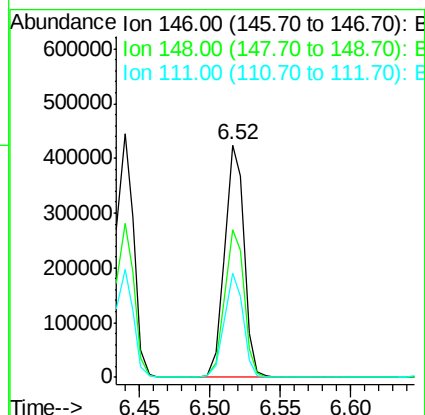
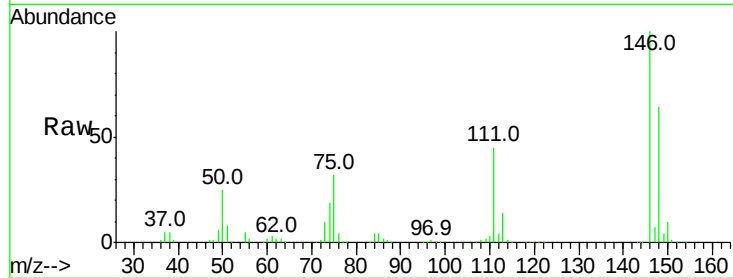




#13
 1,4-Dichlorobenzene
 Concen: 40.425 ng
 RT: 6.52 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF097024.D
 Acq: 25 Jul 2017 12:58

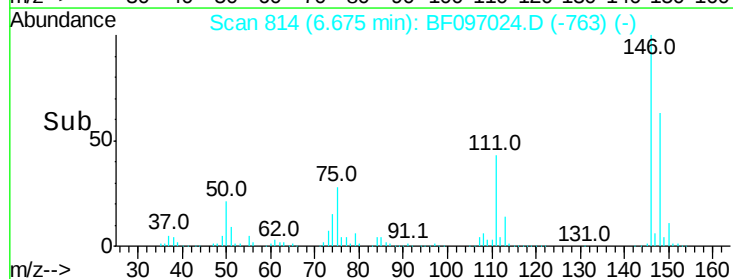
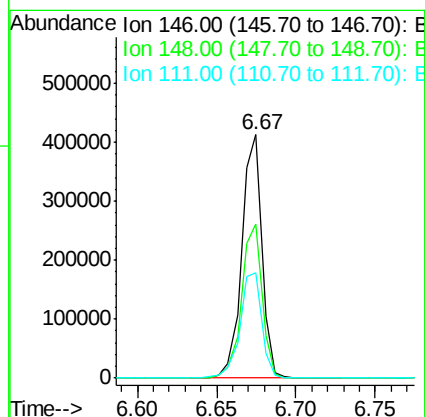
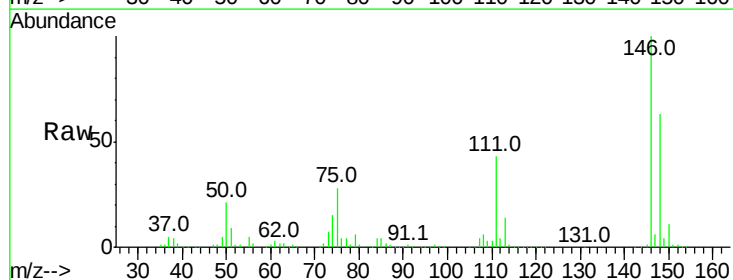
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072517

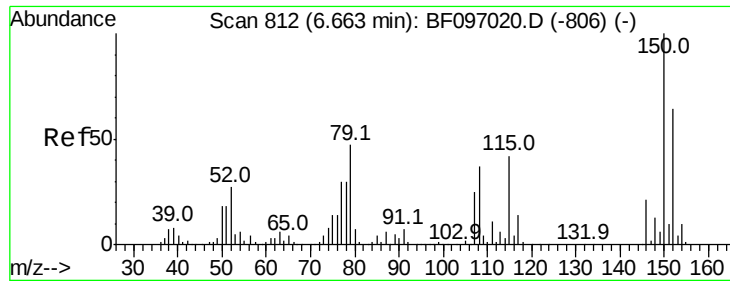
Tot Ion:146 Resp: 406039
 Ion Ratio Lower Upper
 146 100
 148 63.8 52.2 78.2
 111 44.7 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 41.282 ng
 RT: 6.67 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF097024.D
 Acq: 25 Jul 2017 12:58

Tgt Ion:146 Resp: 362039
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.4 75.6
 111 43.0 38.2 57.4

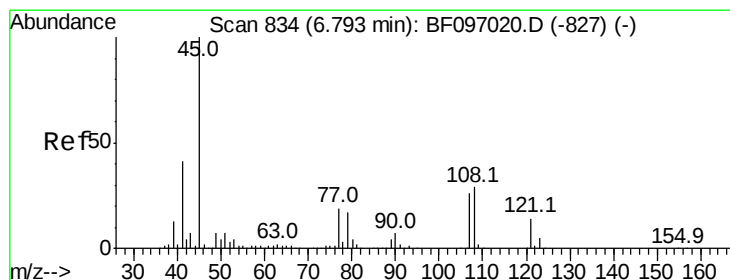
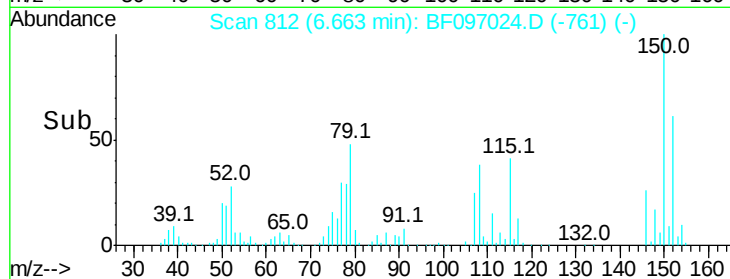
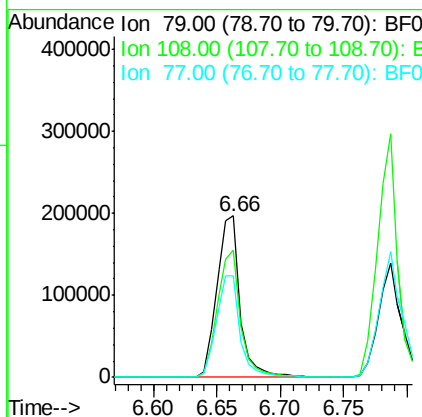
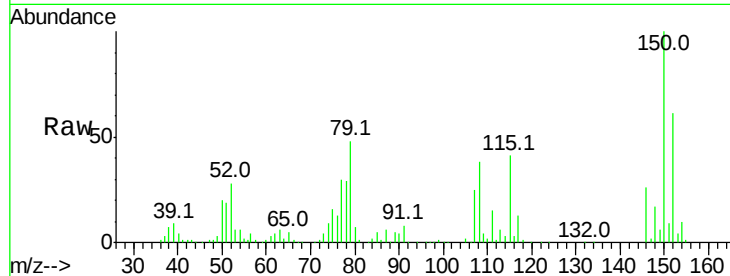




#15
Benzyl Alcohol
Concen: 39.885 ng
RT: 6.66 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF097024.D
Acq: 25 Jul 2017 12:58

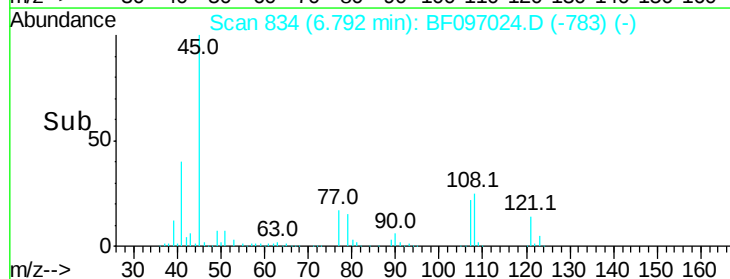
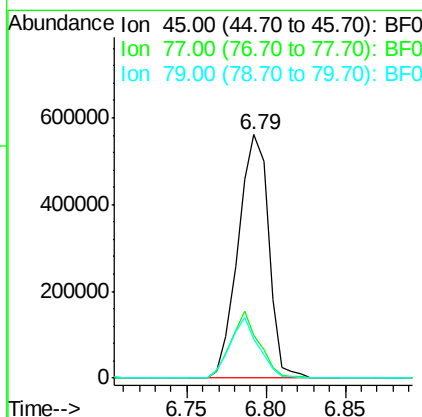
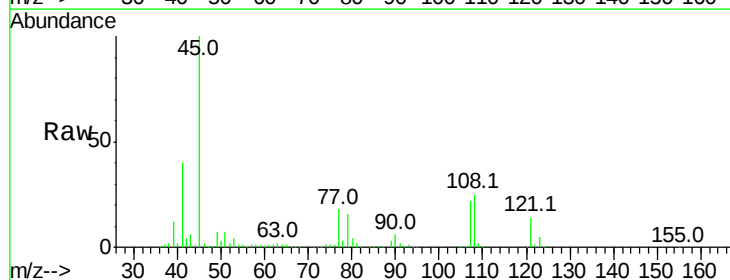
Instrument :
BNA_F
ClientSampleId :
ICVBF072517

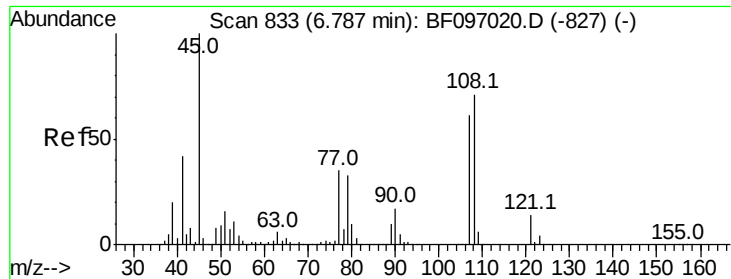
Tot Ion: 79 Resp: 253559
Ion Ratio Lower Upper
79 100
108 78.6 63.4 95.0
77 62.9 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.699 ng
RT: 6.79 min Scan# 834
Delta R.T. -0.00 min
Lab File: BF097024.D
Acq: 25 Jul 2017 12:58

Tgt Ion: 45 Resp: 750048
Ion Ratio Lower Upper
45 100
77 17.7 0.0 33.2
79 15.9 0.0 30.0

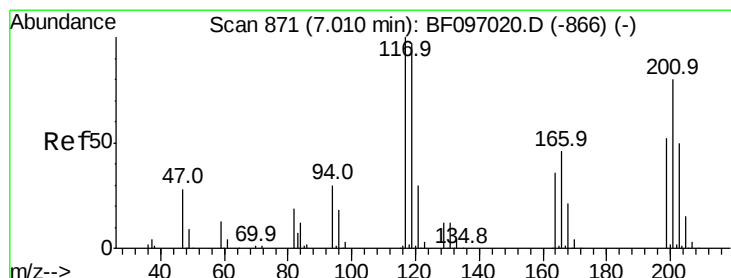
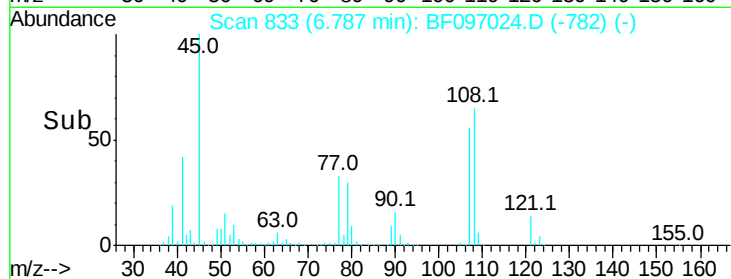
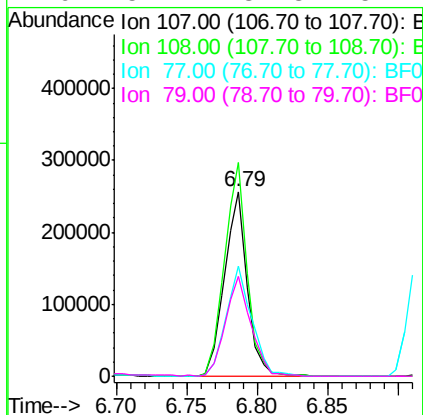
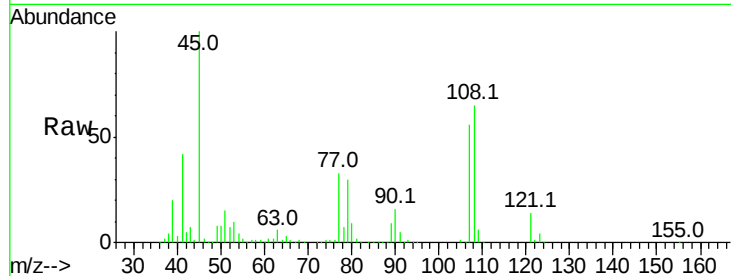




#17
2-Methylphenol
Concen: 39.202 ng
RT: 6.79 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF097024.D
Acq: 25 Jul 2017 12:58

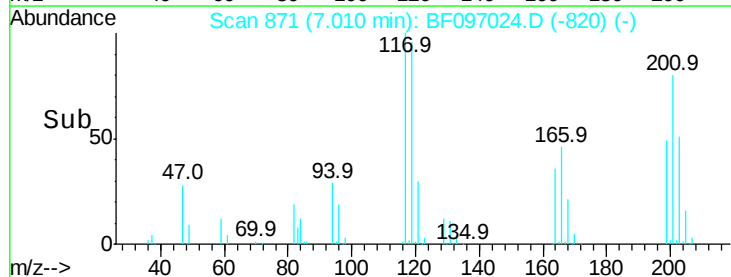
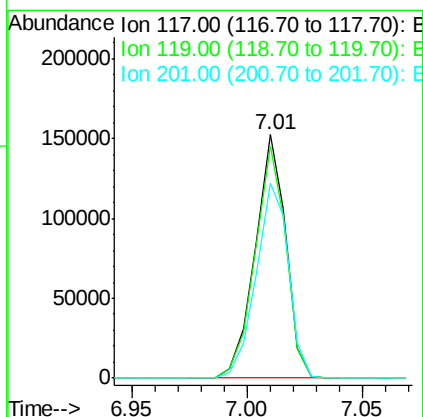
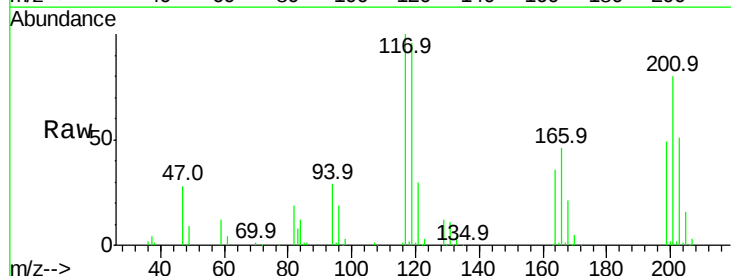
Instrument :
BNA_F
ClientSampleId :
ICVBF072517

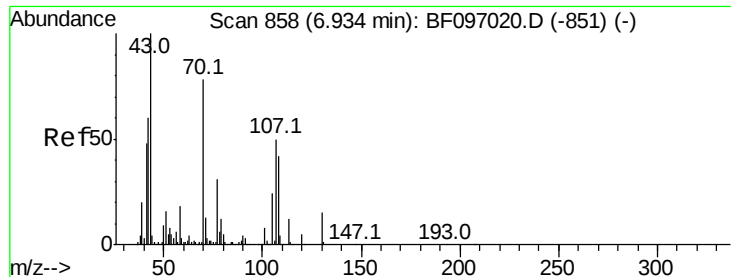
Tot Ion	Ratio	Lower	Upper
107	100		
108	115.6	93.4	140.0
77	59.8	35.8	53.6#
79	54.2	34.8	52.2#



#18
Hexachloroethane
Concen: 38.423 ng
RT: 7.01 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF097024.D
Acq: 25 Jul 2017 12:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.4	116.0
201	80.2	94.6	141.8#

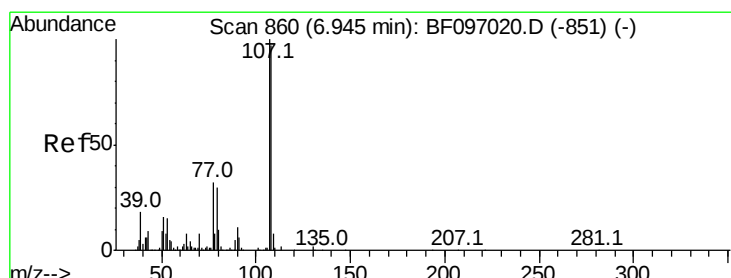
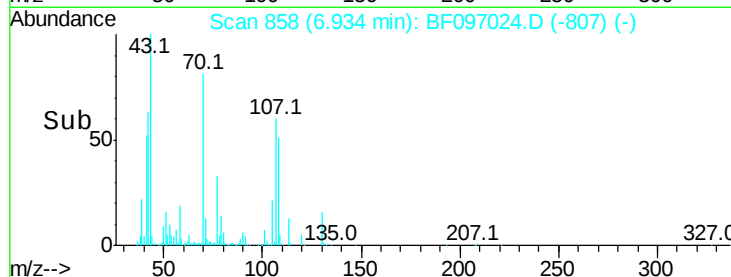
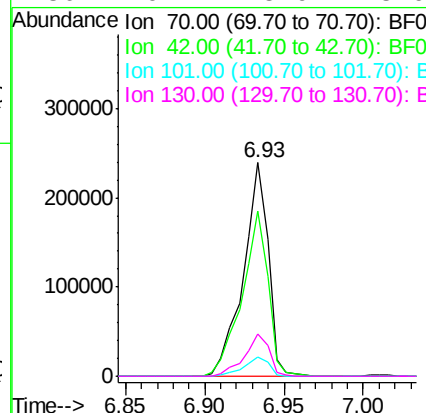
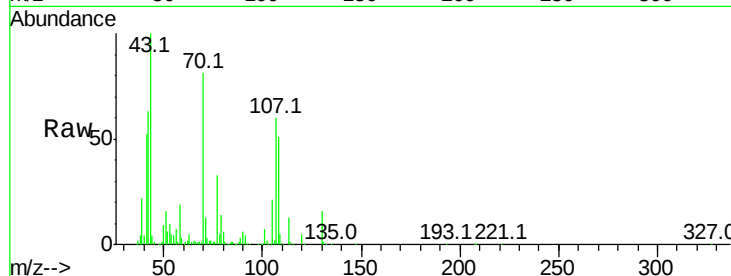




#19
n-Nitroso-di-n-propylamine
Concen: 39.291 ng
RT: 6.93 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF097024.D
Acq: 25 Jul 2017 12:58

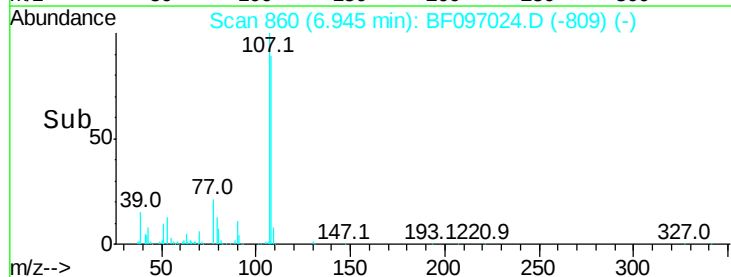
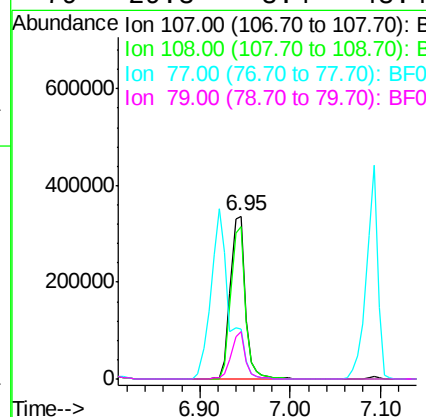
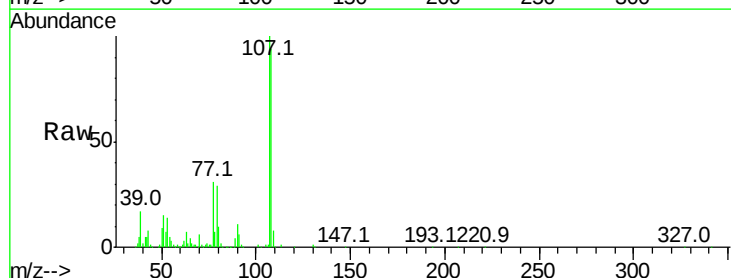
Instrument :
BNA_F
ClientSampleId :
ICVBF072517

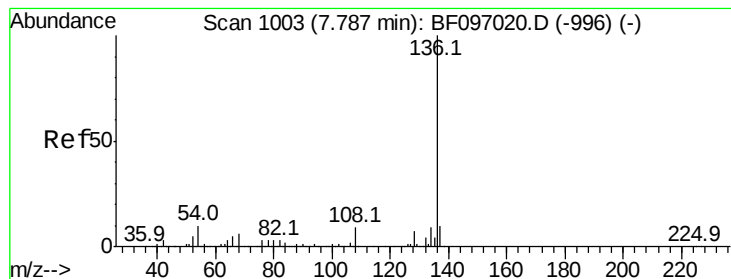
Tot Ion:	70	Resp:	259686
Ion	Ratio	Lower	Upper
70	100		
42	77.4	47.2	70.8#
101	9.0	7.2	10.8
130	19.7	15.9	23.9



#20
3+4-Methylphenols
Concen: 40.589 ng
RT: 6.95 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF097024.D
Acq: 25 Jul 2017 12:58

Tgt Ion:	107	Resp:	384783
Ion	Ratio	Lower	Upper
107	100		
108	94.0	71.0	111.0
77	30.6	90.5	130.5#
79	29.3	8.4	48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.79 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BF097024.D

Acq: 25 Jul 2017 12:58

Instrument :

BNA_F

ClientSampleId :

ICVBF072517

Tot Ion:136 Resp: 550298

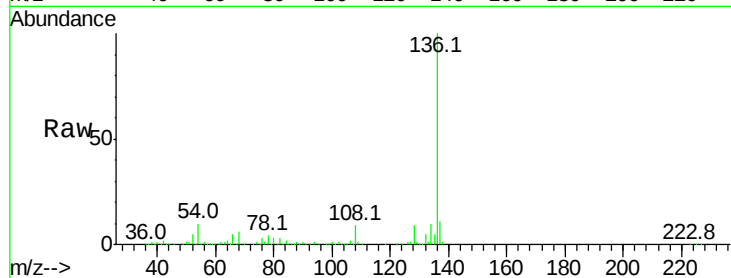
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 10.3 4.9 7.3#

68 5.5 4.1 6.1

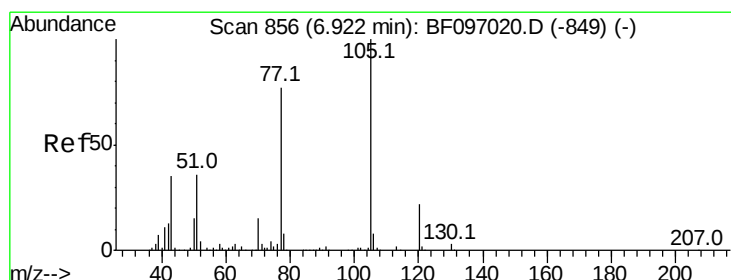
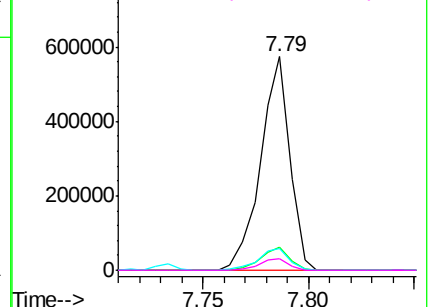
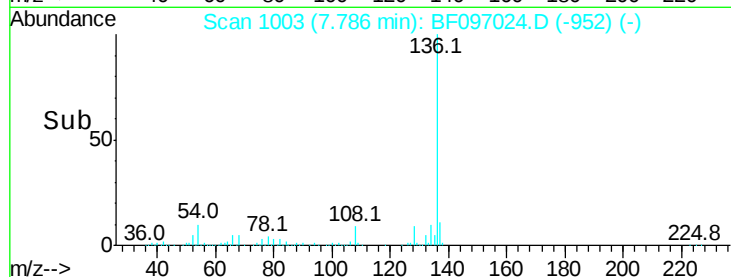


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.871 ng

RT: 6.92 min Scan# 856

Delta R.T. -0.00 min

Lab File: BF097024.D

Acq: 25 Jul 2017 12:58

Tgt Ion:105 Resp: 526901

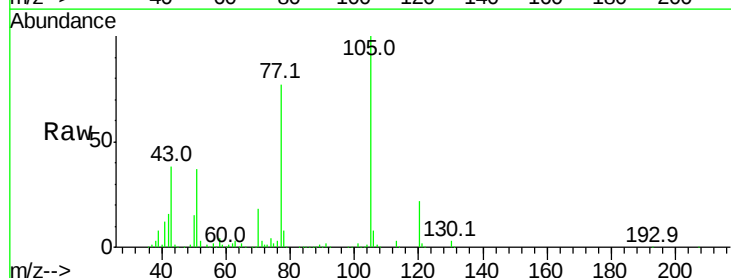
Ion Ratio Lower Upper

105 100

71 2.8 2.8 4.2

51 36.6 30.7 46.1

120 22.4 17.4 26.0

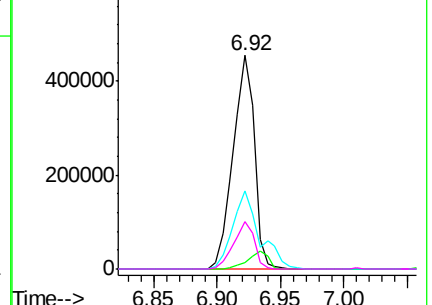
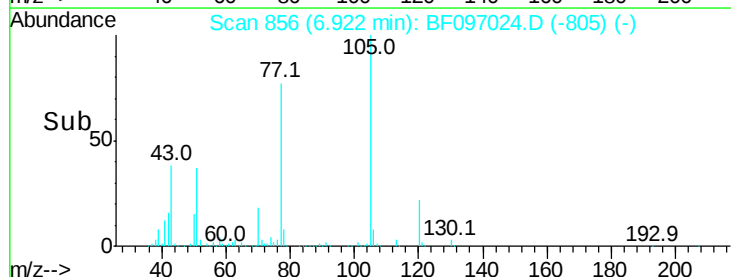


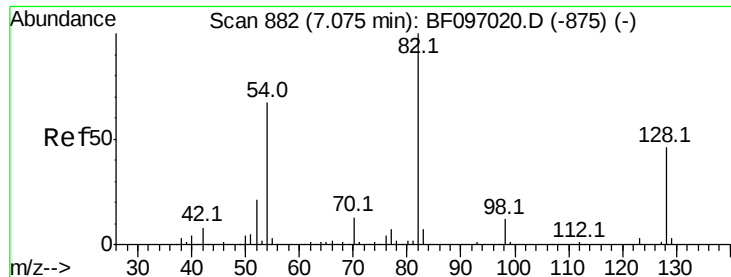
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

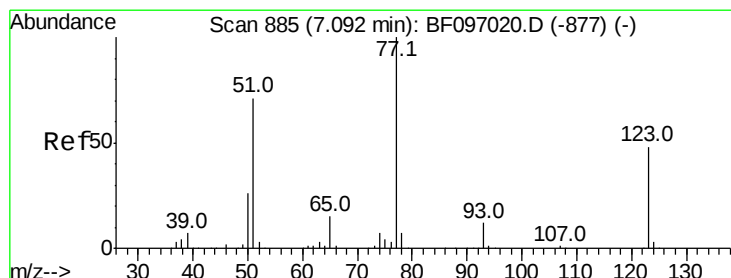
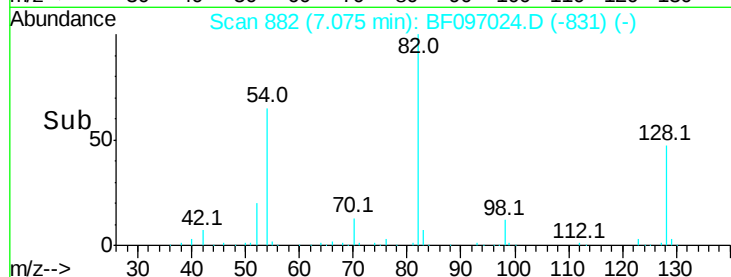
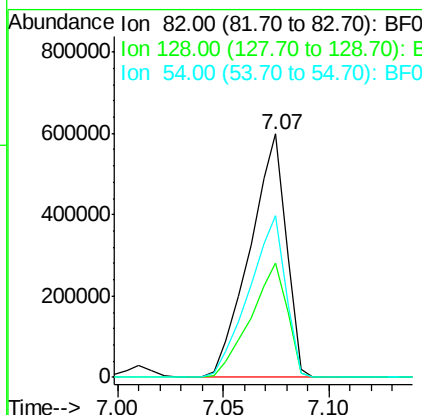
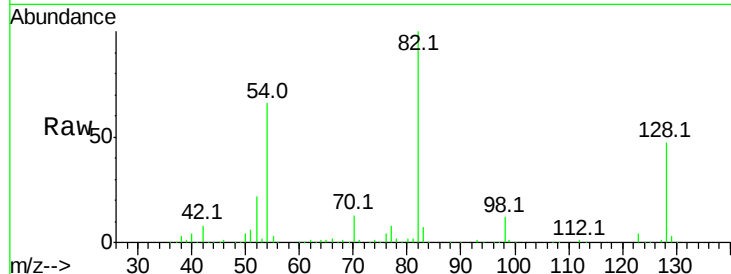




#23
Nitrobenzene-d5
Concen: 76.437 ng
RT: 7.07 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF097024.D
Acq: 25 Jul 2017 12:58

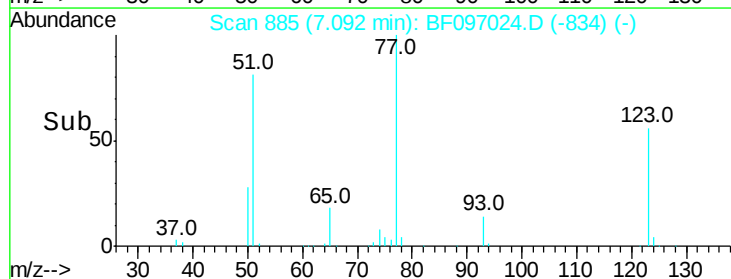
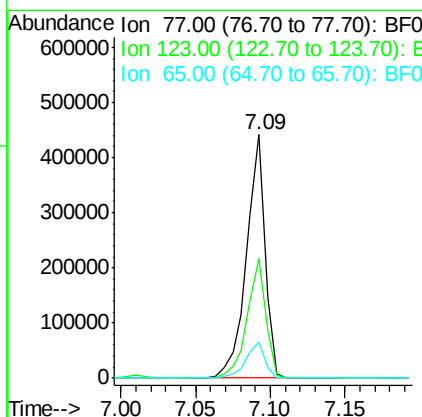
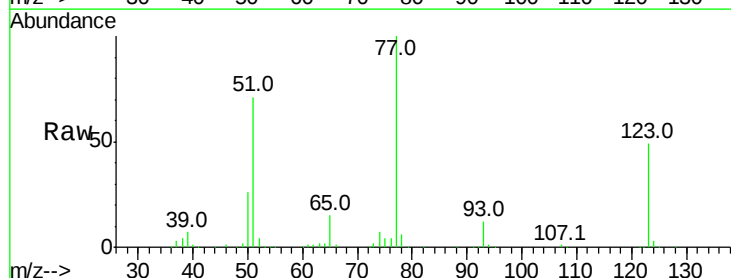
Instrument :
BNA_F
ClientSampleId :
ICVBF072517

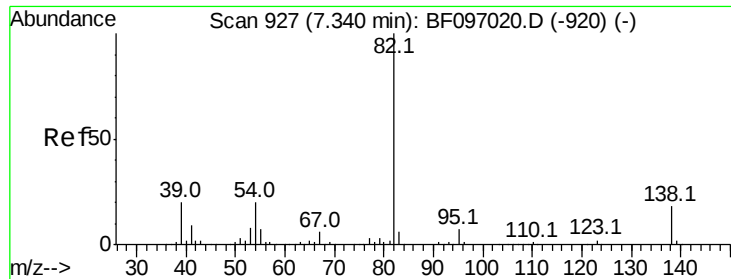
Tot Ion: 82 Resp: 717016
Ion Ratio Lower Upper
82 100
128 46.8 34.0 51.0
54 66.4 42.2 63.2#



#24
Nitrobenzene
Concen: 39.114 ng
RT: 7.09 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF097024.D
Acq: 25 Jul 2017 12:58

Tgt Ion: 77 Resp: 382126
Ion Ratio Lower Upper
77 100
123 49.1 35.8 53.8
65 15.0 10.6 15.8





#25

Isophorone

Concen: 36.261 ng

RT: 7.34 min Scan# 927

Delta R.T. -0.00 min

Lab File: BF097024.D

Acq: 25 Jul 2017 12:58

Instrument :

BNA_F

ClientSampleId :

ICVBF072517

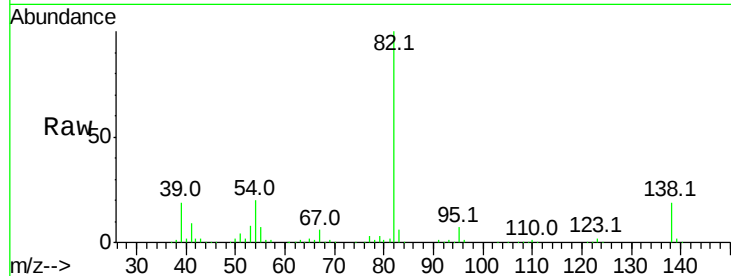
Tot Ion: 82 Resp: 666131

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

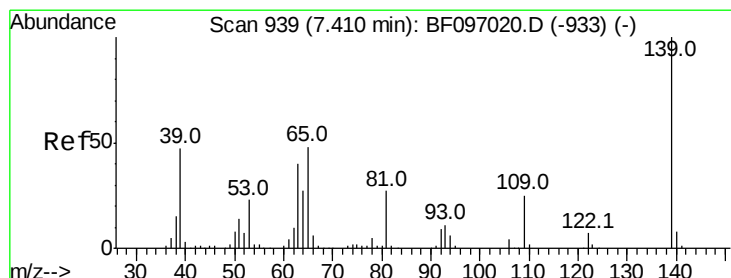
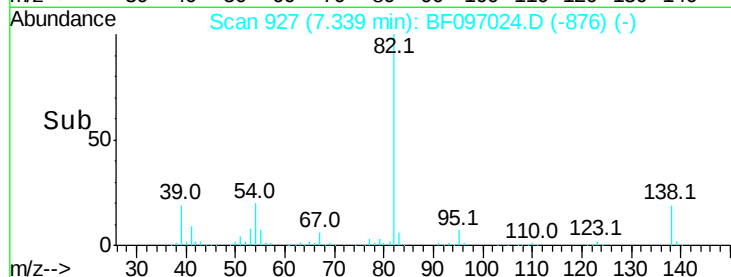
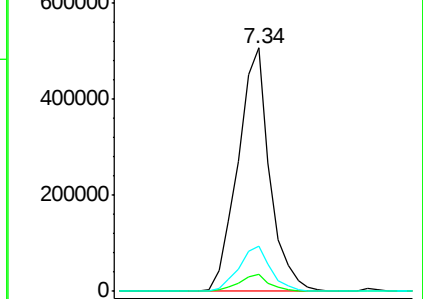
138 18.7 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 40.726 ng

RT: 7.41 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF097024.D

Acq: 25 Jul 2017 12:58

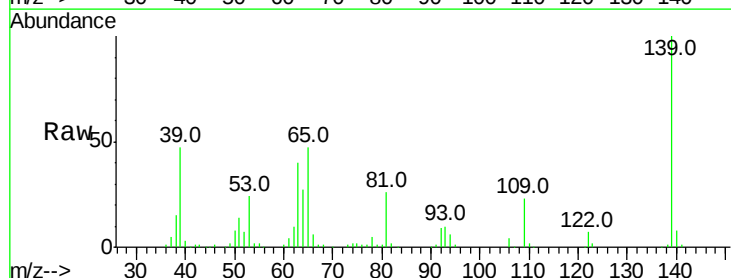
Tgt Ion: 139 Resp: 215258

Ion Ratio Lower Upper

139 100

109 22.9 21.0 31.6

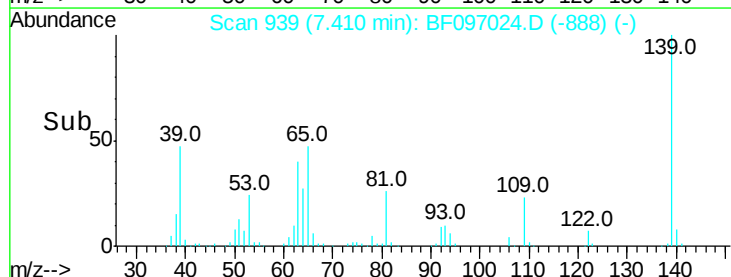
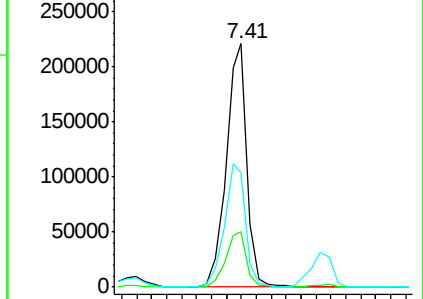
65 46.7 33.0 49.6

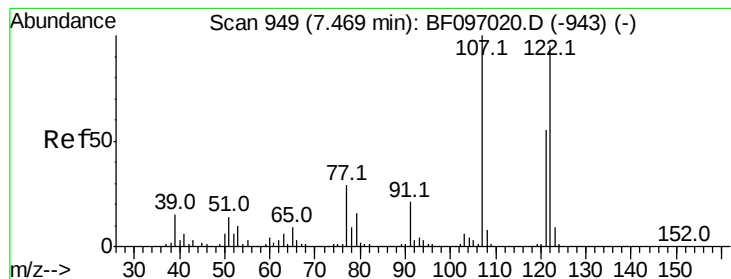


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 37.445 ng

RT: 7.46 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF097024.D

Acq: 25 Jul 2017 12:58

Instrument :

BNA_F

ClientSampleId :

ICVBF072517

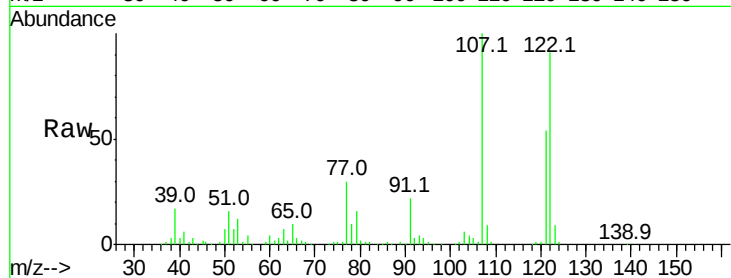
Tot Ion:122 Resp: 326482

Ion Ratio Lower Upper

122 100

107 109.5 89.2 133.8

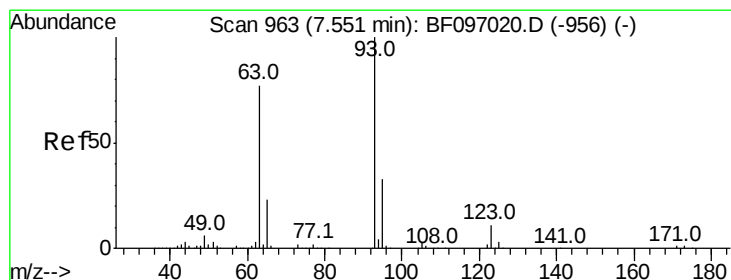
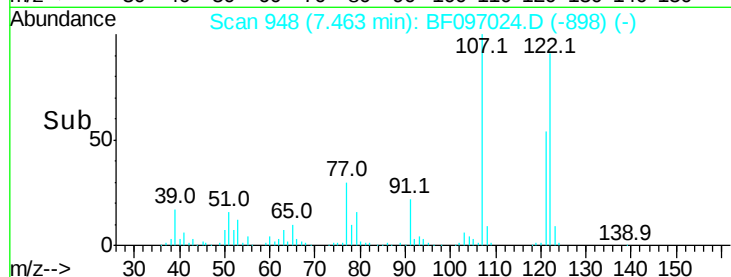
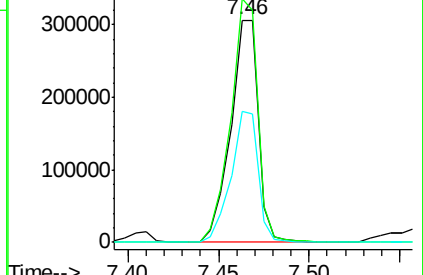
121 58.9 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.993 ng

RT: 7.55 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF097024.D

Acq: 25 Jul 2017 12:58

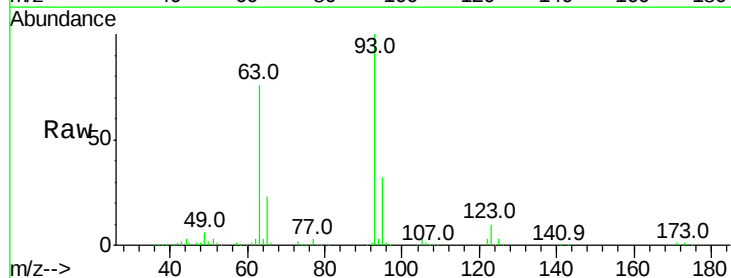
Tgt Ion: 93 Resp: 467461

Ion Ratio Lower Upper

93 100

95 32.2 26.5 39.7

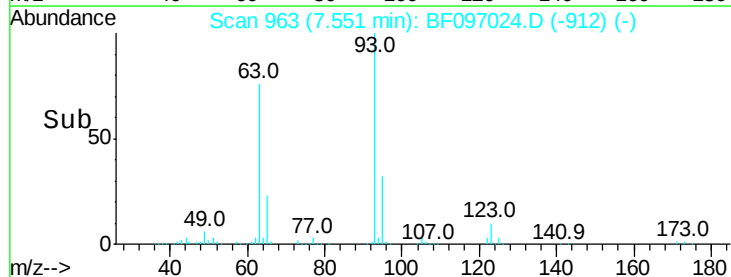
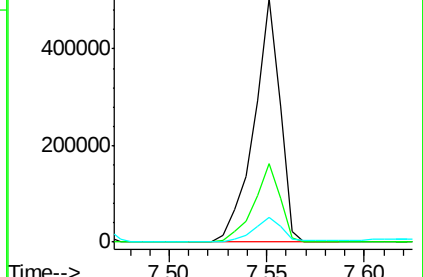
123 10.1 9.0 13.4

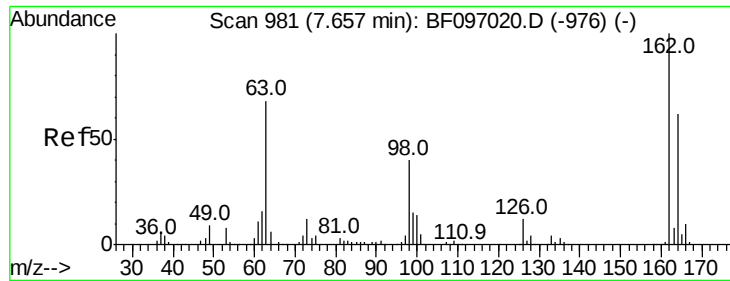


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

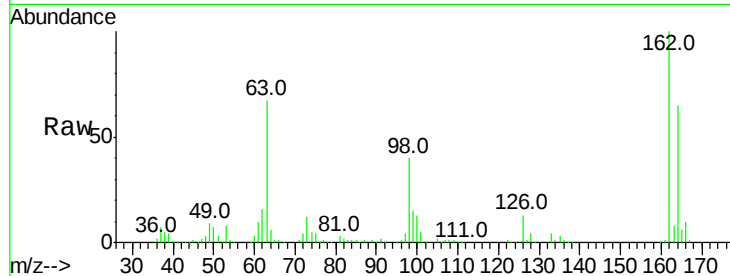




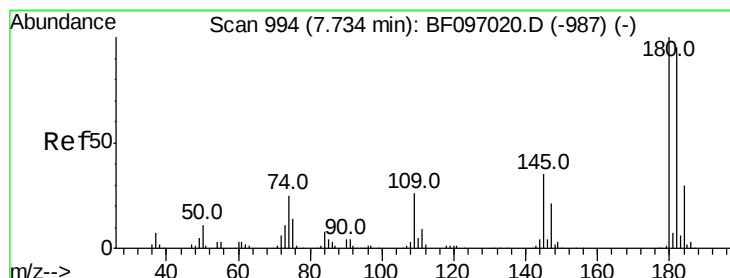
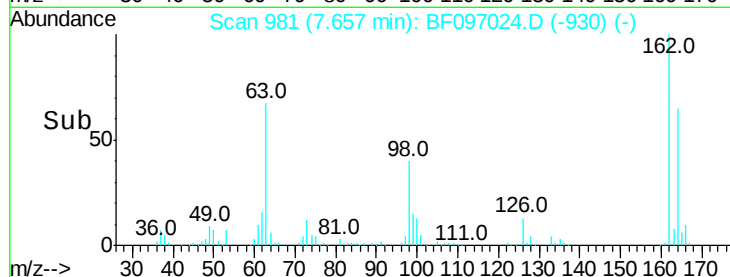
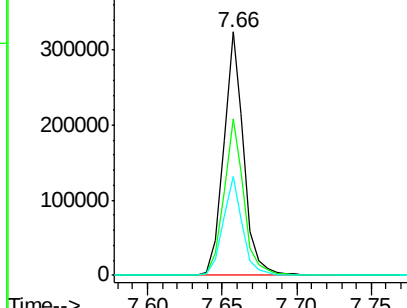
#29
 2,4-Dichlorophenol
 Concen: 40.628 ng
 RT: 7.66 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: BF097024.D
 Acq: 25 Jul 2017 12:58

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072517

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.6	84.6
98	40.5	14.8	54.8

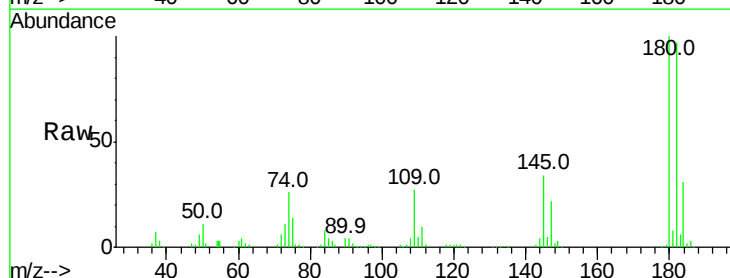


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

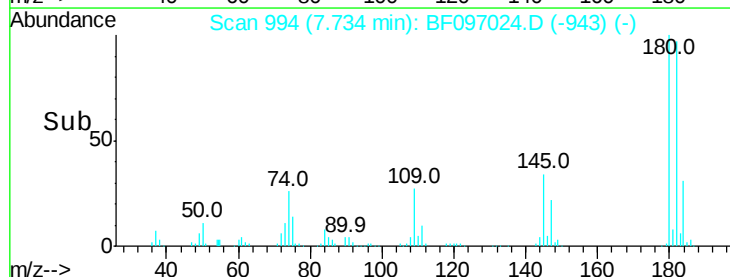
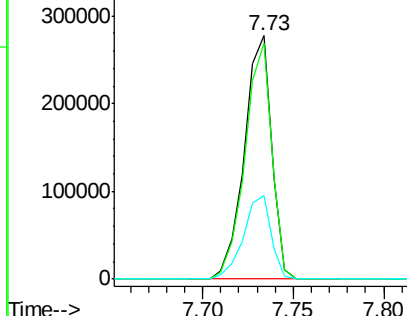


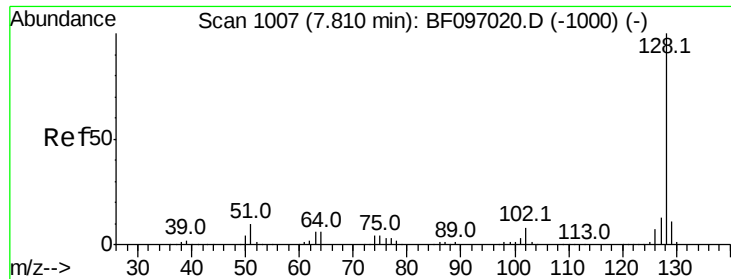
#30
 1,2,4-Trichlorobenzene
 Concen: 40.590 ng
 RT: 7.73 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: BF097024.D
 Acq: 25 Jul 2017 12:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	75.8	113.6
145	34.4	25.3	37.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

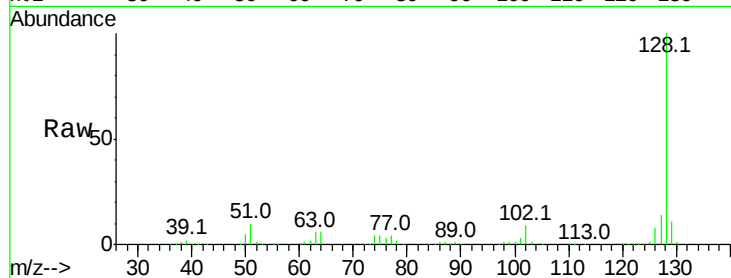




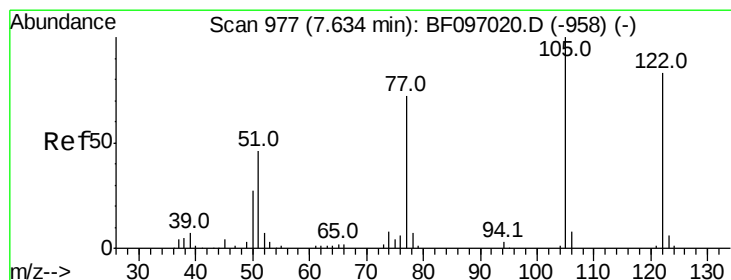
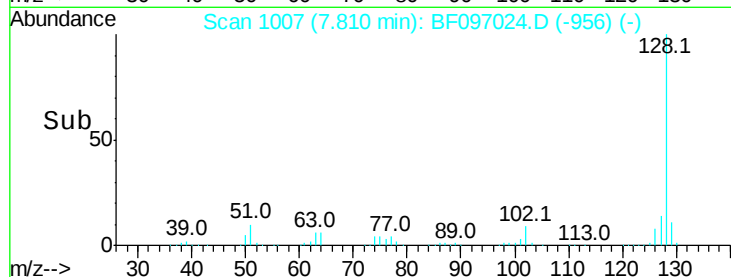
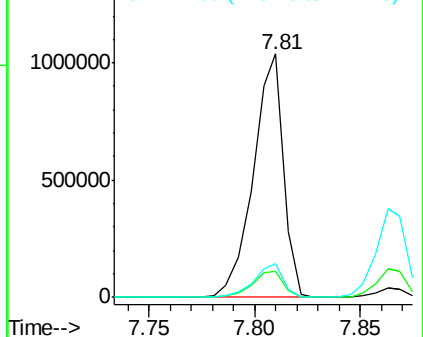
#31
Naphthalene
Concen: 39.740 ng
RT: 7.81 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BF097024.D
Acq: 25 Jul 2017 12:58

Instrument :
BNA_F
ClientSampleId :
ICVBF072517

Tot Ion:128 Resp: 1030866
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.6
127 13.7 10.8 16.2

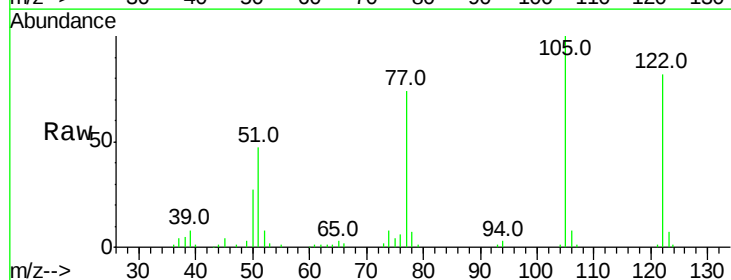


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

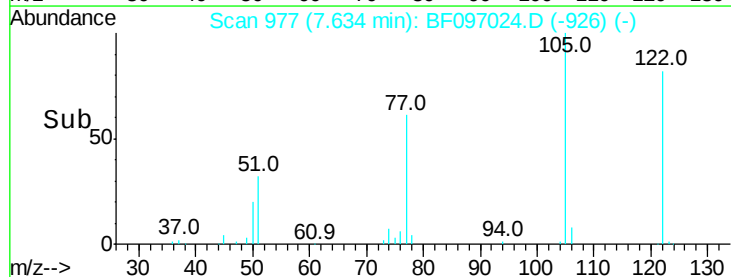
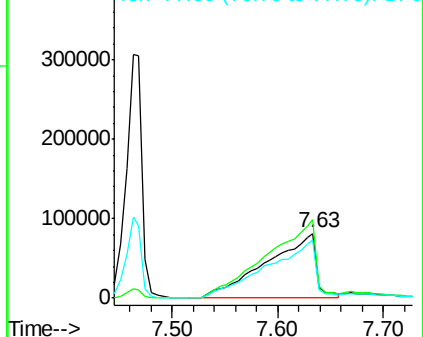


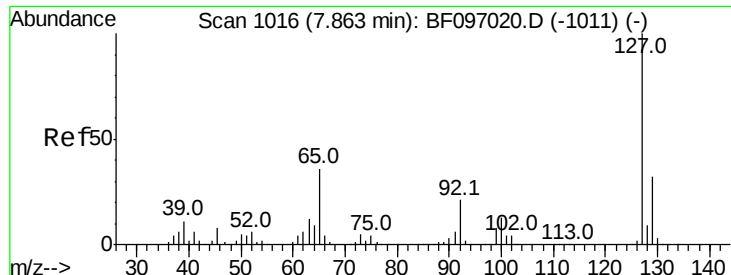
#32
Benzoic acid
Concen: 40.578 ng
RT: 7.63 min Scan# 977
Delta R.T. -0.00 min
Lab File: BF097024.D
Acq: 25 Jul 2017 12:58

Tgt Ion:122 Resp: 264186
Ion Ratio Lower Upper
122 100
105 122.4 103.3 143.3
77 90.5 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

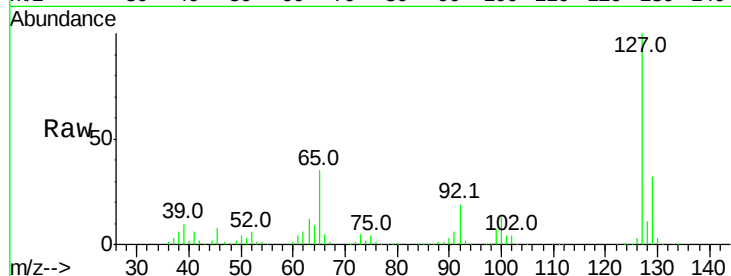




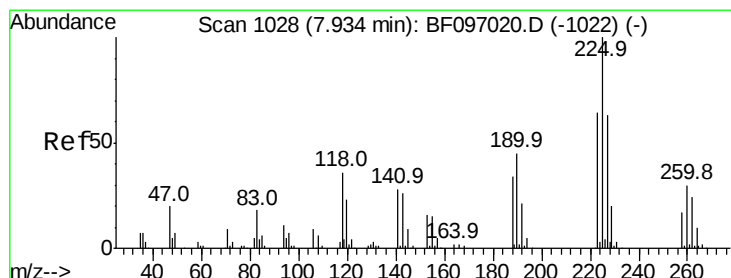
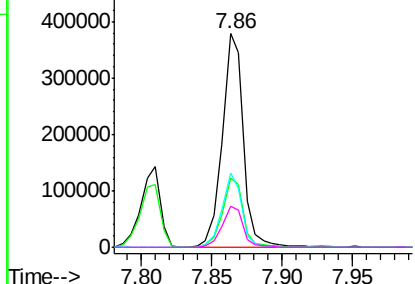
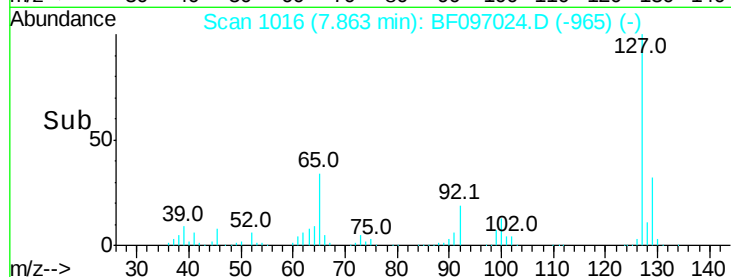
#33
4-Chloroaniline
Concen: 36.943 ng
RT: 7.86 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BF097024.D
Acq: 25 Jul 2017 12:58

Instrument :
BNA_F
ClientSampleId :
ICVBF072517

Tot Ion:	127	Resp:	389937
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.2	39.2
65	35.0	27.8	41.8
92	19.2	16.8	25.2

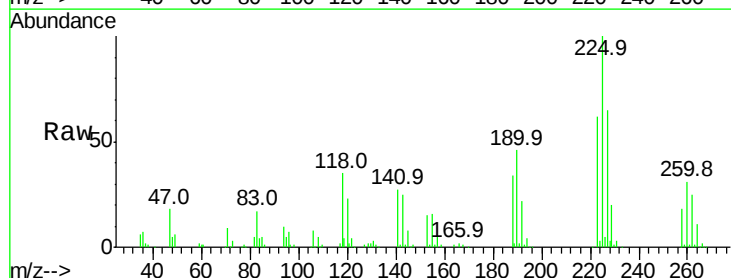


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

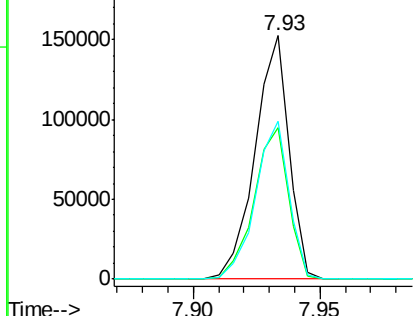
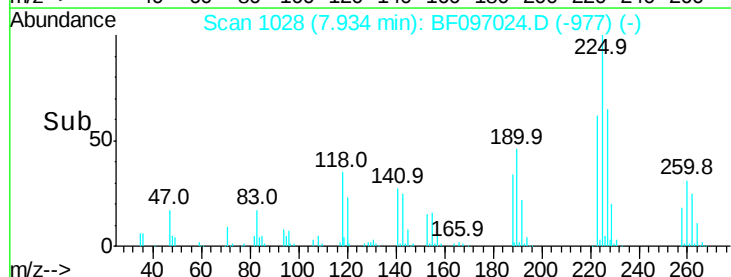


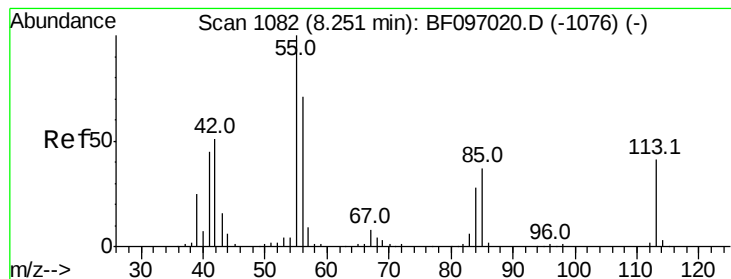
#34
Hexachlorobutadiene
Concen: 37.523 ng
RT: 7.93 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF097024.D
Acq: 25 Jul 2017 12:58

Tgt Ion:	225	Resp:	142421
Ion	Ratio	Lower	Upper
225	100		
223	62.1	48.8	73.2
227	65.0	51.1	76.7



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





#35

Caprolactam

Concen: 36.426 ng

RT: 8.25 min Scan# 1082

Delta R.T. -0.00 min

Lab File: BF097024.D

Acq: 25 Jul 2017 12:58

Instrument :

BNA_F

ClientSampleId :

ICVBF072517

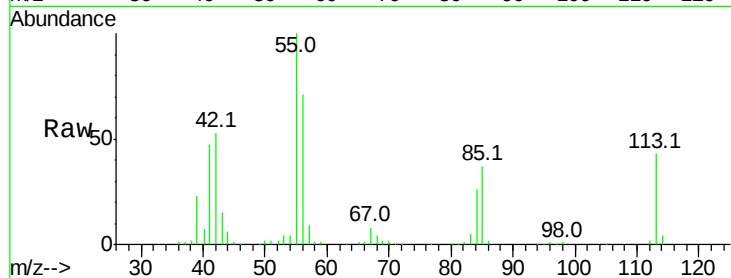
Tot Ion:113 Resp: 87732

Ion Ratio Lower Upper

113 100

55 231.2 150.2 190.2#

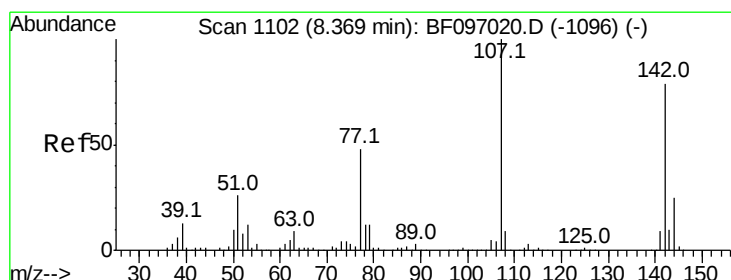
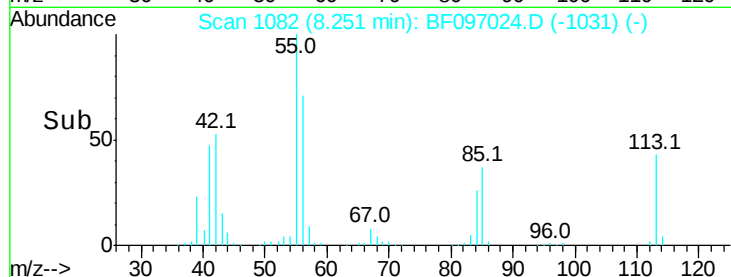
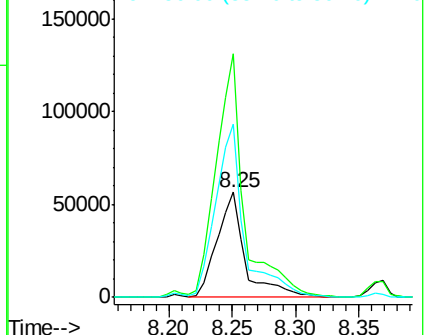
56 164.2 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 36.870 ng

RT: 8.37 min Scan# 1102

Delta R.T. -0.00 min

Lab File: BF097024.D

Acq: 25 Jul 2017 12:58

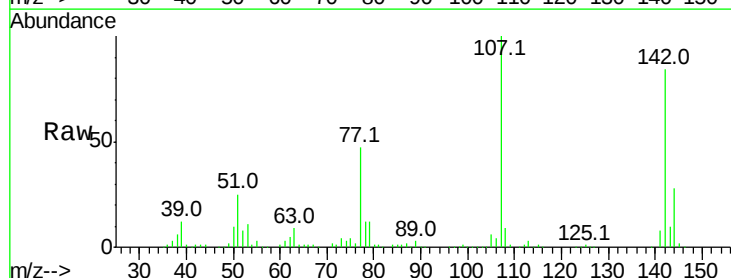
Tgt Ion:107 Resp: 302135

Ion Ratio Lower Upper

107 100

144 27.8 24.2 36.4

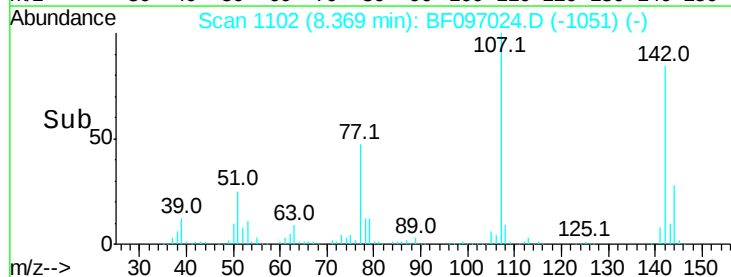
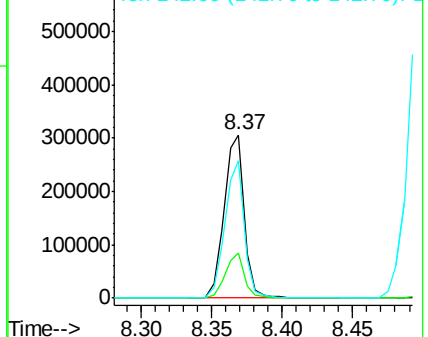
142 83.9 73.4 110.0

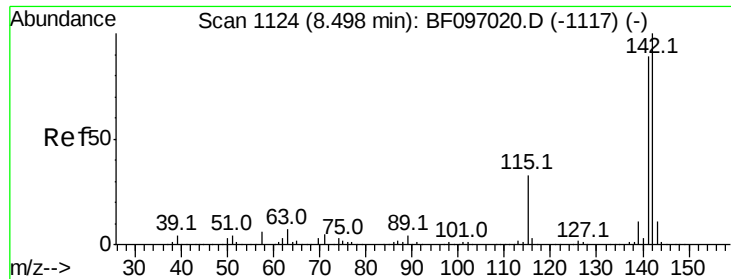


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 36.685 ng

RT: 8.50 min Scan# 1124

Delta R.T. -0.00 min

Lab File: BF097024.D

Acq: 25 Jul 2017 12:58

Instrument :

BNA_F

ClientSampleId :

ICVBF072517

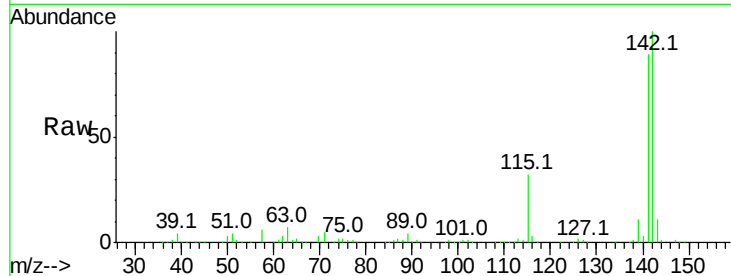
Tot Ion:142 Resp: 602520

Ion Ratio Lower Upper

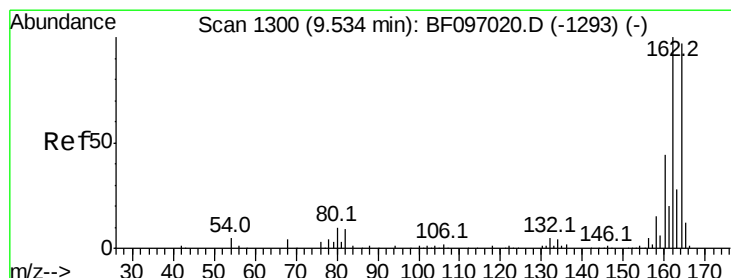
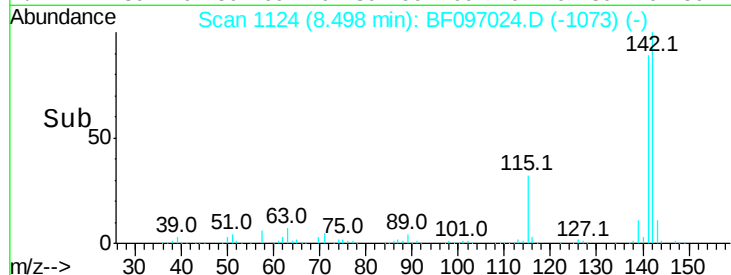
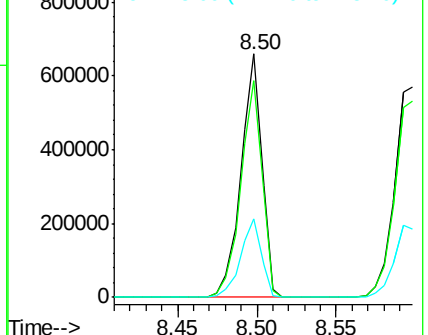
142 100

141 89.0 71.3 106.9

115 32.4 27.1 40.7



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.53 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BF097024.D

Acq: 25 Jul 2017 12:58

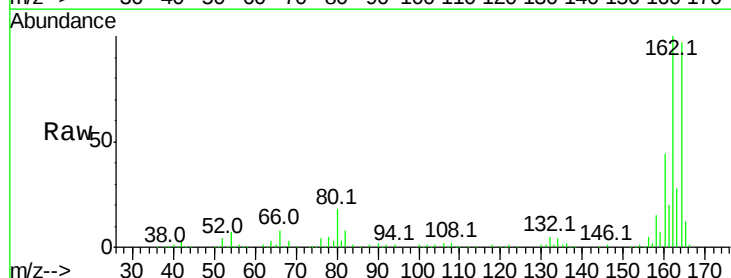
Tgt Ion:164 Resp: 225242

Ion Ratio Lower Upper

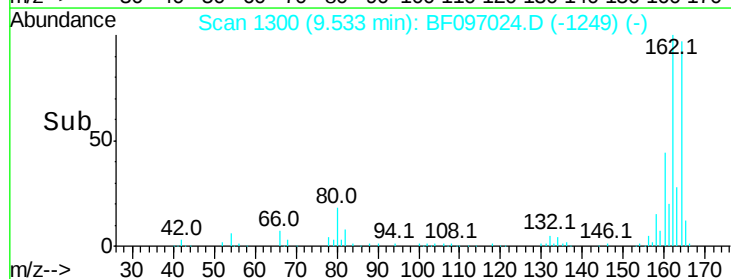
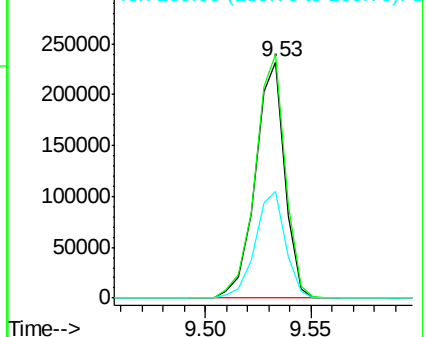
164 100

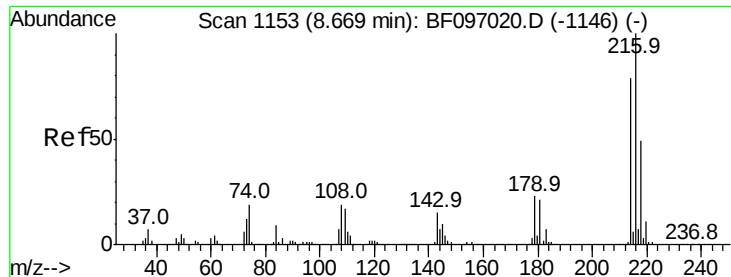
162 103.2 82.6 123.8

160 45.1 36.2 54.2



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

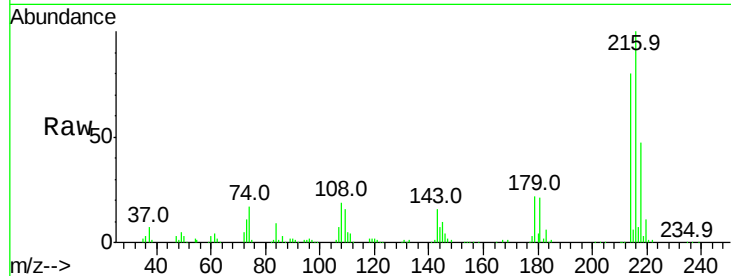




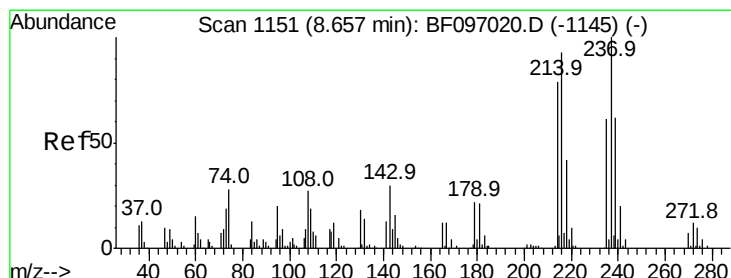
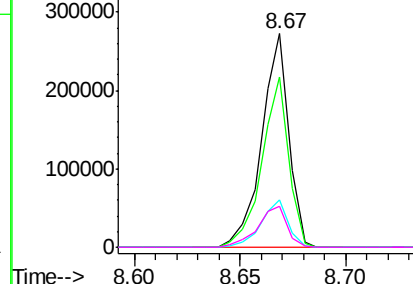
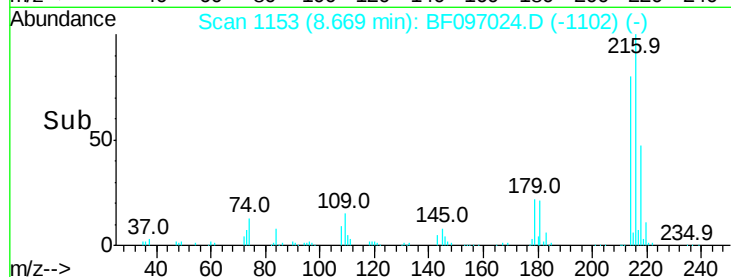
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.696 ng
 RT: 8.67 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BF097024.D
 Acq: 25 Jul 2017 12:58

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072517

Tot Ion:	216	Resp:	244583
Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.4	95.2
179	22.1	17.9	26.9
108	20.7	16.5	24.7

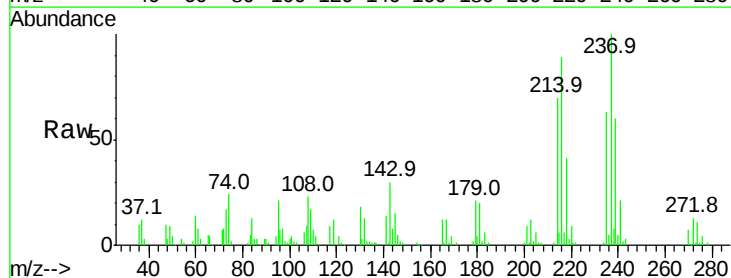


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

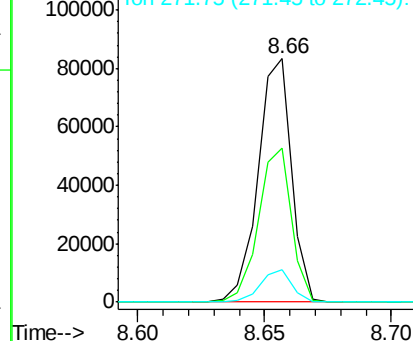
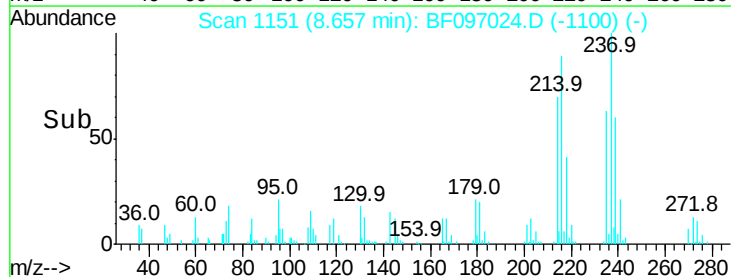


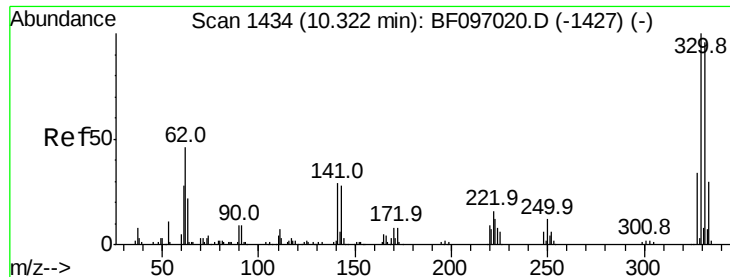
#40
 Hexachlorocyclopentadiene
 Concen: 40.057 ng
 RT: 8.66 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BF097024.D
 Acq: 25 Jul 2017 12:58

Tgt Ion:	237	Resp:	76648
Ion	Ratio	Lower	Upper
237	100		
235	63.1	42.6	82.6
272	13.3	0.0	31.9



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





#41

2,4,6-Tribromophenol

Concen: 79.804 ng

RT: 10.32 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BF097024.D

Acq: 25 Jul 2017 12:58

Instrument :

BNA_F

ClientSampleId :

ICVBF072517

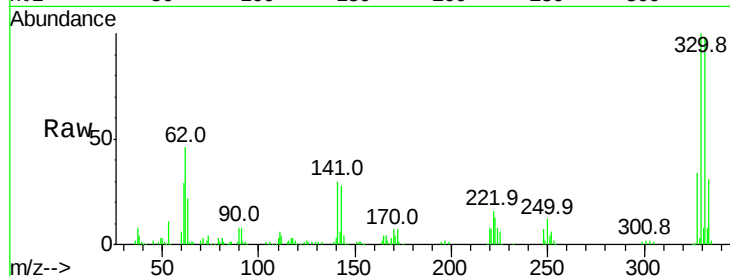
Tot Ion:330 Resp: 142021

Ion Ratio Lower Upper

330 100

332 98.4 76.6 115.0

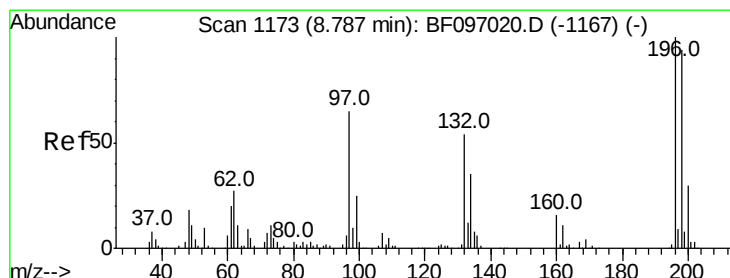
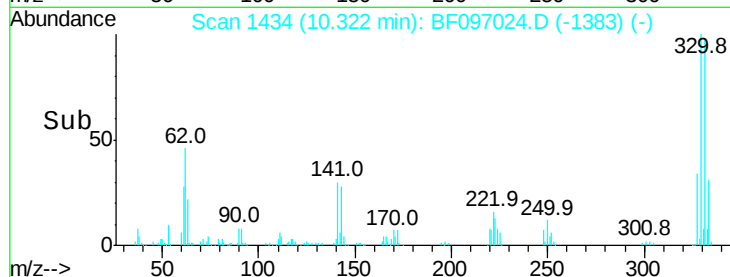
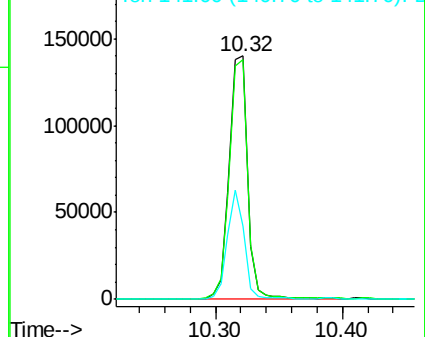
141 41.7 31.4 47.2



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 38.938 ng

RT: 8.79 min Scan# 1173

Delta R.T. -0.00 min

Lab File: BF097024.D

Acq: 25 Jul 2017 12:58

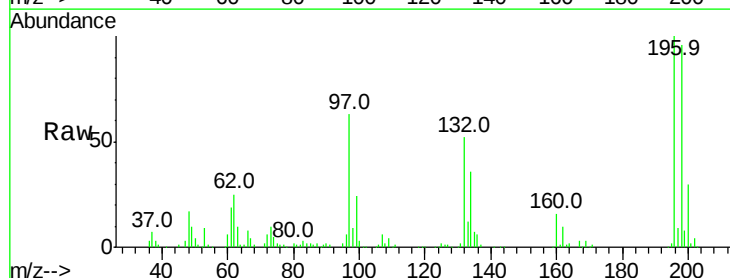
Tgt Ion:196 Resp: 169587

Ion Ratio Lower Upper

196 100

198 96.1 74.2 111.4

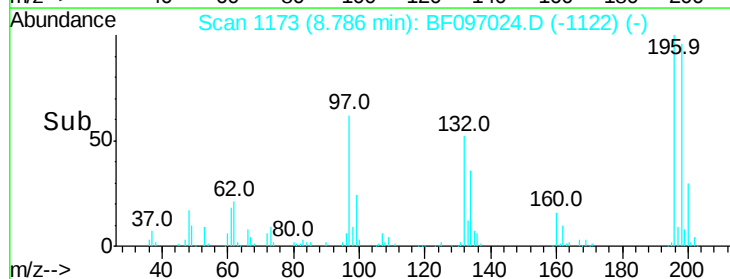
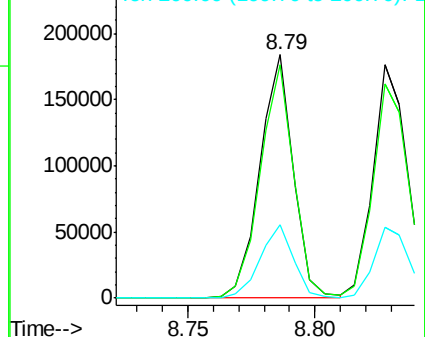
200 29.9 24.0 36.0



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

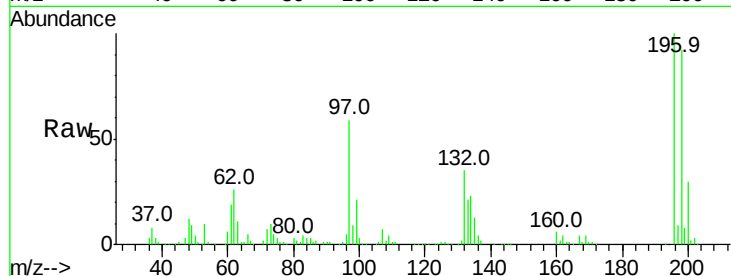




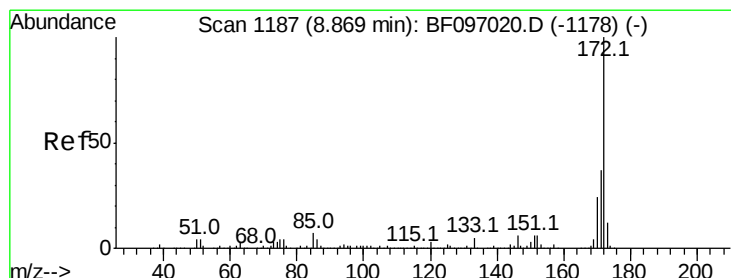
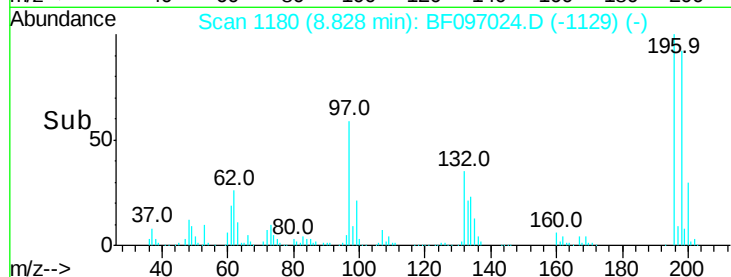
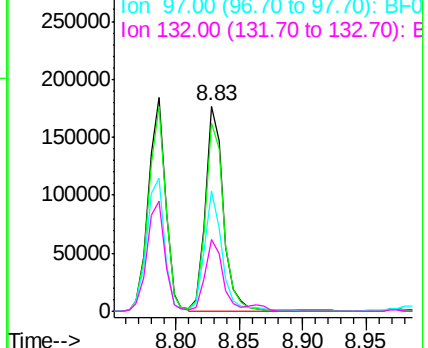
#43
 2,4,5-Trichlorophenol
 Concen: 40.159 ng
 RT: 8.83 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF097024.D
 Acq: 25 Jul 2017 12:58

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072517

Tot Ion:196 Resp: 175066
 Ion Ratio Lower Upper
 196 100
 198 91.7 75.7 113.5
 97 58.6 47.7 71.5
 132 34.9 28.0 42.0

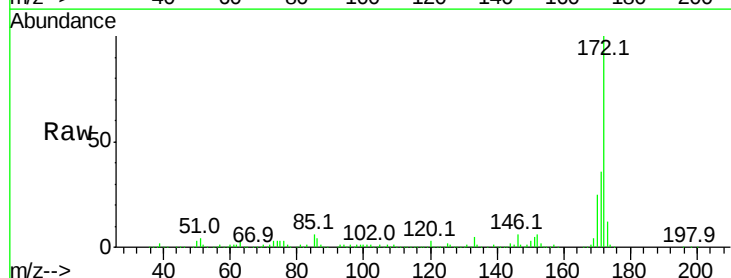


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

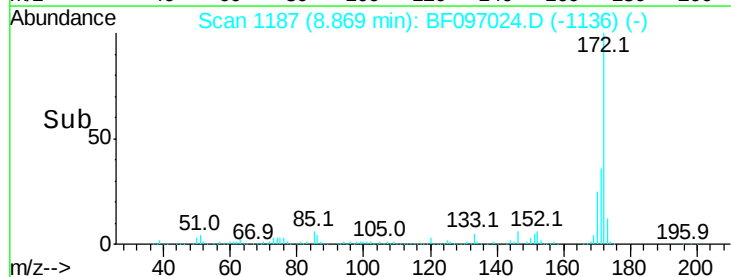
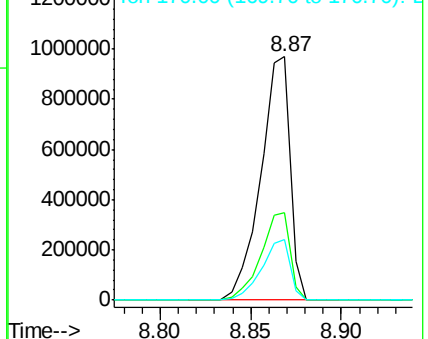


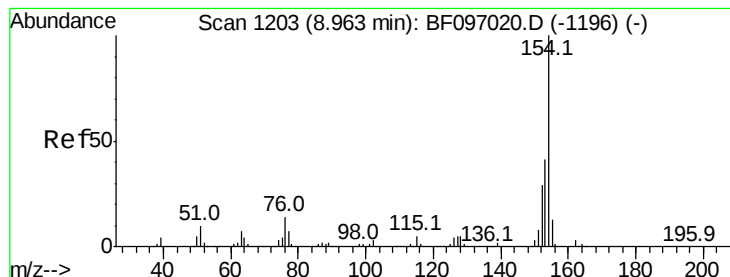
#44
 2-Fluorobiphenyl
 Concen: 82.182 ng
 RT: 8.87 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: BF097024.D
 Acq: 25 Jul 2017 12:58

Tgt Ion:172 Resp: 1090730
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 24.9 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 40.430 ng

RT: 8.96 min Scan# 1203

Delta R.T. -0.00 min

Lab File: BF097024.D

Acq: 25 Jul 2017 12:58

Instrument :

BNA_F

ClientSampleId :

ICVBF072517

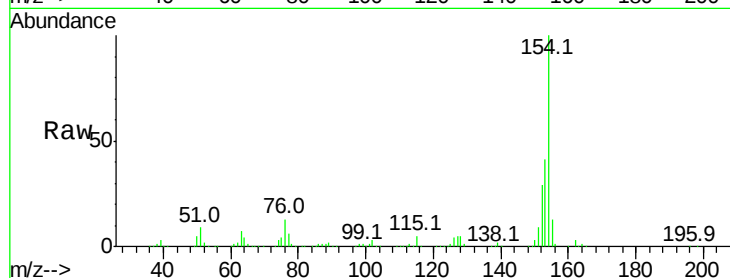
Tot Ion:154 Resp: 777832

Ion Ratio Lower Upper

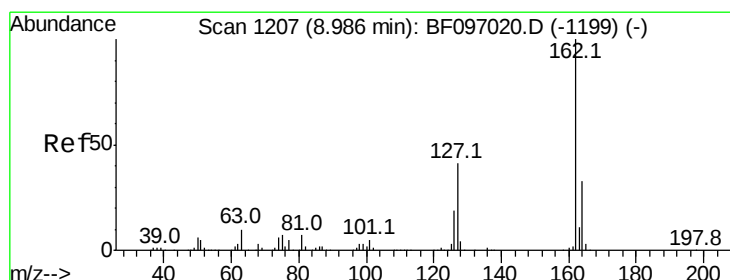
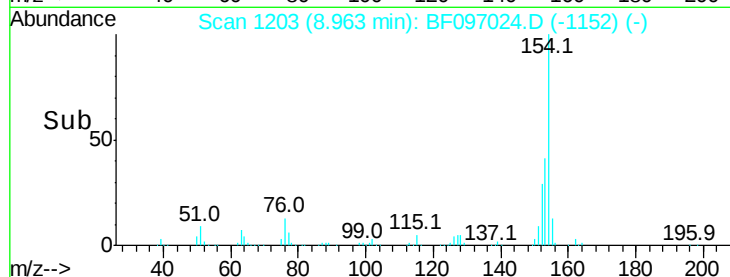
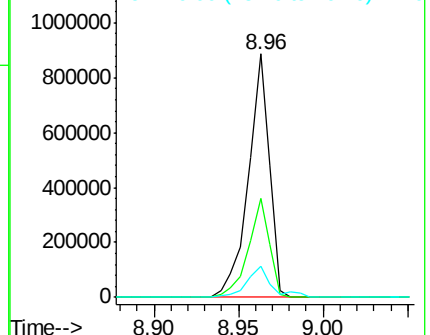
154 100

153 40.8 21.2 61.2

76 12.9 0.0 29.9



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



#46

2-Chloronaphthalene

Concen: 39.650 ng

RT: 8.98 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF097024.D

Acq: 25 Jul 2017 12:58

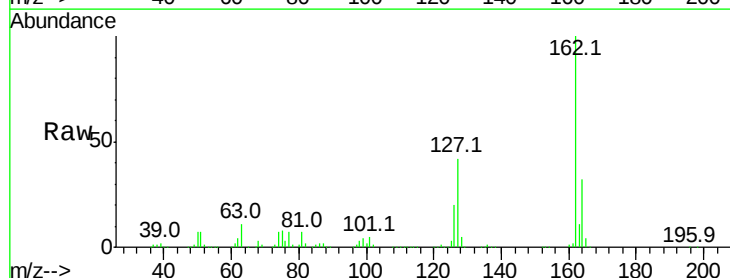
Tgt Ion:162 Resp: 561348

Ion Ratio Lower Upper

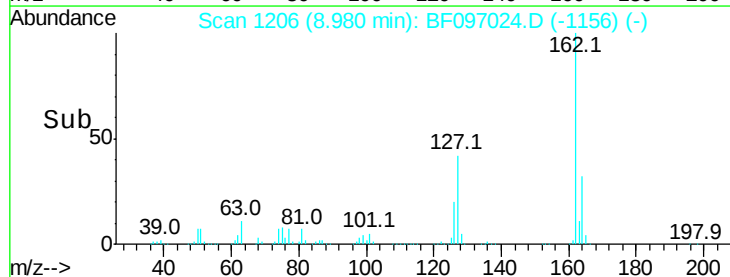
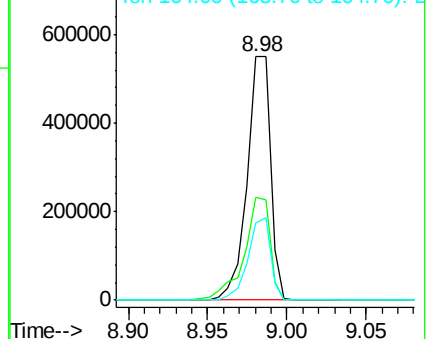
162 100

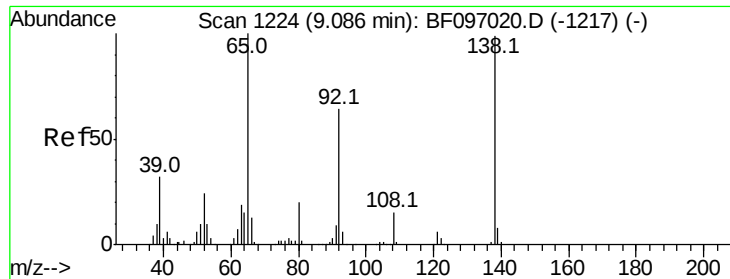
127 42.0 28.3 42.5

164 31.8 27.0 40.4



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





#47

2-Nitroaniline

Concen: 38.086 ng

RT: 9.09 min Scan# 1224

Delta R.T. -0.00 min

Lab File: BF097024.D

Acq: 25 Jul 2017 12:58

Instrument :

BNA_F

ClientSampleId :

ICVBF072517

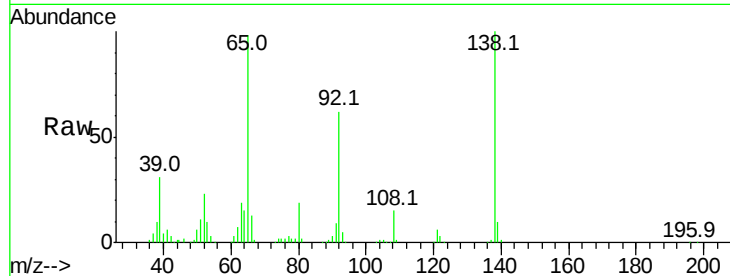
Tot Ion: 65 Resp: 195684

Ion Ratio Lower Upper

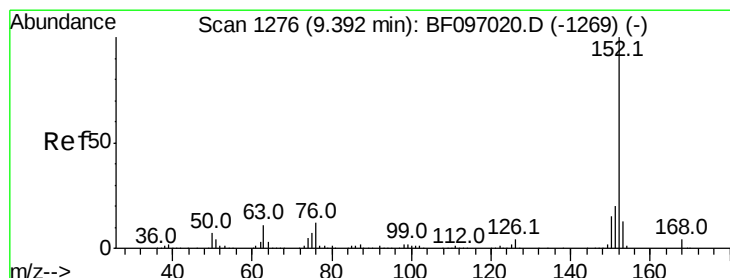
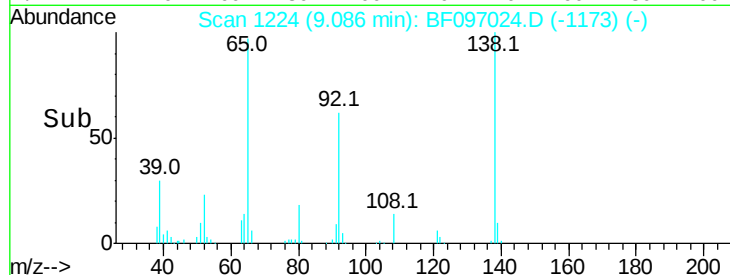
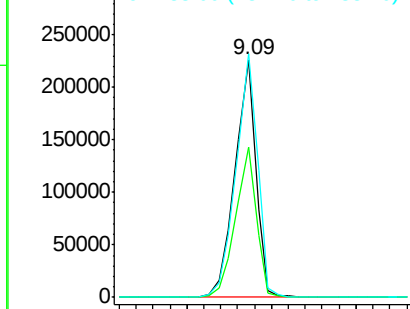
65 100

92 63.3 53.9 80.9

138 102.5 78.8 118.2



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 39.188 ng

RT: 9.39 min Scan# 1276

Delta R.T. -0.00 min

Lab File: BF097024.D

Acq: 25 Jul 2017 12:58

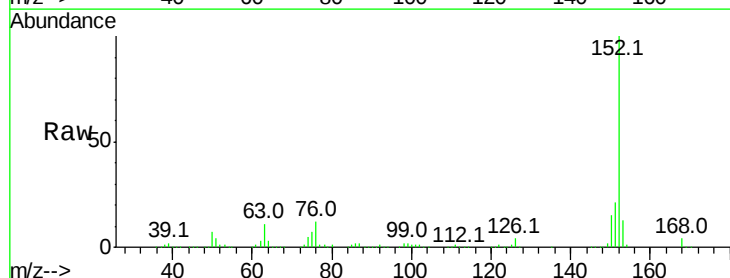
Tgt Ion: 152 Resp: 851590

Ion Ratio Lower Upper

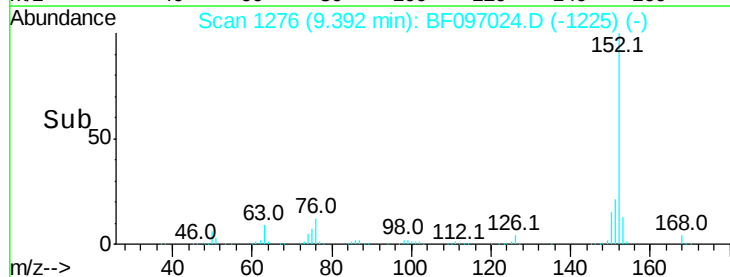
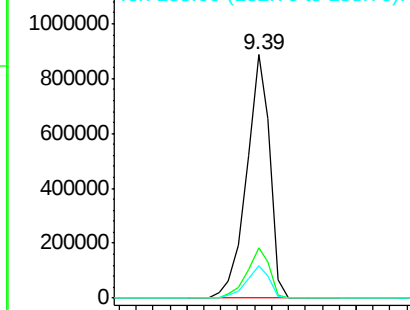
152 100

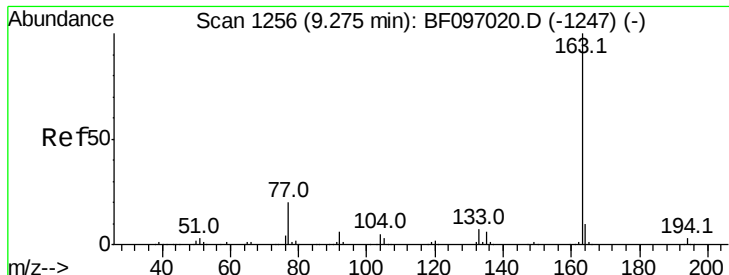
151 20.8 16.8 25.2

153 13.4 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

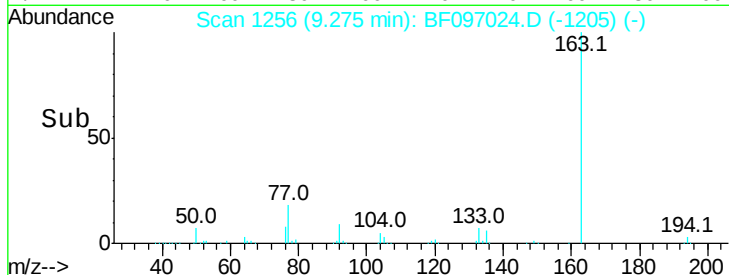
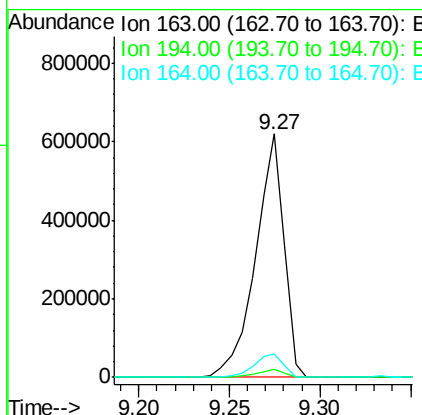
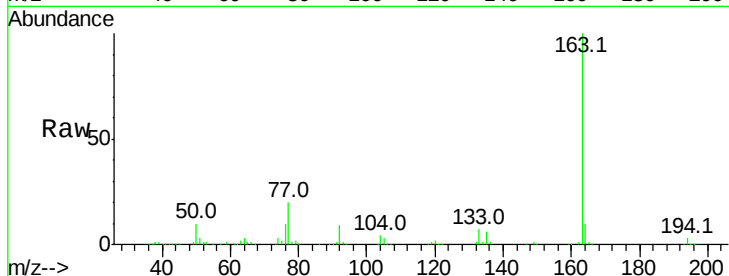




#49
Dimethylphthalate
Concen: 39.285 ng
RT: 9.27 min Scan# 1256
Delta R.T. -0.00 min
Lab File: BF097024.D
Acq: 25 Jul 2017 12:58

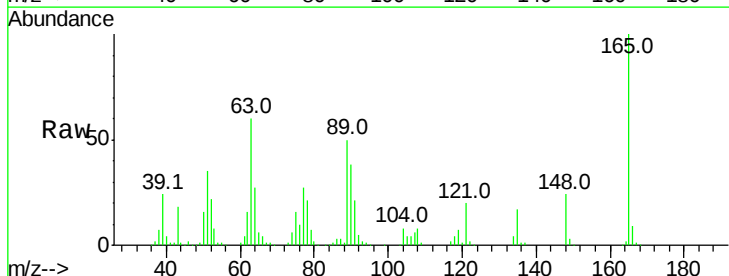
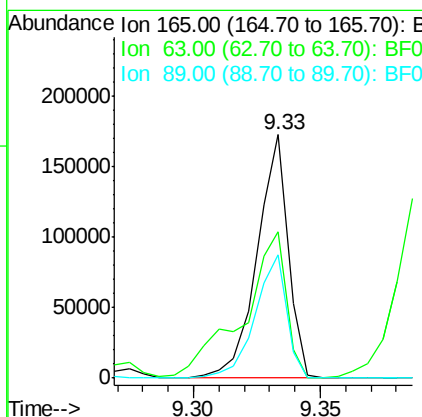
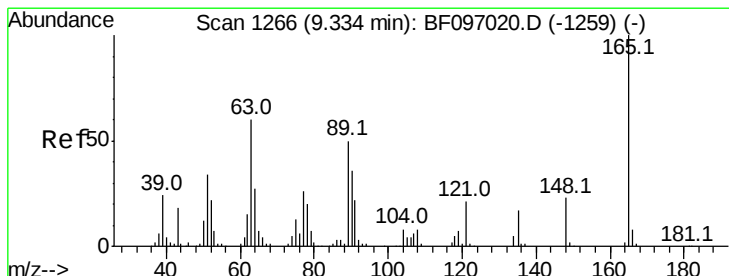
Instrument :
BNA_F
ClientSampleId :
ICVBF072517

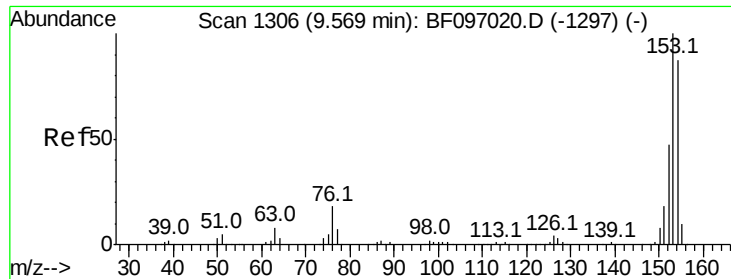
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	9.7	8.4	12.6



#50
2,6-Dinitrotoluene
Concen: 40.924 ng
RT: 9.33 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BF097024.D
Acq: 25 Jul 2017 12:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	59.9	34.3	51.5#
89	50.4	37.1	55.7





#51

Acenaphthene

Concen: 39.070 ng

RT: 9.57 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BF097024.D

Acq: 25 Jul 2017 12:58

Instrument :

BNA_F

ClientSampleId :

ICVBF072517

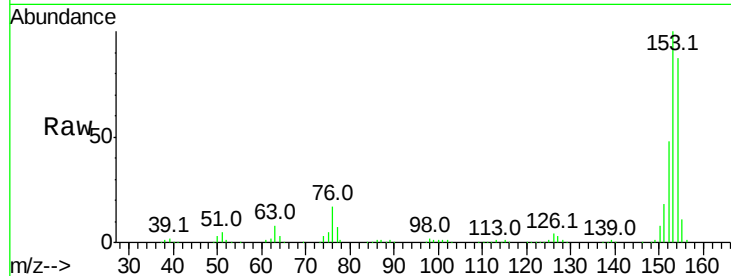
Tot Ion:154 Resp: 500105

Ion Ratio Lower Upper

154 100

153 114.7 90.5 135.7

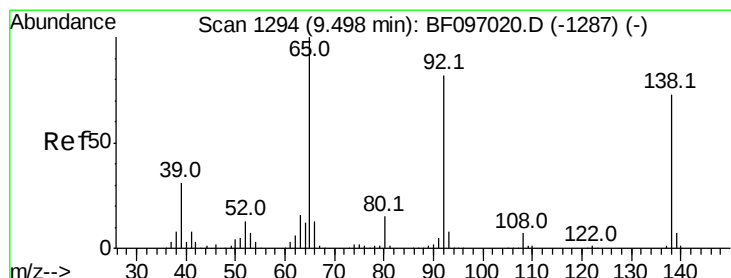
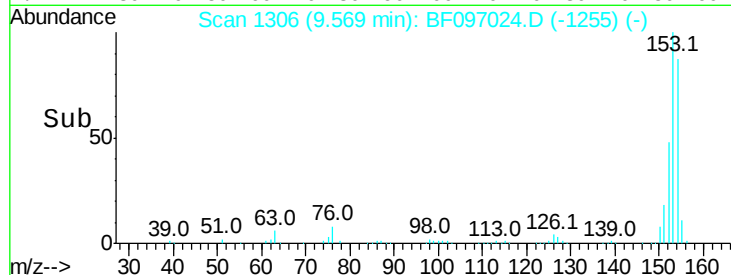
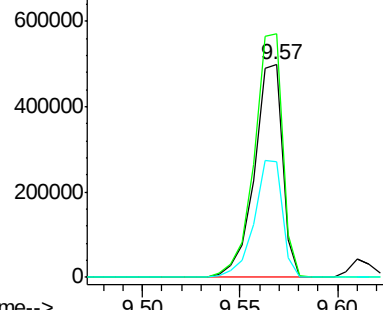
152 54.7 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 38.532 ng

RT: 9.50 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BF097024.D

Acq: 25 Jul 2017 12:58

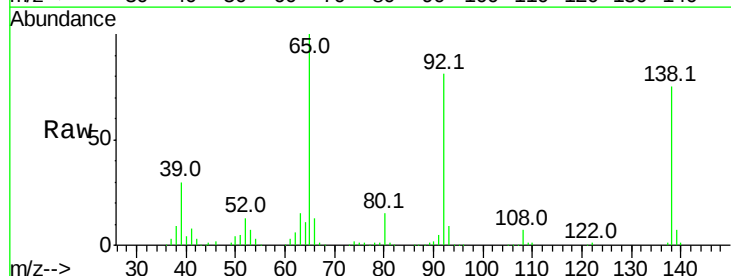
Tgt Ion:138 Resp: 173506

Ion Ratio Lower Upper

138 100

108 9.5 9.1 13.7

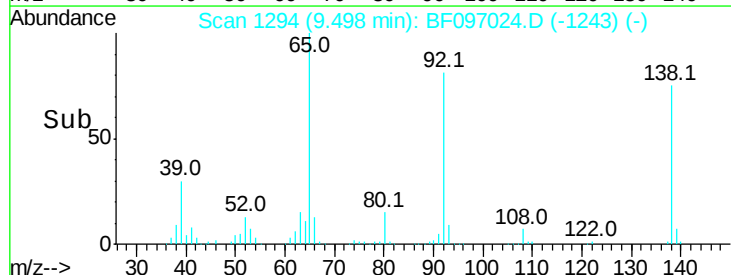
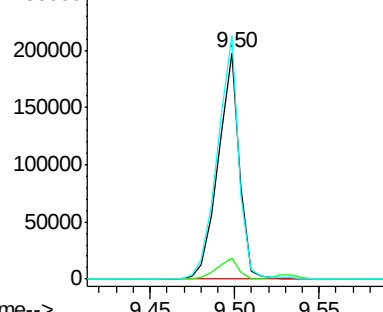
92 107.7 93.8 140.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

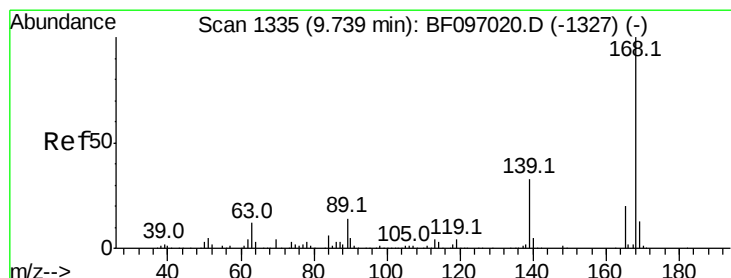
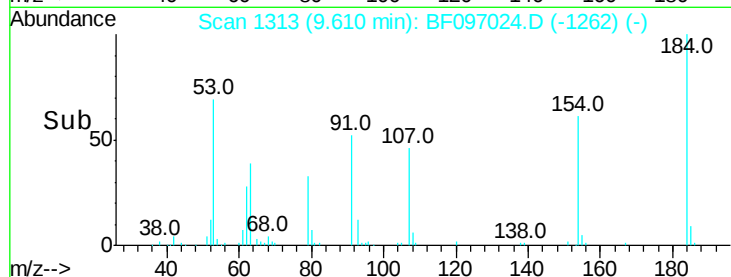
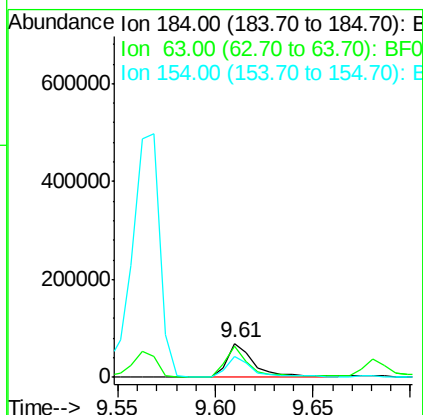
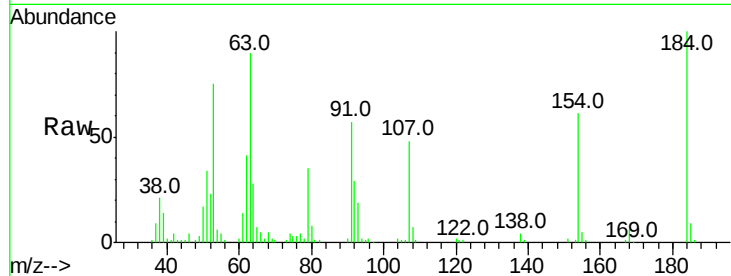




#53
2,4-Dinitrophenol
Concen: 42.200 ng
RT: 9.61 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF097024.D
Acq: 25 Jul 2017 12:58

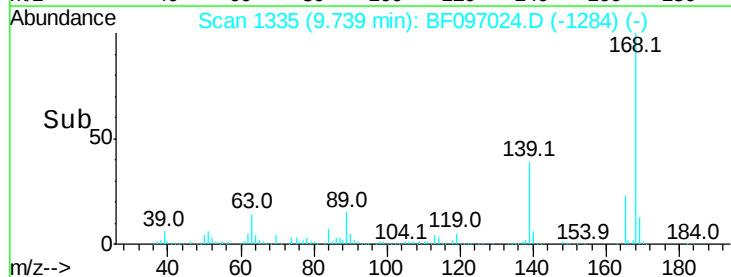
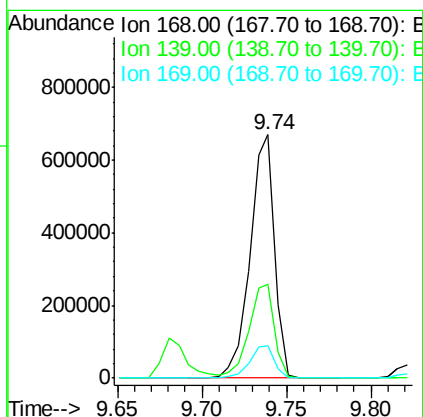
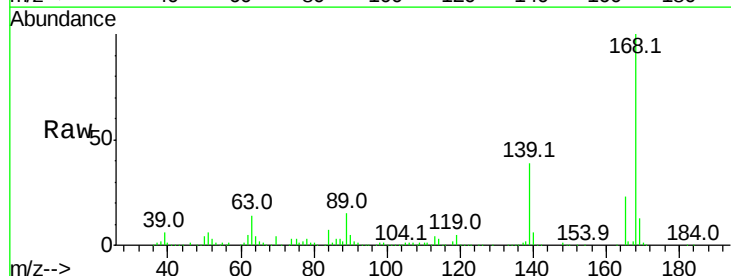
Instrument :
BNA_F
ClientSampleId :
ICVBF072517

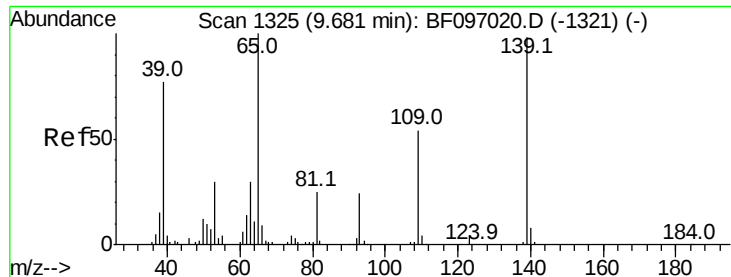
Tot Ion:184 Resp: 69607
Ion Ratio Lower Upper
184 100
63 89.5 62.7 94.1
154 60.8 81.1 121.7#



#54
Dibenzofuran
Concen: 39.621 ng
RT: 9.74 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BF097024.D
Acq: 25 Jul 2017 12:58

Tgt Ion:168 Resp: 675527
Ion Ratio Lower Upper
168 100
139 38.7 30.6 45.8
169 13.1 10.8 16.2





#55

4-Nitrophenol

Concen: 41.816 ng

RT: 9.68 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF097024.D

Acq: 25 Jul 2017 12:58

Instrument :

BNA_F

ClientSampleId :

ICVBF072517

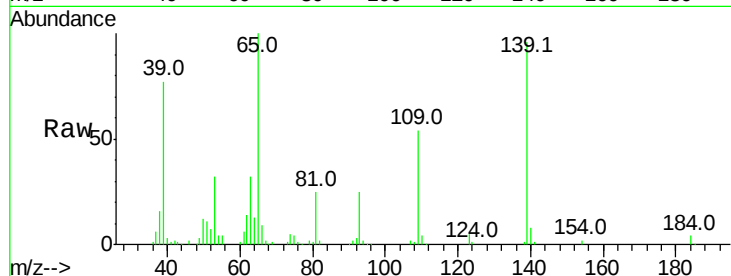
Tot Ion:139 Resp: 111975

Ion Ratio Lower Upper

139 100

109 56.6 34.1 74.1

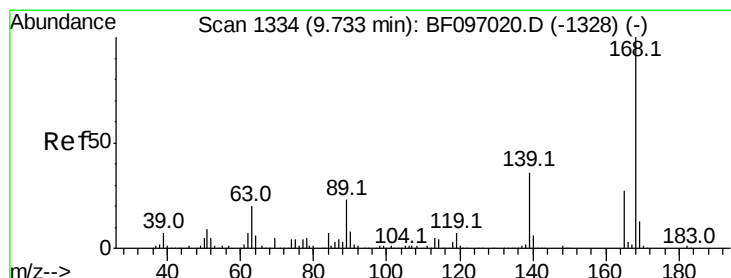
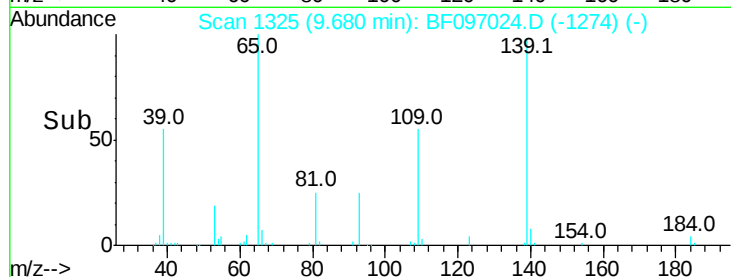
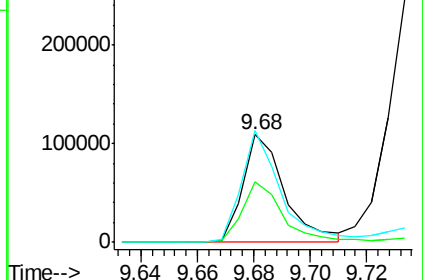
65 104.1 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 39.677 ng

RT: 9.73 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BF097024.D

Acq: 25 Jul 2017 12:58

Tgt Ion:165 Resp: 165469

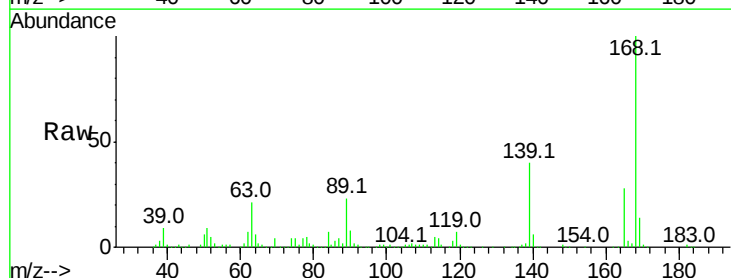
Ion Ratio Lower Upper

165 100

63 74.9 25.4 38.0#

89 82.0 46.4 69.6#

182 2.1 1.8 2.6

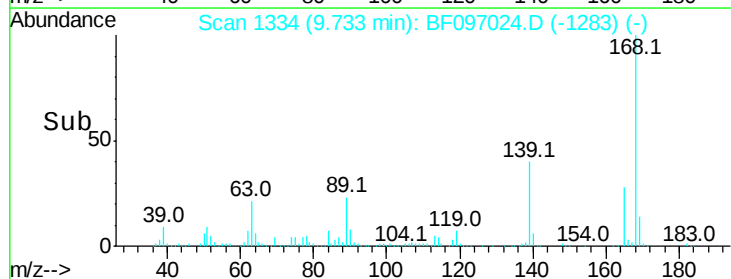
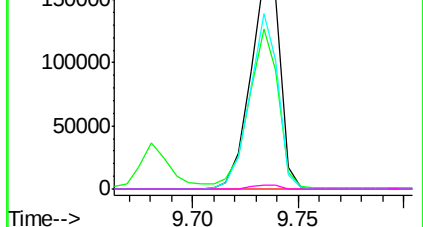


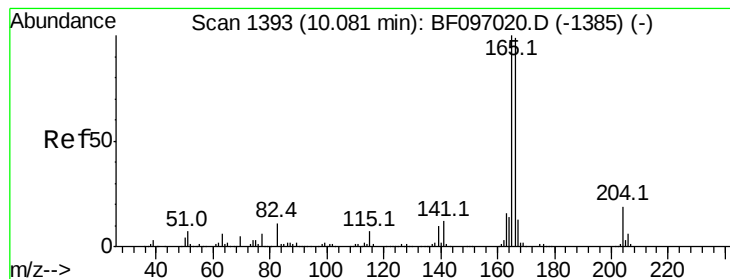
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 40.706 ng

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: BF097024.D

Acq: 25 Jul 2017 12:58

Instrument :

BNA_F

ClientSampleId :

ICVBF072517

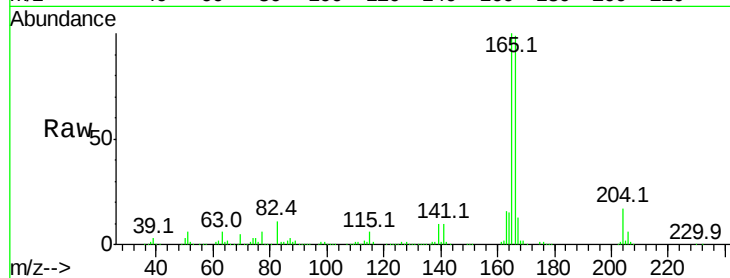
Tot Ion:166 Resp: 521628

Ion Ratio Lower Upper

166 100

165 100.6 78.8 118.2

167 12.9 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

600000

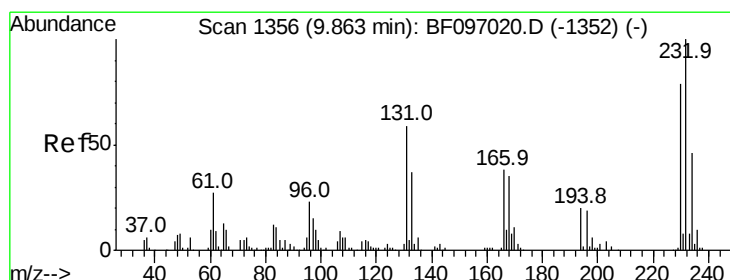
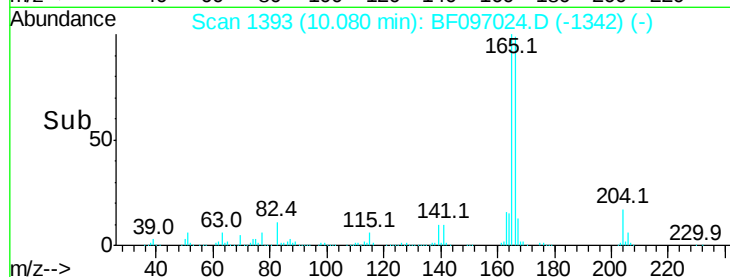
400000

200000

0

10.08

Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.712 ng

RT: 9.86 min Scan# 1356

Delta R.T. -0.00 min

Lab File: BF097024.D

Acq: 25 Jul 2017 12:58

Tgt Ion:232 Resp: 122542

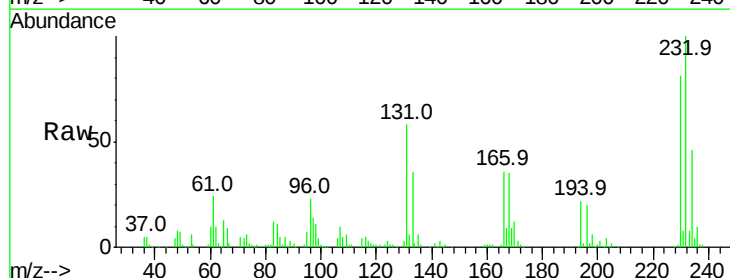
Ion Ratio Lower Upper

232 100

131 55.5 44.8 67.2

130 2.5 2.3 3.5

166 34.9 29.0 43.4



Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

200000

150000

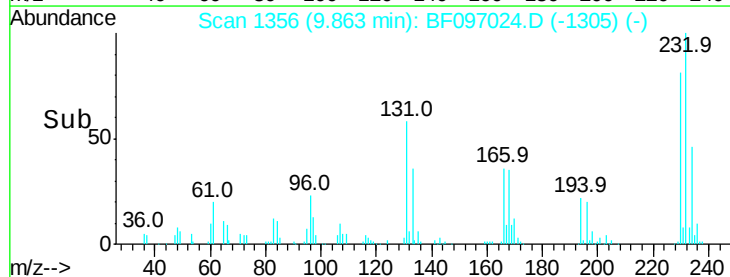
100000

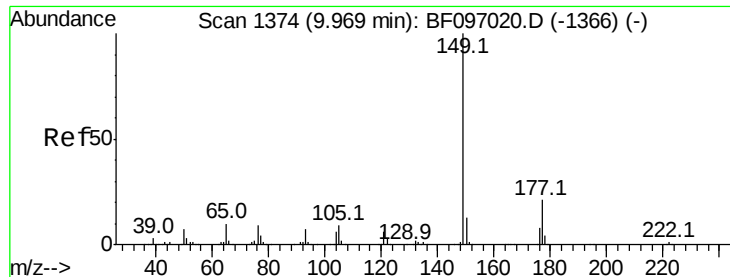
50000

0

9.86

Time-->

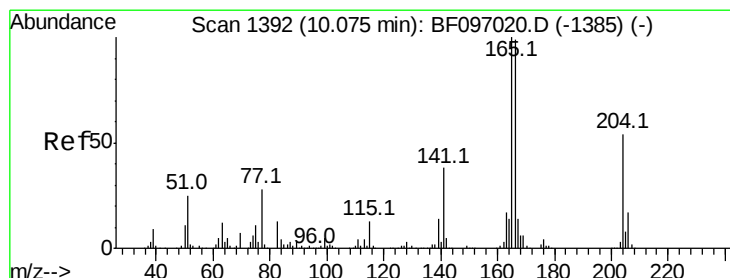
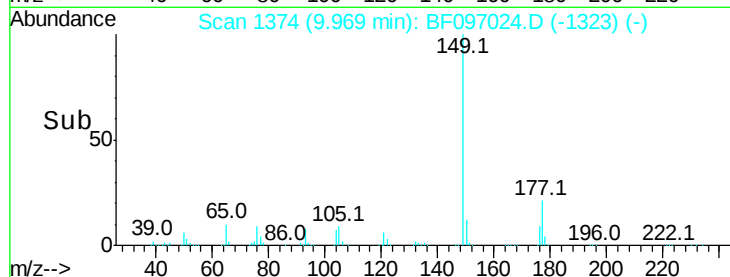
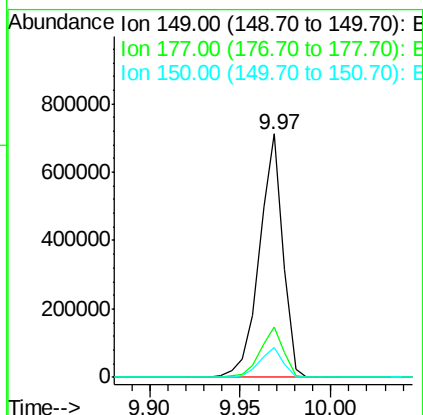
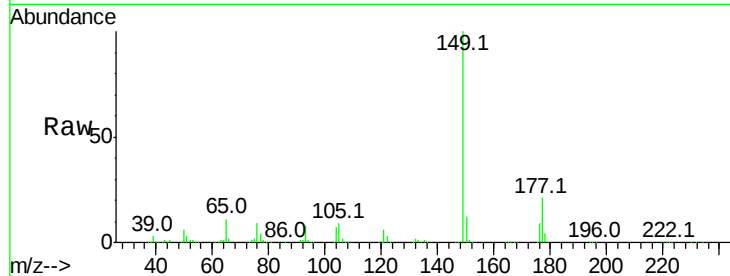




#59
Diethylphthalate
Concen: 40.686 ng
RT: 9.97 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BF097024.D
Acq: 25 Jul 2017 12:58

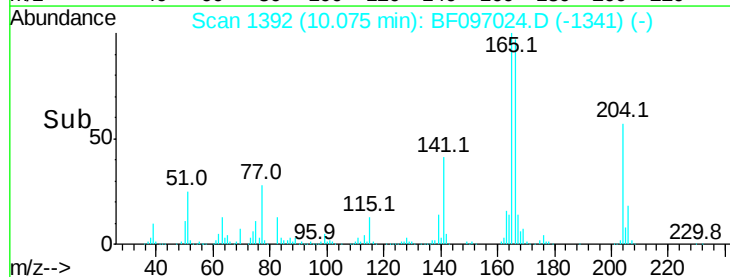
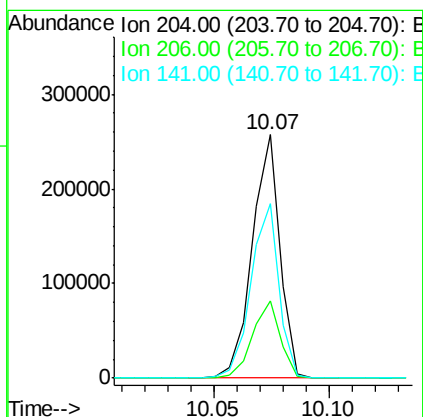
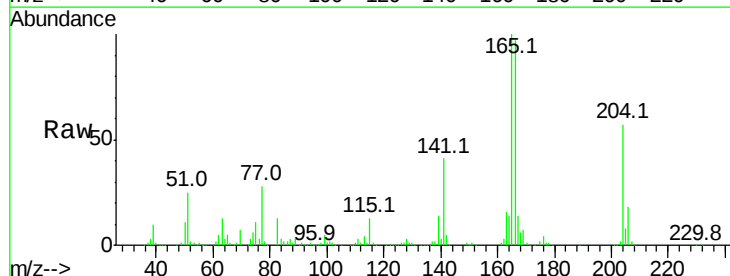
Instrument :
BNA_F
ClientSampleId :
ICVBF072517

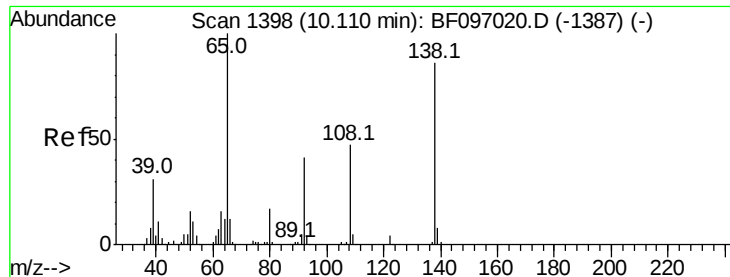
Tot Ion:149 Resp: 638454
Ion Ratio Lower Upper
149 100
177 20.8 16.7 25.1
150 12.5 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 40.864 ng
RT: 10.07 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF097024.D
Acq: 25 Jul 2017 12:58

Tgt Ion:204 Resp: 216234
Ion Ratio Lower Upper
204 100
206 31.7 26.2 39.2
141 71.8 60.8 91.2

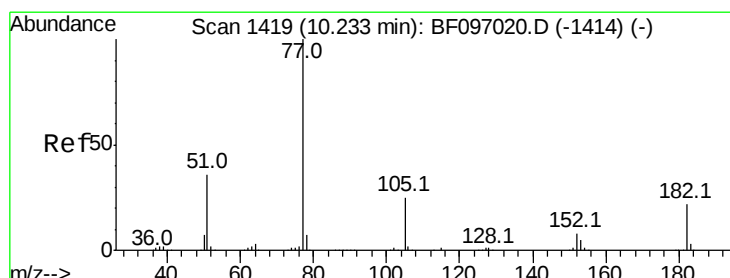
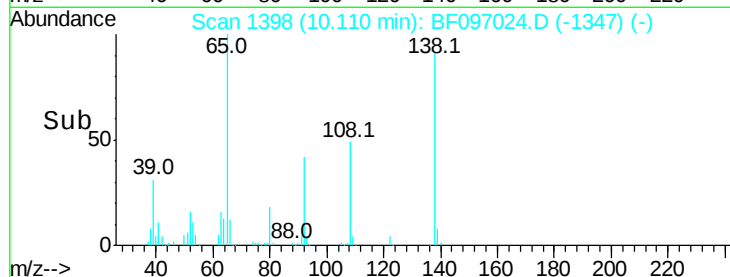
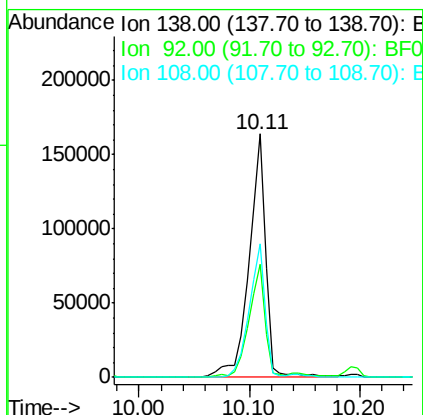
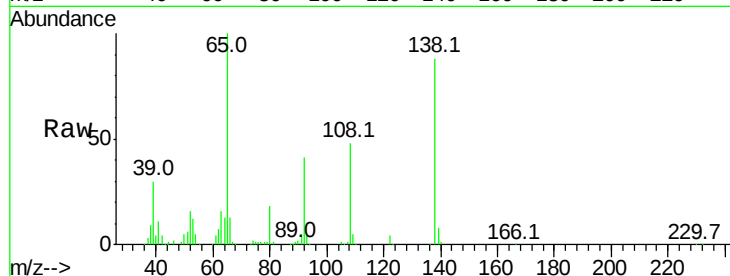




#61
4-Nitroaniline
Concen: 40.873 ng
RT: 10.11 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF097024.D
Acq: 25 Jul 2017 12:58

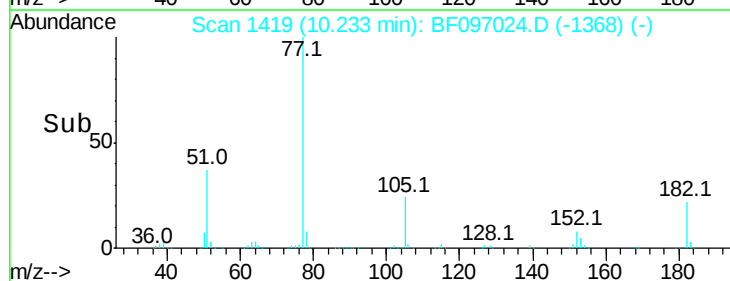
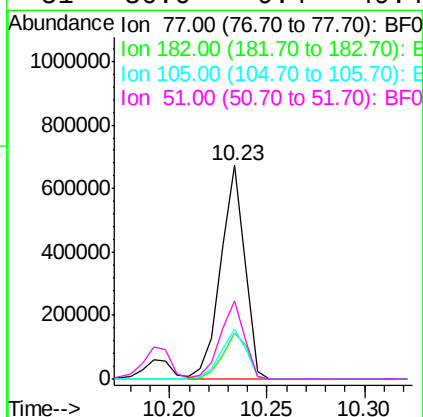
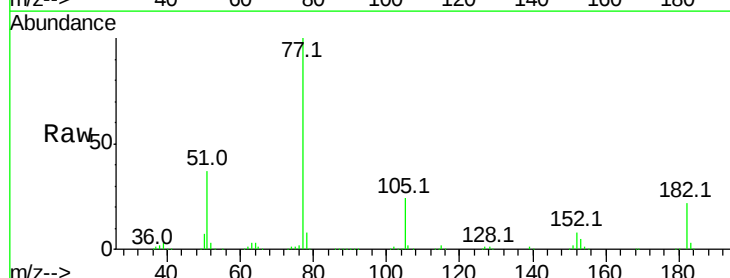
Instrument :
BNA_F
ClientSampleId :
ICVBF072517

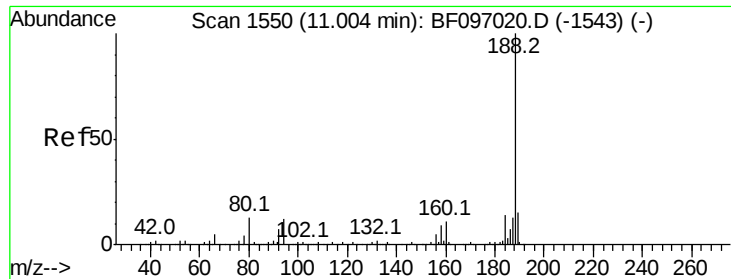
Tot Ion:138 Resp: 174879
Ion Ratio Lower Upper
138 100
92 46.6 21.8 61.8
108 54.7 42.3 82.3



#62
Azobenzene
Concen: 39.486 ng
RT: 10.23 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF097024.D
Acq: 25 Jul 2017 12:58

Tgt Ion: 77 Resp: 574822
Ion Ratio Lower Upper
77 100
182 21.8 0.1 40.1
105 23.6 3.6 43.6
51 36.6 9.4 49.4

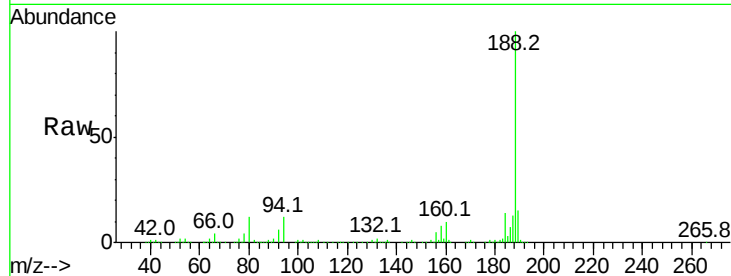




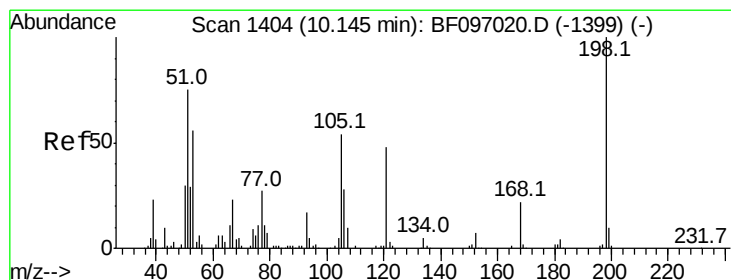
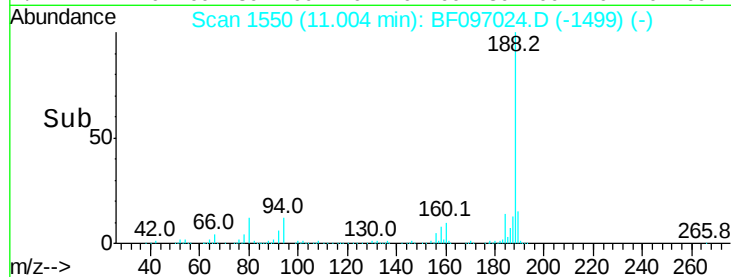
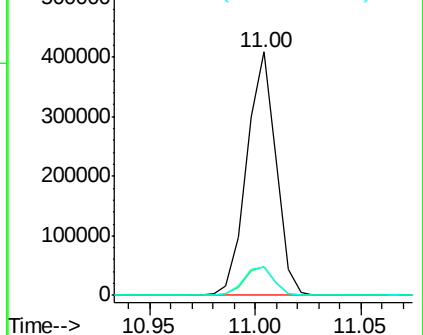
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.00 min Scan# 1550
 Delta R.T. -0.00 min
 Lab File: BF097024.D
 Acq: 25 Jul 2017 12:58

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072517

Tot Ion:188 Resp: 392046
 Ion Ratio Lower Upper
 188 100
 94 11.7 9.4 14.2
 80 11.8 10.2 15.2

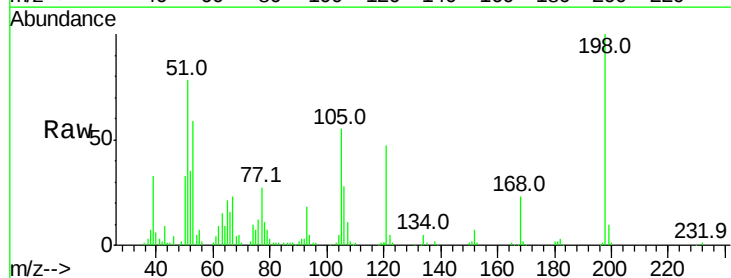


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

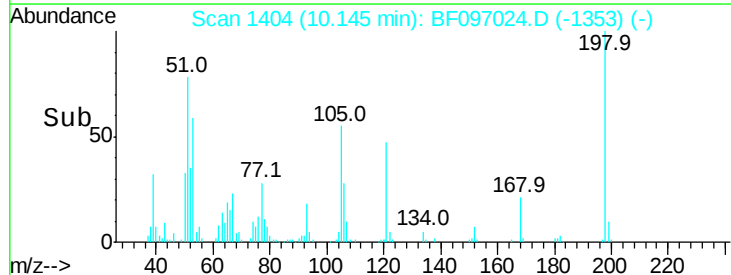
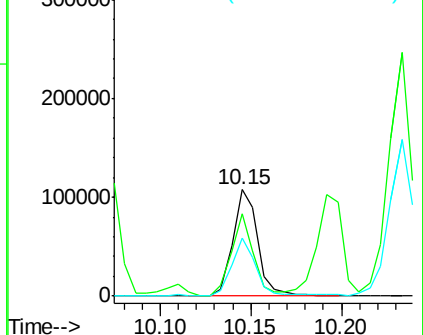


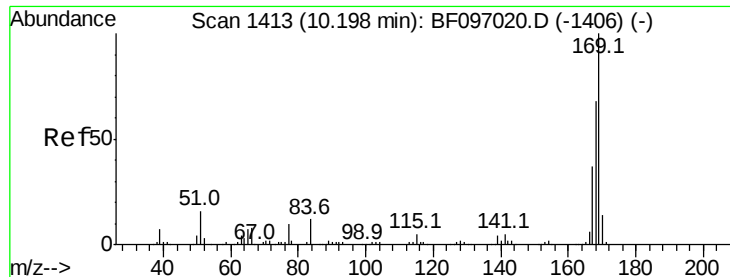
#64
 4,6-Dinitro-2-methylphenol
 Concen: 42.441 ng
 RT: 10.15 min Scan# 1404
 Delta R.T. -0.00 min
 Lab File: BF097024.D
 Acq: 25 Jul 2017 12:58

Tgt Ion:198 Resp: 103393
 Ion Ratio Lower Upper
 198 100
 51 77.8 53.2 93.2
 105 55.1 45.8 85.8



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: 37.144 ng

RT: 10.20 min Scan# 1413

Delta R.T. -0.00 min

Lab File: BF097024.D

Acq: 25 Jul 2017 12:58

Instrument :

BNA_F

ClientSampleId :

ICVBF072517

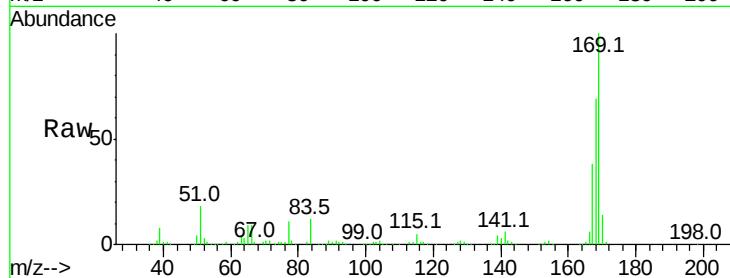
Tot Ion:169 Resp: 506681

Ion Ratio Lower Upper

169 100

168 69.1 53.2 79.8

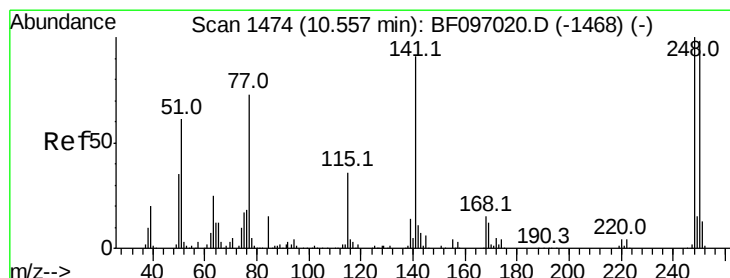
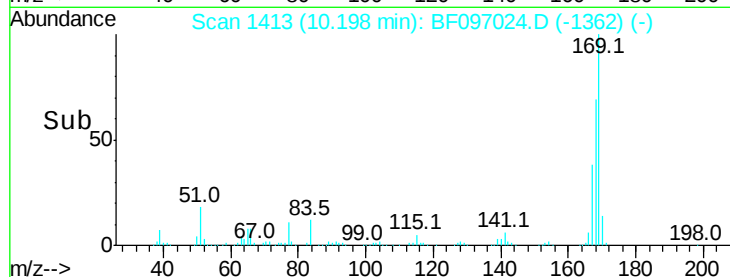
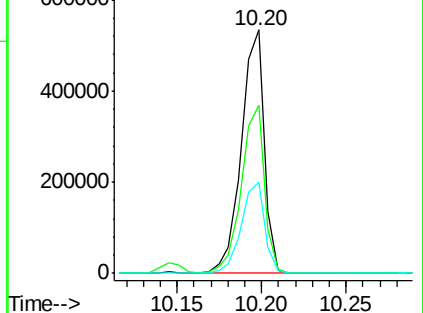
167 37.7 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.358 ng

RT: 10.56 min Scan# 1474

Delta R.T. -0.00 min

Lab File: BF097024.D

Acq: 25 Jul 2017 12:58

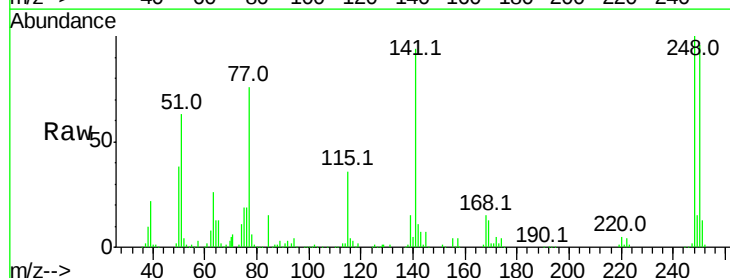
Tgt Ion:248 Resp: 157899

Ion Ratio Lower Upper

248 100

250 96.5 76.8 115.2

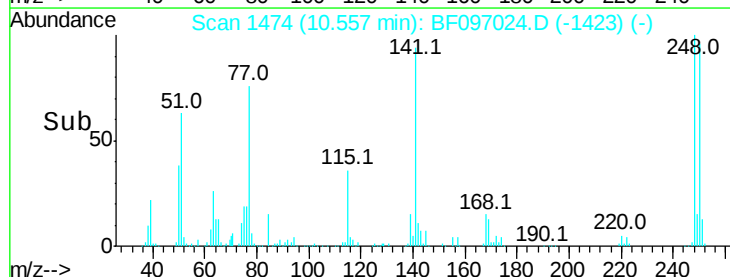
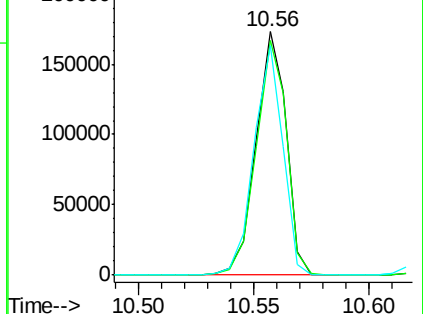
141 94.3 68.6 103.0



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

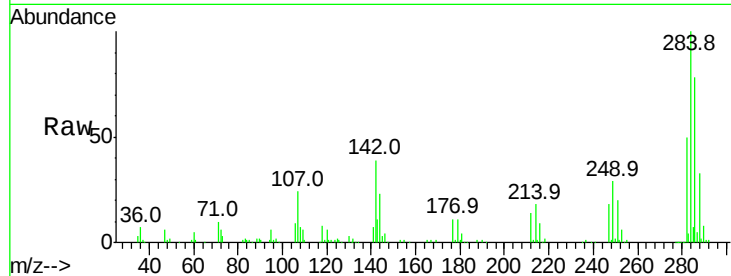




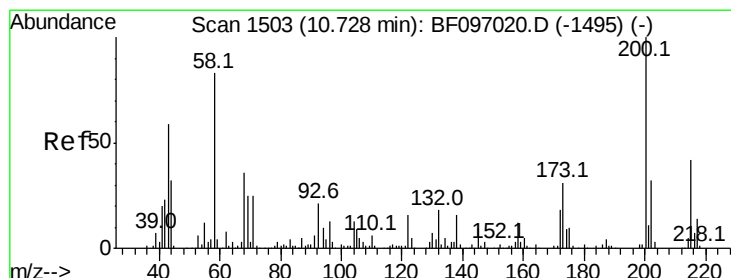
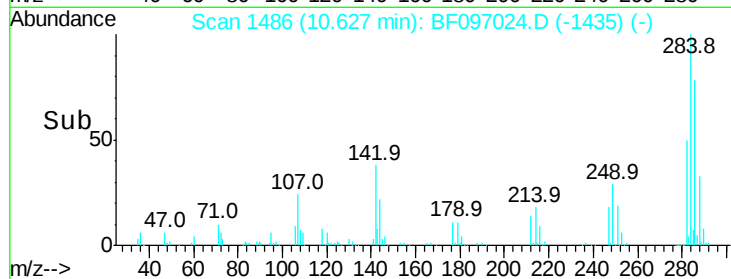
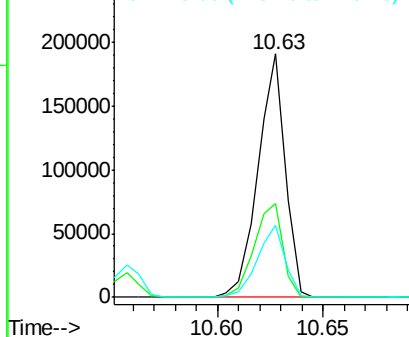
#67
Hexachlorobenzene
Concen: 39.075 ng
RT: 10.63 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BF097024.D
Acq: 25 Jul 2017 12:58

Instrument :
BNA_F
ClientSampleId :
ICVBF072517

Tot Ion:284 Resp: 171440
Ion Ratio Lower Upper
284 100
142 38.8 22.8 34.2#
249 29.4 24.0 36.0

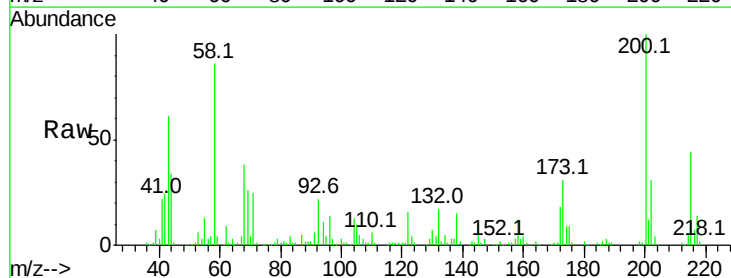


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

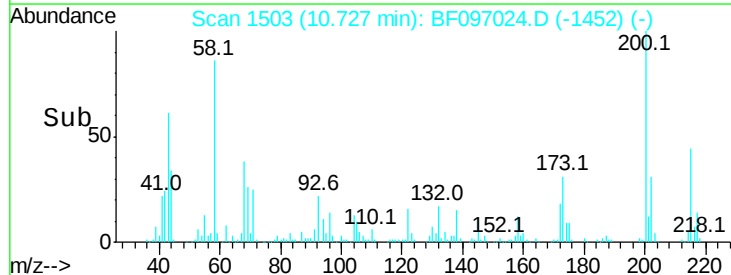
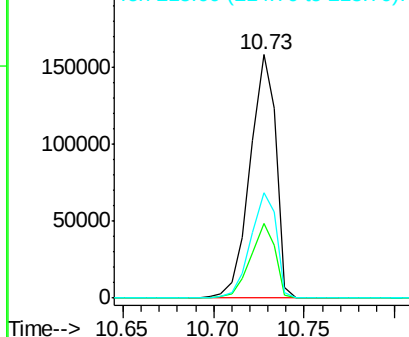


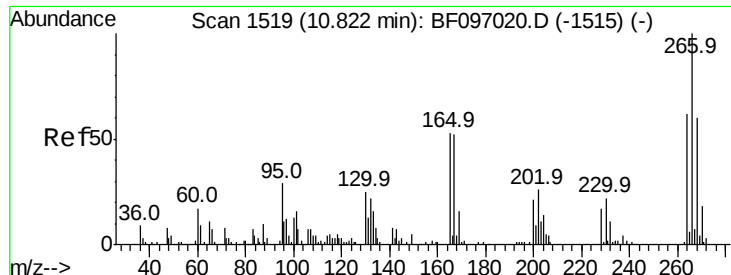
#68
Atrazine
Concen: 40.124 ng
RT: 10.73 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BF097024.D
Acq: 25 Jul 2017 12:58

Tgt Ion:200 Resp: 156947
Ion Ratio Lower Upper
200 100
173 30.8 6.3 46.3
215 43.5 27.2 67.2



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

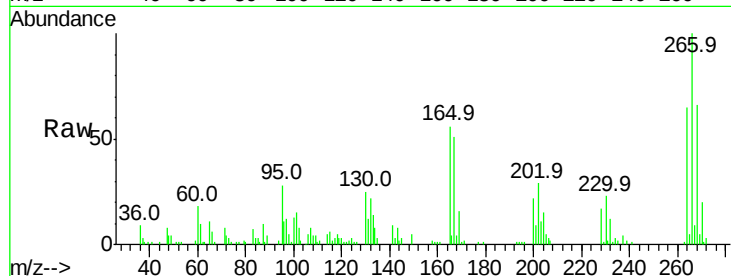




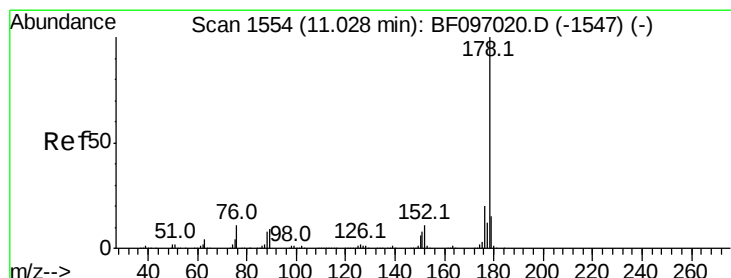
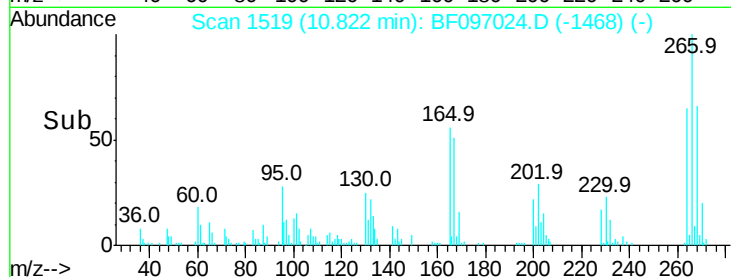
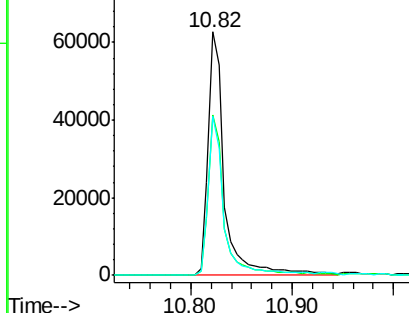
#69
 Pentachlorophenol
 Concen: 38.843 ng
 RT: 10.82 min Scan# 1519
 Delta R.T. 0.00 min
 Lab File: BF097024.D
 Acq: 25 Jul 2017 12:58

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072517

Tot Ion:266 Resp: 70514
 Ion Ratio Lower Upper
 266 100
 268 66.1 51.1 76.7
 264 65.4 51.7 77.5

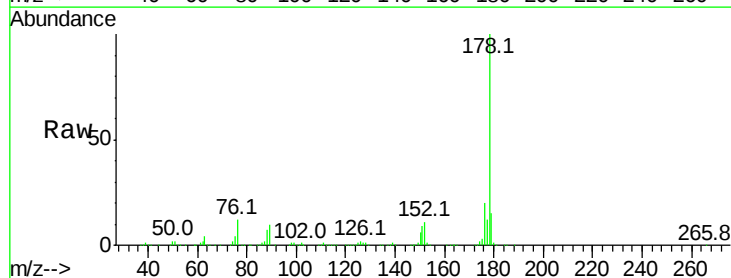


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

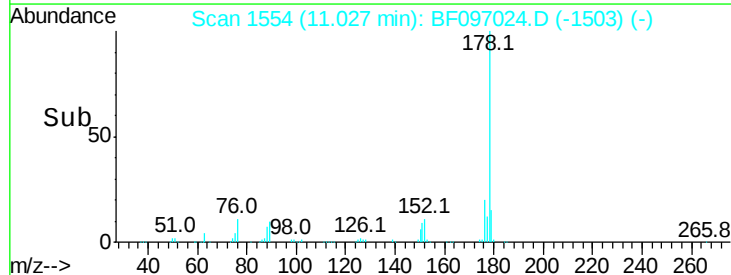
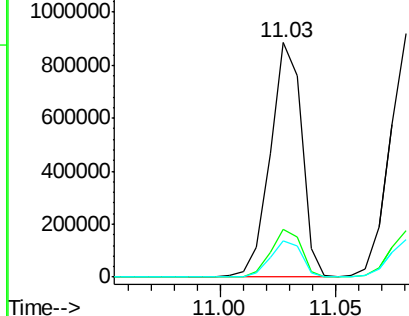


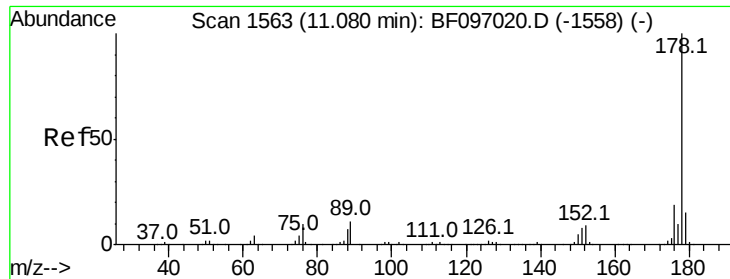
#70
 Phenanthrene
 Concen: 39.758 ng
 RT: 11.03 min Scan# 1554
 Delta R.T. -0.00 min
 Lab File: BF097024.D
 Acq: 25 Jul 2017 12:58

Tgt Ion:178 Resp: 835157
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.2 24.4
 179 15.3 12.6 19.0



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





#71

Anthracene

Concen: 38.499 ng

RT: 11.08 min Scan# 1563

Delta R.T. -0.00 min

Lab File: BF097024.D

Acq: 25 Jul 2017 12:58

Instrument :

BNA_F

ClientSampleId :

ICVBF072517

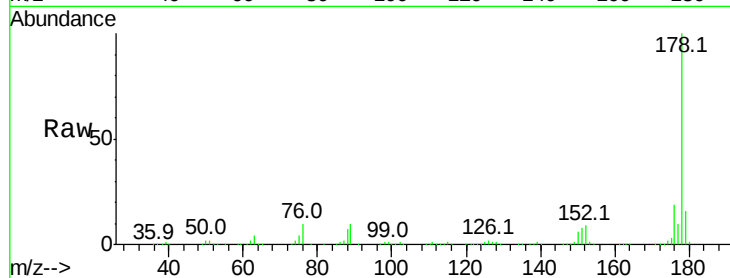
Tot Ion:178 Resp: 828293

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.8

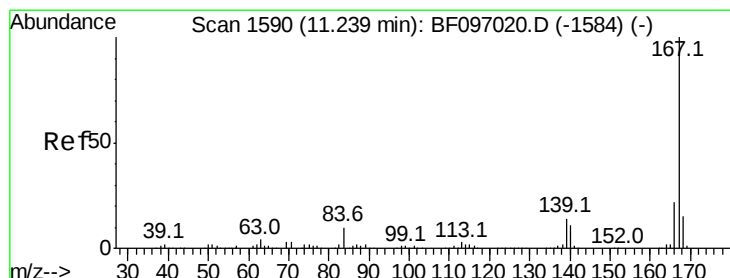
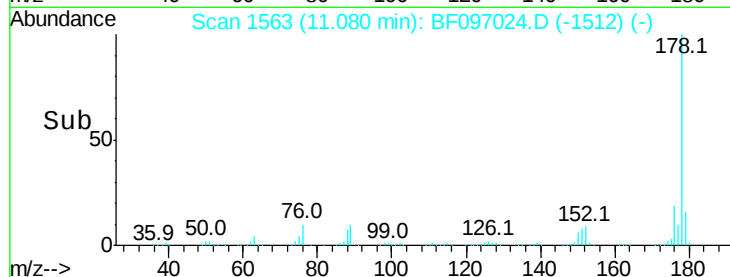
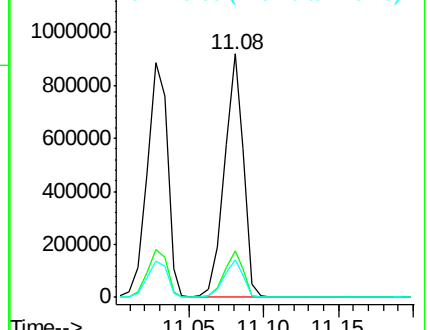
179 15.5 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.675 ng

RT: 11.24 min Scan# 1590

Delta R.T. -0.00 min

Lab File: BF097024.D

Acq: 25 Jul 2017 12:58

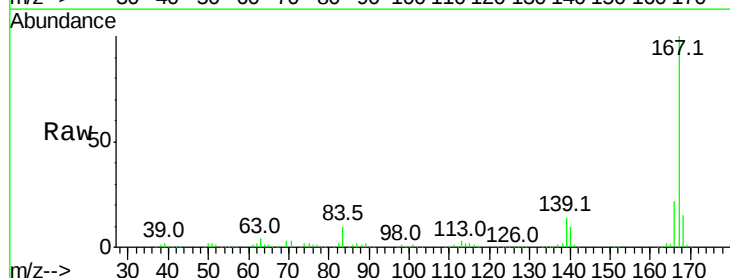
Tgt Ion:167 Resp: 818334

Ion Ratio Lower Upper

167 100

166 22.2 18.1 27.1

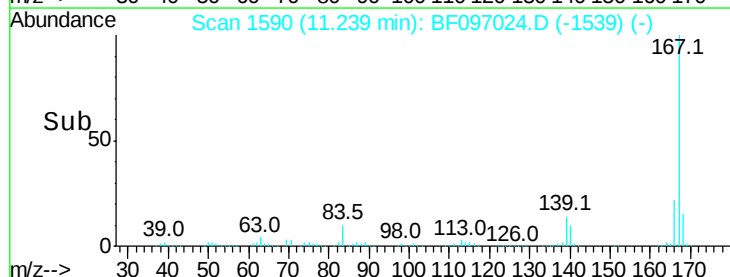
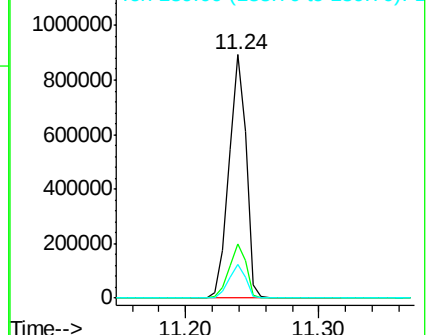
139 14.0 11.7 17.5

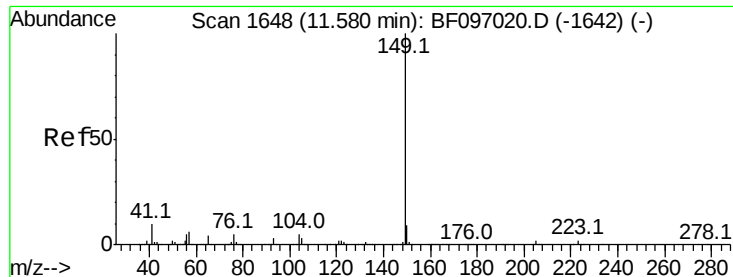


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.271 ng

RT: 11.58 min Scan# 1648

Delta R.T. -0.00 min

Lab File: BF097024.D

Acq: 25 Jul 2017 12:58

Instrument :

BNA_F

ClientSampleId :

ICVBF072517

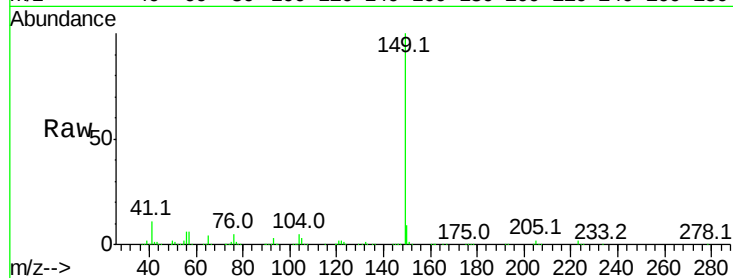
Tot Ion:149 Resp: 1027137

Ion Ratio Lower Upper

149 100

150 9.2 7.7 11.5

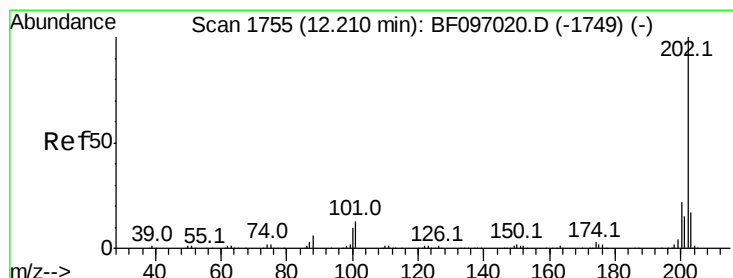
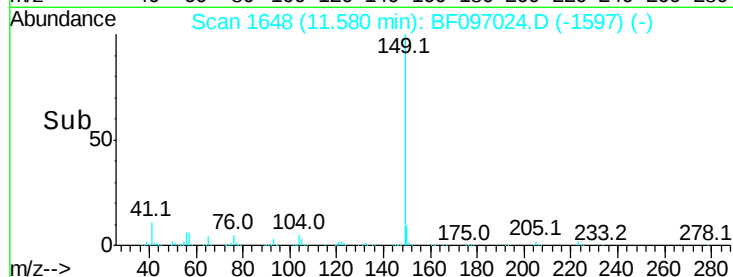
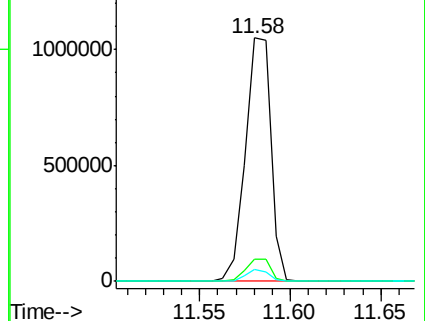
104 4.6 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.157 ng

RT: 12.21 min Scan# 1755

Delta R.T. -0.00 min

Lab File: BF097024.D

Acq: 25 Jul 2017 12:58

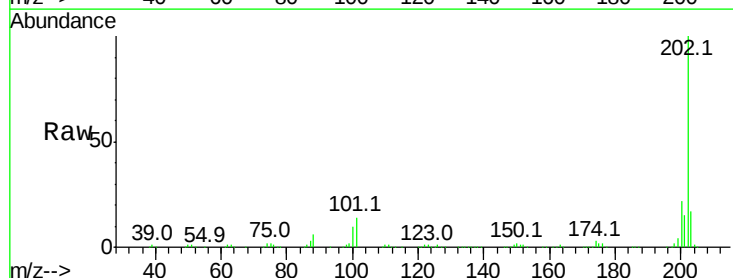
Tgt Ion:202 Resp: 785209

Ion Ratio Lower Upper

202 100

101 13.6 0.0 33.2

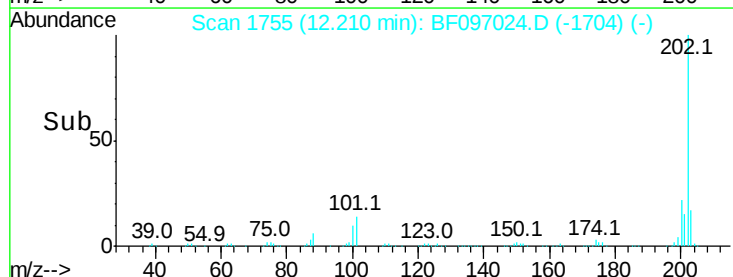
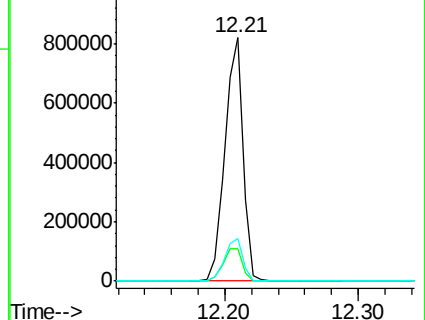
203 17.4 0.0 38.1

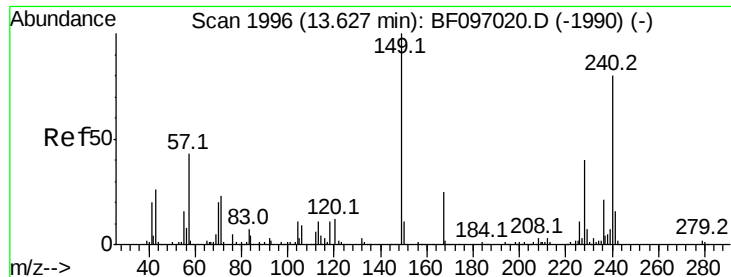


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.63 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BF097024.D

Acq: 25 Jul 2017 12:58

Instrument :

BNA_F

ClientSampleId :

ICVBF072517

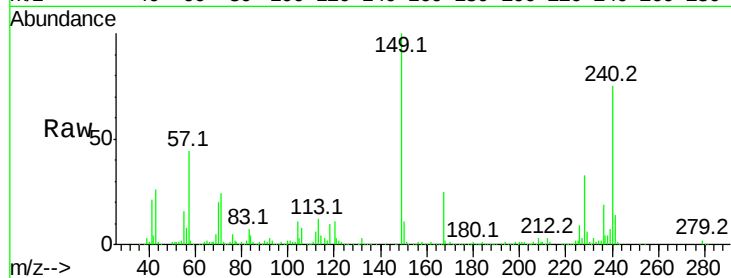
Tot Ion:240 Resp: 242847

Ion Ratio Lower Upper

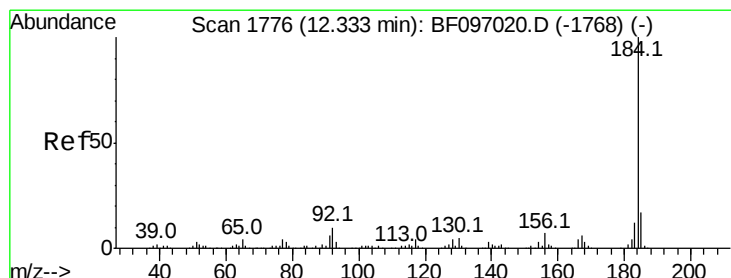
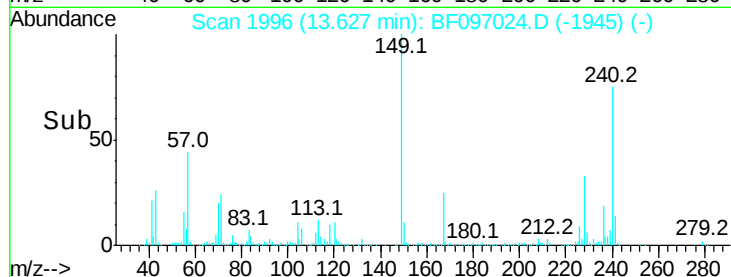
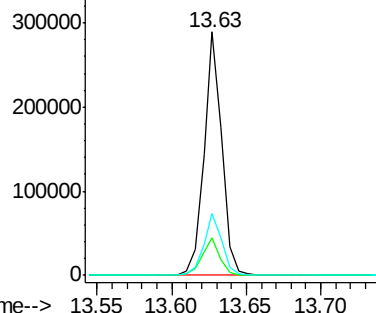
240 100

120 15.3 5.8 8.8#

236 25.2 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 41.504 ng

RT: 12.33 min Scan# 1776

Delta R.T. -0.00 min

Lab File: BF097024.D

Acq: 25 Jul 2017 12:58

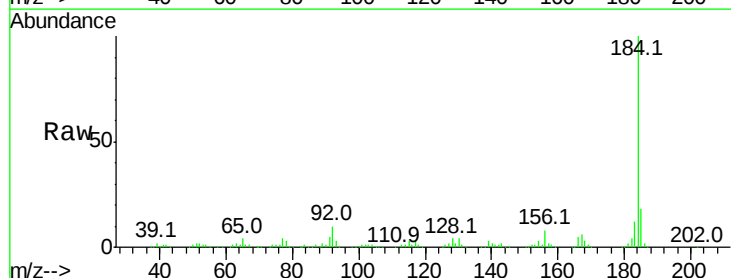
Tgt Ion:184 Resp: 373982

Ion Ratio Lower Upper

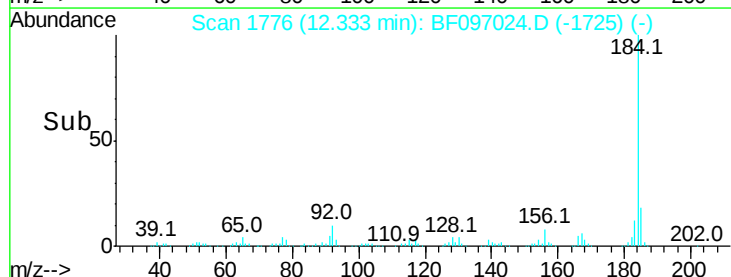
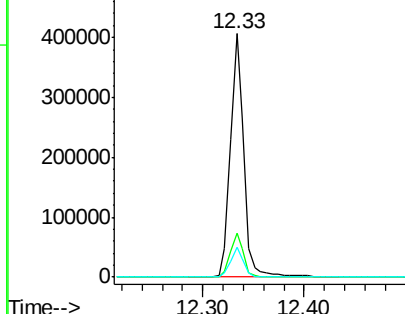
184 100

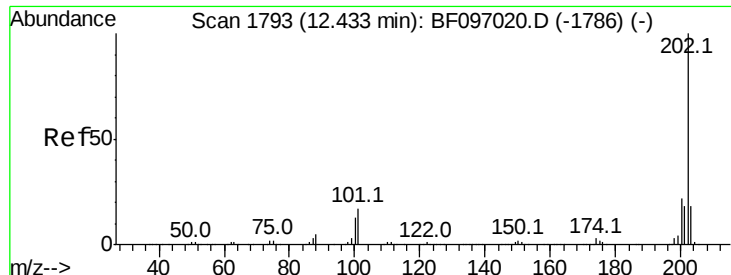
185 18.2 15.5 23.3

183 12.1 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

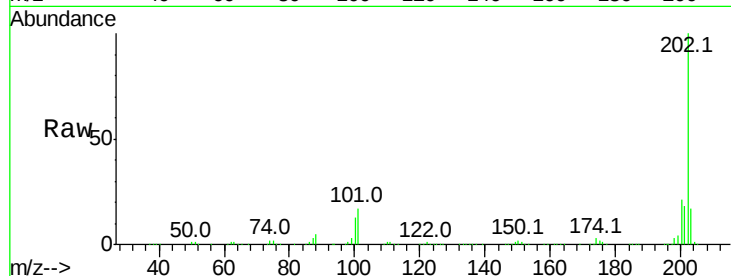




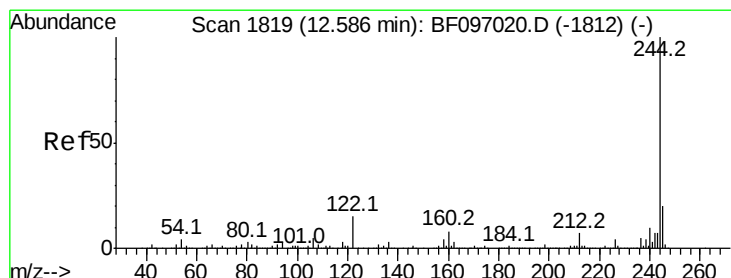
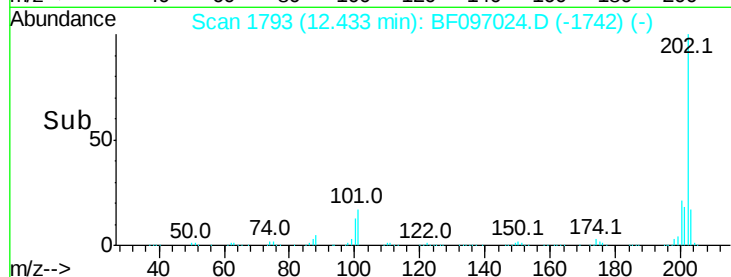
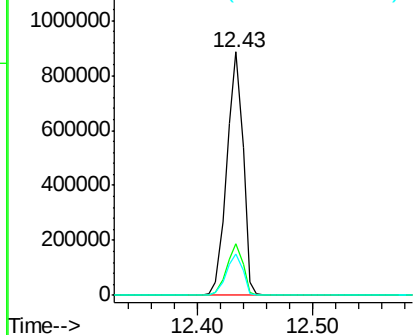
#77
Pvrene
Concen: 43.182 ng
RT: 12.43 min Scan# 1793
Delta R.T. -0.00 min
Lab File: BF097024.D
Acq: 25 Jul 2017 12:58

Instrument :
BNA_F
ClientSampleId :
ICVBF072517

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.6	26.4
203	16.9	14.4	21.6

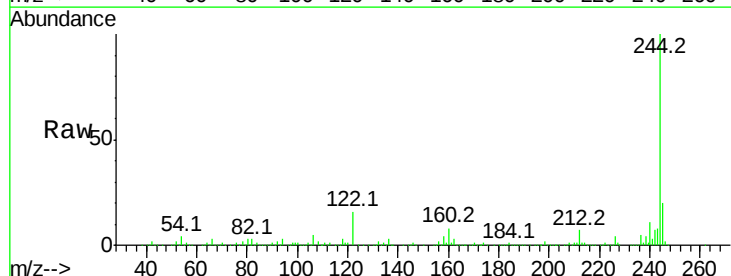


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

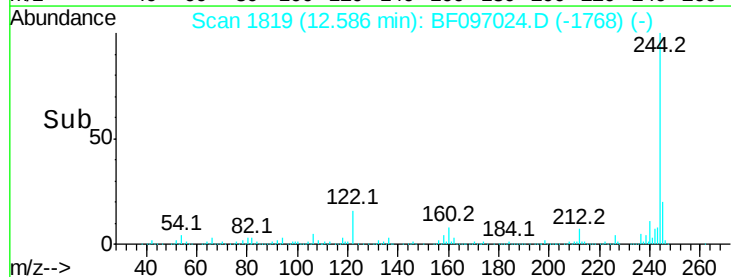
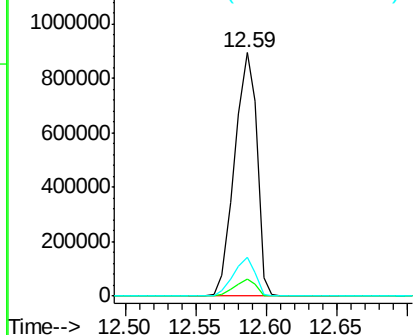


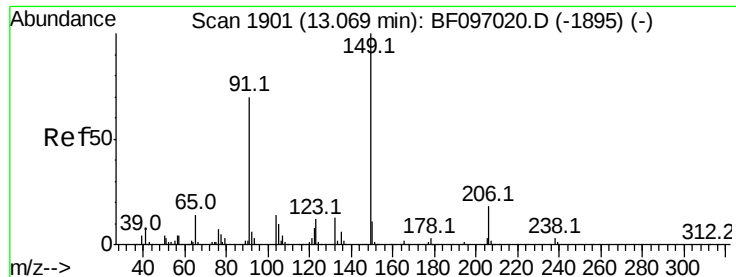
#78
Terphenyl-d14
Concen: 82.506 ng
RT: 12.59 min Scan# 1819
Delta R.T. -0.00 min
Lab File: BF097024.D
Acq: 25 Jul 2017 12:58

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	15.7	10.3	15.5



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

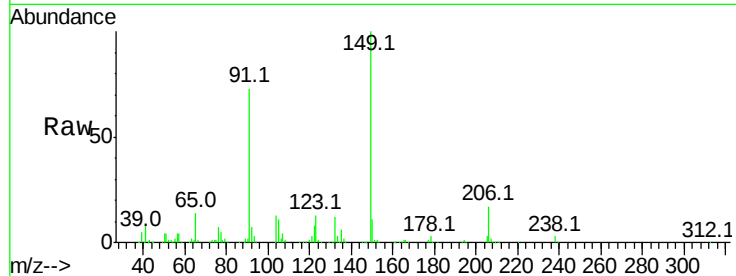




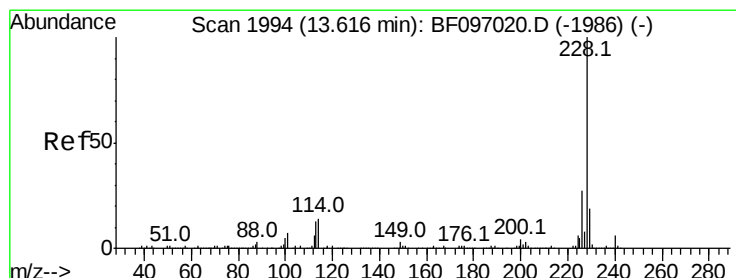
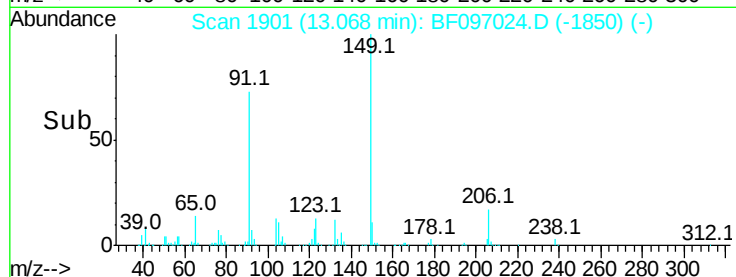
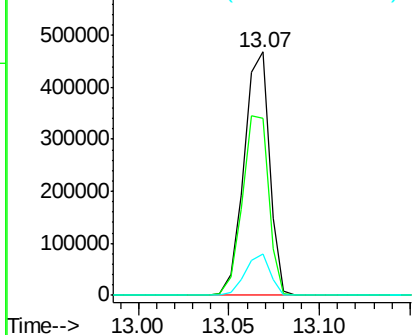
#79
Butylbenzylphthalate
Concen: 45.092 ng
RT: 13.07 min Scan# 1901
Delta R.T. -0.00 min
Lab File: BF097024.D
Acq: 25 Jul 2017 12:58

Instrument :
BNA_F
ClientSampleId :
ICVBF072517

Tot Ion:149 Resp: 456017
Ion Ratio Lower Upper
149 100
91 72.8 45.0 67.4#
206 16.9 17.0 25.6#

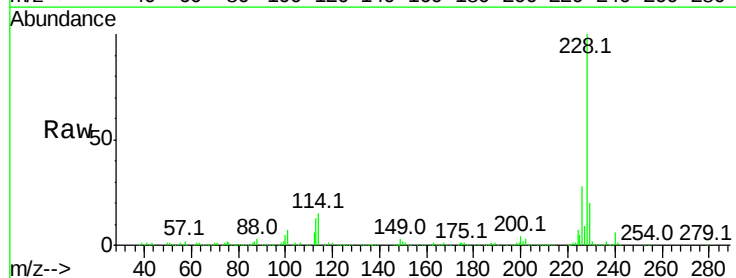


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

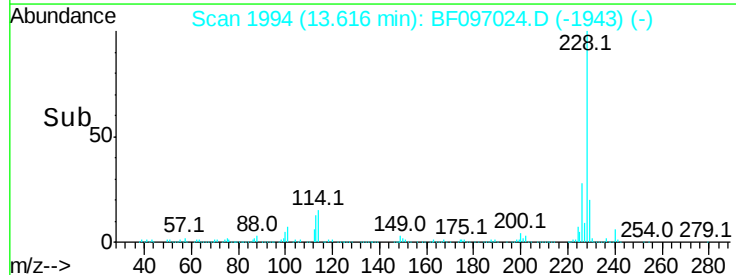
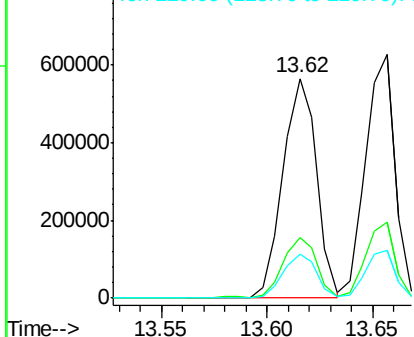


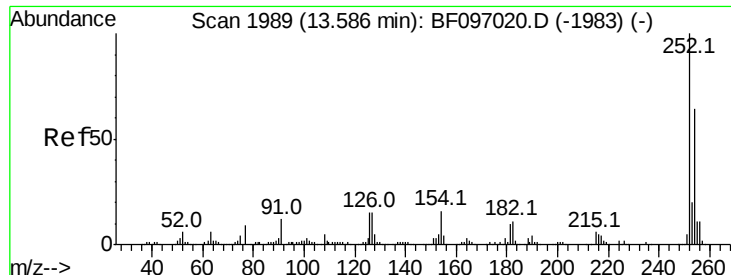
#80
Benzo(a)anthracene
Concen: 39.882 ng
RT: 13.62 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BF097024.D
Acq: 25 Jul 2017 12:58

Tgt Ion:228 Resp: 626678
Ion Ratio Lower Upper
228 100
226 27.6 22.6 33.8
229 20.1 16.3 24.5



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

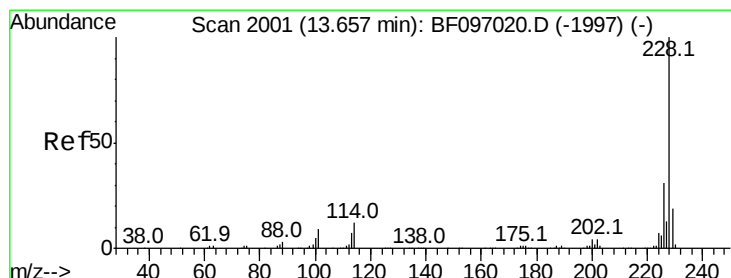
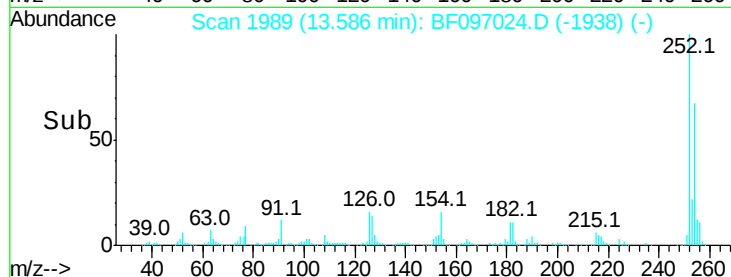
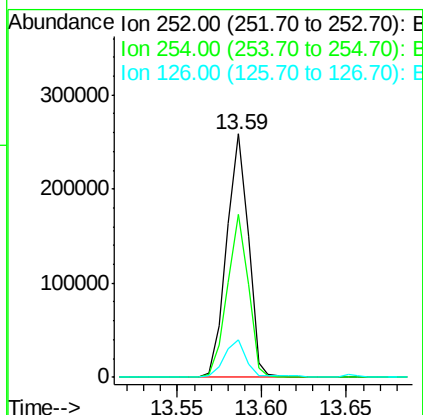
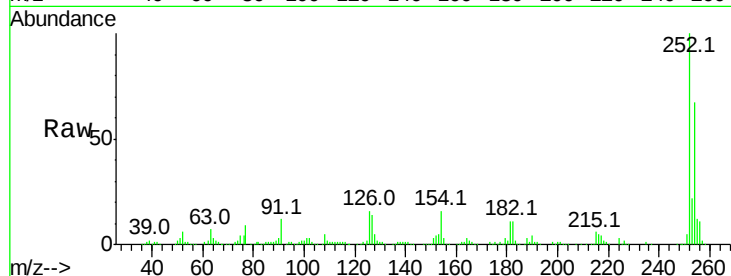




#81
 3,3'-Dichlorobenzidine
 Concen: 38.918 ng
 RT: 13.59 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BF097024.D
 Acq: 25 Jul 2017 12:58

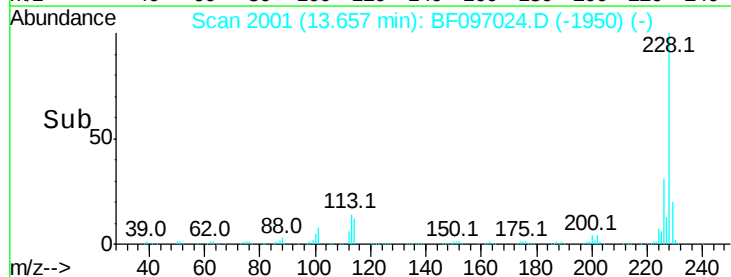
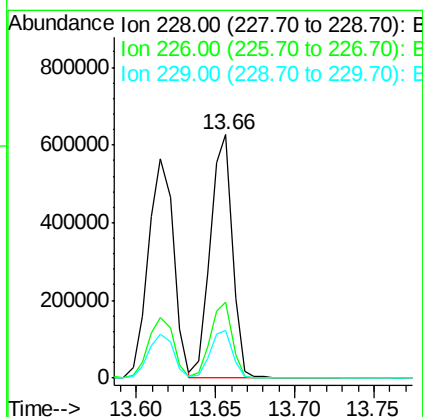
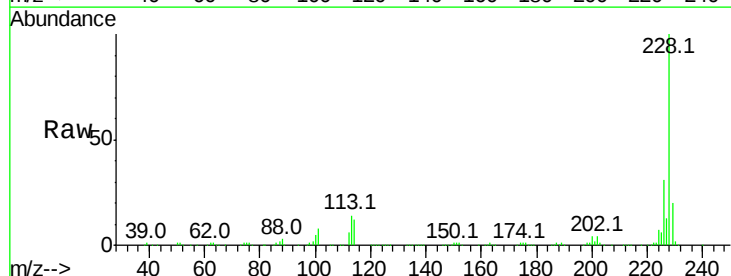
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072517

Tot Ion:252 Resp: 230612
 Ion Ratio Lower Upper
 252 100
 254 67.2 51.5 77.3
 126 15.6 15.8 23.8#



#82
 Chrysene
 Concen: 39.718 ng
 RT: 13.66 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BF097024.D
 Acq: 25 Jul 2017 12:58

Tgt Ion:228 Resp: 609418
 Ion Ratio Lower Upper
 228 100
 226 31.3 24.9 37.3
 229 19.8 15.8 23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.960 ng

RT: 13.63 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BF097024.D

Acq: 25 Jul 2017 12:58

Instrument :

BNA_F

ClientSampleId :

ICVBF072517

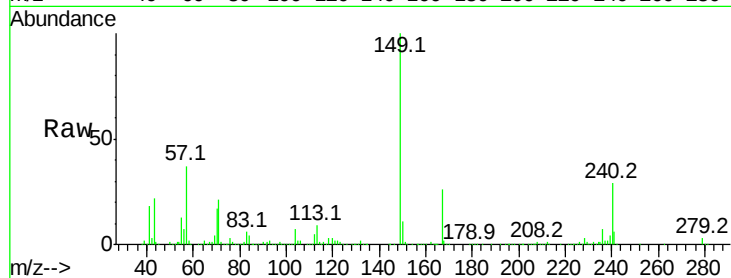
Tot Ion:149 Resp: 540838

Ion Ratio Lower Upper

149 100

167 26.2 21.0 31.4

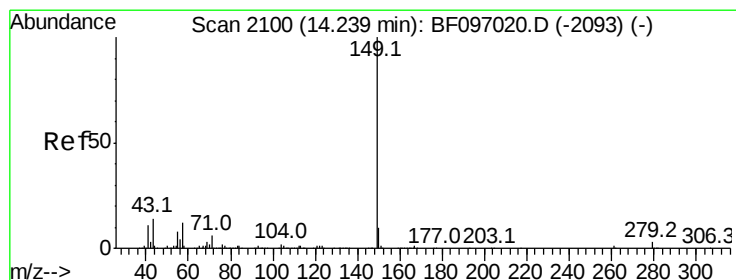
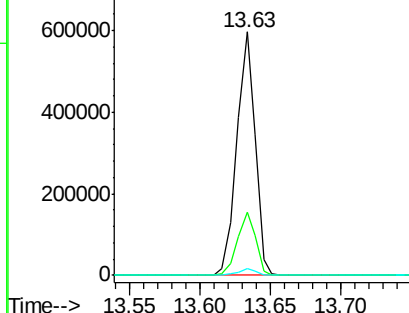
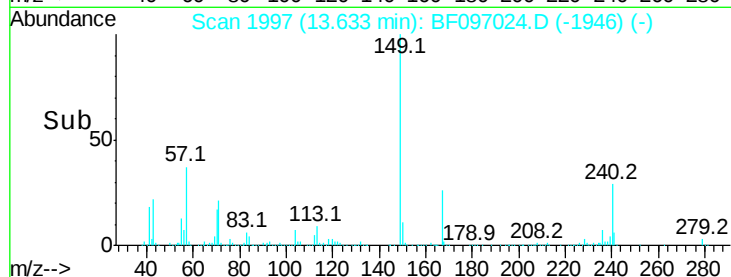
279 2.7 1.9 2.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.327 ng

RT: 14.24 min Scan# 2100

Delta R.T. -0.00 min

Lab File: BF097024.D

Acq: 25 Jul 2017 12:58

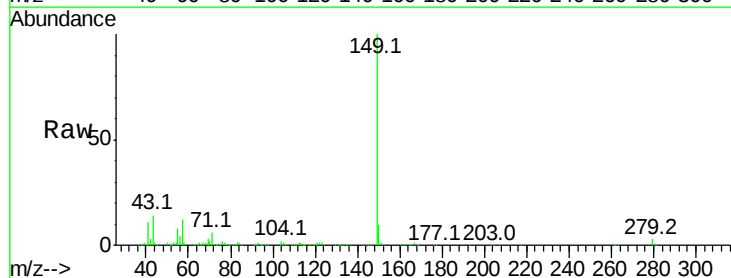
Tgt Ion:149 Resp: 1001406

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

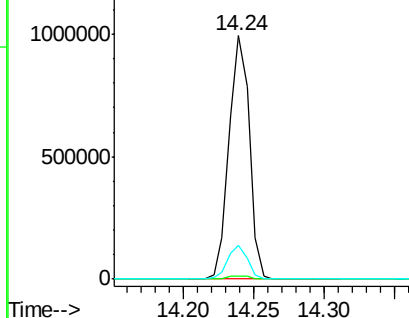
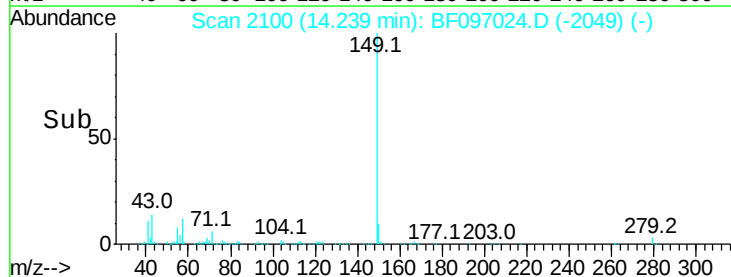
43 13.5 8.5 12.7#

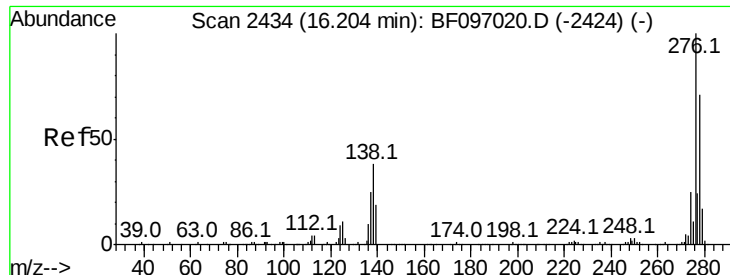


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

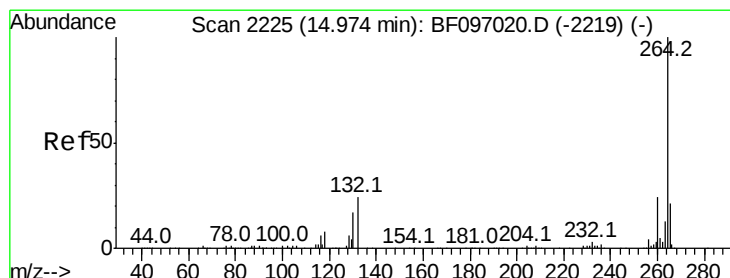
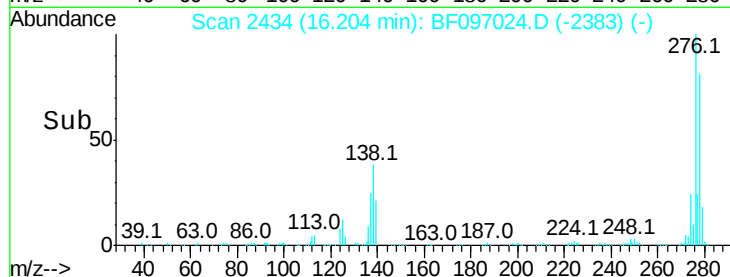
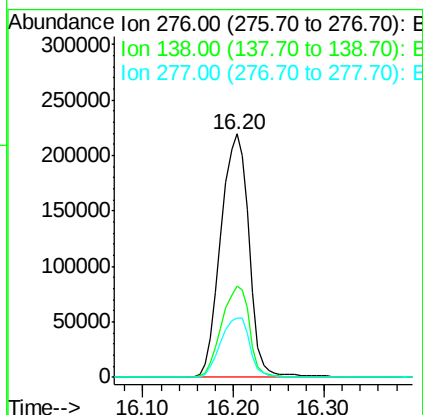
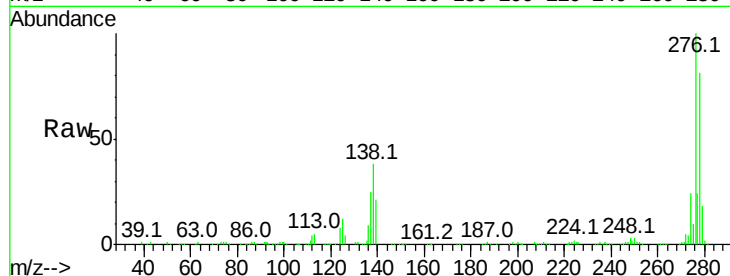




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.207 ng
 RT: 16.20 min Scan# 2434
 Delta R.T. -0.00 min
 Lab File: BF097024.D
 Acq: 25 Jul 2017 12:58

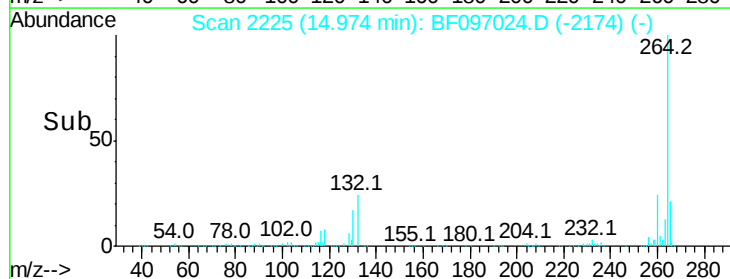
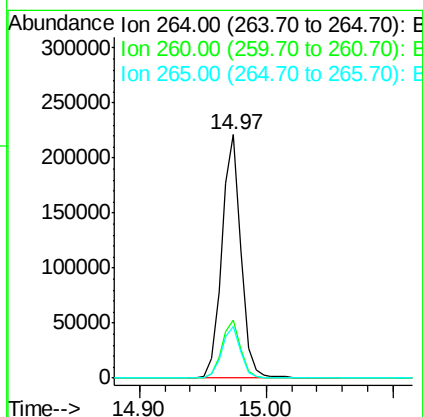
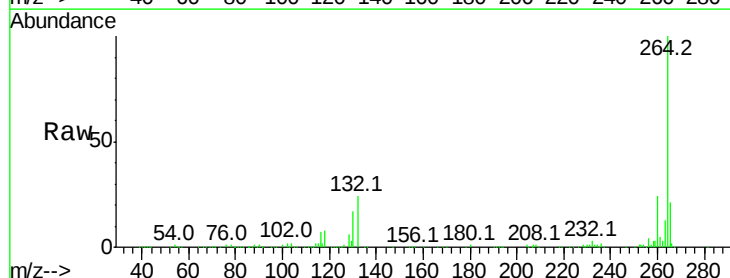
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072517

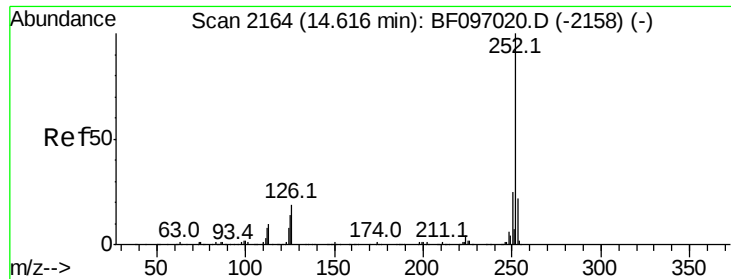
Tot Ion	Ratio	Lower	Upper
276	100		
138	37.1	27.8	41.6
277	25.2	20.2	30.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.97 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BF097024.D
 Acq: 25 Jul 2017 12:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.2	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 38.407 ng

RT: 14.62 min Scan# 2164

Delta R.T. -0.00 min

Lab File: BF097024.D

Acq: 25 Jul 2017 12:58

Instrument :

BNA_F

ClientSampleId :

ICVBF072517

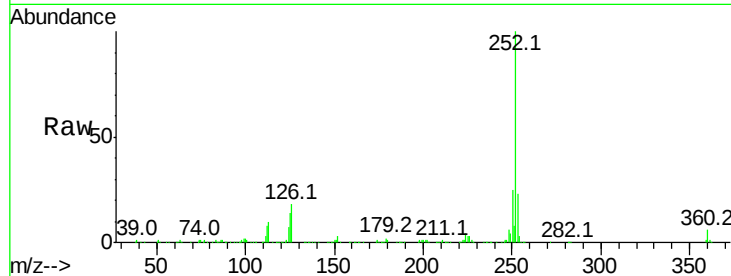
Tot Ion:252 Resp: 534497

Ion Ratio Lower Upper

252 100

253 22.7 18.1 27.1

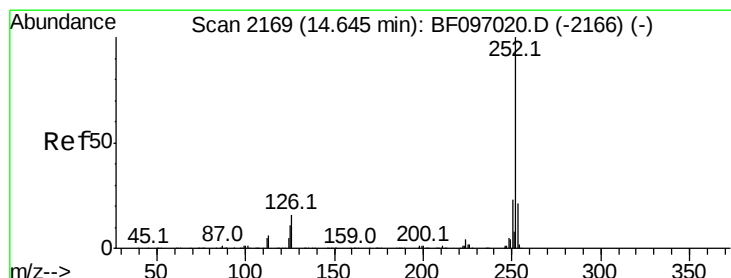
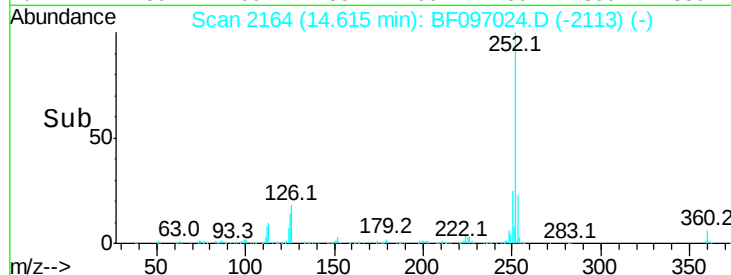
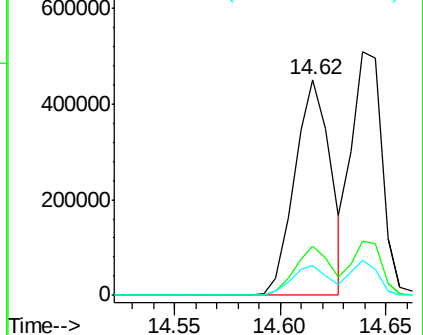
125 13.8 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 39.096 ng

RT: 14.64 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BF097024.D

Acq: 25 Jul 2017 12:58

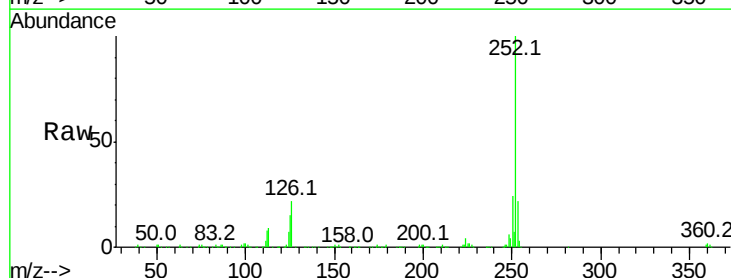
Tgt Ion:252 Resp: 518469

Ion Ratio Lower Upper

252 100

253 22.3 18.4 27.6

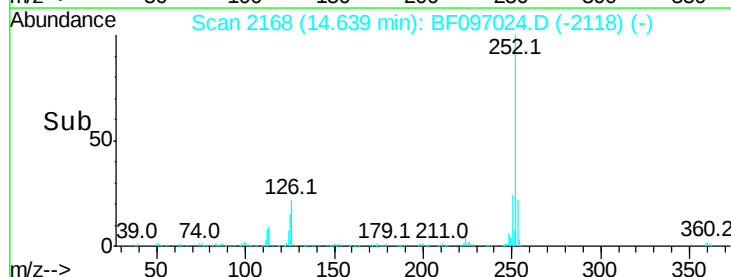
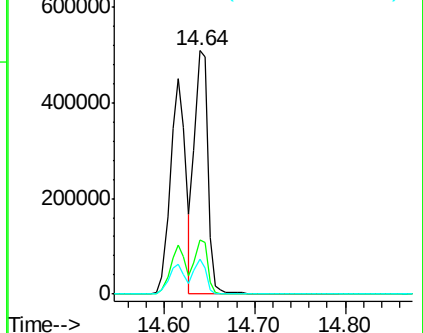
125 14.6 13.1 19.7

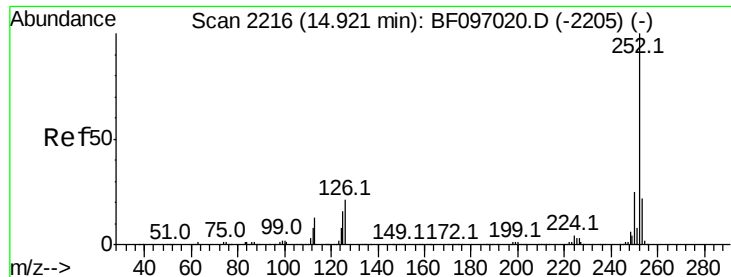


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.683 ng

RT: 14.92 min Scan# 2216

Delta R.T. -0.00 min

Lab File: BF097024.D

Acq: 25 Jul 2017 12:58

Instrument :

BNA_F

ClientSampleId :

ICVBF072517

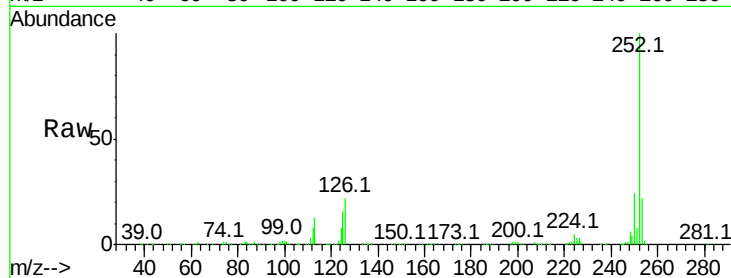
Tot Ion:252 Resp: 505434

Ion Ratio Lower Upper

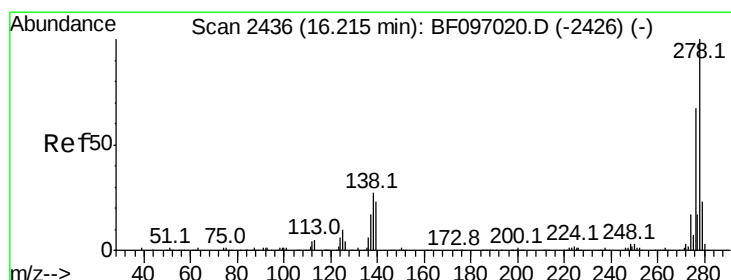
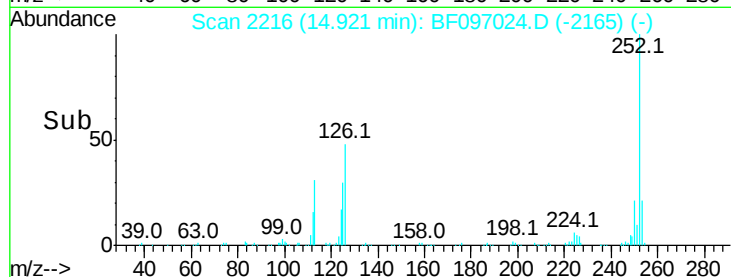
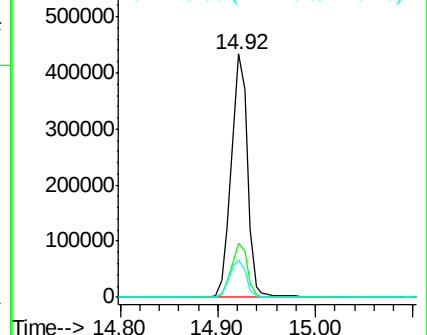
252 100

253 22.3 17.5 26.3

125 15.6 11.0 16.4



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



#90

Dibenzo(a,h)anthracene

Concen: 36.570 ng

RT: 16.21 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BF097024.D

Acq: 25 Jul 2017 12:58

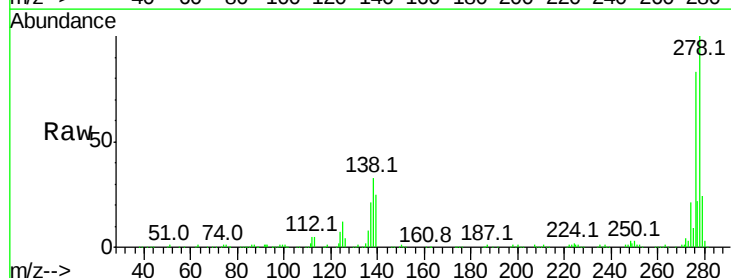
Tgt Ion:278 Resp: 381964

Ion Ratio Lower Upper

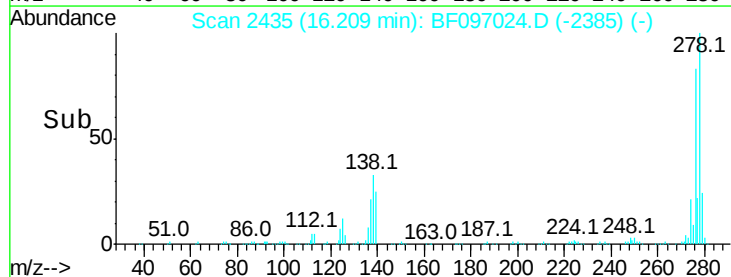
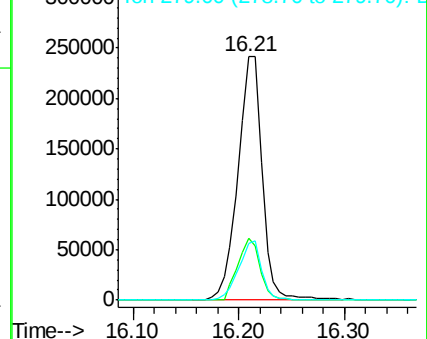
278 100

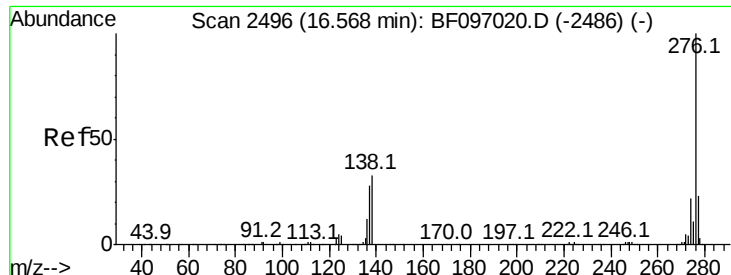
139 25.3 16.6 24.8#

279 23.6 19.3 28.9



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





#91

Benzo(a,h,i)perylene

Concen: 36.766 ng

RT: 16.57 min Scan# 2496

Delta R.T. -0.00 min

Lab File: BF097024.D

Acq: 25 Jul 2017 12:58

Instrument :

BNA_F

ClientSampleId :

ICVBF072517

Tot Ion:276 Resp: 402706

Ion Ratio Lower Upper

276 100

277 23.2 18.6 28.0

138 30.0 25.4 38.0

