

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
 Data File : BF092464.D
 Acq On : 25 Jan 2017 9:29
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jan 25 10:32:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	176654	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	728862	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	404756	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	634982	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	530796	20.00	ng	-0.01
86) Perylene-d12	15.63	264	473026	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	921150	81.13	ng	0.01
7) Phenol-d6	6.59	99	1117142	77.24	ng	0.00
23) Nitrobenzene-d5	7.54	82	1053341	78.94	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	217360	78.80	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1773490	81.02	ng	0.00
78) Terphenyl-d14	13.10	244	1419468	71.21	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.62	88	237914	39.40	ng	85
3) Pyridine	3.38	79	660540	38.42	ng	# 84
4) n-Nitrosodimethylamine	3.33	42	321285	38.10	ng	82
6) Aniline	6.62	93	873082	40.47	ng	# 47
8) 2-Chlorophenol	6.75	128	489459	41.04	ng	97
9) Benzaldehyde	6.51	77	381335	37.15	ng	91
10) Phenol	6.60	94	653369	37.43	ng	# 74
11) bis(2-Chloroethyl)ether	6.70	93	550010	42.11	ng	95
12) 1,3-Dichlorobenzene	6.91	146	565493m	40.09	ng	
13) 1,4-Dichlorobenzene	6.99	146	588262	41.44	ng	94
14) 1,2-Dichlorobenzene	7.14	146	508634	37.77	ng	97
15) Benzyl Alcohol	7.10	79	424907	38.98	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.25	45	1004559	38.88	ng	93
17) 2-Methylphenol	7.22	107	403849	39.63	ng	95
18) Hexachloroethane	7.49	117	200090	40.92	ng	90
19) n-Nitroso-di-n-propylamine	7.39	70	369423	37.51	ng	93
20) 3+4-Methylphenols	7.38	107	526977	42.63	ng	98
22) Acetophenone	7.39	105	674831	38.87	ng	# 86
24) Nitrobenzene	7.56	77	584161	41.79	ng	# 87
25) Isophorone	7.80	82	1002725	38.14	ng	97
26) 2-Nitrophenol	7.87	139	248254	42.38	ng	# 88
27) 2,4-Dimethylphenol	7.92	122	479644	39.37	ng	93
28) bis(2-Chloroethoxy)methane	8.01	93	624053	36.16	ng	98
29) 2,4-Dichlorophenol	8.11	162	408803	38.71	ng	87
30) 1,2,4-Trichlorobenzene	8.20	180	440791	38.61	ng	94
31) Naphthalene	8.28	128	1387680	37.20	ng	99
32) Benzoic acid	8.03	122	324952	36.89	ng	99
33) 4-Chloroaniline	8.33	127	601924	38.14	ng	# 92
34) Hexachlorobutadiene	8.41	225	251842	40.33	ng	98
35) Caprolactam	8.72	113	136120	38.60	ng	# 32
36) 4-Chloro-3-methylphenol	8.82	107	489637	42.99	ng	89
37) 2-Methylnaphthalene	8.98	142	875857	37.09	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	413706	40.52	ng	99
40) Hexachlorocyclopentadiene	9.14	237	217691	42.58	ng	96

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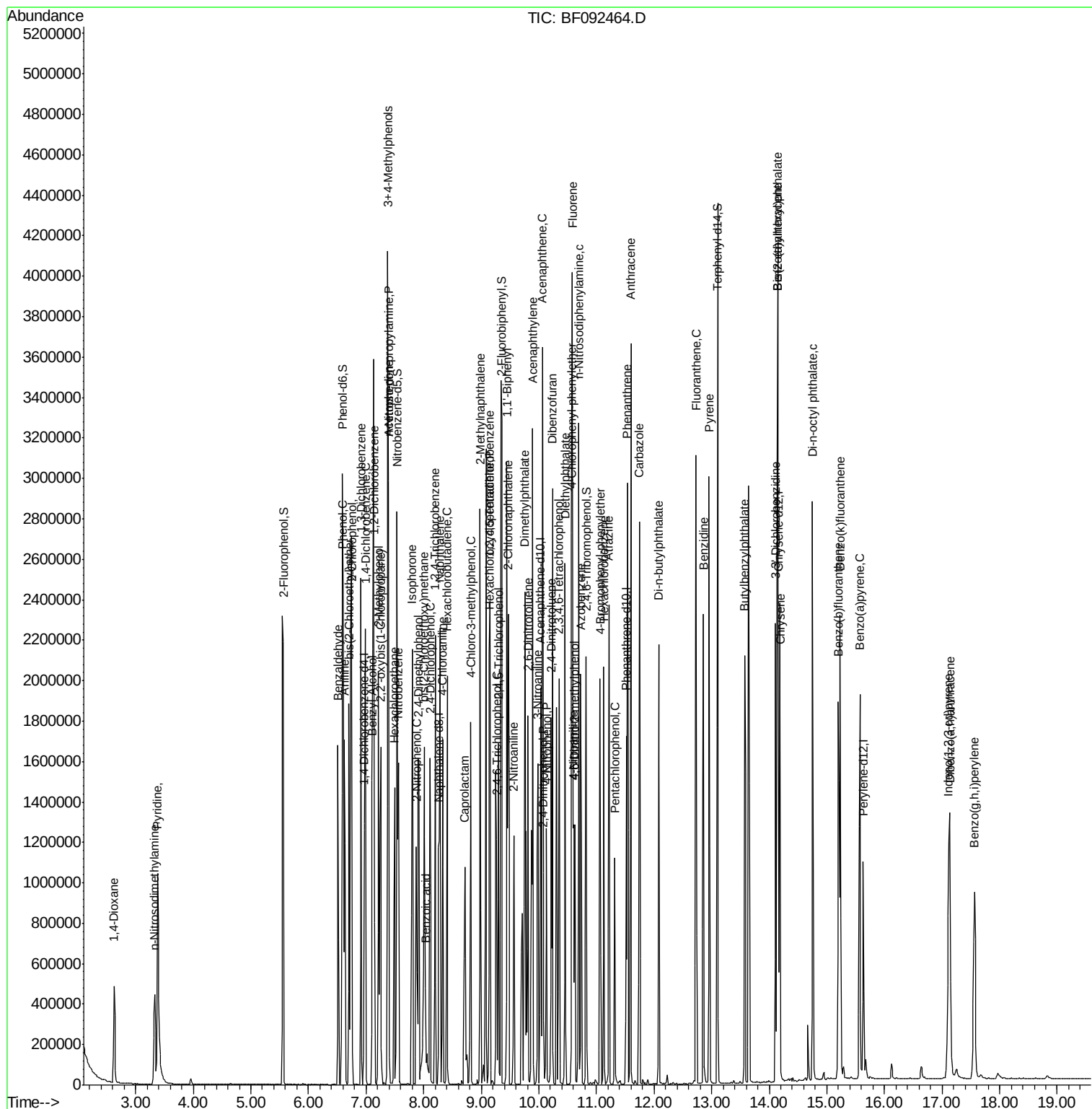
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	307419	39.30	nq	96
43) 2,4,5-Trichlorophenol	9.30	196	297775	41.60	nq #	88
45) 1,1'-Biphenyl	9.45	154	1036844	35.44	nq	96
46) 2-Chloronaphthalene	9.47	162	886112	37.08	nq	95
47) 2-Nitroaniline	9.56	65	318527	39.58	nq	91
48) Acenaphthylene	9.89	152	1407204	40.15	nq	99
49) Dimethylphthalate	9.76	163	1080165	41.97	nq	100
50) 2,6-Dinitrotoluene	9.81	165	236719	44.99	nq	93
51) Acenaphthene	10.06	154	830238	38.12	nq	96
52) 3-Nitroaniline	9.98	138	315215	47.84	nq	86
53) 2,4-Dinitrophenol	10.08	184	102446	42.31	nq #	1
54) Dibenzofuran	10.24	168	1127170	38.11	nq	96
55) 4-Nitrophenol	10.13	139	242092	46.27	nq #	80
56) 2,4-Dinitrotoluene	10.21	165	285248	40.85	nq	98
57) Fluorene	10.58	166	834874	38.07	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.35	232	225104	41.98	nq	99
59) Diethylphthalate	10.45	149	947707	38.40	nq	98
60) 4-Chlorophenyl-phenylether	10.57	204	397378	37.36	nq	97
61) 4-Nitroaniline	10.60	138	302504	45.90	nq	89
62) Azobenzene	10.73	77	1065308	37.93	nq	94
64) 4,6-Dinitro-2-methylphenol	10.62	198	178468	51.73	nq	81
65) n-Nitrosodiphenylamine	10.69	169	858690	43.30	nq	100
66) 4-Bromophenyl-phenylether	11.06	248	248581	38.77	nq #	88
67) Hexachlorobenzene	11.13	284	259487	40.04	nq #	90
68) Atrazine	11.22	200	248858	36.66	nq	99
69) Pentachlorophenol	11.32	266	182787	44.12	nq	99
70) Phenanthrene	11.54	178	1299008	37.15	nq	99
71) Anthracene	11.60	178	1455536	42.59	nq	98
72) Carbazole	11.74	167	1163142	35.65	nq	99
73) Di-n-butylphthalate	12.08	149	1522679	40.81	nq	98
74) Fluoranthene	12.73	202	1307628	38.23	nq	98
76) Benzidine	12.85	184	863766	43.84	nq	98
77) Pyrene	12.96	202	1392870	36.22	nq	99
79) Butylbenzylphthalate	13.57	149	662013	42.49	nq	94
80) Benzo(a)anthracene	14.15	228	1104544	38.72	nq	99
81) 3,3'-Dichlorobenzidine	14.11	252	448138	41.37	nq #	97
82) Chrysene	14.19	228	1166341	38.28	nq	98
83) Bis(2-ethylhexyl)phthalate	14.15	149	801655	40.85	nq #	95
84) Di-n-octyl phthalate	14.75	149	1557208	43.71	nq	98
85) Indeno(1,2,3-cd)pyrene	17.12	276	930065	41.26	nq #	94
87) Benzo(b)fluoranthene	15.20	252	1282429	42.23	nq	97
88) Benzo(k)fluoranthene	15.23	252	891804m	35.32	nq	
89) Benzo(a)pyrene	15.57	252	1026859	39.97	nq	99
90) Dibenzo(a,h)anthracene	17.14	278	818441	39.40	nq	99
91) Benzo(g,h,i)perylene	17.56	276	799840	38.07	nq #	91

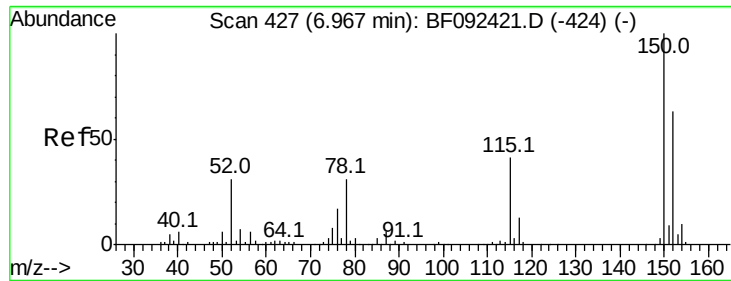
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

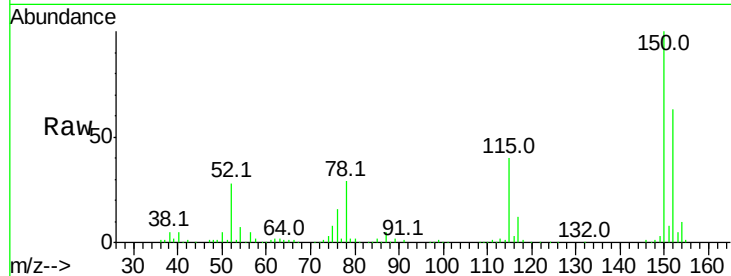
Tot Ion:152 Resp: 176654

Ion Ratio Lower Upper

152 100

150 157.7 124.9 187.3

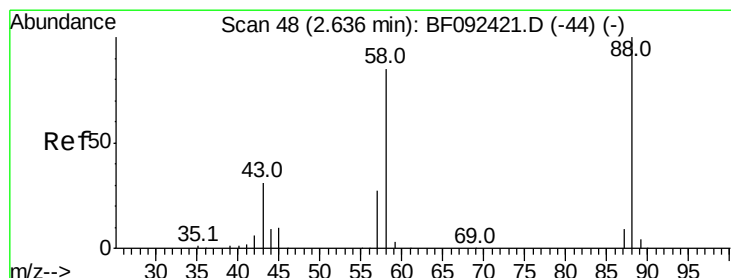
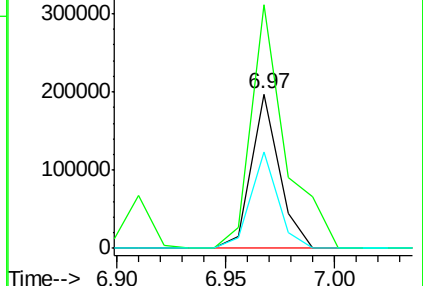
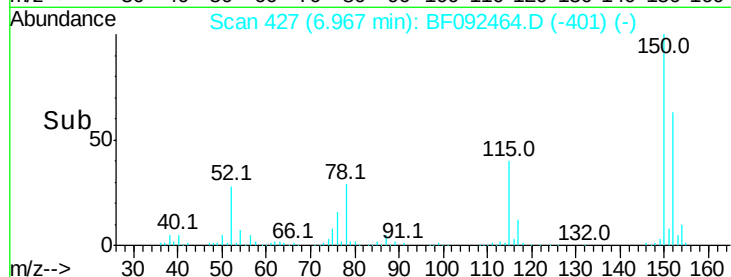
115 62.8 46.0 69.0



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: 39.40 ng

RT: 2.62 min Scan# 47

Delta R.T. -0.01 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

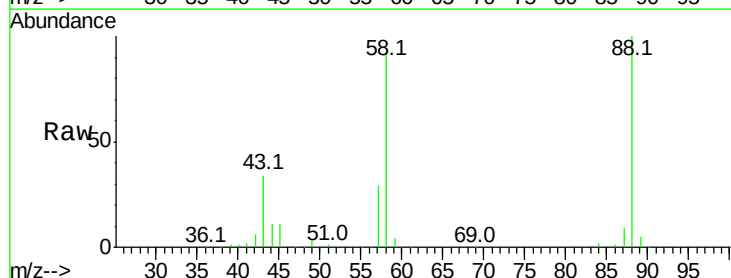
Tgt Ion: 88 Resp: 237914

Ion Ratio Lower Upper

88 100

58 86.7 57.8 86.8

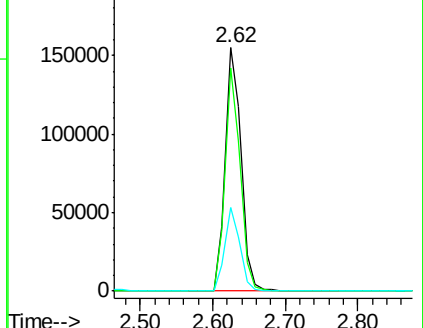
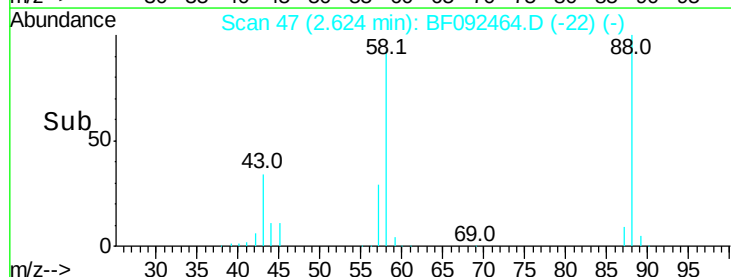
43 32.4 22.3 33.5

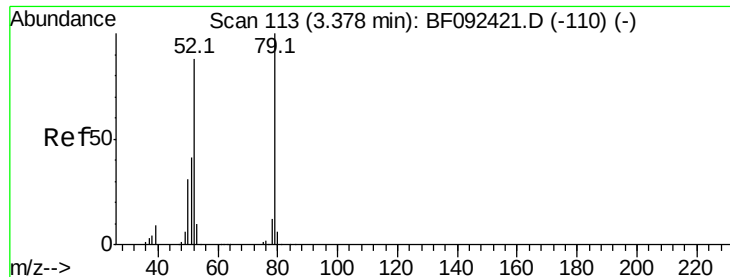


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 38.42 ng

RT: 3.38 min Scan# 113

Delta R.T. -0.00 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

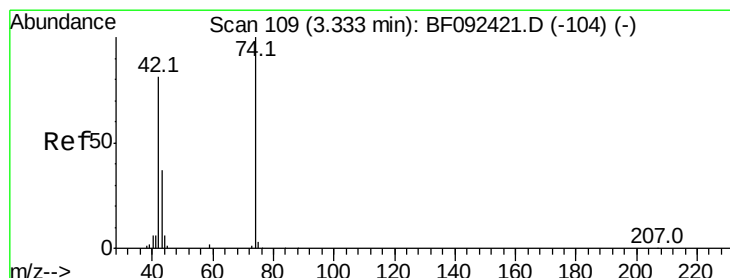
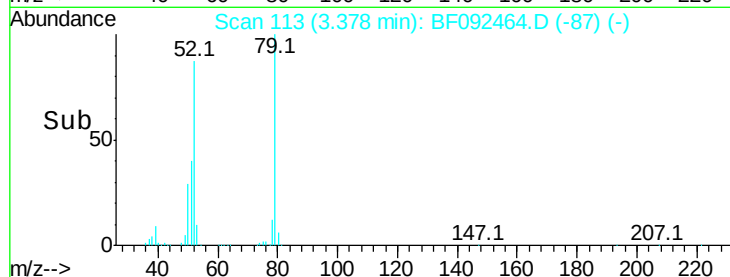
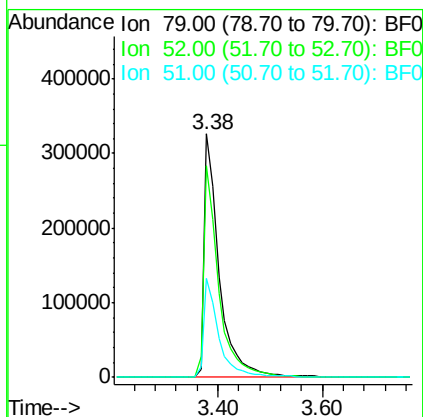
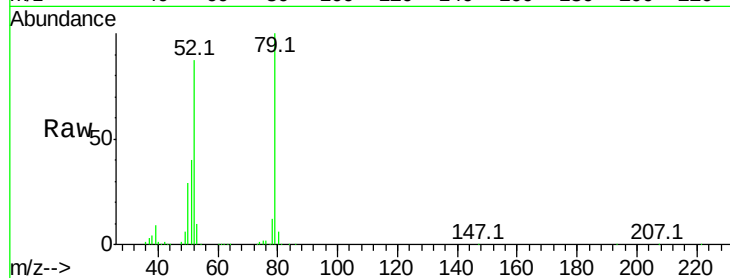
Tot Ion: 79 Resp: 660540

Ion Ratio Lower Upper

79 100

52 86.7 57.1 85.7#

51 40.5 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 38.10 ng

RT: 3.33 min Scan# 109

Delta R.T. -0.00 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

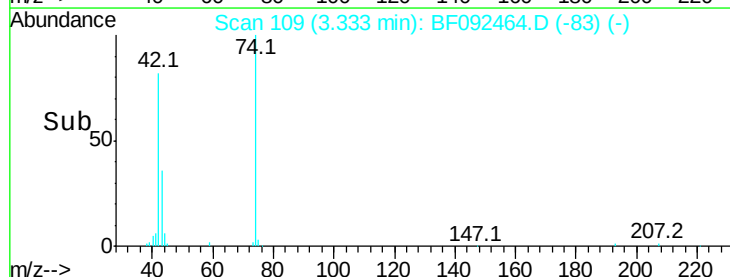
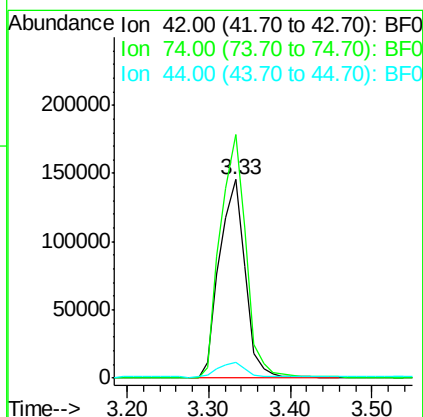
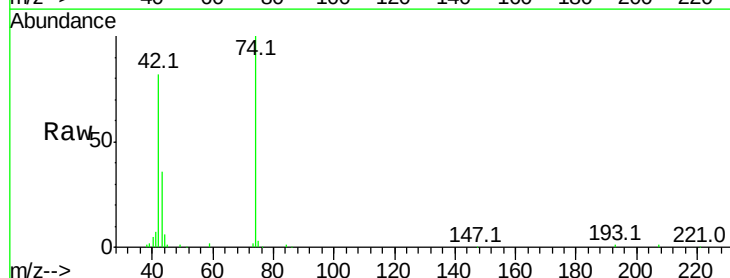
Tgt Ion: 42 Resp: 321285

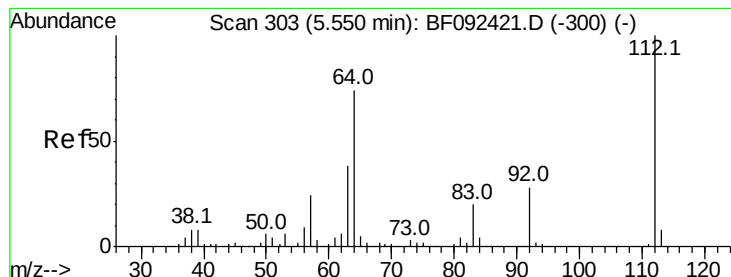
Ion Ratio Lower Upper

42 100

74 122.6 117.0 175.4

44 7.9 5.5 8.3





#5

2-Fluorophenol

Concen: 81.13 ng

RT: 5.56 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

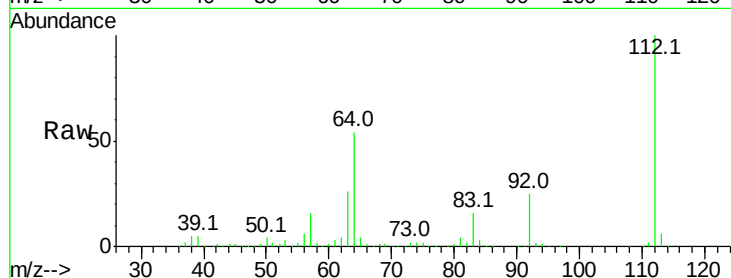
Tot Ion:112 Resp: 921150

Ion Ratio Lower Upper

112 100

64 53.7 46.1 69.1

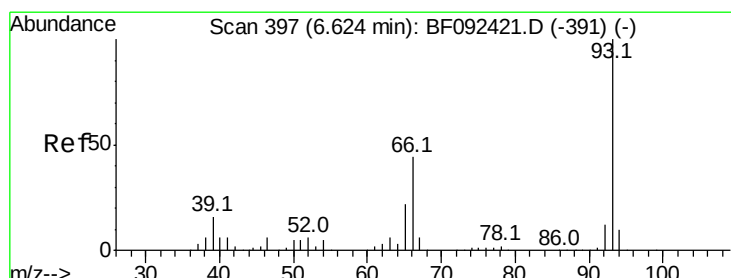
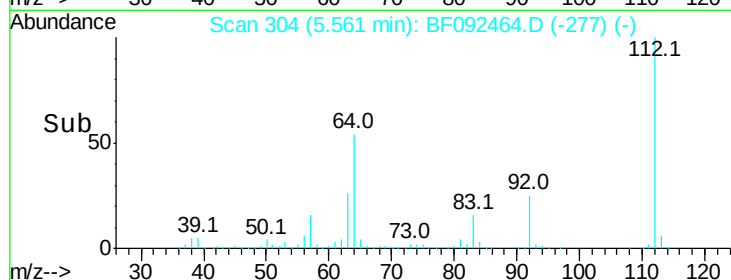
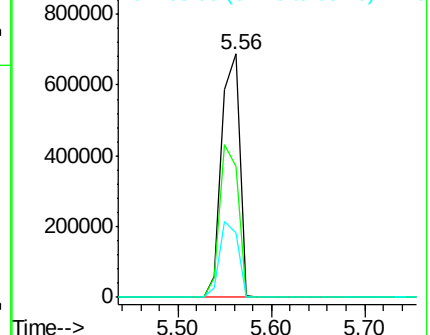
63 26.5 23.8 35.6



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: 40.47 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

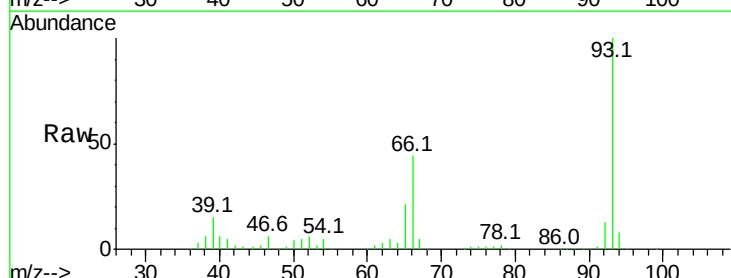
Tgt Ion: 93 Resp: 873082

Ion Ratio Lower Upper

93 100

66 43.7 76.2 114.2#

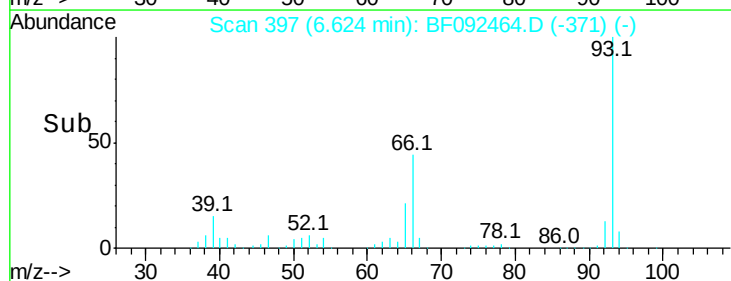
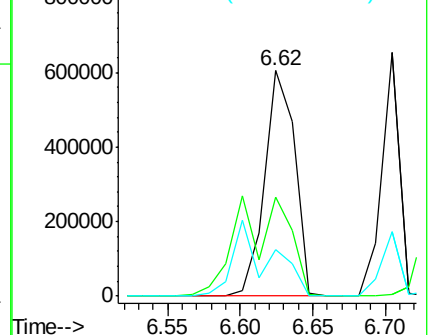
65 20.8 49.3 73.9#

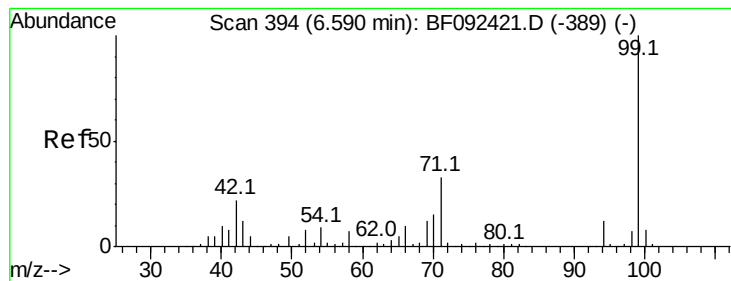


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 77.24 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

Instrument :

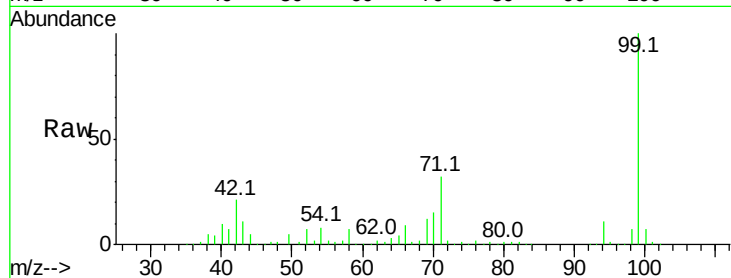
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1117142

Ion	Ratio	Lower	Upper
99	100		
42	21.0	15.6	23.4
71	31.5	27.5	41.3

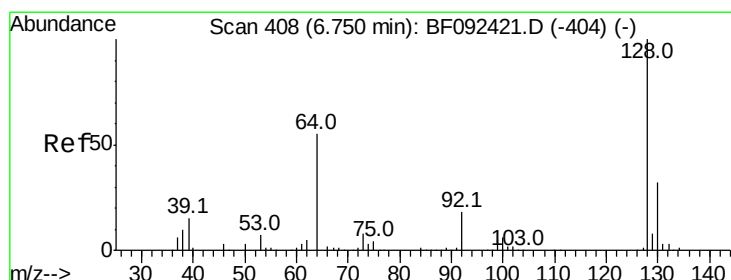
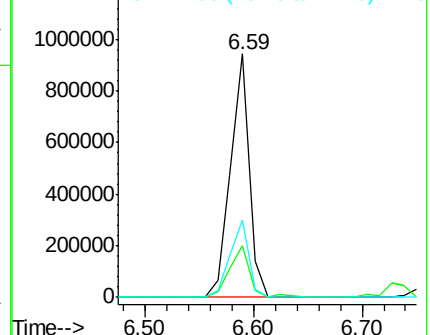
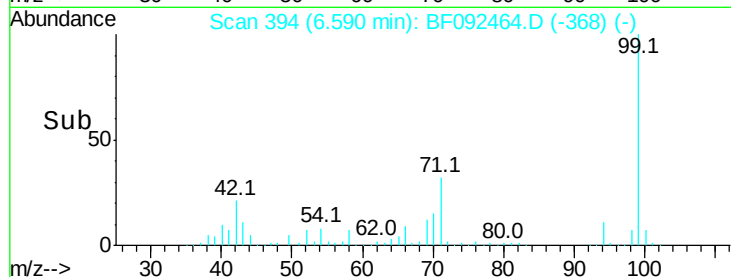


Abundance

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: 41.04 ng

RT: 6.75 min Scan# 408

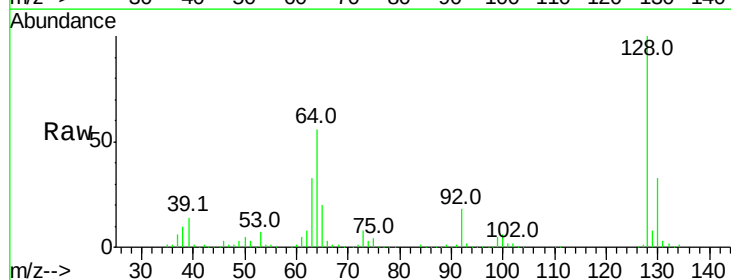
Delta R.T. -0.00 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

Tgt Ion: 128 Resp: 489459

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.3	52.3
64	55.6	32.2	72.2

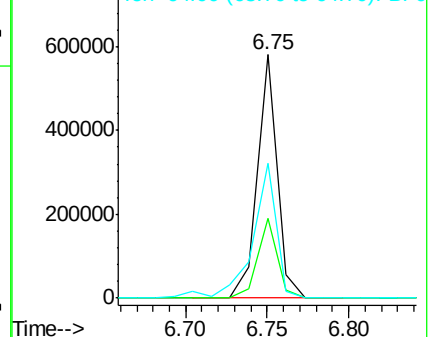
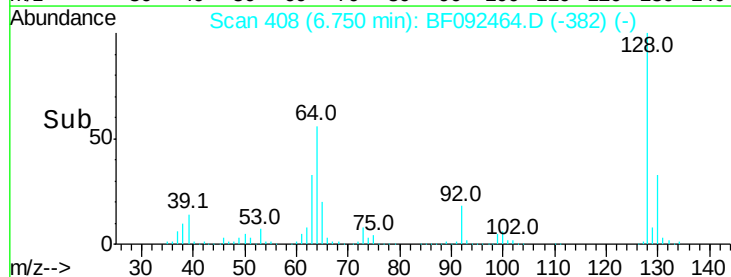


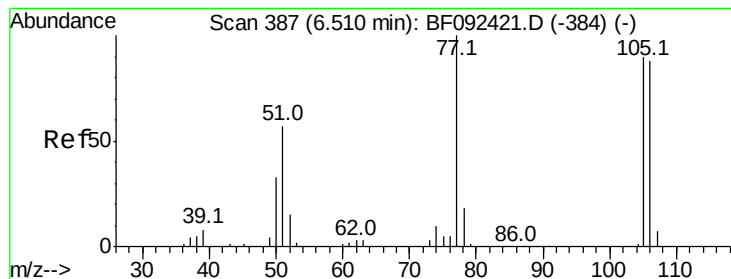
Abundance

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: 37.15 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

Instrument :

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SSTDCCC040

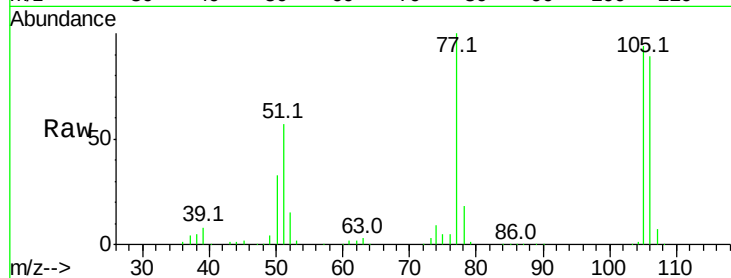
Tot Ion: 77 Resp: 381335

Ion Ratio Lower Upper

77 100

105 93.7 83.9 123.9

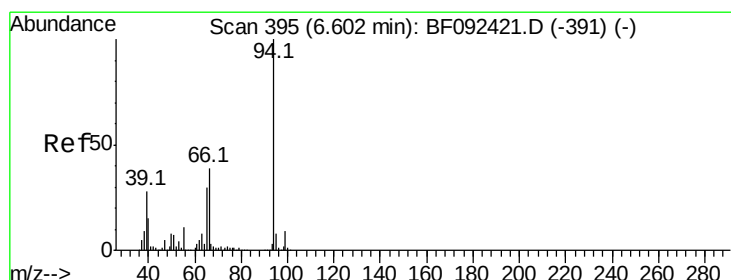
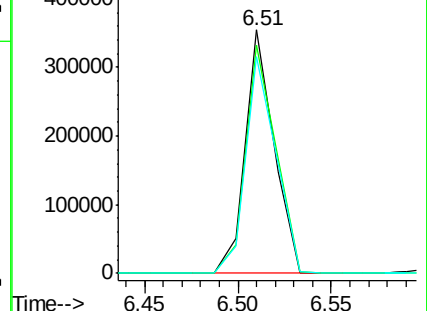
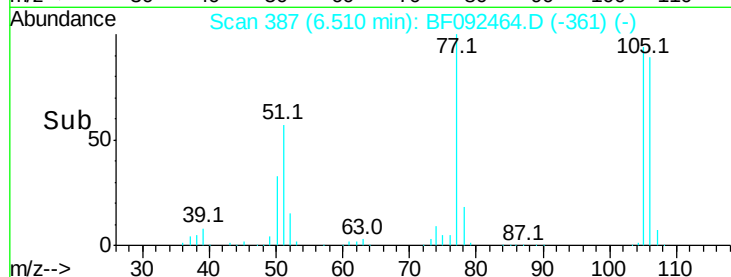
106 89.1 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 37.43 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

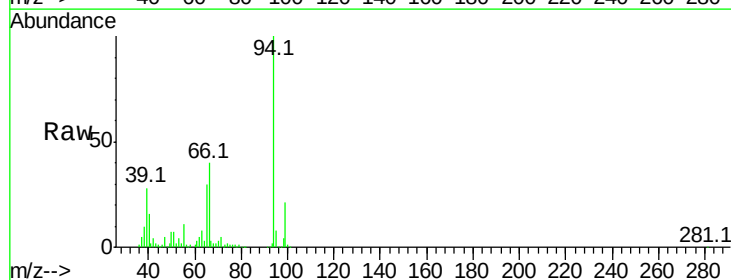
Tgt Ion: 94 Resp: 653369

Ion Ratio Lower Upper

94 100

65 30.2 21.4 61.4

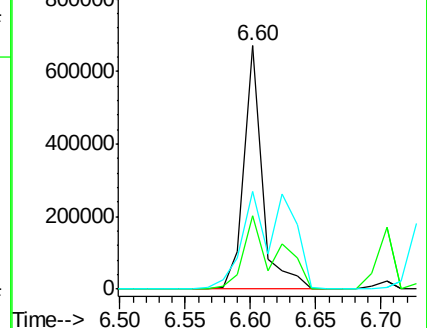
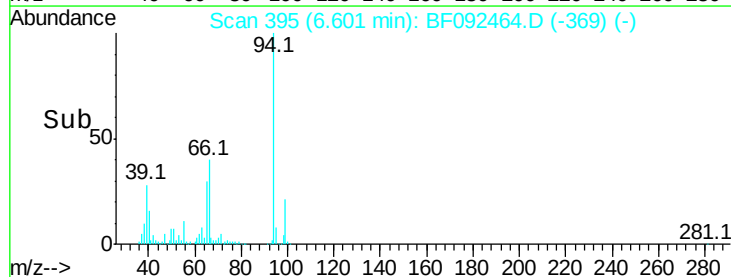
66 39.9 44.0 84.0#

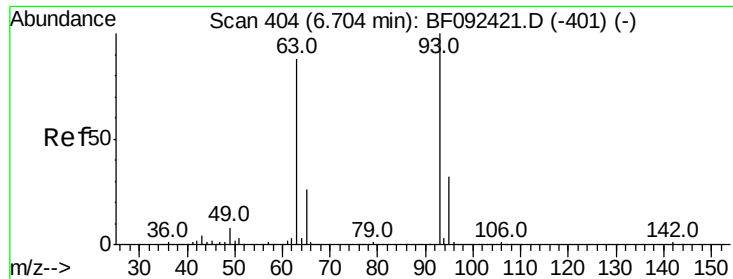


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 42.11 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

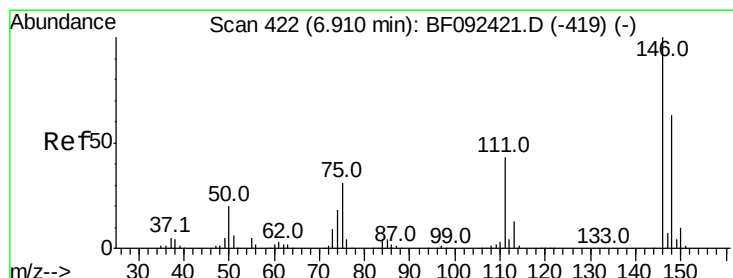
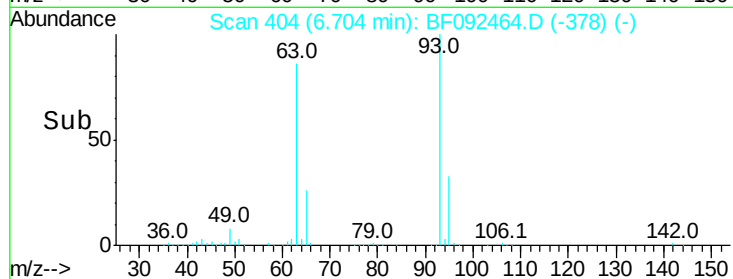
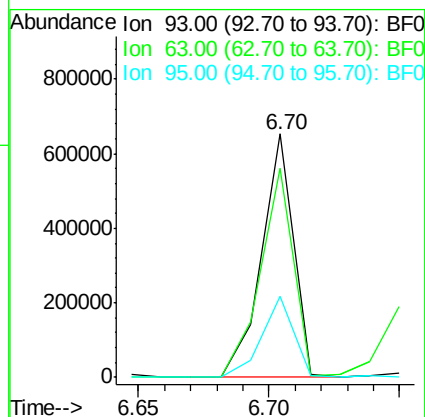
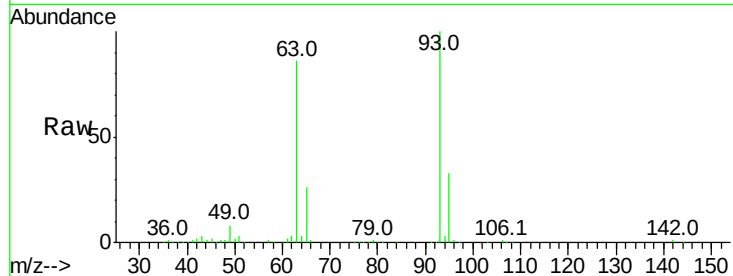
Tot Ion: 93 Resp: 550010

Ion Ratio Lower Upper

93 100

63 86.1 60.4 100.4

95 33.2 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 40.09 ng m

RT: 6.91 min Scan# 422

Delta R.T. -0.00 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

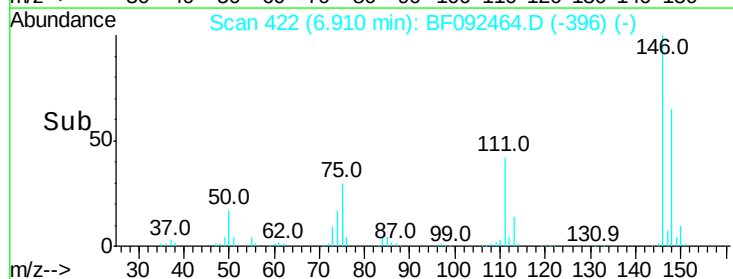
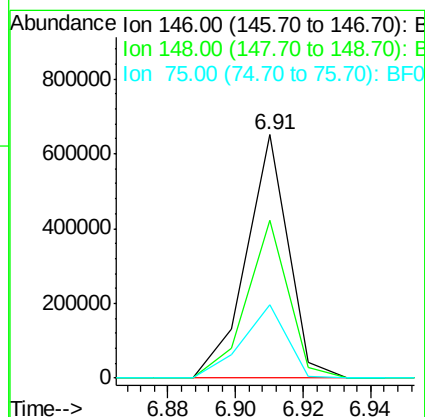
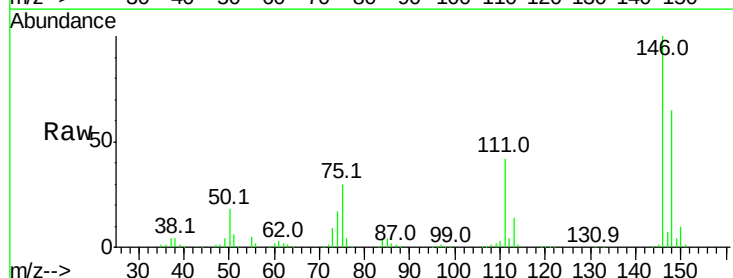
Tgt Ion: 146 Resp: 565493

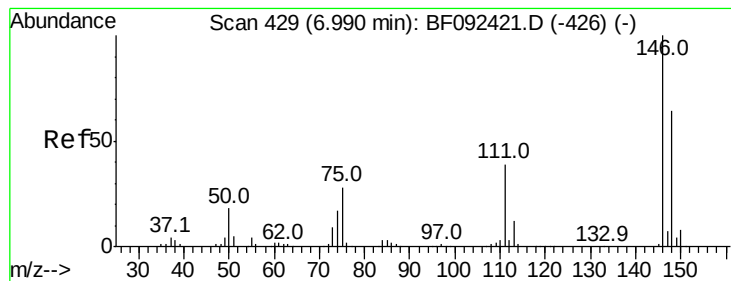
Ion Ratio Lower Upper

146 100

148 64.6 53.4 80.0

75 29.9 18.5 27.7#





#13

1,4-Dichlorobenzene

Concen: 41.44 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

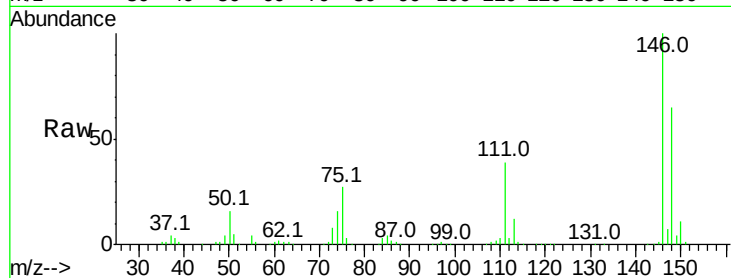
Tot Ion:146 Resp: 588262

Ion Ratio Lower Upper

146 100

148 65.5 50.6 76.0

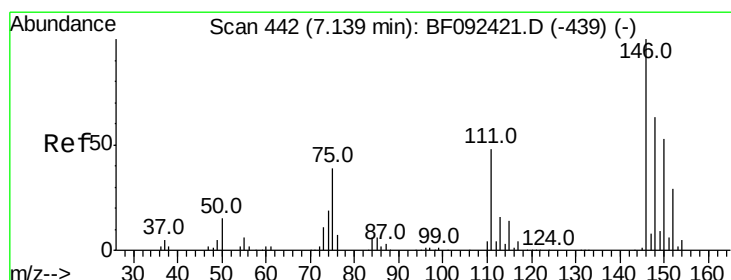
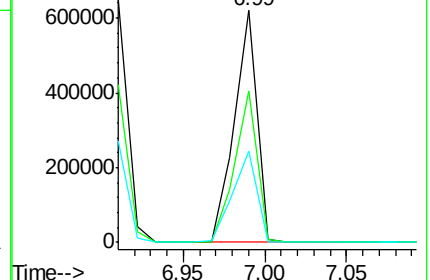
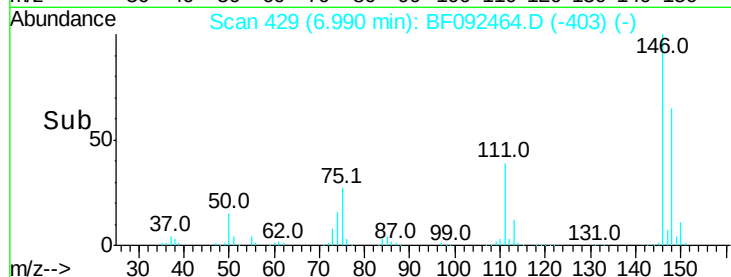
111 39.2 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.77 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

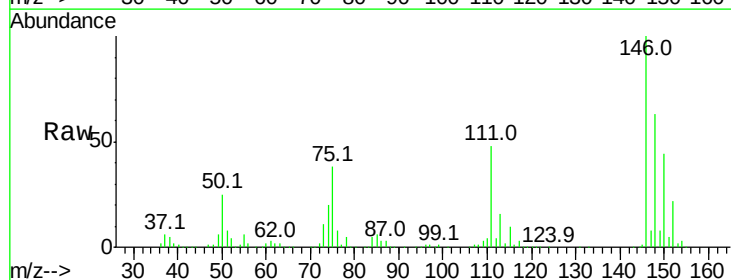
Tgt Ion:146 Resp: 508634

Ion Ratio Lower Upper

146 100

148 63.1 52.2 78.2

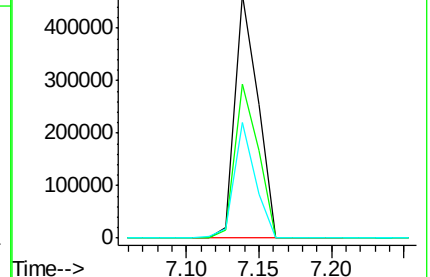
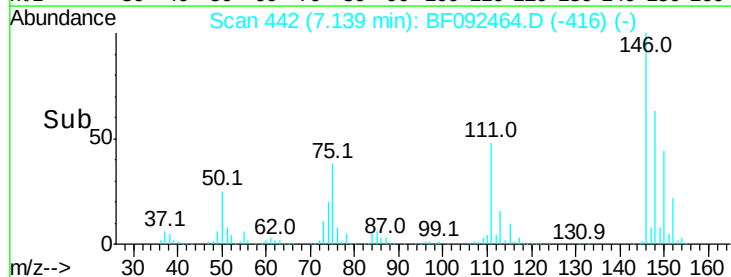
111 47.7 36.2 54.2

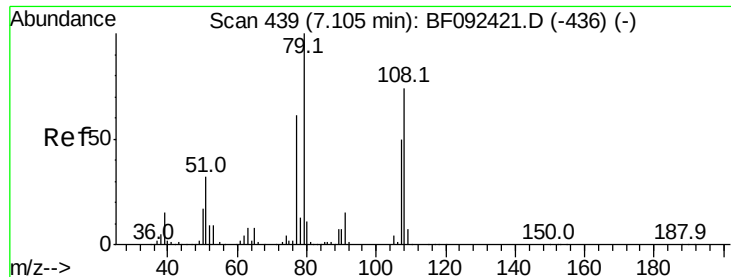


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

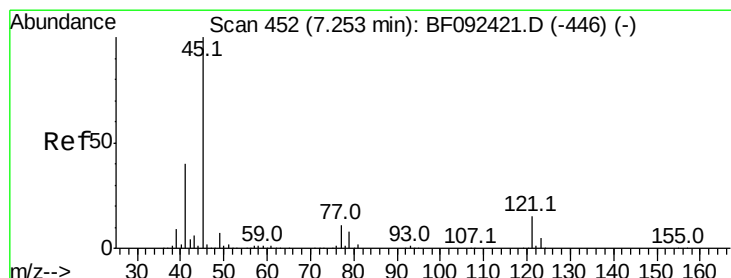
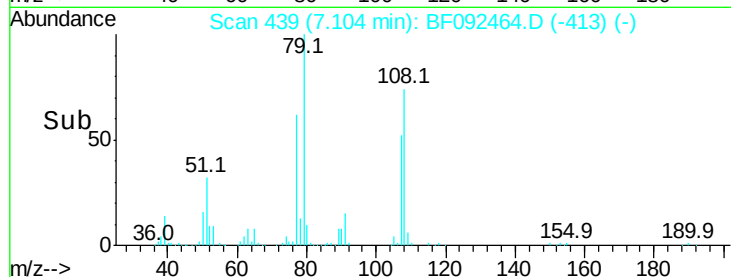
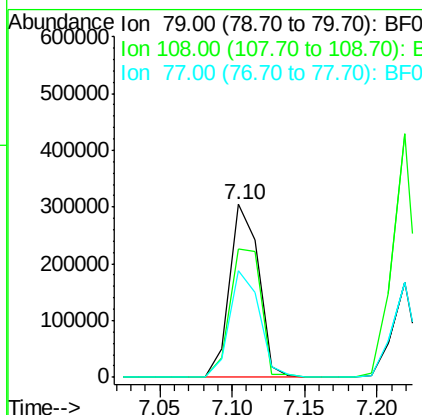
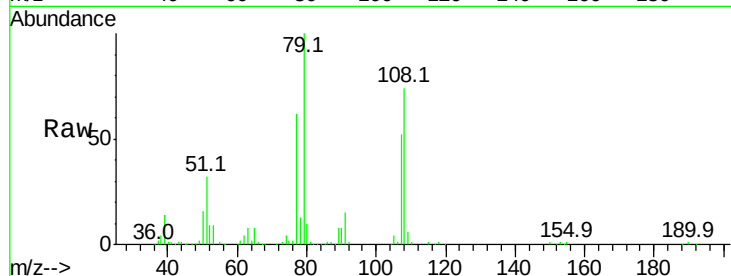




#15
Benzyl Alcohol
Concen: 38.98 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.00 min
Lab File: BF092464.D
Acq: 25 Jan 2017 9:29

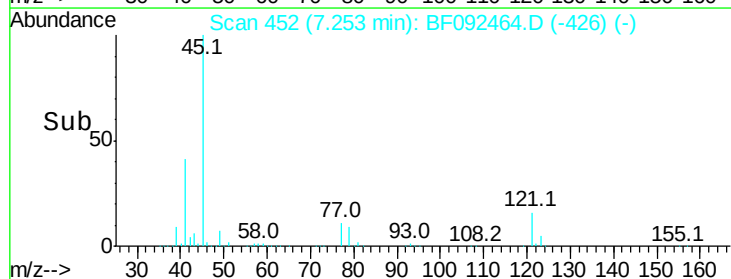
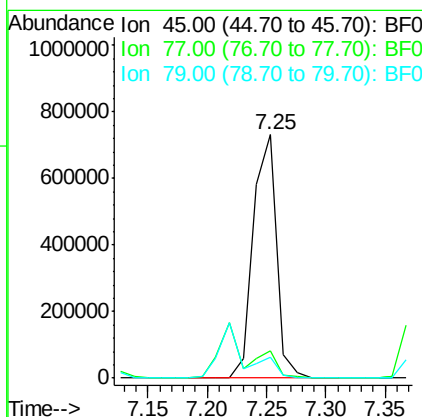
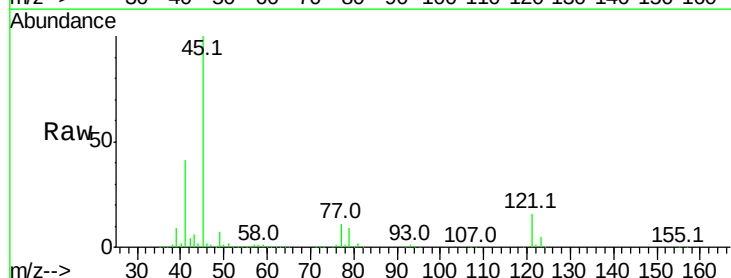
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

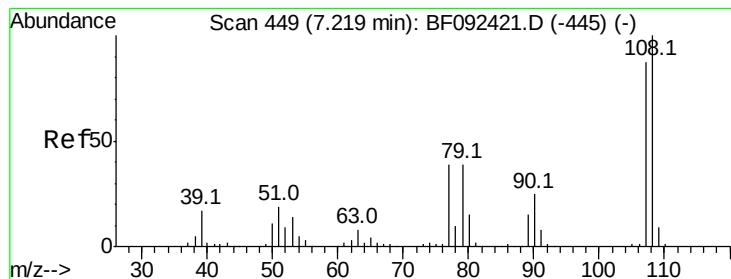
Tot Ion: 79 Resp: 424907
Ion Ratio Lower Upper
79 100
108 74.2 61.4 92.0
77 62.0 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.88 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF092464.D
Acq: 25 Jan 2017 9:29

Tgt Ion: 45 Resp: 1004559
Ion Ratio Lower Upper
45 100
77 11.2 0.0 34.6
79 8.8 0.0 31.2





#17

2-Methylphenol

Concen: 39.63 ng

RT: 7.22 min Scan# 449

Delta R.T. -0.00 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 403849

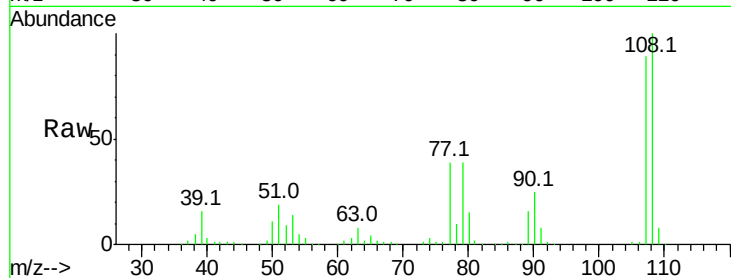
Ion Ratio Lower Upper

107 100

108 112.8 93.0 139.6

77 44.1 39.8 59.8

79 44.0 38.0 57.0

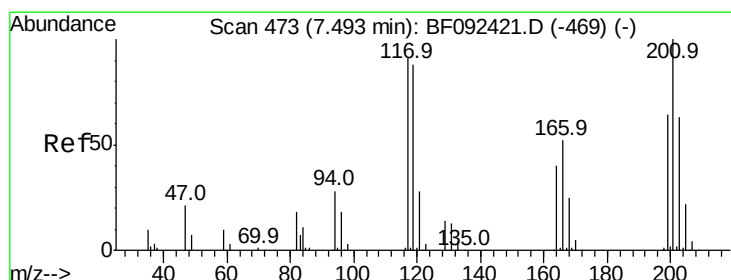
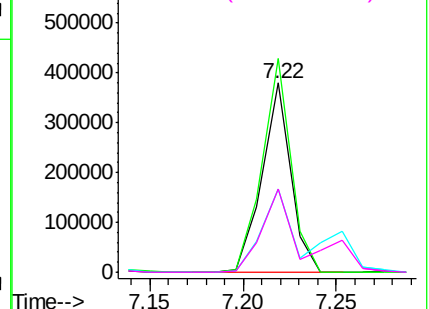
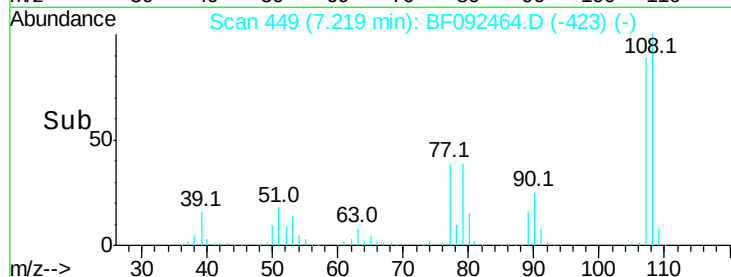


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 40.92 ng

RT: 7.49 min Scan# 473

Delta R.T. -0.00 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

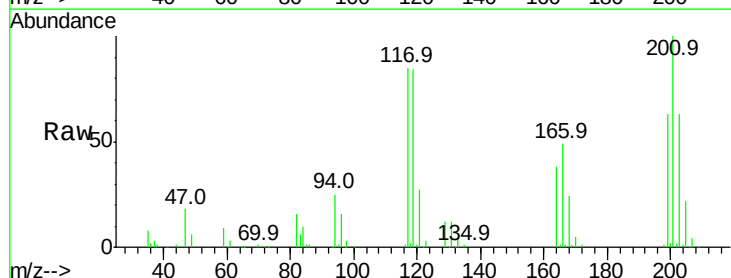
Tgt Ion:117 Resp: 200090

Ion Ratio Lower Upper

117 100

119 98.4 78.1 117.1

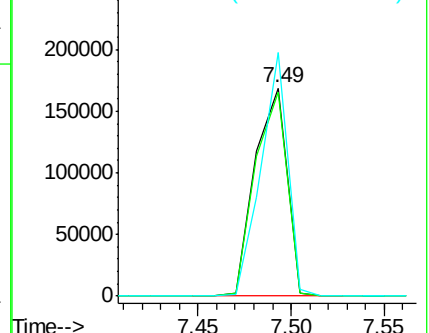
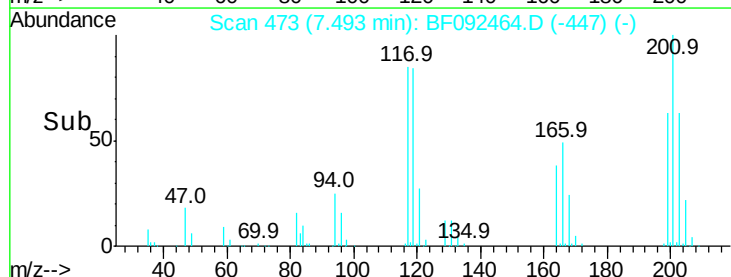
201 117.2 78.6 117.8

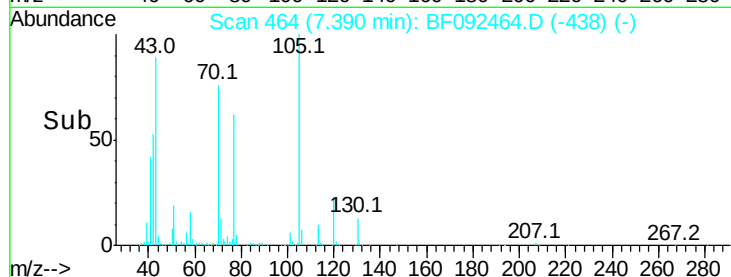
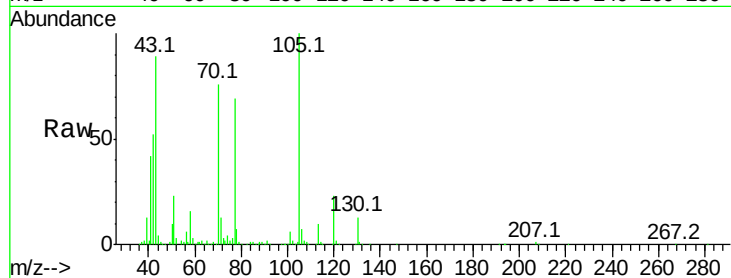
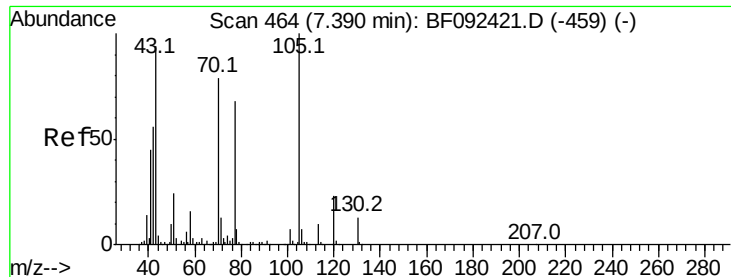


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

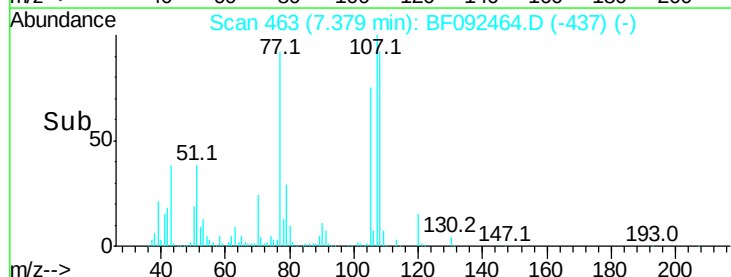
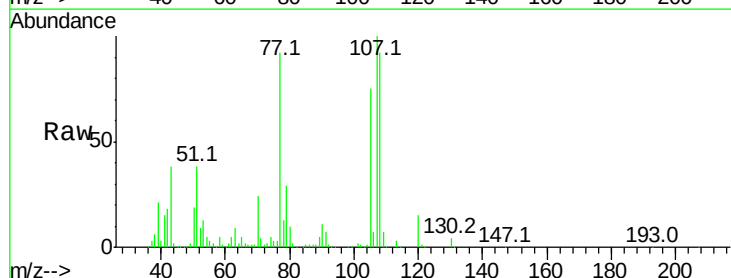
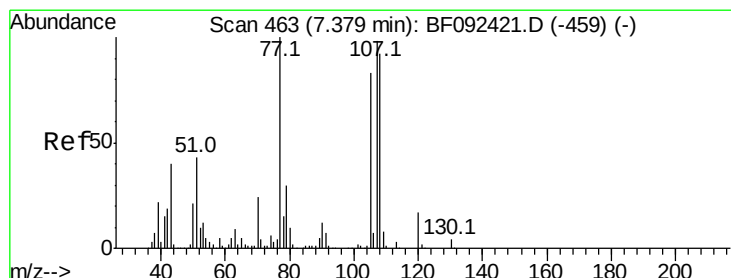
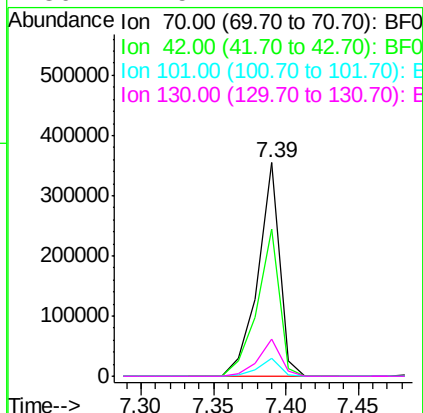




#19
n-Nitroso-di-n-propylamine
Concen: 37.51 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF092464.D
Acq: 25 Jan 2017 9:29

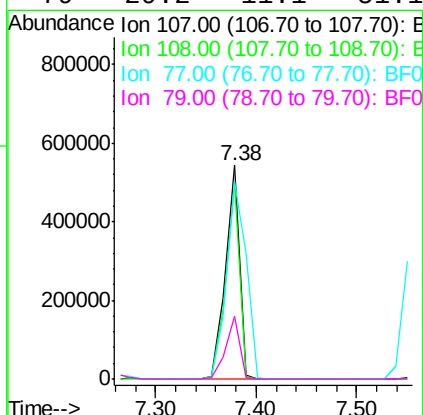
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

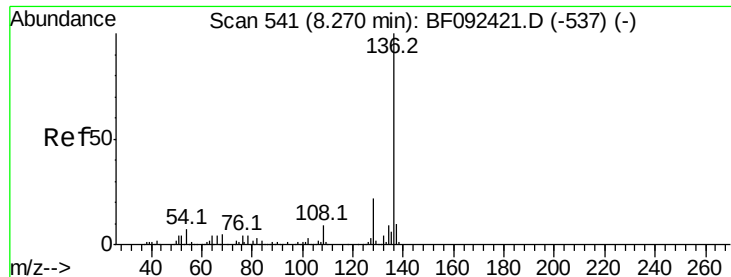
Tot Ion:	70	Resp:	369423
Ion	Ratio	Lower	Upper
70	100		
42	68.9	49.4	74.0
101	8.5	7.4	11.2
130	17.5	14.2	21.4



#20
3+4-Methylphenols
Concen: 42.63 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF092464.D
Acq: 25 Jan 2017 9:29

Tgt Ion:	107	Resp:	526977
Ion	Ratio	Lower	Upper
107	100		
108	91.5	73.0	113.0
77	92.1	71.3	111.3
79	29.2	11.1	51.1

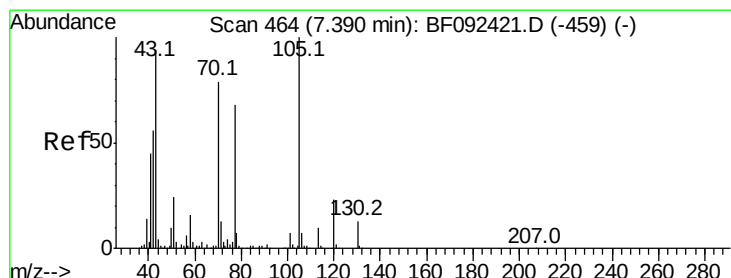
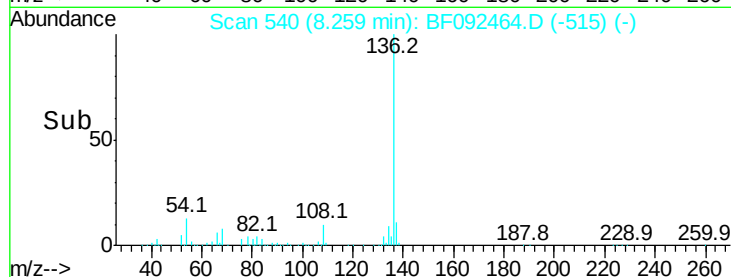
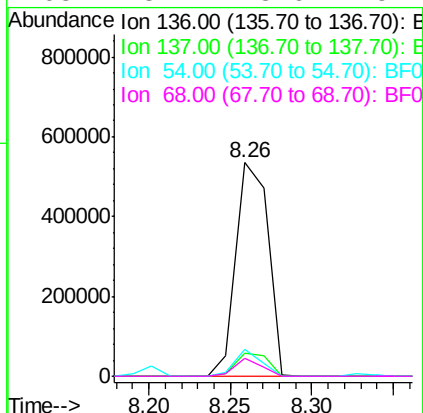
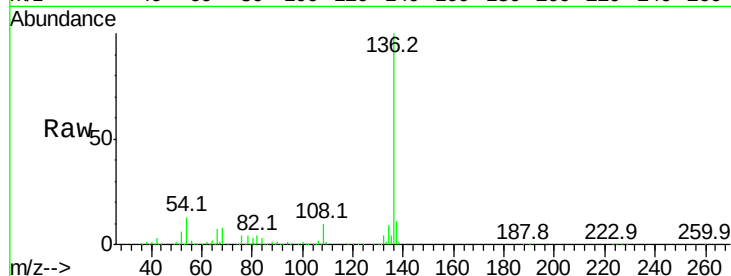




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092464.D
Acq: 25 Jan 2017 9:29

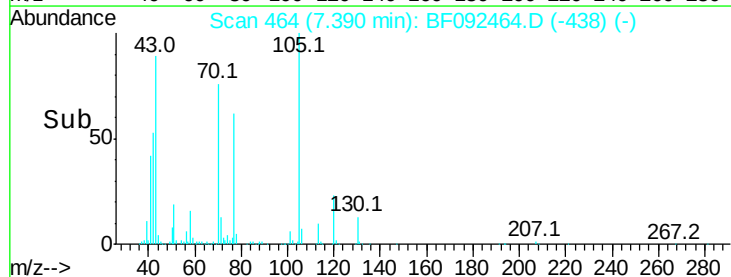
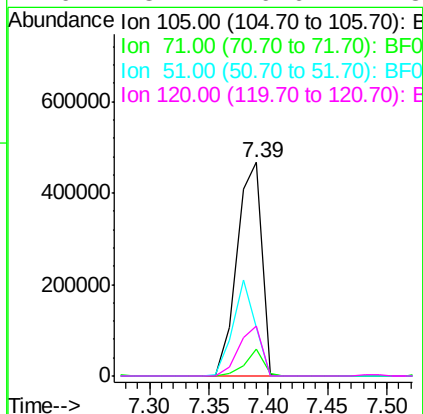
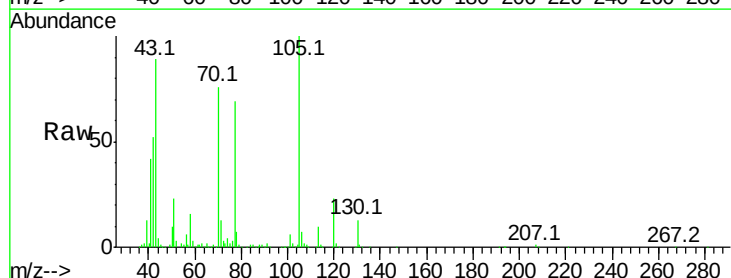
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

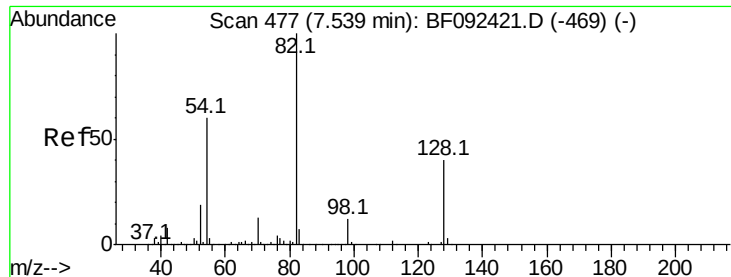
Tot Ion:136	Resp: 728862
Ion Ratio	Lower Upper
136 100	
137 11.1	8.4 12.6
54 12.6	4.5 6.7#
68 8.4	3.6 5.4#



#22
Acetophenone
Concen: 38.87 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF092464.D
Acq: 25 Jan 2017 9:29

Tgt	Ion:105	Resp:	674831
Ion	Ratio	Lower	Upper
105	100		
71	12.7	3.2	4.8#
51	23.0	26.2	39.4#
120	23.2	16.6	24.8

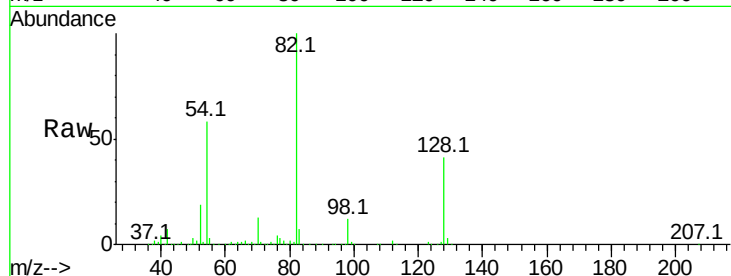




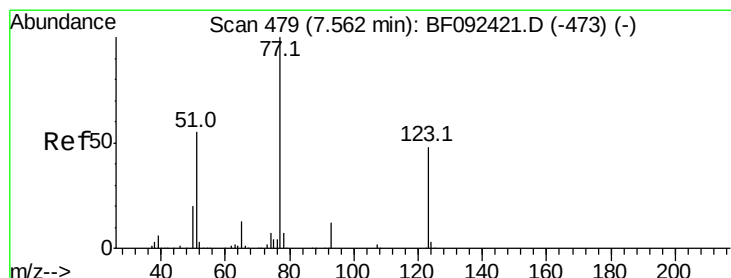
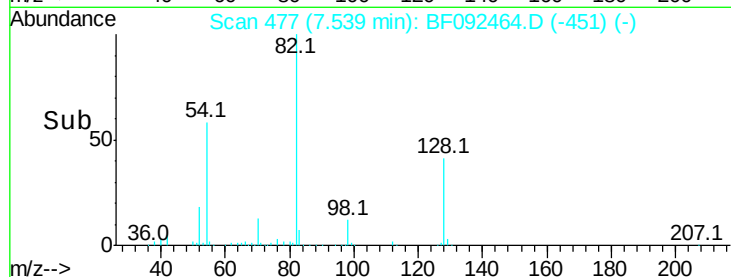
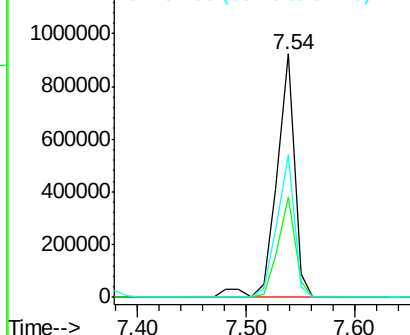
#23
Nitrobenzene-d5
Concen: 78.94 ng
RT: 7.54 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF092464.D
Acq: 25 Jan 2017 9:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 1053341
Ion Ratio Lower Upper
82 100
128 41.1 34.6 52.0
54 58.4 39.5 59.3

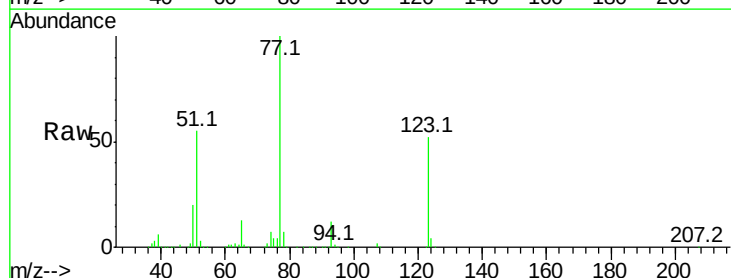


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

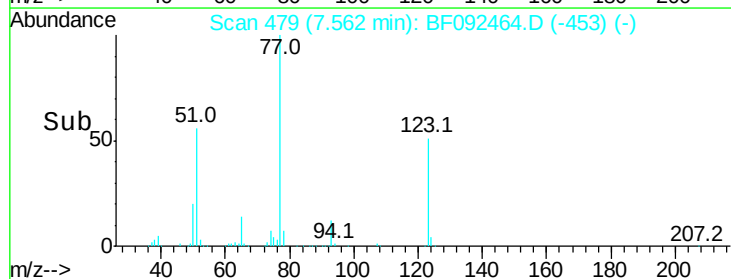
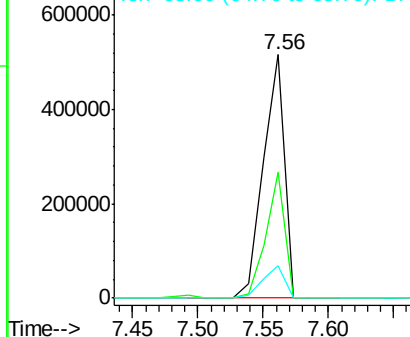


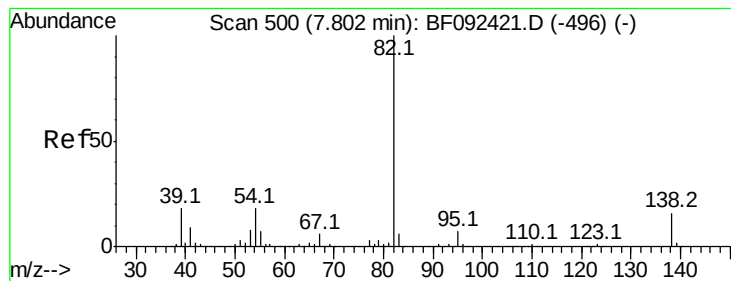
#24
Nitrobenzene
Concen: 41.79 ng
RT: 7.56 min Scan# 479
Delta R.T. -0.00 min
Lab File: BF092464.D
Acq: 25 Jan 2017 9:29

Tgt Ion: 77 Resp: 584161
Ion Ratio Lower Upper
77 100
123 51.7 33.0 49.4#
65 13.5 11.2 16.8



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





#25

Isophorone

Concen: 38.14 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

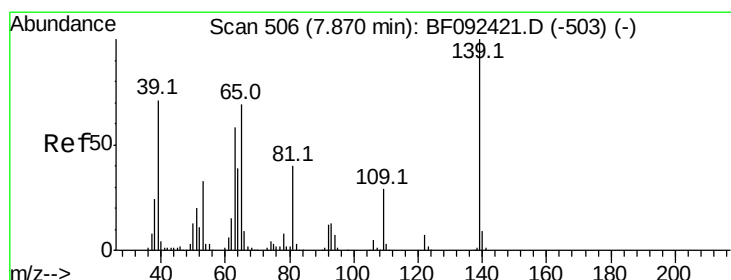
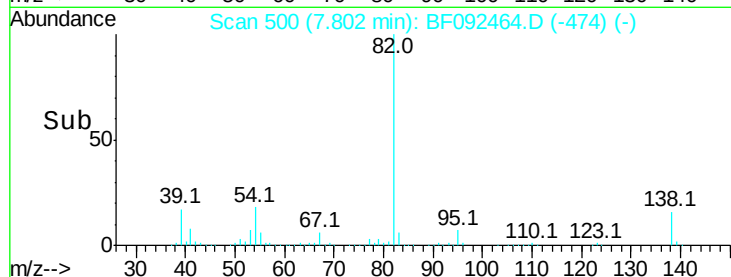
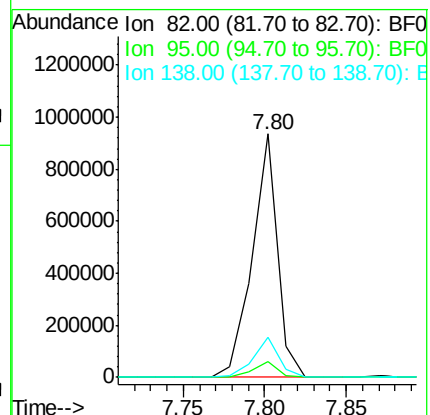
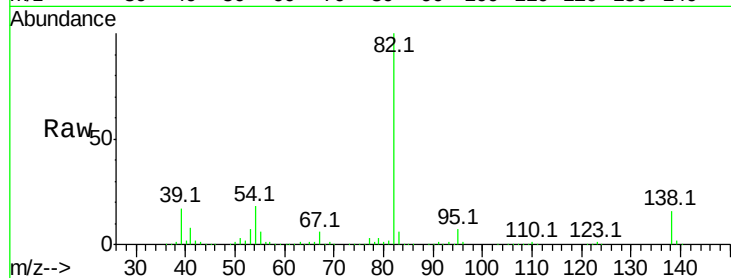
Tot Ion: 82 Resp: 1002725

Ion Ratio Lower Upper

82 100

95 6.6 5.6 8.4

138 16.4 14.6 22.0



#26

2-Nitrophenol

Concen: 42.38 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

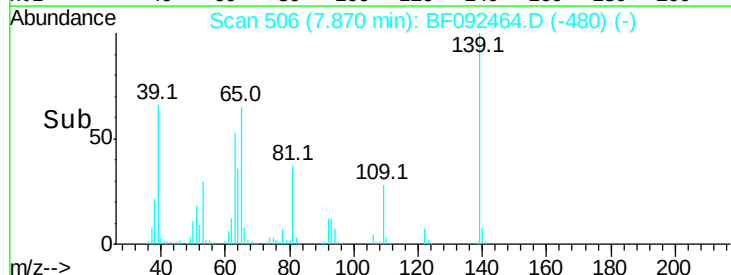
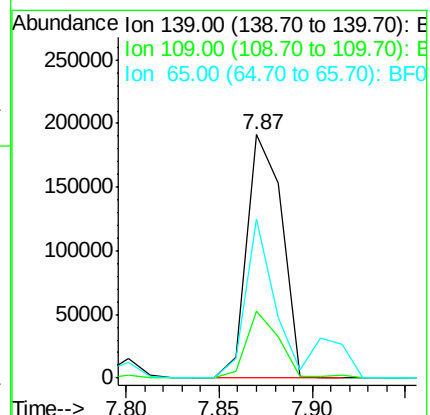
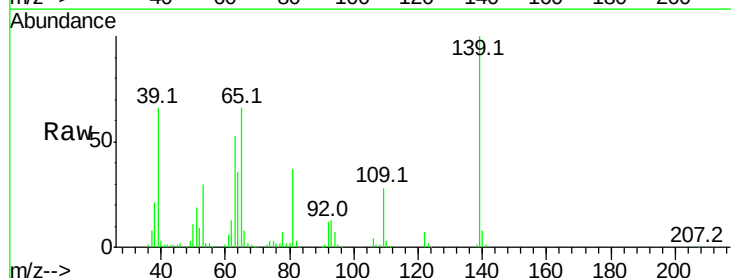
Tgt Ion: 139 Resp: 248254

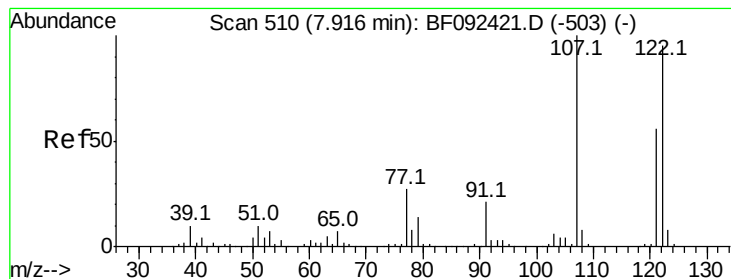
Ion Ratio Lower Upper

139 100

109 27.5 23.3 34.9

65 65.5 42.7 64.1#





#27

2,4-Dimethylphenol

Concen: 39.37 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.00 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

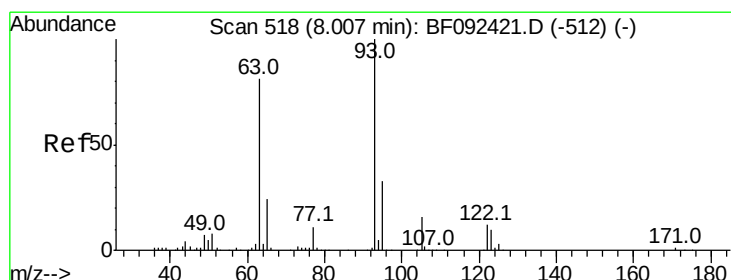
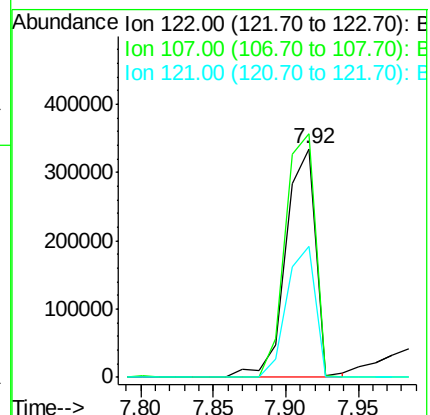
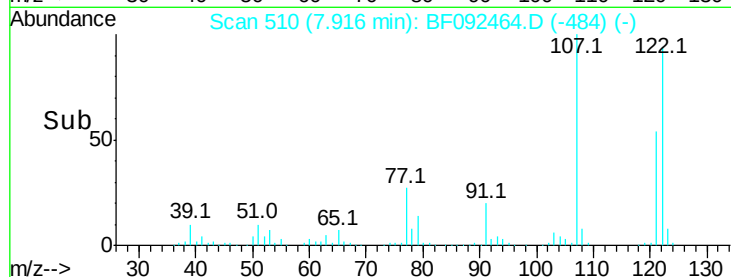
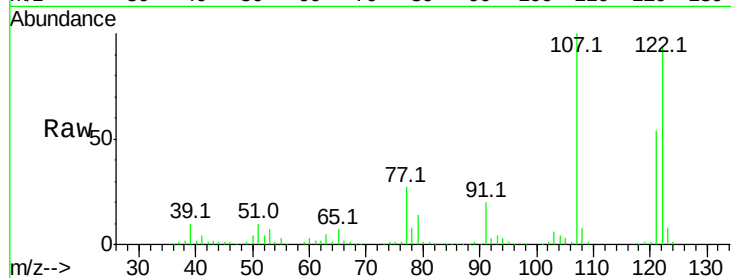
Tot Ion:122 Resp: 479644

Ion Ratio Lower Upper

122 100

107 106.6 94.1 141.1

121 57.5 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 36.16 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.00 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

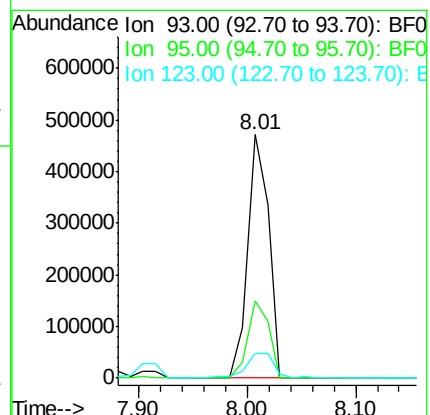
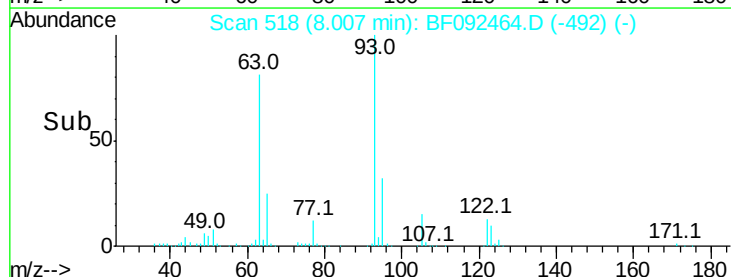
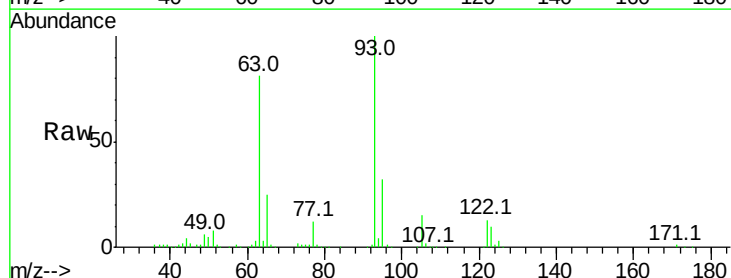
Tgt Ion: 93 Resp: 624053

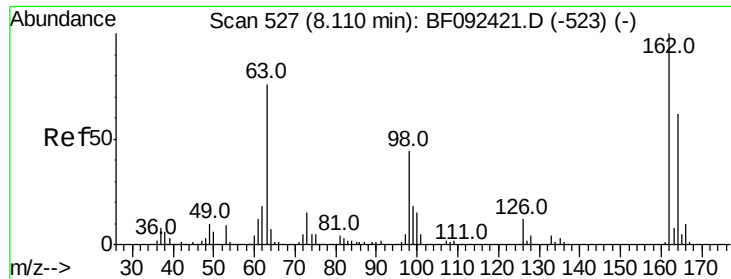
Ion Ratio Lower Upper

93 100

95 31.7 26.5 39.7

123 10.1 8.6 13.0

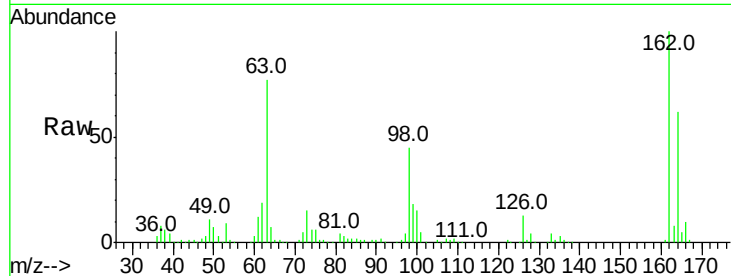




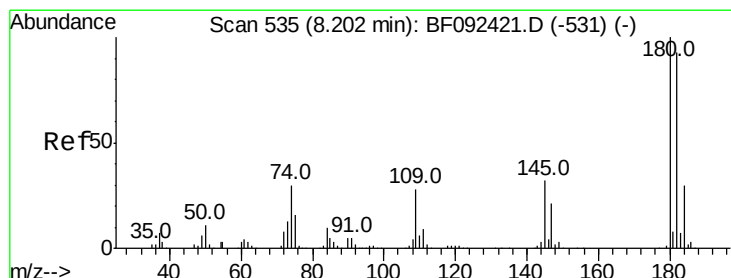
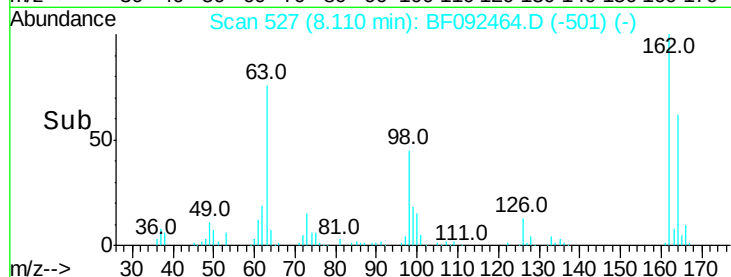
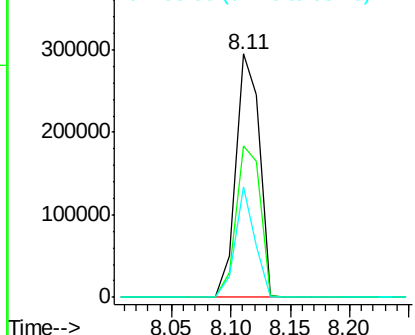
#29
 2,4-Dichlorophenol
 Concen: 38.71 ng
 RT: 8.11 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: BF092464.D
 Acq: 25 Jan 2017 9:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.0	46.8	86.8
98	45.5	9.1	49.1

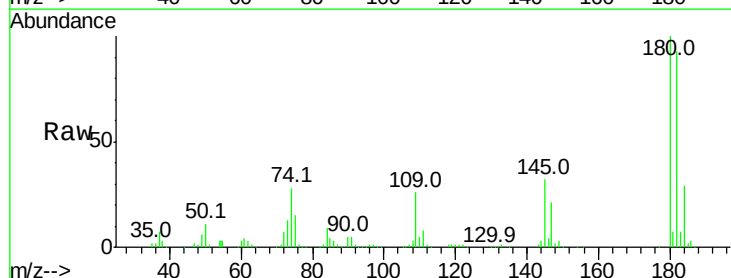


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

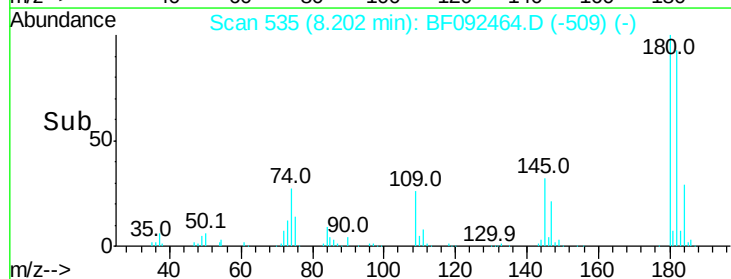
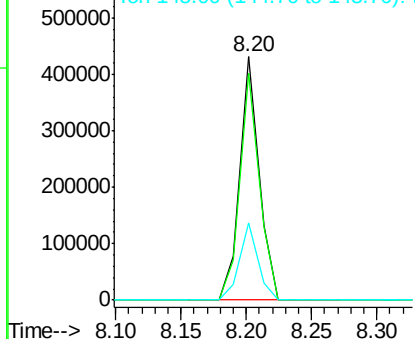


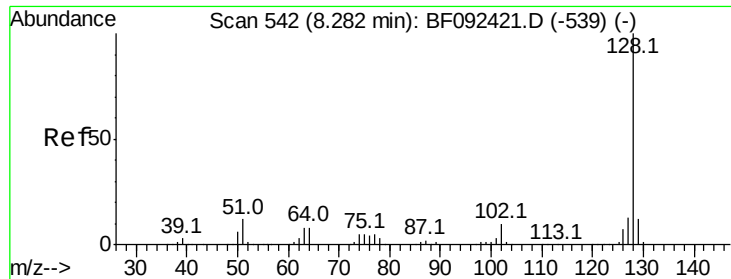
#30
 1,2,4-Trichlorobenzene
 Concen: 38.61 ng
 RT: 8.20 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: BF092464.D
 Acq: 25 Jan 2017 9:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	78.2	117.4
145	31.7	21.6	32.4



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: 37.20 ng

RT: 8.28 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

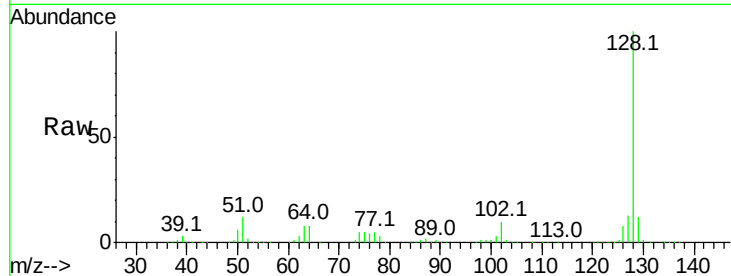
Tot Ion:128 Resp: 1387680

Ion Ratio Lower Upper

128 100

129 11.5 9.5 14.3

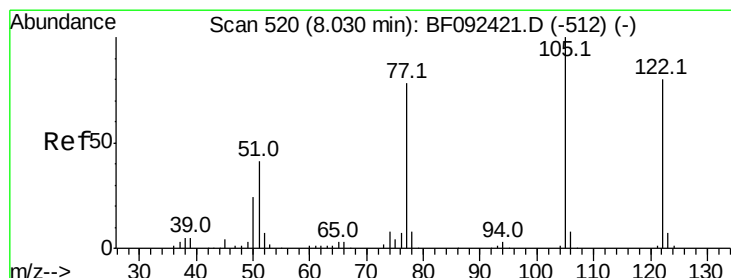
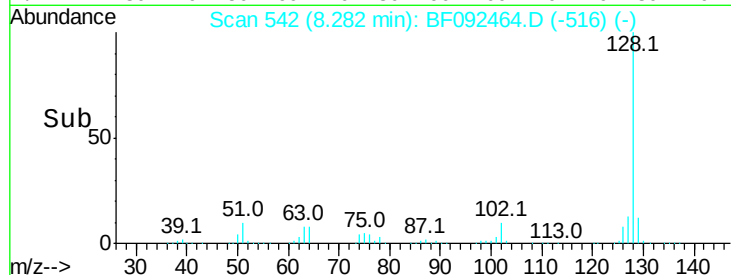
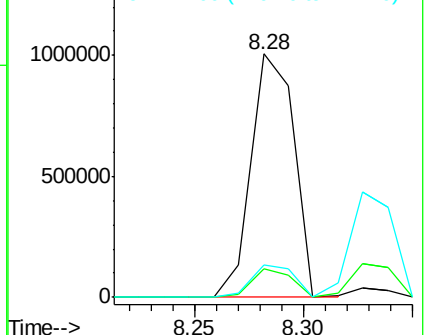
127 13.4 10.8 16.2



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: 36.89 ng

RT: 8.03 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

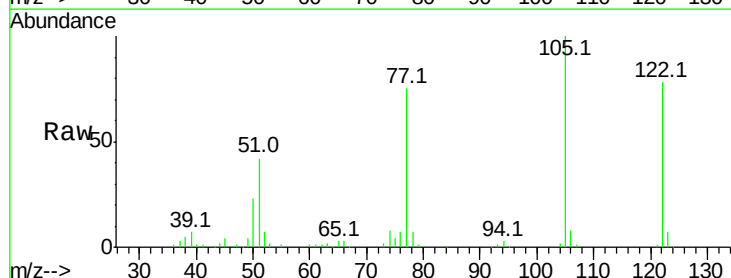
Tgt Ion:122 Resp: 324952

Ion Ratio Lower Upper

122 100

105 127.5 107.2 147.2

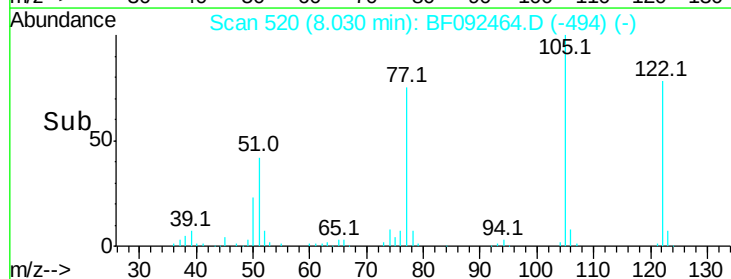
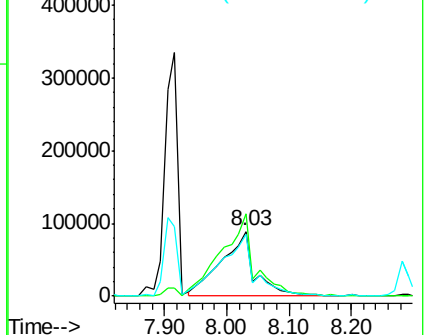
77 96.0 74.5 114.5

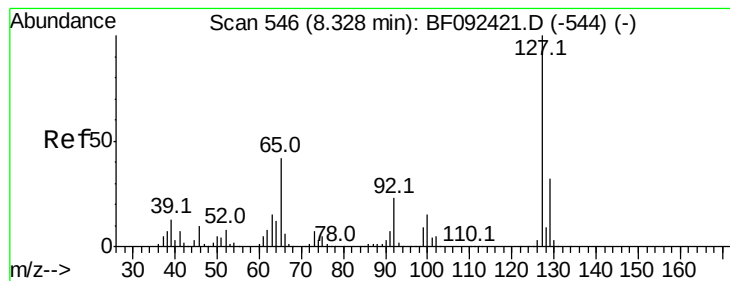


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 38.14 ng

RT: 8.33 min Scan# 546

Delta R.T. -0.00 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:127 Resp: 601924

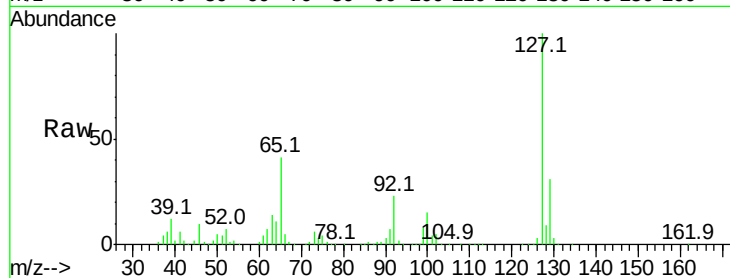
Ion Ratio Lower Upper

127 100

129 31.5 26.3 39.5

65 40.8 25.8 38.8#

92 22.9 16.1 24.1

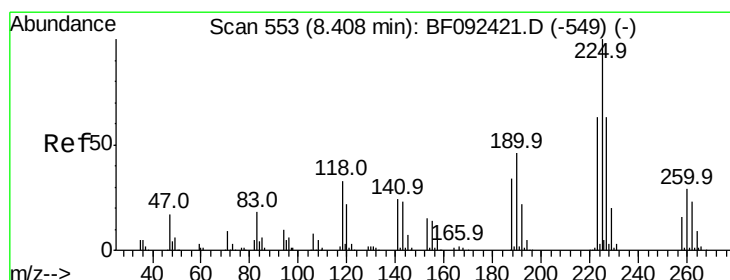
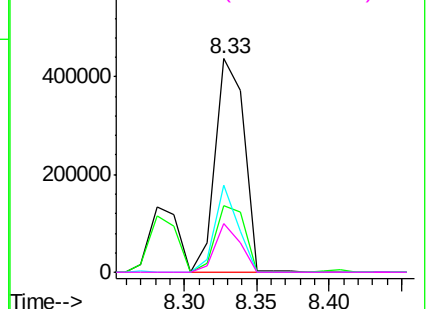
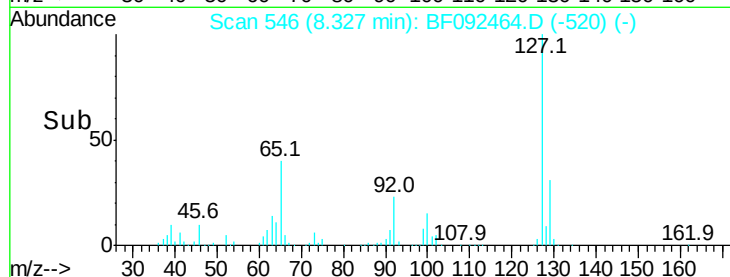


Abundance Ion 127.00 (126.70 to 127.70): E

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: 40.33 ng

RT: 8.41 min Scan# 553

Delta R.T. -0.00 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

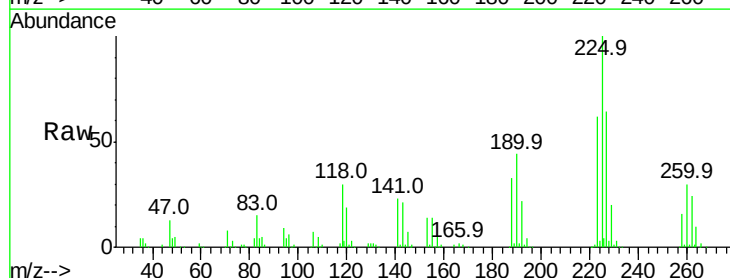
Tgt Ion:225 Resp: 251842

Ion Ratio Lower Upper

225 100

223 62.1 51.0 76.6

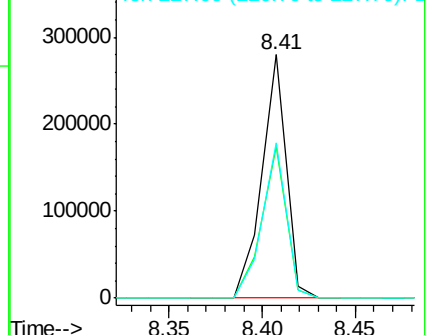
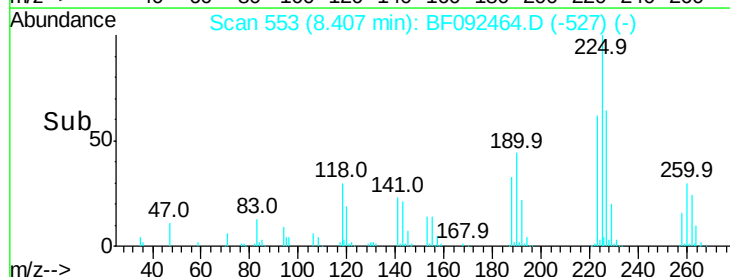
227 64.0 50.6 76.0

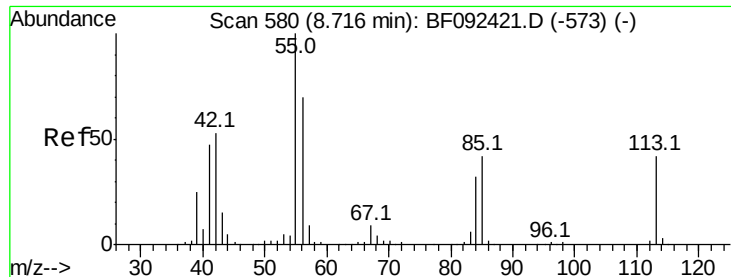


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 38.60 ng

RT: 8.72 min Scan# 580

Delta R.T. -0.00 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

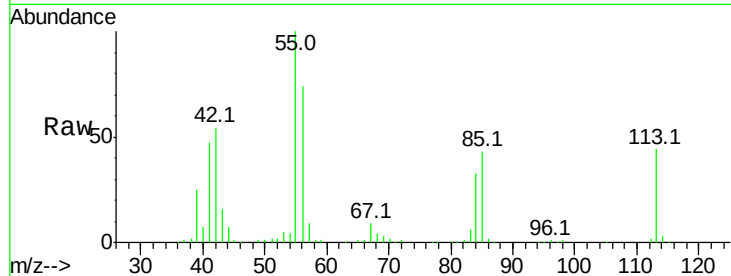
Tot Ion:113 Resp: 136120

Ion Ratio Lower Upper

113 100

55 227.0 119.2 159.2#

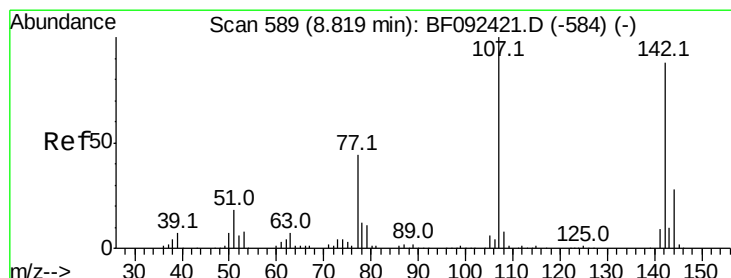
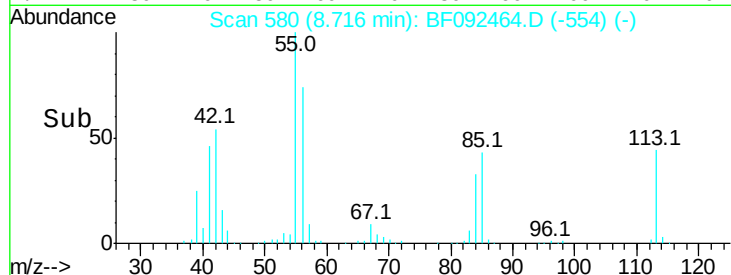
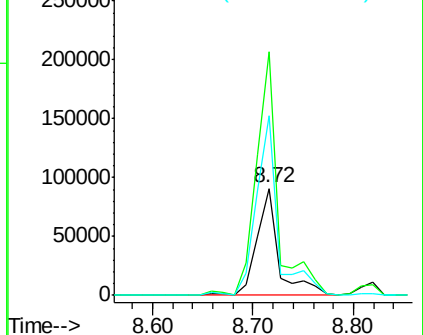
56 167.9 83.8 123.8#



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: 42.99 ng

RT: 8.82 min Scan# 589

Delta R.T. -0.00 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

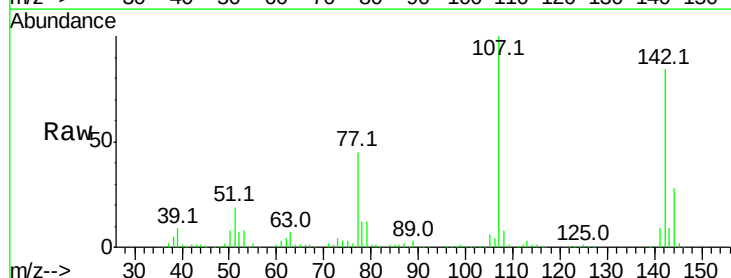
Tgt Ion:107 Resp: 489637

Ion Ratio Lower Upper

107 100

144 27.6 19.3 28.9

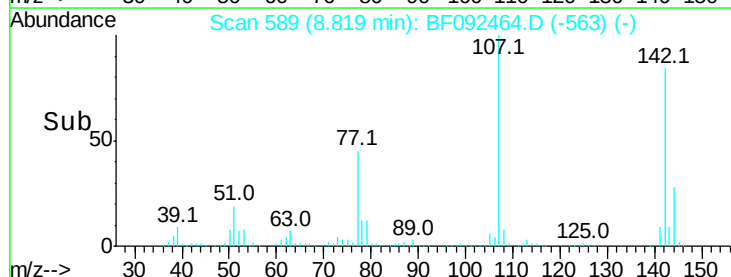
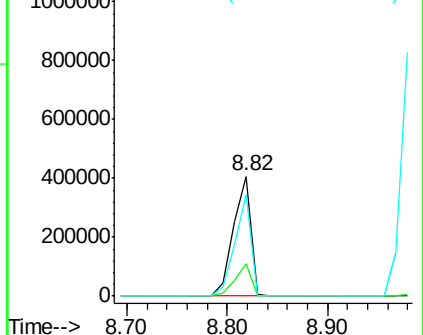
142 84.5 59.0 88.6

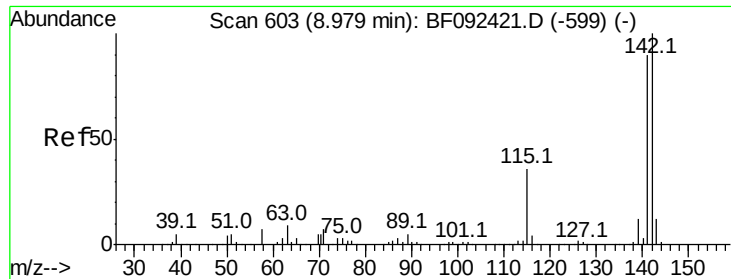


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

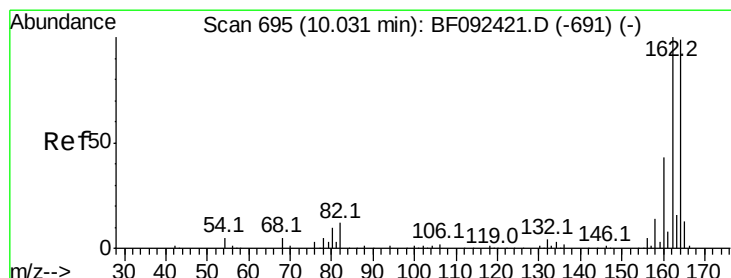
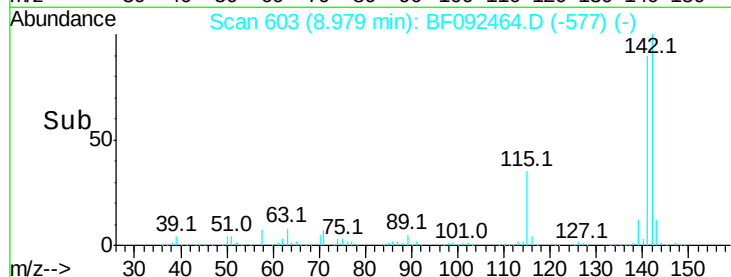
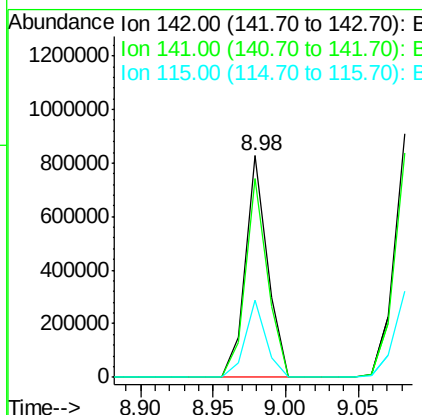
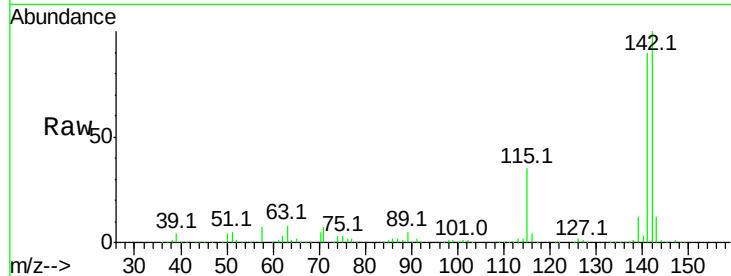




#37
 2-Methylnaphthalene
 Concen: 37.09 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: BF092464.D
 Acq: 25 Jan 2017 9:29

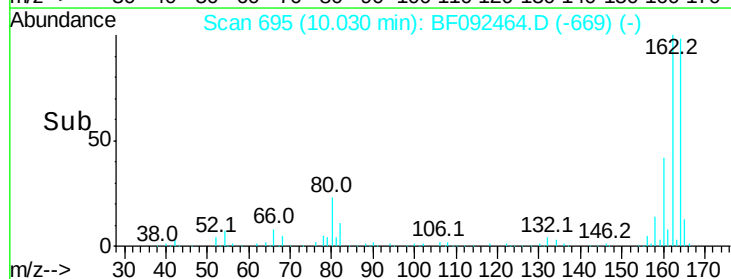
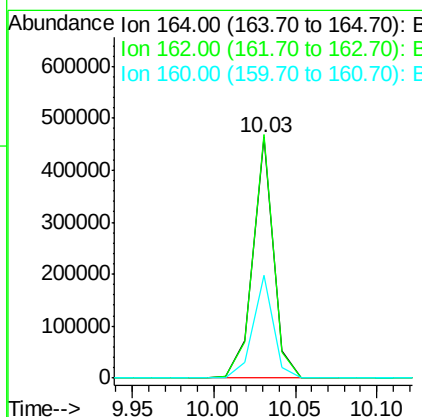
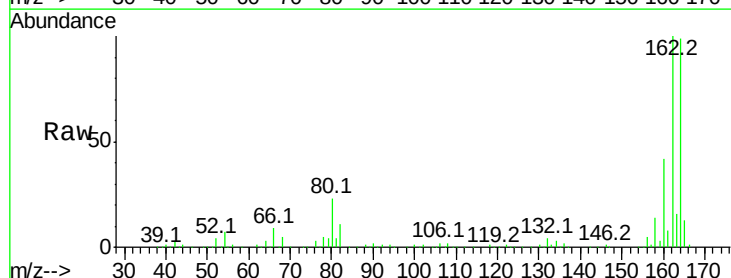
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

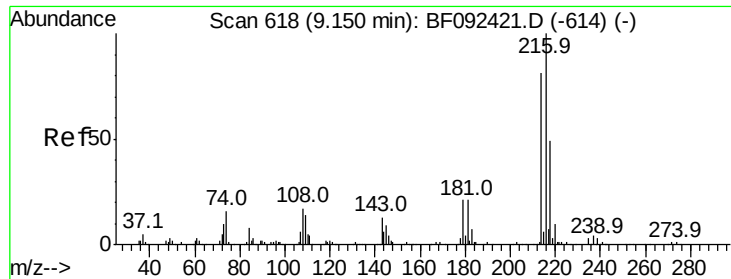
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.0	106.6
115	34.7	28.3	42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.03 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: BF092464.D
 Acq: 25 Jan 2017 9:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.2	120.2
160	42.8	36.9	55.3

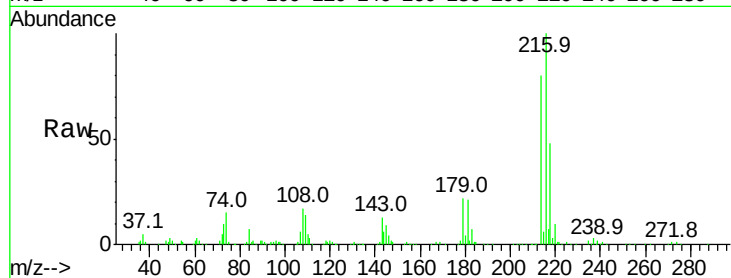




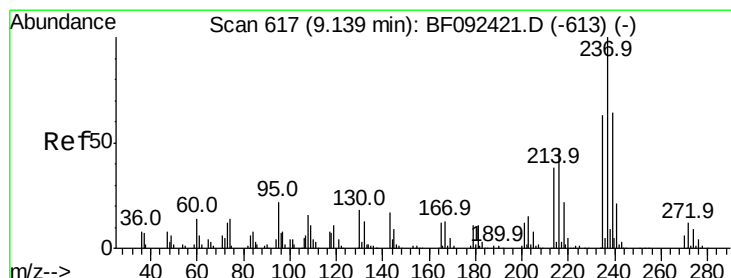
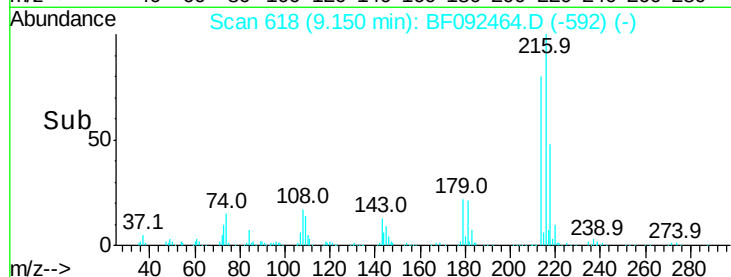
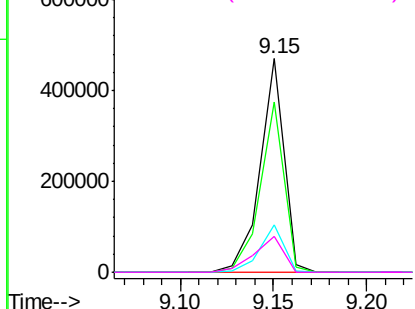
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.52 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF092464.D
 Acq: 25 Jan 2017 9:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	216	Resp:	413706
Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.4	95.0
179	22.5	17.4	26.2
108	20.7	15.6	23.4

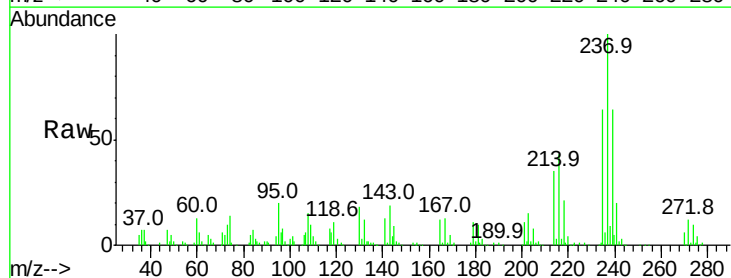


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

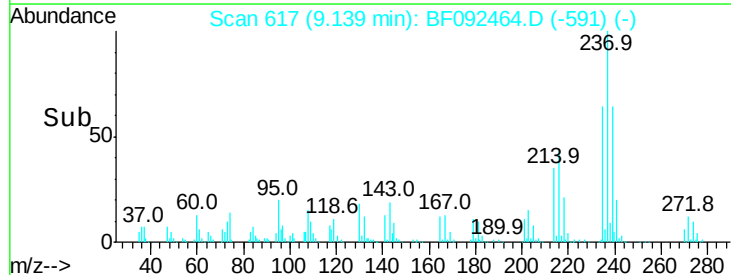
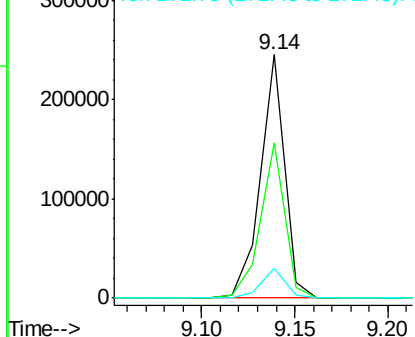


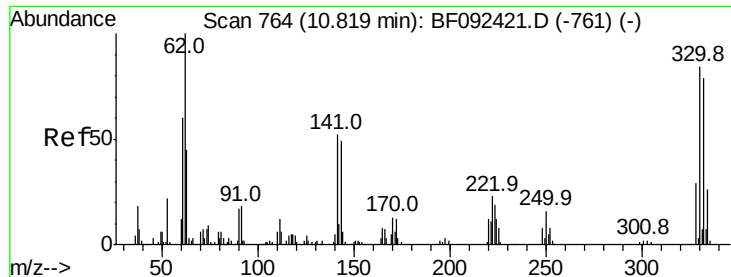
#40
 Hexachlorocyclopentadiene
 Concen: 42.58 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF092464.D
 Acq: 25 Jan 2017 9:29

Tgt Ion:	237	Resp:	217691
Ion	Ratio	Lower	Upper
237	100		
235	63.8	41.2	81.2
272	12.5	0.0	35.4



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





#41

2,4,6-Tribromophenol

Concen: 78.80 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

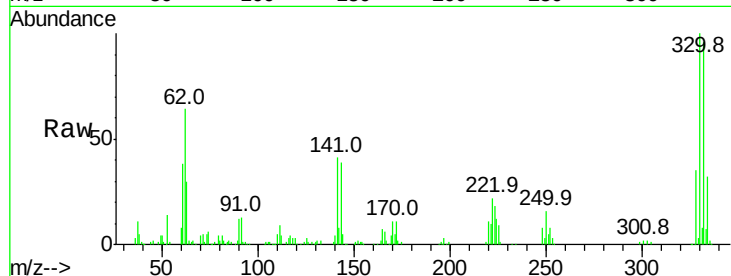
Tot Ion:330 Resp: 217360

Ion Ratio Lower Upper

330 100

332 96.4 77.4 116.2

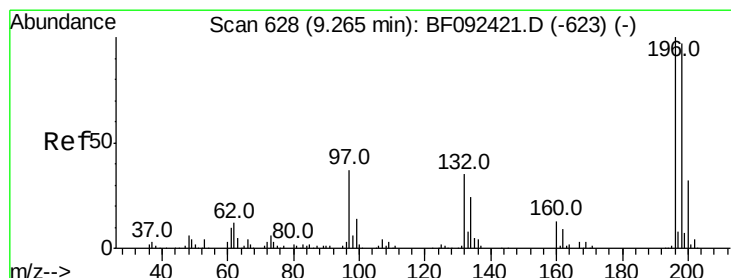
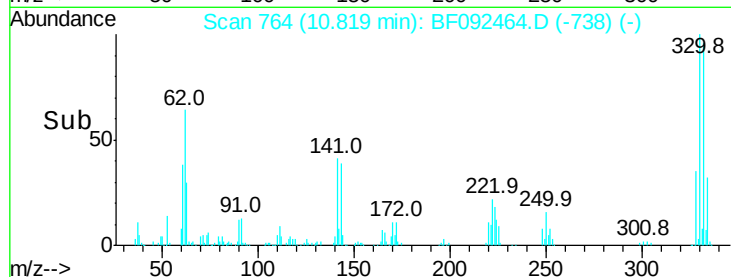
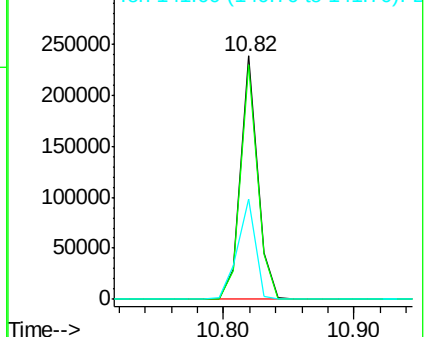
141 43.1 34.1 51.1



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 39.30 ng

RT: 9.26 min Scan# 628

Delta R.T. -0.00 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

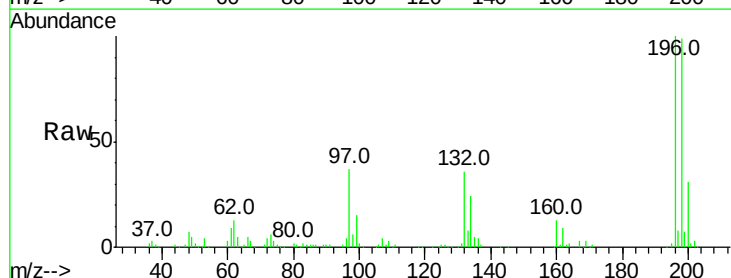
Tgt Ion:196 Resp: 307419

Ion Ratio Lower Upper

196 100

198 98.7 82.1 123.1

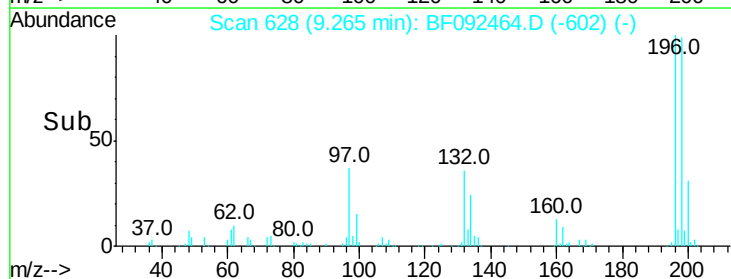
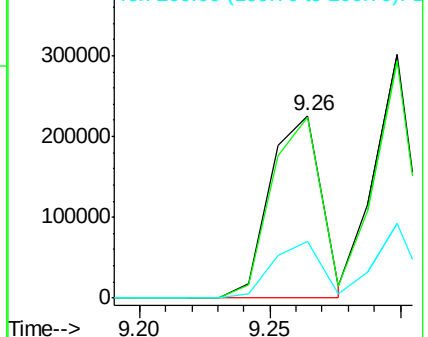
200 31.3 27.0 40.4

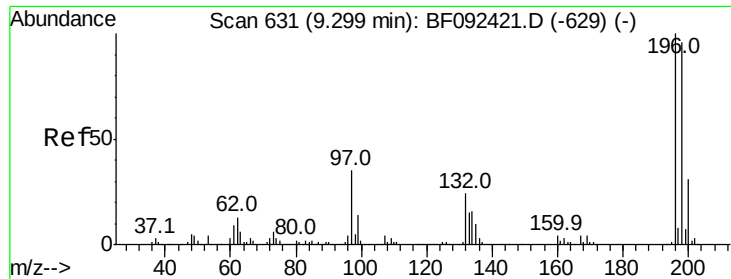


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

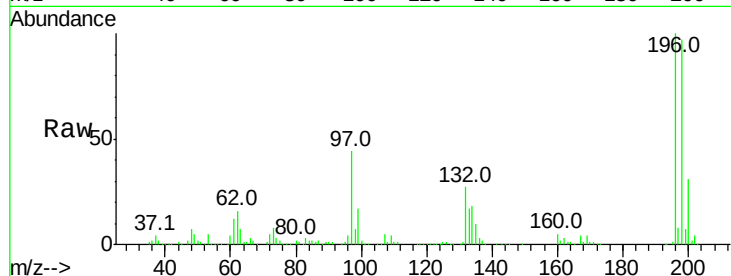




#43
 2,4,5-Trichlorophenol
 Concen: 41.60 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF092464.D
 Acq: 25 Jan 2017 9:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.4	79.4	119.2
97	44.1	51.5	77.3#
132	26.8	27.4	41.2#



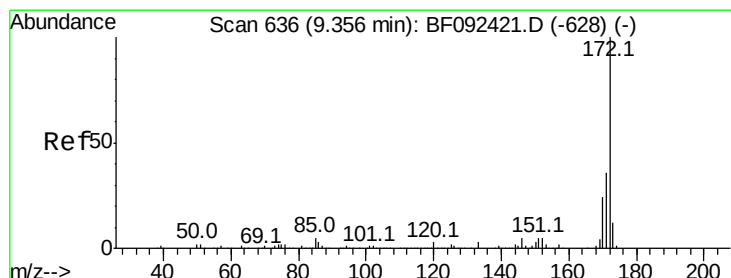
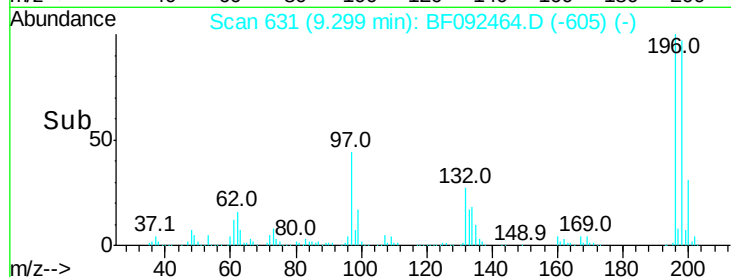
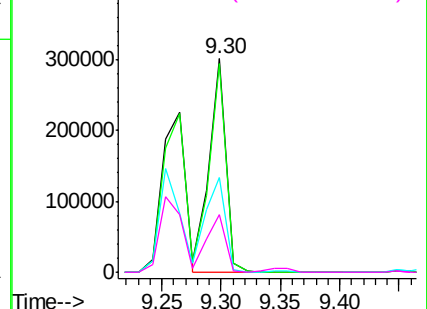
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

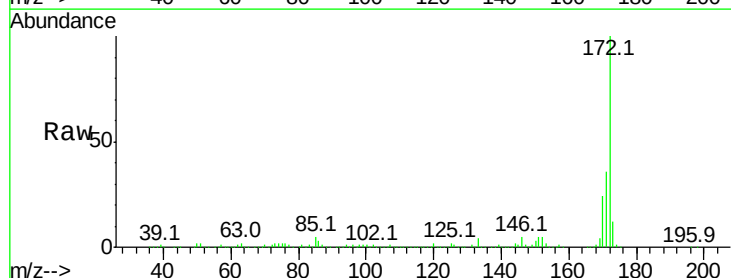
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 81.02 ng
 RT: 9.36 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: BF092464.D
 Acq: 25 Jan 2017 9:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.4	44.0
170	24.2	20.2	30.4

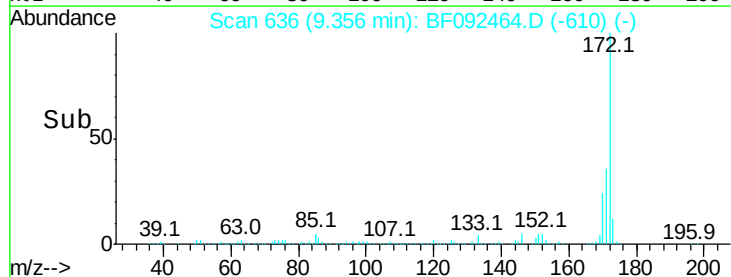
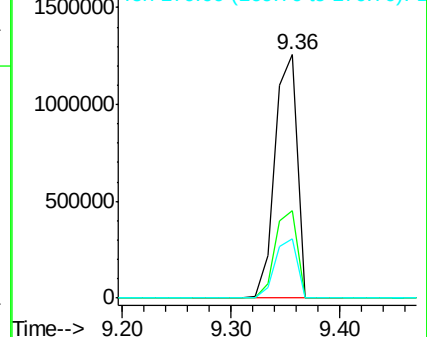


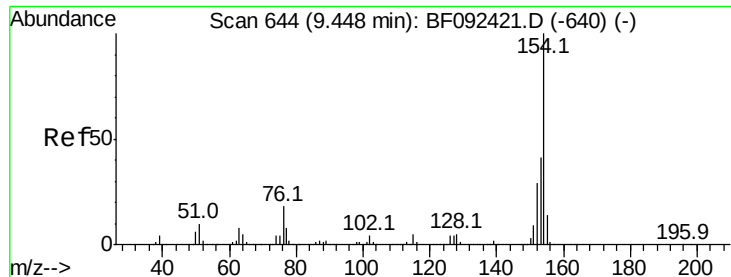
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 35.44 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.00 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

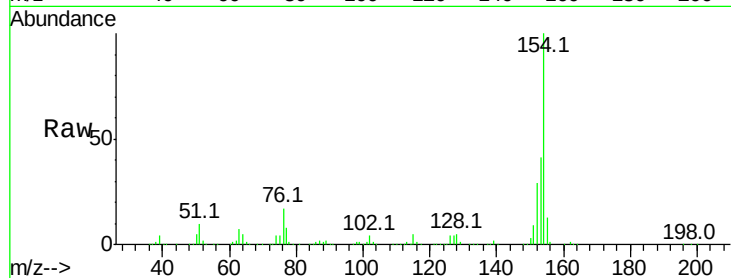
Tot Ion:154 Resp: 1036844

Ion Ratio Lower Upper

154 100

153 41.5 20.9 60.9

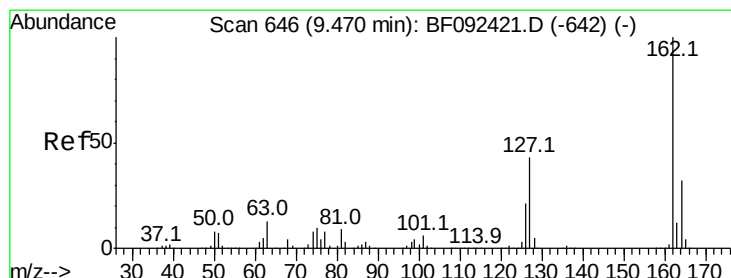
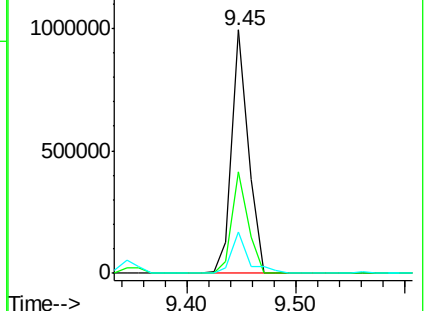
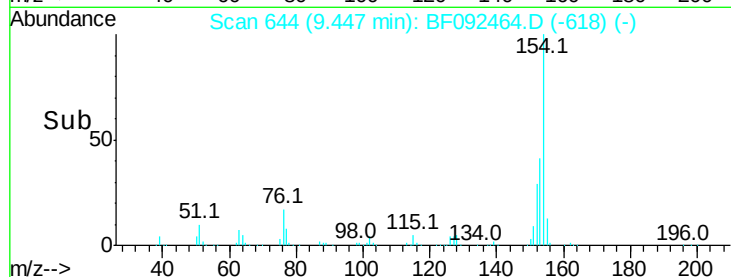
76 17.0 0.0 30.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 37.08 ng

RT: 9.47 min Scan# 646

Delta R.T. -0.00 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

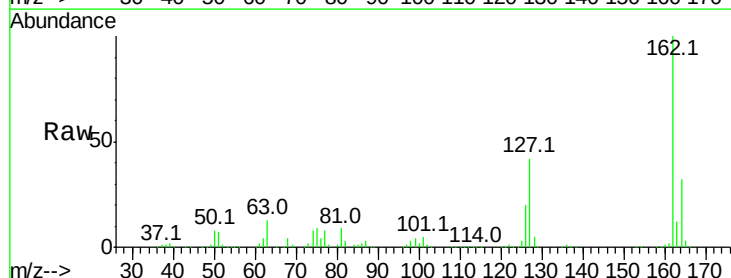
Tgt Ion:162 Resp: 886112

Ion Ratio Lower Upper

162 100

127 42.2 30.7 46.1

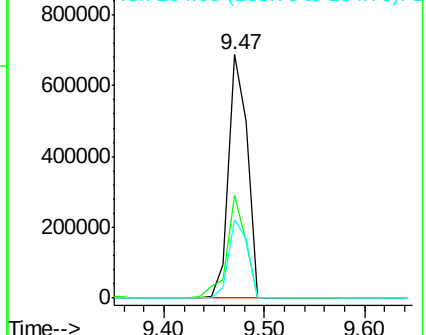
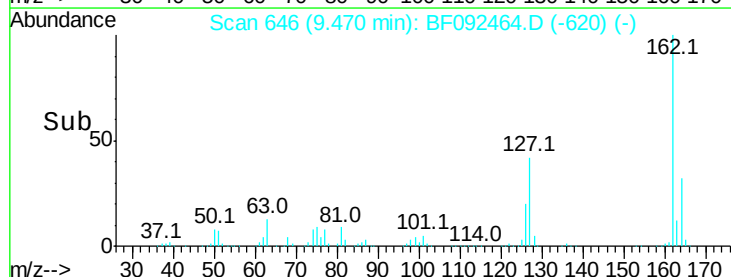
164 32.4 27.6 41.4

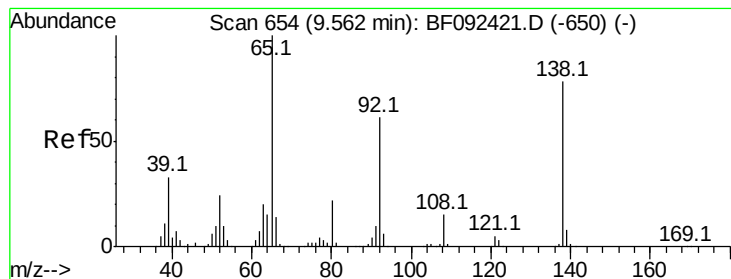


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 39.58 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

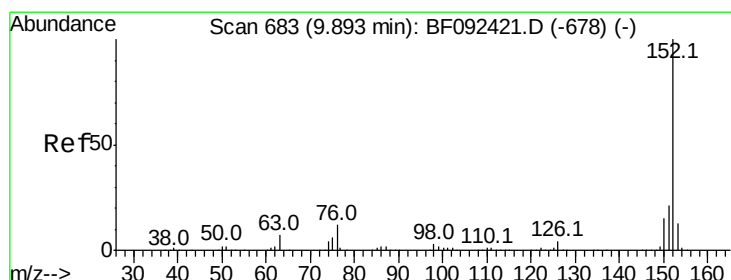
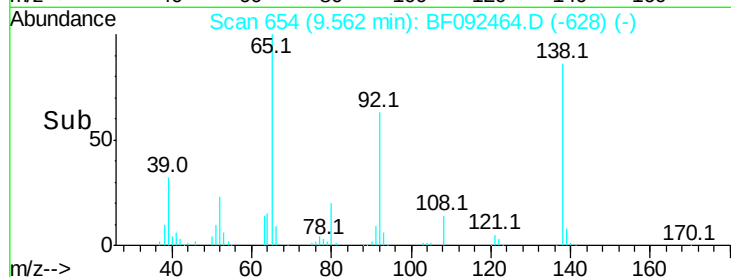
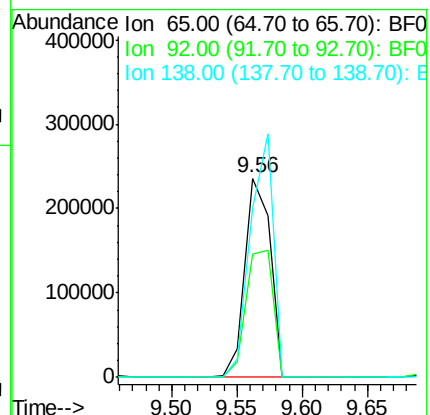
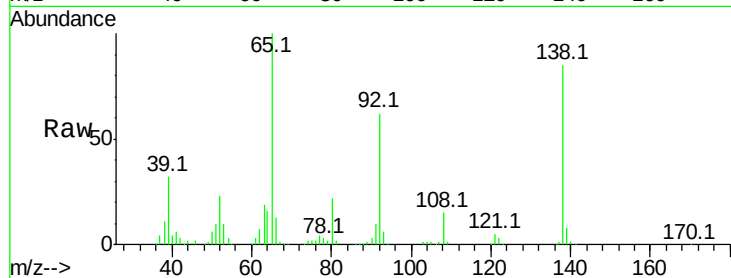
Tot Ion: 65 Resp: 318527

Ion Ratio Lower Upper

65 100

92 62.2 53.9 80.9

138 85.3 76.8 115.2



#48

Acenaphthylene

Concen: 40.15 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

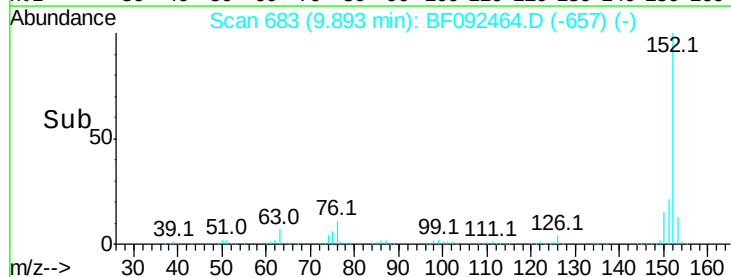
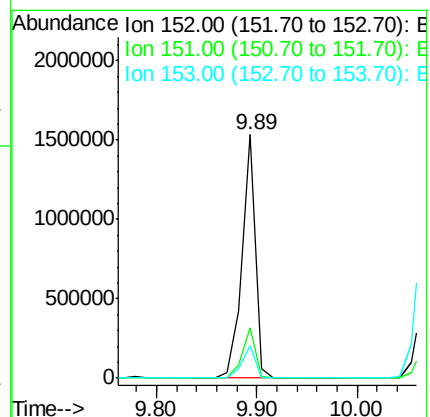
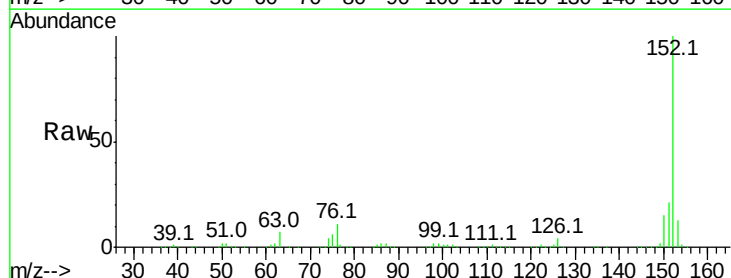
Tgt Ion:152 Resp: 1407204

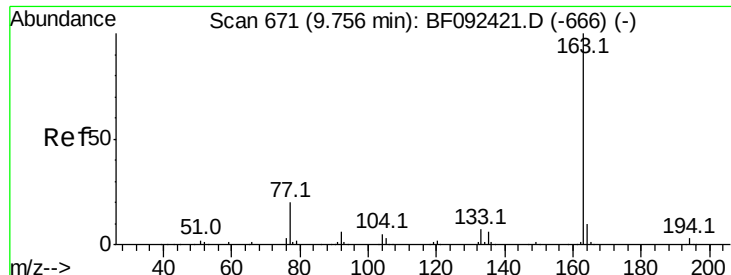
Ion Ratio Lower Upper

152 100

151 20.9 16.9 25.3

153 13.5 11.4 17.2

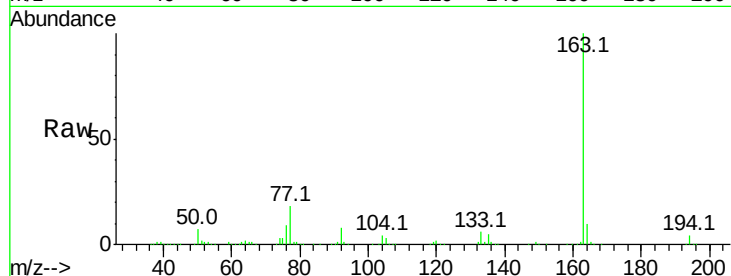




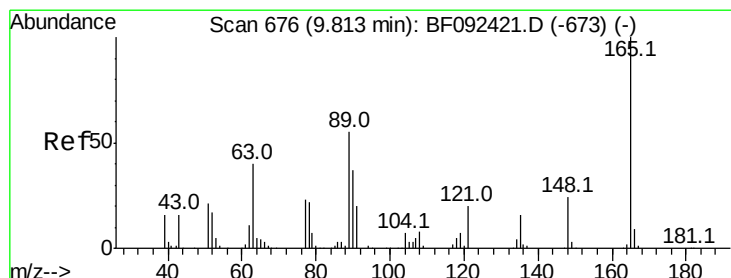
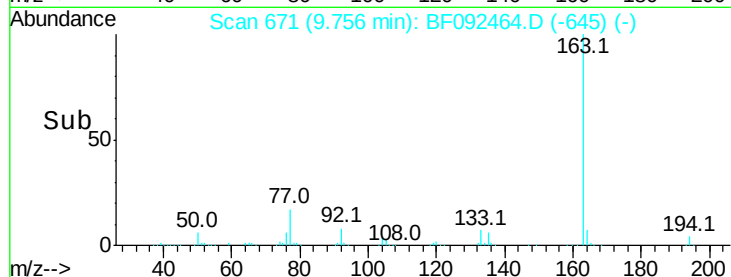
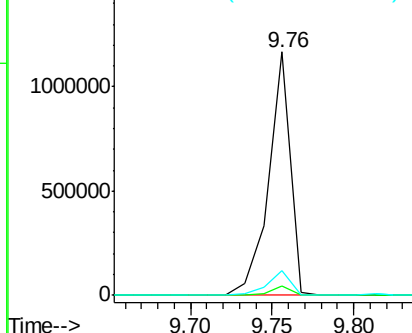
#49
Dimethylphthalate
Concen: 41.97 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF092464.D
Acq: 25 Jan 2017 9:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 1080165
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 10.0 8.0 12.0

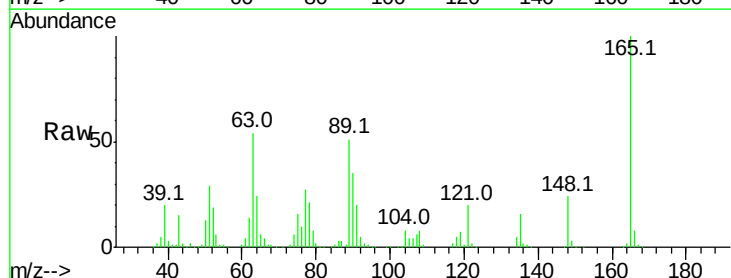


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

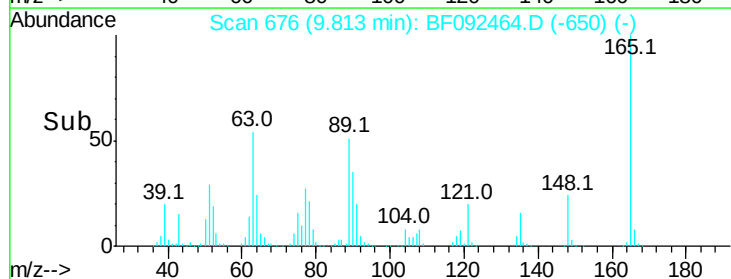
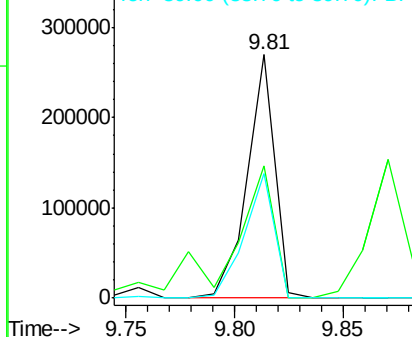


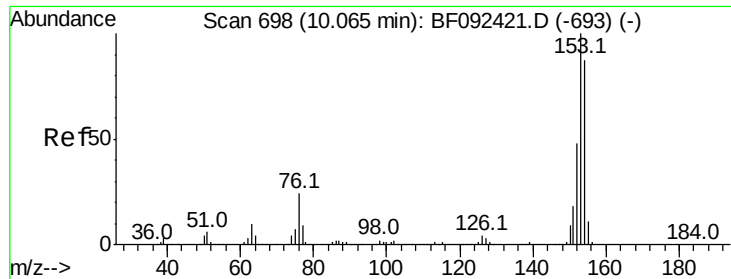
#50
2,6-Dinitrotoluene
Concen: 44.99 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.00 min
Lab File: BF092464.D
Acq: 25 Jan 2017 9:29

Tgt Ion:165 Resp: 236719
Ion Ratio Lower Upper
165 100
63 54.2 36.2 54.4
89 51.1 40.2 60.4



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





#51

Acenaphthene

Concen: 38.12 ng

RT: 10.06 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

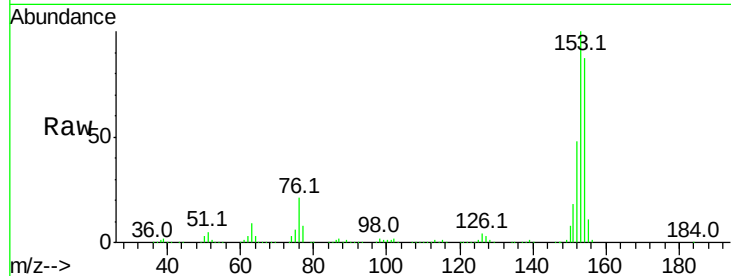
Tot Ion:154 Resp: 830238

Ion Ratio Lower Upper

154 100

153 114.9 88.6 133.0

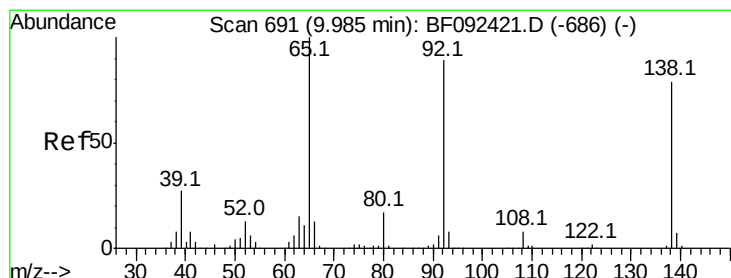
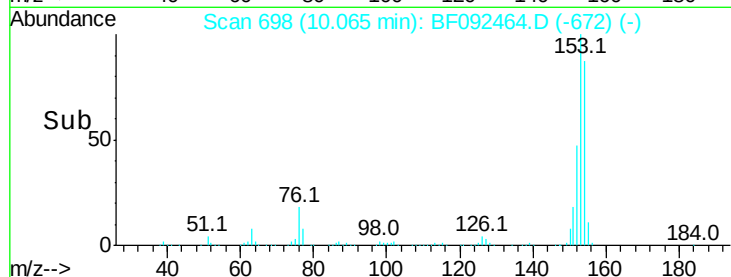
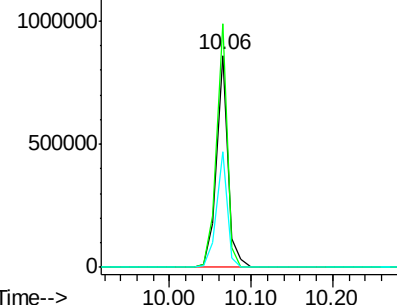
152 54.8 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 47.84 ng

RT: 9.98 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

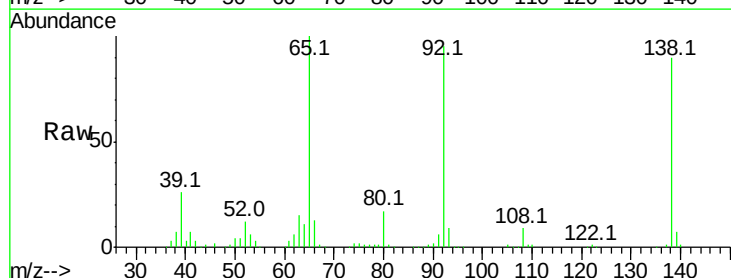
Tgt Ion:138 Resp: 315215

Ion Ratio Lower Upper

138 100

108 10.3 8.5 12.7

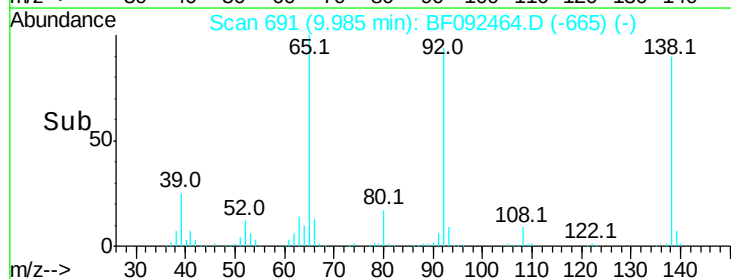
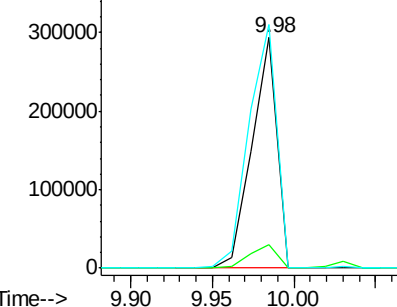
92 105.6 97.8 146.8

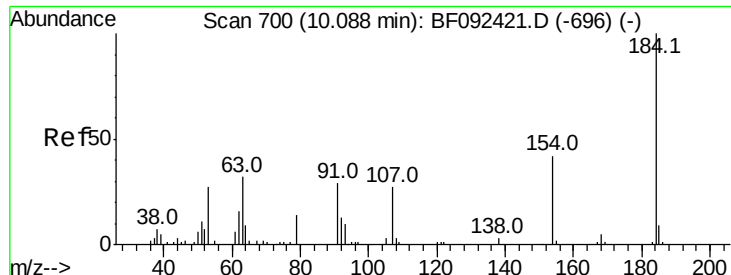


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

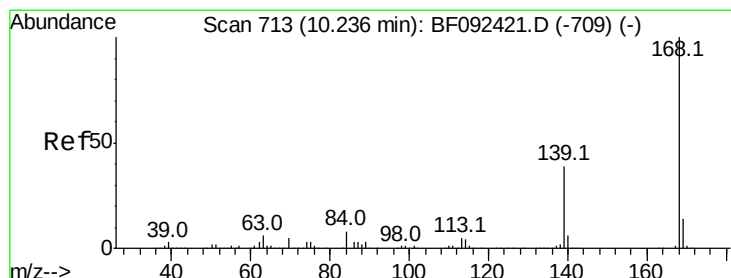
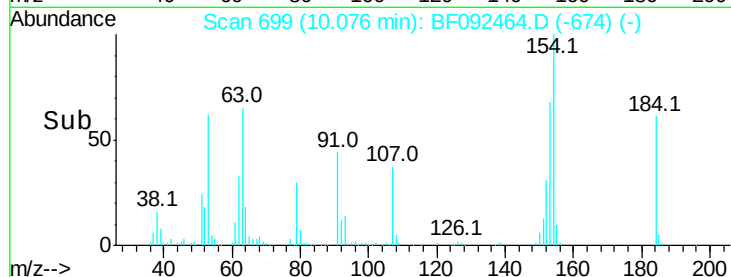
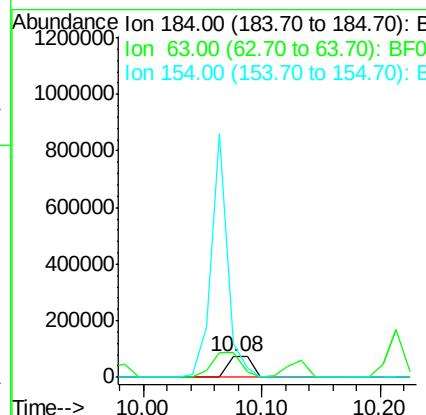
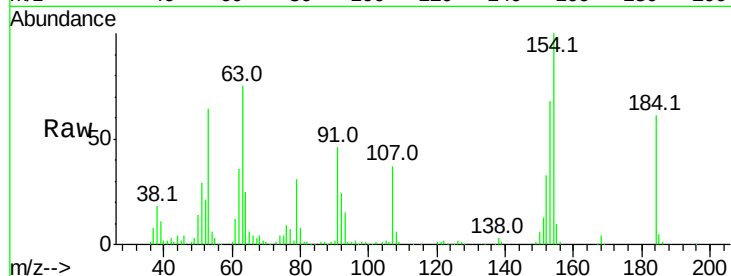




#53
 2,4-Dinitrophenol
 Concen: 42.31 ng
 RT: 10.08 min Scan# 699
 Delta R.T. -0.01 min
 Lab File: BF092464.D
 Acq: 25 Jan 2017 9:29

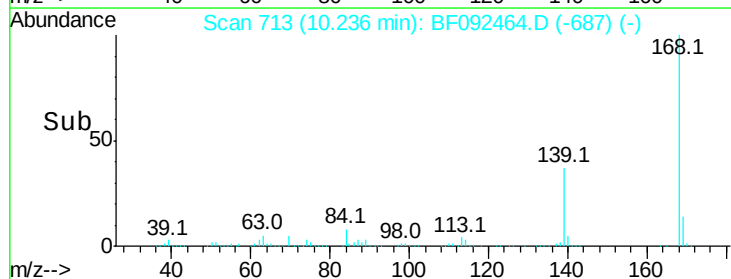
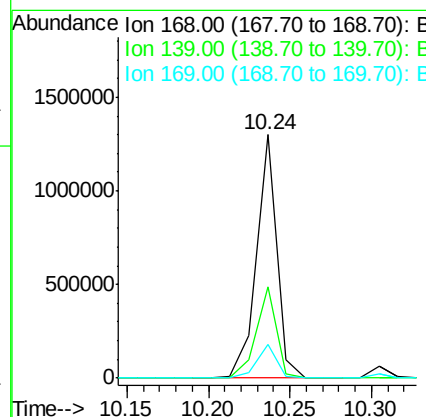
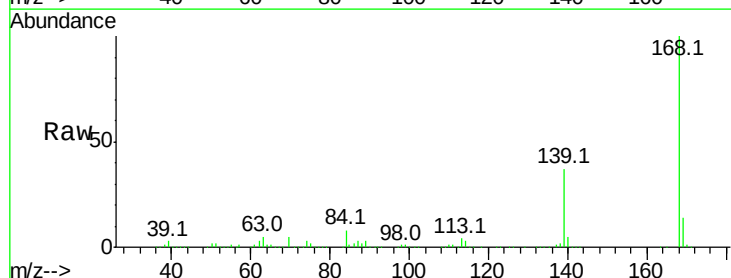
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

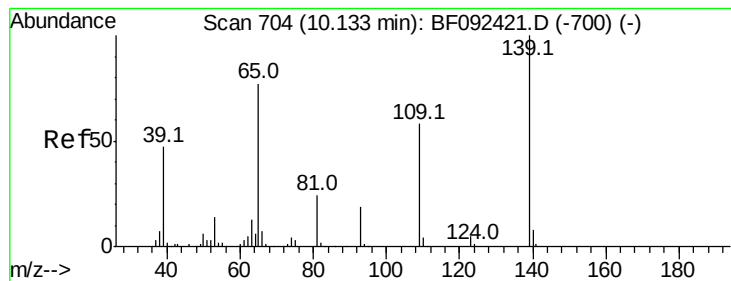
Tot Ion:184 Resp: 102446
 Ion Ratio Lower Upper
 184 100
 63 121.7 28.4 42.6#
 154 163.1 44.3 66.5#



#54
 Dibenzofuran
 Concen: 38.11 ng
 RT: 10.24 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: BF092464.D
 Acq: 25 Jan 2017 9:29

Tgt Ion:168 Resp: 1127170
 Ion Ratio Lower Upper
 168 100
 139 37.3 32.6 49.0
 169 13.6 11.3 16.9





#55

4-Nitrophenol

Concen: 46.27 ng

RT: 10.13 min Scan# 704

Delta R.T. -0.00 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

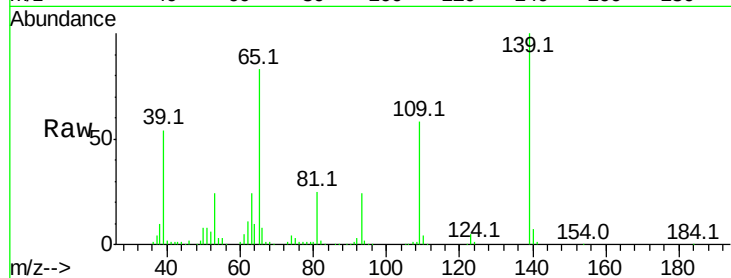
Tot Ion:139 Resp: 242092

Ion Ratio Lower Upper

139 100

109 57.7 52.2 92.2

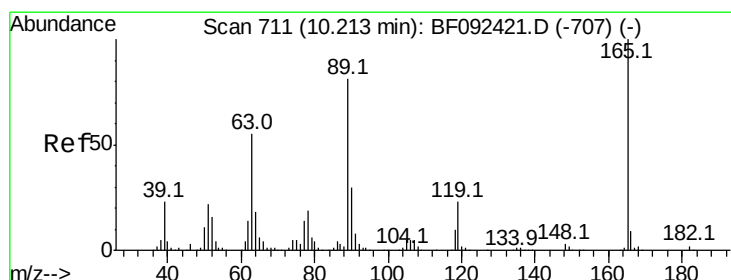
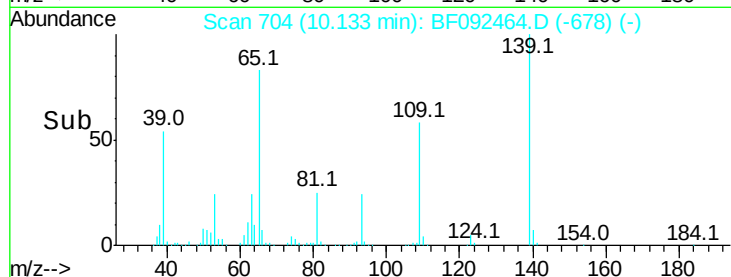
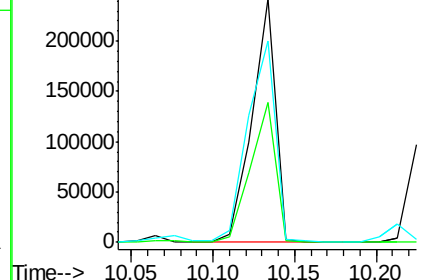
65 82.7 85.8 125.8#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 40.85 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

Tgt Ion:165 Resp: 285248

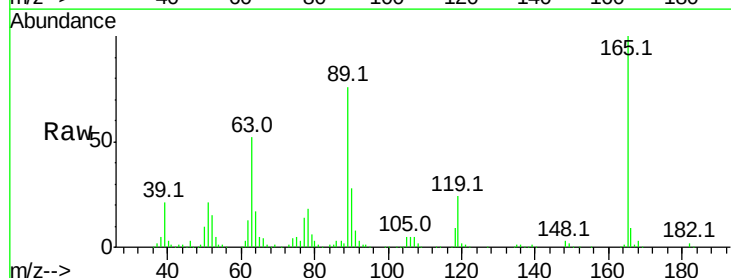
Ion Ratio Lower Upper

165 100

63 51.8 40.2 60.4

89 76.1 62.5 93.7

182 2.1 1.8 2.8

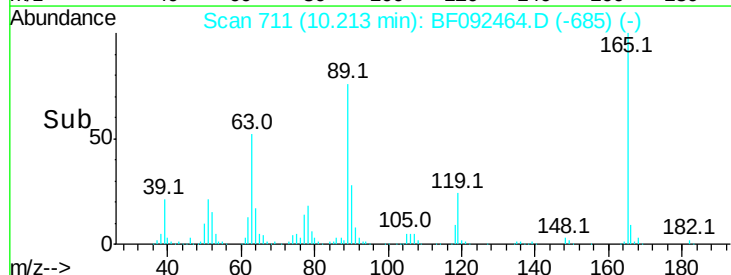
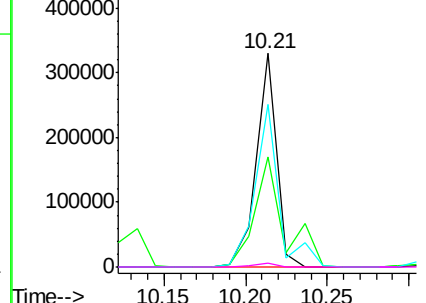


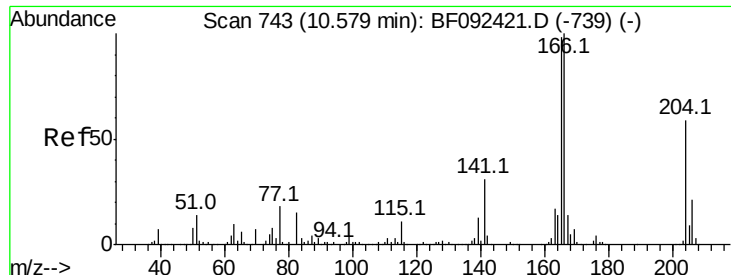
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

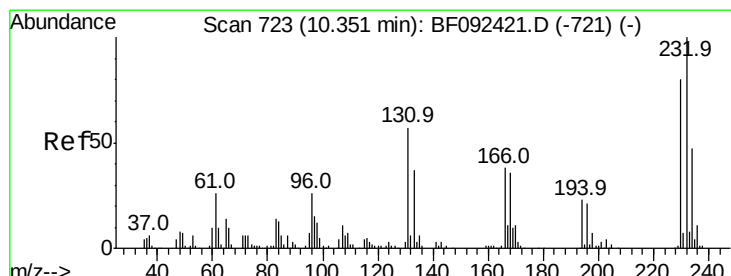
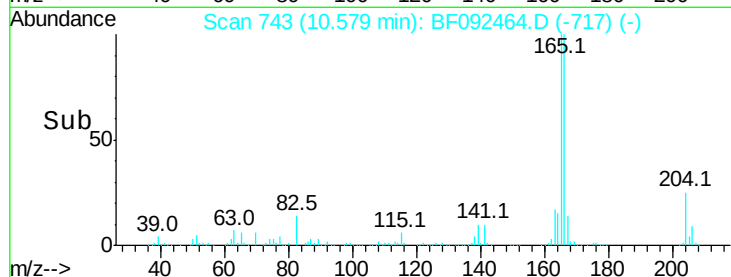
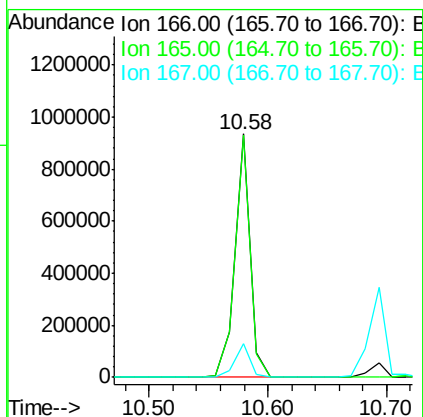
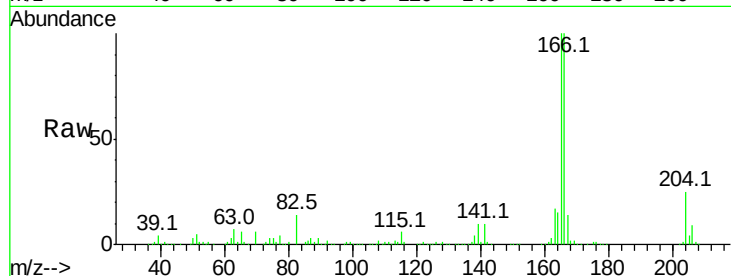




#57
Fluorene
 Concen: 38.07 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF092464.D
 Acq: 25 Jan 2017 9:29

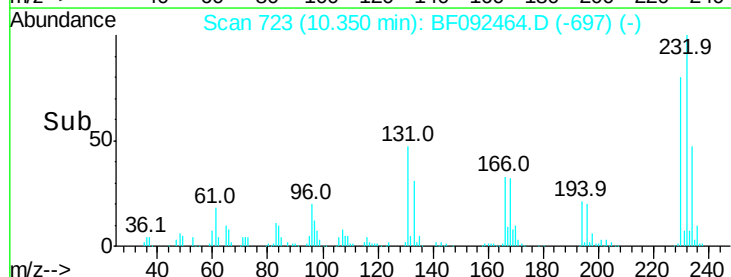
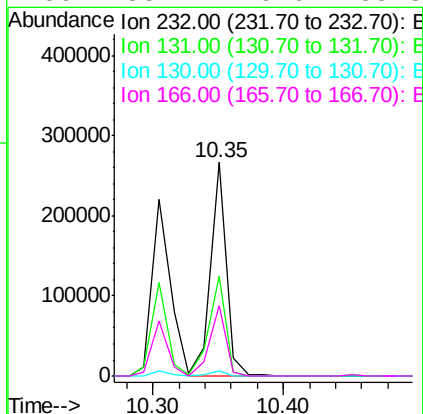
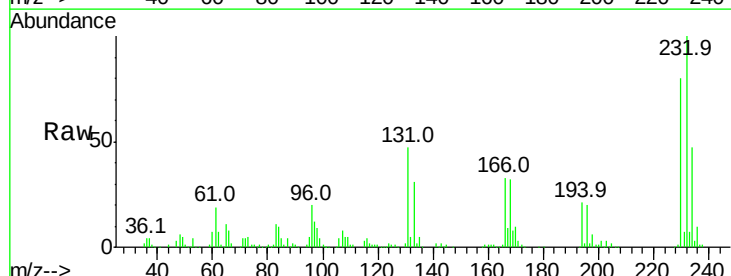
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

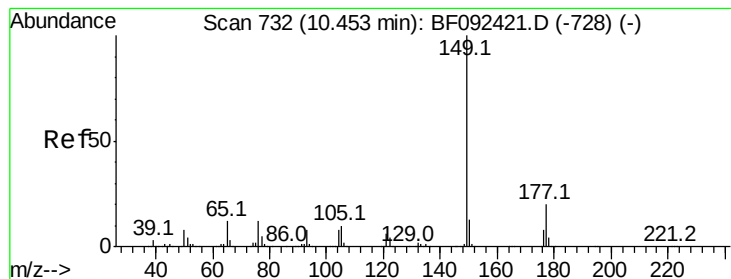
Tot Ion:166 Resp: 834874
 Ion Ratio Lower Upper
 166 100
 165 99.6 77.8 116.8
 167 13.6 10.8 16.2



#58
2,3,4,6-Tetrachlorophenol
 Concen: 41.98 ng
 RT: 10.35 min Scan# 723
 Delta R.T. -0.00 min
 Lab File: BF092464.D
 Acq: 25 Jan 2017 9:29

Tgt Ion:232 Resp: 225104
 Ion Ratio Lower Upper
 232 100
 131 49.6 40.1 60.1
 130 2.4 1.8 2.8
 166 33.4 26.6 39.8





#59

Diethylphthalate

Concen: 38.40 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

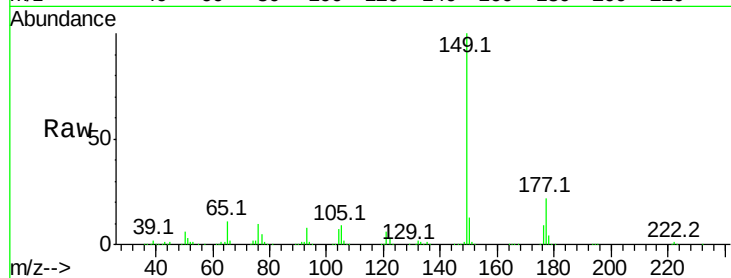
Tot Ion:149 Resp: 947707

Ion Ratio Lower Upper

149 100

177 22.2 16.6 25.0

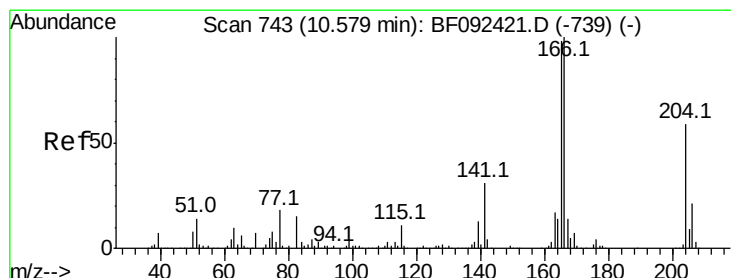
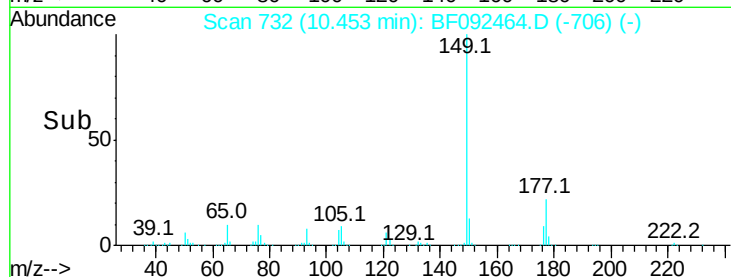
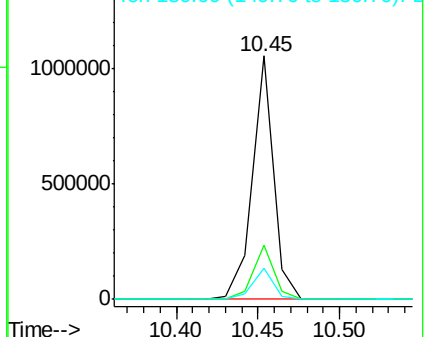
150 13.0 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 37.36 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

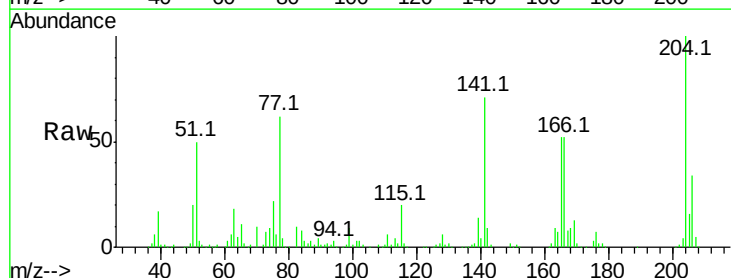
Tgt Ion:204 Resp: 397378

Ion Ratio Lower Upper

204 100

206 33.5 25.8 38.6

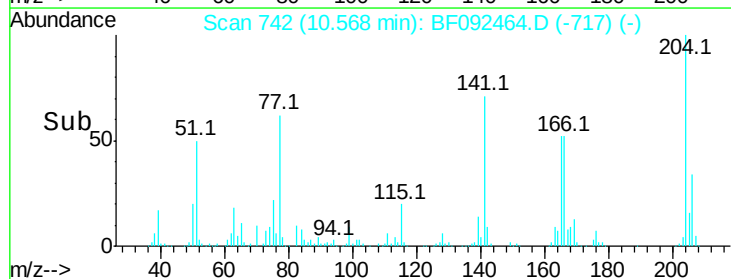
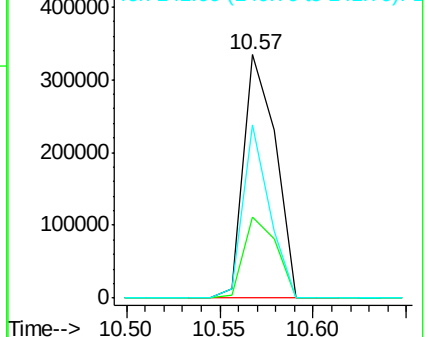
141 71.4 59.4 89.0

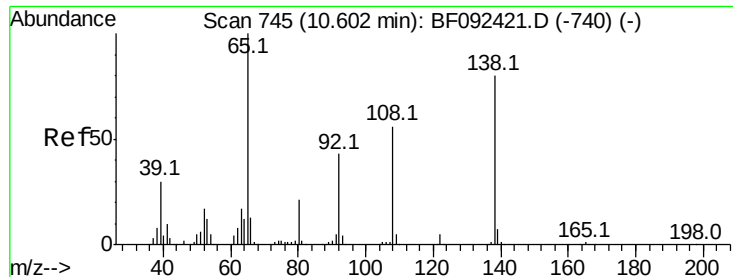


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

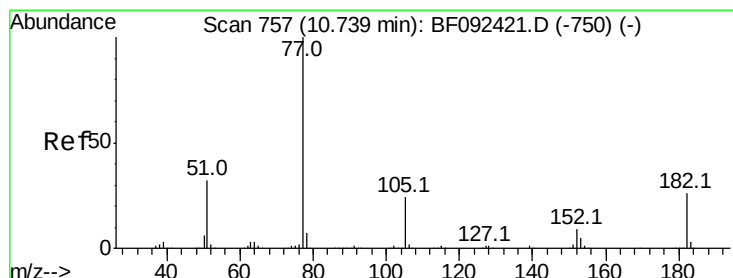
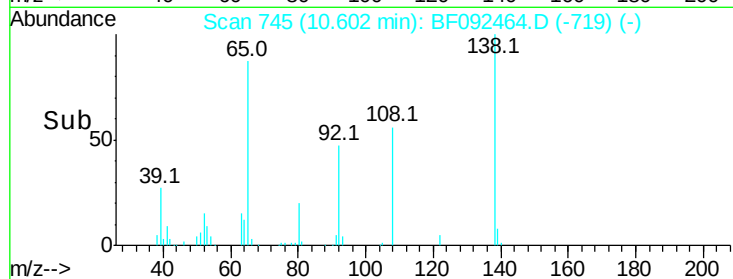
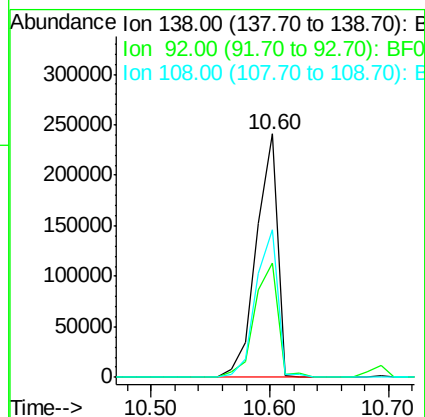
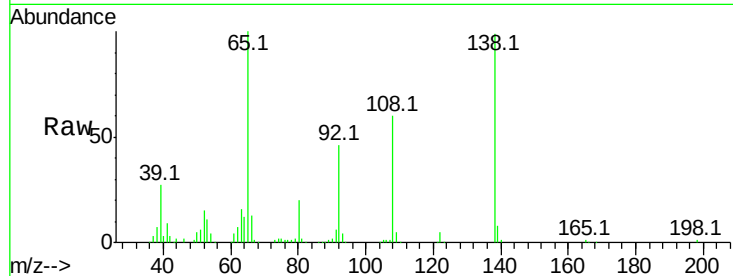




#61
4-Nitroaniline
Concen: 45.90 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.00 min
Lab File: BF092464.D
Acq: 25 Jan 2017 9:29

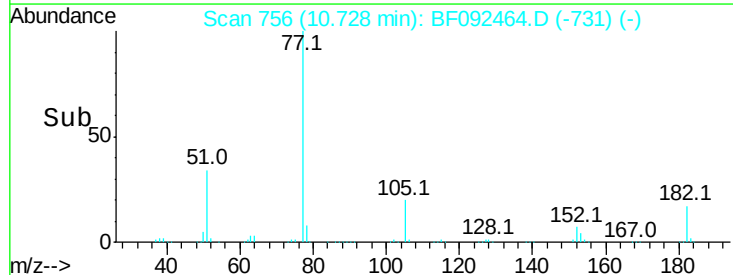
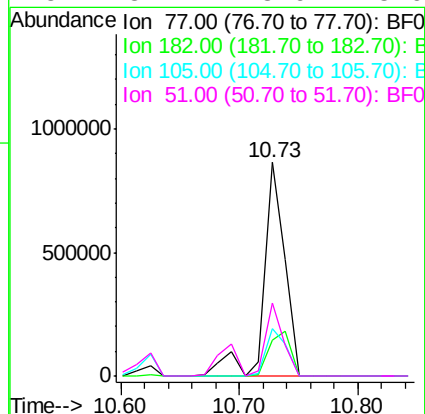
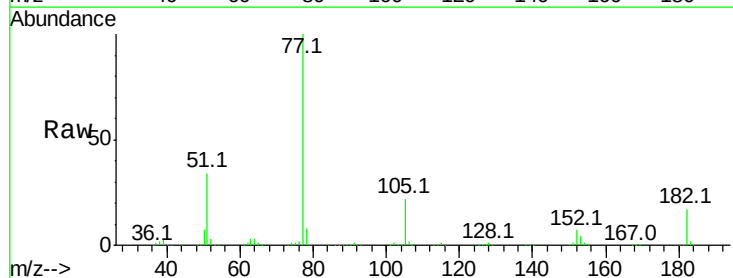
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

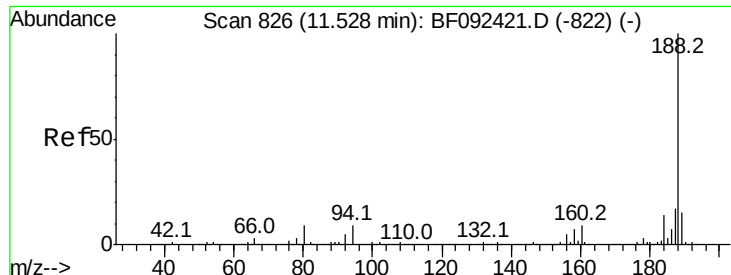
Tot Ion:138 Resp: 302504
Ion Ratio Lower Upper
138 100
92 47.1 31.7 71.7
108 60.7 52.6 92.6



#62
Azobenzene
Concen: 37.93 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF092464.D
Acq: 25 Jan 2017 9:29

Tgt Ion: 77 Resp: 1065308
Ion Ratio Lower Upper
77 100
182 17.0 0.0 39.3
105 22.1 2.3 42.3
51 34.2 8.9 48.9

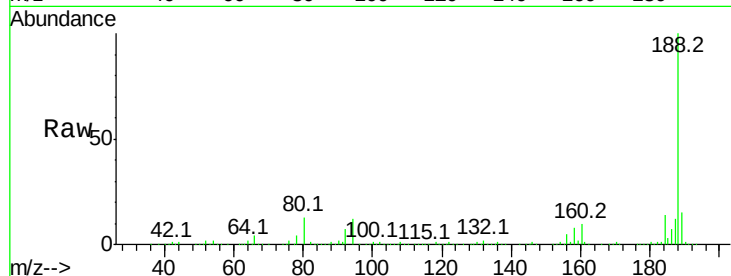




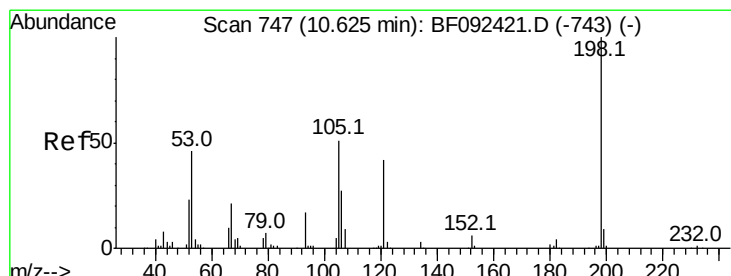
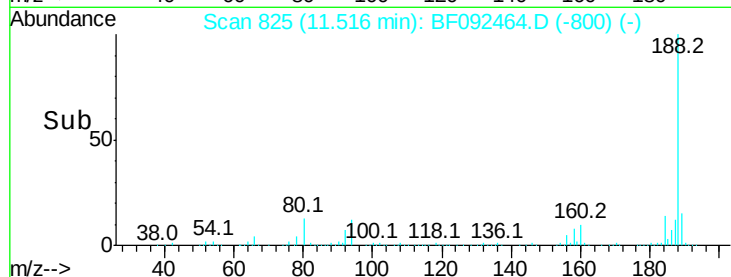
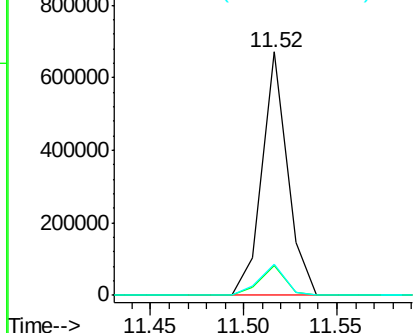
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092464.D
Acq: 25 Jan 2017 9:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:188 Resp: 634982
Ion Ratio Lower Upper
188 100
94 12.2 10.0 15.0
80 12.8 11.2 16.8

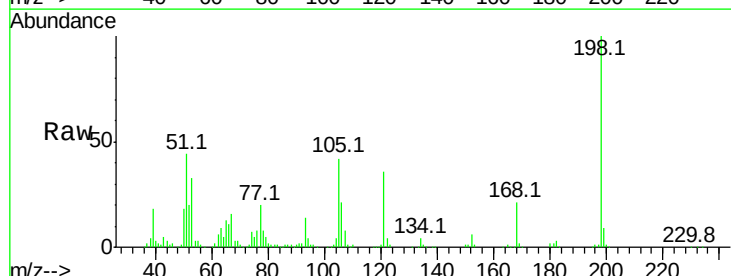


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

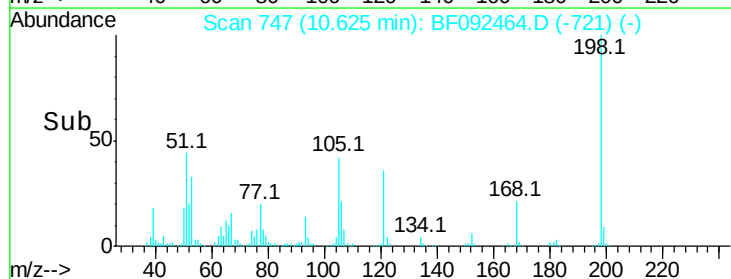
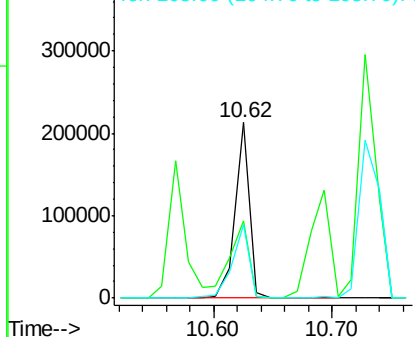


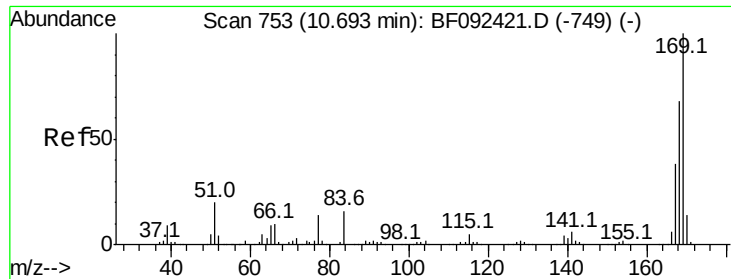
#64
4,6-Dinitro-2-methylphenol
Concen: 51.73 ng
RT: 10.62 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF092464.D
Acq: 25 Jan 2017 9:29

Tgt Ion:198 Resp: 178468
Ion Ratio Lower Upper
198 100
51 43.6 6.7 46.7
105 41.9 16.6 56.6



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

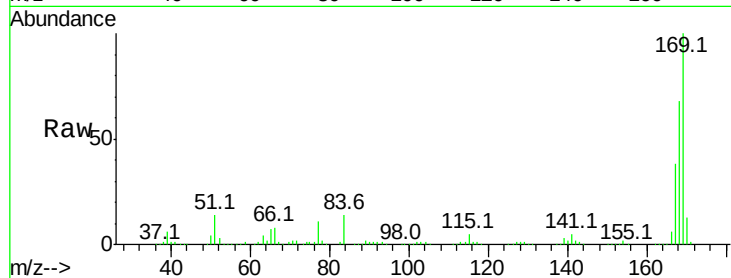




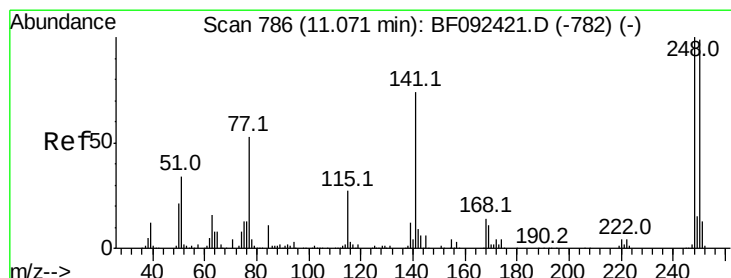
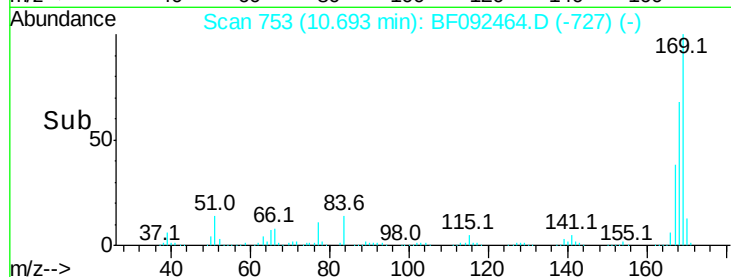
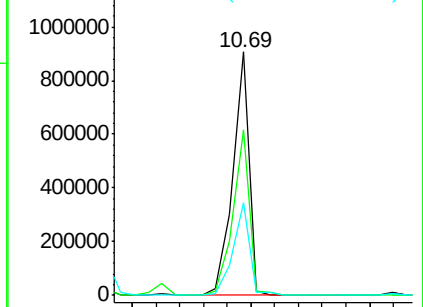
#65
 n-Nitrosodiphenylamine
 Concen: 43.30 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.00 min
 Lab File: BF092464.D
 Acq: 25 Jan 2017 9:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:169 Resp: 858690
 Ion Ratio Lower Upper
 169 100
 168 67.9 54.2 81.2
 167 38.1 30.2 45.4

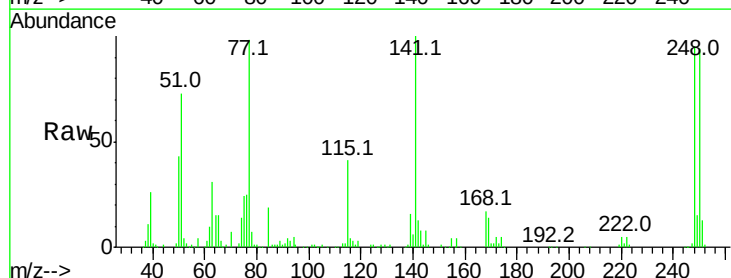


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

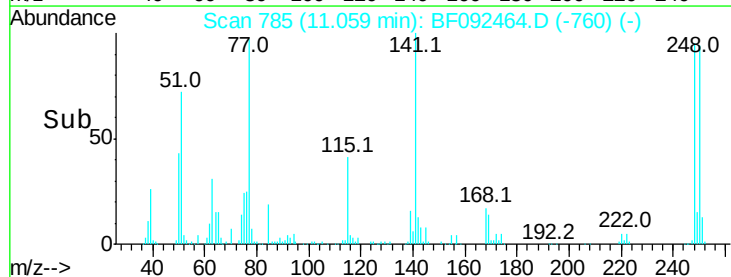
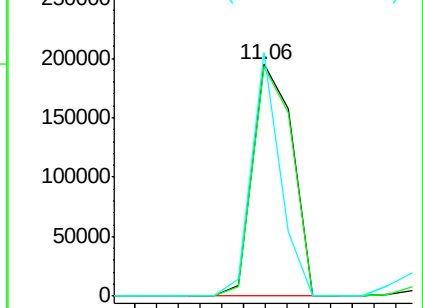


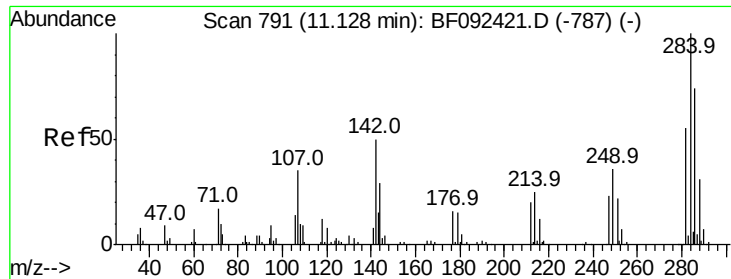
#66
 4-Bromophenyl-phenylether
 Concen: 38.77 ng
 RT: 11.06 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF092464.D
 Acq: 25 Jan 2017 9:29

Tgt Ion:248 Resp: 248581
 Ion Ratio Lower Upper
 248 100
 250 99.1 76.9 115.3
 141 105.2 68.2 102.4#



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

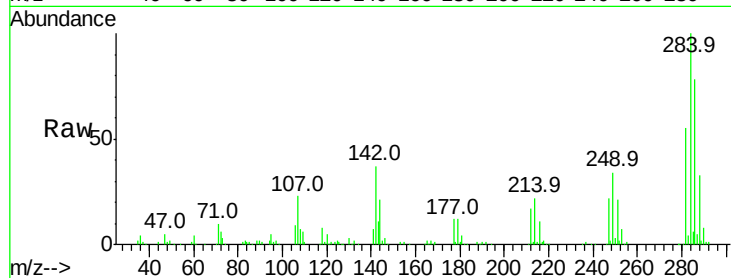




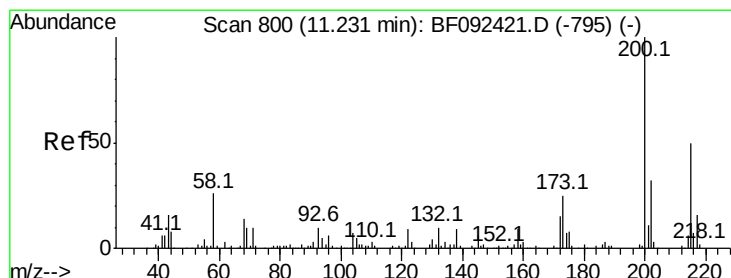
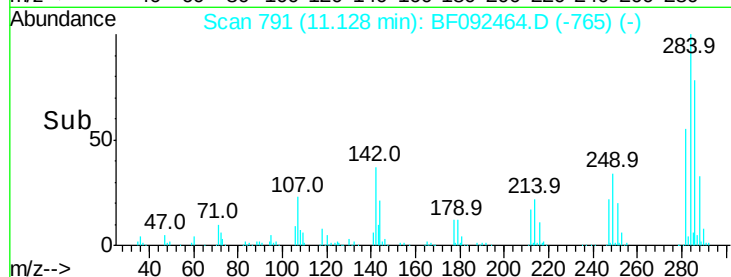
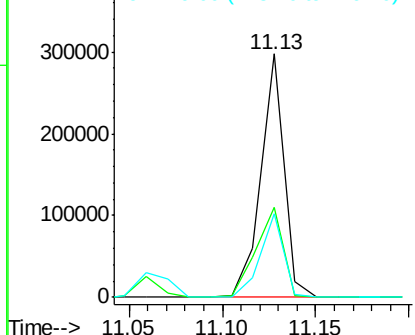
#67
Hexachlorobenzene
Concen: 40.04 ng
RT: 11.13 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF092464.D
Acq: 25 Jan 2017 9:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
284	100		
142	37.0	22.6	33.8#
249	34.2	25.4	38.0

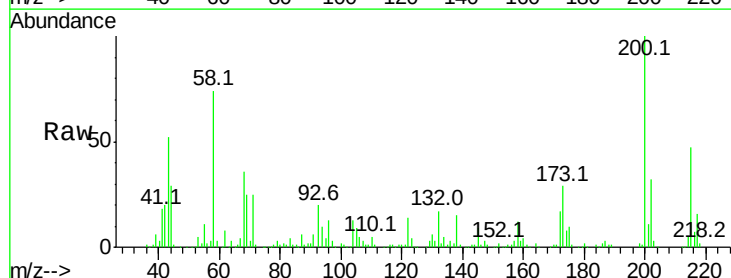


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

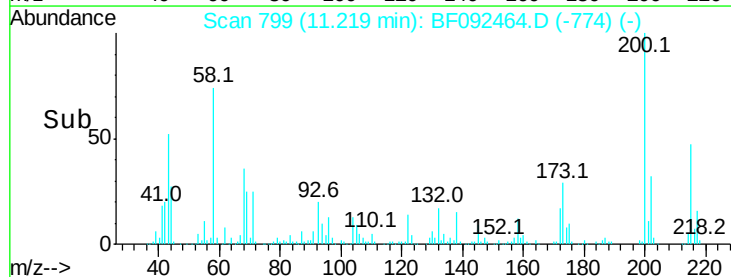
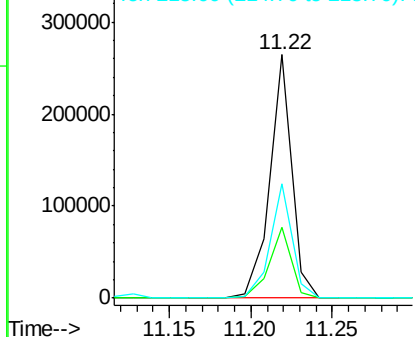


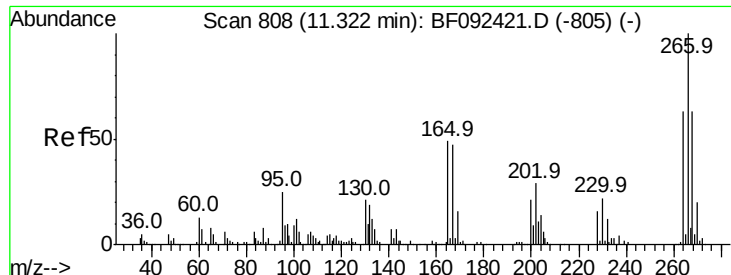
#68
Atrazine
Concen: 36.66 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF092464.D
Acq: 25 Jan 2017 9:29

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.2	9.6	49.6
215	46.8	25.7	65.7



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

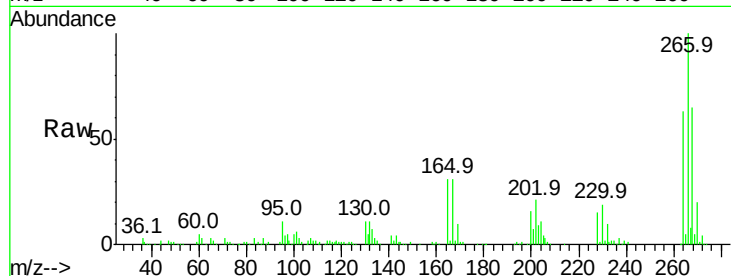




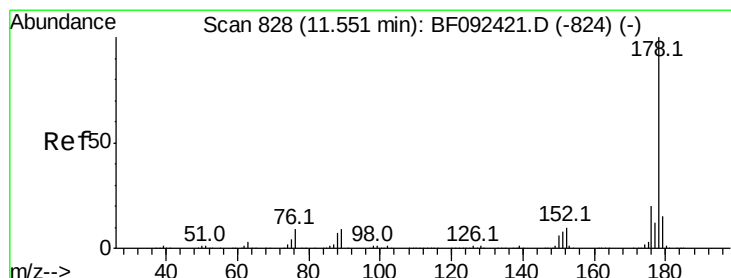
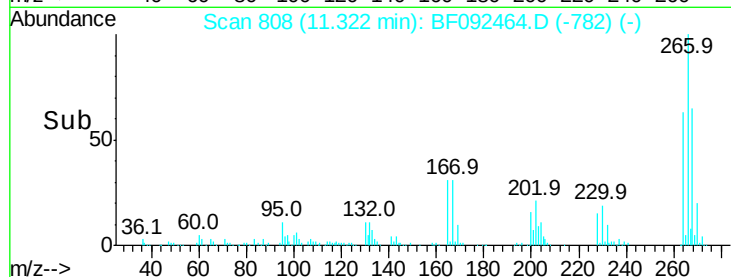
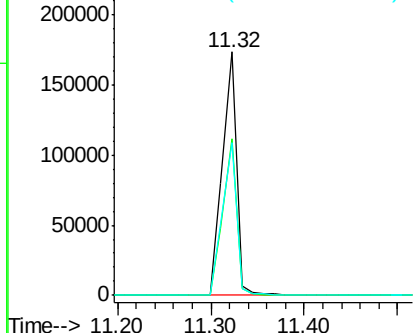
#69
 Pentachlorophenol
 Concen: 44.12 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF092464.D
 Acq: 25 Jan 2017 9:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.5	53.3	79.9
264	62.8	50.3	75.5

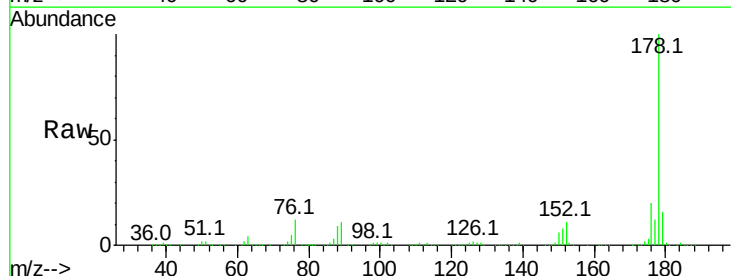


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

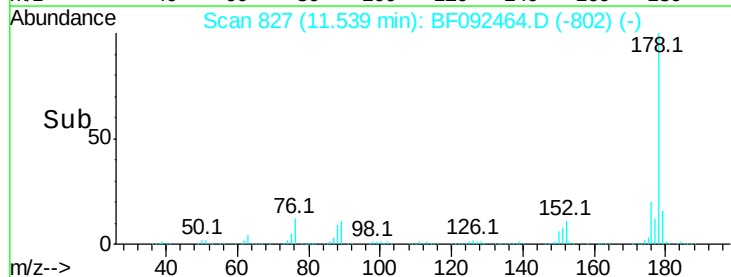
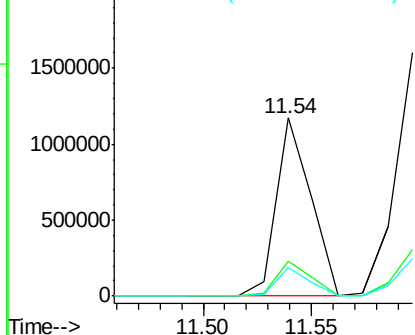


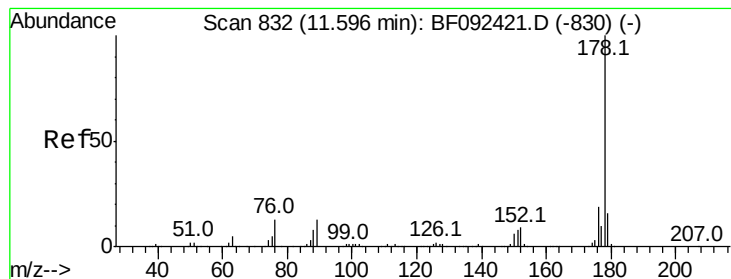
#70
 Phenanthrene
 Concen: 37.15 ng
 RT: 11.54 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF092464.D
 Acq: 25 Jan 2017 9:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.6	25.0
179	16.0	12.8	19.2



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





#71

Anthracene

Concen: 42.59 ng

RT: 11.60 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

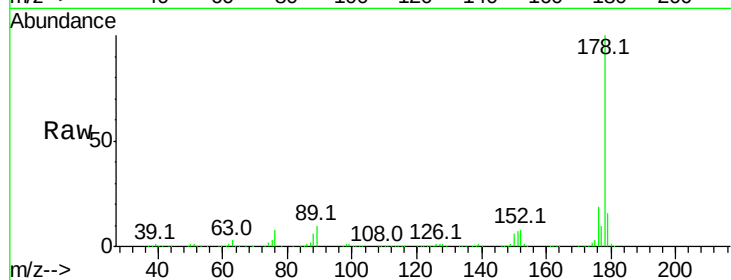
Tot Ion:178 Resp: 145536

Ion Ratio Lower Upper

178 100

176 19.3 15.9 23.9

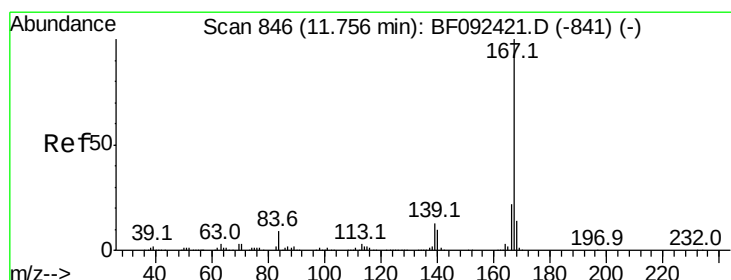
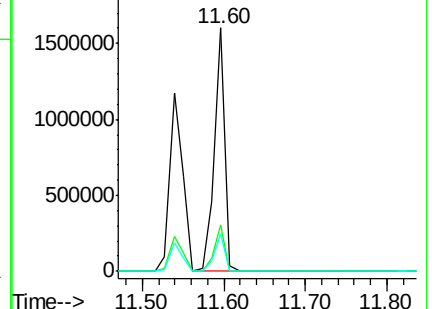
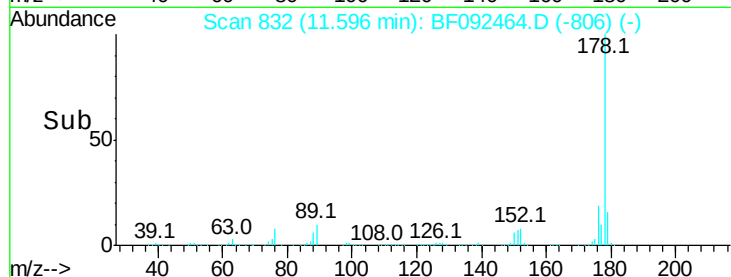
179 15.6 13.2 19.8



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: 35.65 ng

RT: 11.74 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

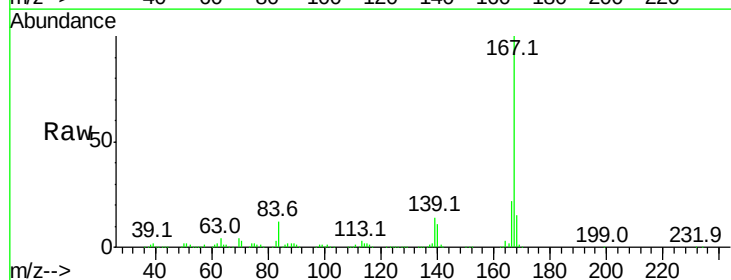
Tgt Ion:167 Resp: 1163142

Ion Ratio Lower Upper

167 100

166 22.3 18.2 27.2

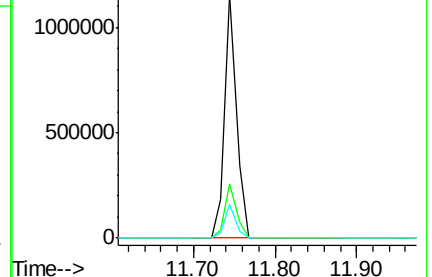
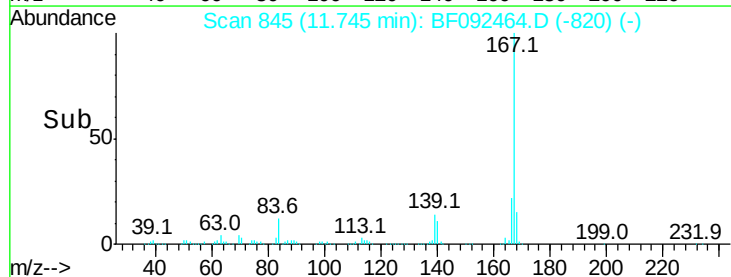
139 14.1 11.4 17.2

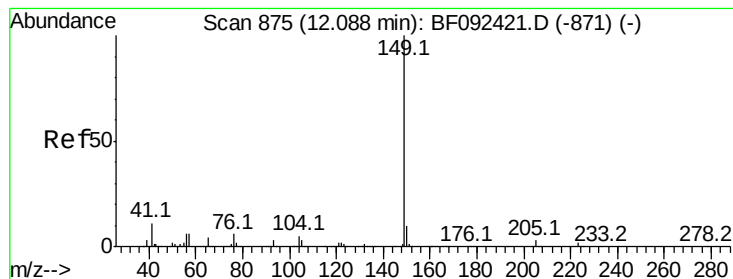


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.81 ng

RT: 12.08 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

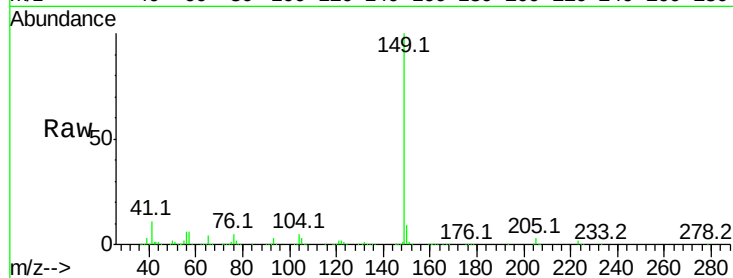
Tot Ion:149 Resp: 1522679

Ion Ratio Lower Upper

149 100

150 9.5 8.1 12.1

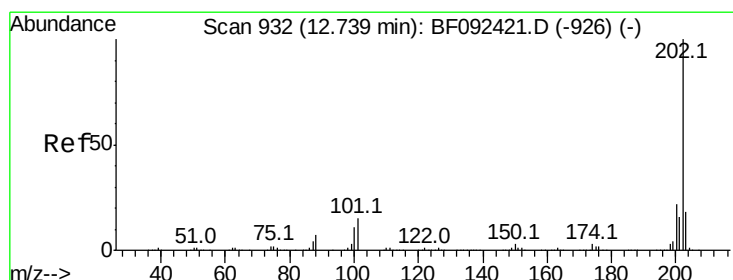
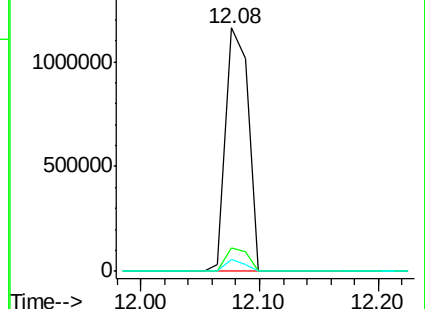
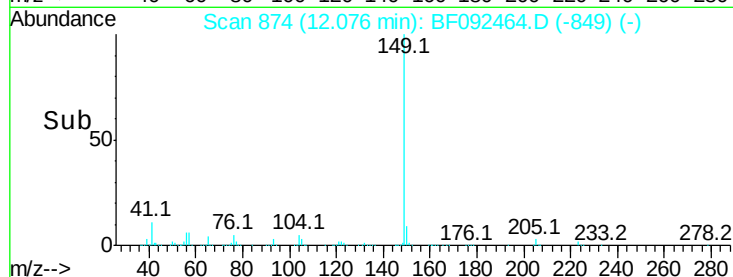
104 5.0 4.6 7.0



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: 38.23 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

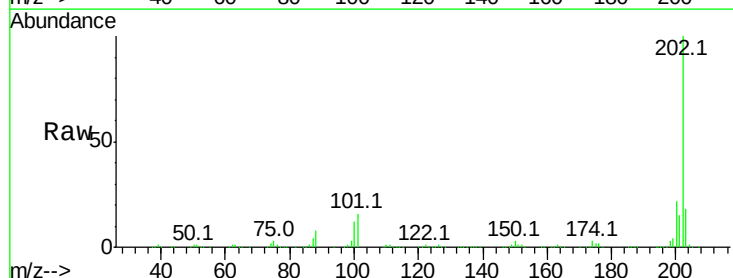
Tgt Ion:202 Resp: 1307628

Ion Ratio Lower Upper

202 100

101 15.5 0.0 34.6

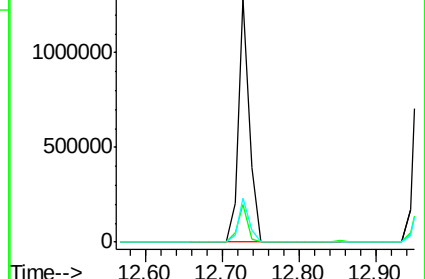
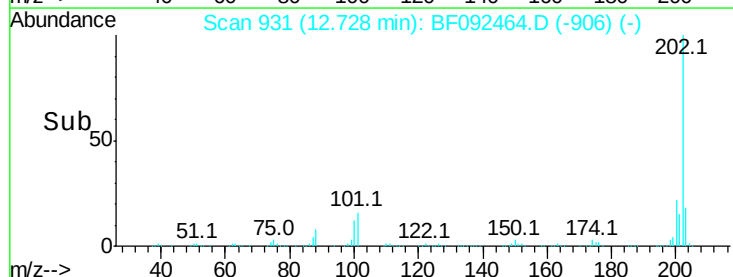
203 17.9 0.0 38.7

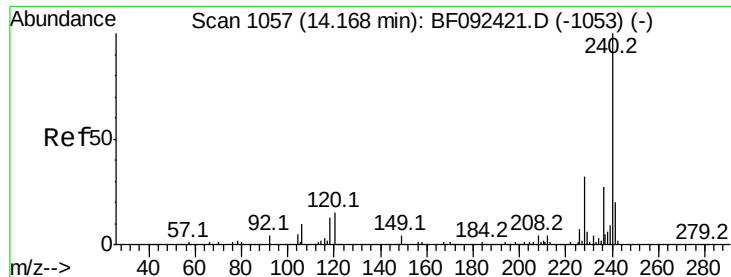


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.16 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

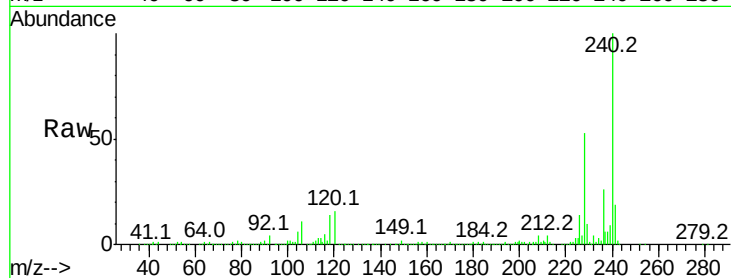
Tot Ion:240 Resp: 530796

Ion Ratio Lower Upper

240 100

120 16.1 12.9 19.3

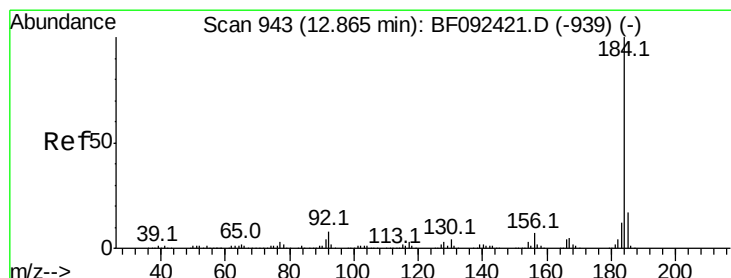
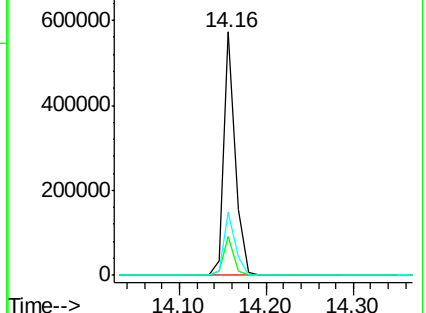
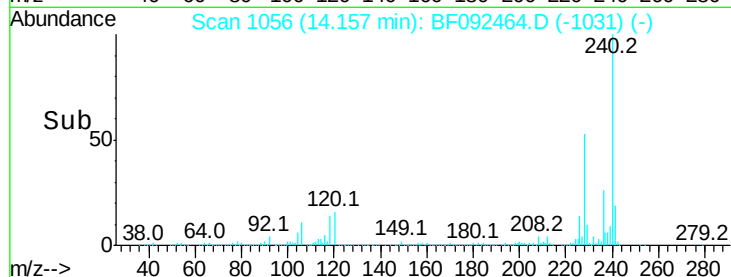
236 25.8 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 43.84 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

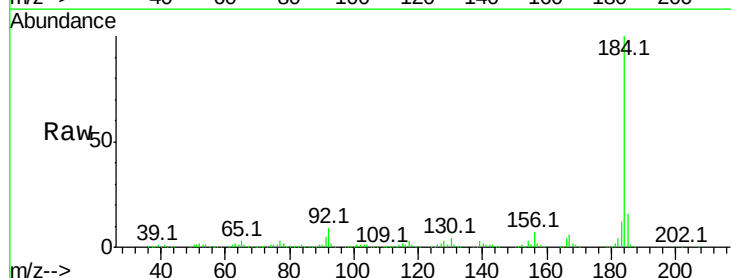
Tgt Ion:184 Resp: 863766

Ion Ratio Lower Upper

184 100

185 16.2 13.4 20.0

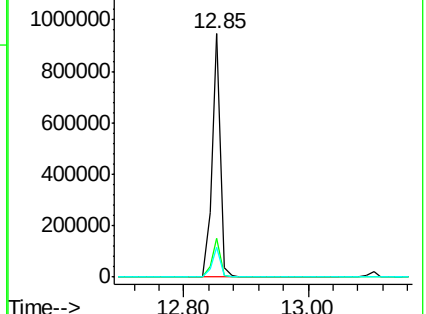
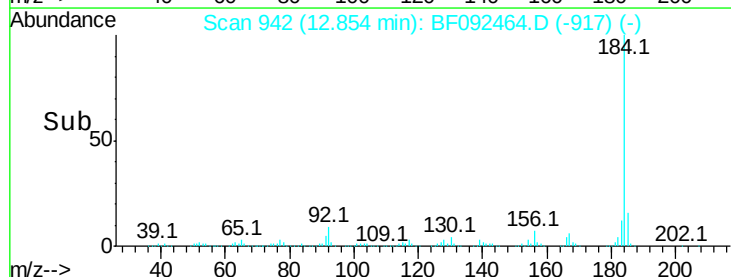
183 12.3 9.2 13.8

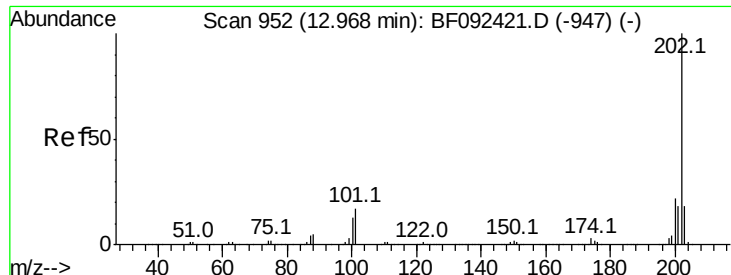


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

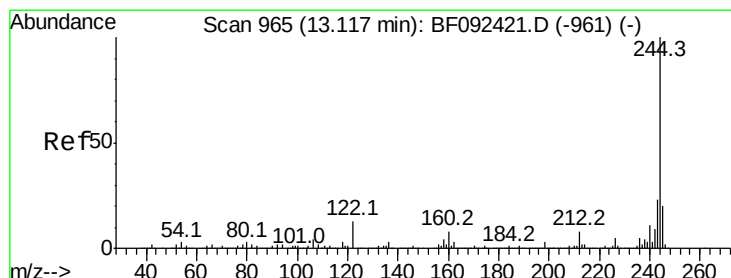
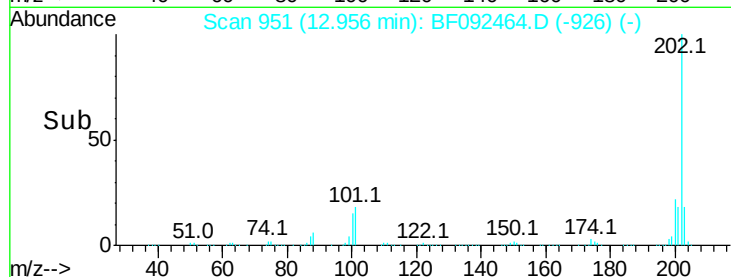
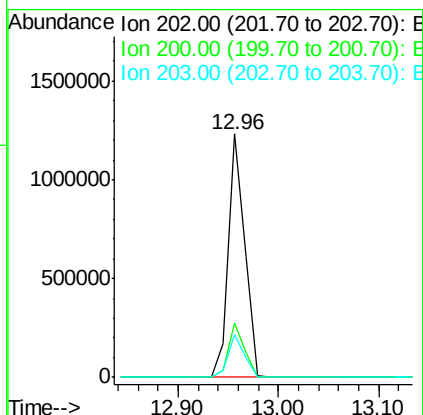
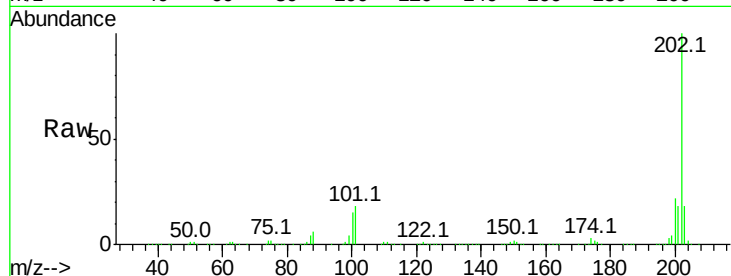




#77
Pvrene
Concen: 36.22 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF092464.D
Acq: 25 Jan 2017 9:29

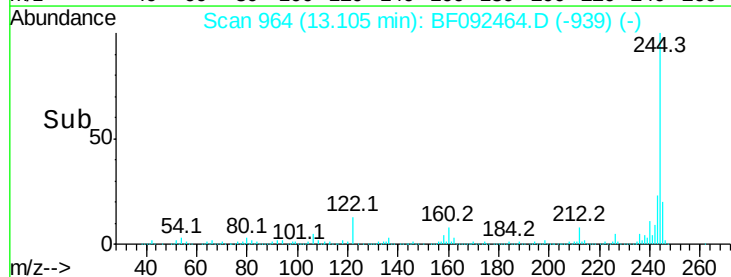
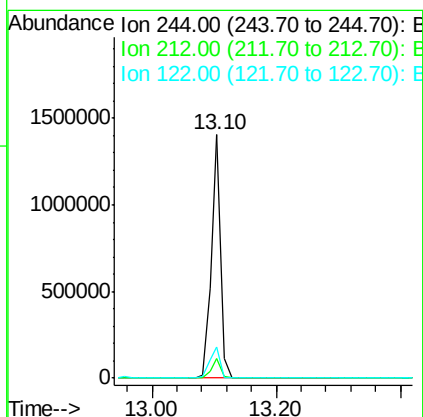
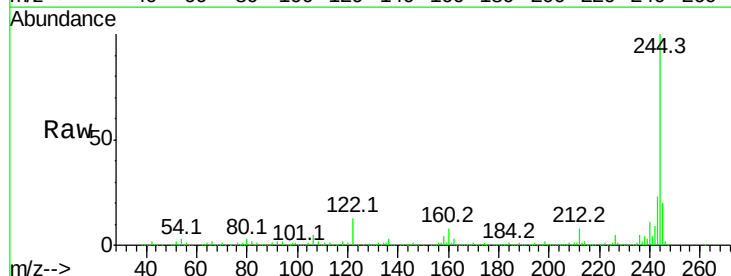
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

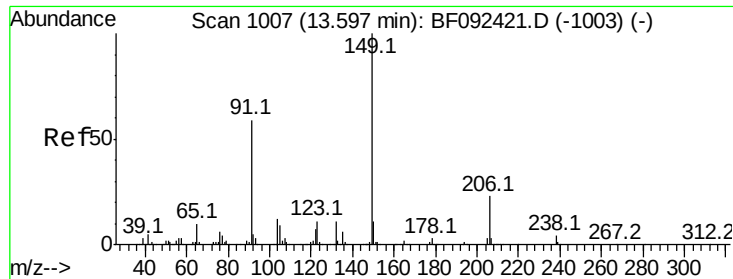
Tot Ion:202 Resp: 1392870
Ion Ratio Lower Upper
202 100
200 22.1 17.7 26.5
203 17.8 14.7 22.1



#78
Terphenyl-d14
Concen: 71.21 ng
RT: 13.10 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF092464.D
Acq: 25 Jan 2017 9:29

Tgt Ion:244 Resp: 1419468
Ion Ratio Lower Upper
244 100
212 7.9 6.2 9.2
122 12.9 11.4 17.2

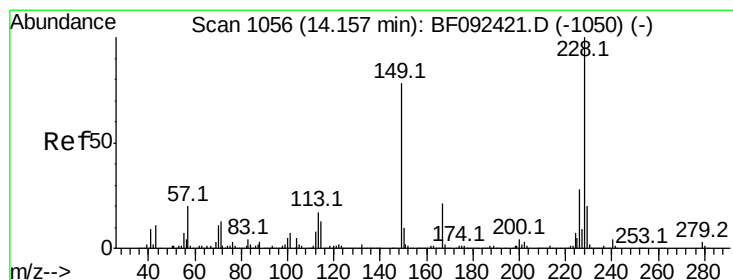
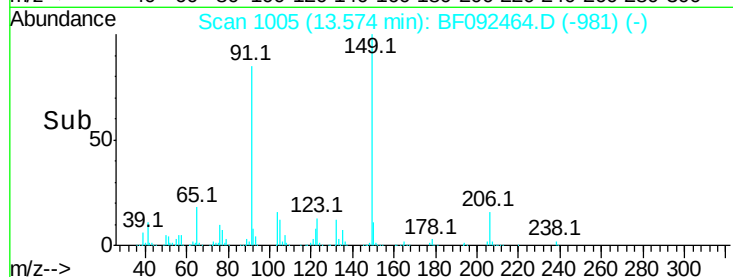
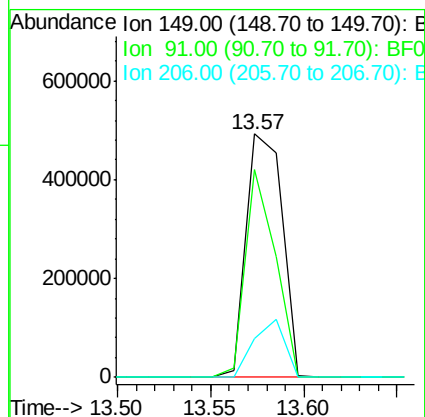
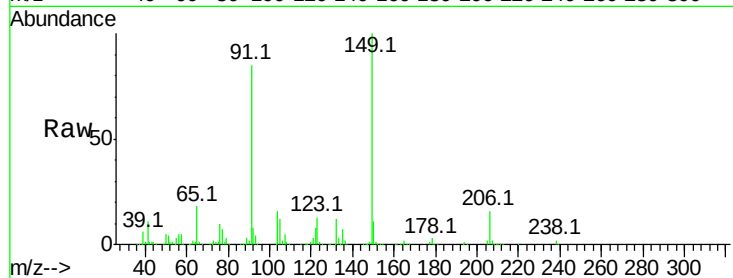




#79
Butylbenzylphthalate
Concen: 42.49 ng
RT: 13.57 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BF092464.D
Acq: 25 Jan 2017 9:29

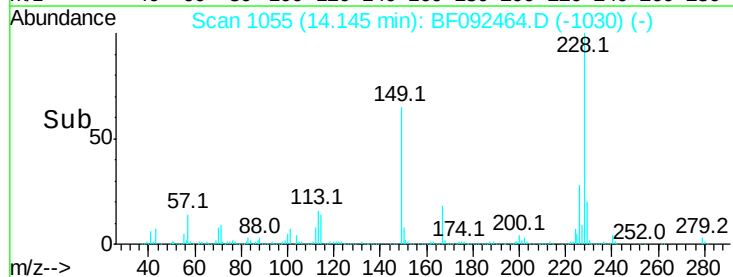
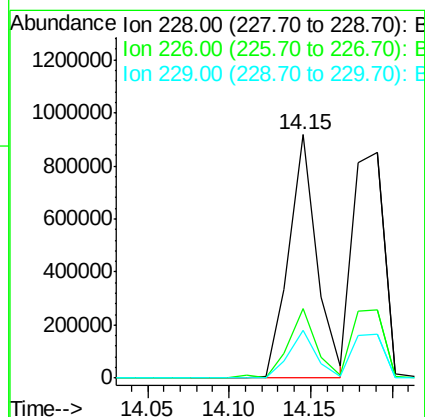
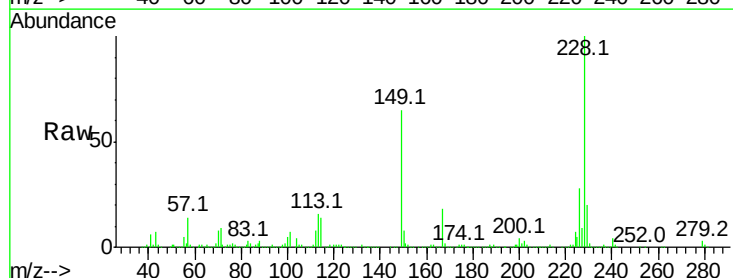
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

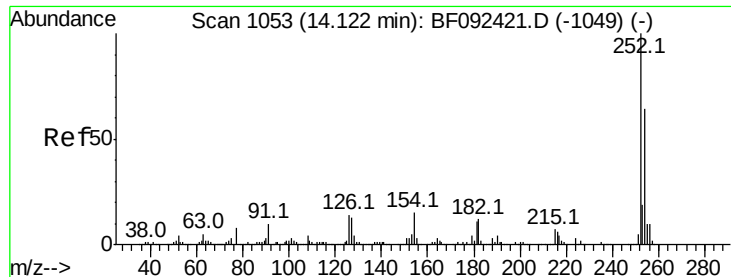
Tot Ion:149 Resp: 662013
Ion Ratio Lower Upper
149 100
91 85.2 63.9 95.9
206 16.1 14.6 21.8



#80
Benzo(a)anthracene
Concen: 38.72 ng
RT: 14.15 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF092464.D
Acq: 25 Jan 2017 9:29

Tgt Ion:228 Resp: 1104544
Ion Ratio Lower Upper
228 100
226 28.4 22.4 33.6
229 19.6 16.2 24.4





#81

3,3'-Dichlorobenzidine

Concen: 41.37 ng

RT: 14.11 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

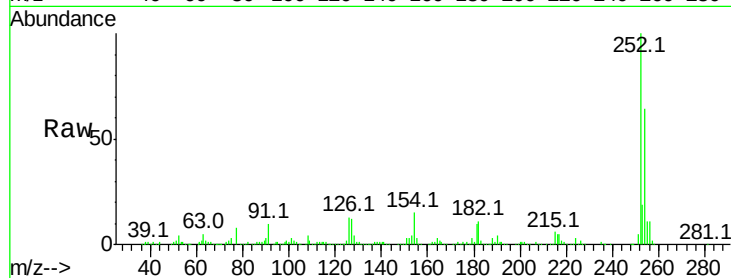
Tot Ion:252 Resp: 448138

Ion Ratio Lower Upper

252 100

254 63.8 52.3 78.5

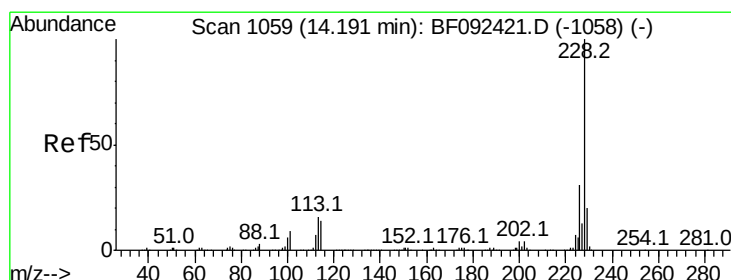
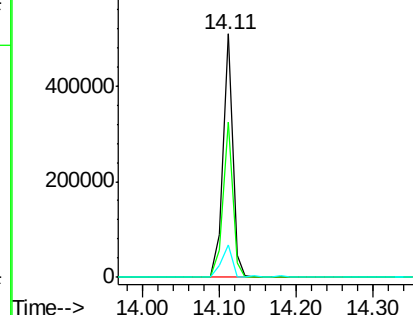
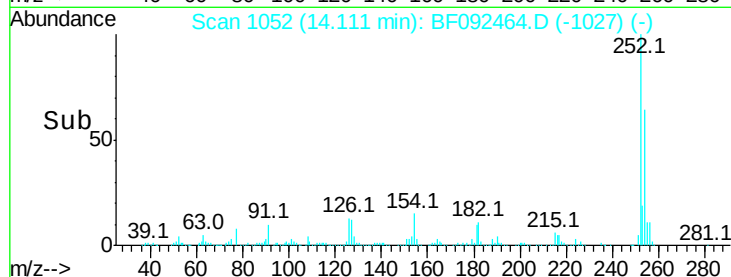
126 13.3 13.6 20.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 38.28 ng

RT: 14.19 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

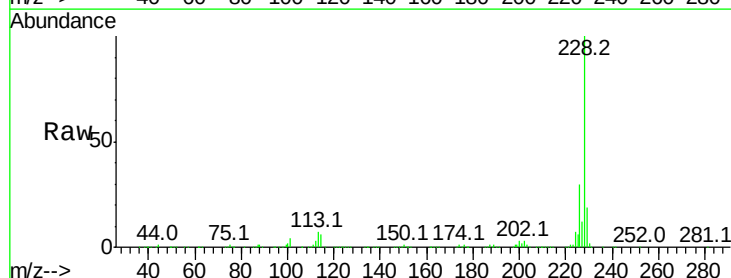
Tgt Ion:228 Resp: 1166341

Ion Ratio Lower Upper

228 100

226 30.4 25.4 38.0

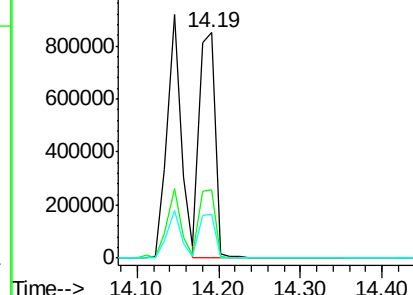
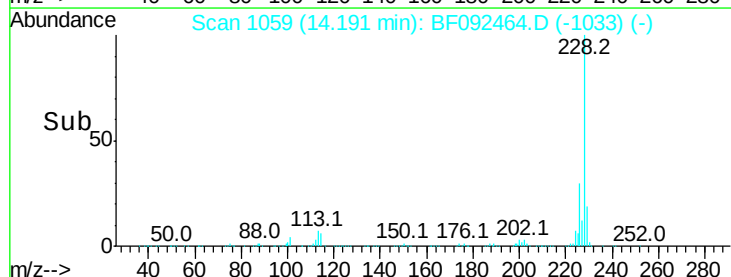
229 19.4 16.2 24.2

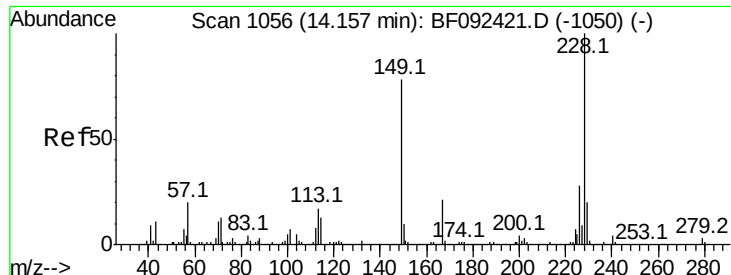


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.85 ng

RT: 14.15 min Scan# 1055

Delta R.T. -0.01 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

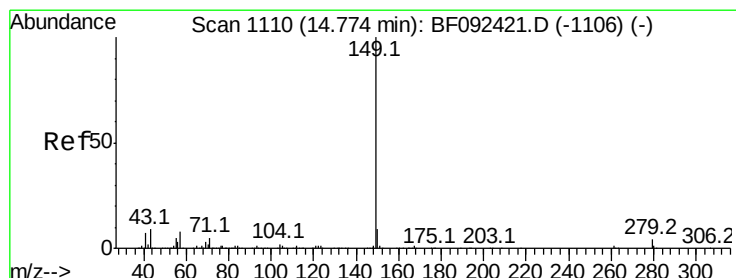
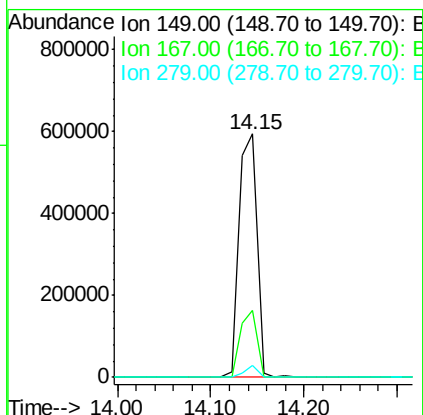
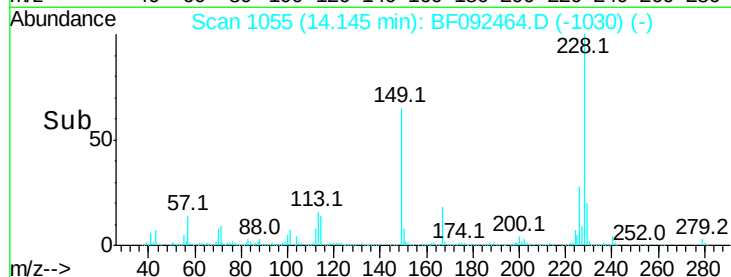
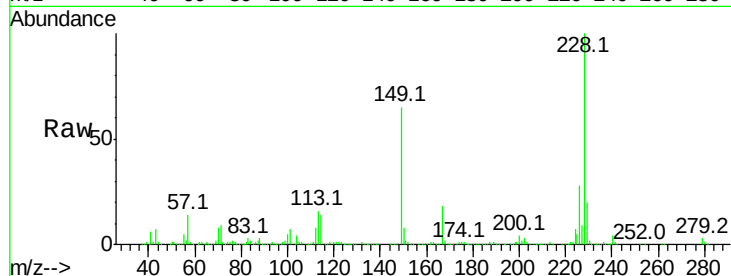
Tot Ion:149 Resp: 801655

Ion Ratio Lower Upper

149 100

167 27.8 20.2 30.4

279 4.7 1.8 2.8#



#84

Di-n-octyl phthalate

Concen: 43.71 ng

RT: 14.75 min Scan# 1108

Delta R.T. -0.02 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

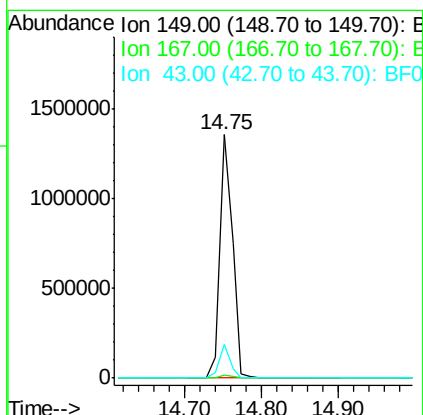
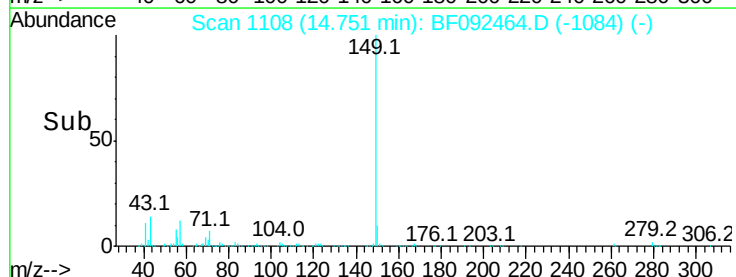
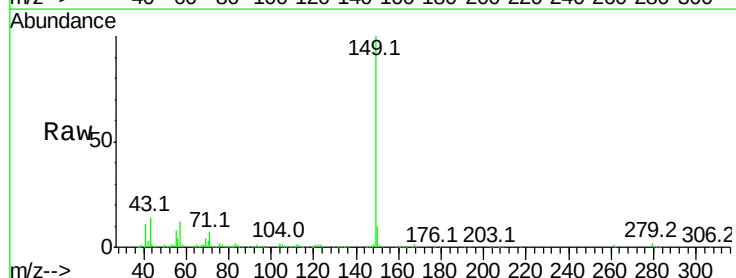
Tgt Ion:149 Resp: 1557208

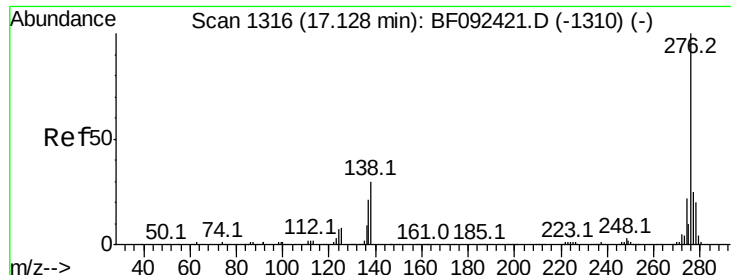
Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 12.0 8.9 13.3

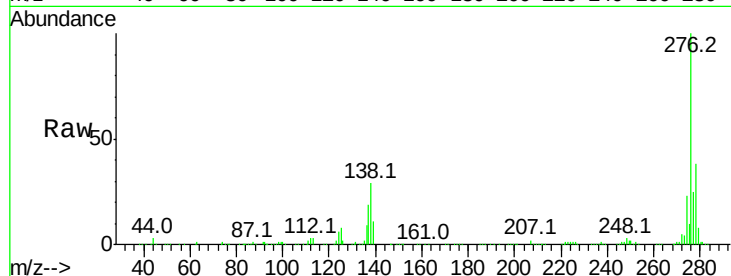




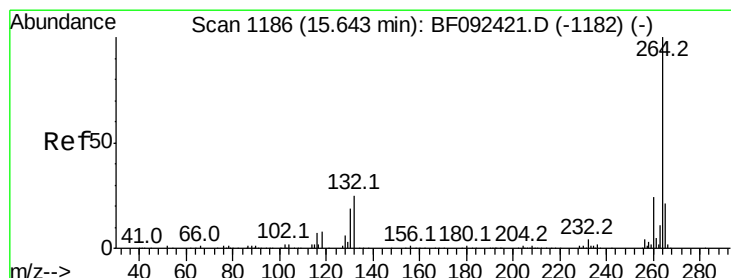
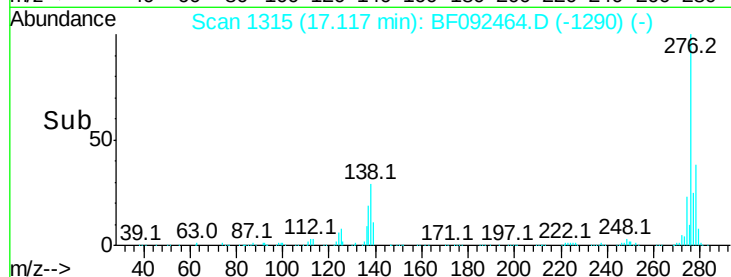
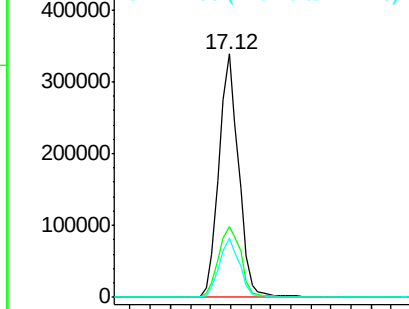
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.26 ng
RT: 17.12 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF092464.D
Acq: 25 Jan 2017 9:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.1	21.8	32.6
277	25.1	20.2	30.4

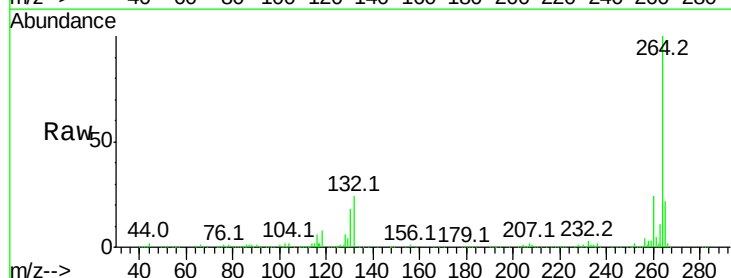


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

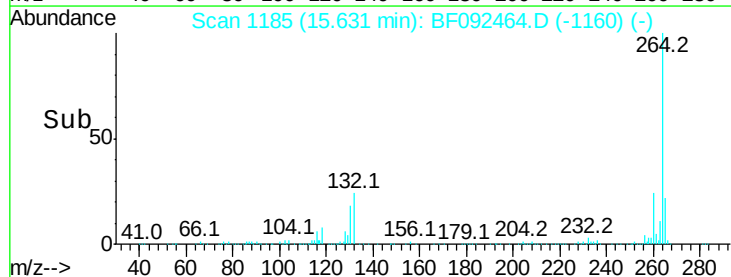
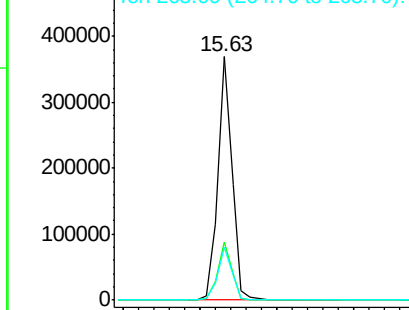


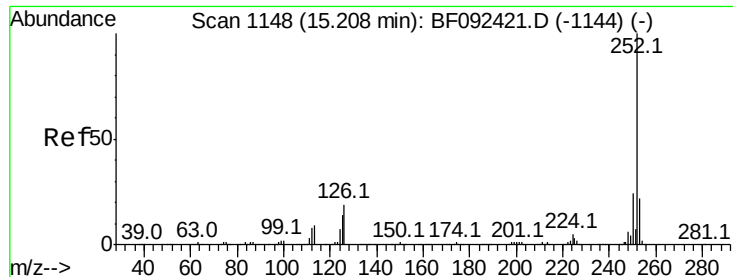
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.63 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF092464.D
Acq: 25 Jan 2017 9:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.8	17.4	26.0



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

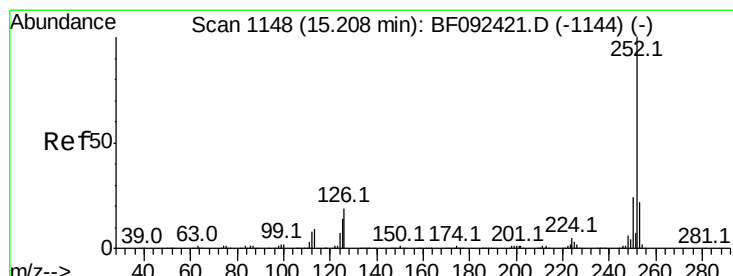
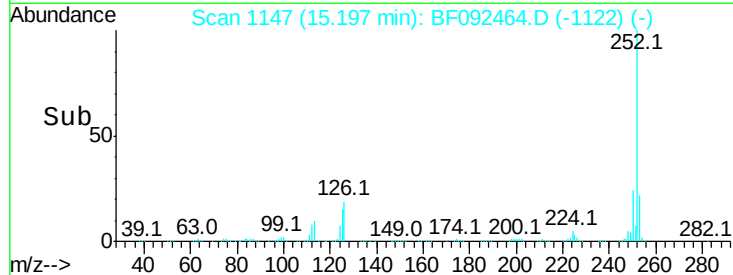
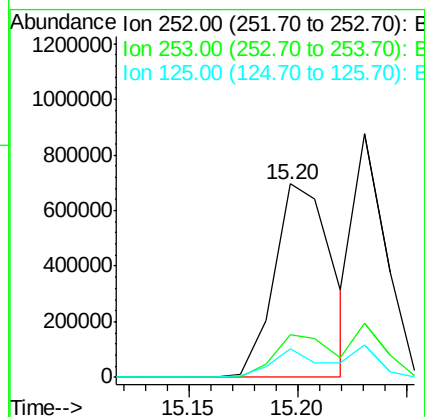
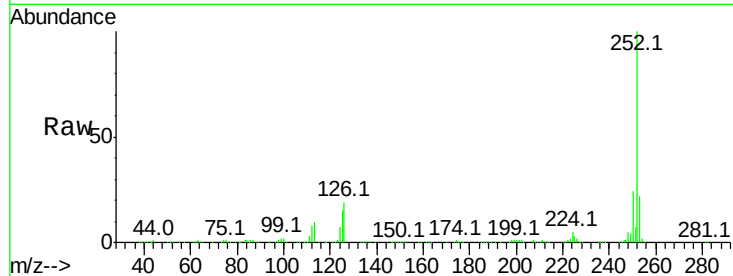




#87
Benzo(b)fluoranthene
Concen: 42.23 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF092464.D
Acq: 25 Jan 2017 9:29

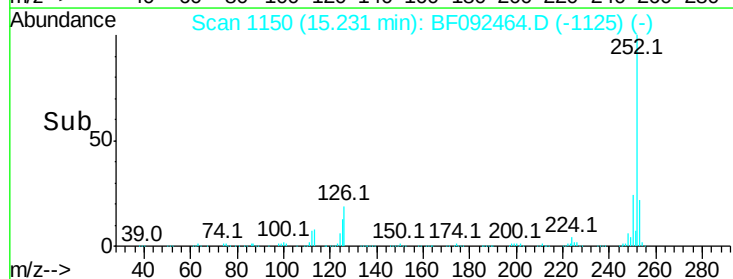
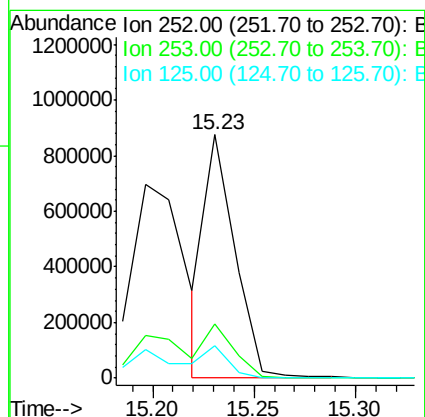
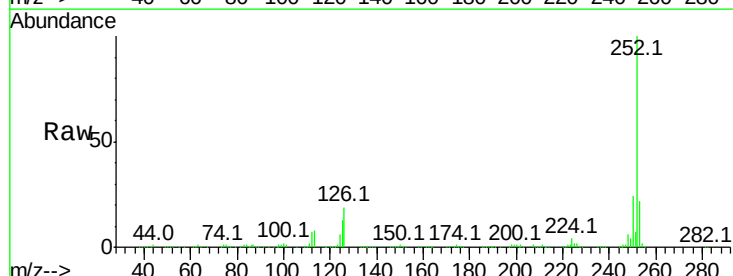
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

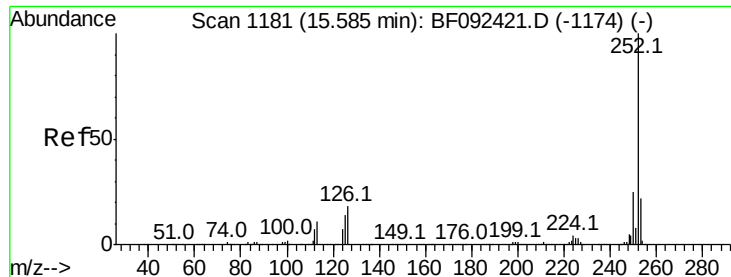
Tot Ion:252 Resp: 1282429
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.4
125 14.5 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 35.32 ng m
RT: 15.23 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF092464.D
Acq: 25 Jan 2017 9:29

Tgt Ion:252 Resp: 891804
Ion Ratio Lower Upper
252 100
253 22.4 18.5 27.7
125 13.2 8.9 13.3





#89

Benzo(a)pyrene

Concen: 39.97 ng

RT: 15.57 min Scan# 1180

Delta R.T. -0.01 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

Instrument :

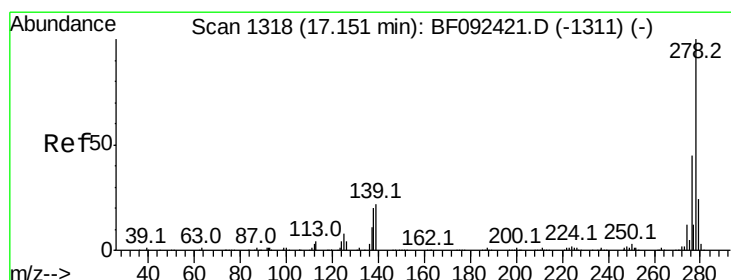
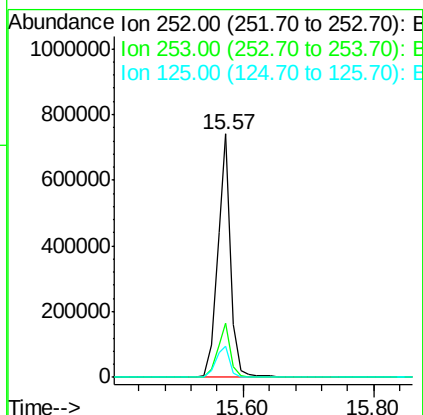
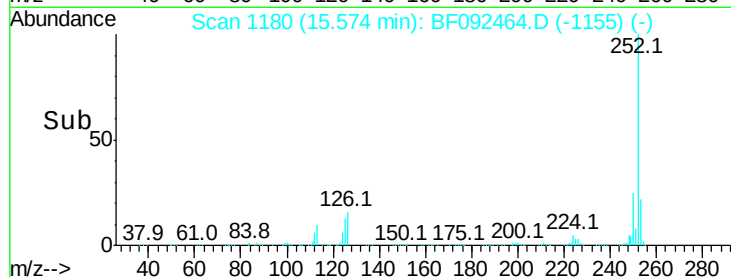
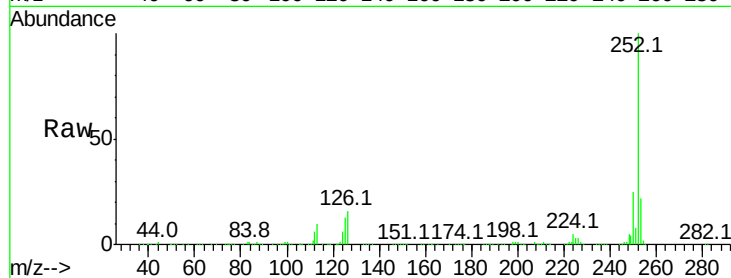
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:252 Resp: 1026859

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	12.7	10.0	15.0



#90

Dibenzo(a,h)anthracene

Concen: 39.40 ng

RT: 17.14 min Scan# 1317

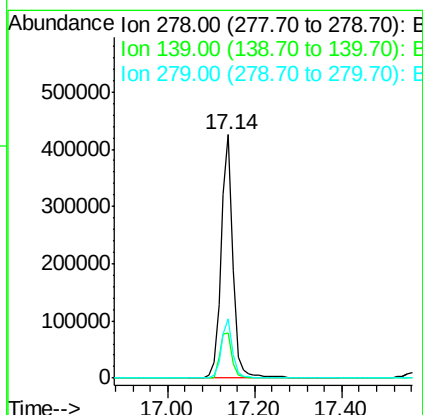
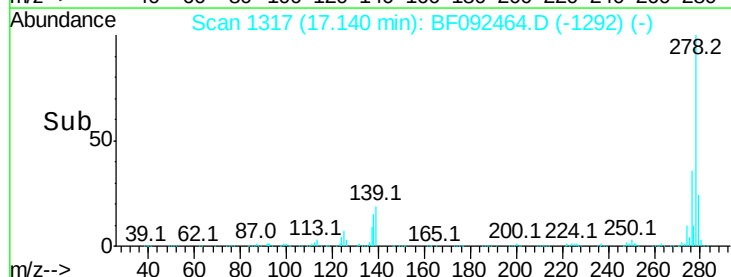
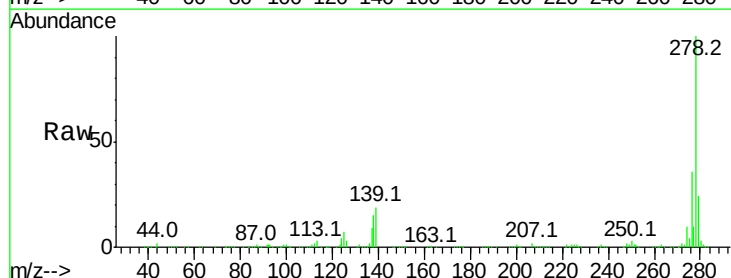
Delta R.T. -0.01 min

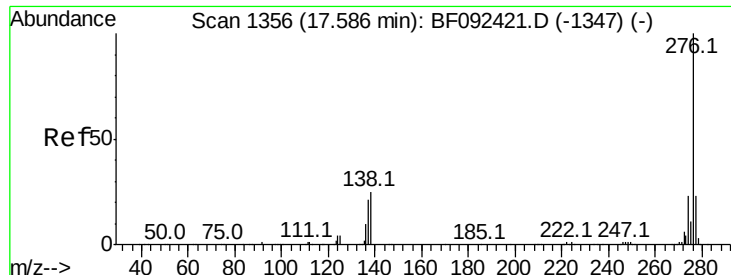
Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

Tgt Ion:278 Resp: 818441

Ion	Ratio	Lower	Upper
278	100		
139	18.7	14.8	22.2
279	24.2	19.8	29.6





#91

Benzo(a,h,i)perylene

Concen: 38.07 ng

RT: 17.56 min Scan# 1354

Delta R.T. -0.02 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

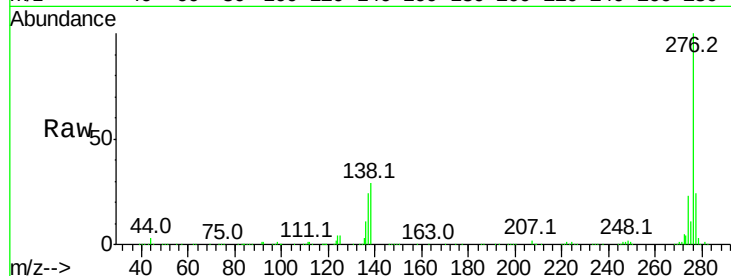
Tot Ion:276 Resp: 799840

Ion Ratio Lower Upper

276 100

277 23.7 19.2 28.8

138 29.1 16.0 24.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

