

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
 Data File : BF092591.D
 Acq On : 27 Jan 2017 22:21
 Operator : SJ/MA
 Sample : I1448-06MS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHA-SB-02-2-4MS

Quant Time: Jan 28 04:11:58 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	6.98	152	168695	20.00	ng	0.01
21) Naphthalene-d8	8.27	136	731168	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	387634	20.00	ng	0.01
63) Phenanthrene-d10	11.53	188	619480	20.00	ng	0.00
75) Chrysene-d12	14.17	240	418956	20.00	ng	0.00
86) Perylene-d12	15.65	264	346143	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	1252114	115.48	ng	0.05
7) Phenol-d6	6.62	99	1760616	127.48	ng	0.03
23) Nitrobenzene-d5	7.55	82	1157968	86.51	ng	0.01
41) 2,4,6-Tribromophenol	10.83	330	364029	137.81	ng	0.01
44) 2-Fluorobiphenyl	9.36	172	1916718	91.43	ng	0.00
78) Terphenyl-d14	13.12	244	1581374	100.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	200476	34.77	ng	# 84
3) Pyridine	3.45	79	542291	33.03	ng	# 85
4) n-Nitrosodimethylamine	3.41	42	301232	37.40	ng	# 84
6) Aniline	6.64	93	377503	18.32	ng	# 83
8) 2-Chlorophenol	6.76	128	497373	43.67	ng	# 86
9) Benzaldehyde	6.52	77	260074	26.54	ng	# 97
10) Phenol	6.64	94	610237	36.61	ng	# 87
11) bis(2-Chloroethyl)ether	6.72	93	555680	44.55	ng	# 96
12) 1,3-Dichlorobenzene	7.15	146	551010	40.91	ng	# 98
13) 1,4-Dichlorobenzene	6.99	146	559951	41.31	ng	# 96
14) 1,2-Dichlorobenzene	7.15	146	551702	42.90	ng	# 96
15) Benzyl Alcohol	7.13	79	482871	46.39	ng	# 96
16) 2,2'-oxybis(1-Chloropropan	7.25	45	881621	35.73	ng	# 78
17) 2-Methylphenol	7.24	107	446713	45.91	ng	# 96
18) Hexachloroethane	7.49	117	193723	41.48	ng	# 90
19) n-Nitroso-di-n-propylamine	7.39	70	383505	40.78	ng	# 93
20) 3+4-Methylphenols	7.40	107	578018	48.96	ng	# 74
22) Acetophenone	7.39	105	772784	44.38	ng	# 98
24) Nitrobenzene	7.56	77	543505	38.76	ng	# 100
25) Isophorone	7.80	82	1061813	40.26	ng	# 96
26) 2-Nitrophenol	7.88	139	296691	50.49	ng	# 97
27) 2,4-Dimethylphenol	7.93	122	508692	41.63	ng	# 97
28) bis(2-Chloroethoxy)methane	8.02	93	727787	42.04	ng	# 99
29) 2,4-Dichlorophenol	8.13	162	494336	46.66	ng	# 94
30) 1,2,4-Trichlorobenzene	8.21	180	482478	42.13	ng	# 99
31) Naphthalene	8.29	128	1561816	41.73	ng	# 99
32) Benzoic acid	8.02	122	69980	11.61	ng	# 98
33) 4-Chloroaniline	8.34	127	192794	12.18	ng	# 98
34) Hexachlorobutadiene	8.41	225	259071	41.36	ng	# 99
35) Caprolactam	8.72	113	102719	29.03	ng	# 29
36) 4-Chloro-3-methylphenol	8.84	107	483345	42.31	ng	# 99
37) 2-Methylnaphthalene	8.99	142	1090953	46.05	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	451675	46.19	ng	# 100
40) Hexachlorocyclopentadiene	9.14	237	350668	71.61	ng	# 96

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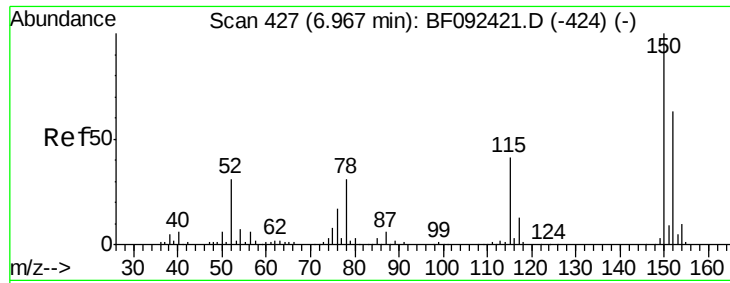
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.28	196	367877	49.11	ng	93
43) 2,4,5-Trichlorophenol	9.32	196	349412	50.97	ng #	86
45) 1,1'-Biphenyl	9.46	154	1366831	48.78	ng	100
46) 2-Chloronaphthalene	9.48	162	1006891	43.99	ng	98
47) 2-Nitroaniline	9.58	65	370052	48.01	ng #	83
48) Acenaphthylene	9.90	152	1597566	47.59	ng	98
49) Dimethylphthalate	9.77	163	1632071	66.21	ng	99
50) 2,6-Dinitrotoluene	9.82	165	266704	52.93	ng #	88
51) Acenaphthene	10.08	154	1012759	48.55	ng	97
52) 3-Nitroaniline	10.00	138	183028	29.01	ng	91
53) 2,4-Dinitrophenol	10.10	184	138187	52.87	ng #	66
54) Dibenzofuran	10.25	168	1414906	49.96	ng	94
55) 4-Nitrophenol	10.18	139	357509	71.34	ng	96
56) 2,4-Dinitrotoluene	10.22	165	321675	48.10	ng	93
57) Fluorene	10.59	166	1060686	50.51	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.36	232	258513	50.34	ng	96
59) Diethylphthalate	10.46	149	1179662	49.91	ng	96
60) 4-Chlorophenyl-phenylether	10.58	204	496364	48.73	ng #	84
61) 4-Nitroaniline	10.62	138	306535	48.57	ng	84
62) Azobenzene	10.74	77	1270618	47.24	ng	94
64) 4,6-Dinitro-2-methylphenol	10.64	198	129941	39.86	ng #	39
65) n-Nitrosodiphenylamine	10.70	169	976579	50.48	ng	99
66) 4-Bromophenyl-phenylether	11.07	248	301520	48.21	ng #	88
67) Hexachlorobenzene	11.14	284	294227	46.54	ng #	89
68) Atrazine	11.23	200	270821	40.90	ng	99
69) Pentachlorophenol	11.33	266	252841	62.55	ng	97
70) Phenanthrene	11.55	178	1347682	39.50	ng	99
71) Anthracene	11.61	178	1612492	48.37	ng	98
72) Carbazole	11.77	167	1458145	45.81	ng	98
73) Di-n-butylphthalate	12.09	149	1761349	48.39	ng #	97
74) Fluoranthene	12.74	202	1348347	40.41	ng	98
76) Benzidine	12.87	184	393145	25.28	ng	96
77) Pyrene	12.97	202	1344949	44.31	ng	99
79) Butylbenzylphthalate	13.59	149	663020	53.91	ng	91
80) Benzo(a)anthracene	14.16	228	1044939	46.41	ng	99
81) 3,3'-Dichlorobenzidine	14.12	252	261007	30.53	ng #	97
82) Chrysene	14.19	228	914054	38.01	ng	99
83) Bis(2-ethylhexyl)phthalate	14.15	149	912552	58.92	ng #	96
84) Di-n-octyl phthalate	14.75	149	1380272	49.09	ng	99
85) Indeno(1,2,3-cd)pyrene	17.16	276	988867	55.58	ng	95
87) Benzo(b)fluoranthene	15.22	252	947418	42.63	ng	98
88) Benzo(k)fluoranthene	15.22	252	947418	51.27	ng	98
89) Benzo(a)pyrene	15.60	252	879012	46.76	ng	97
90) Dibenzo(a,h)anthracene	17.17	278	816386	53.71	ng	96
91) Benzo(g,h,i)perylene	17.62	276	841636	54.75	ng #	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.98 min Scan# 428

Delta R.T. 0.01 min

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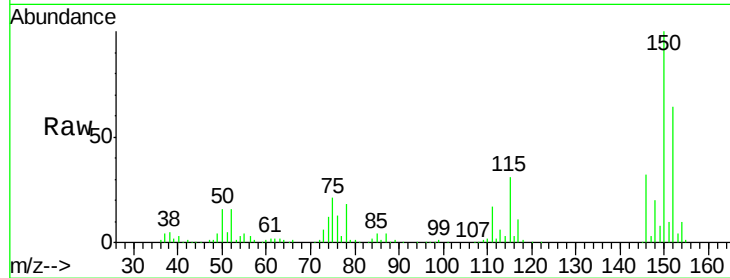
Tgt Ion:152 Resp: 168695

Ion Ratio Lower Upper

152 100

150 155.7 124.9 187.3

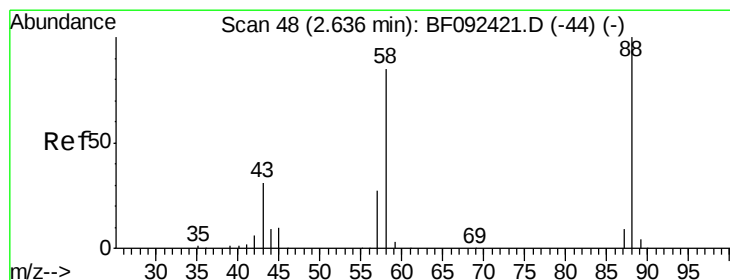
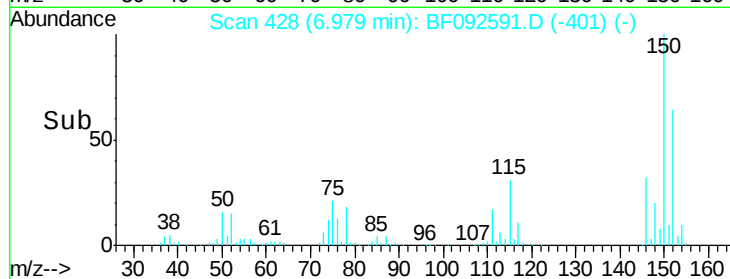
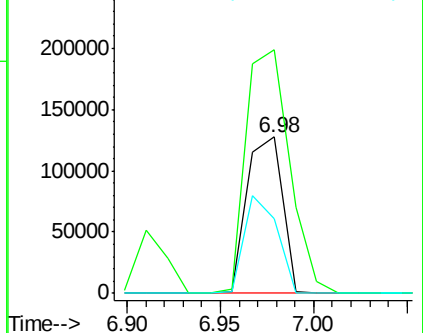
115 48.0 46.0 69.0



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: 34.77 ng

RT: 2.69 min Scan# 53

Delta R.T. 0.06 min

Lab File: BF092591.D

Acq: 27 Jan 2017 22:21

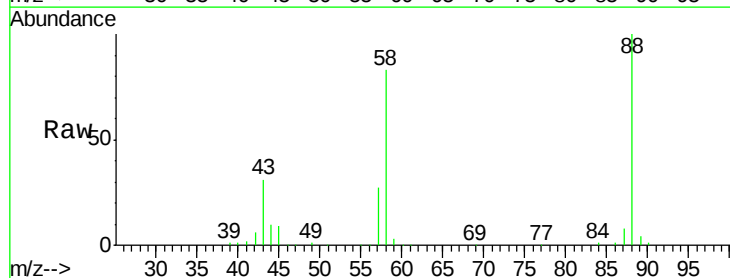
Tgt Ion: 88 Resp: 200476

Ion Ratio Lower Upper

88 100

58 87.8 57.8 86.8#

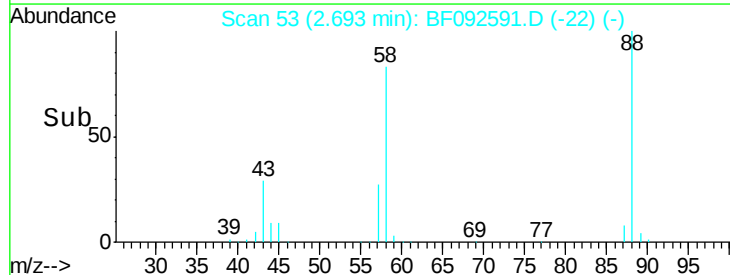
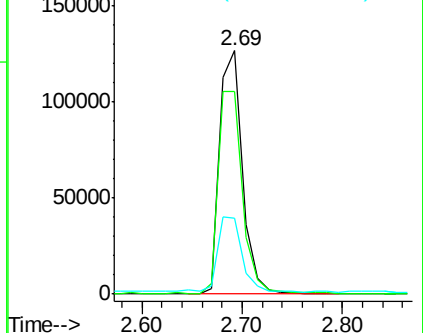
43 33.0 22.3 33.5

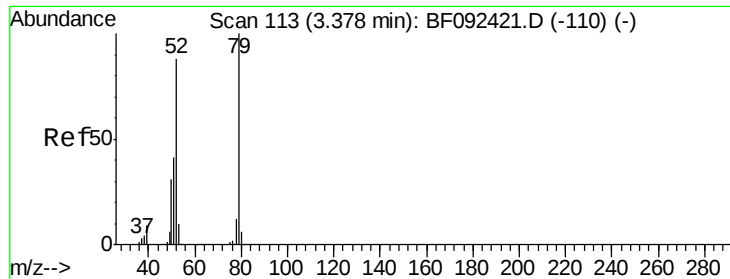


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 33.03 ng

RT: 3.45 min Scan# 119

Delta R.T. 0.07 min

Lab File: BF092591.D

Acq: 27 Jan 2017 22:21

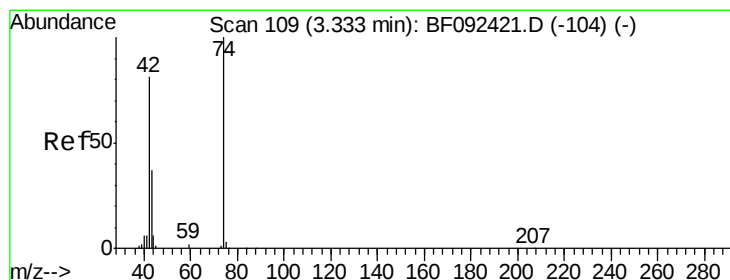
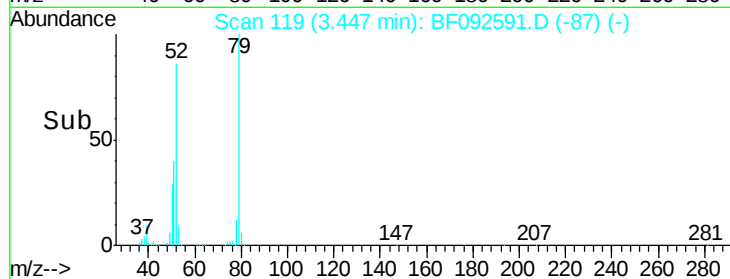
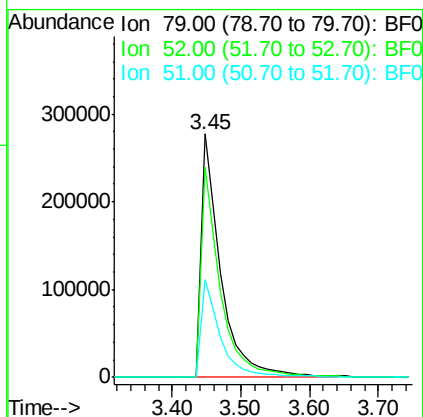
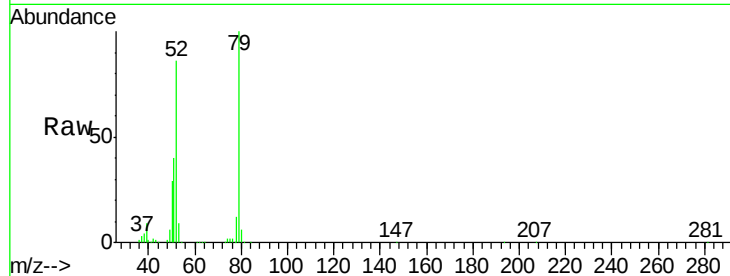
Instrument :

BNA_F

ClientSampleId :

CHA-SB-02-2-4MS

Tgt Ion:	79	Resp:	542291
Ion	Ratio	Lower	Upper
79	100		
52	86.2	57.1	85.7#
51	40.1	27.3	40.9



#4

n-Nitrosodimethylamine

Concen: 37.40 ng

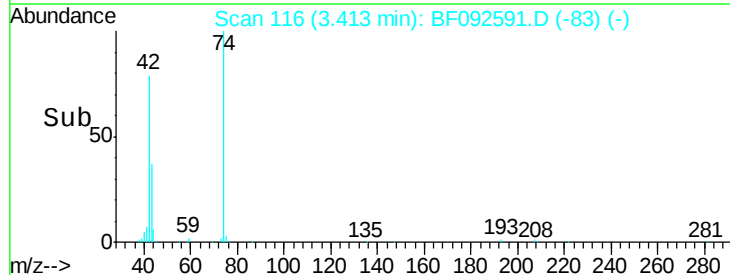
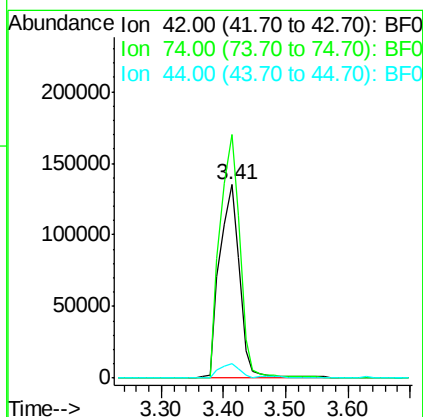
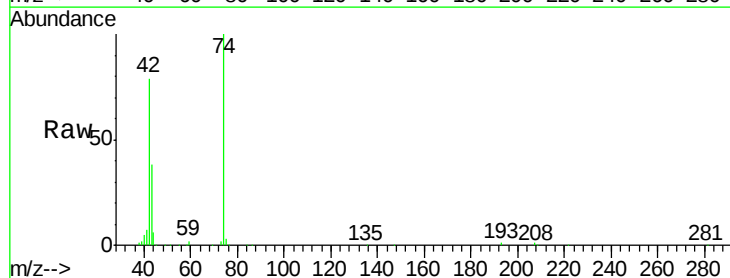
RT: 3.41 min Scan# 116

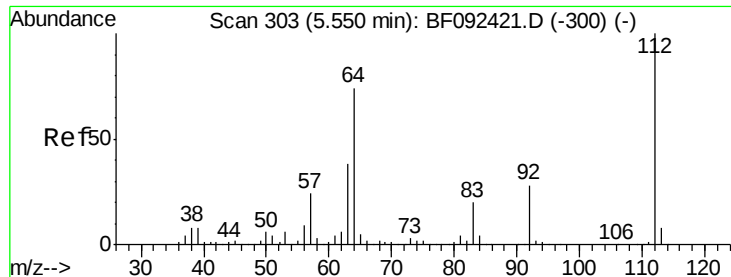
Delta R.T. 0.08 min

Lab File: BF092591.D

Acq: 27 Jan 2017 22:21

Tgt Ion:	42	Resp:	301232
Ion	Ratio	Lower	Upper
42	100		
74	125.8	117.0	175.4
44	7.8	5.5	8.3





#5

2-Fluorophenol

Concen: 115.48 ng

RT: 5.60 min Scan# 307

Delta R.T. 0.05 min

Lab File: BF092591.D

Acq: 27 Jan 2017 22:21

Instrument :

BNA_F

ClientSampleId :

CHA-SB-02-2-4MS

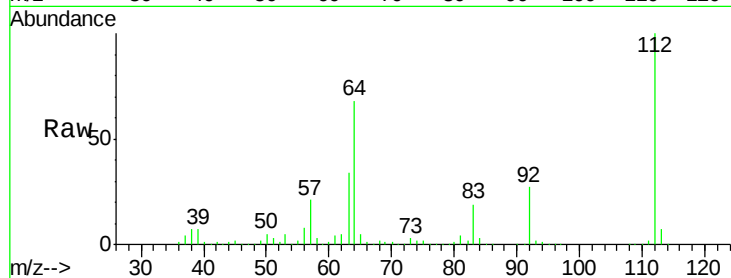
Tgt Ion: 112 Resp: 1252114

Ion Ratio Lower Upper

112 100

64 68.0 46.1 69.1

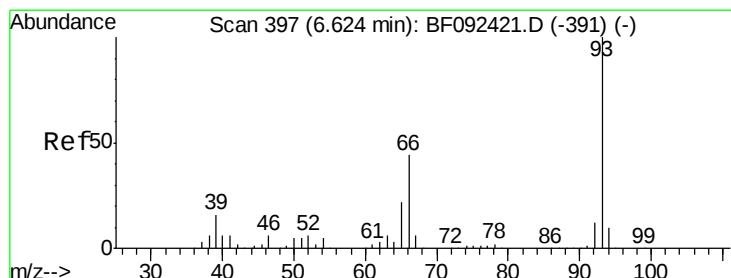
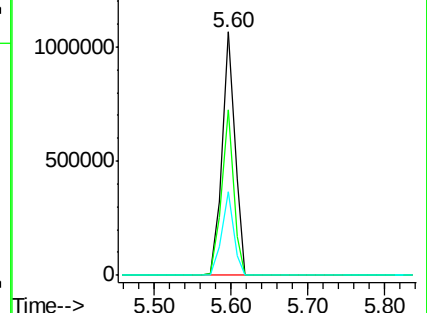
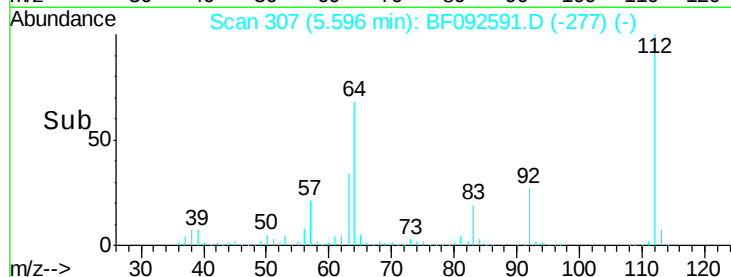
63 34.5 23.8 35.6



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: 18.32 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.01 min

Lab File: BF092591.D

Acq: 27 Jan 2017 22:21

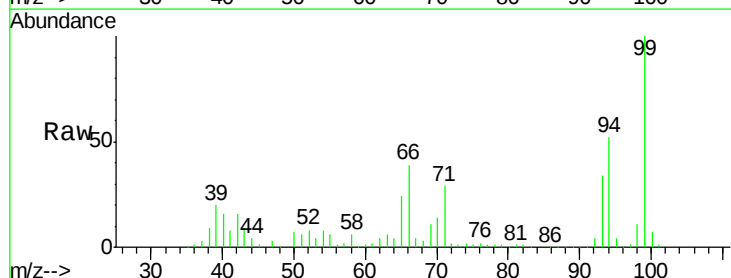
Tgt Ion: 93 Resp: 377503

Ion Ratio Lower Upper

93 100

66 114.6 76.2 114.2#

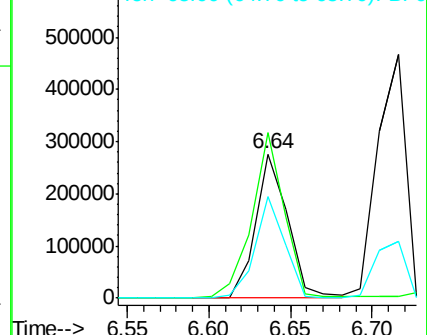
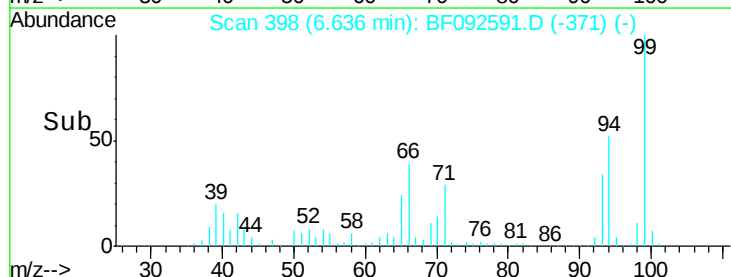
65 70.5 49.3 73.9

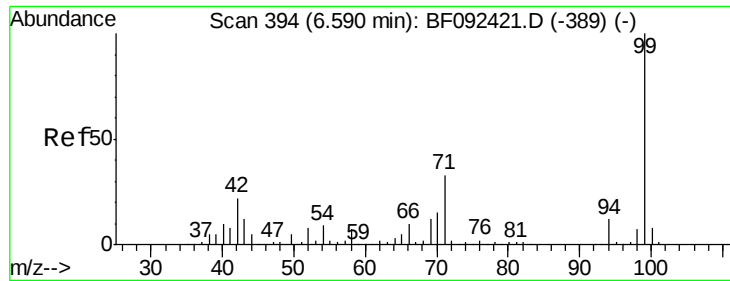


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 127.48 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.03 min

Lab File: BF092591.D

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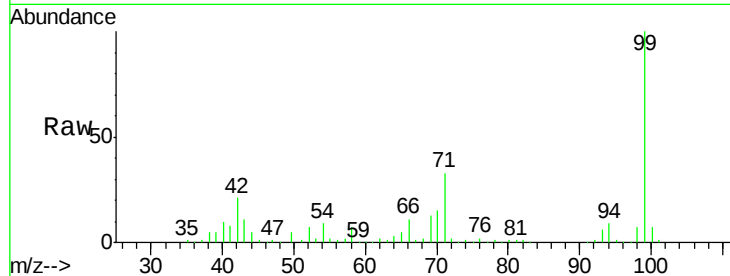
Tgt Ion: 99 Resp: 1760616

Ion Ratio Lower Upper

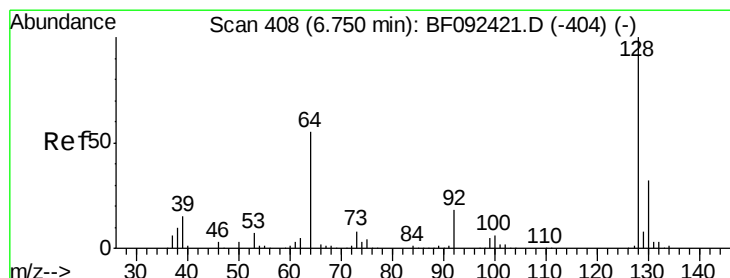
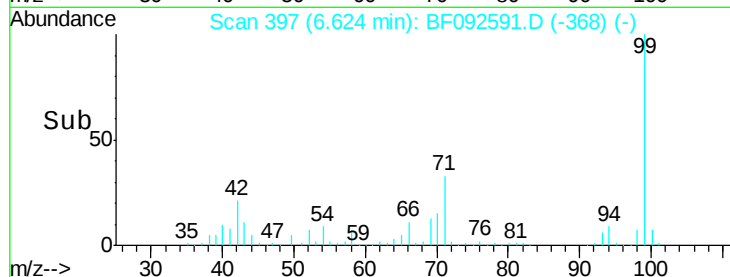
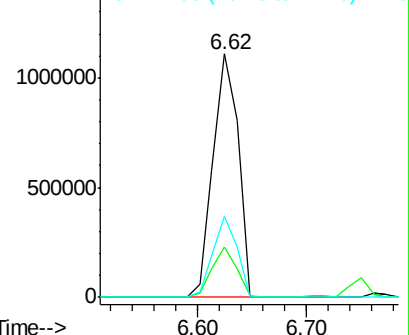
99 100

42 20.9 15.6 23.4

71 33.5 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: 43.67 ng

RT: 6.76 min Scan# 409

Delta R.T. 0.01 min

Lab File: BF092591.D

Acq: 27 Jan 2017 22:21

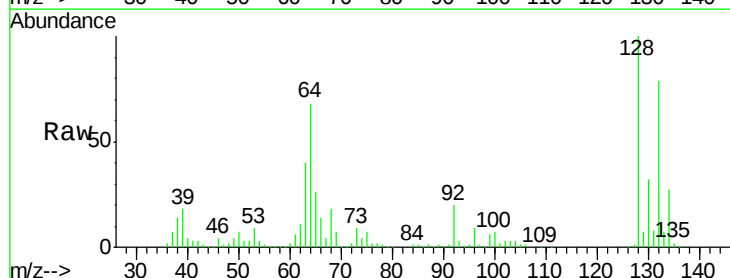
Tgt Ion: 128 Resp: 497373

Ion Ratio Lower Upper

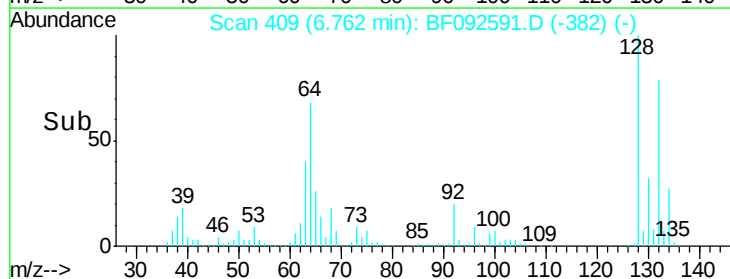
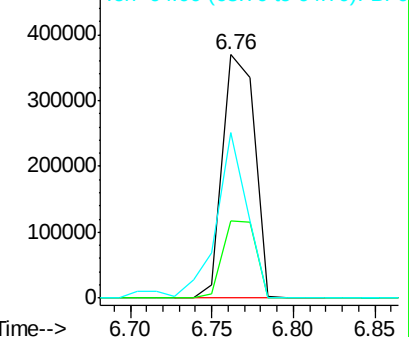
128 100

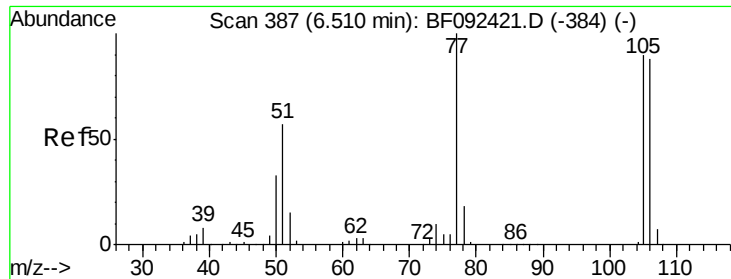
130 32.0 12.3 52.3

64 68.1 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

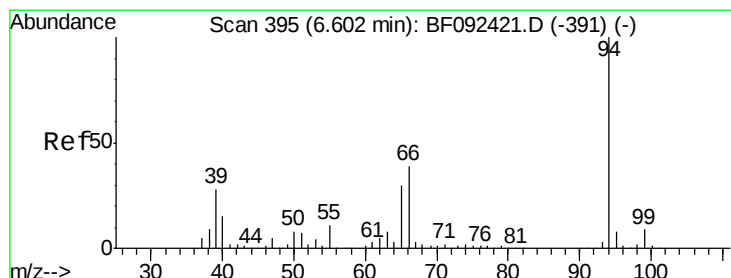
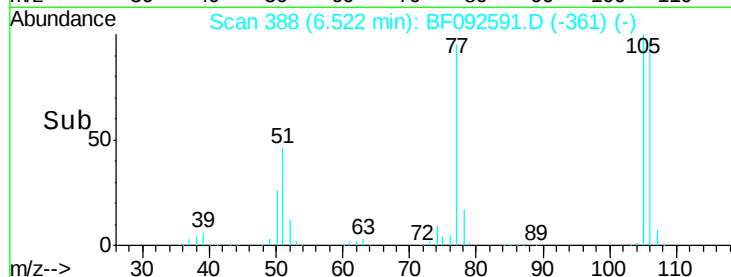
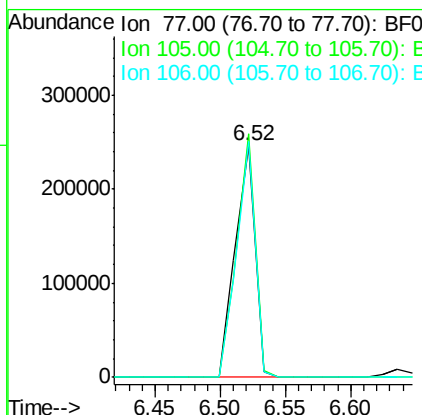
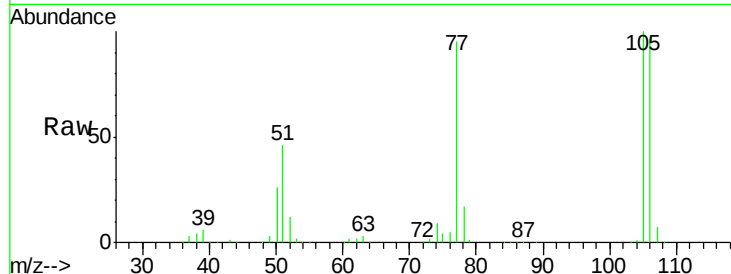




#9
Benzaldehyde
Concen: 26.54 ng
RT: 6.52 min Scan# 388
Delta R.T. 0.01 min
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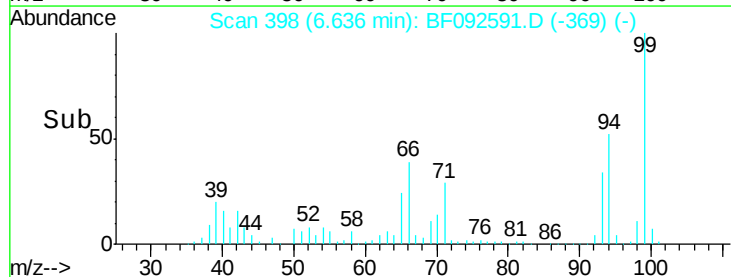
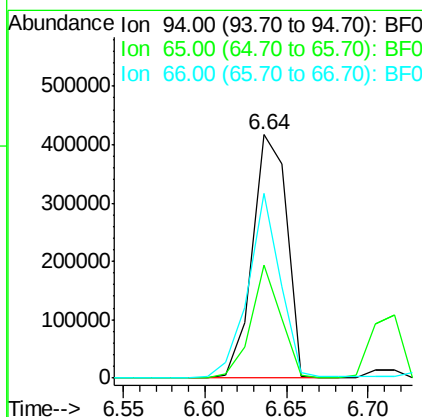
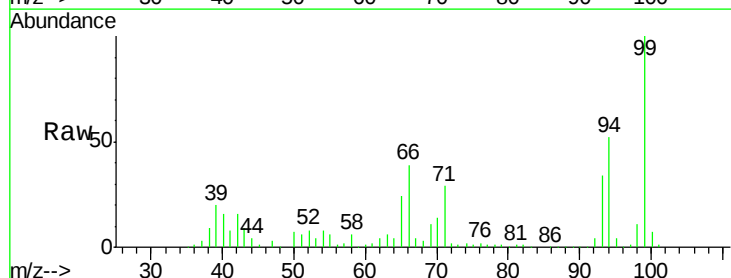
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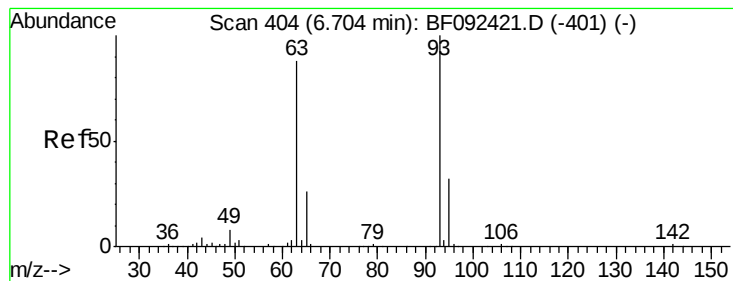
Tgt Ion: 77 Resp: 260074
Ion Ratio Lower Upper
77 100
105 105.3 83.9 123.9
106 101.9 77.6 117.6



#10
Phenol
Concen: 36.61 ng
RT: 6.64 min Scan# 398
Delta R.T. 0.03 min
Lab File: BF092591.D
Acq: 27 Jan 2017 22:21

Tgt Ion: 94 Resp: 610237
Ion Ratio Lower Upper
94 100
65 46.7 21.4 61.4
66 75.9 44.0 84.0





#11

bis(2-Chloroethyl)ether

Concen: 44.55 ng

RT: 6.72 min Scan# 405

Delta R.T. 0.01 min

Lab File: BF092591.D

Acq: 27 Jan 2017 22:21

Instrument :

BNA_F

ClientSampleId :

CHA-SB-02-2-4MS

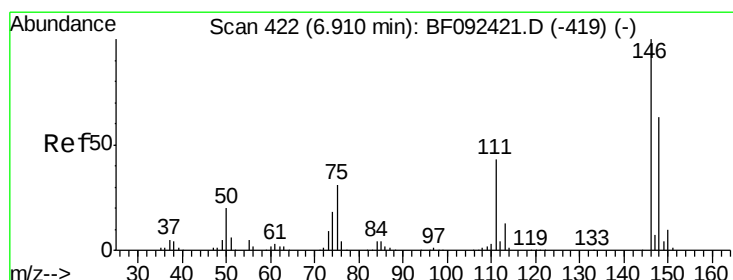
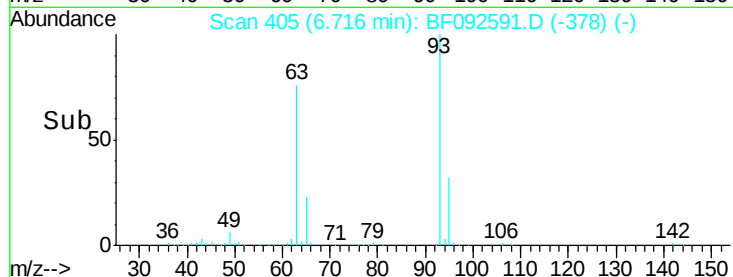
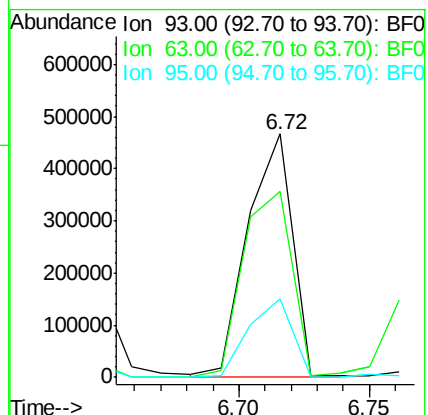
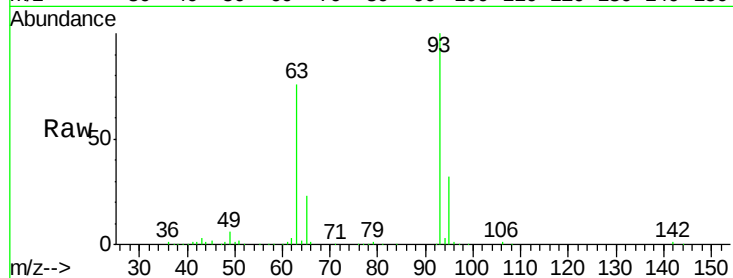
Tgt Ion: 93 Resp: 555680

Ion Ratio Lower Upper

93 100

63 76.2 60.4 100.4

95 32.3 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 40.91 ng

RT: 7.15 min Scan# 443

Delta R.T. 0.24 min

Lab File: BF092591.D

Acq: 27 Jan 2017 22:21

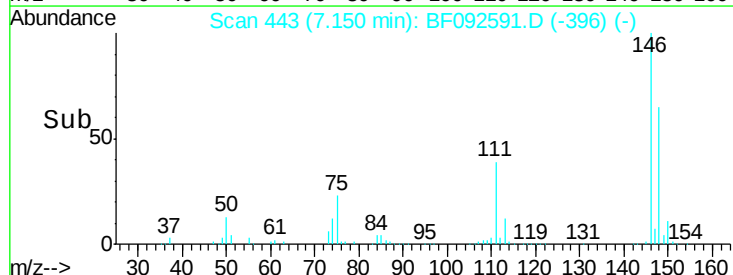
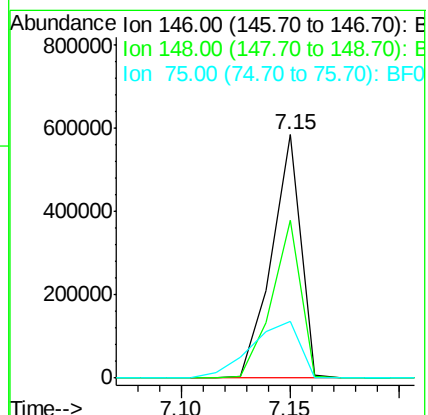
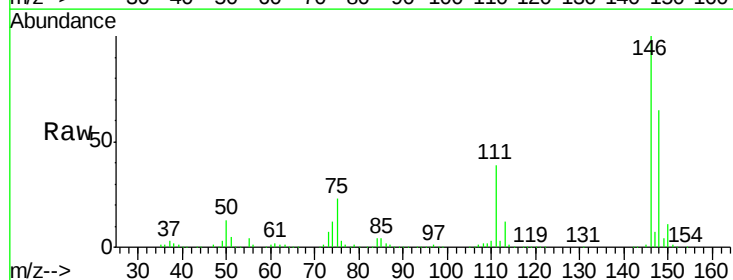
Tgt Ion: 146 Resp: 551010

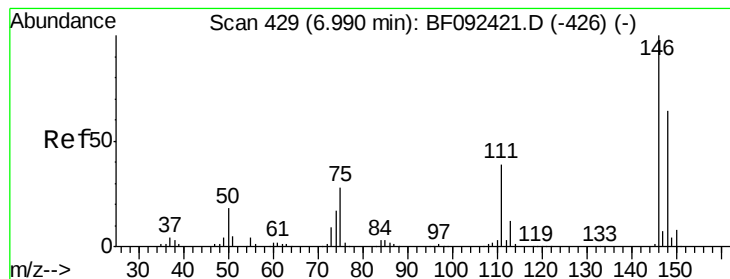
Ion Ratio Lower Upper

146 100

148 64.8 53.4 80.0

75 23.4 18.5 27.7





#13

1,4-Dichlorobenzene

Concen: 41.31 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF092591.D

Acq: 27 Jan 2017 22:21

Instrument :

BNA_F

ClientSampleId :

CHA-SB-02-2-4MS

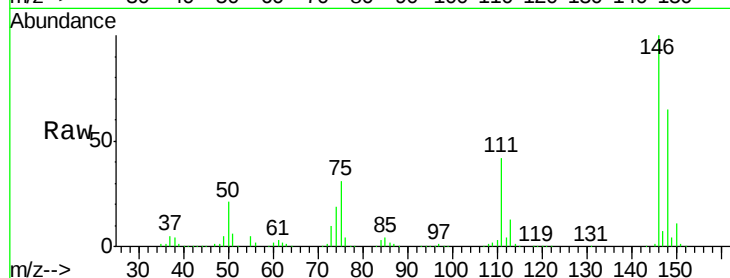
Tgt Ion:146 Resp: 559951

Ion Ratio Lower Upper

146 100

148 65.0 50.6 76.0

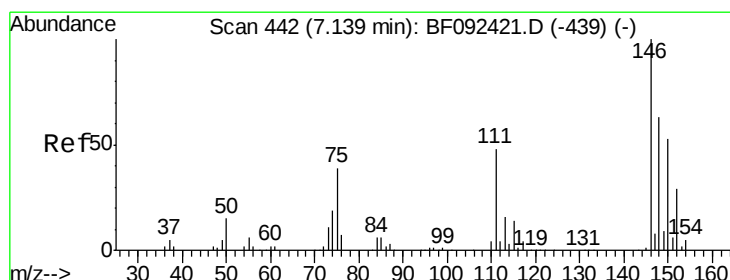
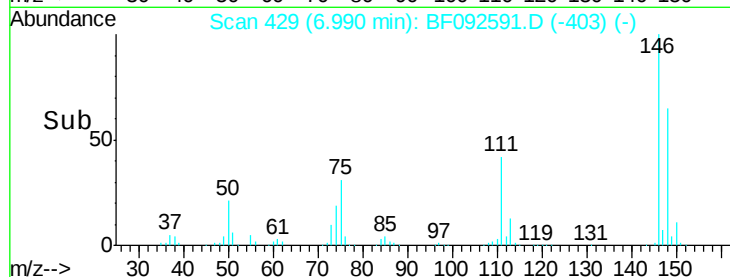
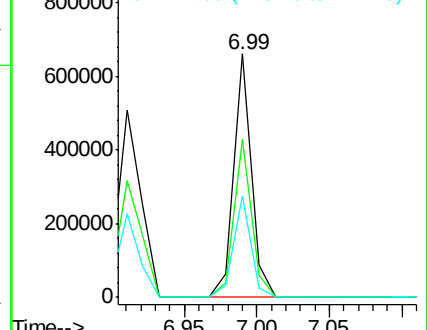
111 41.8 36.2 54.4



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: 42.90 ng

RT: 7.15 min Scan# 443

Delta R.T. 0.01 min

Lab File: BF092591.D

Acq: 27 Jan 2017 22:21

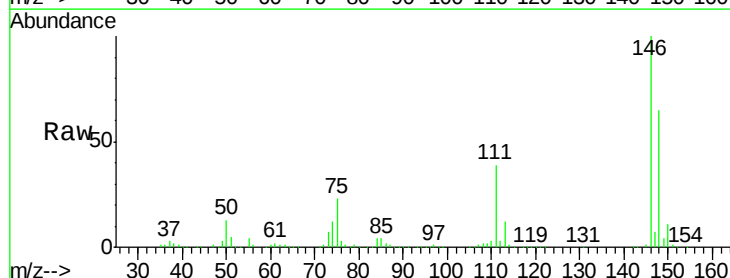
Tgt Ion:146 Resp: 551702

Ion Ratio Lower Upper

146 100

148 64.8 52.2 78.2

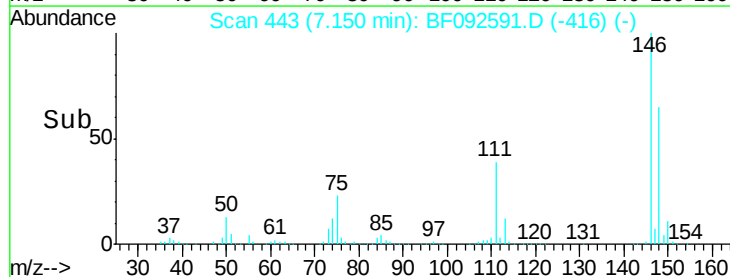
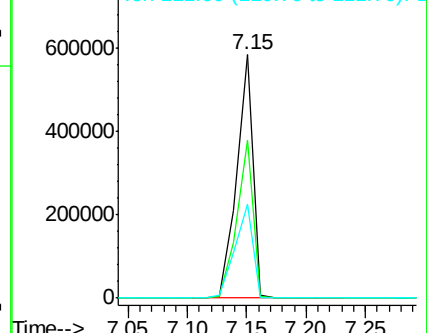
111 38.6 36.2 54.2



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: 46.39 ng

RT: 7.13 min Scan# 441

Delta R.T. 0.02 min

Lab File: BF092591.D

Acq: 27 Jan 2017 22:21

Instrument :

BNA_F

ClientSampleId :

CHA-SB-02-2-4MS

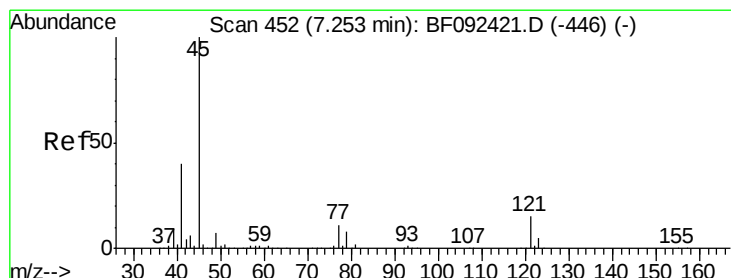
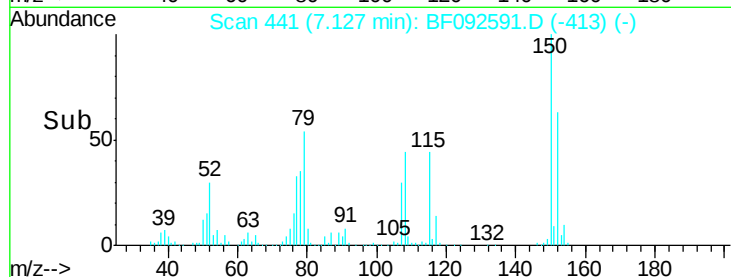
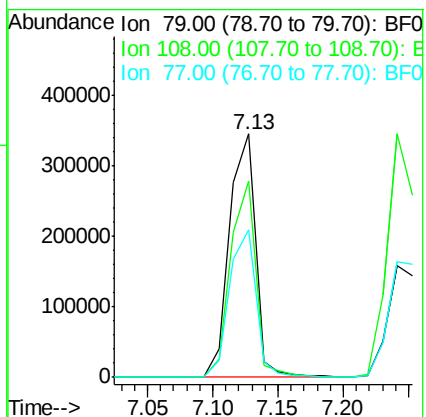
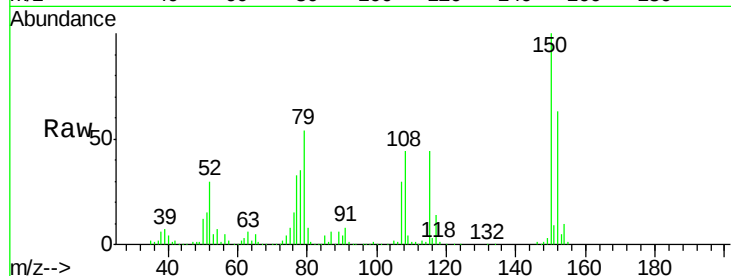
Tgt Ion: 79 Resp: 482871

Ion Ratio Lower Upper

79 100

108 80.8 61.4 92.0

77 60.8 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.73 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF092591.D

Acq: 27 Jan 2017 22:21

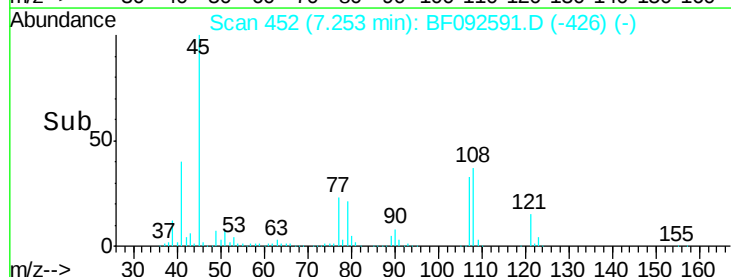
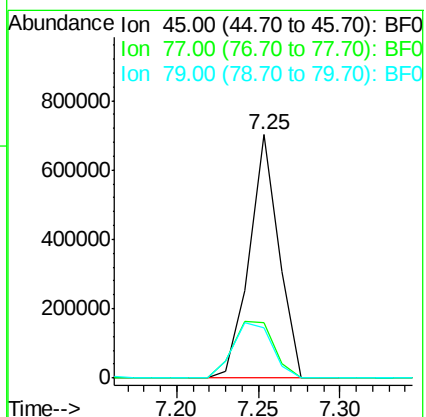
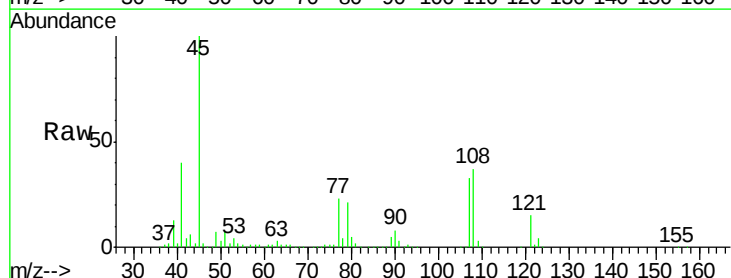
Tgt Ion: 45 Resp: 881621

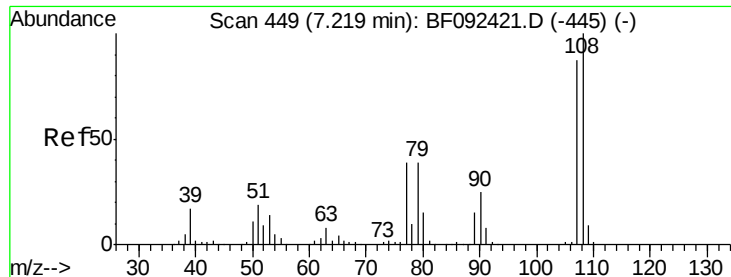
Ion Ratio Lower Upper

45 100

77 22.8 0.0 34.6

79 20.6 0.0 31.2

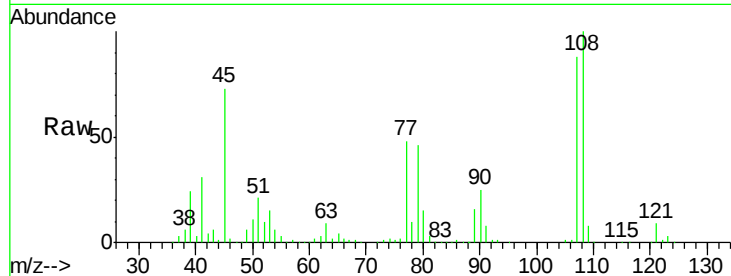




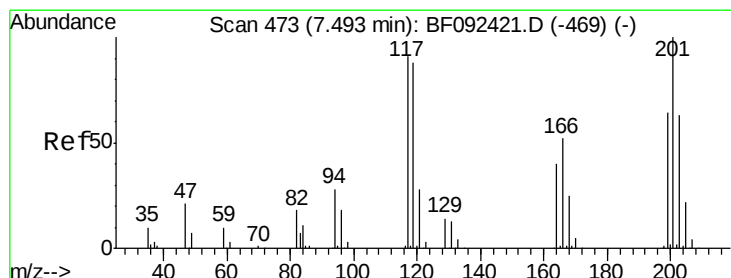
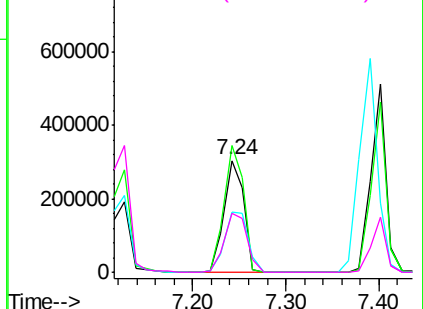
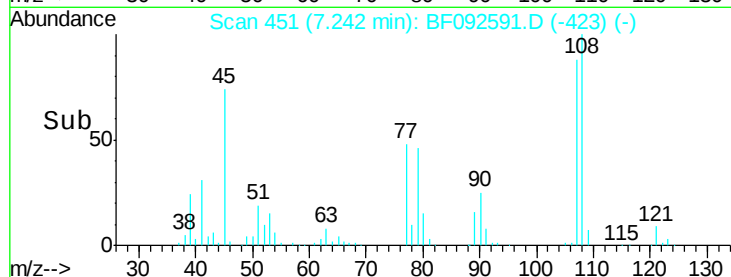
#17
2-Methylphenol
Concen: 45.91 ng
RT: 7.24 min Scan# 451
Delta R.T. 0.02 min
Lab File: BF092591.D
Acq: 27 Jan 2017 22:21

Instrument :
BNA_F
ClientSampleId :
CHA-SB-02-2-4MS

Tgt Ion:107 Resp: 446713
Ion Ratio Lower Upper
107 100
108 113.5 93.0 139.6
77 54.1 39.8 59.8
79 52.2 38.0 57.0

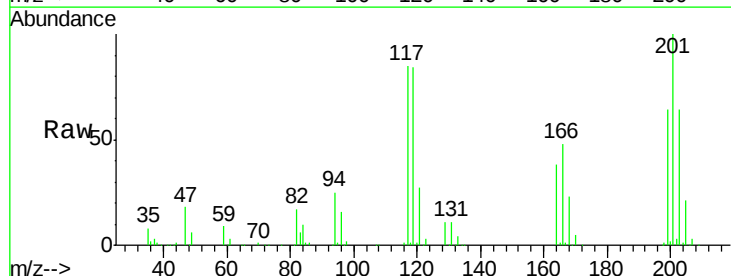


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

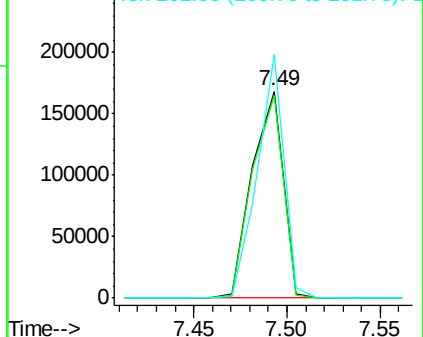
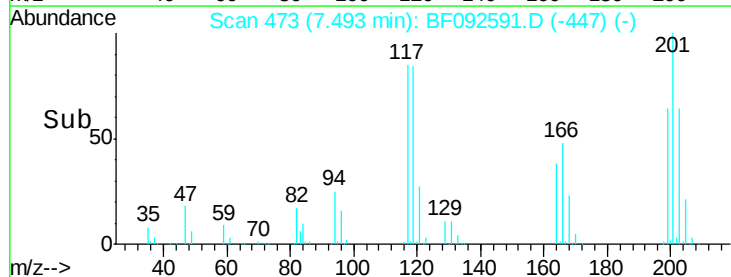


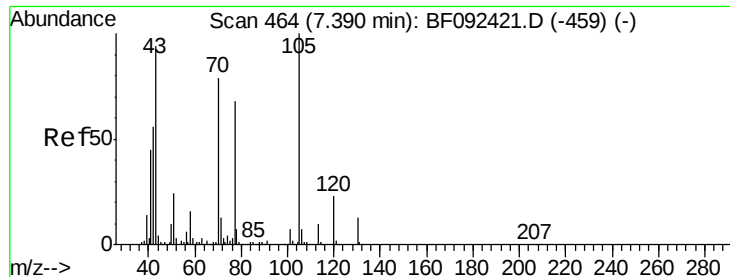
#18
Hexachloroethane
Concen: 41.48 ng
RT: 7.49 min Scan# 473
Delta R.T. -0.00 min
Lab File: BF092591.D
Acq: 27 Jan 2017 22:21

Tgt Ion:117 Resp: 193723
Ion Ratio Lower Upper
117 100
119 98.4 78.1 117.1
201 117.8 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

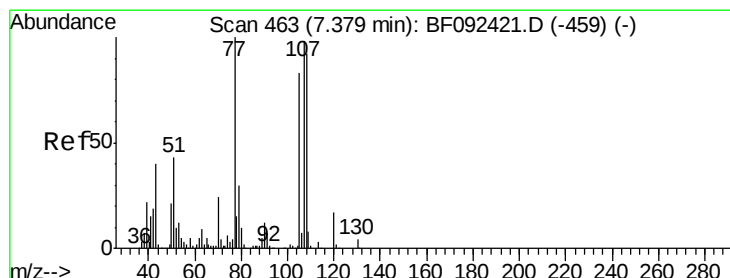
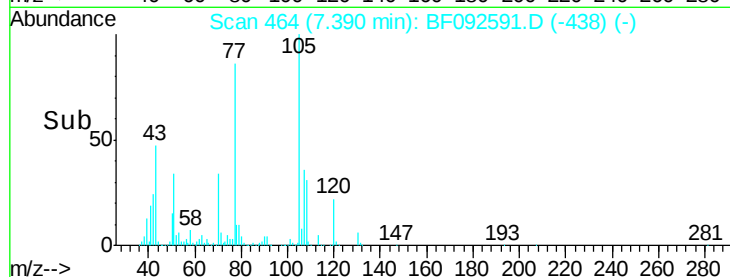
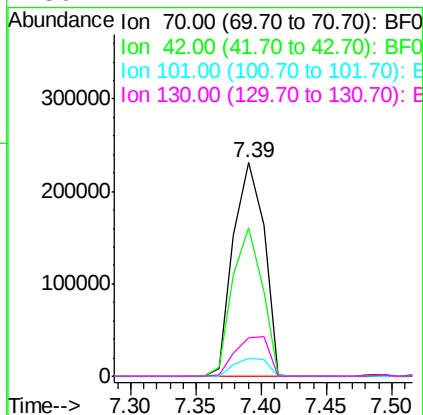
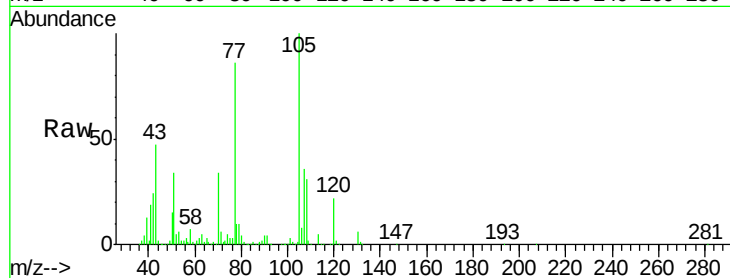




#19
n-Nitroso-di-n-propylamine
Concen: 40.78 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF092591.D
Acq: 27 Jan 2017 22:21

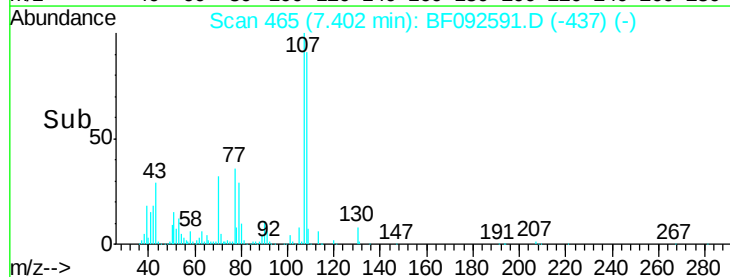
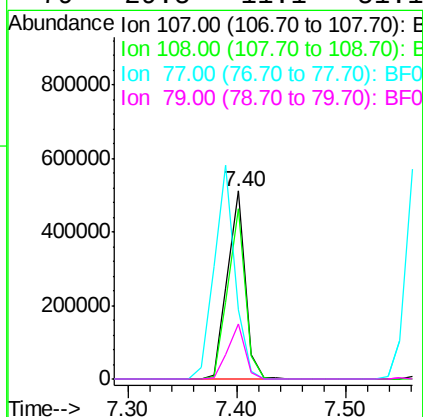
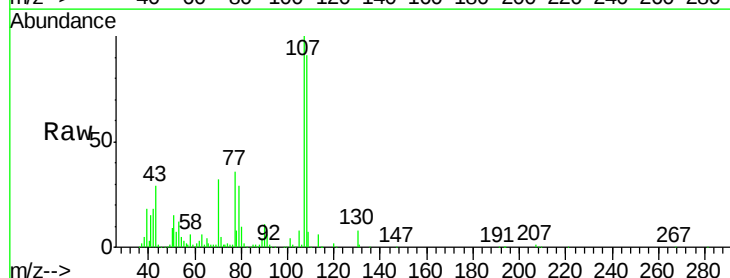
Instrument :
BNA_F
ClientSampleId :
CHA-SB-02-2-4MS

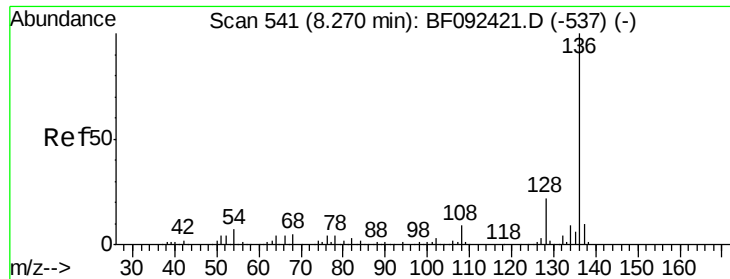
Tgt Ion: 70 Resp: 383505
Ion Ratio Lower Upper
70 100
42 69.6 49.4 74.0
101 8.7 7.4 11.2
130 17.7 14.2 21.4



#20
3+4-Methylphenols
Concen: 48.96 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.02 min
Lab File: BF092591.D
Acq: 27 Jan 2017 22:21

Tgt Ion: 107 Resp: 578018
Ion Ratio Lower Upper
107 100
108 90.9 73.0 113.0
77 36.5 71.3 111.3#
79 29.5 11.1 51.1

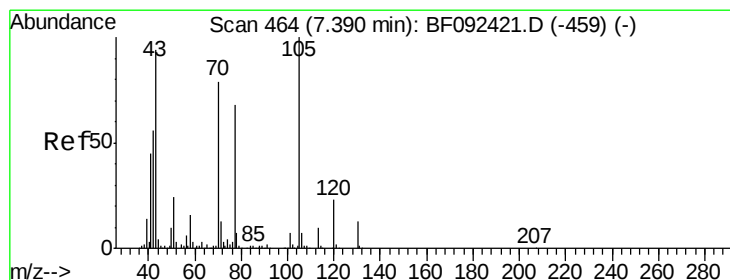
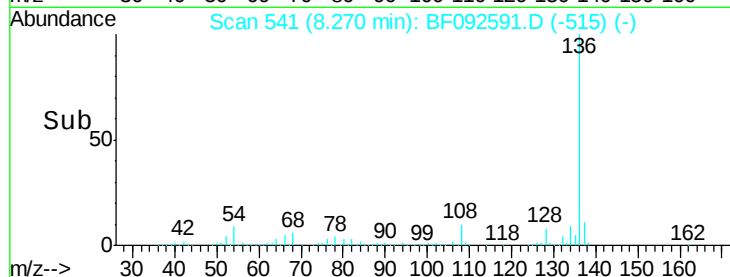
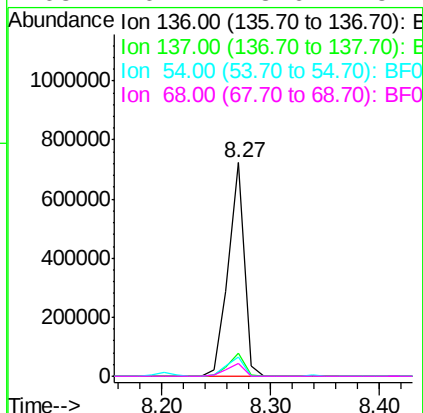
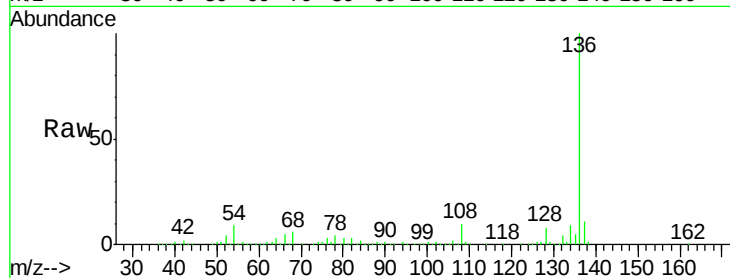




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF092591.D
Acq: 27 Jan 2017 22:21

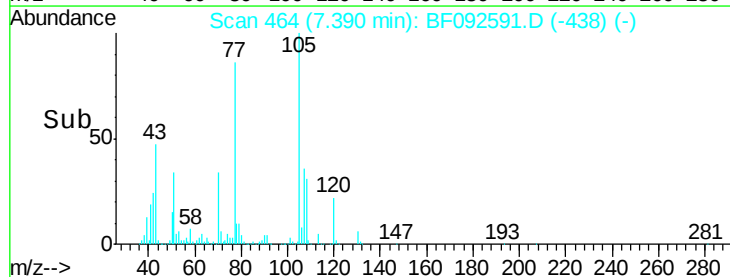
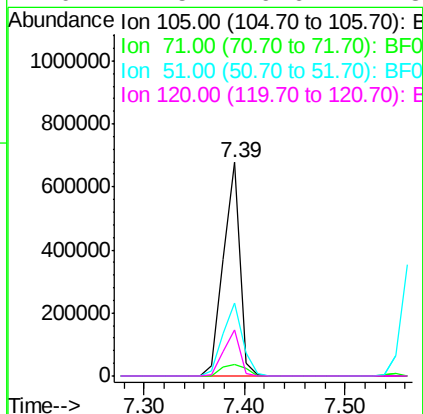
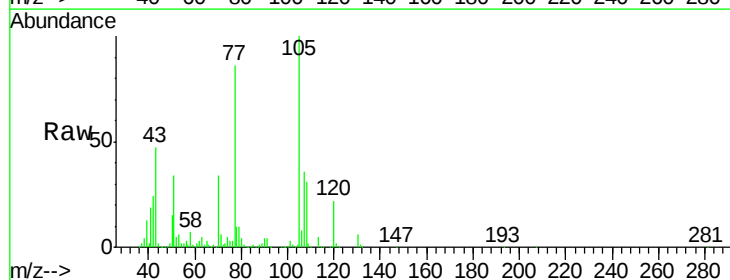
Instrument :
BNA_F
ClientSampleId :
CHA-SB-02-2-4MS

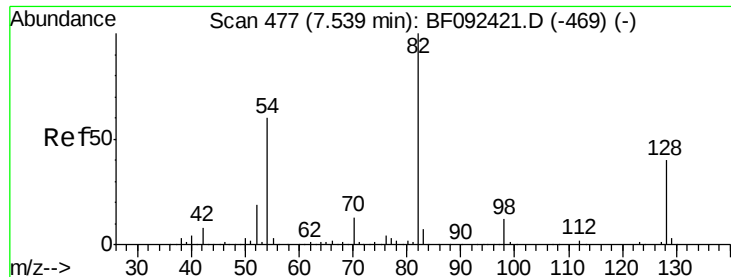
Tgt Ion:	136	Resp:	731168
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	8.9	4.5	6.7#
68	6.2	3.6	5.4#



#22
Acetophenone
Concen: 44.38 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF092591.D
Acq: 27 Jan 2017 22:21

Tgt Ion:	105	Resp:	772784
Ion	Ratio	Lower	Upper
105	100		
71	5.6	3.2	4.8#
51	34.1	26.2	39.4
120	21.5	16.6	24.8

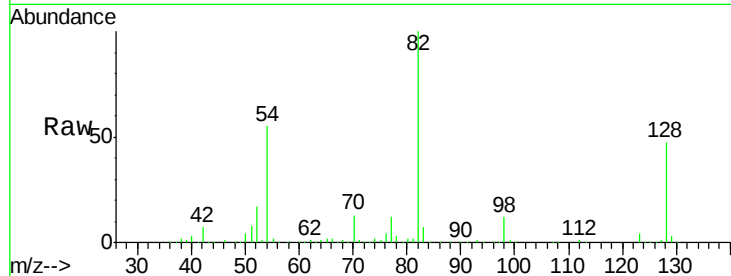




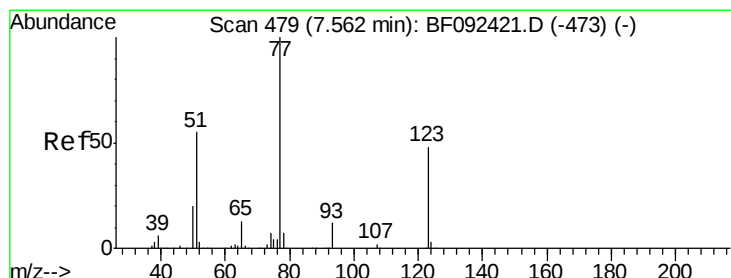
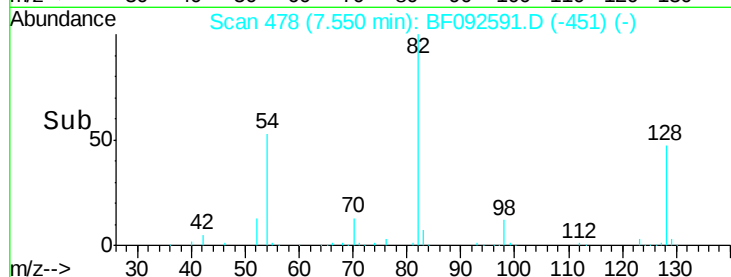
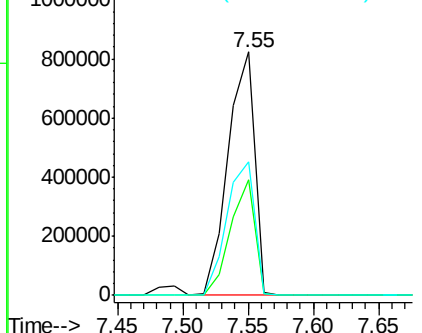
#23
 Nitrobenzene-d5
 Concen: 86.51 ng
 RT: 7.55 min Scan# 478
 Delta R.T. 0.01 min
 Lab File: BF092591.D
 Acq: 27 Jan 2017 22:21

Instrument :
 BNA_F
 ClientSampleId :
 CHA-SB-02-2-4MS

Tgt Ion: 82 Resp: 1157968
 Ion Ratio Lower Upper
 82 100
 128 47.3 34.6 52.0
 54 55.1 39.5 59.3

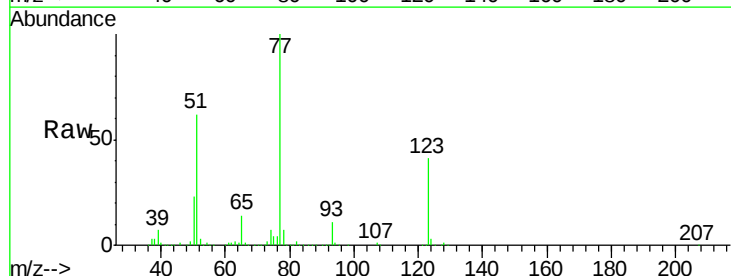


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

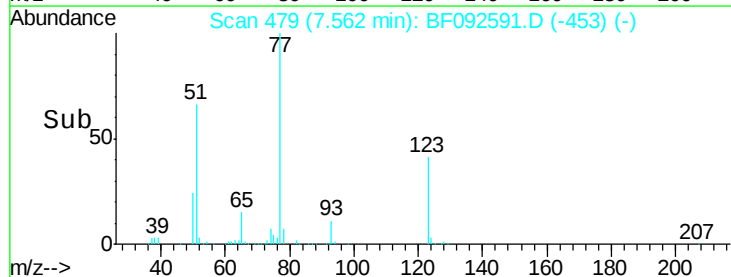
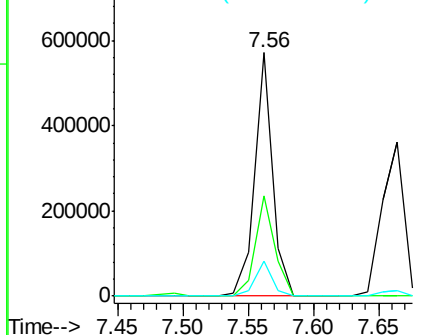


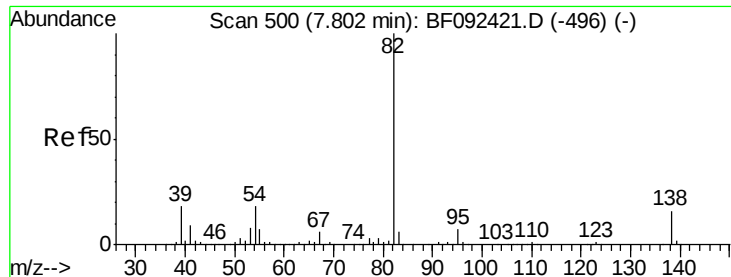
#24
 Nitrobenzene
 Concen: 38.76 ng
 RT: 7.56 min Scan# 479
 Delta R.T. -0.00 min
 Lab File: BF092591.D
 Acq: 27 Jan 2017 22:21

Tgt Ion: 77 Resp: 543505
 Ion Ratio Lower Upper
 77 100
 123 41.3 33.0 49.4
 65 14.2 11.2 16.8



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





#25

Isophorone

Concen: 40.26 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF092591.D

Acq: 27 Jan 2017 22:21

Instrument :

BNA_F

ClientSampleId :

CHA-SB-02-2-4MS

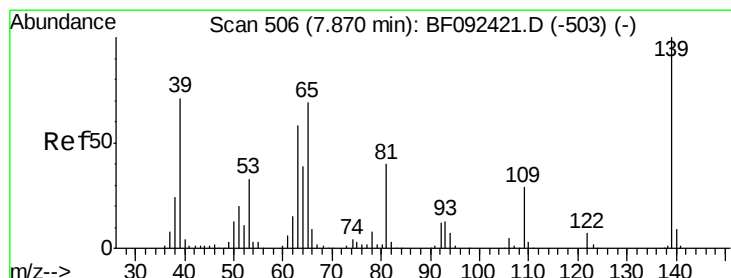
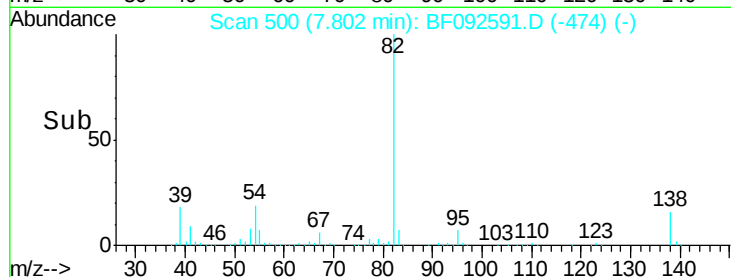
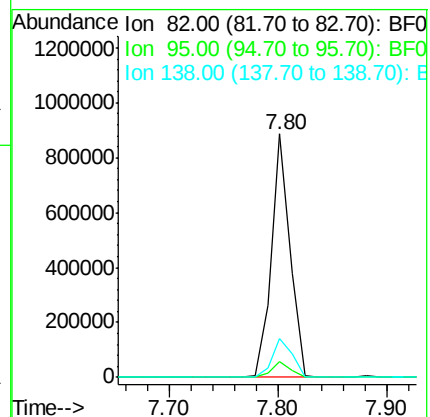
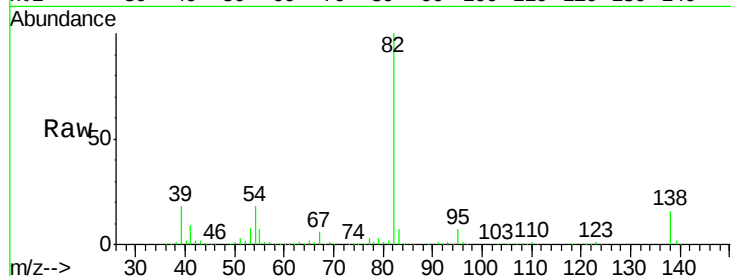
Tgt Ion: 82 Resp: 1061813

Ion Ratio Lower Upper

82 100

95 6.6 5.6 8.4

138 16.1 14.6 22.0



#26

2-Nitrophenol

Concen: 50.49 ng

RT: 7.88 min Scan# 507

Delta R.T. 0.01 min

Lab File: BF092591.D

Acq: 27 Jan 2017 22:21

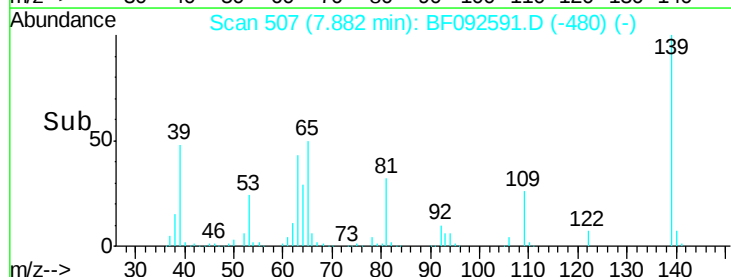
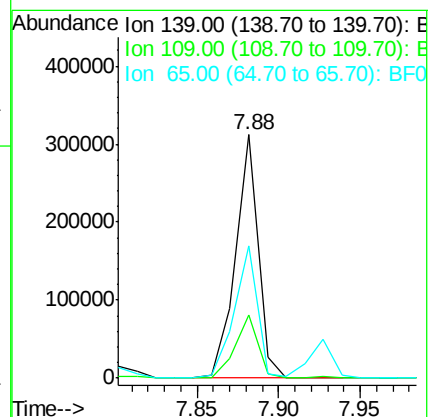
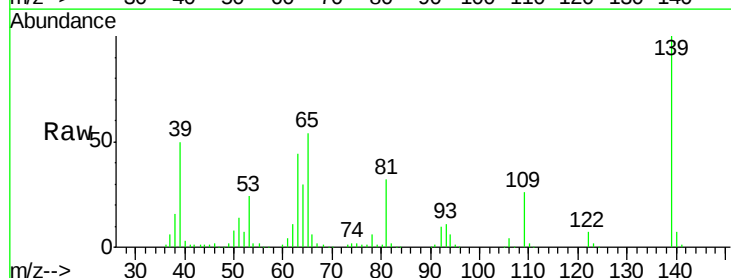
Tgt Ion: 139 Resp: 296691

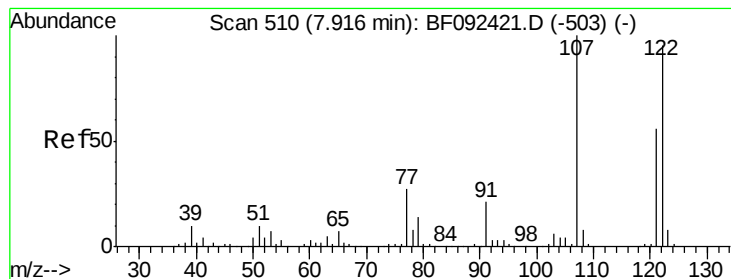
Ion Ratio Lower Upper

139 100

109 26.1 23.3 34.9

65 54.2 42.7 64.1

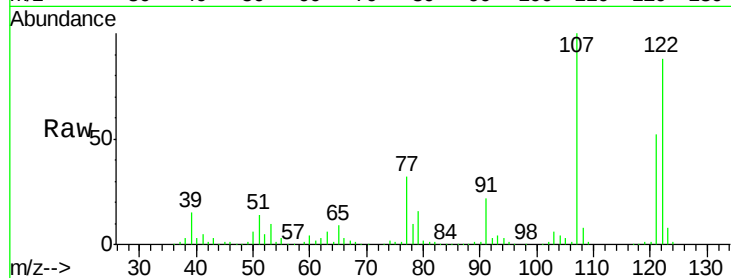




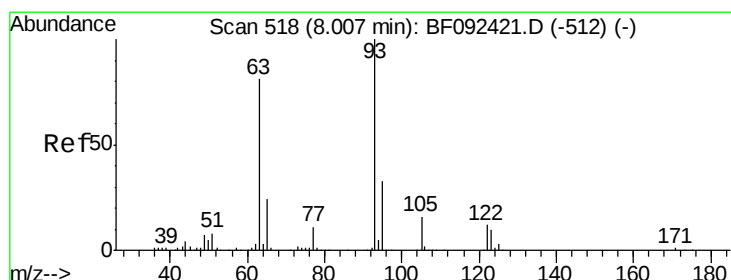
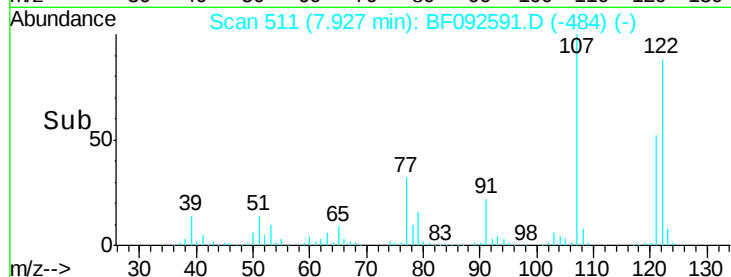
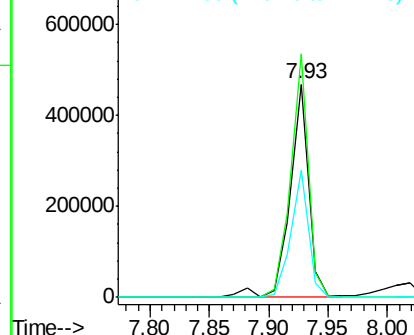
#27
 2,4-Dimethylphenol
 Concen: 41.63 ng
 RT: 7.93 min Scan# 511
 Delta R.T. 0.01 min
 Lab File: BF092591.D
 Acq: 27 Jan 2017 22:21

Instrument :
 BNA_F
 ClientSampleId :
 CHA-SB-02-2-4MS

Tgt Ion: 122 Resp: 508692
 Ion Ratio Lower Upper
 122 100
 107 114.1 94.1 141.1
 121 59.4 46.0 69.0

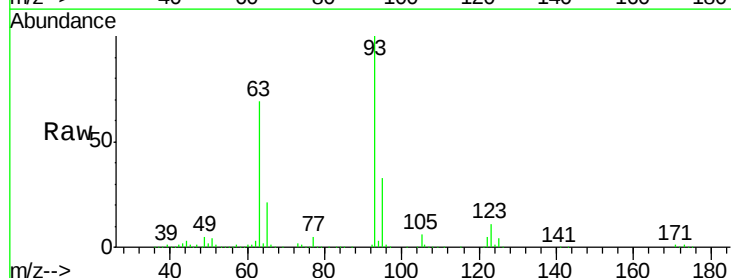


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

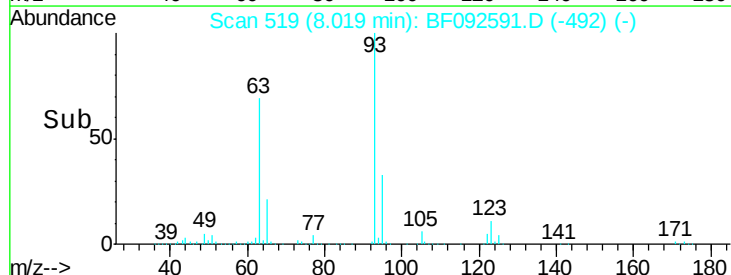
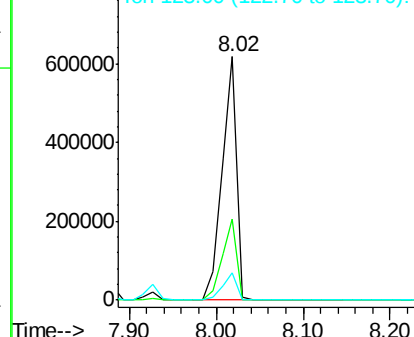


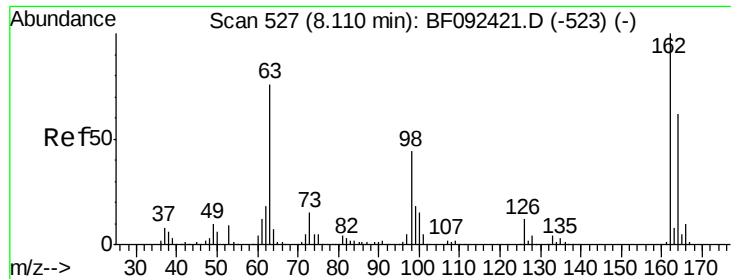
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.04 ng
 RT: 8.02 min Scan# 519
 Delta R.T. 0.01 min
 Lab File: BF092591.D
 Acq: 27 Jan 2017 22:21

Tgt Ion: 93 Resp: 727787
 Ion Ratio Lower Upper
 93 100
 95 33.4 26.5 39.7
 123 11.2 8.6 13.0



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

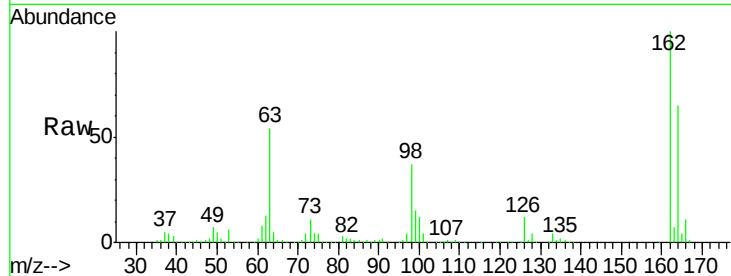




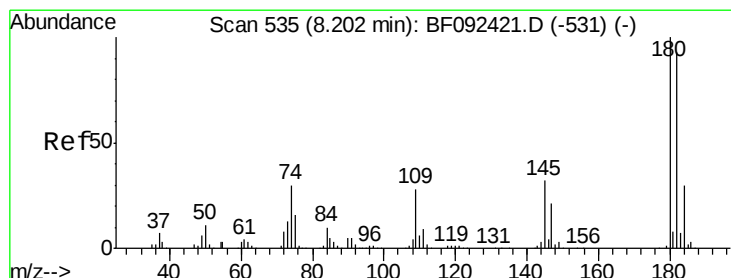
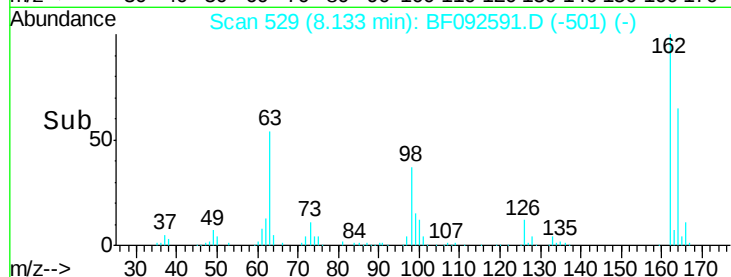
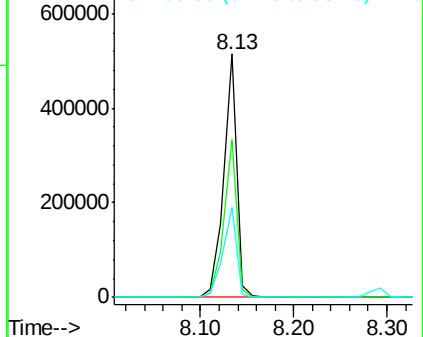
#29
2,4-Dichlorophenol
Concen: 46.66 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.02 min
Lab File: BF092591.D
Acq: 27 Jan 2017 22:21

Instrument :
BNA_F
ClientSampleId :
CHA-SB-02-2-4MS

Tgt Ion:162 Resp: 494336
Ion Ratio Lower Upper
162 100
164 64.7 46.8 86.8
98 37.0 9.1 49.1

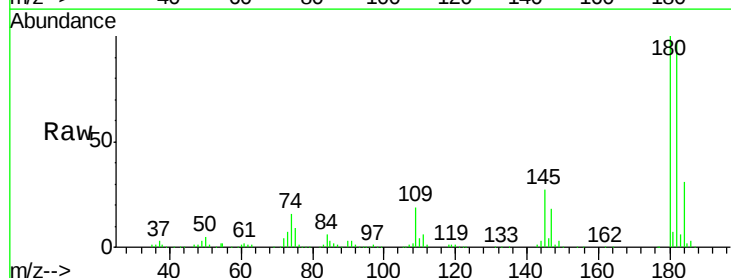


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

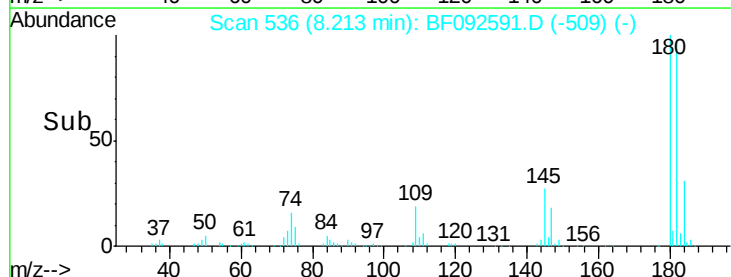
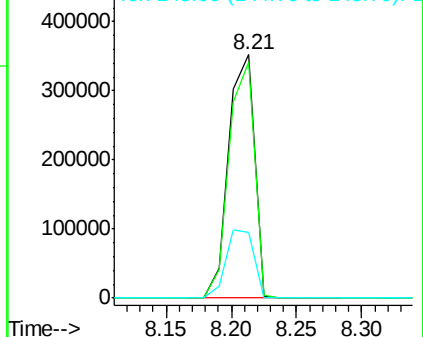


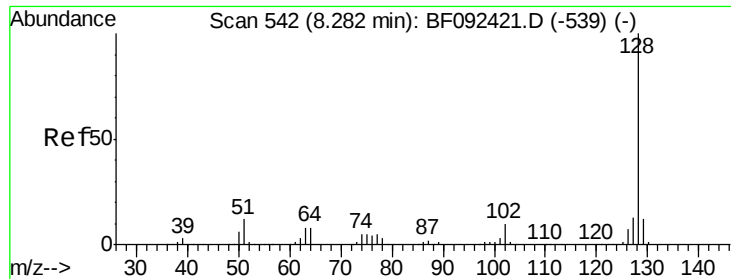
#30
1,2,4-Trichlorobenzene
Concen: 42.13 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.01 min
Lab File: BF092591.D
Acq: 27 Jan 2017 22:21

Tgt Ion:180 Resp: 482478
Ion Ratio Lower Upper
180 100
182 97.0 78.2 117.4
145 27.1 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

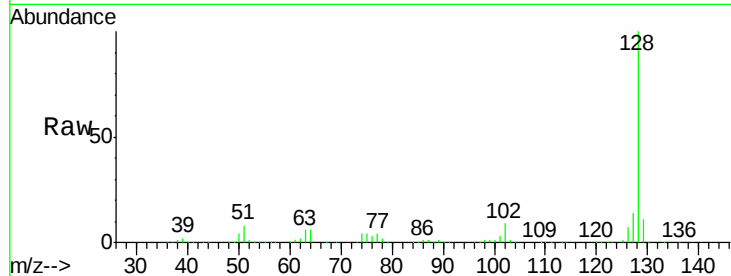




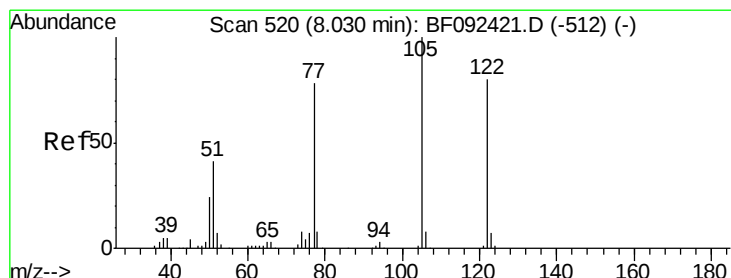
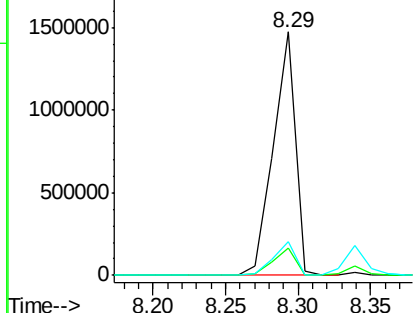
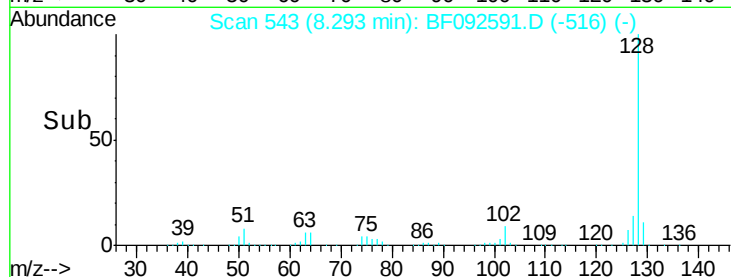
#31
Naphthalene
Concen: 41.73 ng
RT: 8.29 min Scan# 543
Delta R.T. 0.01 min
Lab File: BF092591.D
Acq: 27 Jan 2017 22:21

Instrument :
BNA_F
ClientSampleId :
CHA-SB-02-2-4MS

Tgt Ion:128 Resp: 1561816
Ion Ratio Lower Upper
128 100
129 11.1 9.5 14.3
127 13.9 10.8 16.2

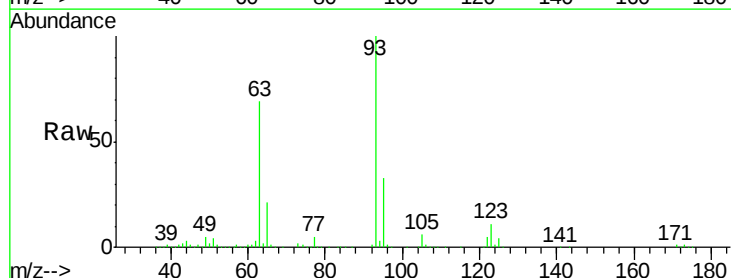


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

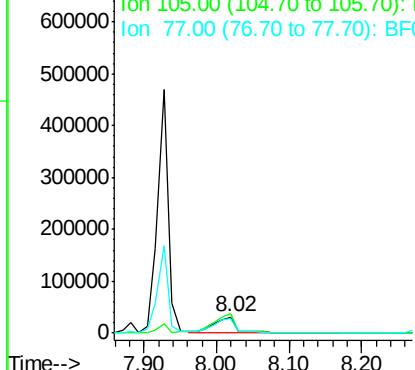
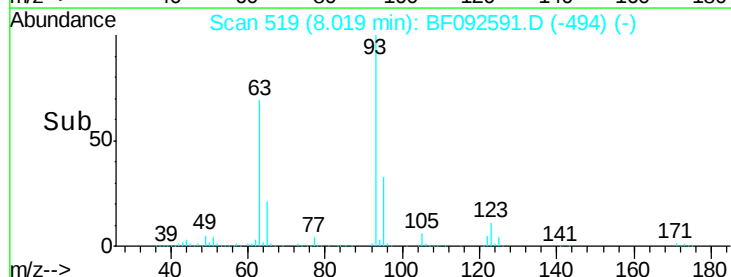


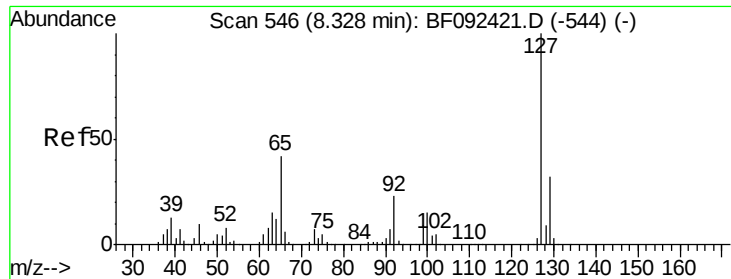
#32
Benzoic acid
Concen: 11.61 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF092591.D
Acq: 27 Jan 2017 22:21

Tgt Ion:122 Resp: 69980
Ion Ratio Lower Upper
122 100
105 124.1 107.2 147.2
77 92.9 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

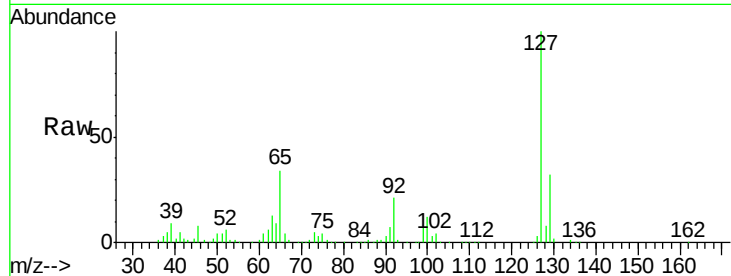




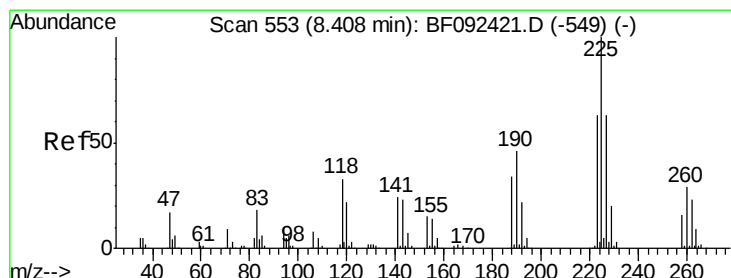
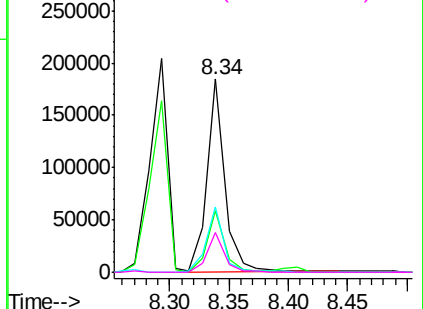
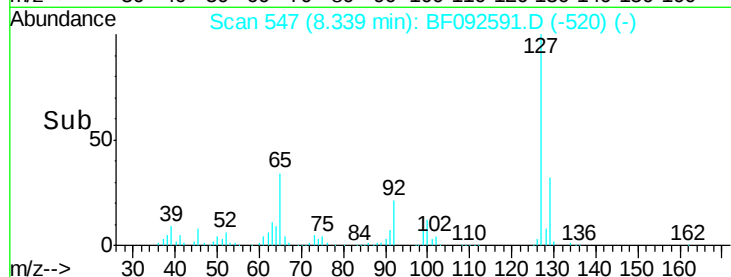
#33
 4-Chloroaniline
 Concen: 12.18 ng
 RT: 8.34 min Scan# 547
 Delta R.T. 0.01 min
 Lab File: BF092591.D
 Acq: 27 Jan 2017 22:21

Instrument :
 BNA_F
 ClientSampleId :
 CHA-SB-02-2-4MS

Tgt Ion:	127	Resp:	192794
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.3	39.5
65	34.2	25.8	38.8
92	20.8	16.1	24.1

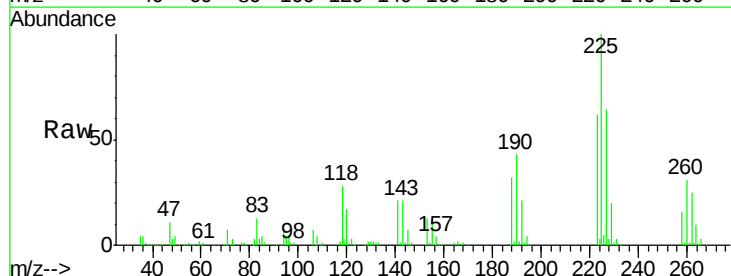


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

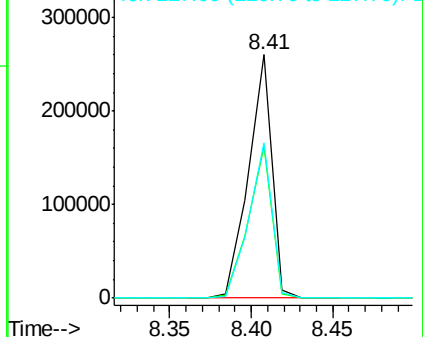
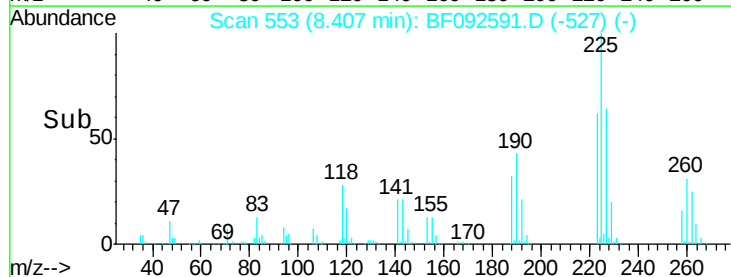


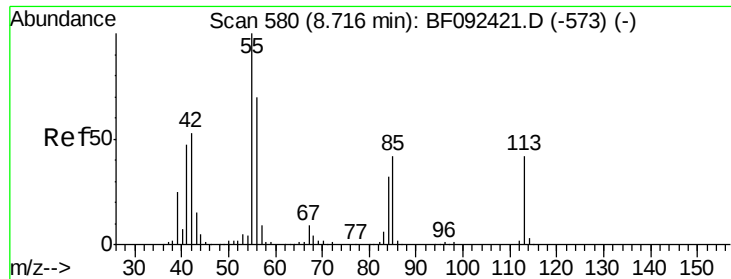
#34
 Hexachlorobutadiene
 Concen: 41.36 ng
 RT: 8.41 min Scan# 553
 Delta R.T. -0.00 min
 Lab File: BF092591.D
 Acq: 27 Jan 2017 22:21

Tgt Ion:	225	Resp:	259071
Ion	Ratio	Lower	Upper
225	100		
223	62.3	51.0	76.6
227	63.8	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

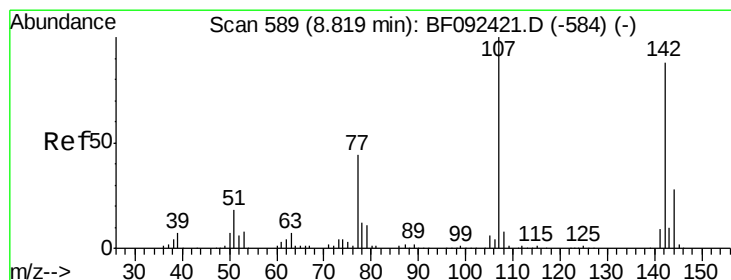
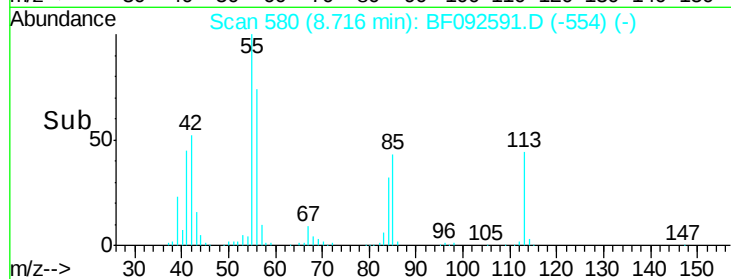
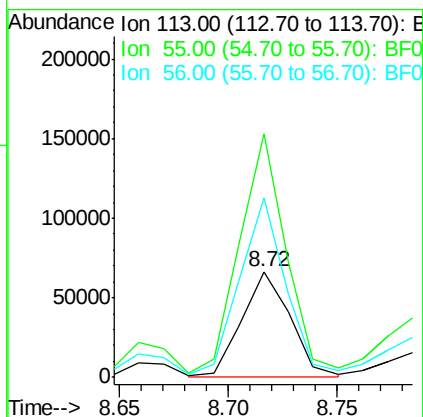
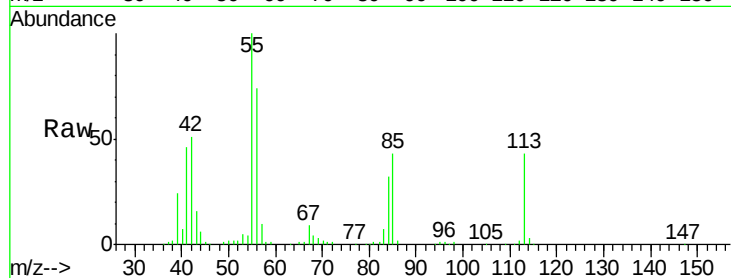




#35
 Caprolactam
 Concen: 29.03 ng
 RT: 8.72 min Scan# 580
 Delta R.T. -0.00 min
 Lab File: BF092591.D
 Acq: 27 Jan 2017 22:21

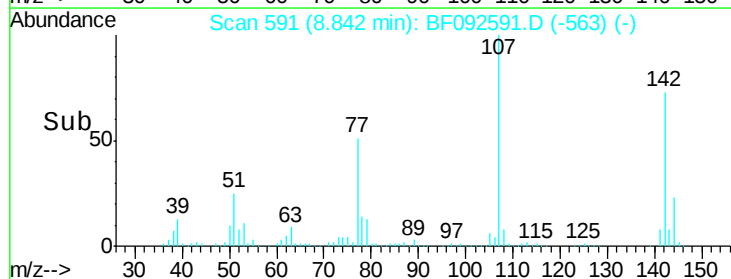
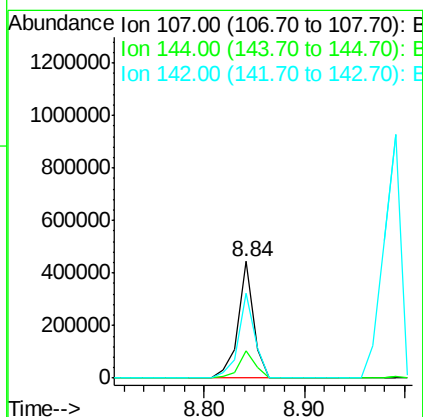
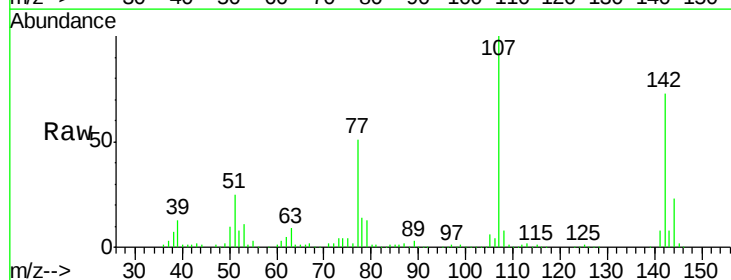
Instrument :
 BNA_F
 ClientSampleId :
 CHA-SB-02-2-4MS

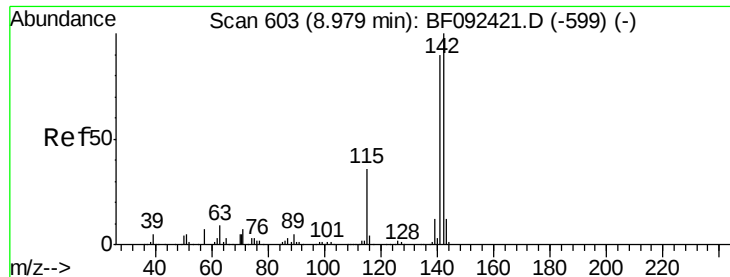
Tgt Ion:113 Resp: 102719
 Ion Ratio Lower Upper
 113 100
 55 230.6 119.2 159.2#
 56 169.9 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 42.31 ng
 RT: 8.84 min Scan# 591
 Delta R.T. 0.02 min
 Lab File: BF092591.D
 Acq: 27 Jan 2017 22:21

Tgt Ion:107 Resp: 483345
 Ion Ratio Lower Upper
 107 100
 144 22.9 19.3 28.9
 142 72.9 59.0 88.6

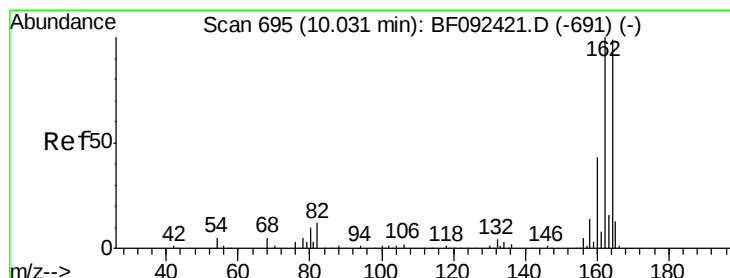
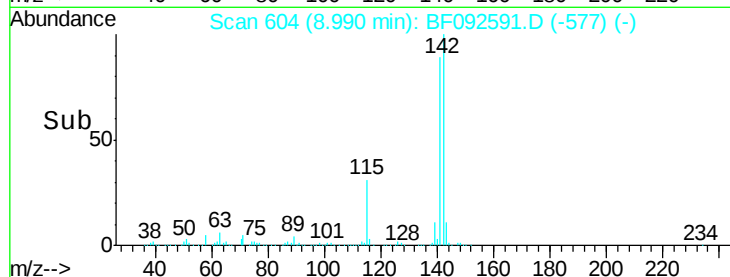
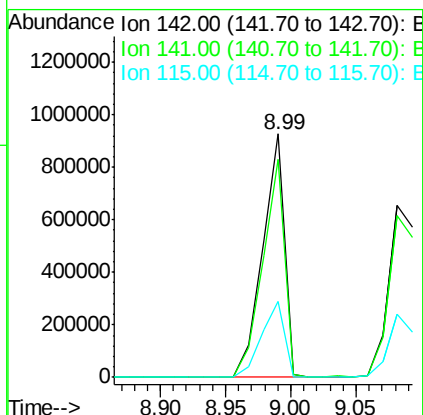
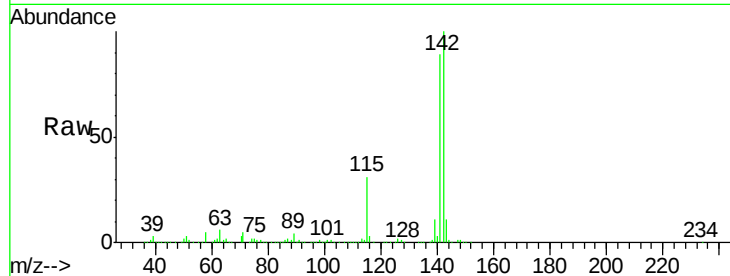




#37
 2-Methylnaphthalene
 Concen: 46.05 ng
 RT: 8.99 min Scan# 604
 Delta R.T. 0.01 min
 Lab File: BF092591.D
 Acq: 27 Jan 2017 22:21

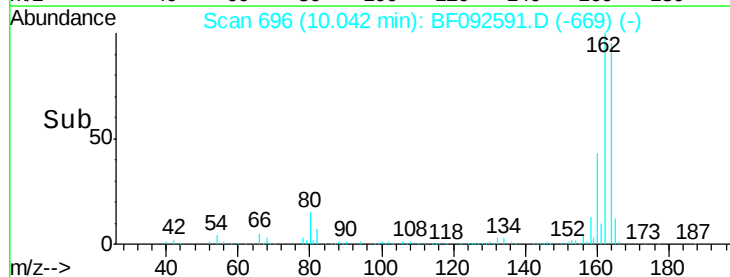
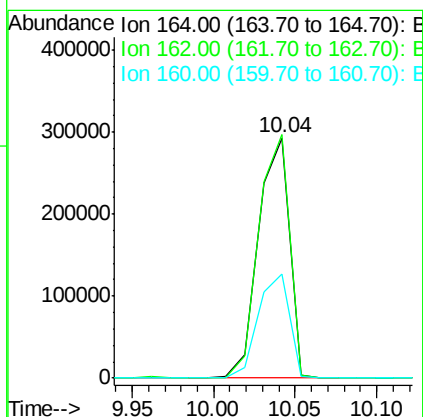
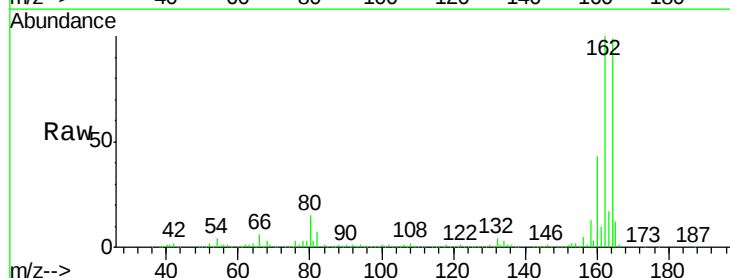
Instrument :
 BNA_F
 ClientSampleId :
 CHA-SB-02-2-4MS

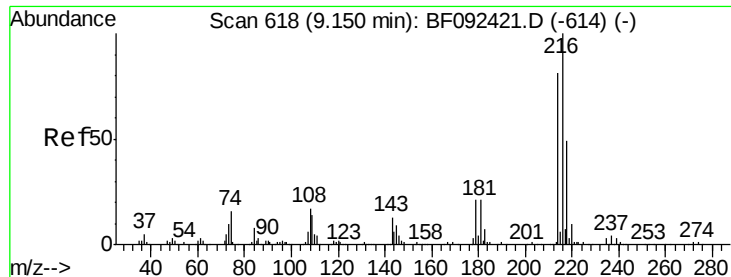
Tgt Ion:142 Resp: 1090953
 Ion Ratio Lower Upper
 142 100
 141 89.4 71.0 106.6
 115 31.0 28.3 42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.04 min Scan# 696
 Delta R.T. 0.01 min
 Lab File: BF092591.D
 Acq: 27 Jan 2017 22:21

Tgt Ion:164 Resp: 387634
 Ion Ratio Lower Upper
 164 100
 162 101.4 80.2 120.2
 160 43.1 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.19 ng

RT: 9.15 min Scan# 618

Delta R.T. -0.00 min

Lab File: BF092591.D

Acq: 27 Jan 2017 22:21

Instrument :

BNA_F

ClientSampleId :

CHA-SB-02-2-4MS

Tgt Ion:216 Resp: 451675

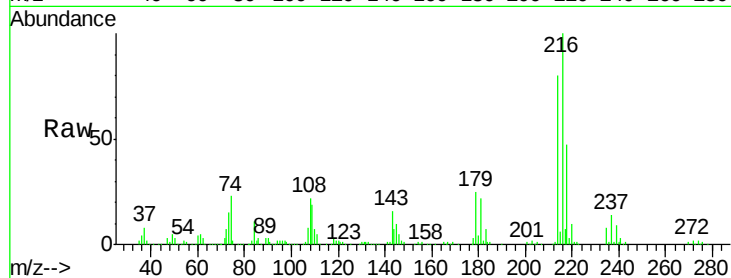
Ion Ratio Lower Upper

216 100

214 79.4 63.4 95.0

179 21.9 17.4 26.2

108 20.2 15.6 23.4

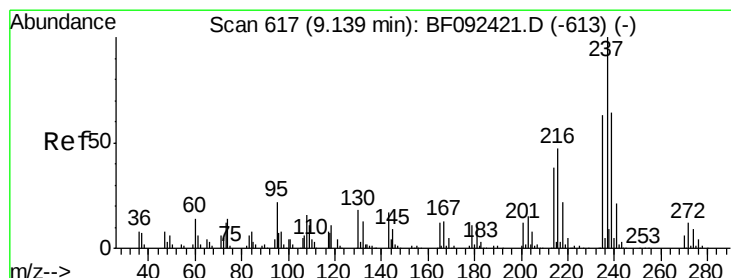
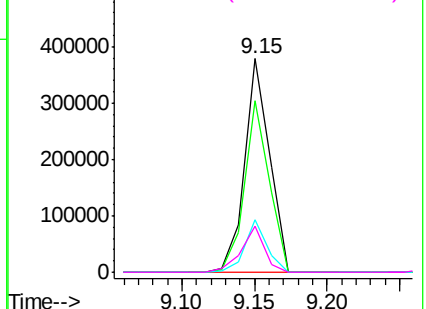
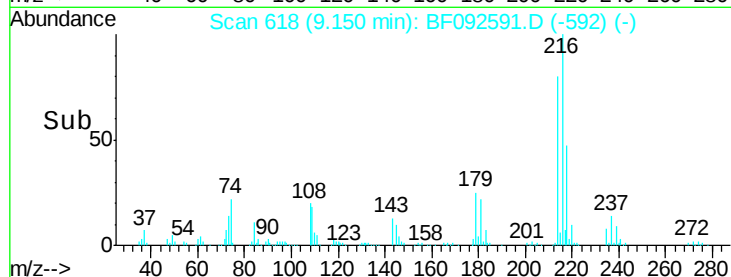


Abundance Ion 216.00 (215.70 to 216.70): E

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: 71.61 ng

RT: 9.14 min Scan# 617

Delta R.T. -0.00 min

Lab File: BF092591.D

Acq: 27 Jan 2017 22:21

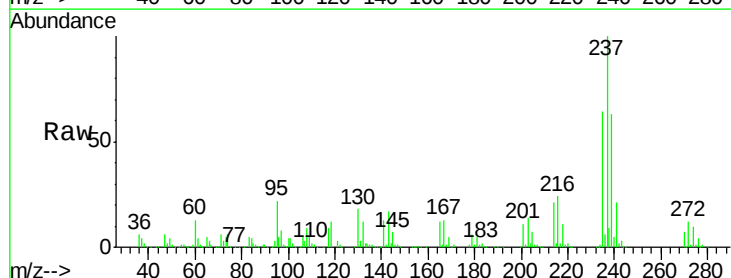
Tgt Ion:237 Resp: 350668

Ion Ratio Lower Upper

237 100

235 63.7 41.2 81.2

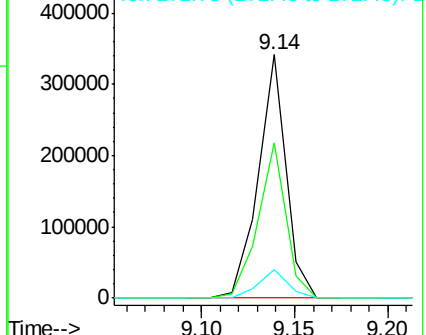
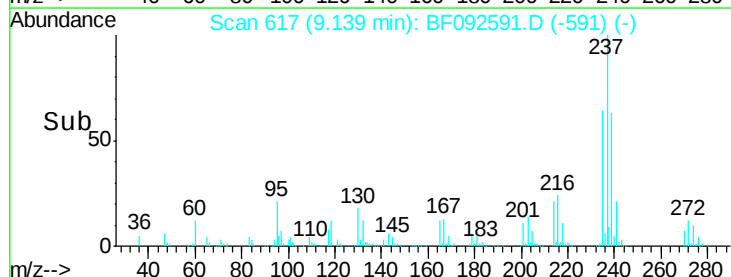
272 11.9 0.0 35.4

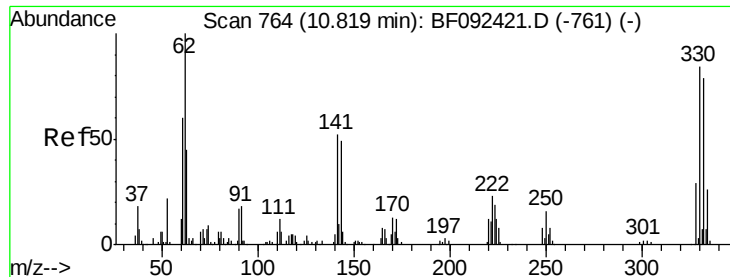


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

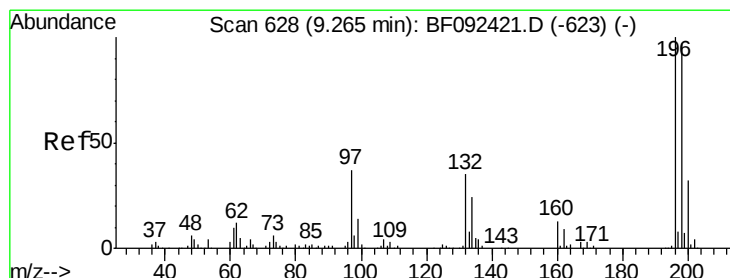
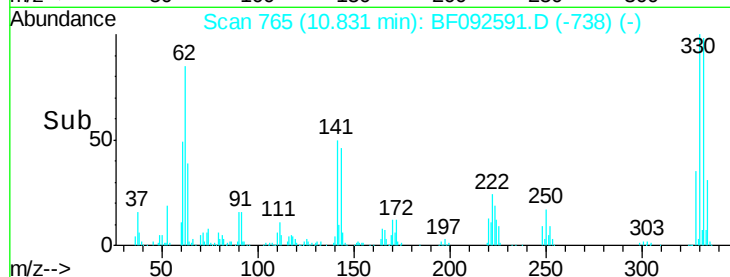
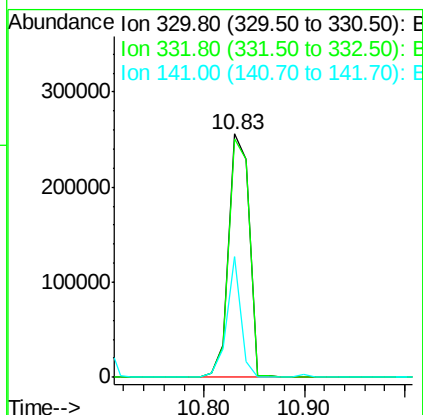
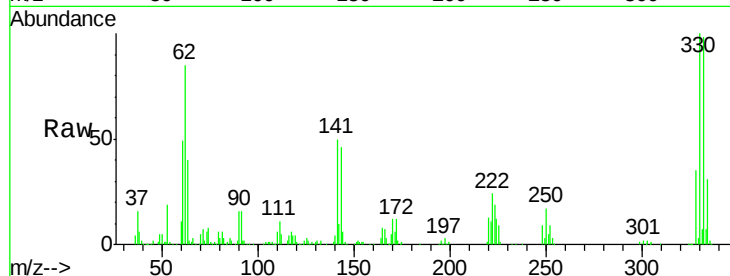




#41
 2,4,6-Tribromophenol
 Concen: 137.81 ng
 RT: 10.83 min Scan# 765
 Delta R.T. 0.01 min
 Lab File: BF092591.D
 Acq: 27 Jan 2017 22:21

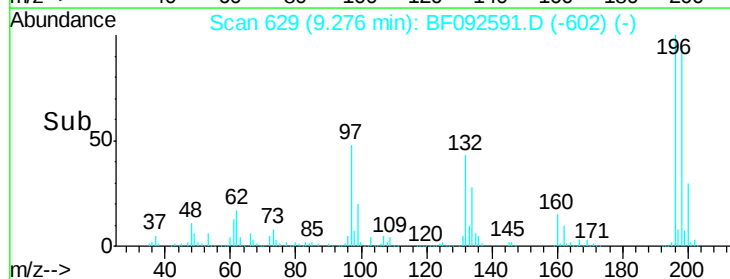
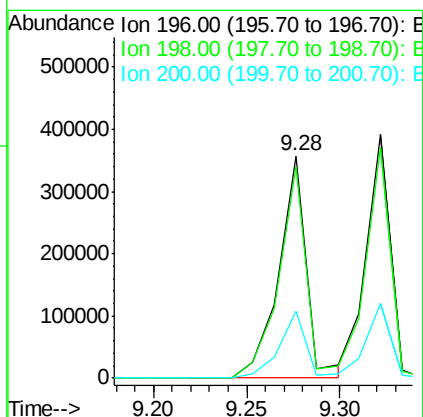
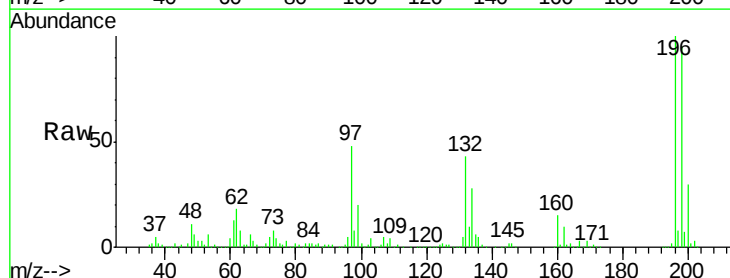
Instrument :
 BNA_F
 ClientSampleId :
 CHA-SB-02-2-4MS

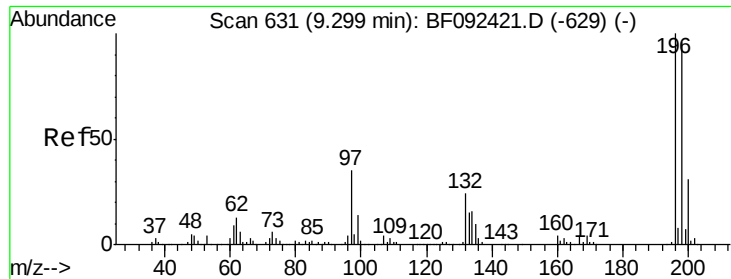
Tgt Ion:330 Resp: 364029
 Ion Ratio Lower Upper
 330 100
 332 98.8 77.4 116.2
 141 34.2 34.1 51.1



#42
 2,4,6-Trichlorophenol
 Concen: 49.11 ng
 RT: 9.28 min Scan# 629
 Delta R.T. 0.01 min
 Lab File: BF092591.D
 Acq: 27 Jan 2017 22:21

Tgt Ion:196 Resp: 367877
 Ion Ratio Lower Upper
 196 100
 198 95.4 82.1 123.1
 200 30.1 27.0 40.4

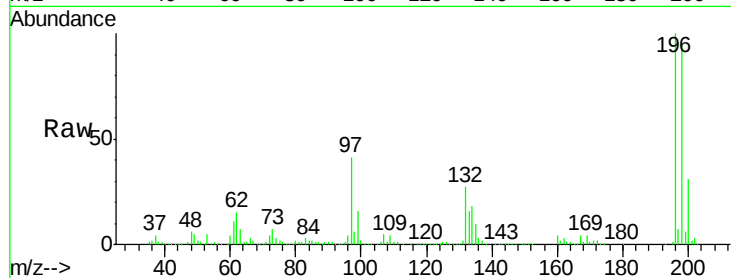




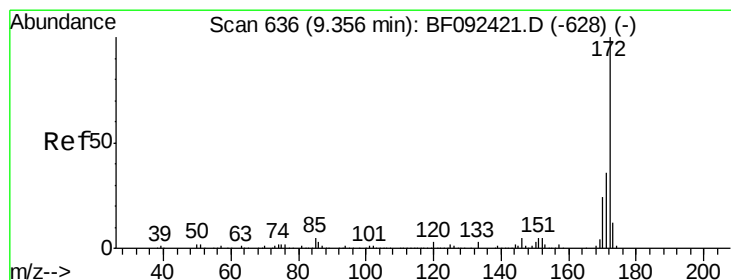
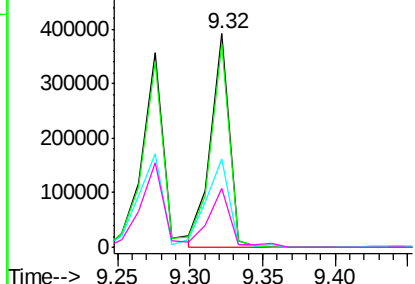
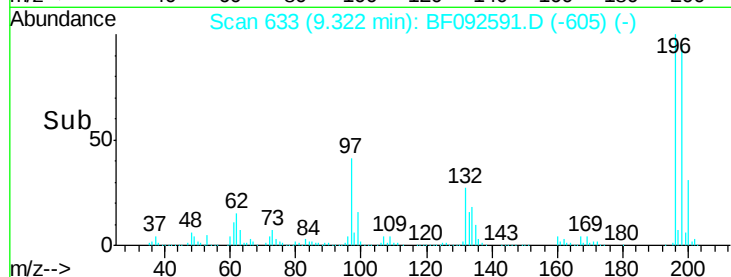
#43
 2,4,5-Trichlorophenol
 Concen: 50.97 ng
 RT: 9.32 min Scan# 633
 Delta R.T. 0.02 min
 Lab File: BF092591.D
 Acq: 27 Jan 2017 22:21

Instrument :
 BNA_F
 ClientSampleId :
 CHA-SB-02-2-4MS

Tgt Ion:196 Resp: 349412
 Ion Ratio Lower Upper
 196 100
 198 95.1 79.4 119.2
 97 41.1 51.5 77.3#
 132 27.5 27.4 41.2

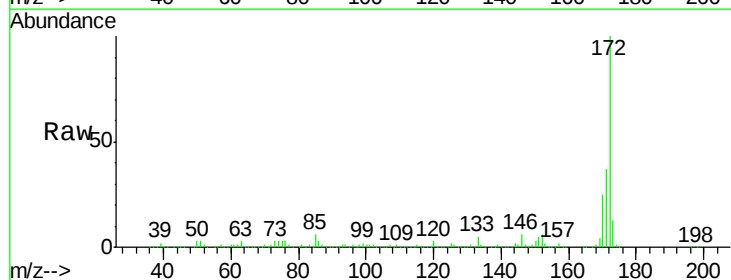


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

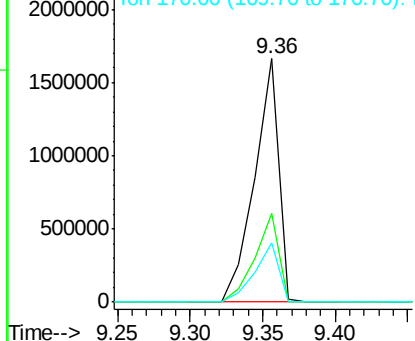
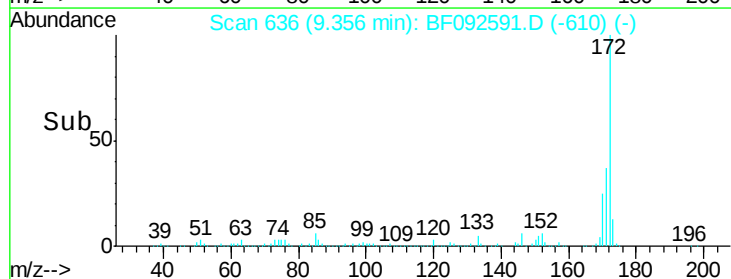


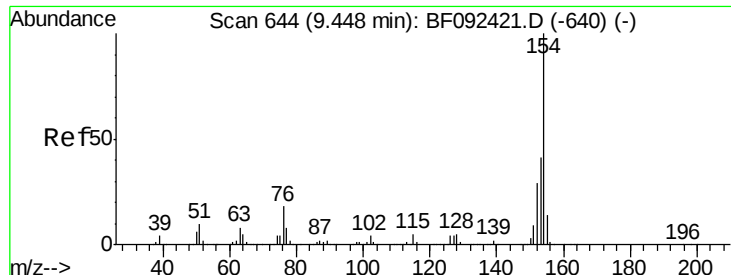
#44
 2-Fluorobiphenyl
 Concen: 91.43 ng
 RT: 9.36 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: BF092591.D
 Acq: 27 Jan 2017 22:21

Tgt Ion:172 Resp: 1916718
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 24.5 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

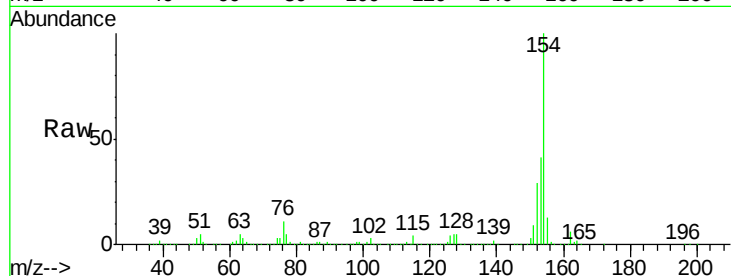




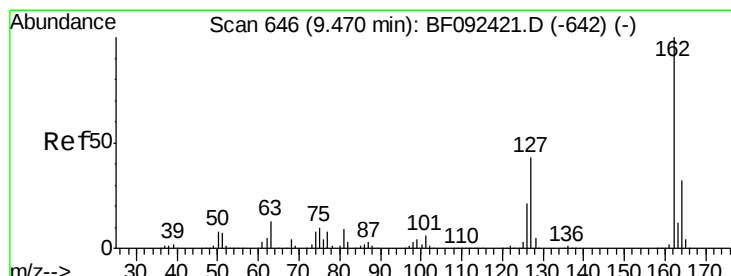
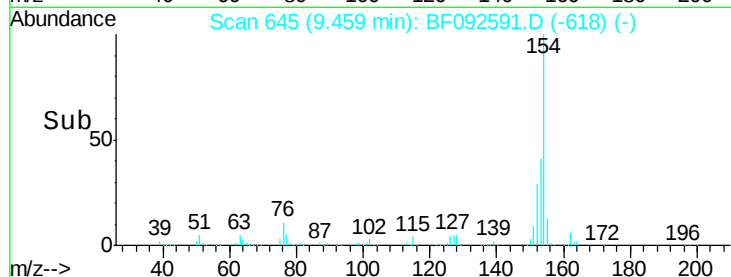
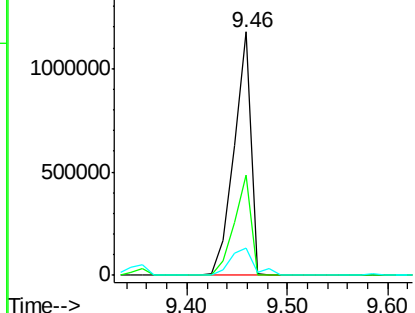
#45
 1,1'-Biphenyl
 Concen: 48.78 ng
 RT: 9.46 min Scan# 645
 Delta R.T. 0.01 min
 Lab File: BF092591.D
 Acq: 27 Jan 2017 22:21

Instrument :
 BNA_F
 ClientSampleId :
 CHA-SB-02-2-4MS

Tgt Ion:154 Resp: 1366831
 Ion Ratio Lower Upper
 154 100
 153 41.0 20.9 60.9
 76 11.0 0.0 30.5

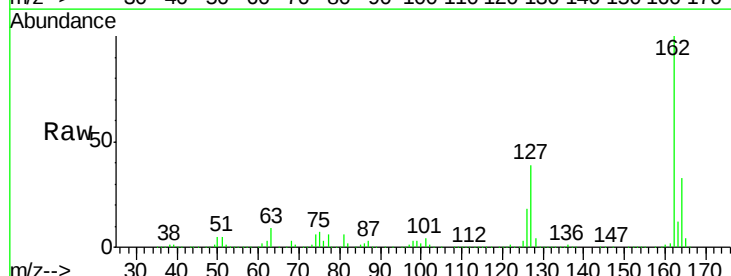


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

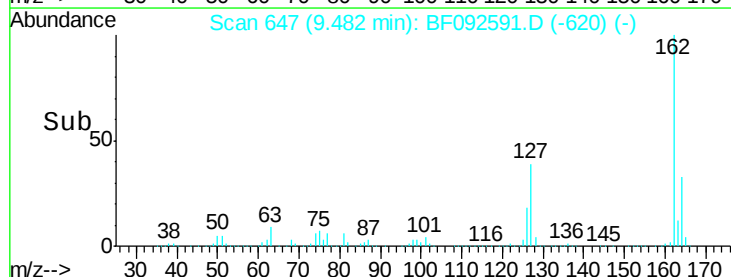
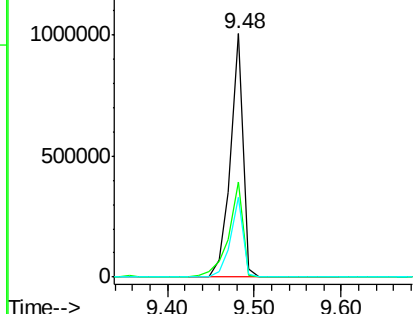


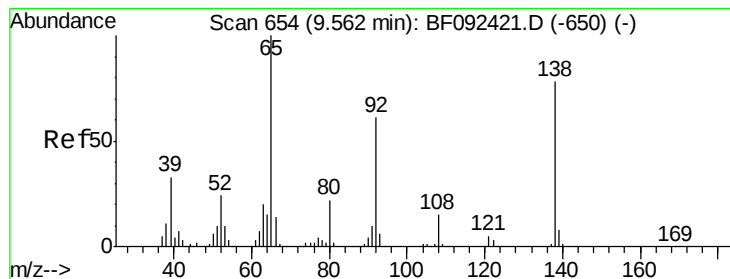
#46
 2-Chloronaphthalene
 Concen: 43.99 ng
 RT: 9.48 min Scan# 647
 Delta R.T. 0.01 min
 Lab File: BF092591.D
 Acq: 27 Jan 2017 22:21

Tgt Ion:162 Resp: 1006891
 Ion Ratio Lower Upper
 162 100
 127 38.8 30.7 46.1
 164 32.9 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: 48.01 ng

RT: 9.58 min Scan# 656

Delta R.T. 0.02 min

Lab File: BF092591.D

Acq: 27 Jan 2017 22:21

Instrument :

BNA_F

ClientSampleId :

CHA-SB-02-2-4MS

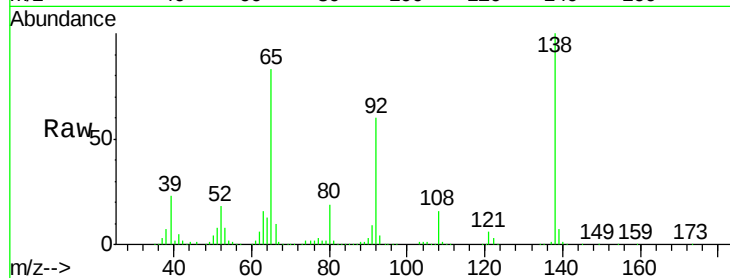
Tgt Ion: 65 Resp: 370052

Ion Ratio Lower Upper

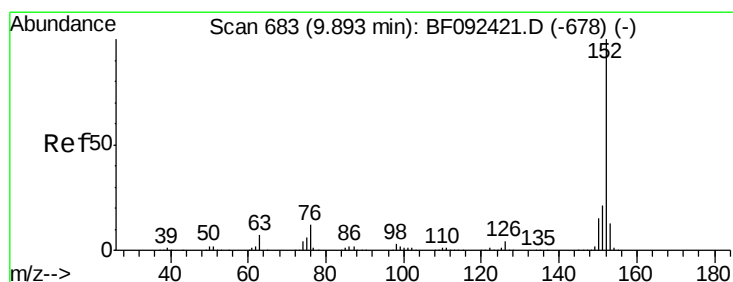
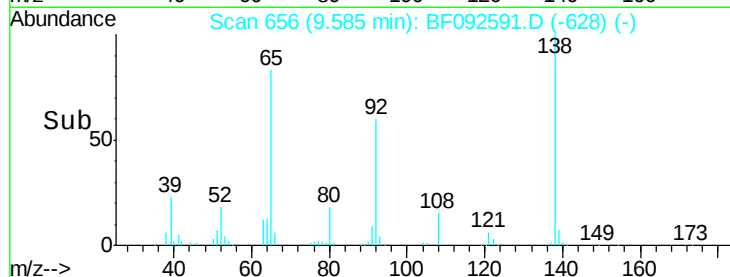
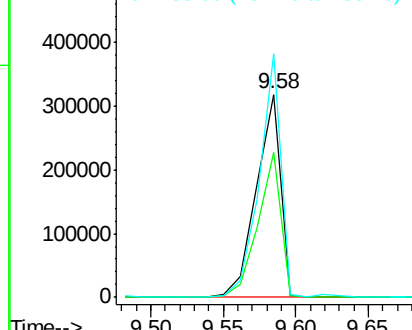
65 100

92 71.6 53.9 80.9

138 120.1 76.8 115.2#



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



#48

Acenaphthylene

Concen: 47.59 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.01 min

Lab File: BF092591.D

Acq: 27 Jan 2017 22:21

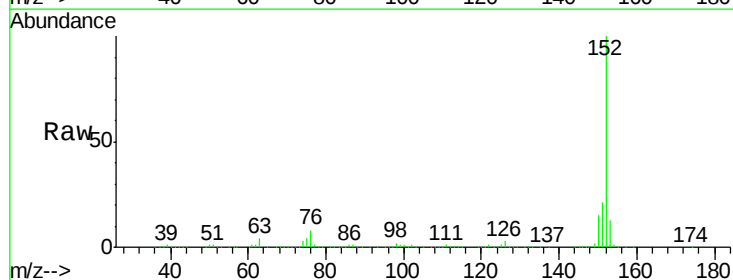
Tgt Ion: 152 Resp: 1597566

Ion Ratio Lower Upper

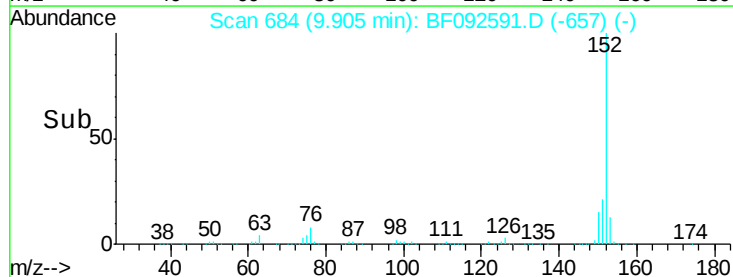
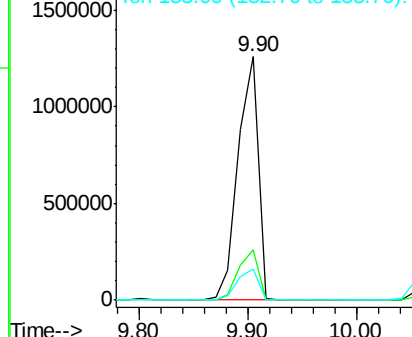
152 100

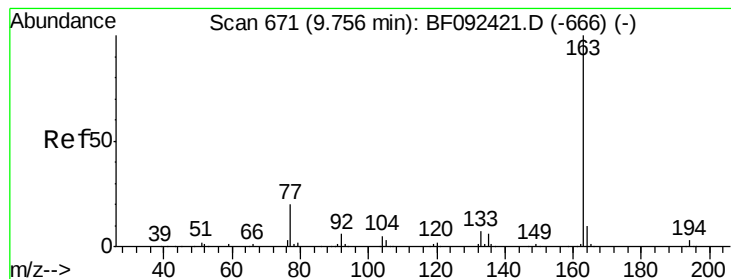
151 20.6 16.9 25.3

153 12.8 11.4 17.2



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





#49

Dimethylphthalate

Concen: 66.21 ng

RT: 9.77 min Scan# 672

Delta R.T. 0.01 min

Lab File: BF092591.D

Acq: 27 Jan 2017 22:21

Instrument :

BNA_F

ClientSampleId :

CHA-SB-02-2-4MS

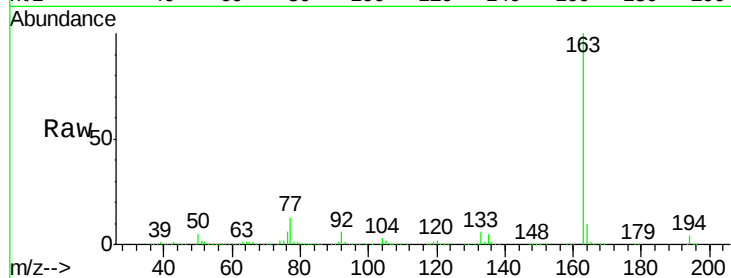
Tgt Ion:163 Resp: 1632071

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.4

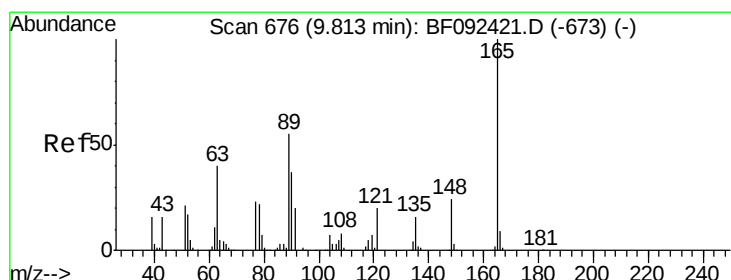
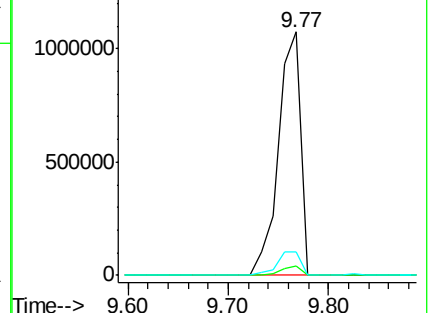
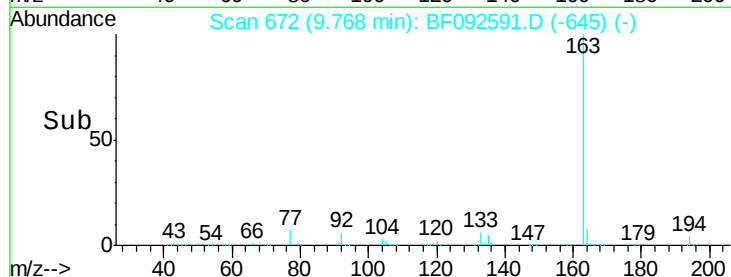
164 9.6 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 52.93 ng

RT: 9.82 min Scan# 677

Delta R.T. 0.01 min

Lab File: BF092591.D

Acq: 27 Jan 2017 22:21

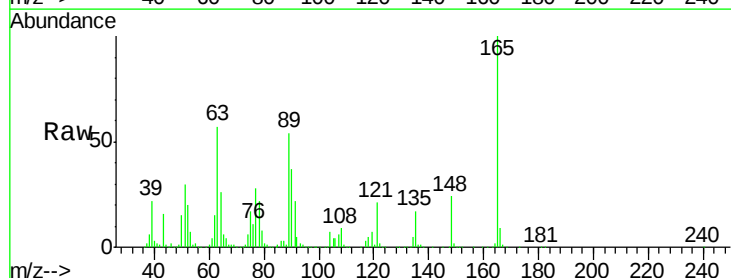
Tgt Ion:165 Resp: 266704

Ion Ratio Lower Upper

165 100

63 57.3 36.2 54.4#

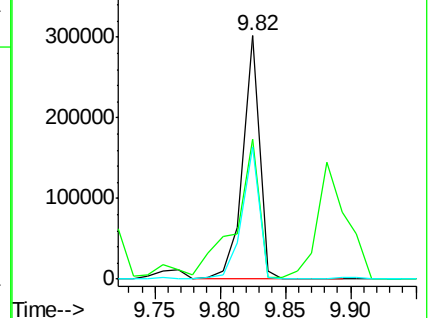
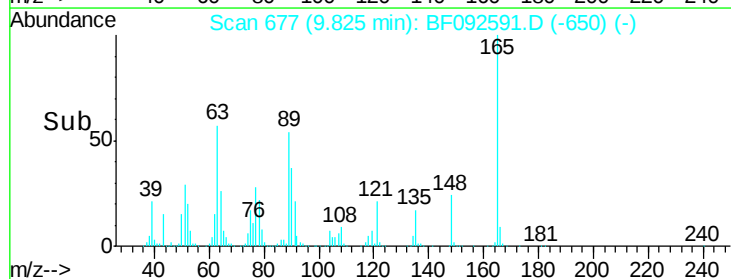
89 54.1 40.2 60.4

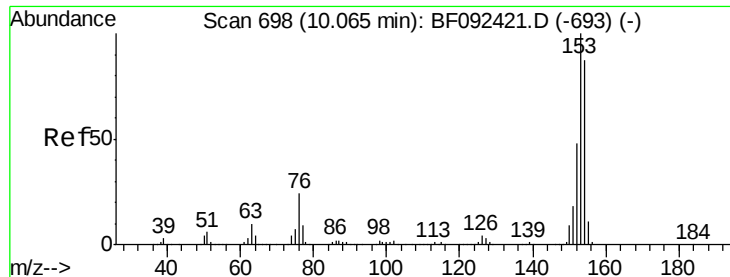


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 48.55 ng

RT: 10.08 min Scan# 699

Delta R.T. 0.01 min

Lab File: BF092591.D

Acq: 27 Jan 2017 22:21

Instrument :

BNA_F

ClientSampleId :

CHA-SB-02-2-4MS

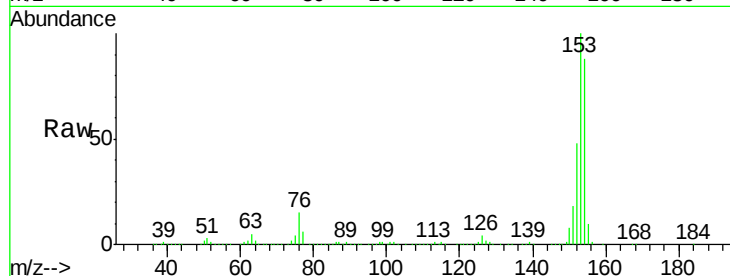
Tgt Ion:154 Resp: 1012759

Ion Ratio Lower Upper

154 100

153 114.2 88.6 133.0

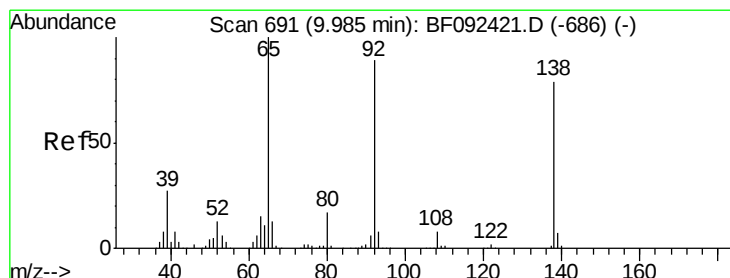
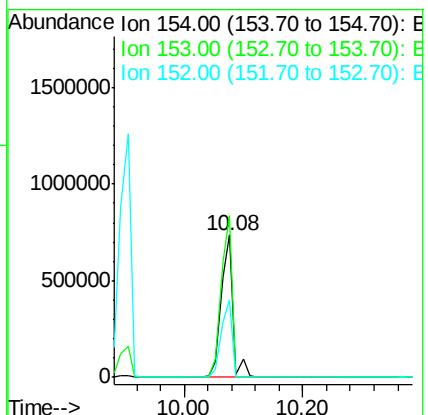
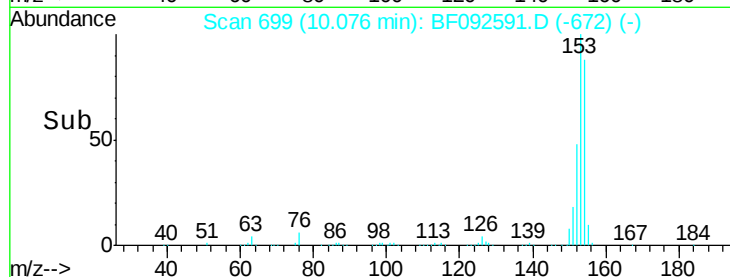
152 54.3 41.6 62.4



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: 29.01 ng

RT: 10.00 min Scan# 692

Delta R.T. 0.01 min

Lab File: BF092591.D

Acq: 27 Jan 2017 22:21

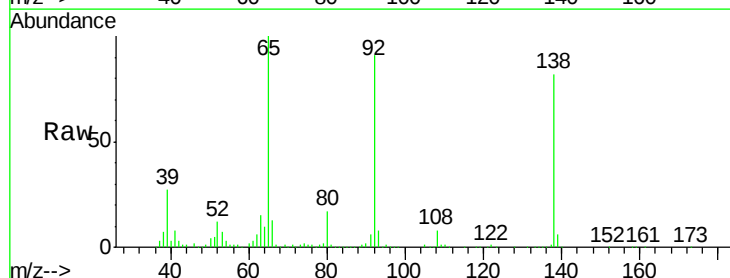
Tgt Ion:138 Resp: 183028

Ion Ratio Lower Upper

138 100

108 10.2 8.5 12.7

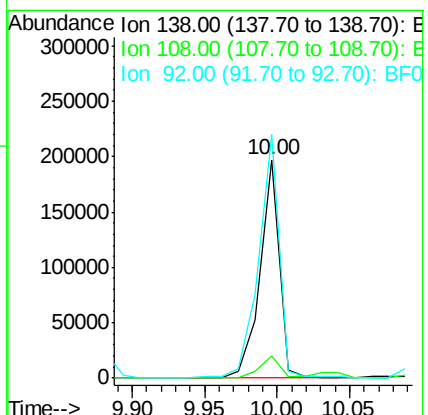
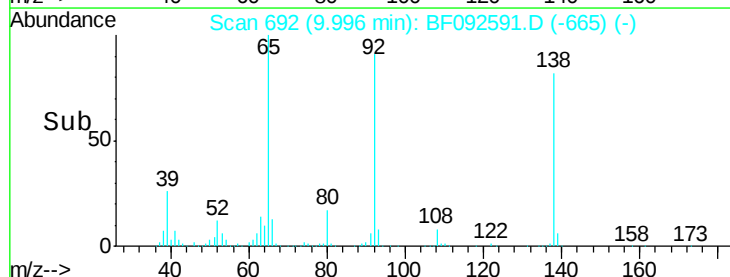
92 111.5 97.8 146.8

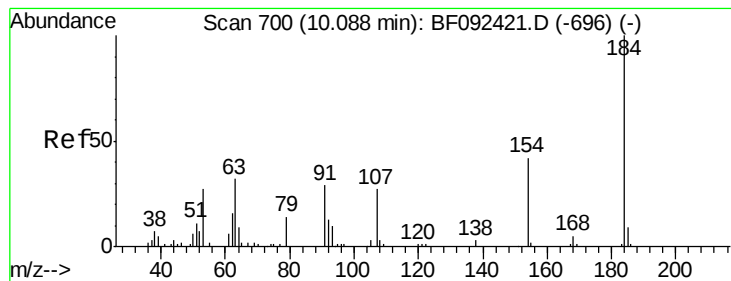


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 52.87 ng

RT: 10.10 min Scan# 701

Delta R.T. 0.01 min

Lab File: BF092591.D

Acq: 27 Jan 2017 22:21

Instrument :

BNA_F

ClientSampleId :

CHA-SB-02-2-4MS

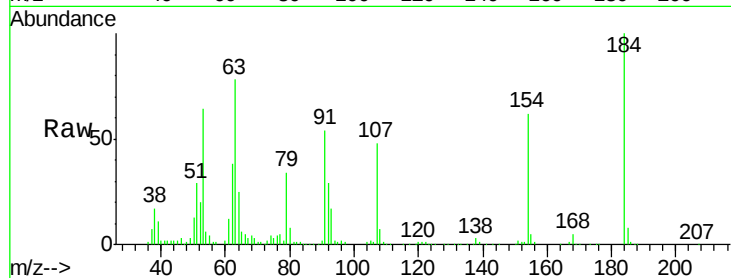
Tgt Ion:184 Resp: 138187

Ion Ratio Lower Upper

184 100

63 78.3 28.4 42.6#

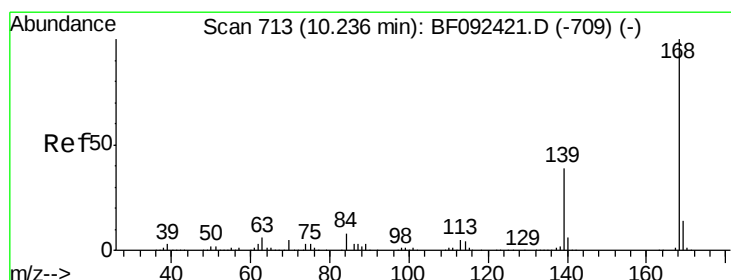
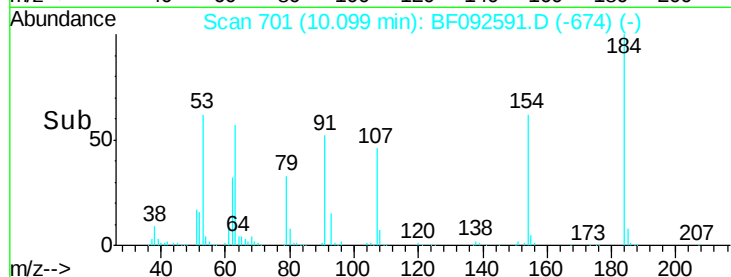
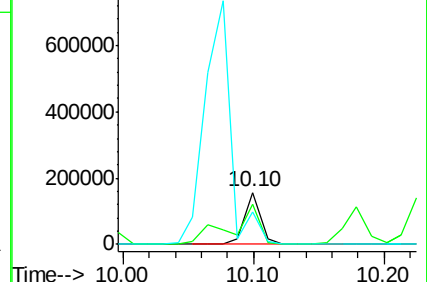
154 62.1 44.3 66.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 49.96 ng

RT: 10.25 min Scan# 714

Delta R.T. 0.01 min

Lab File: BF092591.D

Acq: 27 Jan 2017 22:21

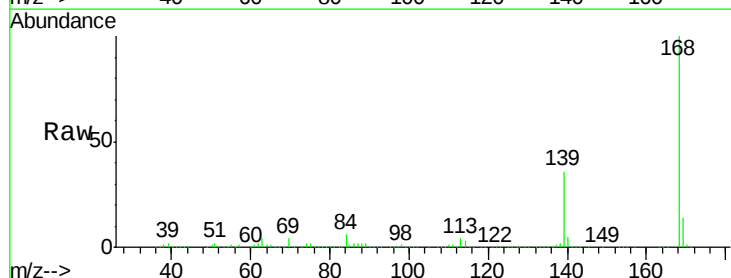
Tgt Ion:168 Resp: 1414906

Ion Ratio Lower Upper

168 100

139 35.7 32.6 49.0

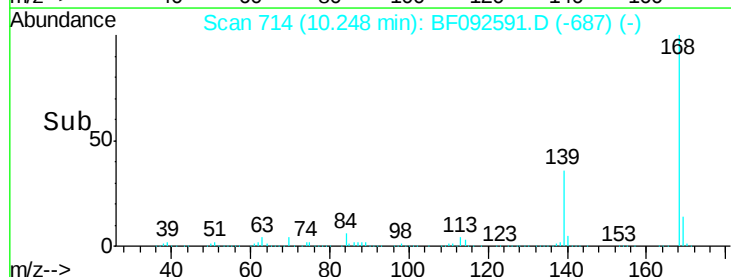
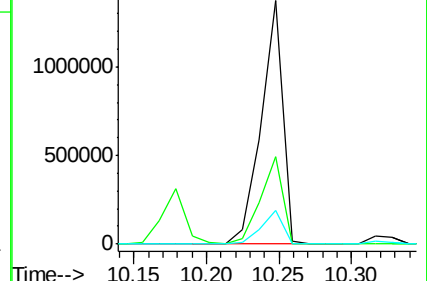
169 13.6 11.3 16.9

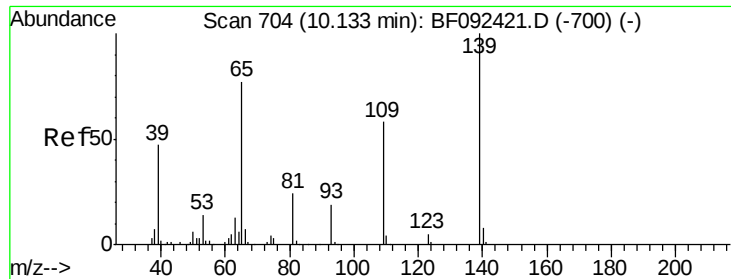


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

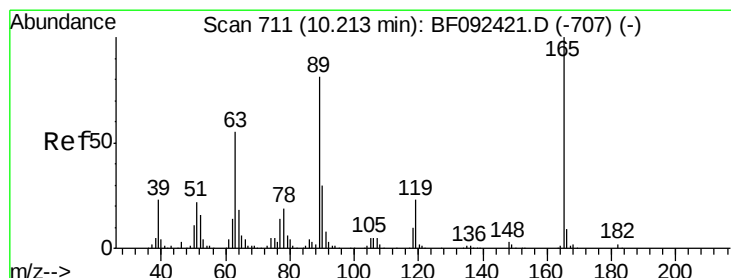
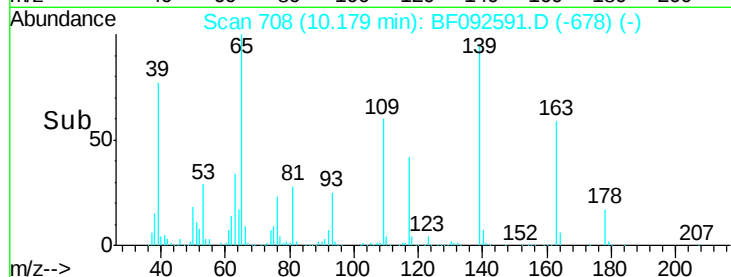
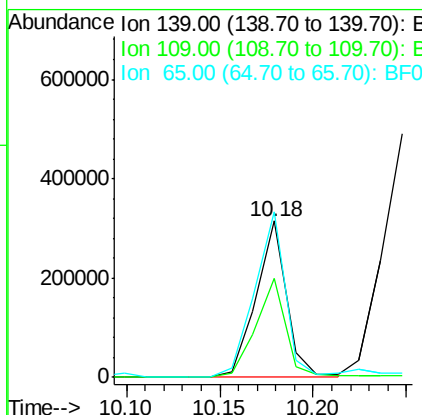
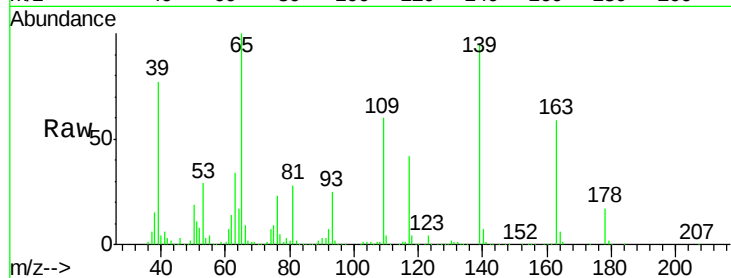




#55
4-Nitrophenol
Concen: 71.34 ng
RT: 10.18 min Scan# 708
Delta R.T. 0.05 min
Lab File: BF092591.D
Acq: 27 Jan 2017 22:21

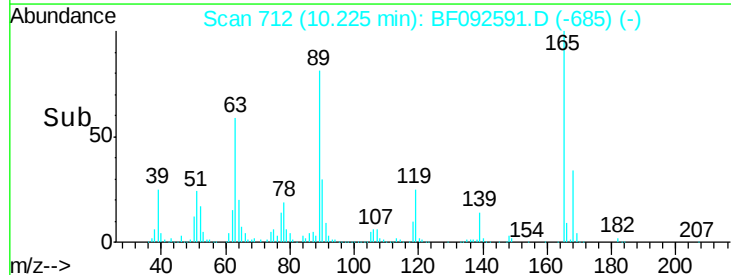
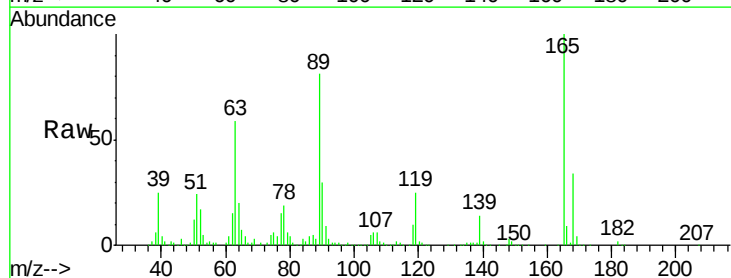
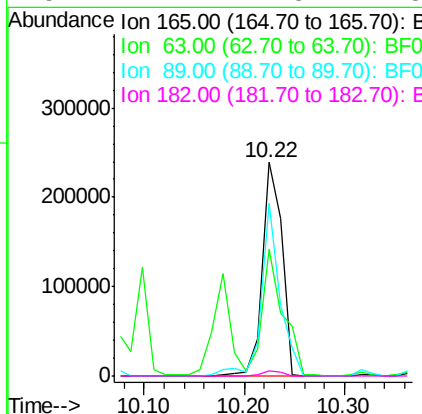
Instrument :
BNA_F
ClientSampleId :
CHA-SB-02-2-4MS

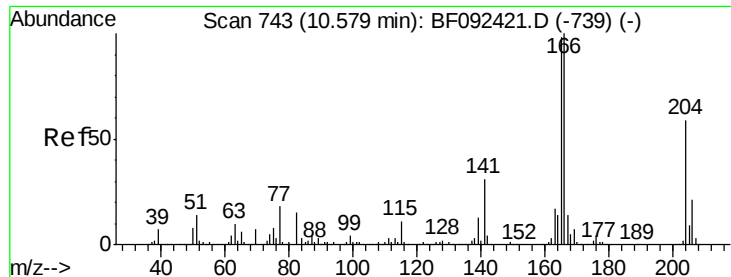
Tgt Ion:139 Resp: 357509
Ion Ratio Lower Upper
139 100
109 63.5 52.2 92.2
65 105.5 85.8 125.8



#56
2,4-Dinitrotoluene
Concen: 48.10 ng
RT: 10.22 min Scan# 712
Delta R.T. 0.01 min
Lab File: BF092591.D
Acq: 27 Jan 2017 22:21

Tgt Ion:165 Resp: 321675
Ion Ratio Lower Upper
165 100
63 59.4 40.2 60.4
89 81.1 62.5 93.7
182 2.2 1.8 2.8





#57

Fluorene

Concen: 50.51 ng

RT: 10.59 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF092591.D

Acq: 27 Jan 2017 22:21

Instrument :

BNA_F

ClientSampleId :

CHA-SB-02-2-4MS

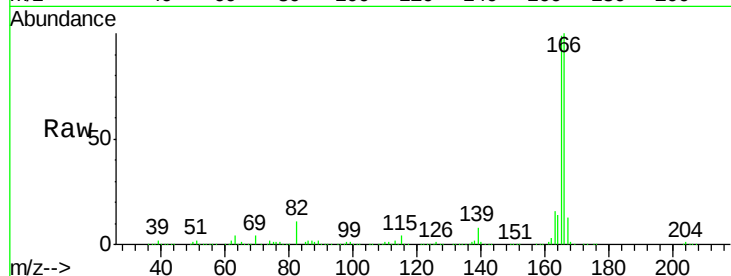
Tgt Ion:166 Resp: 1060686

Ion Ratio Lower Upper

166 100

165 99.1 77.8 116.8

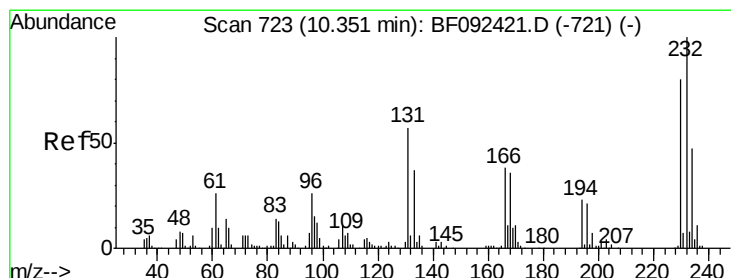
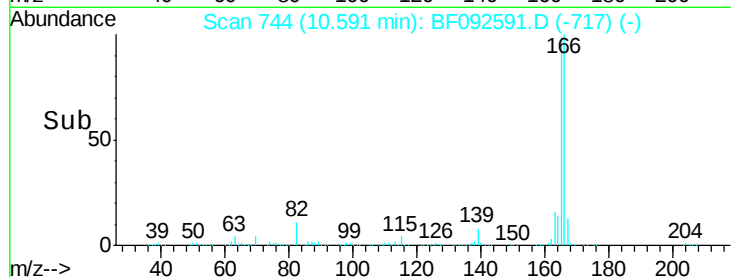
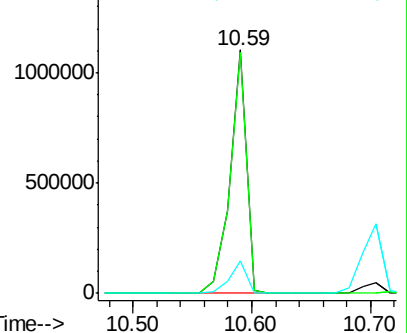
167 13.3 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.34 ng

RT: 10.36 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF092591.D

Acq: 27 Jan 2017 22:21

Tgt Ion:232 Resp: 258513

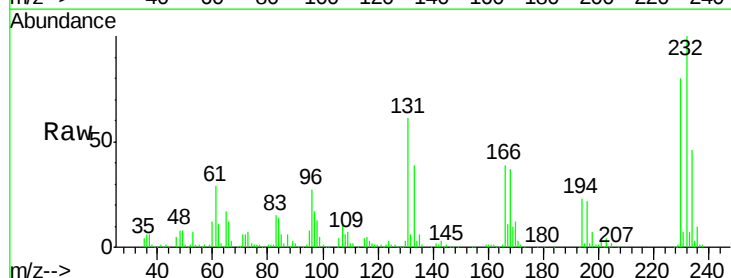
Ion Ratio Lower Upper

232 100

131 46.4 40.1 60.1

130 2.3 1.8 2.8

166 31.2 26.6 39.8

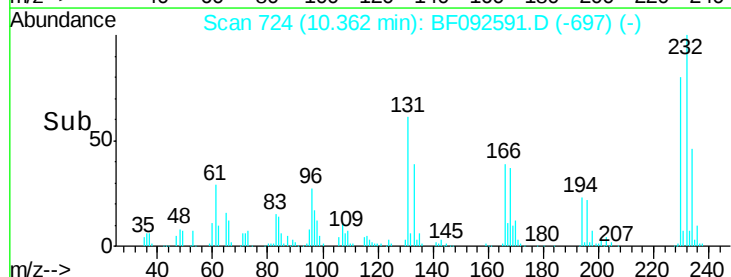
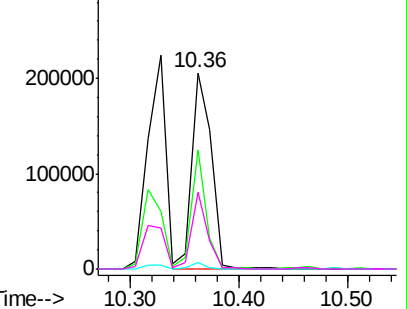


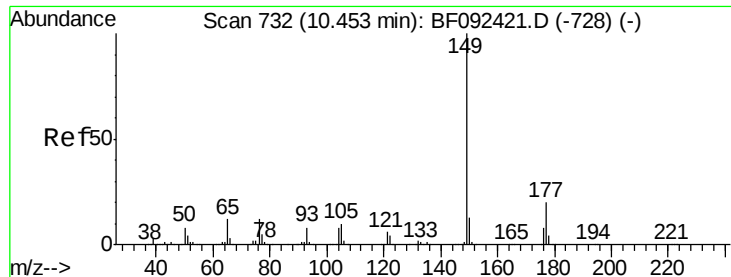
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

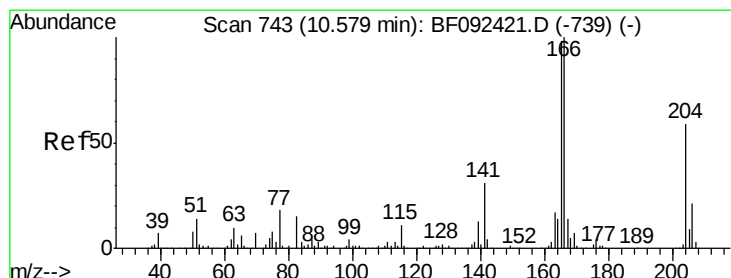
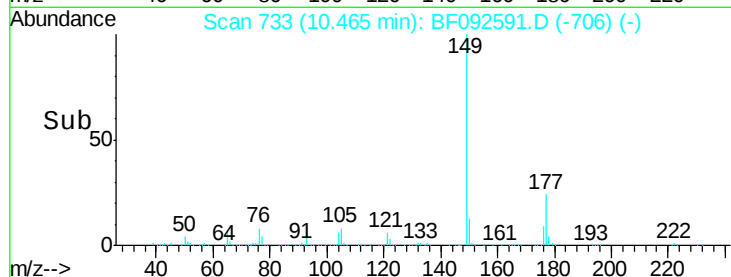
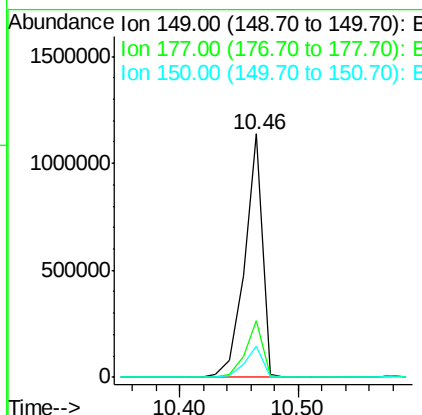
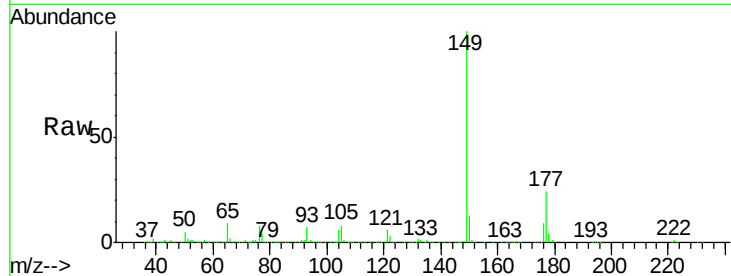




#59
Diethylphthalate
Concen: 49.91 ng
RT: 10.46 min Scan# 733
Delta R.T. 0.01 min
Lab File: BF092591.D
Acq: 27 Jan 2017 22:21

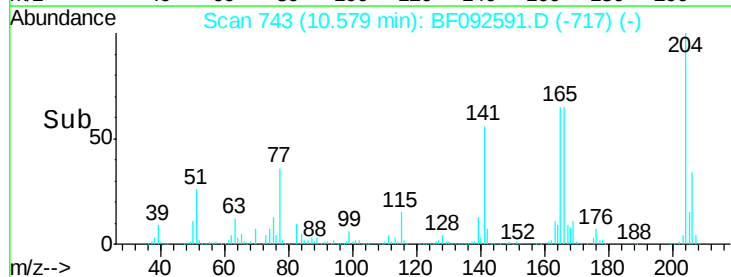
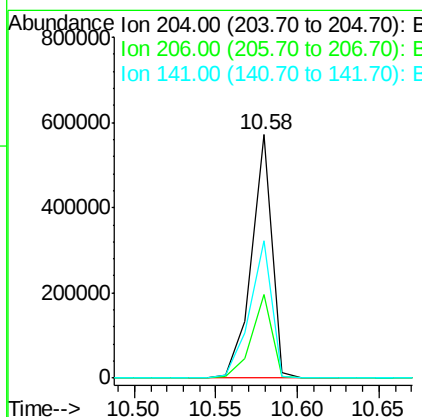
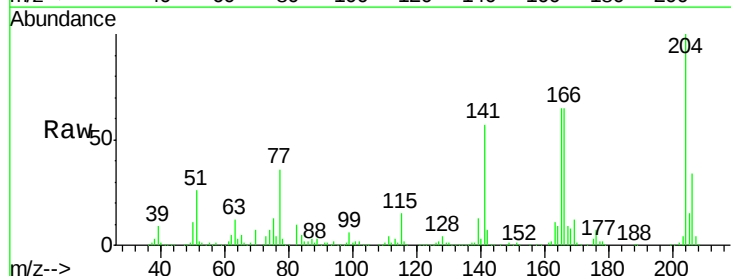
Instrument :
BNA_F
ClientSampleId :
CHA-SB-02-2-4MS

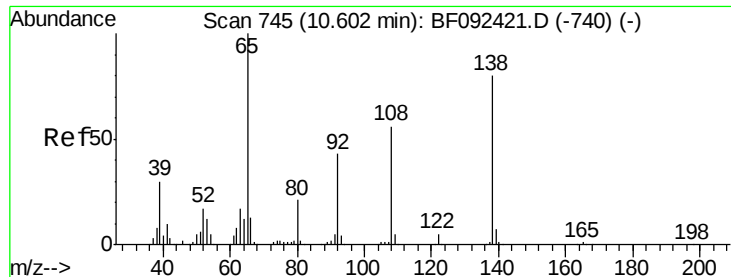
Tgt Ion:149 Resp: 1179662
Ion Ratio Lower Upper
149 100
177 23.5 16.6 25.0
150 12.6 10.4 15.6



#60
4-Chlorophenyl-phenylether
Concen: 48.73 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF092591.D
Acq: 27 Jan 2017 22:21

Tgt Ion:204 Resp: 496364
Ion Ratio Lower Upper
204 100
206 34.4 25.8 38.6
141 56.5 59.4 89.0#

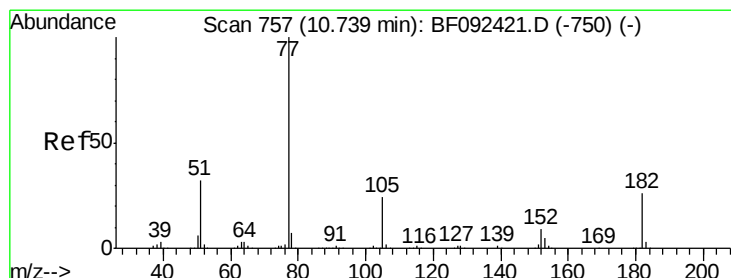
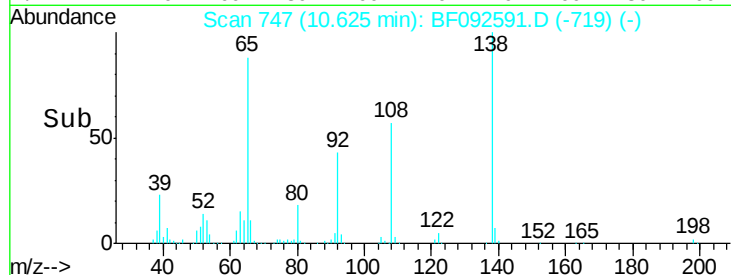
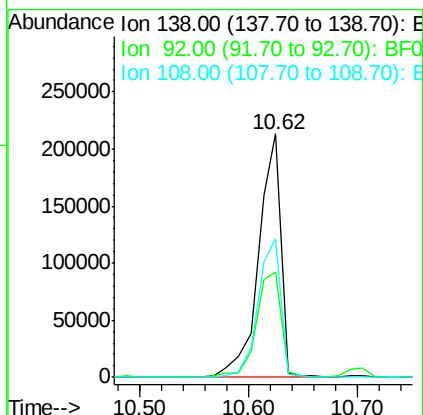
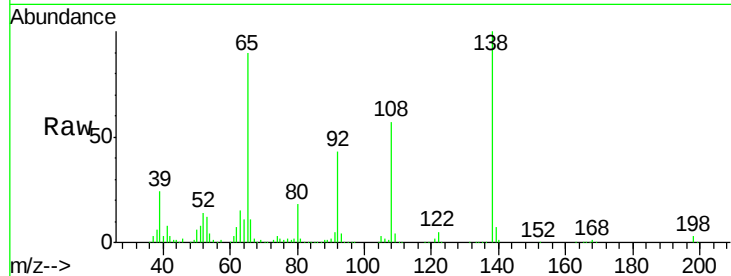




#61
4-Nitroaniline
Concen: 48.57 ng
RT: 10.62 min Scan# 747
Delta R.T. 0.02 min
Lab File: BF092591.D
Acq: 27 Jan 2017 22:21

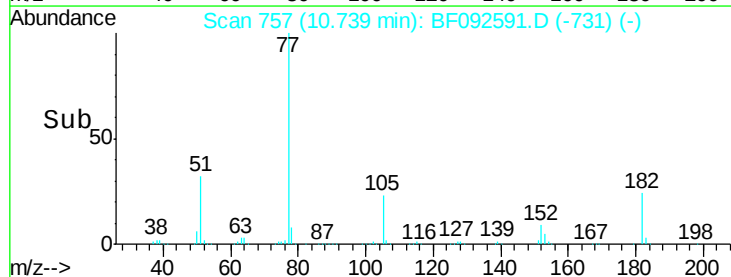
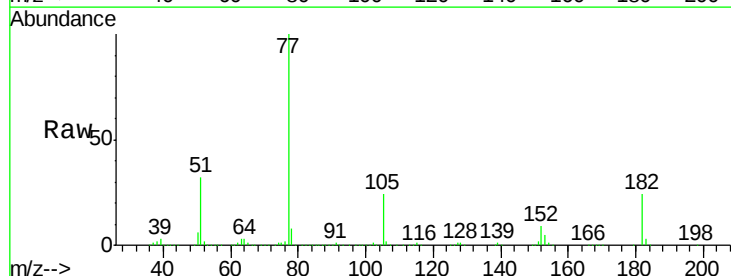
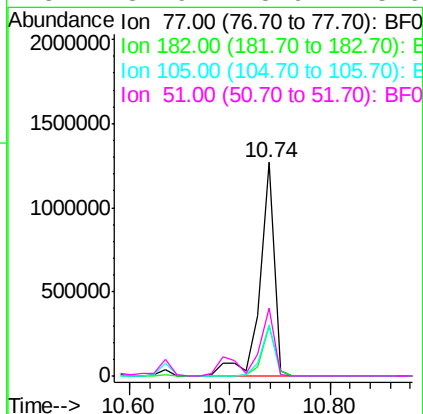
Instrument :
BNA_F
ClientSampleId :
CHA-SB-02-2-4MS

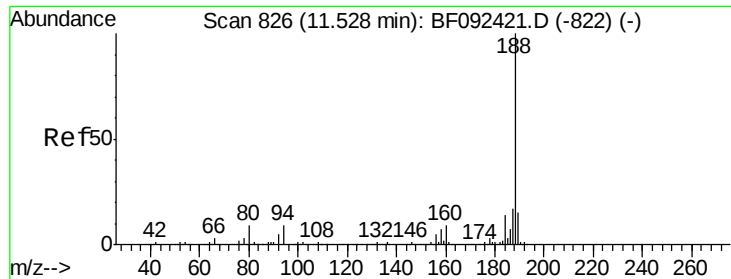
Tgt Ion:138 Resp: 306535
Ion Ratio Lower Upper
138 100
92 43.1 31.7 71.7
108 57.1 52.6 92.6



#62
Azobenzene
Concen: 47.24 ng
RT: 10.74 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF092591.D
Acq: 27 Jan 2017 22:21

Tgt Ion: 77 Resp: 1270618
Ion Ratio Lower Upper
77 100
182 23.5 0.0 39.3
105 23.7 2.3 42.3
51 31.9 8.9 48.9

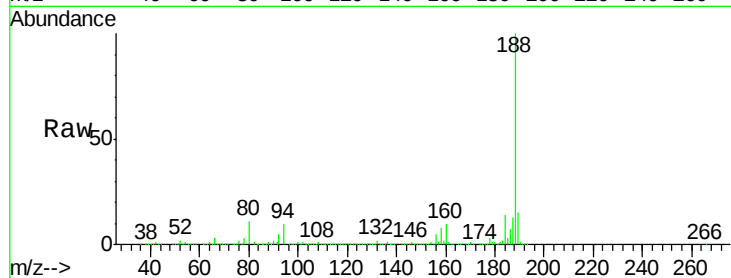




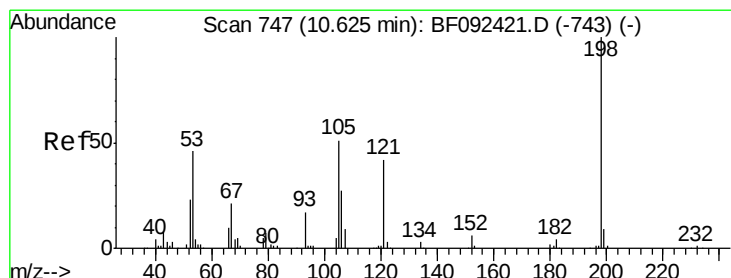
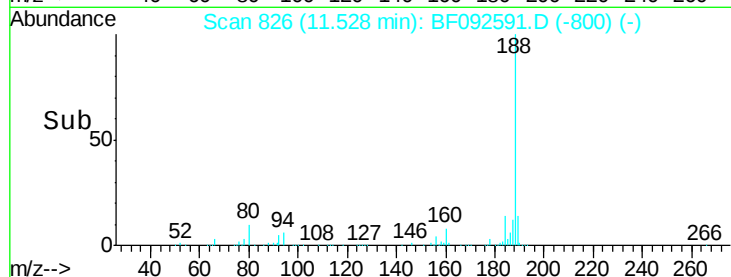
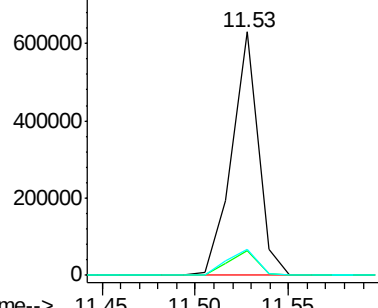
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.53 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF092591.D
Acq: 27 Jan 2017 22:21

Instrument :
BNA_F
ClientSampleId :
CHA-SB-02-2-4MS

Tgt Ion:188 Resp: 619480
Ion Ratio Lower Upper
188 100
94 10.0 10.0 15.0
80 10.6 11.2 16.8#

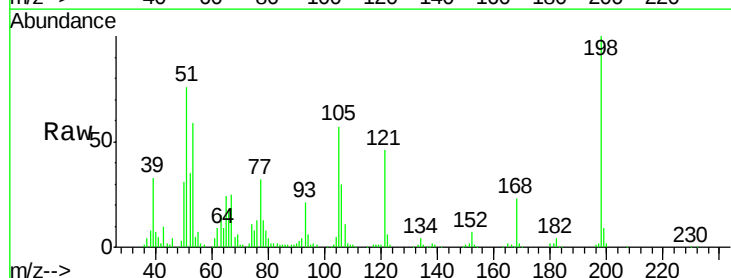


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

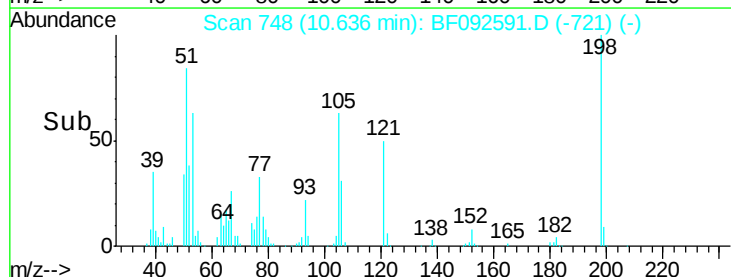
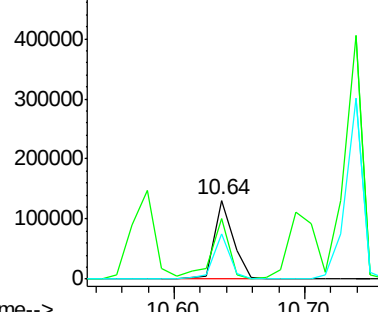


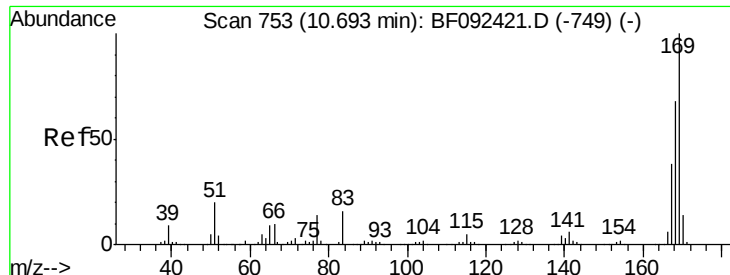
#64
4,6-Dinitro-2-methylphenol
Concen: 39.86 ng
RT: 10.64 min Scan# 748
Delta R.T. 0.01 min
Lab File: BF092591.D
Acq: 27 Jan 2017 22:21

Tgt Ion:198 Resp: 129941
Ion Ratio Lower Upper
198 100
51 76.5 6.7 46.7#
105 57.4 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: 50.48 ng

RT: 10.70 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF092591.D

Acq: 27 Jan 2017 22:21

Instrument :

BNA_F

ClientSampleId :

CHA-SB-02-2-4MS

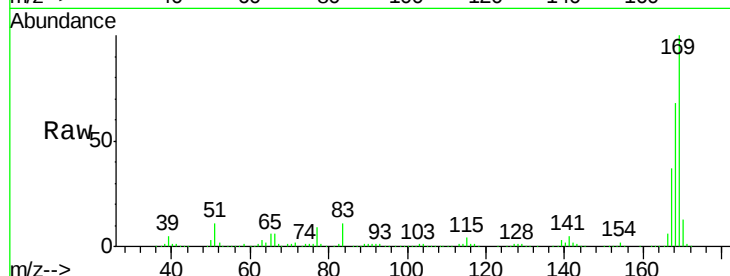
Tgt Ion:169 Resp: 976579

Ion Ratio Lower Upper

169 100

168 68.0 54.2 81.2

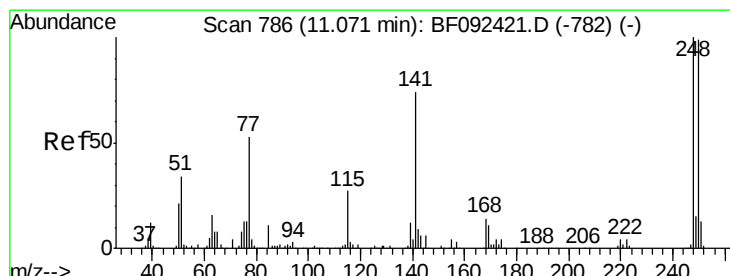
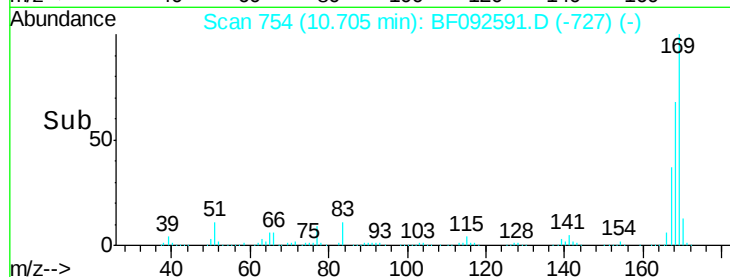
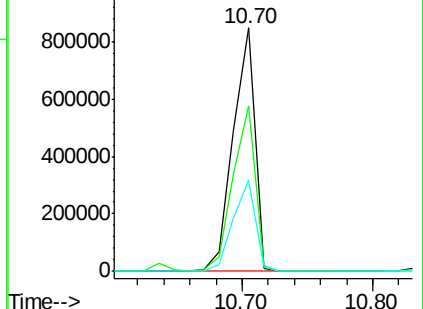
167 37.3 30.2 45.4



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: 48.21 ng

RT: 11.07 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF092591.D

Acq: 27 Jan 2017 22:21

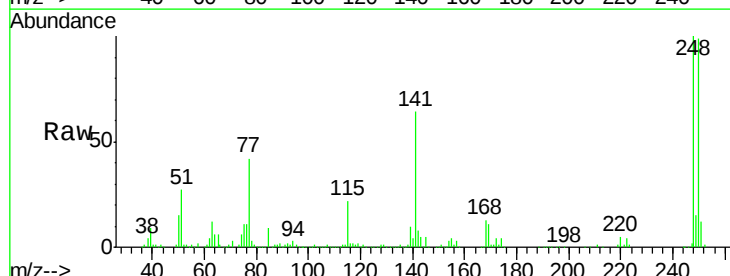
Tgt Ion:248 Resp: 301520

Ion Ratio Lower Upper

248 100

250 98.6 76.9 115.3

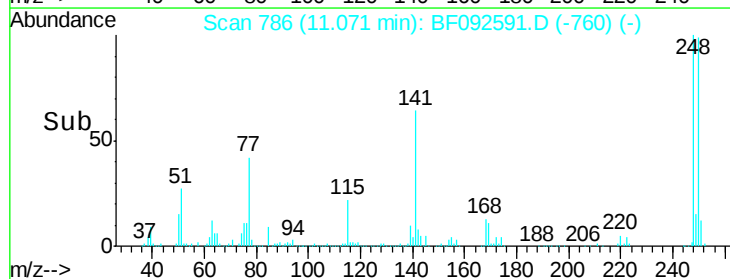
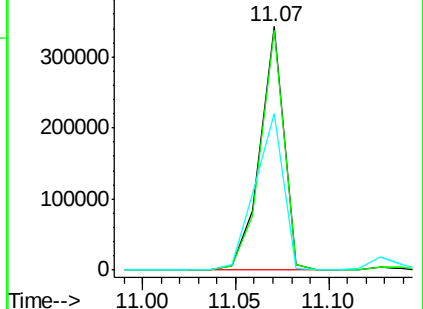
141 64.1 68.2 102.4#

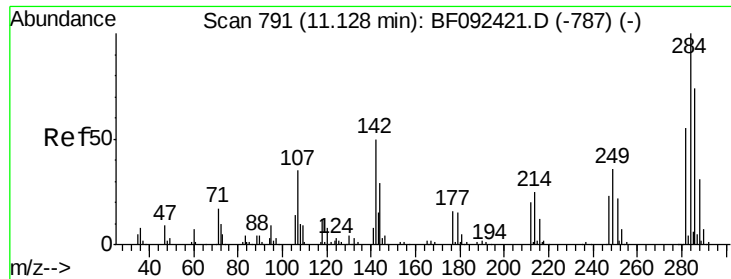


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

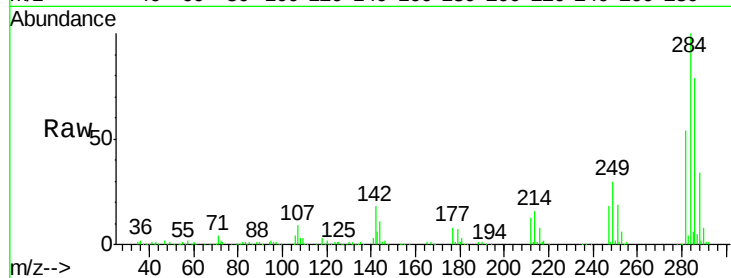




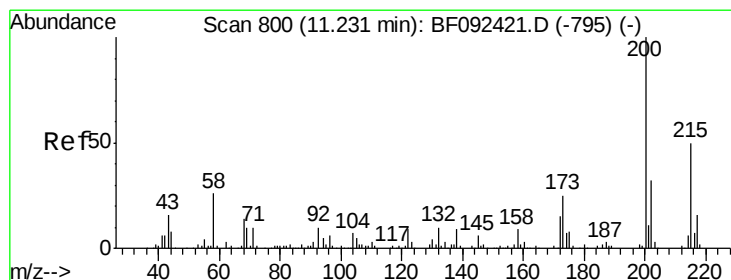
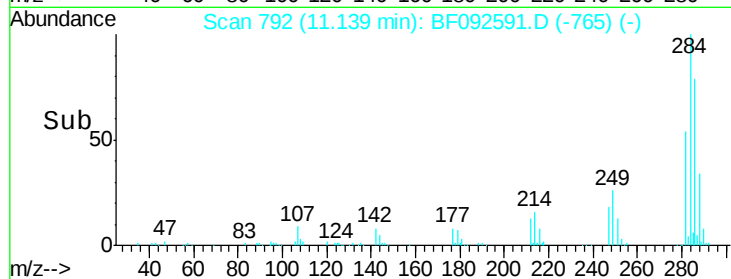
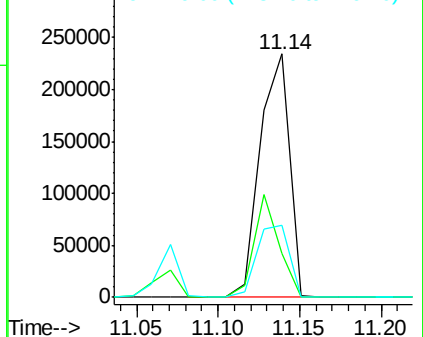
#67
Hexachlorobenzene
Concen: 46.54 ng
RT: 11.14 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF092591.D
Acq: 27 Jan 2017 22:21

Instrument :
BNA_F
ClientSampleId :
CHA-SB-02-2-4MS

Tgt Ion: 284 Resp: 294227
Ion Ratio Lower Upper
284 100
142 18.3 22.6 33.8#
249 29.5 25.4 38.0

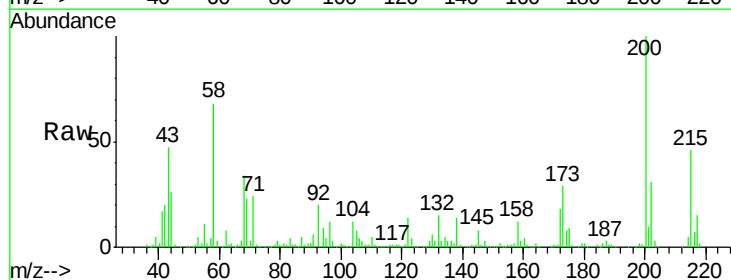


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

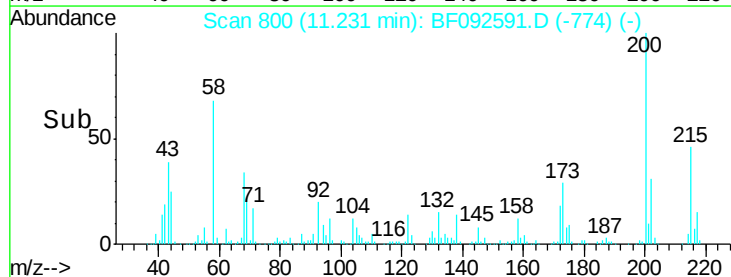
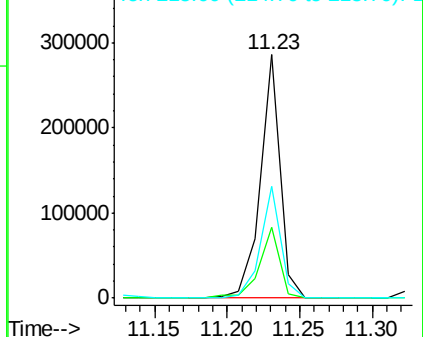


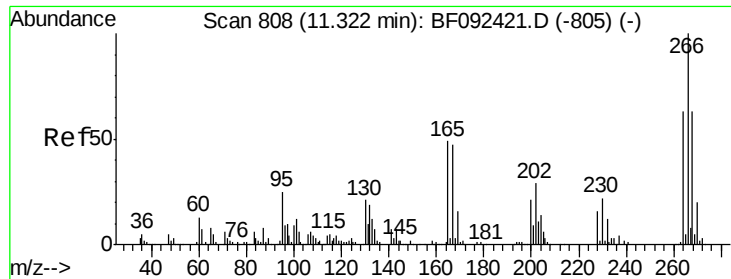
#68
Atrazine
Concen: 40.90 ng
RT: 11.23 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF092591.D
Acq: 27 Jan 2017 22:21

Tgt Ion: 200 Resp: 270821
Ion Ratio Lower Upper
200 100
173 29.3 9.6 49.6
215 46.2 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

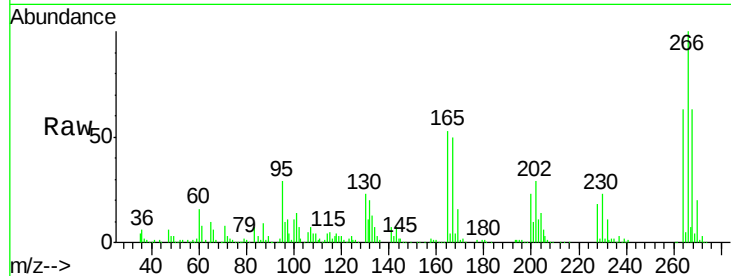




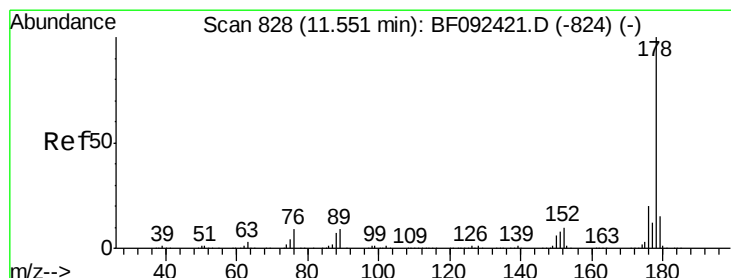
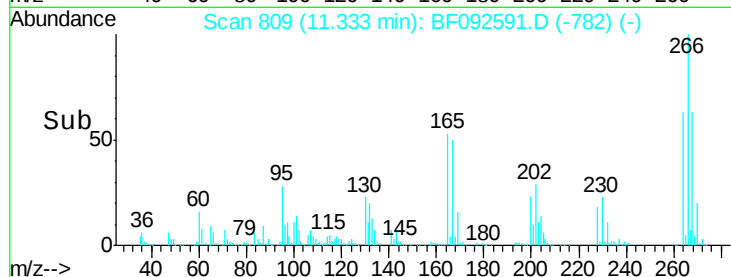
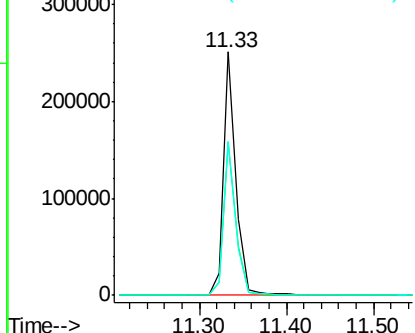
#69
 Pentachlorophenol
 Concen: 62.55 ng
 RT: 11.33 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: BF092591.D
 Acq: 27 Jan 2017 22:21

Instrument :
 BNA_F
 ClientSampleId :
 CHA-SB-02-2-4MS

Tgt Ion:266 Resp: 252841
 Ion Ratio Lower Upper
 266 100
 268 62.6 53.3 79.9
 264 63.1 50.3 75.5

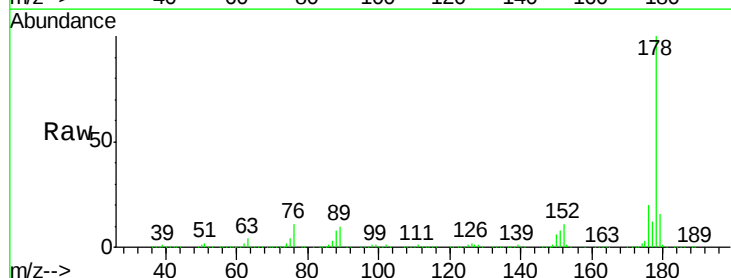


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

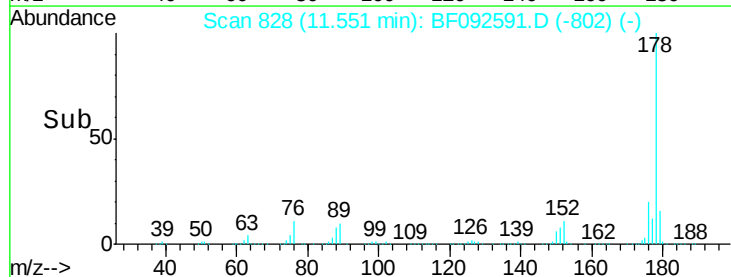
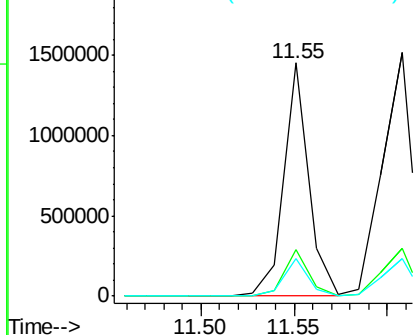


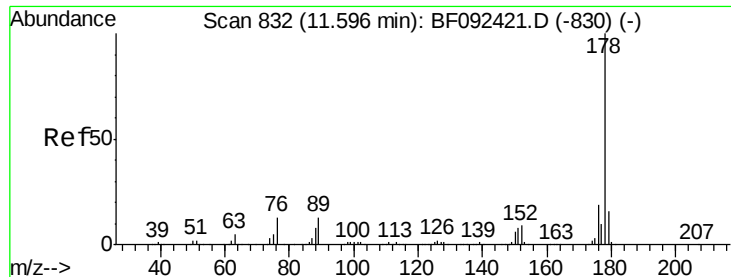
#70
 Phenanthrene
 Concen: 39.50 ng
 RT: 11.55 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF092591.D
 Acq: 27 Jan 2017 22:21

Tgt Ion:178 Resp: 1347682
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.6 25.0
 179 15.9 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

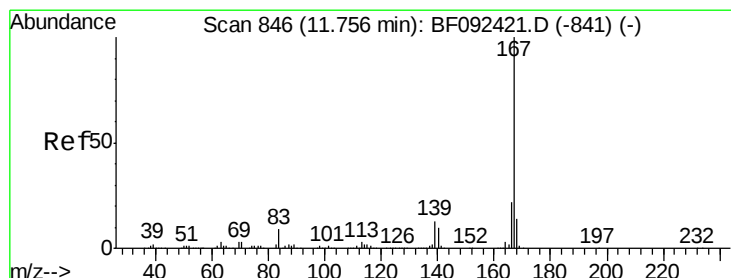
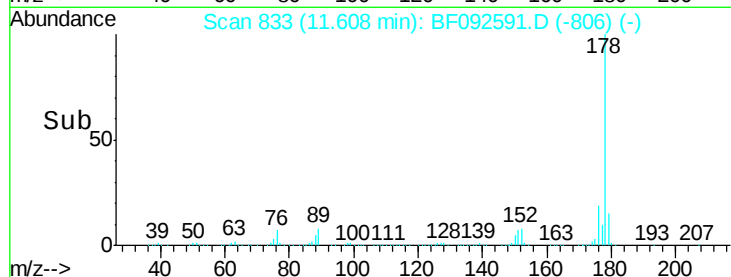
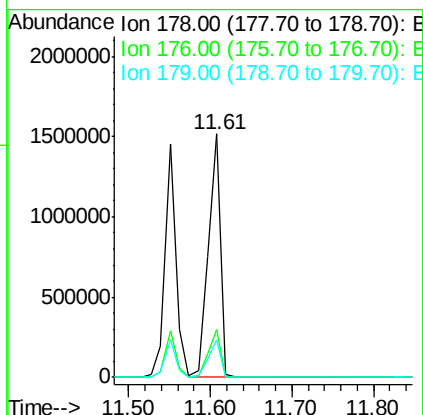
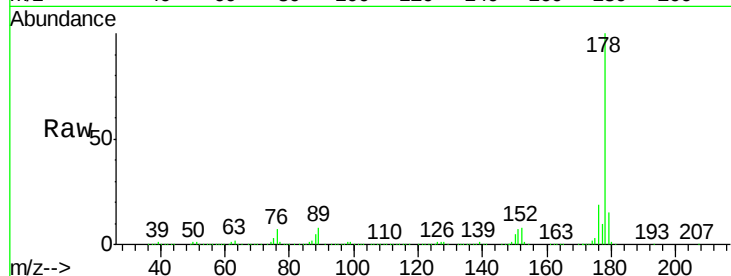




#71
 Anthracene
 Concen: 48.37 ng
 RT: 11.61 min Scan# 833
 Delta R.T. 0.01 min
 Lab File: BF092591.D
 Acq: 27 Jan 2017 22:21

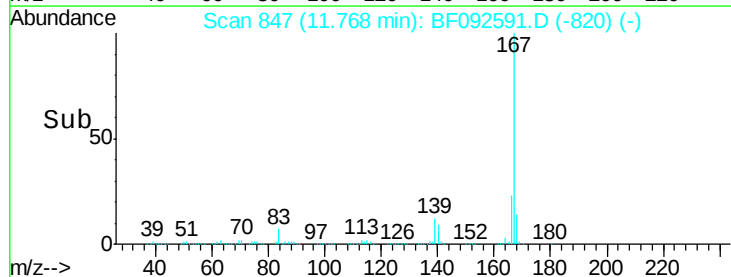
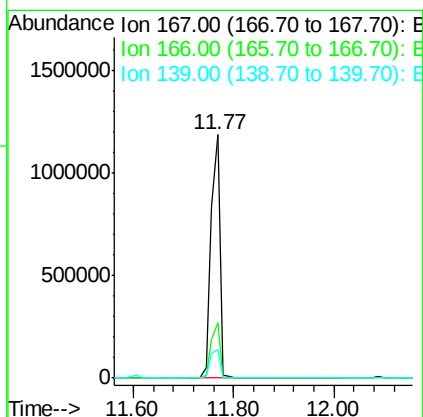
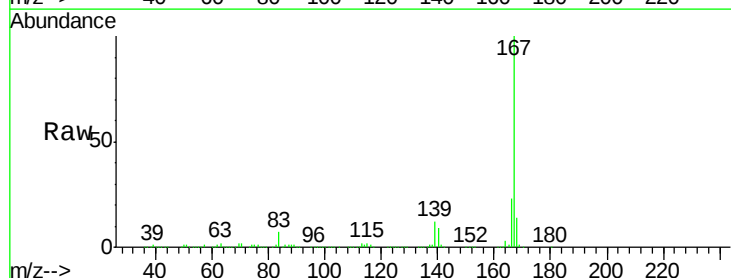
Instrument :
 BNA_F
 ClientSampleId :
 CHA-SB-02-2-4MS

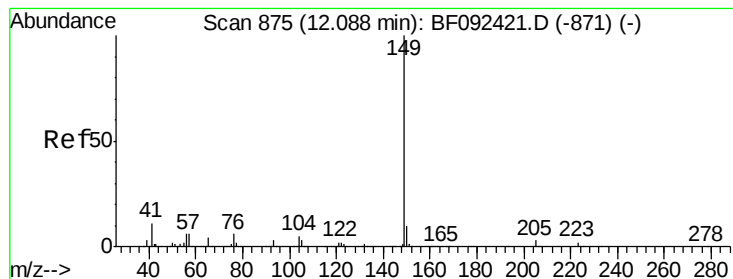
Tgt Ion:178 Resp: 1612492
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.9 23.9
 179 15.5 13.2 19.8



#72
 Carbazole
 Concen: 45.81 ng
 RT: 11.77 min Scan# 847
 Delta R.T. 0.01 min
 Lab File: BF092591.D
 Acq: 27 Jan 2017 22:21

Tgt Ion:167 Resp: 1458145
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.2 27.2
 139 12.0 11.4 17.2





#73

Di-n-butylphthalate

Concen: 48.39 ng

RT: 12.09 min Scan# 875

Delta R.T. -0.00 min

Lab File: BF092591.D

Acq: 27 Jan 2017 22:21

Instrument :

BNA_F

ClientSampleId :

CHA-SB-02-2-4MS

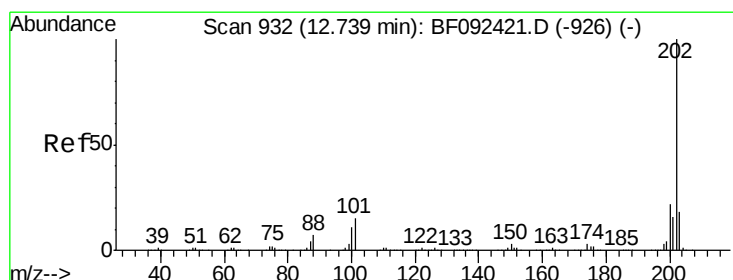
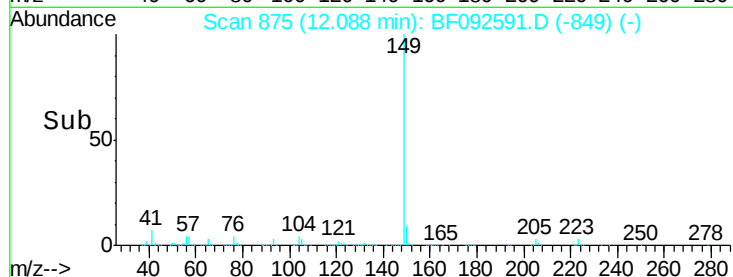
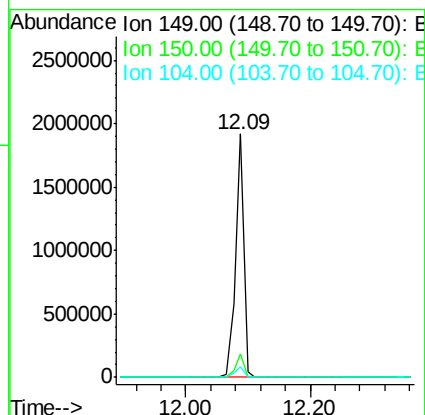
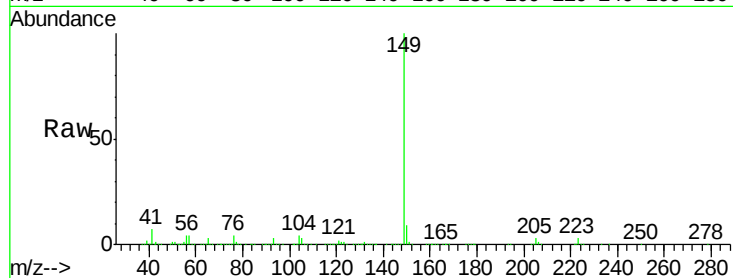
Tgt Ion:149 Resp: 1761349

Ion Ratio Lower Upper

149 100

150 9.4 8.1 12.1

104 4.4 4.6 7.0#



#74

Fluoranthene

Concen: 40.41 ng

RT: 12.74 min Scan# 932

Delta R.T. -0.00 min

Lab File: BF092591.D

Acq: 27 Jan 2017 22:21

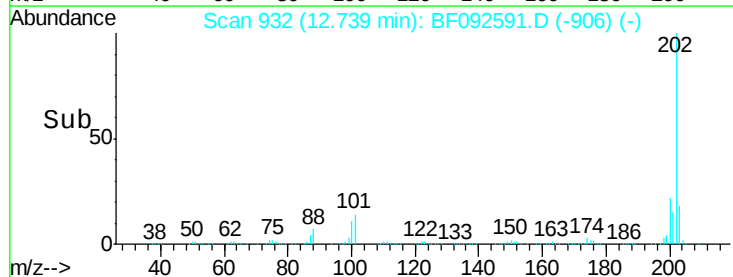
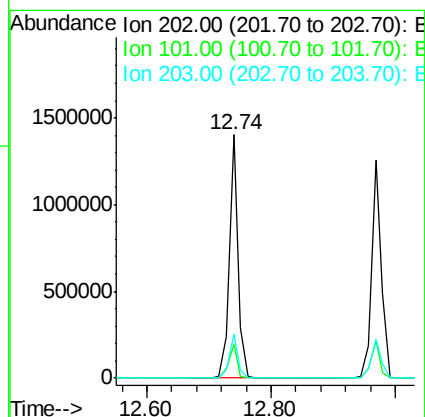
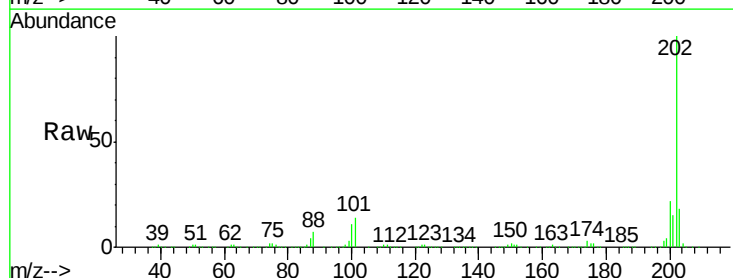
Tgt Ion:202 Resp: 1348347

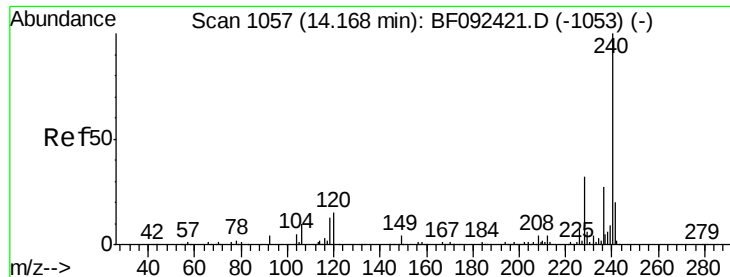
Ion Ratio Lower Upper

202 100

101 13.9 0.0 34.6

203 18.0 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.17 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BF092591.D

Acq: 27 Jan 2017 22:21

Instrument :

BNA_F

ClientSampleId :

CHA-SB-02-2-4MS

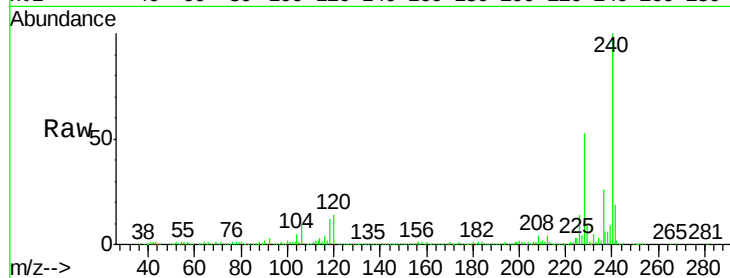
Tgt Ion:240 Resp: 418956

Ion Ratio Lower Upper

240 100

120 13.9 12.9 19.3

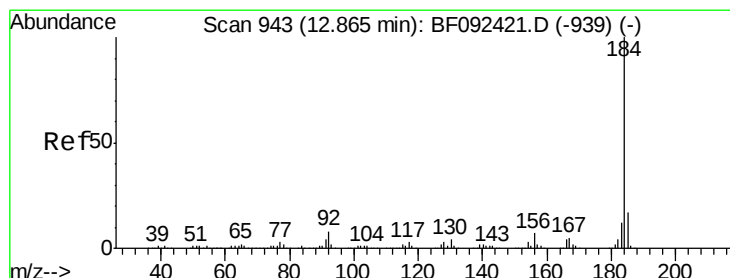
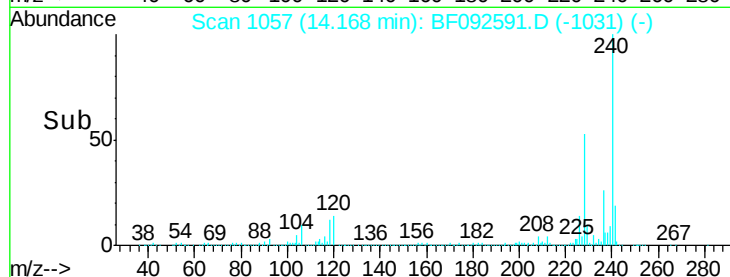
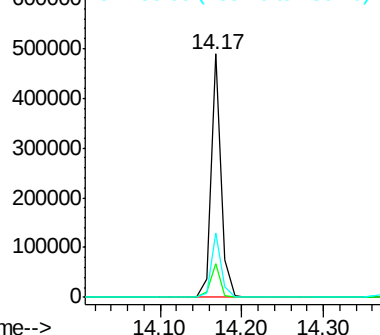
236 26.4 20.9 31.3



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: 25.28 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.00 min

Lab File: BF092591.D

Acq: 27 Jan 2017 22:21

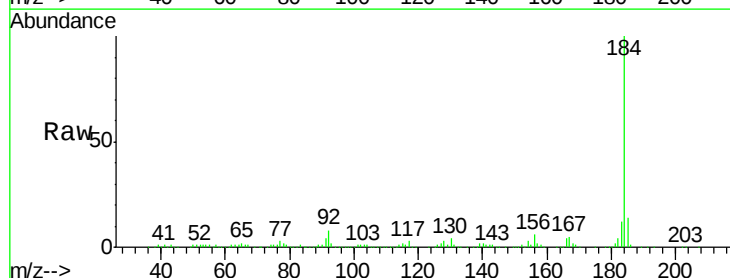
Tgt Ion:184 Resp: 393145

Ion Ratio Lower Upper

184 100

185 14.1 13.4 20.0

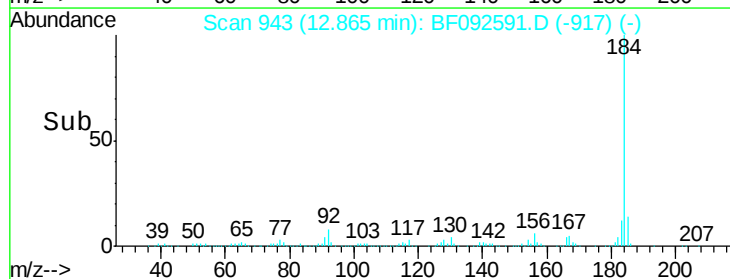
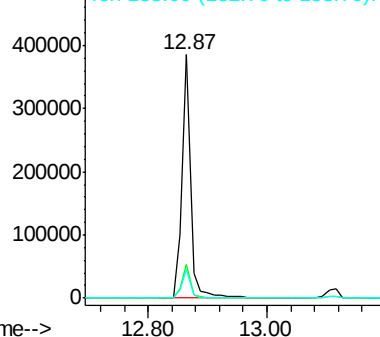
183 11.9 9.2 13.8

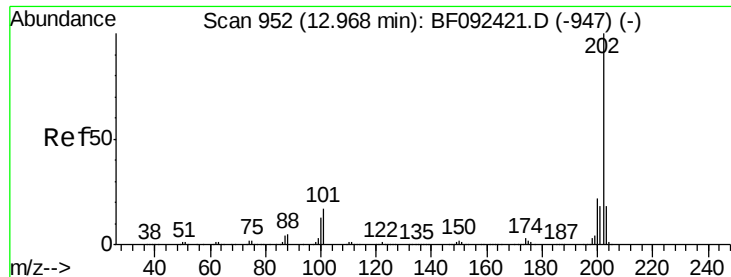


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

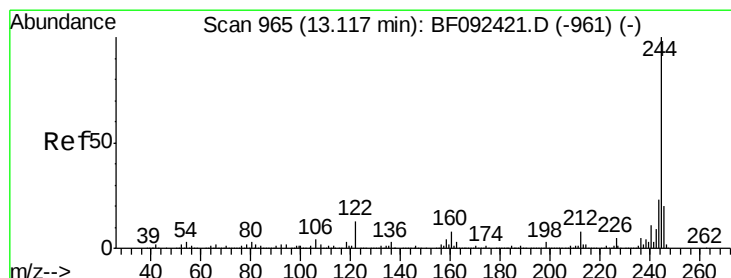
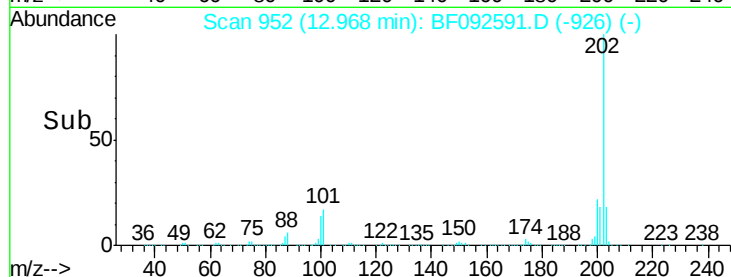
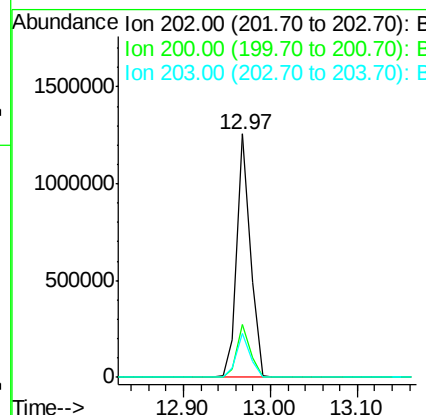
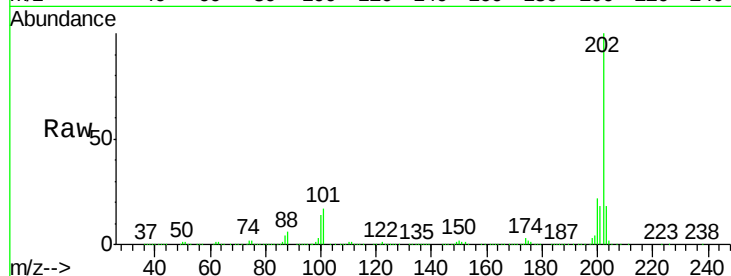




#77
 Pyrene
 Concen: 44.31 ng
 RT: 12.97 min Scan# 952
 Delta R.T. -0.00 min
 Lab File: BF092591.D
 Acq: 27 Jan 2017 22:21

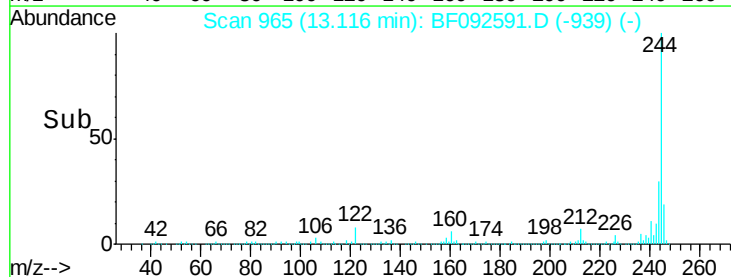
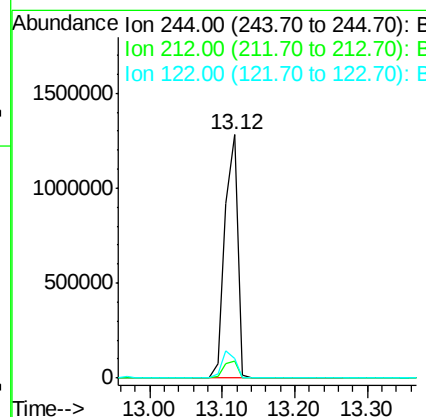
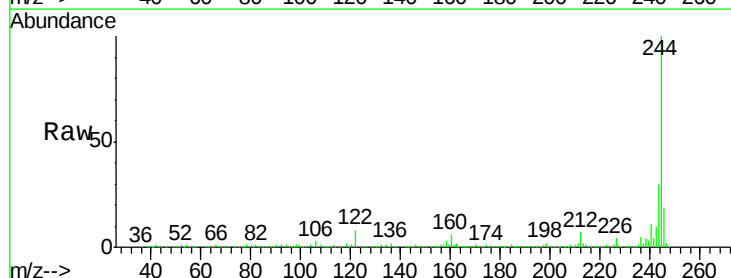
Instrument :
 BNA_F
 ClientSampleId :
 CHA-SB-02-2-4MS

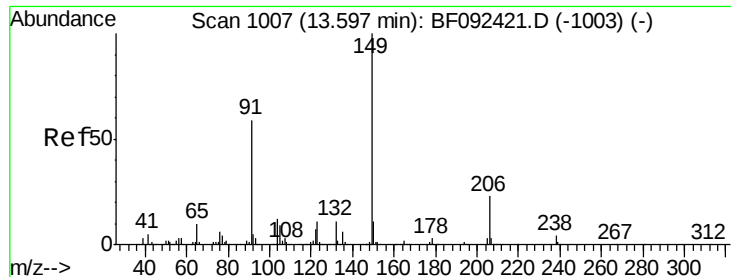
Tgt Ion:202 Resp: 1344949
 Ion Ratio Lower Upper
 202 100
 200 21.8 17.7 26.5
 203 18.0 14.7 22.1



#78
 Terphenyl-d14
 Concen: 100.51 ng
 RT: 13.12 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: BF092591.D
 Acq: 27 Jan 2017 22:21

Tgt Ion:244 Resp: 1581374
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 8.3 11.4 17.2#





#79

Butylbenzylphthalate

Concen: 53.91 ng

RT: 13.59 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF092591.D

Acq: 27 Jan 2017 22:21

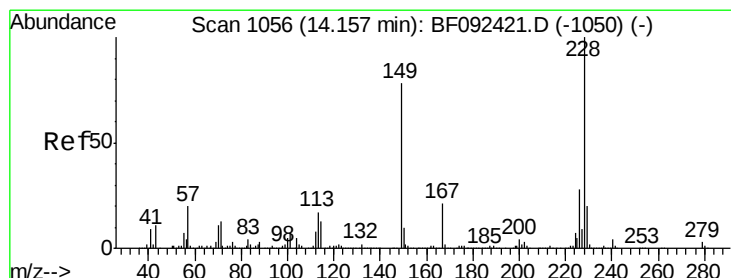
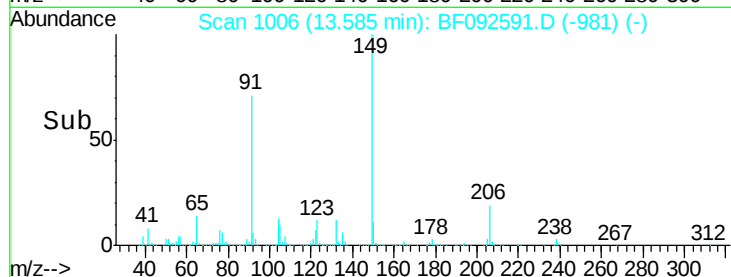
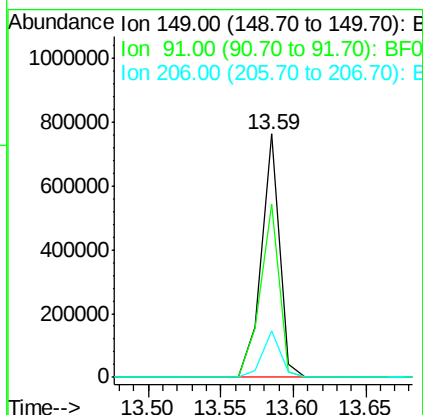
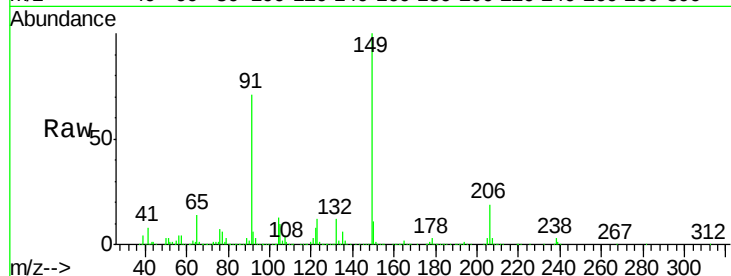
Instrument :

BNA_F

ClientSampleId :

CHA-SB-02-2-4MS

Tgt Ion:	149	Resp:	663020
Ion Ratio	Lower	Upper	
149	100		
91	71.0	63.9	95.9
206	19.3	14.6	21.8



#80

Benzo(a)anthracene

Concen: 46.41 ng

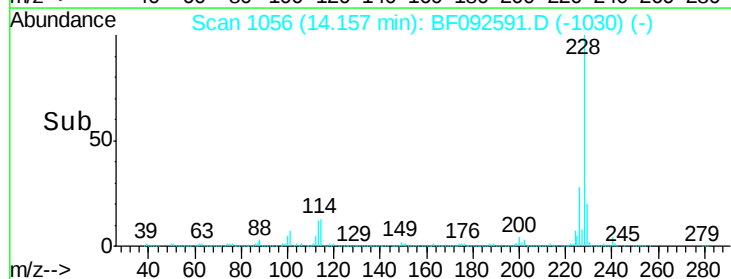
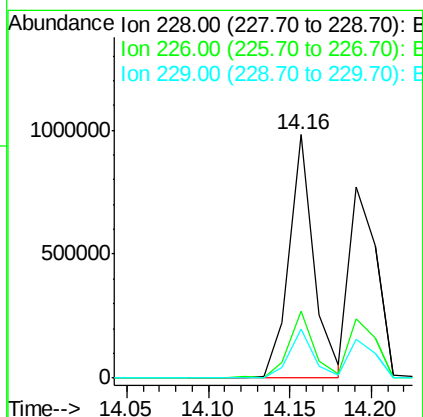
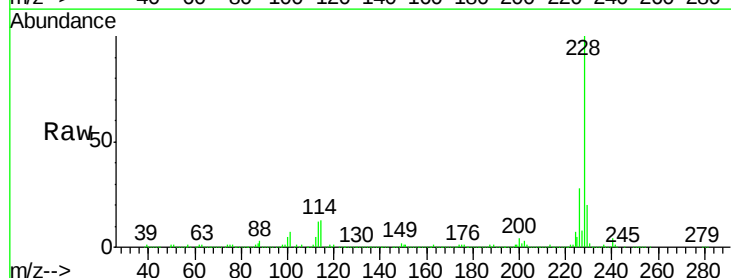
RT: 14.16 min Scan# 1056

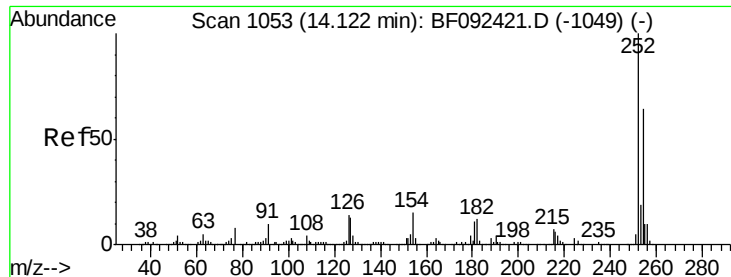
Delta R.T. -0.00 min

Lab File: BF092591.D

Acq: 27 Jan 2017 22:21

Tgt Ion:	228	Resp:	1044939
Ion Ratio	Lower	Upper	
228	100		
226	27.7	22.4	33.6
229	20.1	16.2	24.4

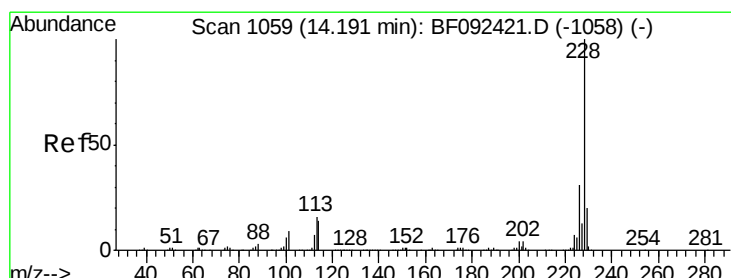
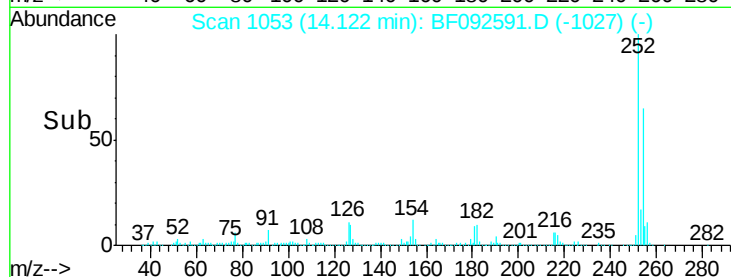
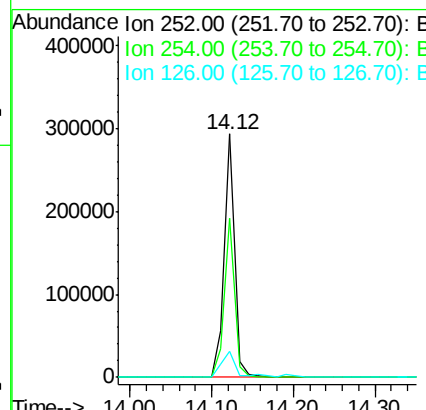
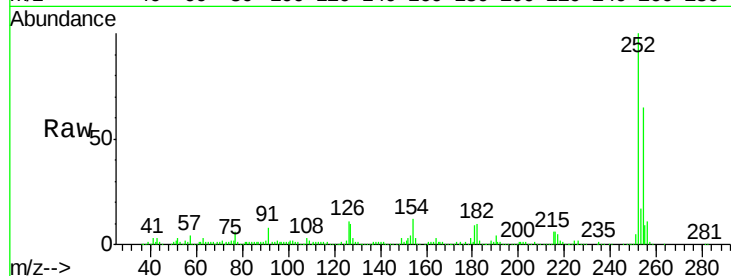




#81
 3,3'-Dichlorobenzidine
 Concen: 30.53 ng
 RT: 14.12 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: BF092591.D
 Acq: 27 Jan 2017 22:21

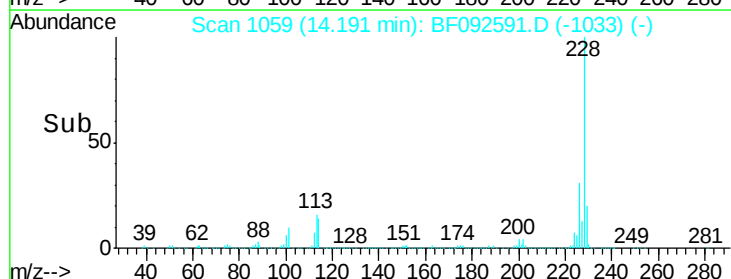
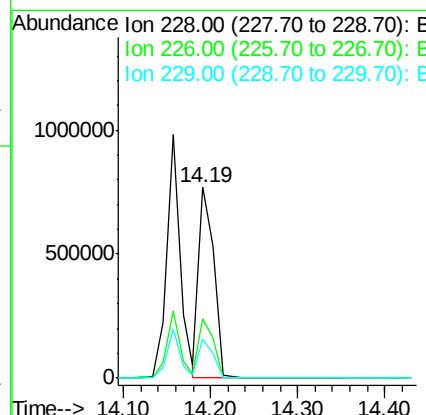
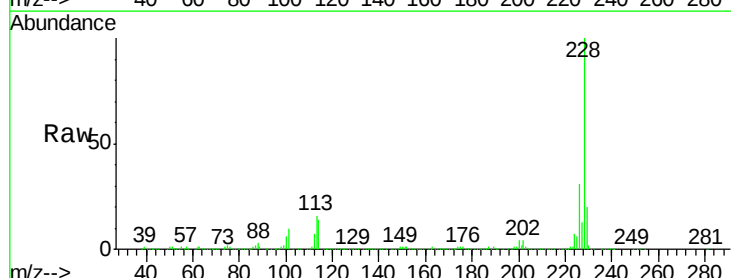
Instrument :
 BNA_F
 ClientSampleId :
 CHA-SB-02-2-4MS

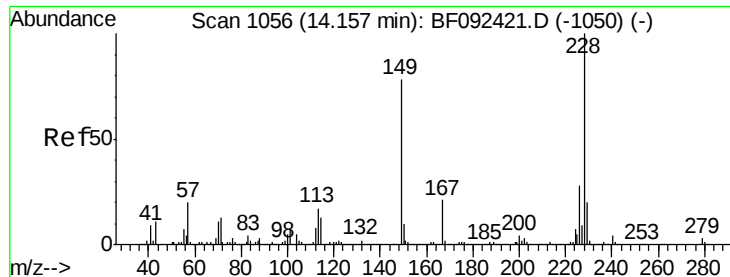
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.2	52.3	78.5
126	10.8	13.6	20.4



#82
 Chrysene
 Concen: 38.01 ng
 RT: 14.19 min Scan# 1059
 Delta R.T. -0.00 min
 Lab File: BF092591.D
 Acq: 27 Jan 2017 22:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.4	38.0
229	20.2	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 58.92 ng

RT: 14.15 min Scan# 1055

Delta R.T. -0.01 min

Lab File: BF092591.D

Acq: 27 Jan 2017 22:21

Instrument :

BNA_F

ClientSampleId :

CHA-SB-02-2-4MS

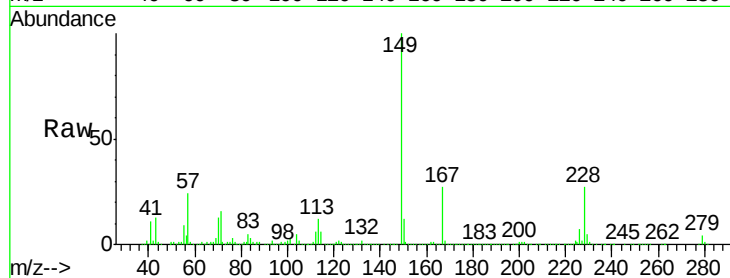
Tgt Ion:149 Resp: 912552

Ion Ratio Lower Upper

149 100

167 27.3 20.2 30.4

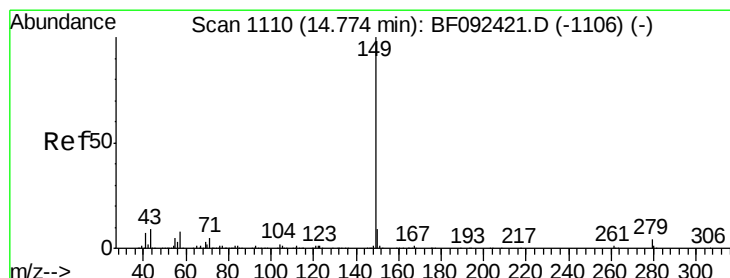
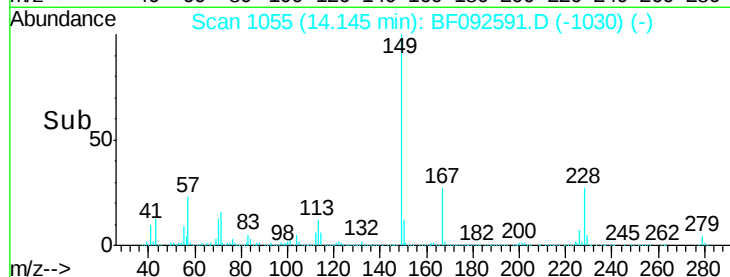
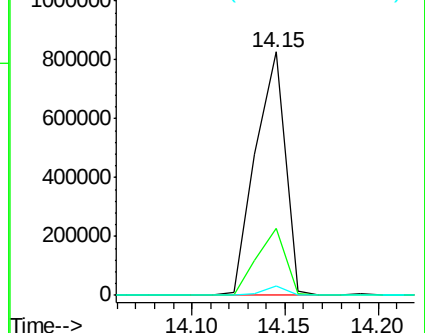
279 4.0 1.8 2.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 49.09 ng

RT: 14.75 min Scan# 1108

Delta R.T. -0.02 min

Lab File: BF092591.D

Acq: 27 Jan 2017 22:21

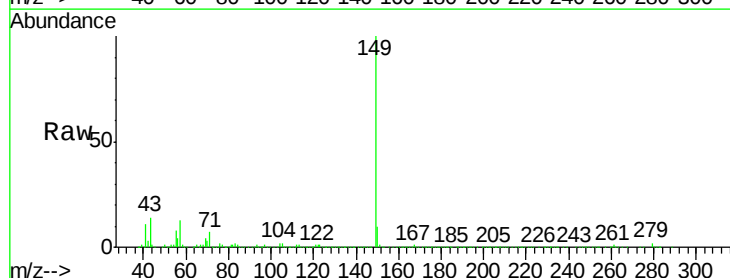
Tgt Ion:149 Resp: 1380272

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

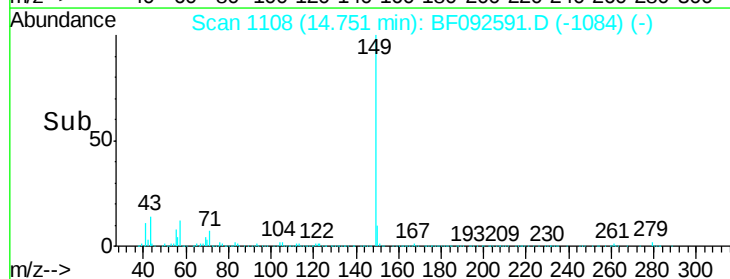
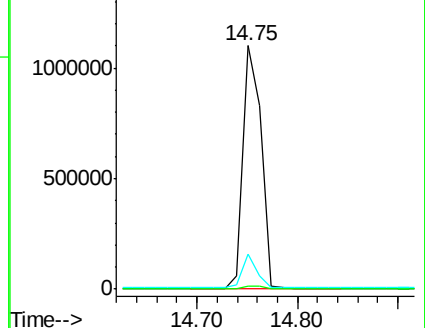
43 11.5 8.9 13.3

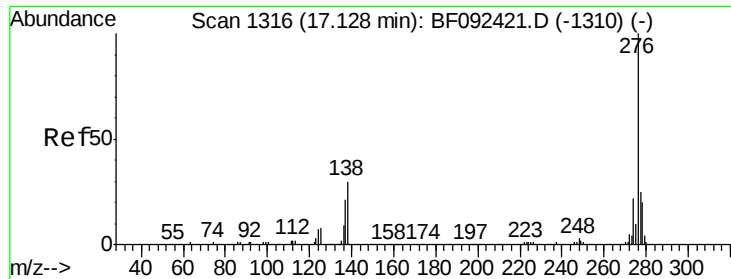


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

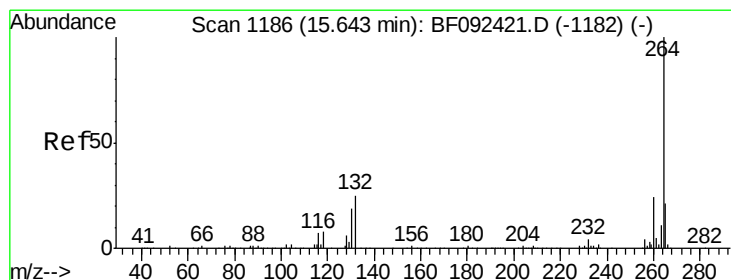
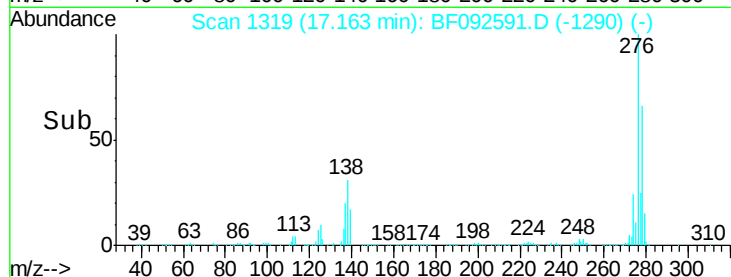
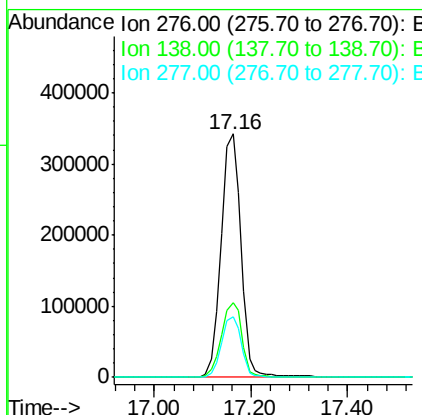
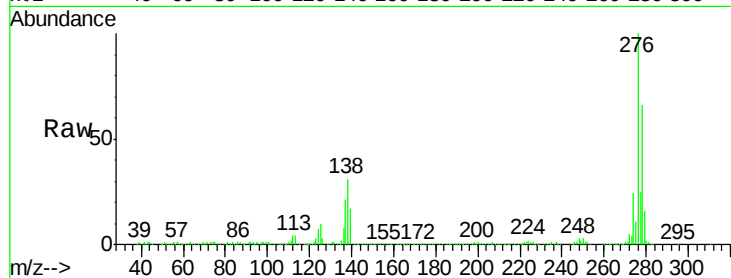




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 55.58 ng
 RT: 17.16 min Scan# 1319
 Delta R.T. 0.03 min
 Lab File: BF092591.D
 Acq: 27 Jan 2017 22:21

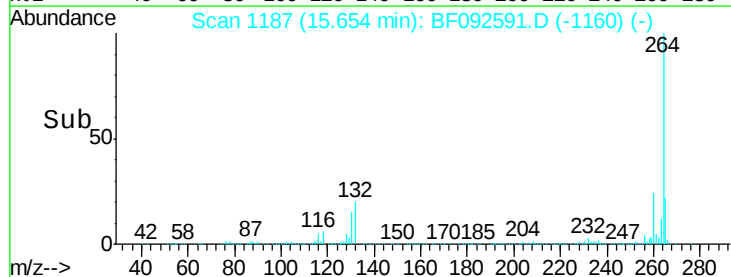
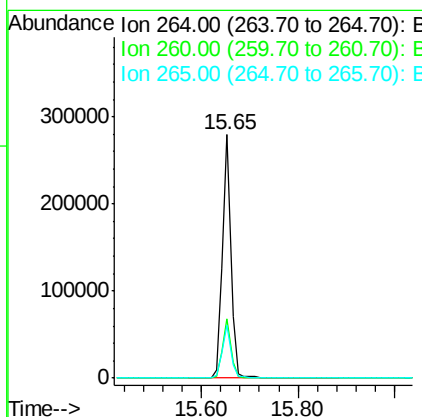
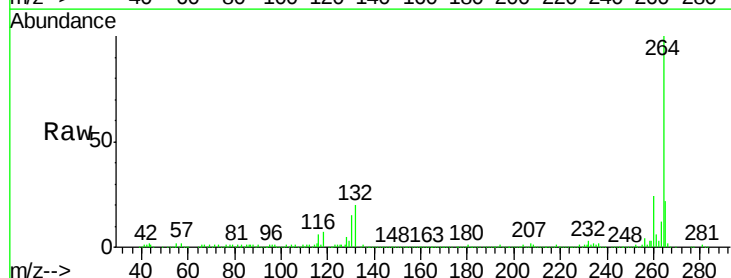
Instrument :
 BNA_F
 ClientSampleId :
 CHA-SB-02-2-4MS

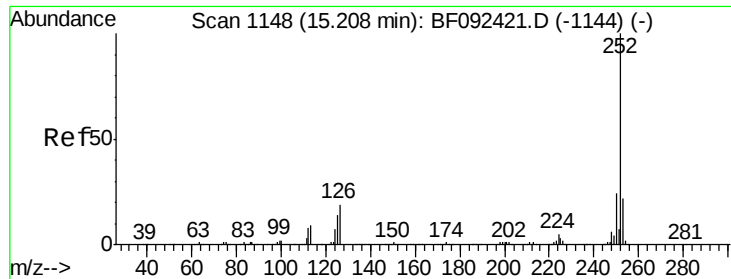
Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.3	21.8	32.6
277	25.1	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.65 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF092591.D
 Acq: 27 Jan 2017 22:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.9	17.4	26.0

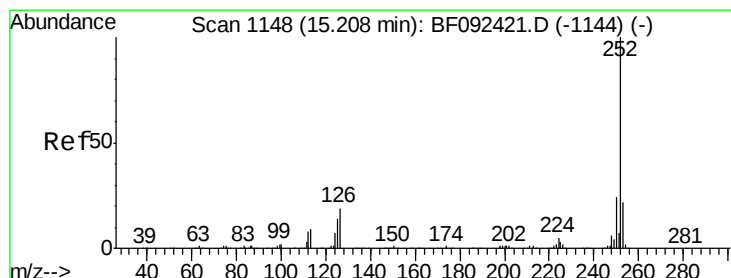
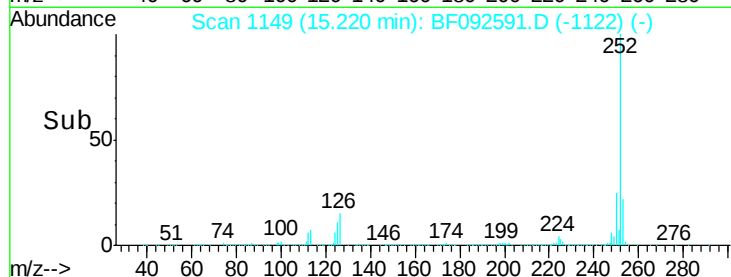
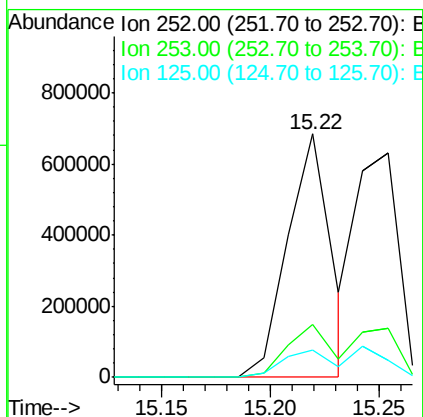
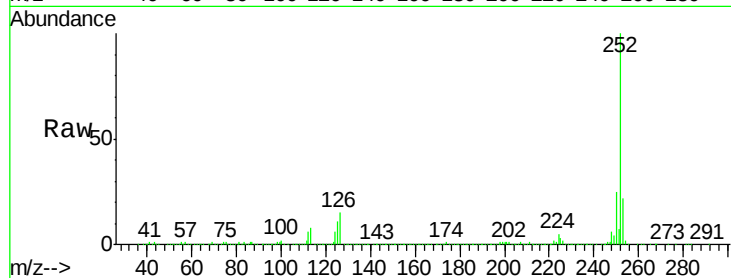




#87
Benzo(b)fluoranthene
Concen: 42.63 ng
RT: 15.22 min Scan# 1149
Delta R.T. 0.01 min
Lab File: BF092591.D
Acq: 27 Jan 2017 22:21

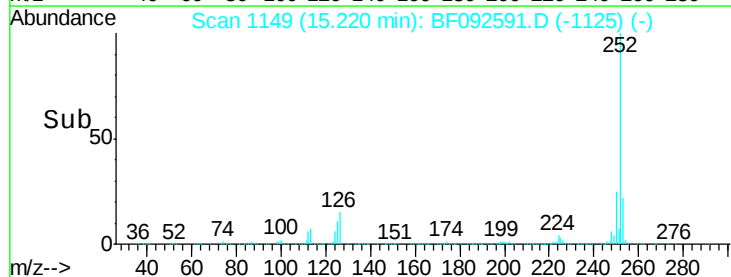
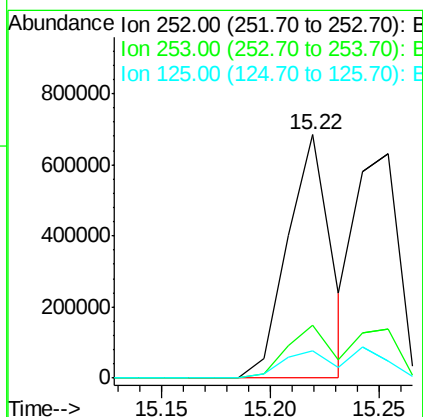
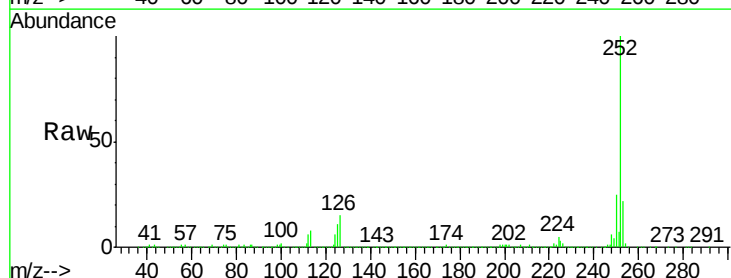
Instrument :
BNA_F
ClientSampleId :
CHA-SB-02-2-4MS

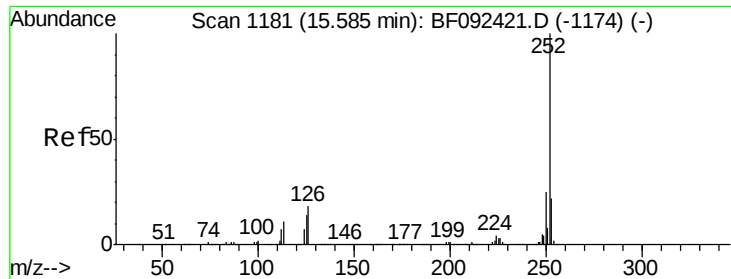
Tgt Ion:252 Resp: 947418
Ion Ratio Lower Upper
252 100
253 21.7 18.2 27.4
125 11.2 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 51.27 ng
RT: 15.22 min Scan# 1149
Delta R.T. -0.02 min
Lab File: BF092591.D
Acq: 27 Jan 2017 22:21

Tgt Ion:252 Resp: 947418
Ion Ratio Lower Upper
252 100
253 21.7 18.5 27.7
125 11.2 8.9 13.3





#89

Benzo(a)pyrene

Concen: 46.76 ng

RT: 15.60 min Scan# 1182

Delta R.T. 0.01 min

Lab File: BF092591.D

Acq: 27 Jan 2017 22:21

Instrument :

BNA_F

ClientSampleId :

CHA-SB-02-2-4MS

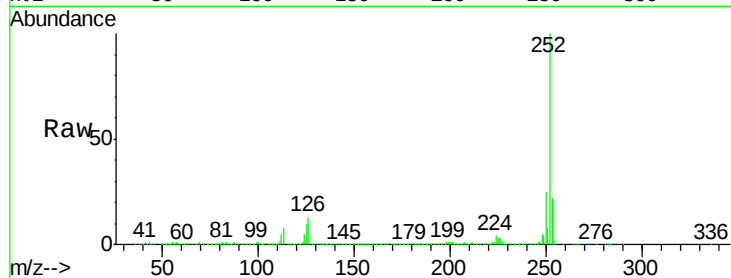
Tgt Ion:252 Resp: 879012

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.2

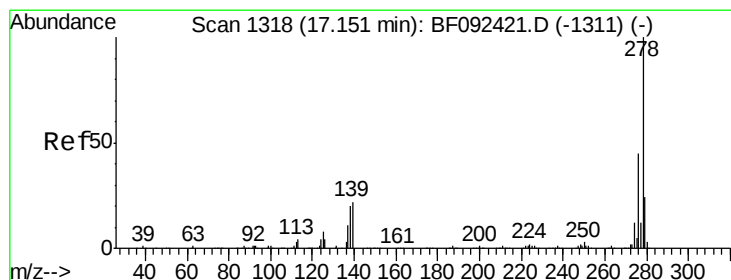
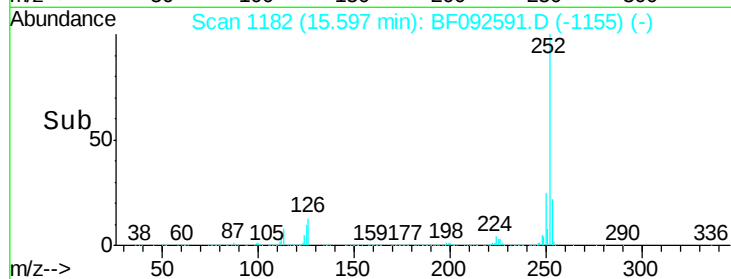
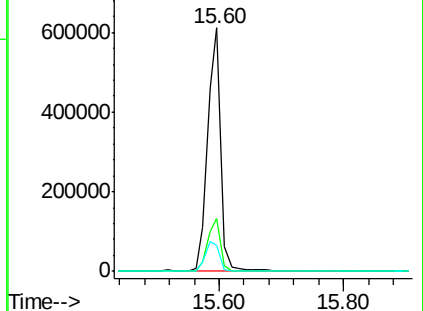
125 10.4 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 53.71 ng

RT: 17.17 min Scan# 1320

Delta R.T. 0.02 min

Lab File: BF092591.D

Acq: 27 Jan 2017 22:21

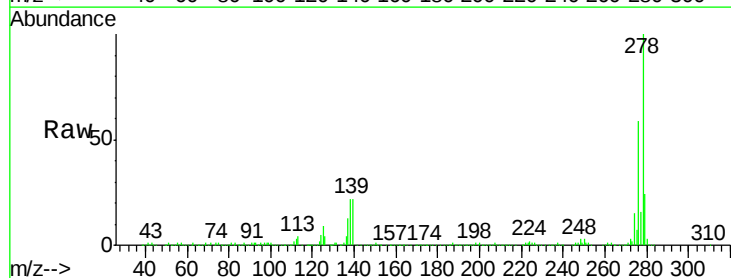
Tgt Ion:278 Resp: 816386

Ion Ratio Lower Upper

278 100

139 22.0 14.8 22.2

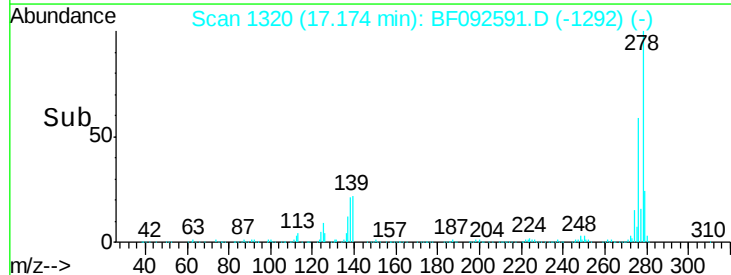
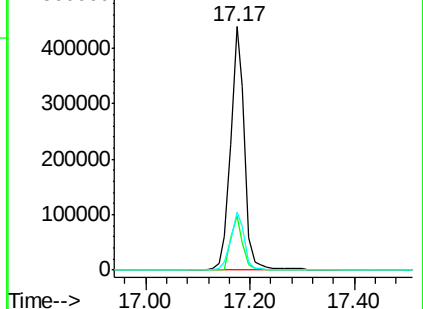
279 24.1 19.8 29.6

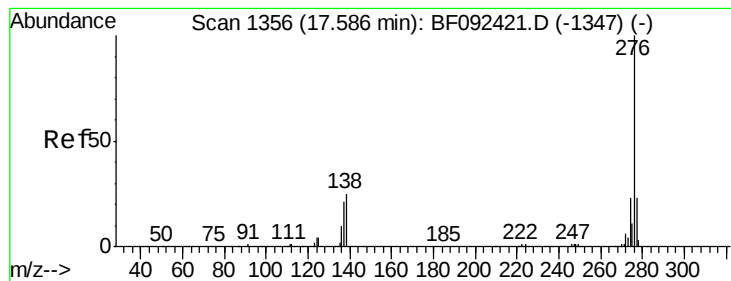


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 54.75 ng

RT: 17.62 min Scan# 1359

Delta R.T. 0.03 min

Lab File: BF092591.D

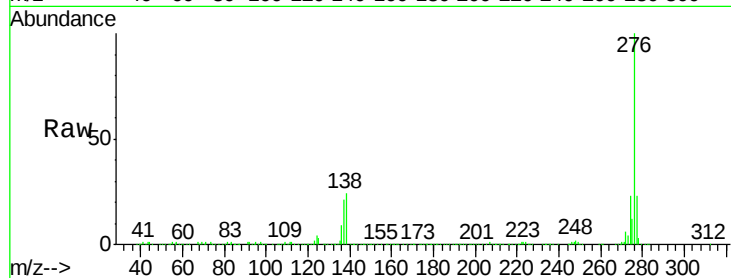
Acq: 27 Jan 2017 22:21

Instrument :

BNA_F

ClientSampleId :

CHA-SB-02-2-4MS



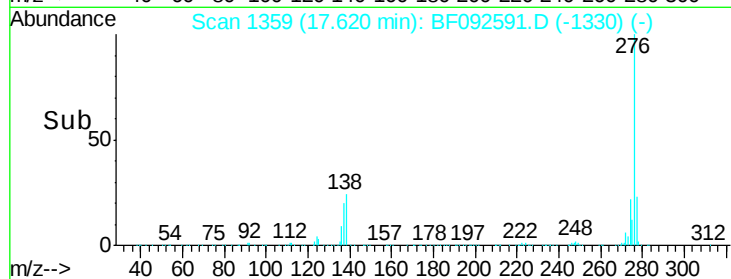
Tgt Ion: 276 Resp: 841636

Ion Ratio Lower Upper

276 100

277 23.2 19.2 28.8

138 24.2 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

