

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012017\
 Data File : BF092391.D
 Acq On : 21 Jan 2017 2:08
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jan 21 03:51:42 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 22:22:14 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	110288	20.00	ng	0.00
21) Naphthalene-d8	7.81	136	660894	20.00	ng	0.00
38) Acenaphthene-d10	9.56	164	289748	20.00	ng	0.00
63) Phenanthrene-d10	11.03	188	416760	20.00	ng	0.00
75) Chrysene-d12	13.67	240	274248	20.00	ng	0.01
86) Perylene-d12	15.02	264	231092	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.10	112	629267	95.27	ng	0.01
7) Phenol-d6	6.20	99	711131	88.18	ng	0.01
23) Nitrobenzene-d5	7.10	82	900171	75.74	ng	0.00
41) 2,4,6-Tribromophenol	10.35	330	164609	68.65	ng	0.00
44) 2-Fluorobiphenyl	8.90	172	1472416	107.54	ng	0.00
78) Terphenyl-d14	12.62	244	1049147	92.78	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.91	88	231791	71.28	ng	98
3) Pyridine	2.52	79	438738	38.66	ng	99
4) n-Nitrosodimethylamine	2.48	42	185218	43.26	ng	91
6) Aniline	6.19	93	450147	42.98	ng	# 48
8) 2-Chlorophenol	6.31	128	321194	42.75	ng	96
9) Benzaldehyde	6.06	77	208076	49.44	ng	89
10) Phenol	6.21	94	438979	47.77	ng	# 71
11) bis(2-Chloroethyl)ether	6.27	93	304110	41.59	ng	99
12) 1,3-Dichlorobenzene	6.46	146	350461	43.69	ng	# 93
13) 1,4-Dichlorobenzene	6.54	146	361397	44.27	ng	97
14) 1,2-Dichlorobenzene	6.69	146	325175	45.90	ng	95
15) Benzyl Alcohol	6.69	79	281372	44.90	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.82	45	574519	52.76	ng	# 29
17) 2-Methylphenol	6.82	107	326762	54.08	ng	# 88
18) Hexachloroethane	7.03	117	133430	44.09	ng	98
19) n-Nitroso-di-n-propylamine	6.96	70	364340	67.91	ng	# 85
20) 3+4-Methylphenols	6.98	107	518379	71.93	ng	# 70
22) Acetophenone	6.95	105	722654	44.33	ng	# 88
24) Nitrobenzene	7.12	77	523833	41.38	ng	# 84
25) Isophorone	7.36	82	895268	40.83	ng	98
26) 2-Nitrophenol	7.44	139	150120	24.05	ng	# 78
27) 2,4-Dimethylphenol	7.50	122	414865	40.07	ng	92
28) bis(2-Chloroethoxy)methane	7.58	93	546757	41.12	ng	99
29) 2,4-Dichlorophenol	7.70	162	345314	39.39	ng	94
30) 1,2,4-Trichlorobenzene	7.76	180	399783	41.61	ng	99
31) Naphthalene	7.83	128	1234704	40.82	ng	100
32) Benzoic acid	7.64	122	102226	13.31	ng	97
33) 4-Chloroaniline	7.90	127	567924	41.64	ng	96
34) Hexachlorobutadiene	7.96	225	225580	44.48	ng	99
35) Caprolactam	8.28	113	98299	34.12	ng	# 68
36) 4-Chloro-3-methylphenol	8.40	107	377760	37.44	ng	96
37) 2-Methylnaphthalene	8.53	142	811350	43.86	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.70	216	333074	45.50	ng	99
40) Hexachlorocyclopentadiene	8.68	237	4314	5.24	ng	98

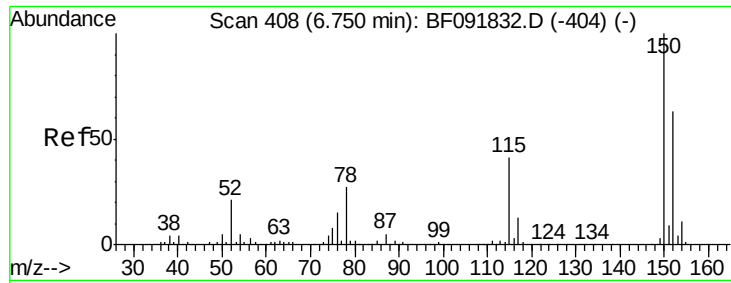
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012017\
 Data File : BF092391.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.82	196	205110	40.06	ng	96
43) 2,4,5-Trichlorophenol	8.87	196	193778	36.78	ng #	90
45) 1,1'-Biphenyl	8.99	154	910233	45.88	ng	95
46) 2-Chloronaphthalene	9.01	162	664671	42.31	ng	94
47) 2-Nitroaniline	9.12	65	258140	46.15	ng	87
48) Acenaphthylene	9.42	152	989252	40.94	ng	99
49) Dimethylphthalate	9.31	163	879971	47.48	ng	100
50) 2,6-Dinitrotoluene	9.36	165	135343	33.37	ng #	70
51) Acenaphthene	9.59	154	628036	38.34	ng	99
52) 3-Nitroaniline	9.54	138	237938	47.40	ng	95
54) Dibenzofuran	9.76	168	866617	39.17	ng	100
55) 4-Nitrophenol	9.76	139	446036	130.87	ng #	9
56) 2,4-Dinitrotoluene	9.78	165	169328	33.26	ng #	87
57) Fluorene	10.11	166	654064	40.64	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.90	232	146177	35.08	ng	94
59) Diethylphthalate	10.00	149	796016	44.23	ng	94
60) 4-Chlorophenyl-phenylether	10.11	204	317963	45.12	ng #	85
61) 4-Nitroaniline	10.15	138	249971	48.05	ng #	75
62) Azobenzene	10.27	77	785440	39.64	ng	84
65) n-Nitrosodiphenylamine	10.22	169	572470	46.29	ng	98
66) 4-Bromophenyl-phenylether	10.59	248	190106	43.85	ng	98
67) Hexachlorobenzene	10.66	284	194694	42.02	ng	96
68) Atrazine	10.76	200	117243	29.39	ng	98
69) Pentachlorophenol	10.86	266	94857	41.72	ng	98
70) Phenanthrene	11.06	178	886863	39.24	ng	98
71) Anthracene	11.11	178	939457	47.97	ng	98
72) Carbazole	11.27	167	826504	43.95	ng	98
73) Di-n-butylphthalate	11.62	149	1094223	51.71	ng	98
74) Fluoranthene	12.24	202	920872	46.58	ng	95
76) Benzidine	12.38	184	437506	71.42	ng	97
77) Pyrene	12.47	202	935028	46.47	ng	97
79) Butylbenzylphthalate	13.10	149	426905	46.65	ng	93
80) Benzo(a)anthracene	13.66	228	728397	47.05	ng	99
81) 3,3'-Dichlorobenzidine	13.63	252	306907	52.28	ng #	97
82) Chrysene	13.70	228	733968	47.27	ng	97
83) Bis(2-ethylhexyl)phthalate	13.67	149	589533	54.70	ng #	95
84) Di-n-octyl phthalate	14.28	149	1005972	50.39	ng	99
85) Indeno(1,2,3-cd)pyrene	16.23	276	513206	38.15	ng	98
87) Benzo(b)fluoranthene	14.66	252	1161699	80.74	ng	98
88) Benzo(k)fluoranthene	14.66	252	1161699	94.69	ng #	96
89) Benzo(a)pyrene	14.97	252	533944	41.81	ng	100
90) Dibenzo(a,h)anthracene	16.23	278	440520	41.97	ng	99
91) Benzo(g,h,i)perylene	16.59	276	431081	39.50	ng #	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.52 min Scan# 414

Delta R.T. -0.00 min

Lab File: BF092391.D

Acq: 21 Jan 2017 2:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

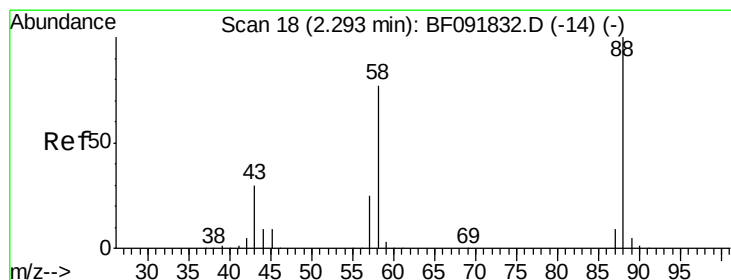
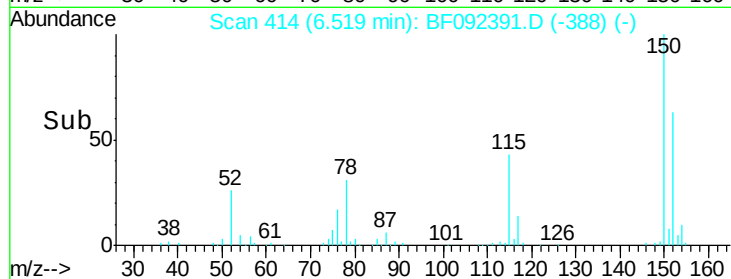
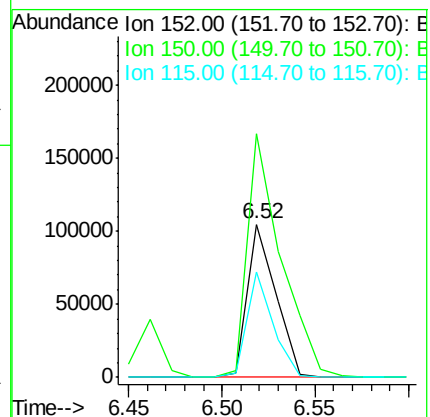
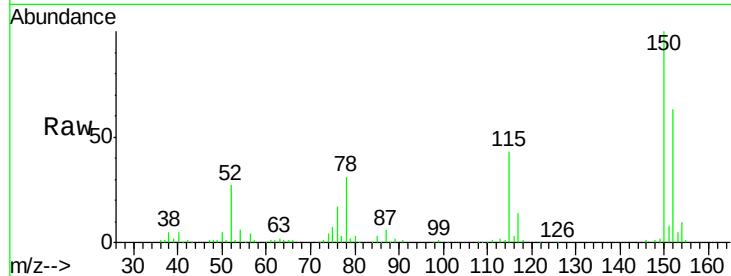
Tgt Ion:152 Resp: 110288

Ion Ratio Lower Upper

152 100

150 159.1 124.9 187.3

115 68.8 46.0 69.0



#2

1,4-Dioxane

Concen: 71.28 ng

RT: 1.91 min Scan# 11

Delta R.T. -0.01 min

Lab File: BF092391.D

Acq: 21 Jan 2017 2:08

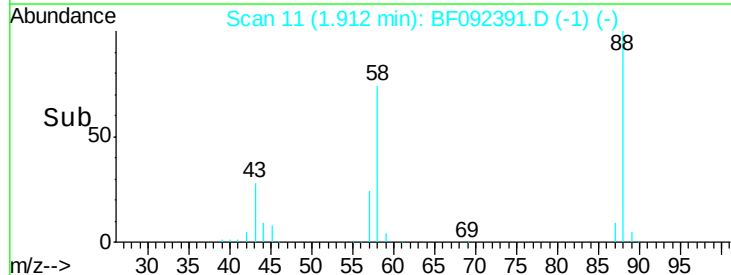
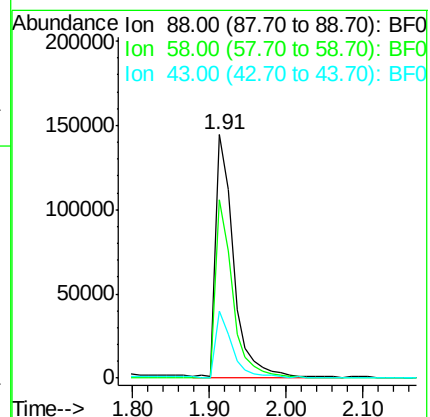
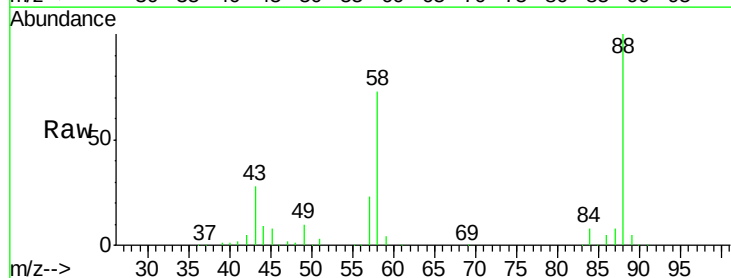
Tgt Ion: 88 Resp: 231791

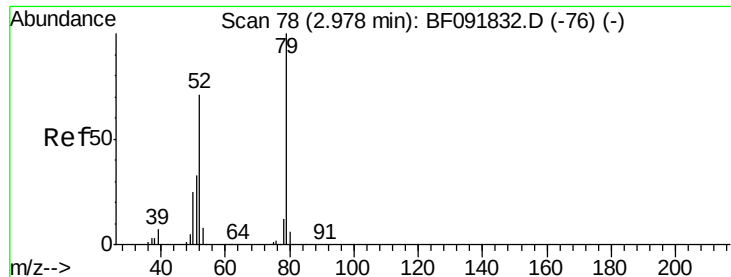
Ion Ratio Lower Upper

88 100

58 70.5 57.8 86.8

43 27.8 22.3 33.5





#3

Pyridine

Concen: 38.66 ng

RT: 2.52 min Scan# 64

Delta R.T. -0.00 min

Lab File: BF092391.D

Acq: 21 Jan 2017 2:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

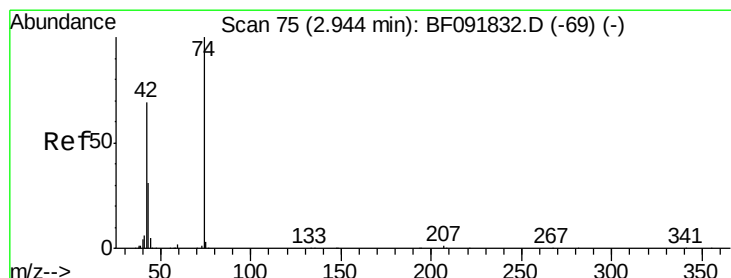
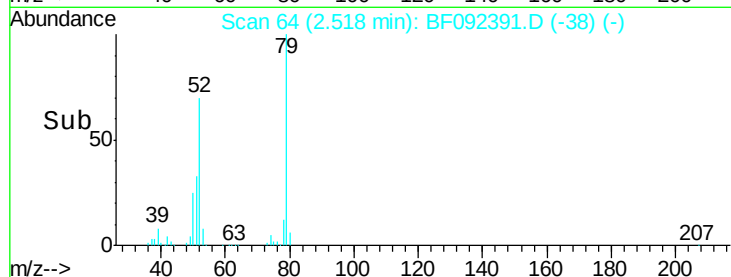
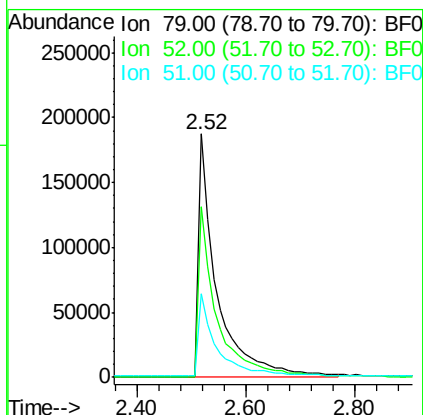
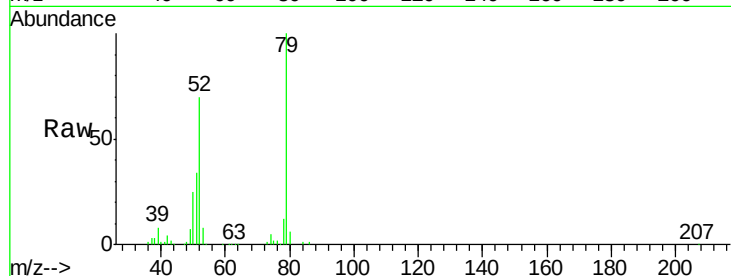
Tgt Ion: 79 Resp: 438738

Ion Ratio Lower Upper

79 100

52 69.9 57.1 85.7

51 34.2 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 43.26 ng

RT: 2.48 min Scan# 61

Delta R.T. -0.00 min

Lab File: BF092391.D

Acq: 21 Jan 2017 2:08

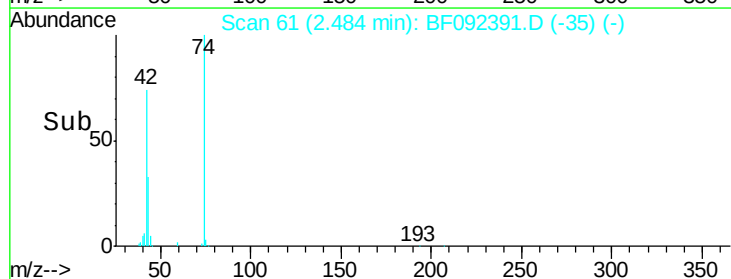
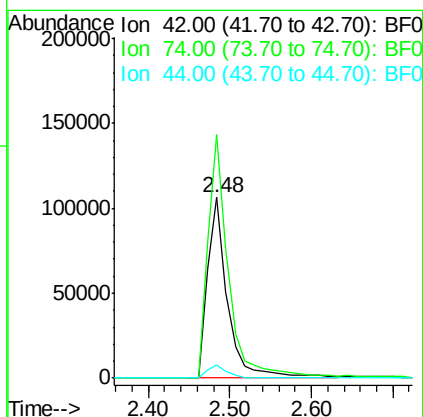
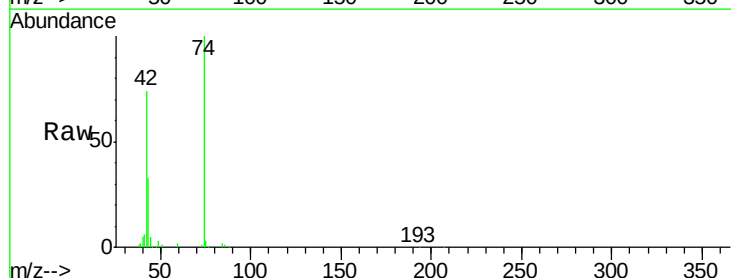
Tgt Ion: 42 Resp: 185218

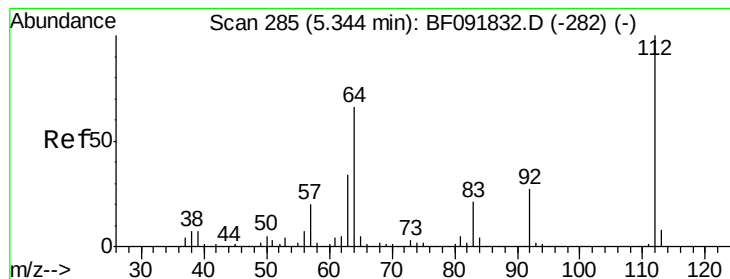
Ion Ratio Lower Upper

42 100

74 134.9 117.0 175.4

44 7.3 5.5 8.3





#5

2-Fluorophenol

Concen: 95.27 ng

RT: 5.10 min Scan# 290

Delta R.T. 0.01 min

Lab File: BF092391.D

Acq: 21 Jan 2017 2:08

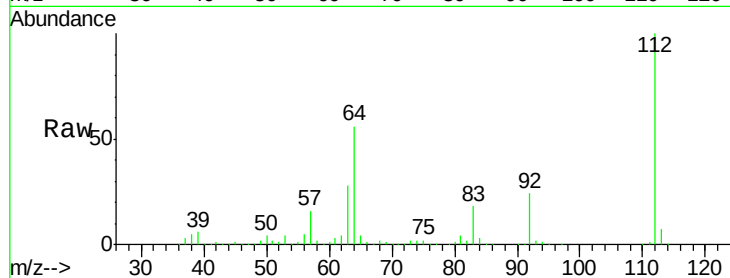
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

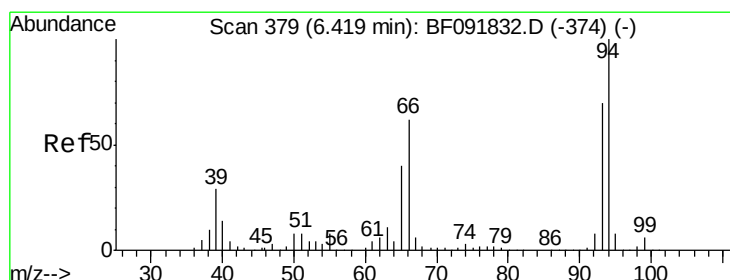
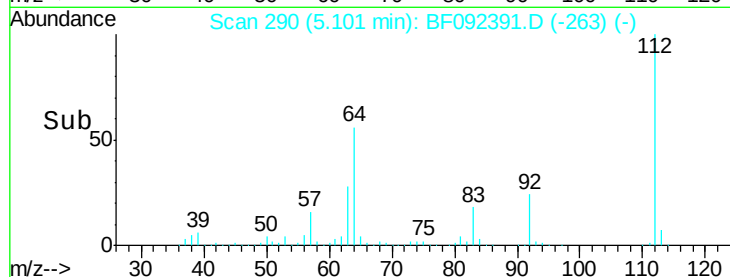
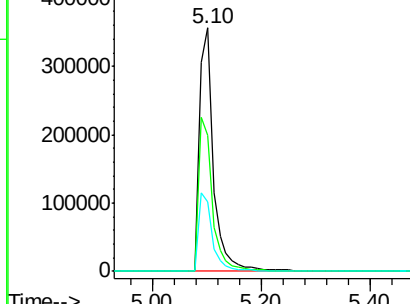
Tgt Ion:	112	Resp:	629267
Ion Ratio	Lower	Upper	
112	100		
64	55.8	46.1	69.1
63	28.3	23.8	35.6



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: 42.98 ng

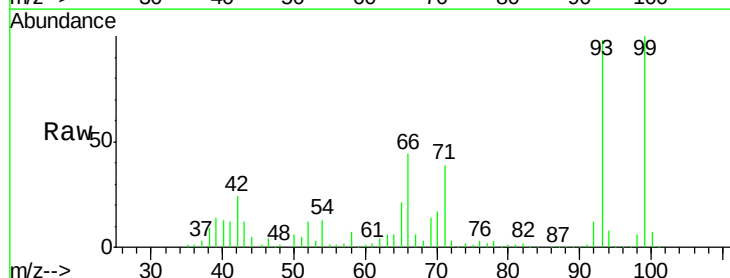
RT: 6.19 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF092391.D

Acq: 21 Jan 2017 2:08

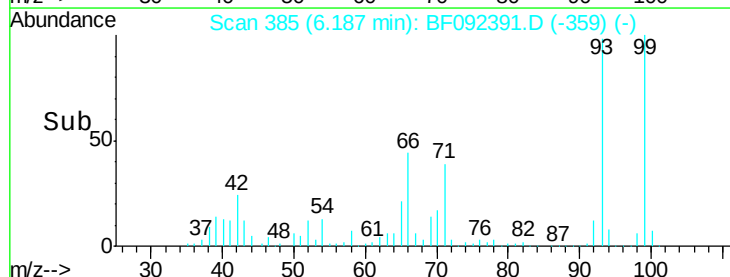
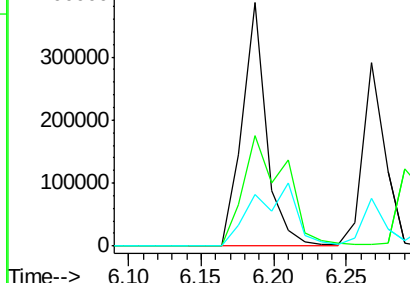
Tgt Ion:	93	Resp:	450147
Ion Ratio	Lower	Upper	
93	100		
66	45.2	76.2	114.2#
65	21.1	49.3	73.9#

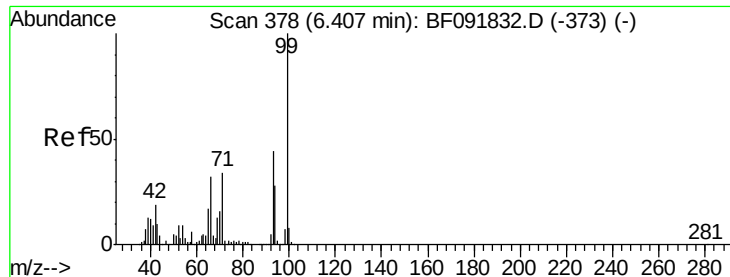


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 88.18 ng

RT: 6.20 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF092391.D

Acq: 21 Jan 2017 2:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

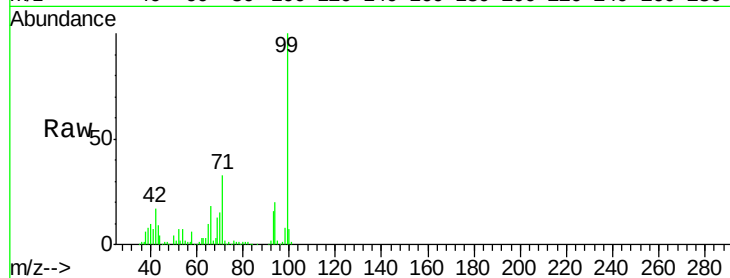
Tgt Ion: 99 Resp: 711131

Ion Ratio Lower Upper

99 100

42 17.4 15.6 23.4

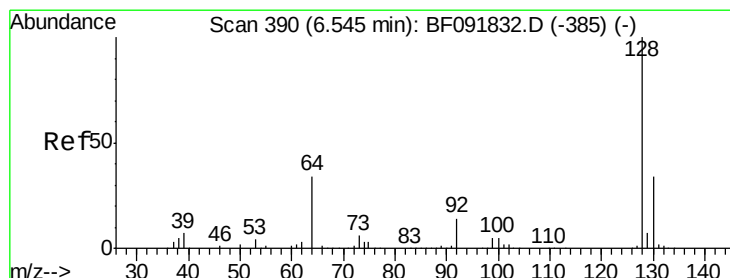
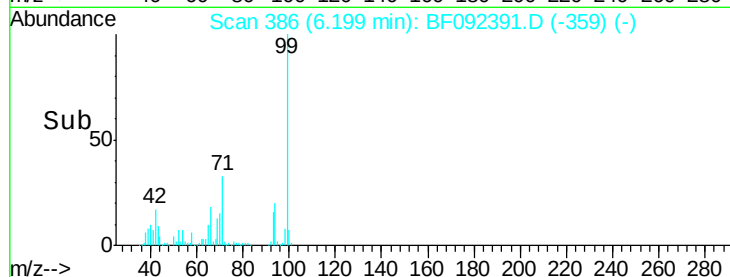
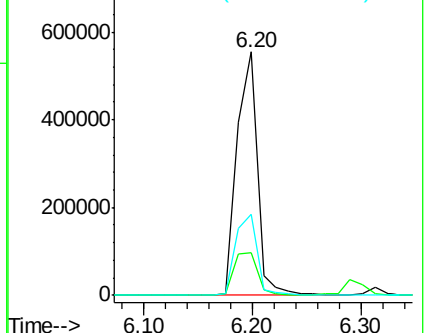
71 33.1 27.5 41.3



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: 42.75 ng

RT: 6.31 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF092391.D

Acq: 21 Jan 2017 2:08

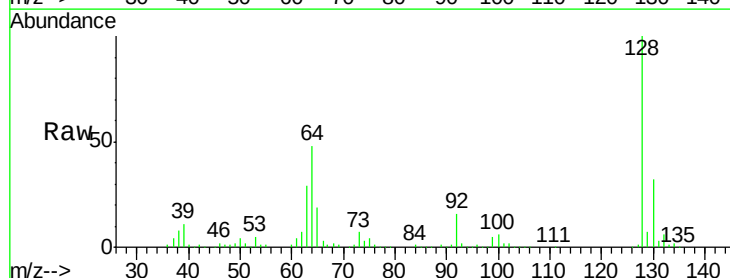
Tgt Ion: 128 Resp: 321194

Ion Ratio Lower Upper

128 100

130 32.2 12.3 52.3

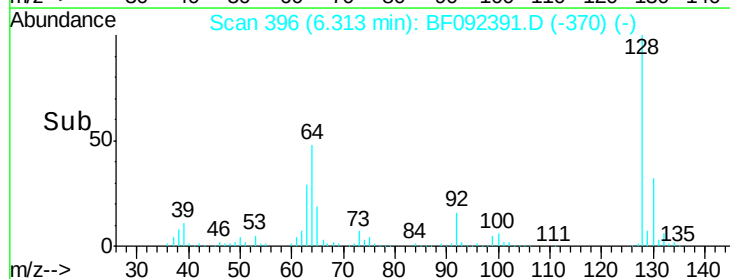
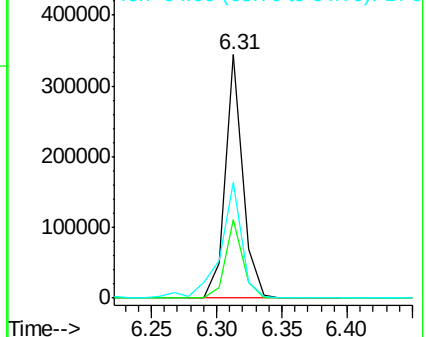
64 47.6 32.2 72.2

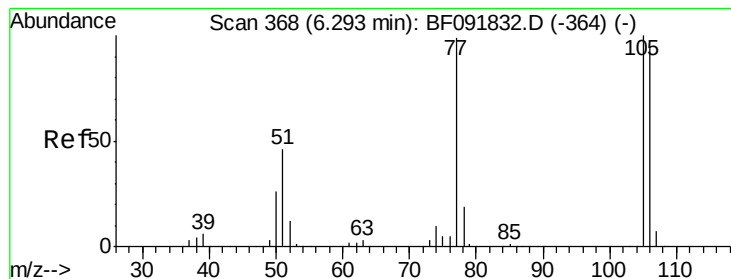


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 49.44 ng

RT: 6.06 min Scan# 374

Delta R.T. -0.00 min

Lab File: BF092391.D

Acq: 21 Jan 2017 2:08

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SSTDCCC040

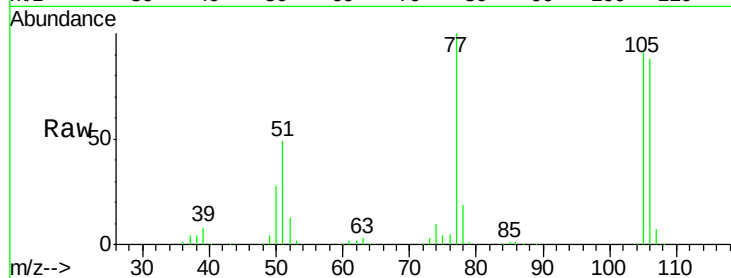
Tgt Ion: 77 Resp: 208076

Ion Ratio Lower Upper

77 100

105 91.2 83.9 123.9

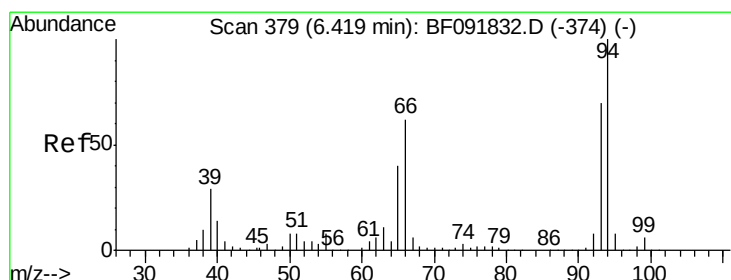
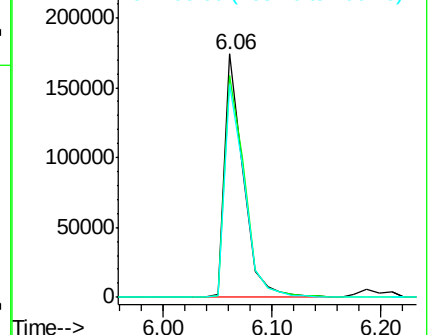
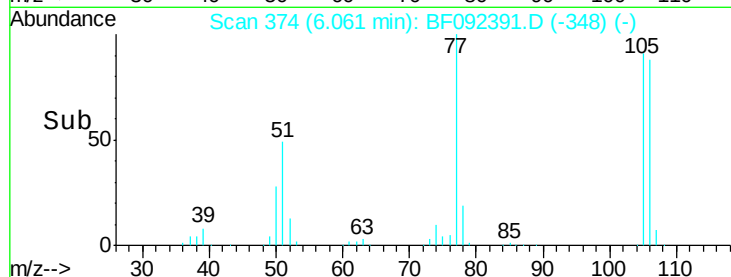
106 87.6 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 47.77 ng

RT: 6.21 min Scan# 387

Delta R.T. 0.01 min

Lab File: BF092391.D

Acq: 21 Jan 2017 2:08

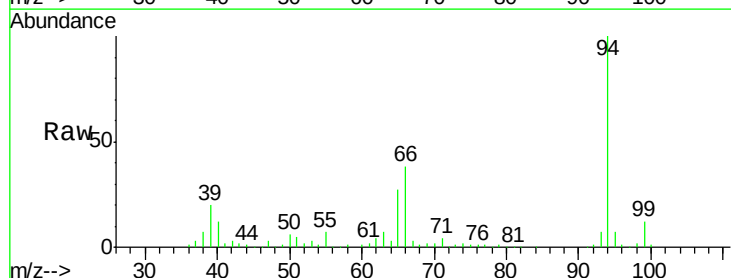
Tgt Ion: 94 Resp: 438979

Ion Ratio Lower Upper

94 100

65 27.2 21.4 61.4

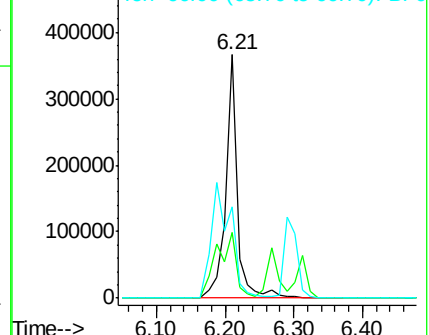
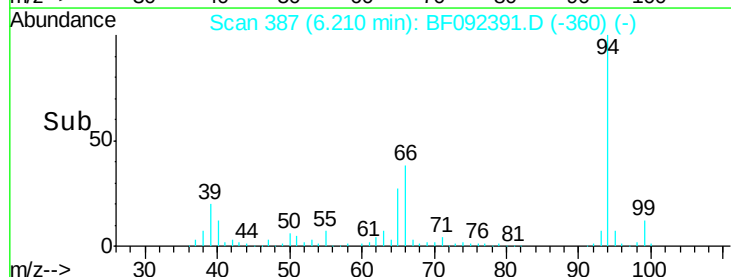
66 37.5 44.0 84.0#

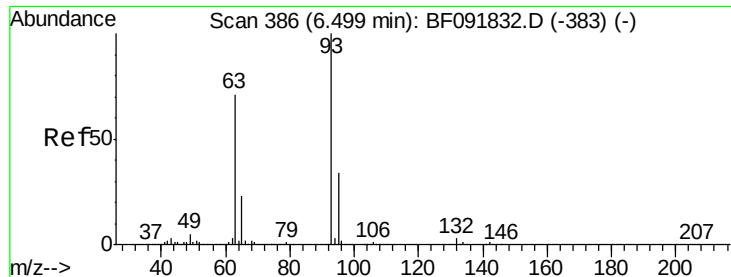


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

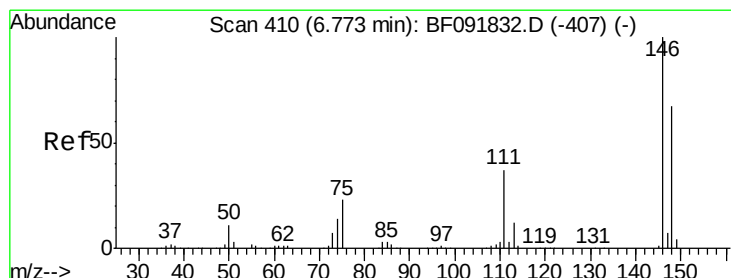
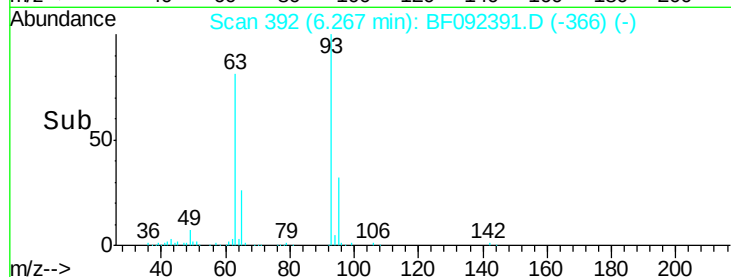
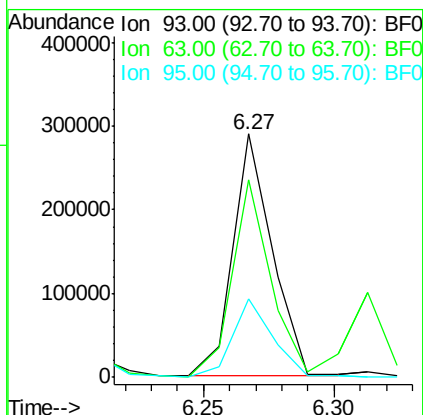
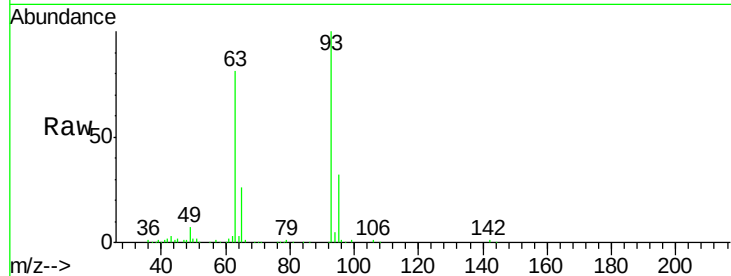




#11
bis(2-Chloroethyl)ether
Concen: 41.59 ng
RT: 6.27 min Scan# 392
Delta R.T. -0.00 min
Lab File: BF092391.D
Acq: 21 Jan 2017 2:08

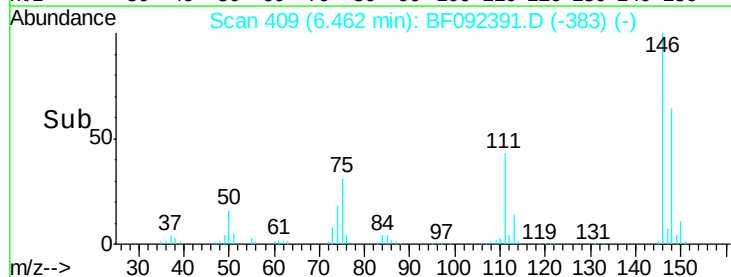
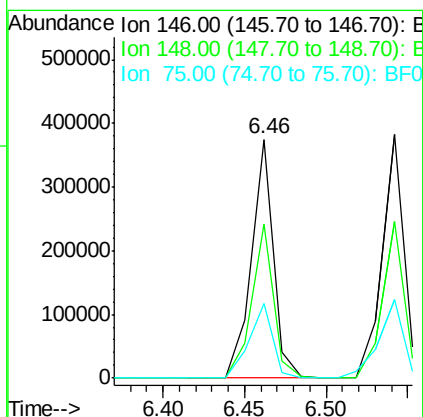
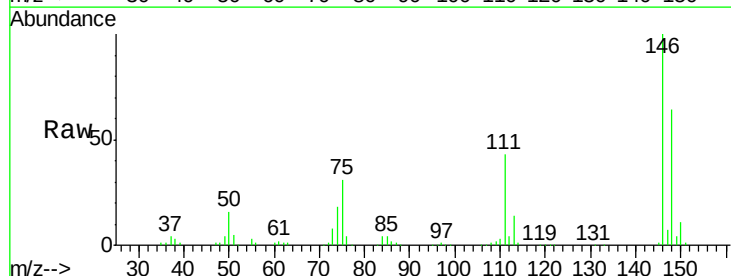
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

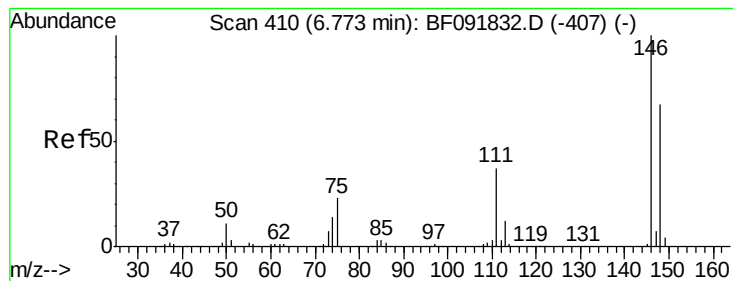
Tgt Ion: 93 Resp: 304110
Ion Ratio Lower Upper
93 100
63 81.0 60.4 100.4
95 32.1 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 43.69 ng
RT: 6.46 min Scan# 409
Delta R.T. -0.00 min
Lab File: BF092391.D
Acq: 21 Jan 2017 2:08

Tgt Ion: 146 Resp: 350461
Ion Ratio Lower Upper
146 100
148 64.3 53.4 80.0
75 31.2 18.5 27.7#





#13

1,4-Dichlorobenzene

Concen: 44.27 ng

RT: 6.54 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF092391.D

Acq: 21 Jan 2017 2:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

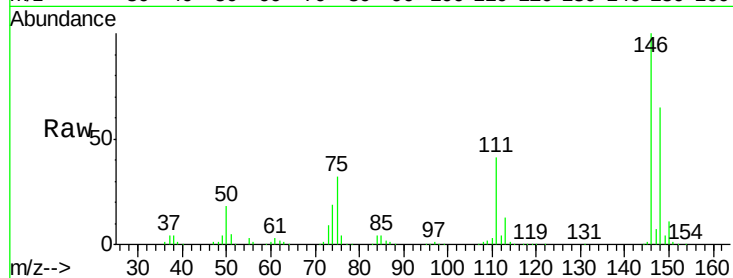
Tgt Ion:146 Resp: 361397

Ion Ratio Lower Upper

146 100

148 64.5 50.6 76.0

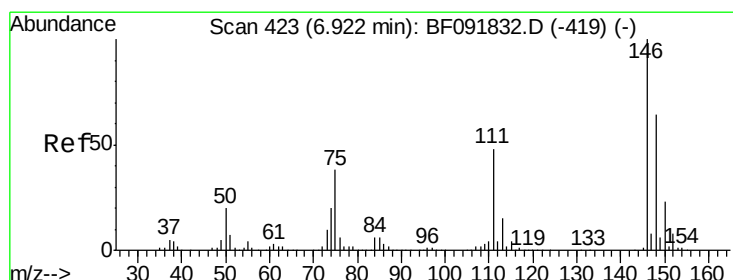
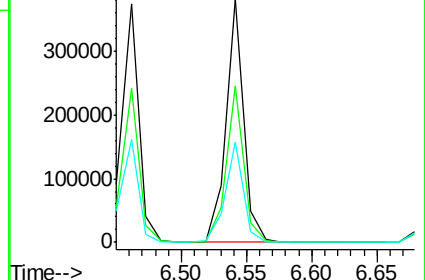
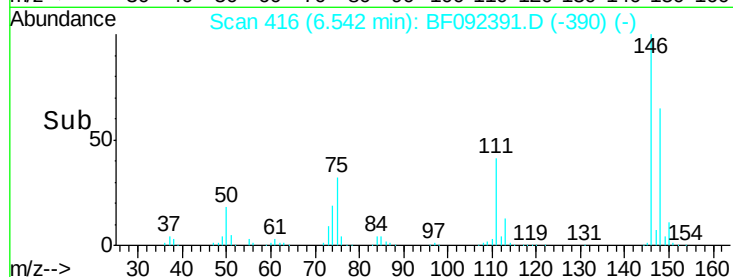
111 41.3 36.2 54.4



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: 45.90 ng

RT: 6.69 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF092391.D

Acq: 21 Jan 2017 2:08

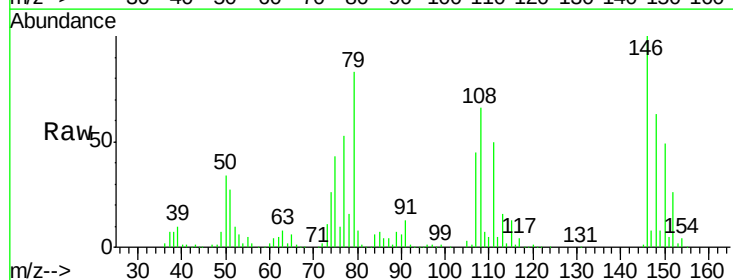
Tgt Ion:146 Resp: 325175

Ion Ratio Lower Upper

146 100

148 62.9 52.2 78.2

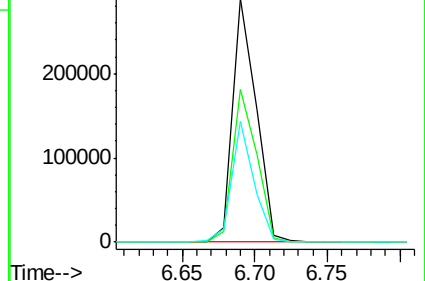
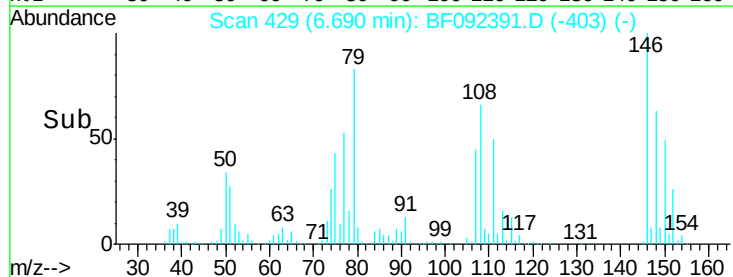
111 49.6 36.2 54.2

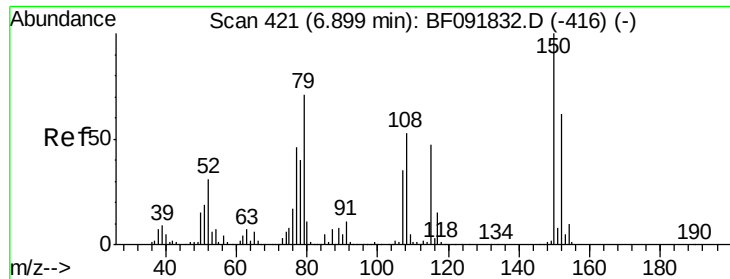


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

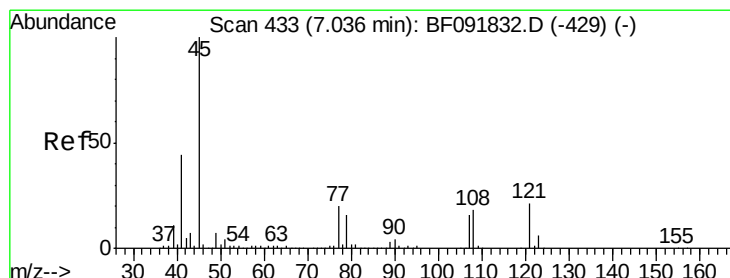
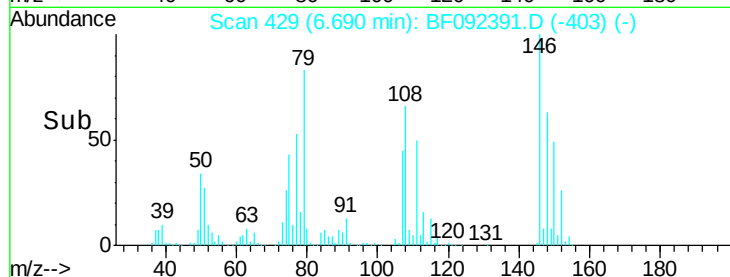
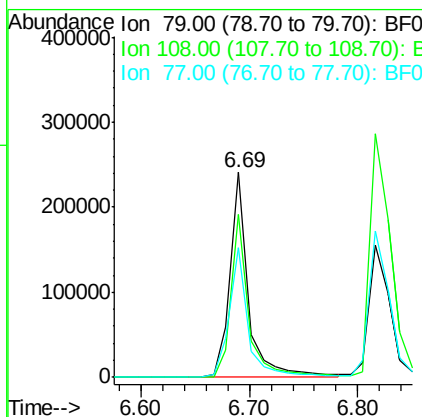
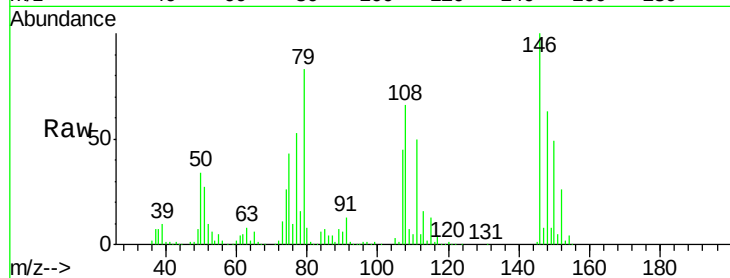




#15
Benzyl Alcohol
Concen: 44.90 ng
RT: 6.69 min Scan# 429
Delta R.T. -0.00 min
Lab File: BF092391.D
Acq: 21 Jan 2017 2:08

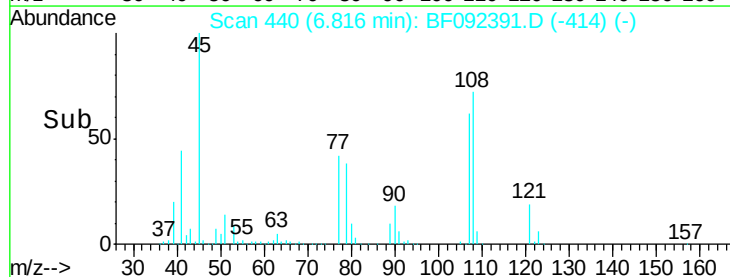
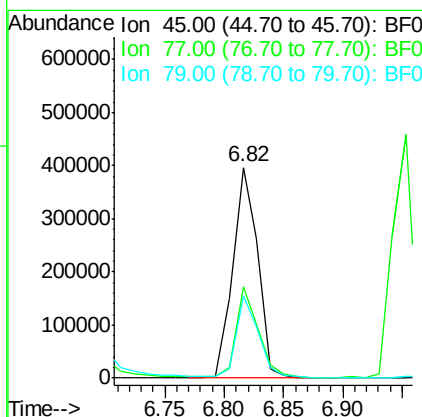
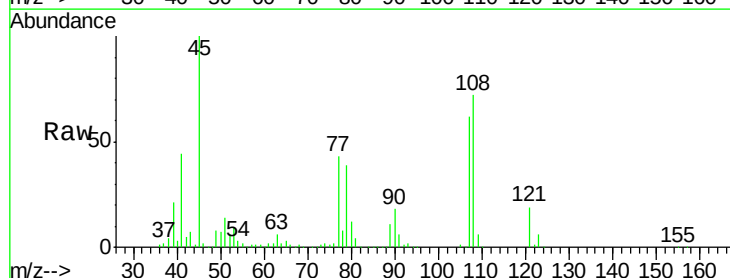
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

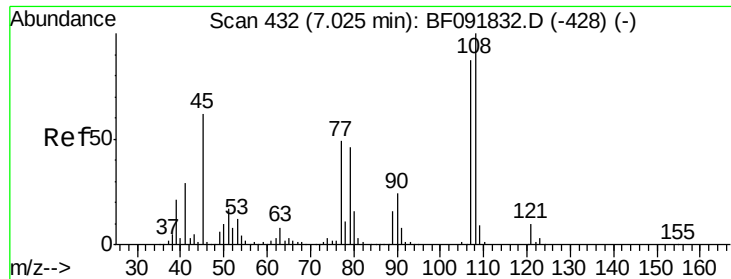
Tgt Ion: 79 Resp: 281372
Ion Ratio Lower Upper
79 100
108 79.4 61.4 92.0
77 63.3 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.76 ng
RT: 6.82 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF092391.D
Acq: 21 Jan 2017 2:08

Tgt Ion: 45 Resp: 574519
Ion Ratio Lower Upper
45 100
77 43.2 0.0 34.6#
79 39.2 0.0 31.2#

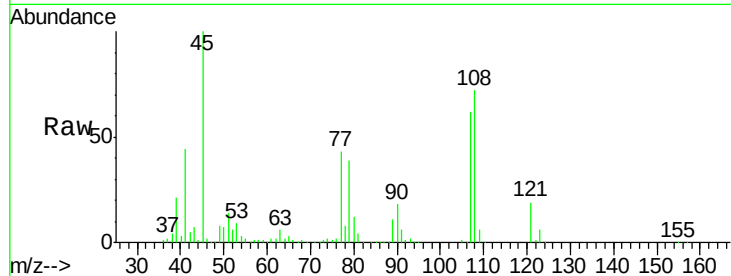




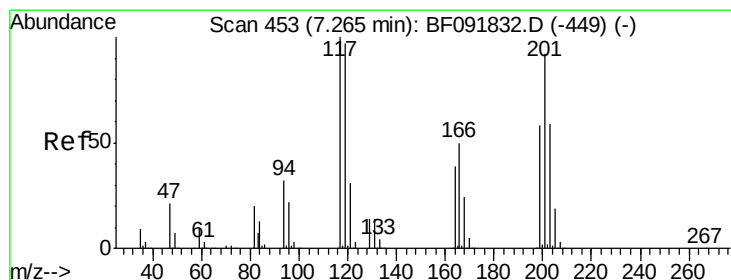
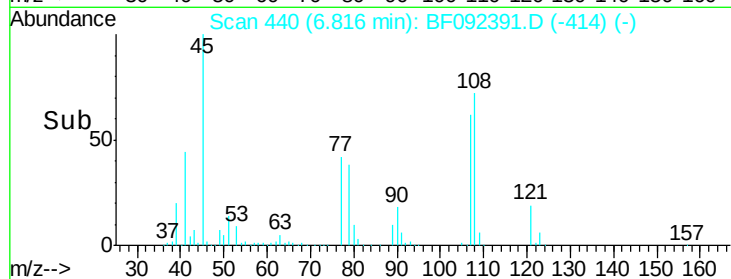
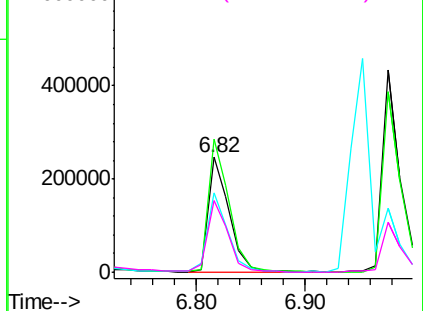
#17
2-Methylphenol
Concen: 54.08 ng
RT: 6.82 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF092391.D
Acq: 21 Jan 2017 2:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 326762
Ion Ratio Lower Upper
107 100
108 116.1 93.0 139.6
77 69.6 39.8 59.8#
79 63.0 38.0 57.0#

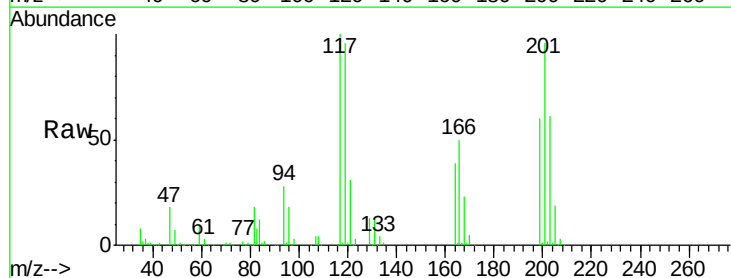


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

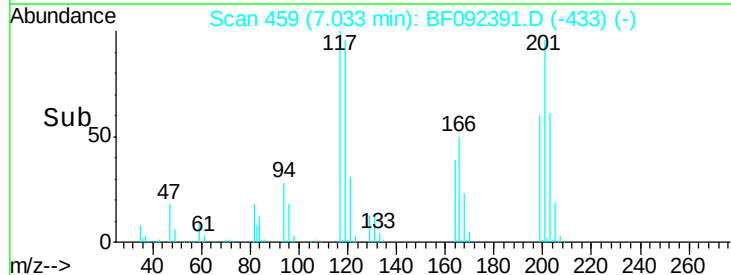
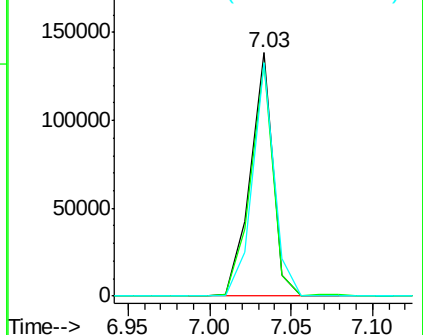


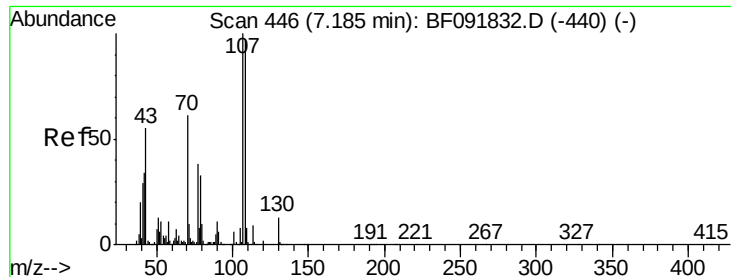
#18
Hexachloroethane
Concen: 44.09 ng
RT: 7.03 min Scan# 459
Delta R.T. -0.00 min
Lab File: BF092391.D
Acq: 21 Jan 2017 2:08

Tgt Ion:117 Resp: 133430
Ion Ratio Lower Upper
117 100
119 95.7 78.1 117.1
201 95.9 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

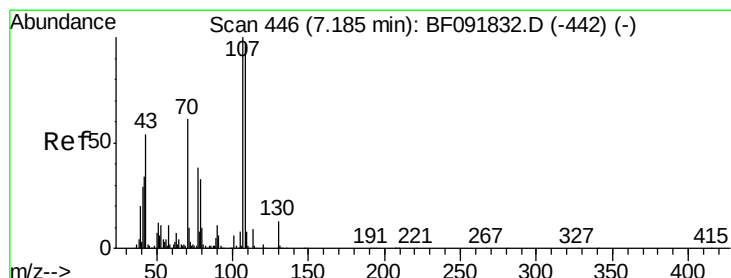
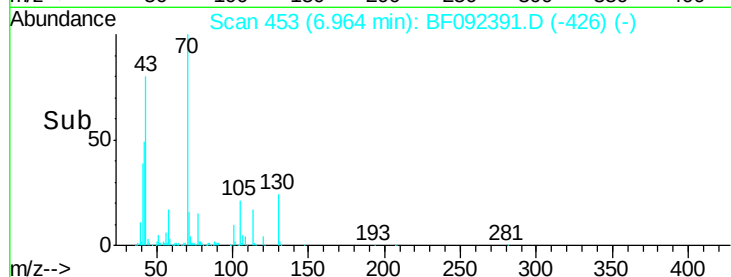
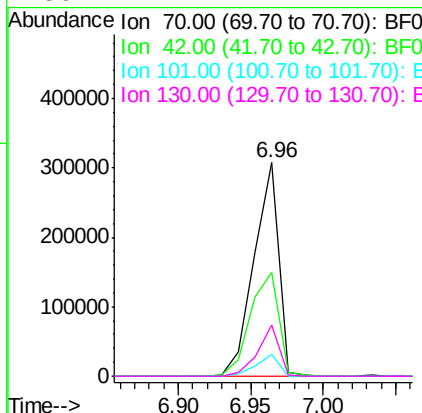
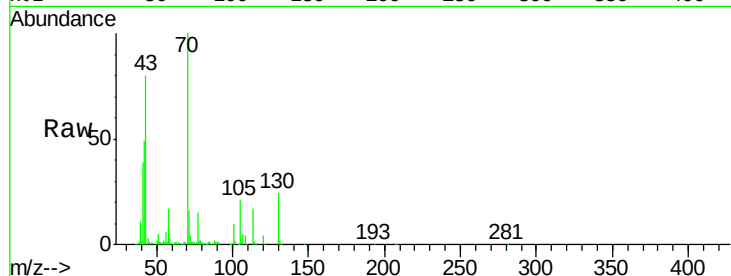




#19
n-Nitroso-di-n-propylamine
Concen: 67.91 ng
RT: 6.96 min Scan# 453
Delta R.T. 0.01 min
Lab File: BF092391.D
Acq: 21 Jan 2017 2:08

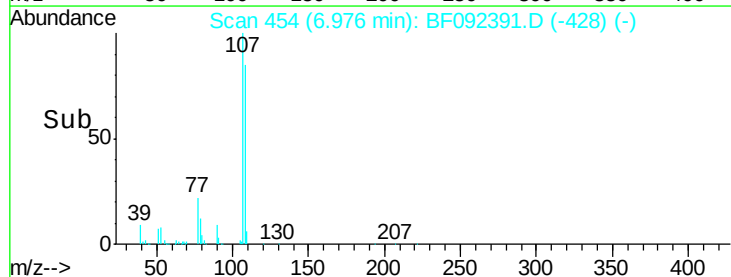
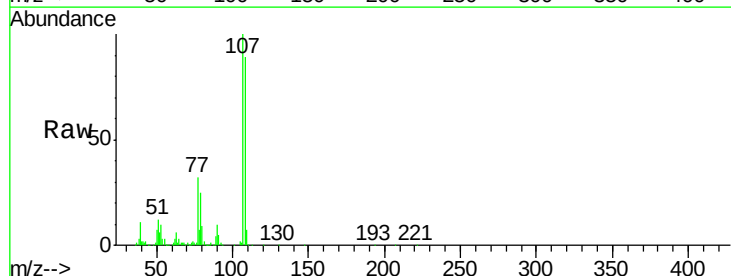
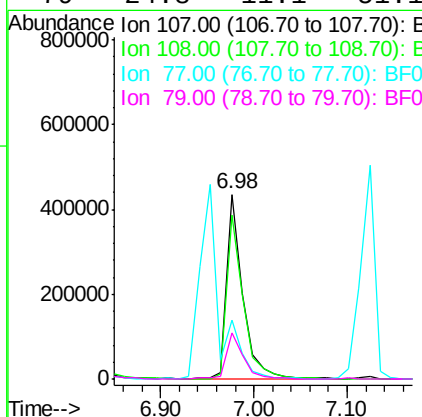
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

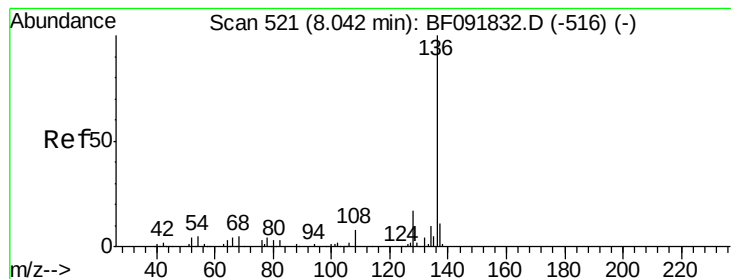
Tgt Ion: 70 Resp: 364340
Ion Ratio Lower Upper
70 100
42 48.8 49.4 74.0#
101 10.0 7.4 11.2
130 24.1 14.2 21.4#



#20
3+4-Methylphenols
Concen: 71.93 ng
RT: 6.98 min Scan# 454
Delta R.T. -0.00 min
Lab File: BF092391.D
Acq: 21 Jan 2017 2:08

Tgt Ion: 107 Resp: 518379
Ion Ratio Lower Upper
107 100
108 88.8 73.0 113.0
77 31.8 71.3 111.3#
79 24.8 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.81 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF092391.D

Acq: 21 Jan 2017 2:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 660894

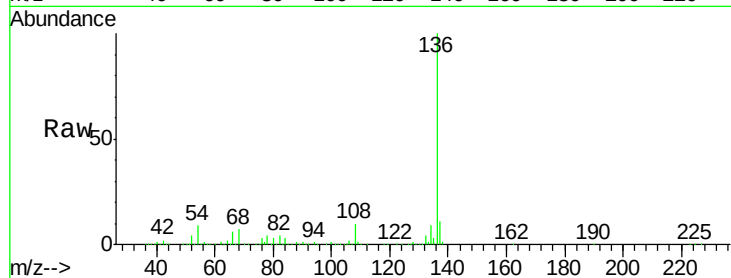
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 8.9 4.5 6.7#

68 7.0 3.6 5.4#

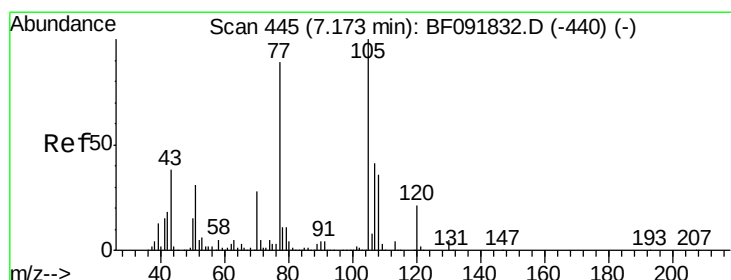
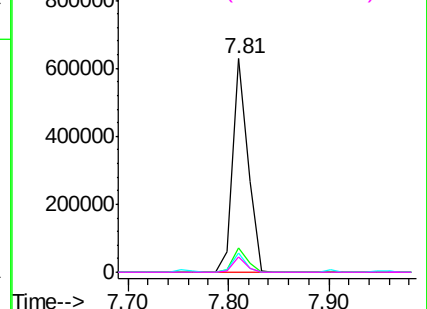
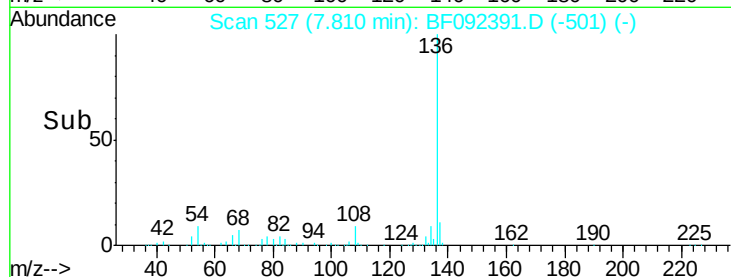


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 44.33 ng

RT: 6.95 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF092391.D

Acq: 21 Jan 2017 2:08

Tgt Ion:105 Resp: 722654

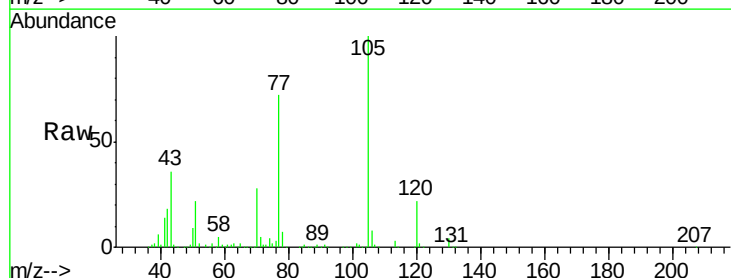
Ion Ratio Lower Upper

105 100

71 4.8 3.2 4.8

51 22.0 26.2 39.4#

120 21.9 16.6 24.8

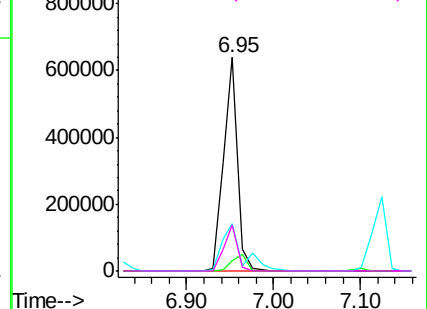
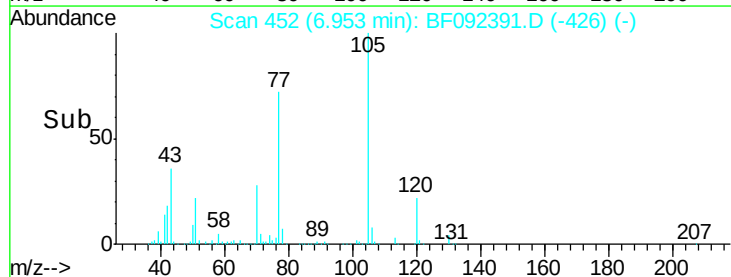


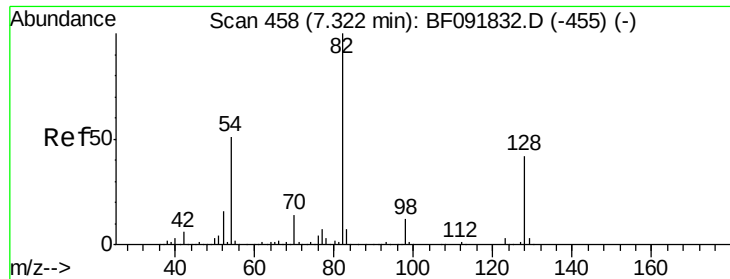
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

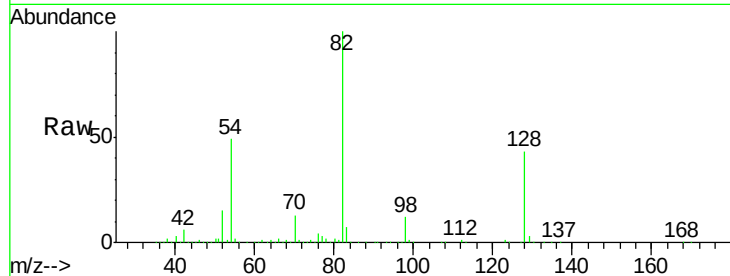




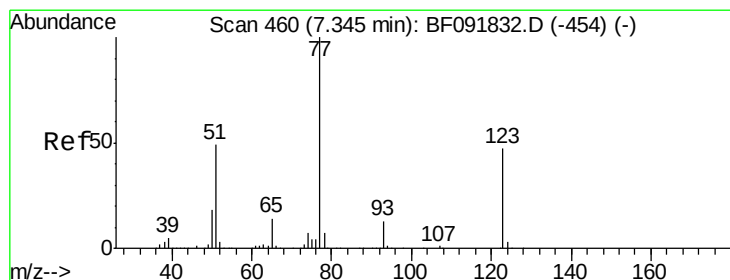
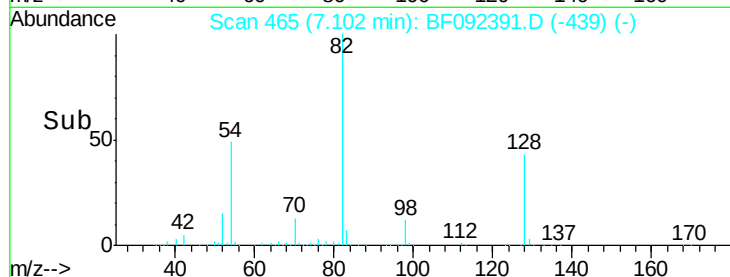
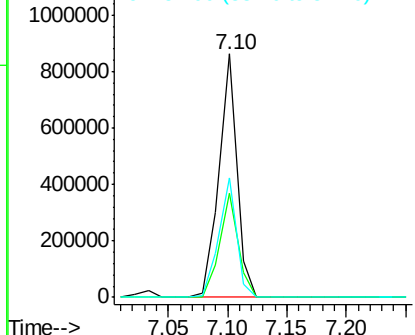
#23
 Nitrobenzene-d5
 Concen: 75.74 ng
 RT: 7.10 min Scan# 465
 Delta R.T. -0.00 min
 Lab File: BF092391.D
 Acq: 21 Jan 2017 2:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.6	52.0
54	48.9	39.5	59.3

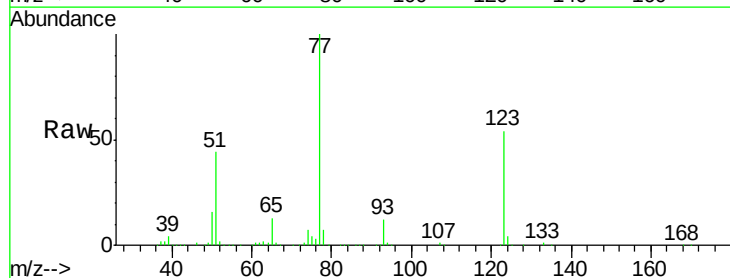


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

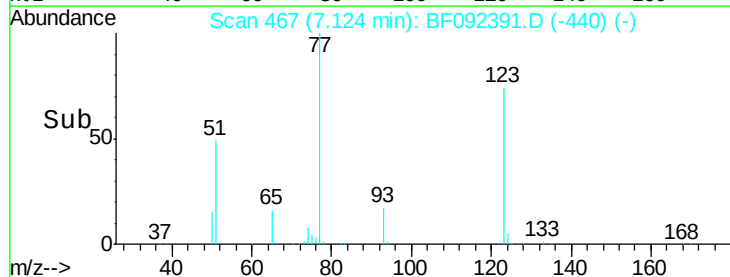
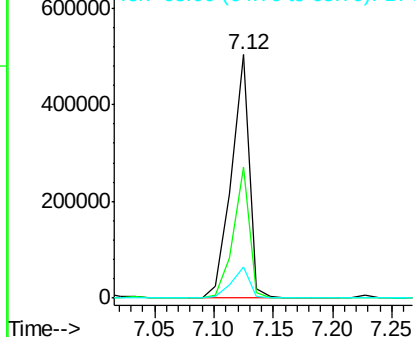


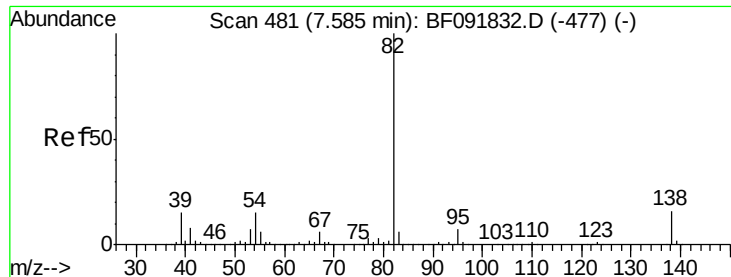
#24
 Nitrobenzene
 Concen: 41.38 ng
 RT: 7.12 min Scan# 467
 Delta R.T. 0.01 min
 Lab File: BF092391.D
 Acq: 21 Jan 2017 2:08

Tgt Ion	Ratio	Lower	Upper
77	100		
123	53.8	33.0	49.4#
65	12.7	11.2	16.8



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





#25

Isophorone

Concen: 40.83 ng

RT: 7.36 min Scan# 488

Delta R.T. -0.00 min

Lab File: BF092391.D

Acq: 21 Jan 2017 2:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

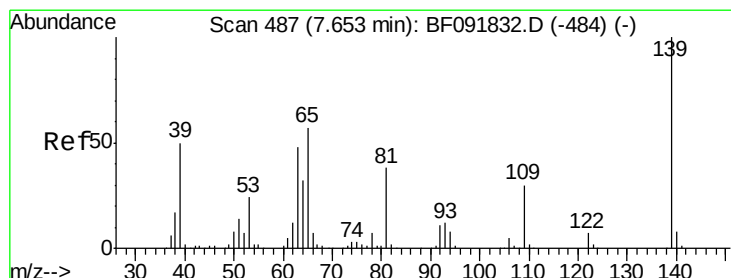
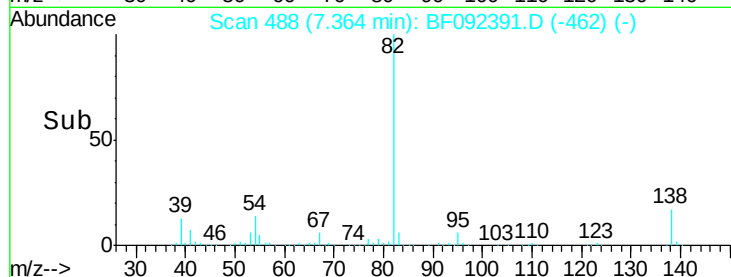
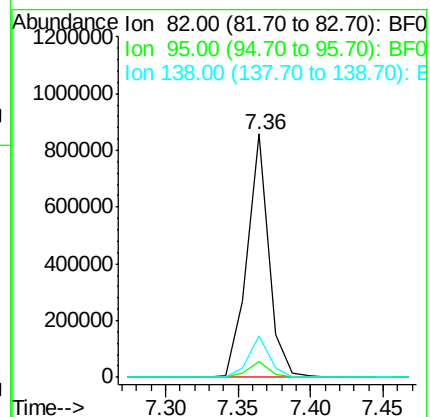
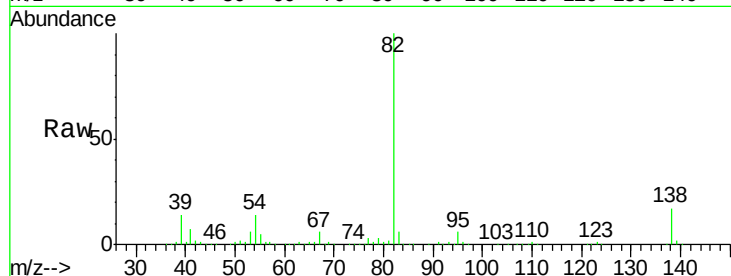
Tgt Ion: 82 Resp: 895268

Ion Ratio Lower Upper

82 100

95 6.5 5.6 8.4

138 17.1 14.6 22.0



#26

2-Nitrophenol

Concen: 24.05 ng

RT: 7.44 min Scan# 495

Delta R.T. 0.01 min

Lab File: BF092391.D

Acq: 21 Jan 2017 2:08

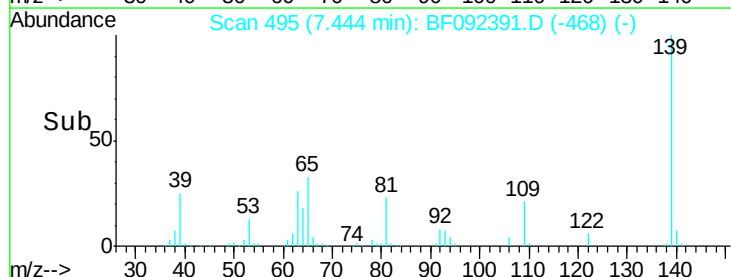
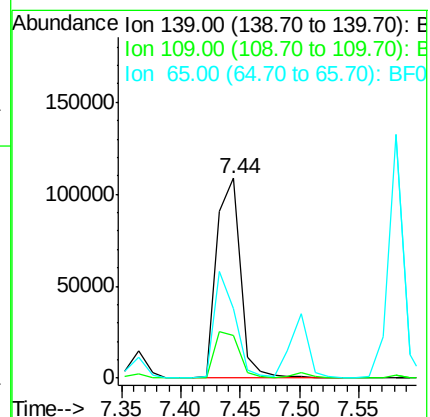
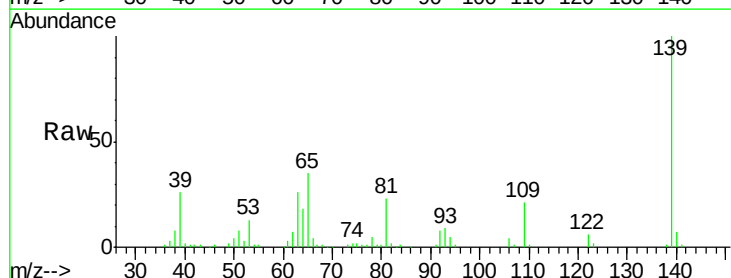
Tgt Ion: 139 Resp: 150120

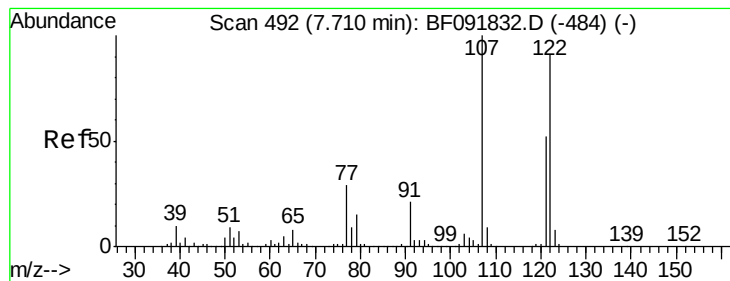
Ion Ratio Lower Upper

139 100

109 21.4 23.3 34.9#

65 34.8 42.7 64.1#





#27

2,4-Dimethylphenol

Concen: 40.07 ng

RT: 7.50 min Scan# 500

Delta R.T. 0.01 min

Lab File: BF092391.D

Acq: 21 Jan 2017 2:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

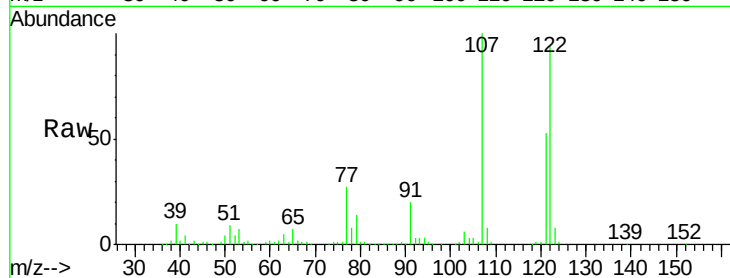
Tgt Ion:122 Resp: 414865

Ion Ratio Lower Upper

122 100

107 106.0 94.1 141.1

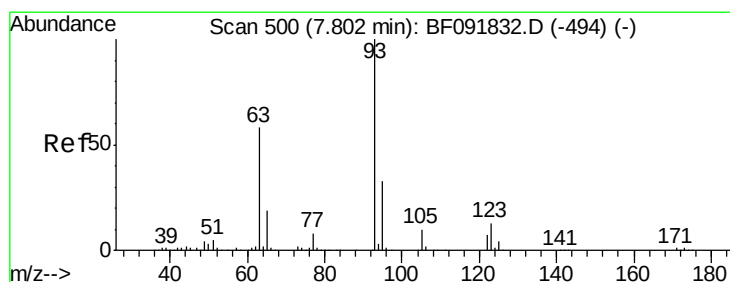
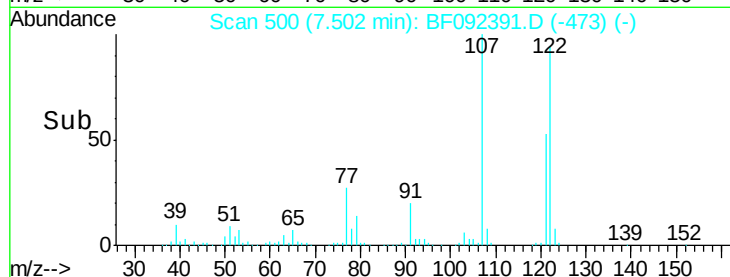
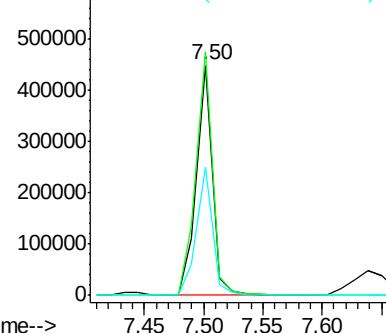
121 55.7 46.0 69.0



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: 41.12 ng

RT: 7.58 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF092391.D

Acq: 21 Jan 2017 2:08

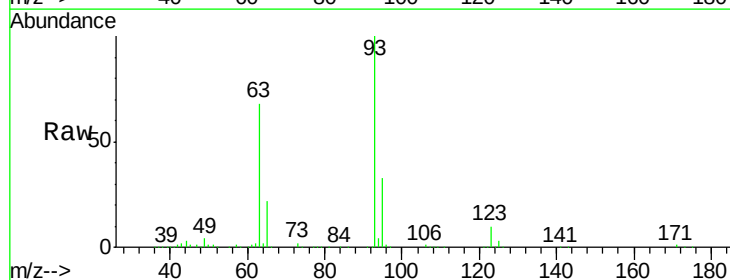
Tgt Ion: 93 Resp: 546757

Ion Ratio Lower Upper

93 100

95 32.9 26.5 39.7

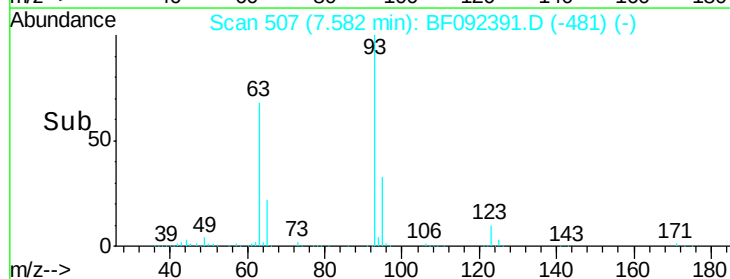
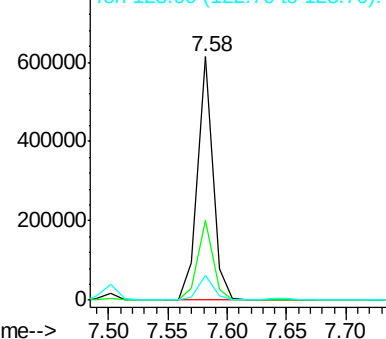
123 10.1 8.6 13.0

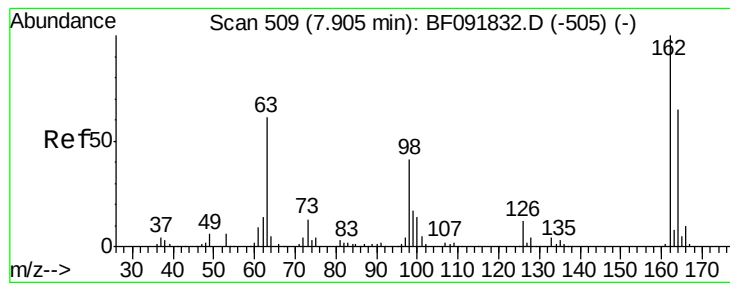


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.39 ng

RT: 7.70 min Scan# 517

Delta R.T. -0.00 min

Lab File: BF092391.D

Acq: 21 Jan 2017 2:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

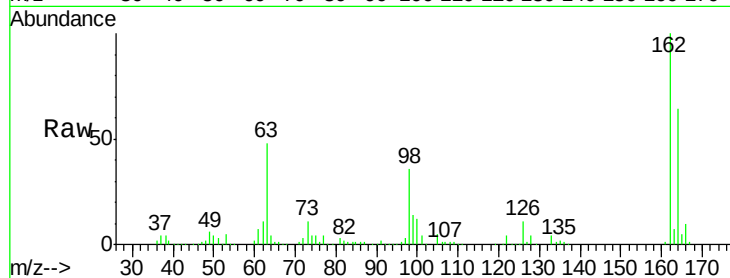
Tgt Ion:162 Resp: 345314

Ion Ratio Lower Upper

162 100

164 63.9 46.8 86.8

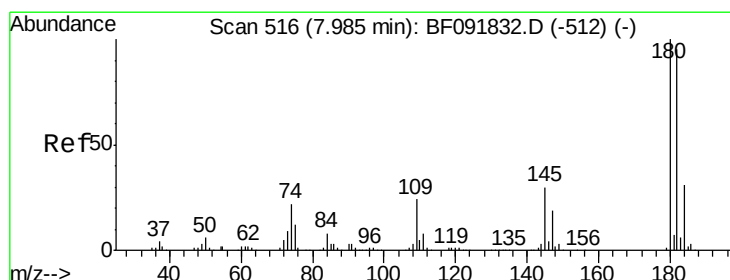
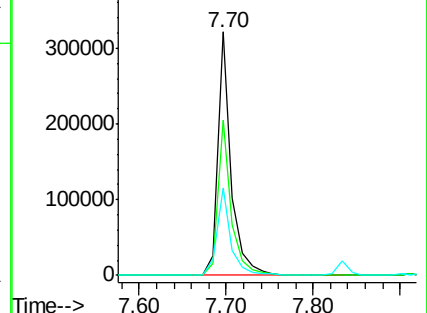
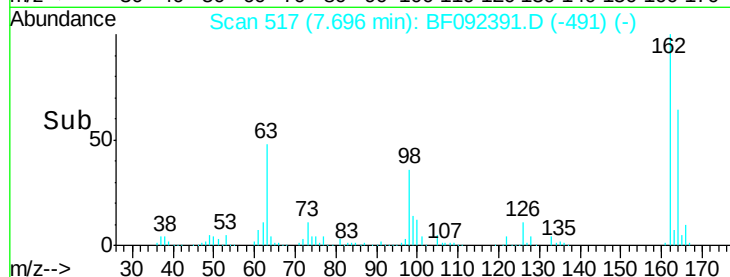
98 35.9 9.1 49.1



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: 41.61 ng

RT: 7.76 min Scan# 523

Delta R.T. 0.01 min

Lab File: BF092391.D

Acq: 21 Jan 2017 2:08

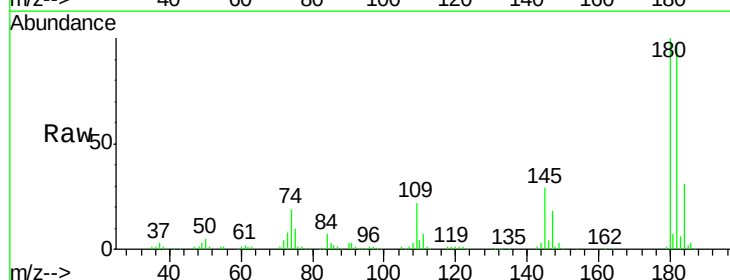
Tgt Ion:180 Resp: 399783

Ion Ratio Lower Upper

180 100

182 97.2 78.2 117.4

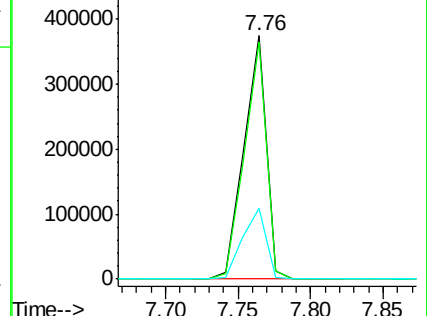
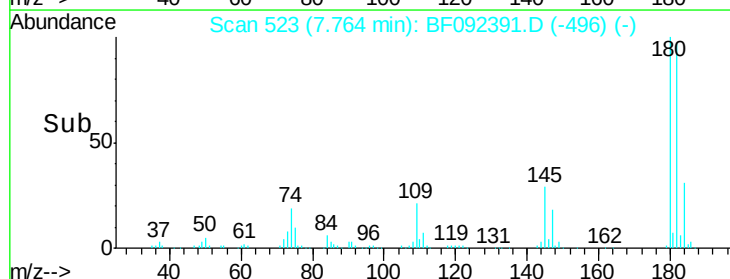
145 28.9 21.6 32.4

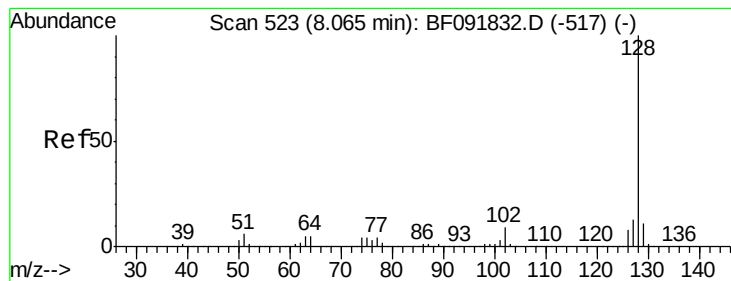


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.82 ng

RT: 7.83 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF092391.D

Acq: 21 Jan 2017 2:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

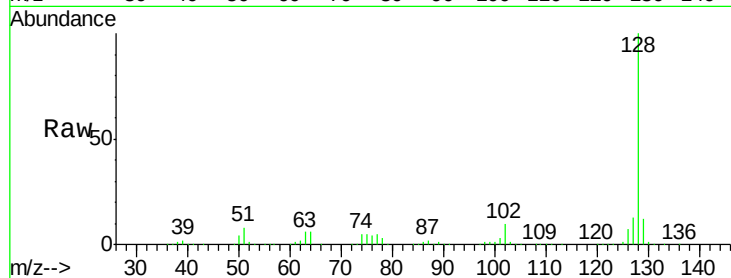
Tgt Ion:128 Resp: 1234704

Ion Ratio Lower Upper

128 100

129 11.6 9.5 14.3

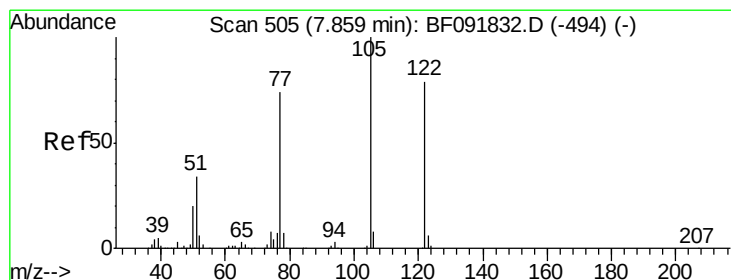
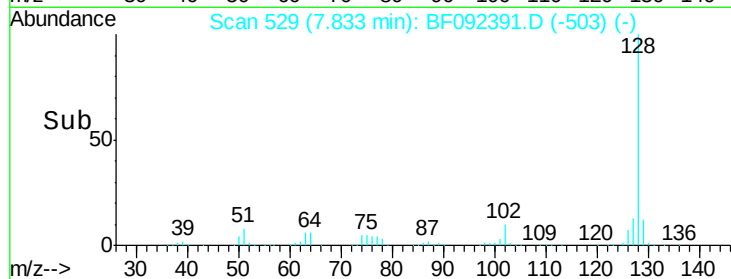
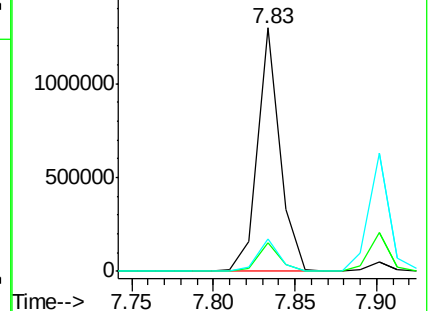
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 13.31 ng

RT: 7.64 min Scan# 512

Delta R.T. -0.02 min

Lab File: BF092391.D

Acq: 21 Jan 2017 2:08

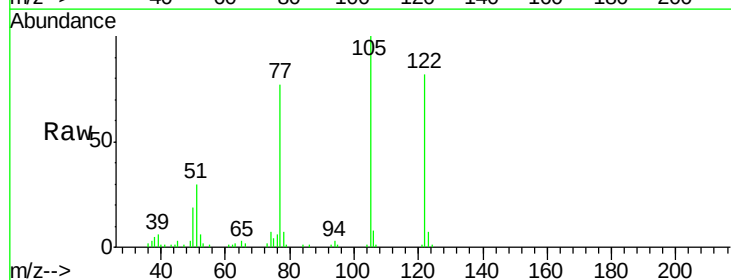
Tgt Ion:122 Resp: 102226

Ion Ratio Lower Upper

122 100

105 122.2 107.2 147.2

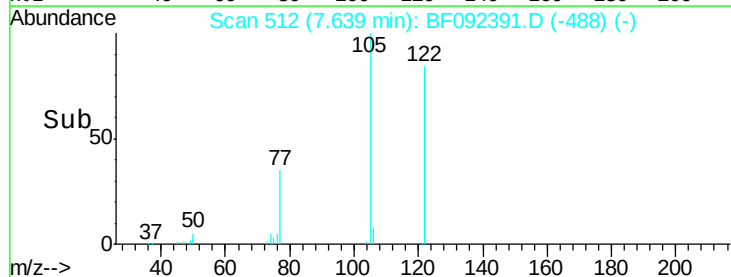
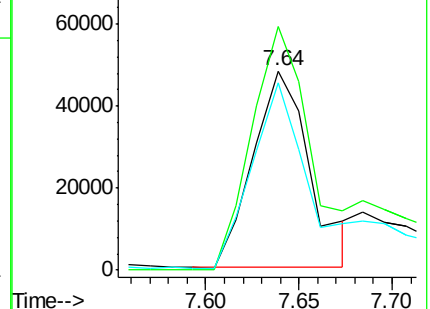
77 94.1 74.5 114.5

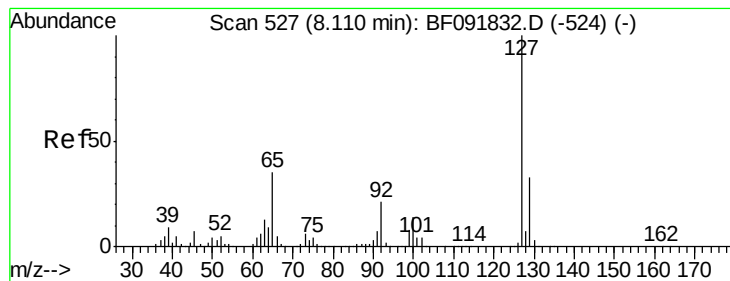


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 41.64 ng

RT: 7.90 min Scan# 535

Delta R.T. -0.00 min

Lab File: BF092391.D

Acq: 21 Jan 2017 2:08

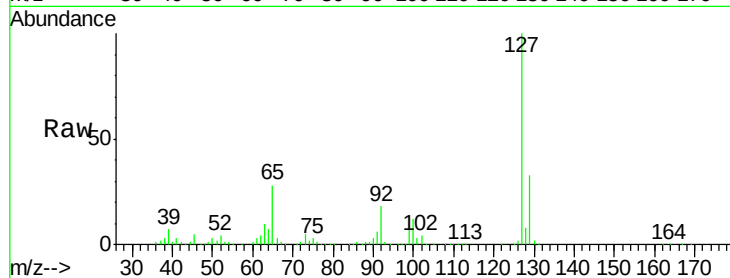
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:	127	Resp:	567924
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.3	39.5
65	27.5	25.8	38.8
92	17.9	16.1	24.1

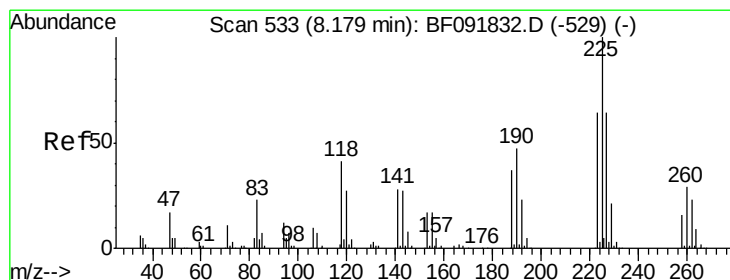
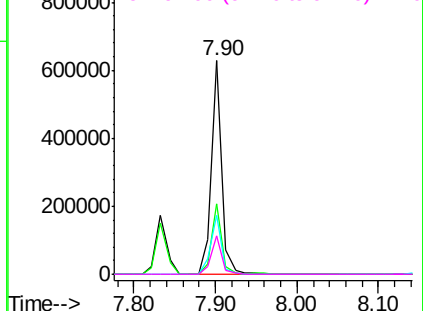
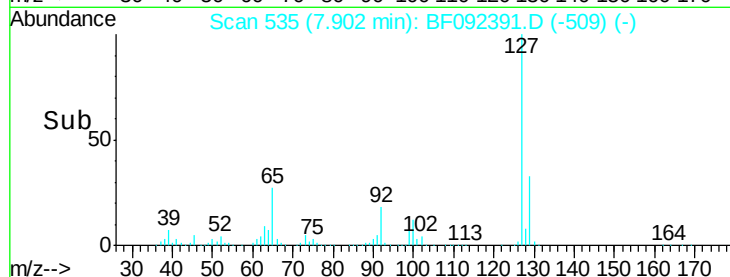


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 44.48 ng

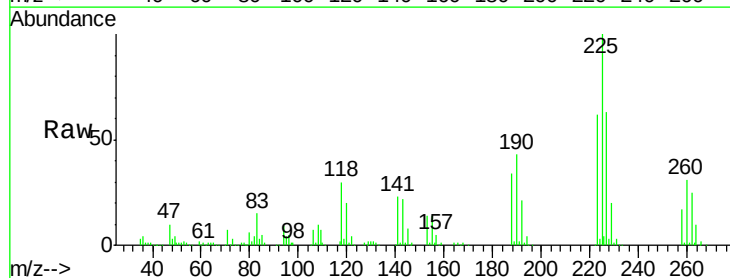
RT: 7.96 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF092391.D

Acq: 21 Jan 2017 2:08

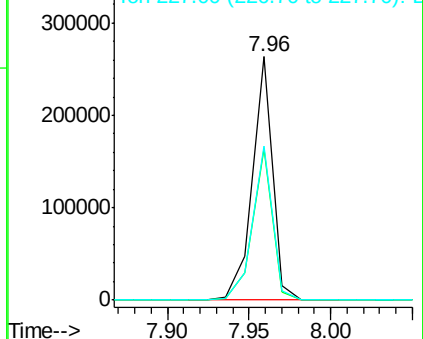
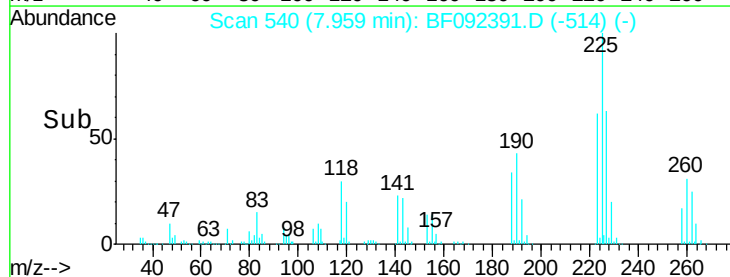
Tgt Ion:	225	Resp:	225580
Ion	Ratio	Lower	Upper
225	100		
223	62.4	51.0	76.6
227	63.4	50.6	76.0

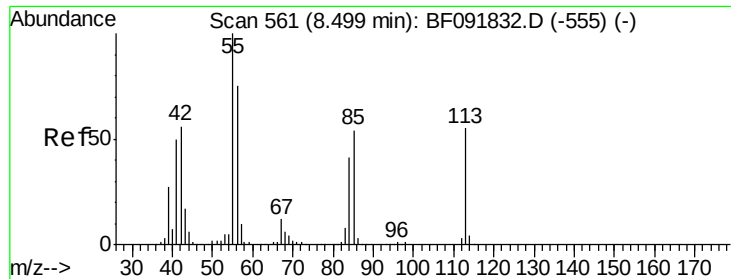


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

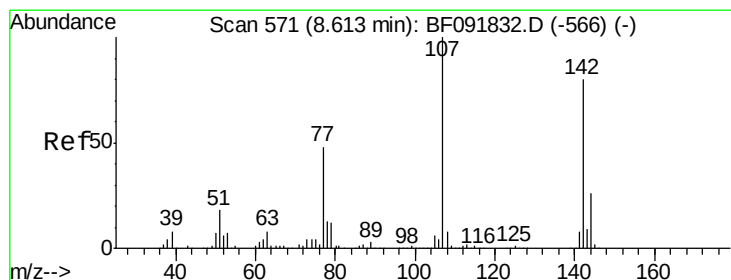
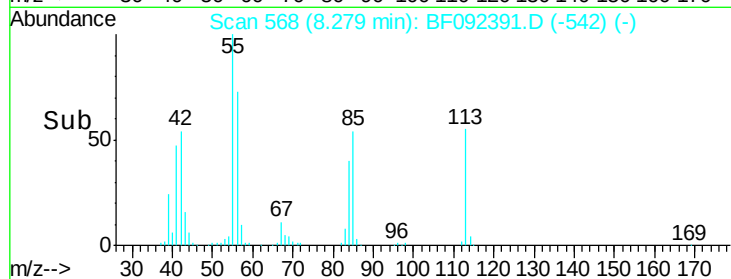
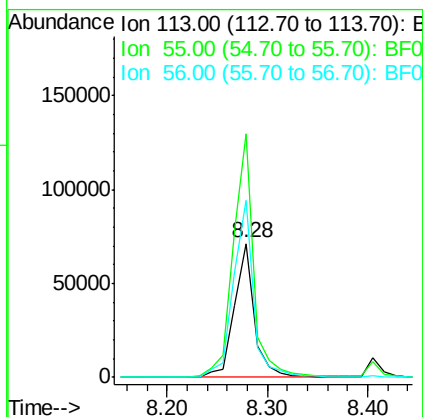
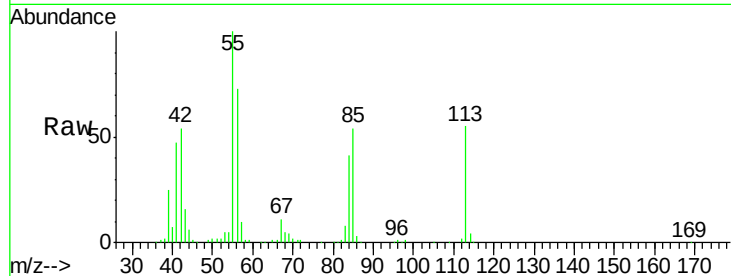




#35
 Caprolactam
 Concen: 34.12 ng
 RT: 8.28 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: BF092391.D
 Acq: 21 Jan 2017 2:08

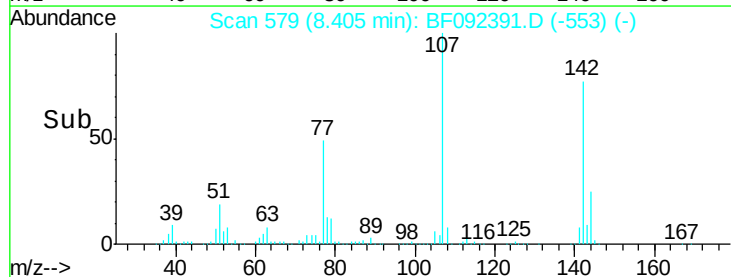
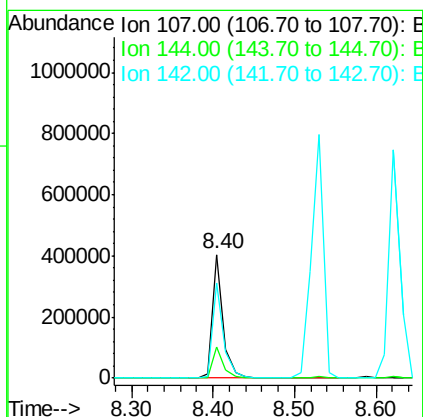
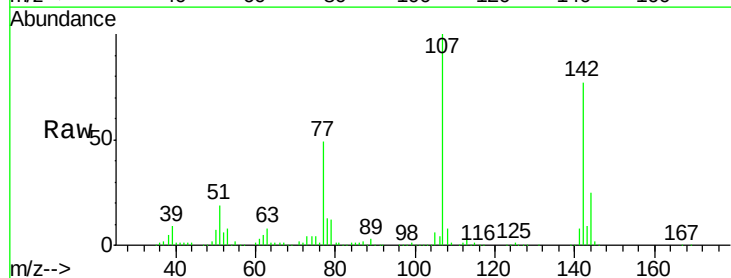
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

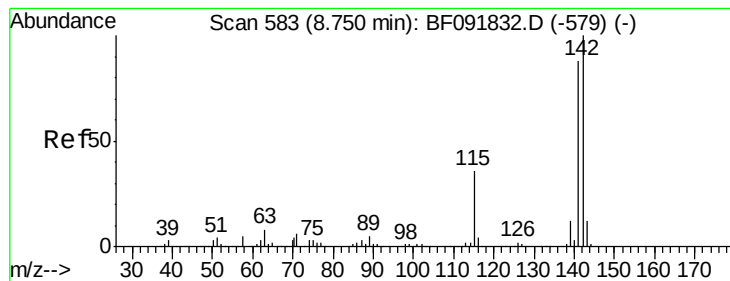
Tgt Ion:113 Resp: 98299
 Ion Ratio Lower Upper
 113 100
 55 181.6 119.2 159.2#
 56 132.5 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 37.44 ng
 RT: 8.40 min Scan# 579
 Delta R.T. -0.00 min
 Lab File: BF092391.D
 Acq: 21 Jan 2017 2:08

Tgt Ion:107 Resp: 377760
 Ion Ratio Lower Upper
 107 100
 144 25.1 19.3 28.9
 142 77.3 59.0 88.6





#37

2-Methylnaphthalene

Concen: 43.86 ng

RT: 8.53 min Scan# 590

Delta R.T. 0.01 min

Lab File: BF092391.D

Acq: 21 Jan 2017 2:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

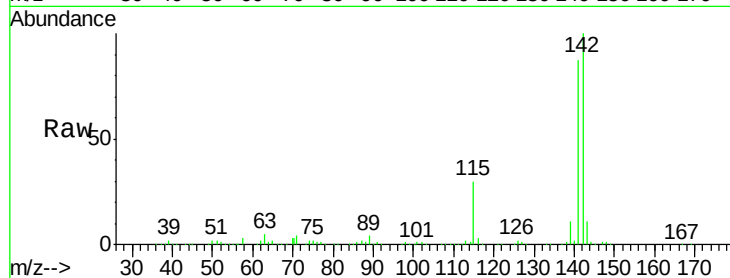
Tgt Ion:142 Resp: 811350

Ion Ratio Lower Upper

142 100

141 87.3 71.0 106.6

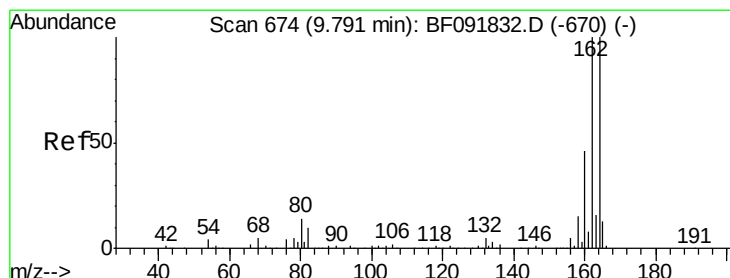
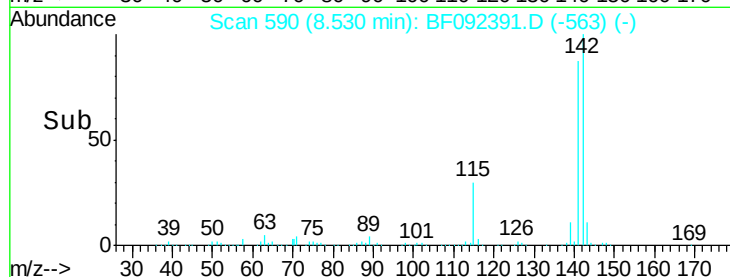
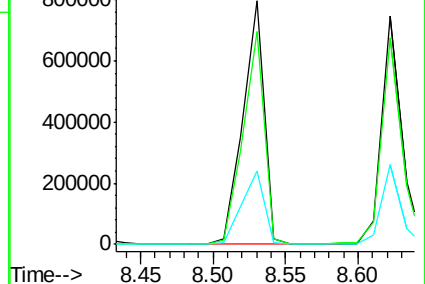
115 30.0 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.56 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF092391.D

Acq: 21 Jan 2017 2:08

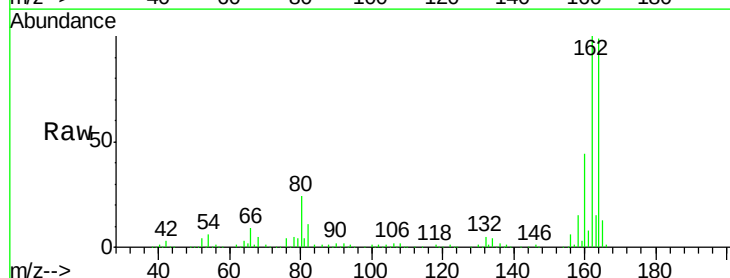
Tgt Ion:164 Resp: 289748

Ion Ratio Lower Upper

164 100

162 101.0 80.2 120.2

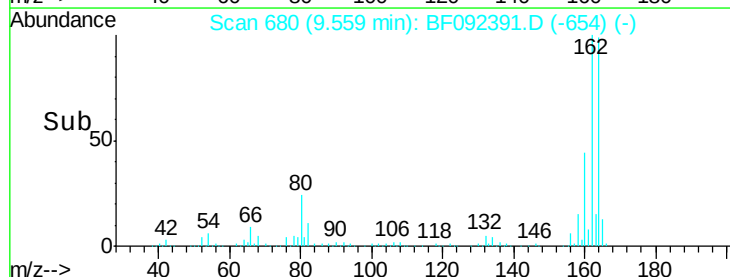
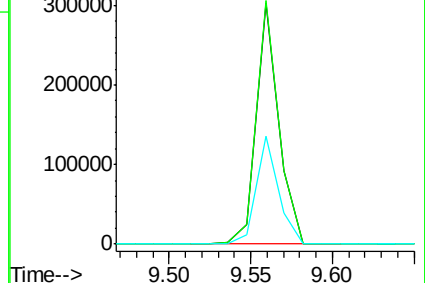
160 44.6 36.9 55.3

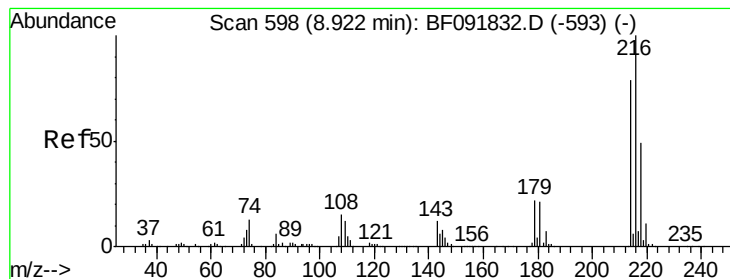


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.50 ng

RT: 8.70 min Scan# 605

Delta R.T. 0.01 min

Lab File: BF092391.D

Acq: 21 Jan 2017 2:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 333074

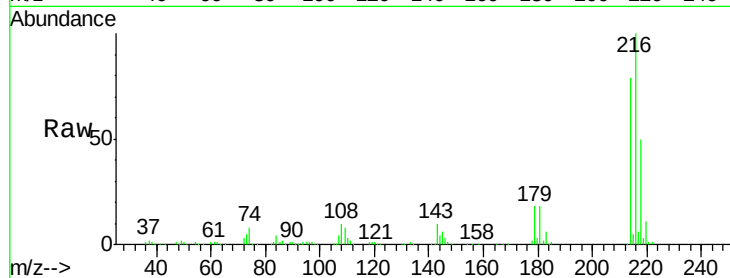
Ion Ratio Lower Upper

216 100

214 79.7 63.4 95.0

179 21.5 17.4 26.2

108 17.9 15.6 23.4

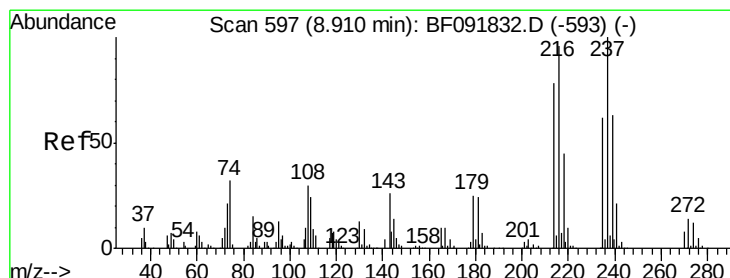
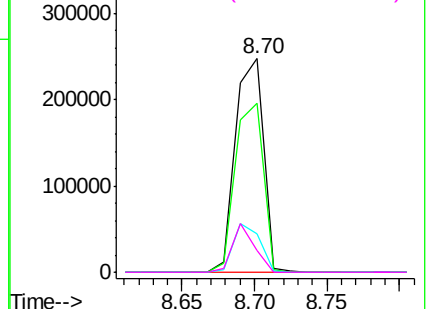
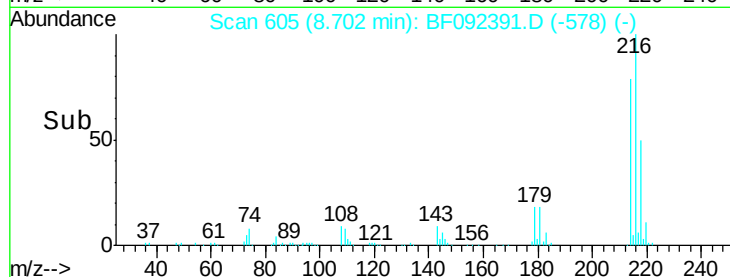


Abundance Ion 216.00 (215.70 to 216.70): E

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: 5.24 ng

RT: 8.68 min Scan# 603

Delta R.T. -0.00 min

Lab File: BF092391.D

Acq: 21 Jan 2017 2:08

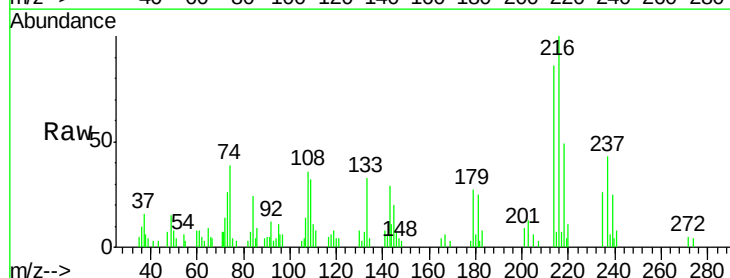
Tgt Ion:237 Resp: 4314

Ion Ratio Lower Upper

237 100

235 61.2 41.2 81.2

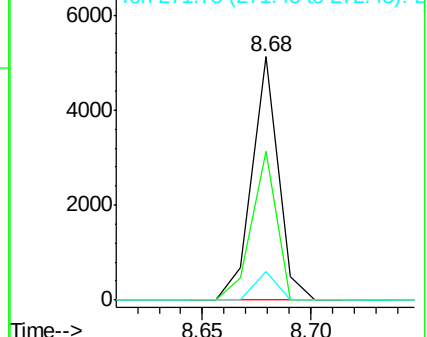
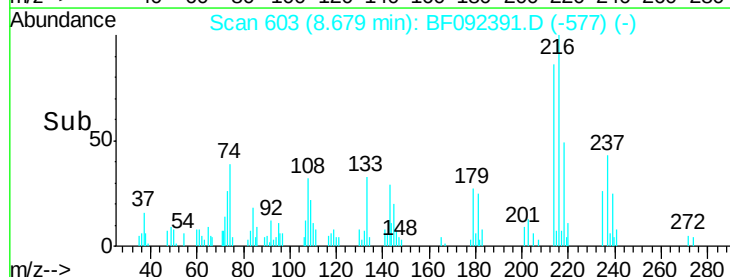
272 11.5 0.0 35.4

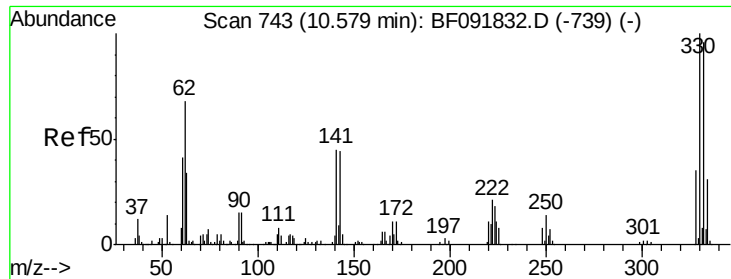


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

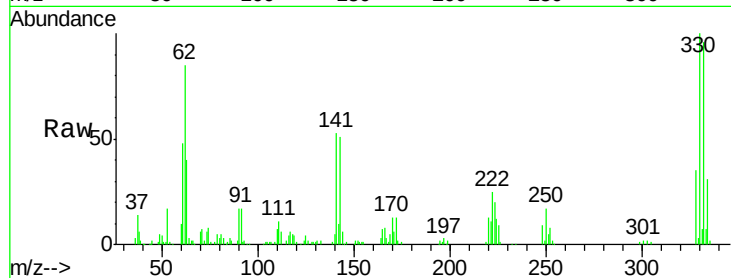




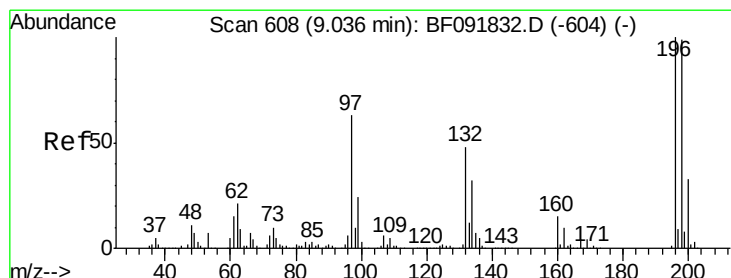
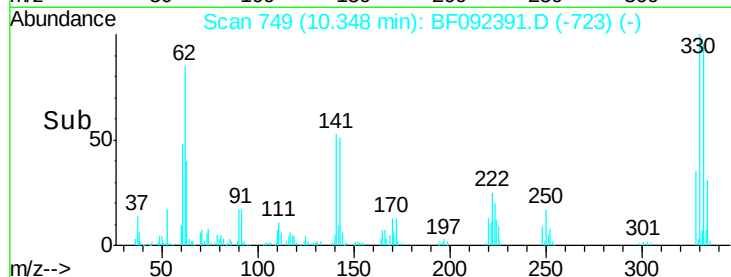
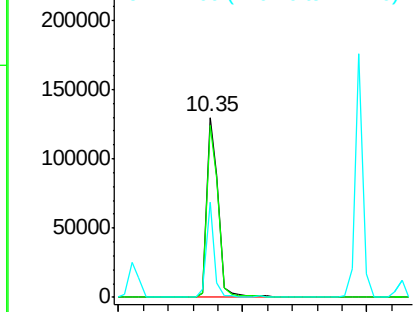
#41
 2,4,6-Tribromophenol
 Concen: 68.65 ng
 RT: 10.35 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: BF092391.D
 Acq: 21 Jan 2017 2:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:330 Resp: 164609
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.4 116.2
 141 36.7 34.1 51.1

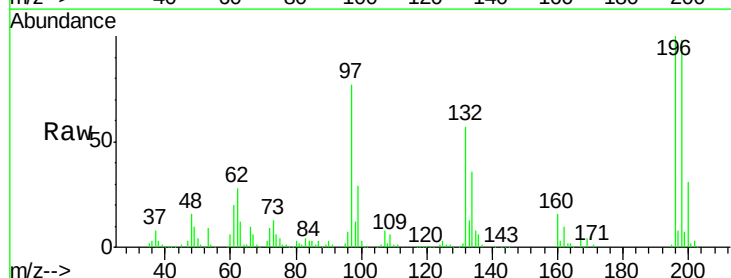


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

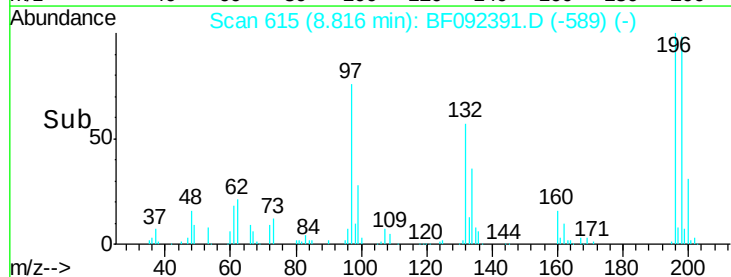
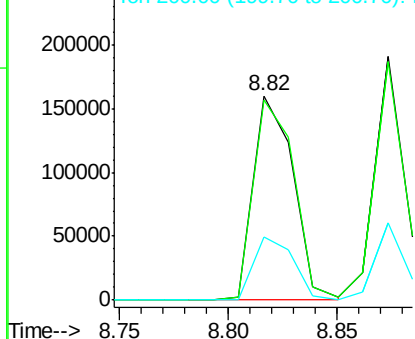


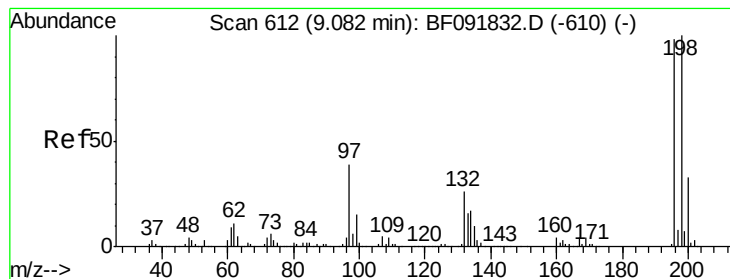
#42
 2,4,6-Trichlorophenol
 Concen: 40.06 ng
 RT: 8.82 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF092391.D
 Acq: 21 Jan 2017 2:08

Tgt Ion:196 Resp: 205110
 Ion Ratio Lower Upper
 196 100
 198 98.4 82.1 123.1
 200 31.1 27.0 40.4



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





#43

2,4,5-Trichlorophenol

Concen: 36.78 ng

RT: 8.87 min Scan# 620

Delta R.T. 0.01 min

Lab File: BF092391.D

Acq: 21 Jan 2017 2:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:196 Resp: 193778

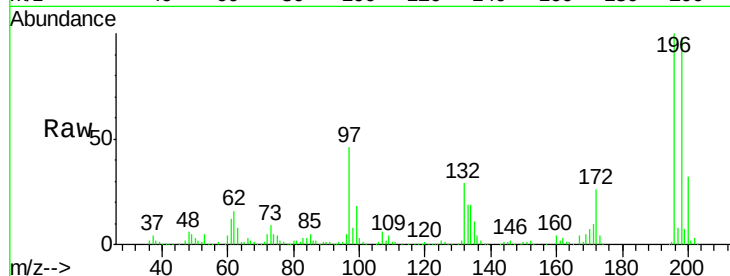
Ion Ratio Lower Upper

196 100

198 98.2 79.4 119.2

97 45.8 51.5 77.3#

132 29.4 27.4 41.2

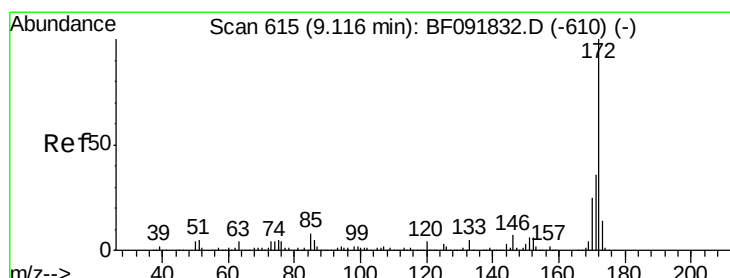
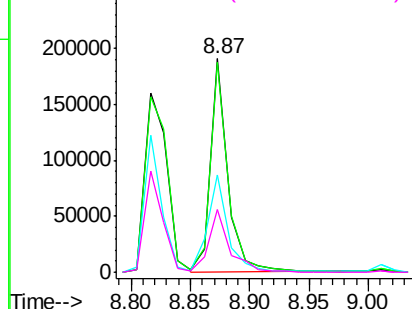
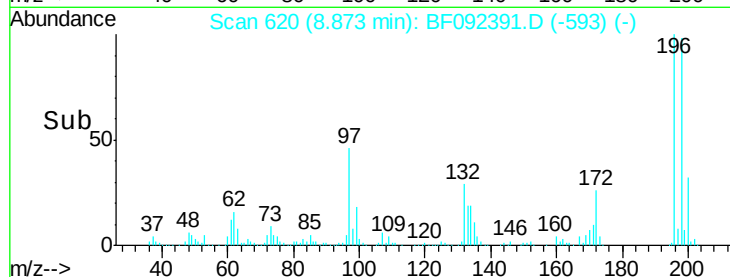


Abundance Ion 196.00 (195.70 to 196.70): E

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: 107.54 ng

RT: 8.90 min Scan# 622

Delta R.T. -0.00 min

Lab File: BF092391.D

Acq: 21 Jan 2017 2:08

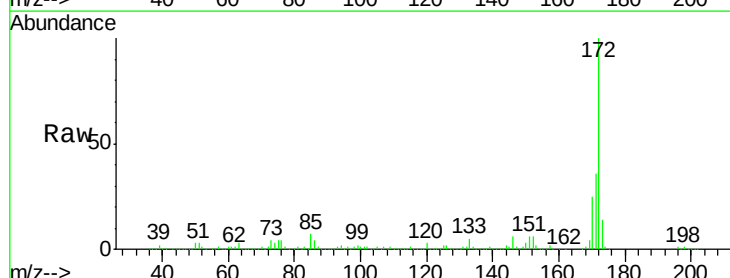
Tgt Ion:172 Resp: 1472416

Ion Ratio Lower Upper

172 100

171 36.1 29.4 44.0

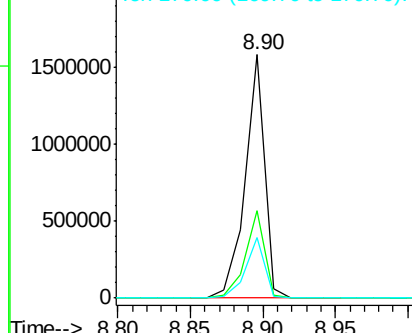
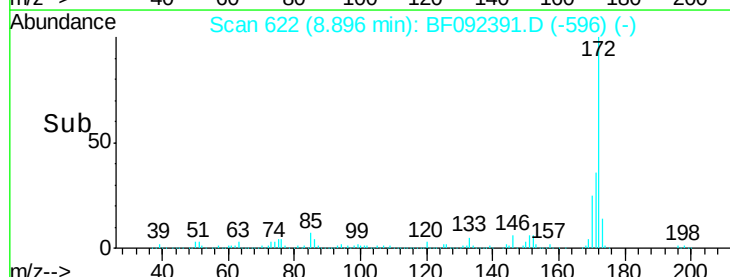
170 24.7 20.2 30.4

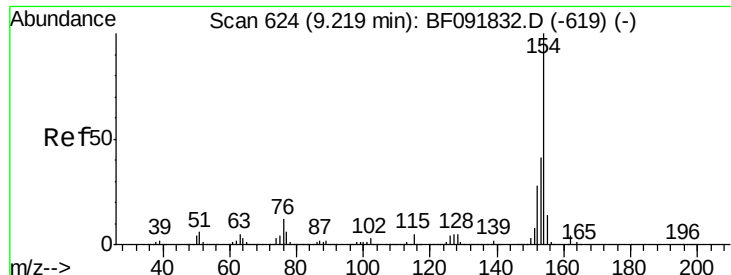


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

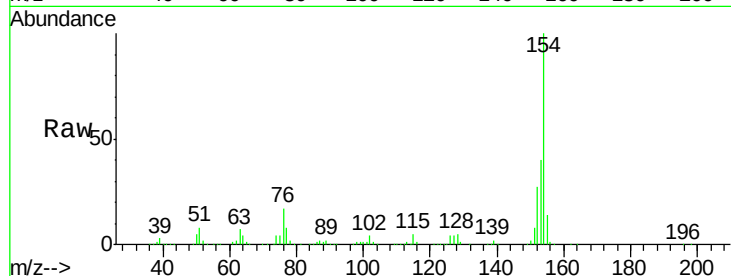




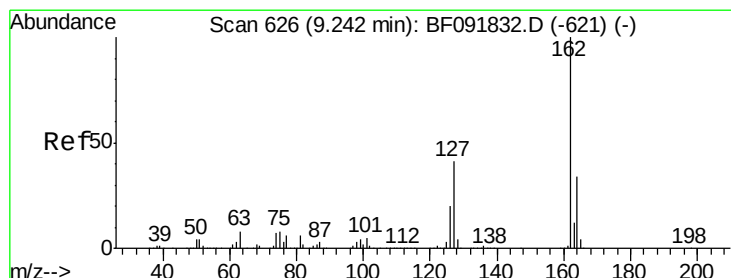
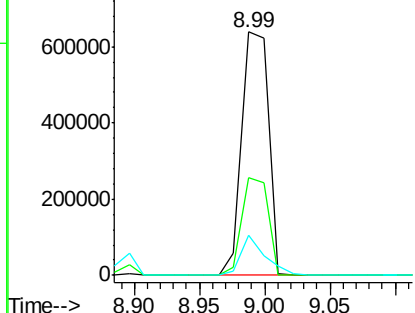
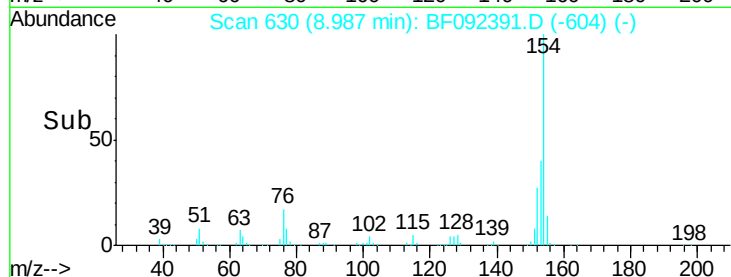
#45
 1,1'-Biphenyl
 Concen: 45.88 ng
 RT: 8.99 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF092391.D
 Acq: 21 Jan 2017 2:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:154 Resp: 910233
 Ion Ratio Lower Upper
 154 100
 153 39.9 20.9 60.9
 76 16.7 0.0 30.5

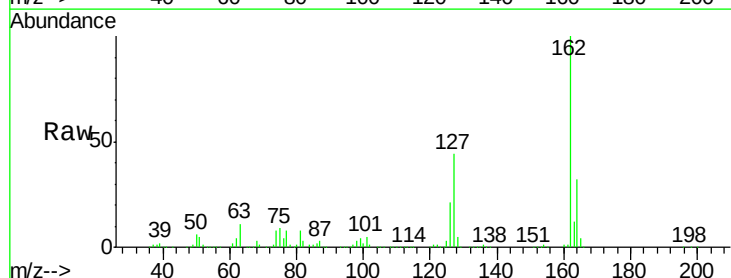


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

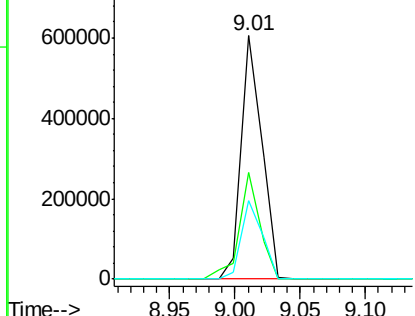
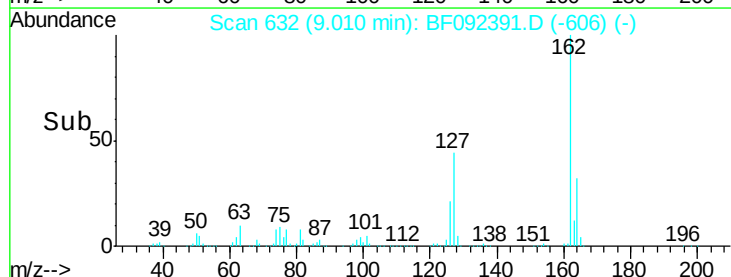


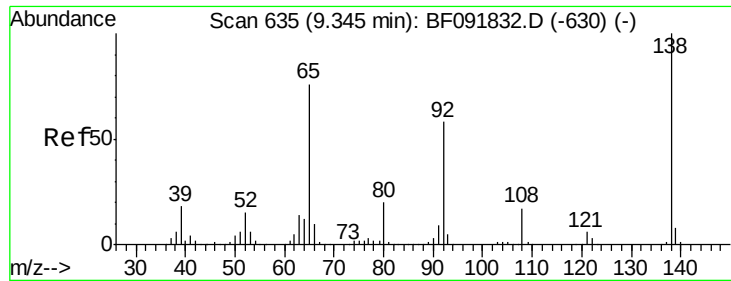
#46
 2-Chloronaphthalene
 Concen: 42.31 ng
 RT: 9.01 min Scan# 632
 Delta R.T. -0.00 min
 Lab File: BF092391.D
 Acq: 21 Jan 2017 2:08

Tgt Ion:162 Resp: 664671
 Ion Ratio Lower Upper
 162 100
 127 43.6 30.7 46.1
 164 32.5 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

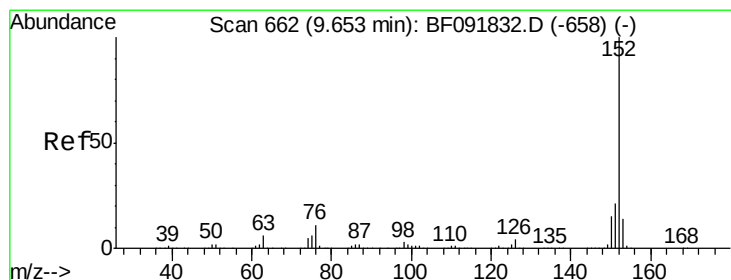
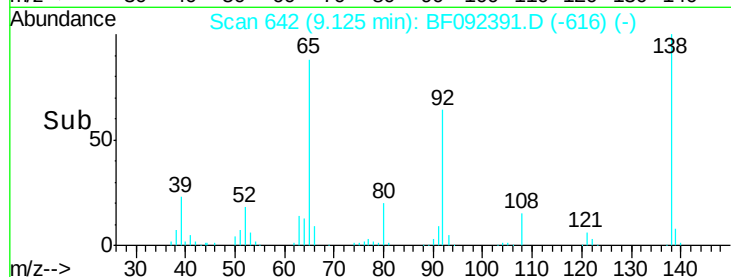
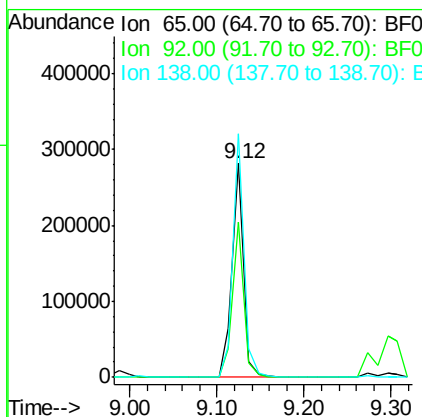
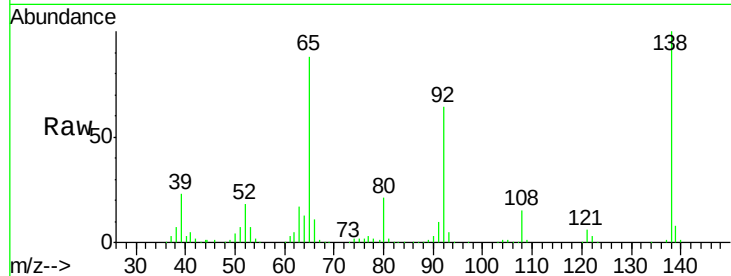




#47
2-Nitroaniline
Concen: 46.15 ng
RT: 9.12 min Scan# 642
Delta R.T. -0.00 min
Lab File: BF092391.D
Acq: 21 Jan 2017 2:08

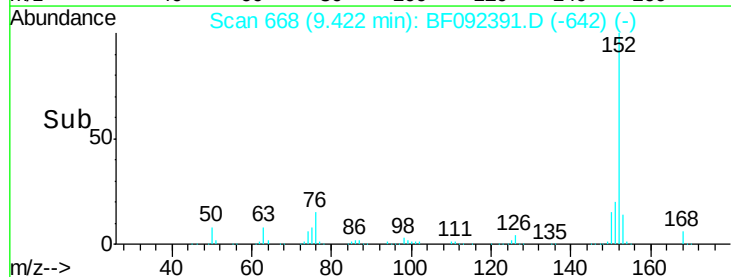
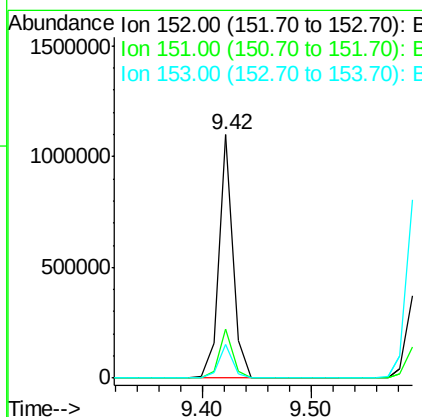
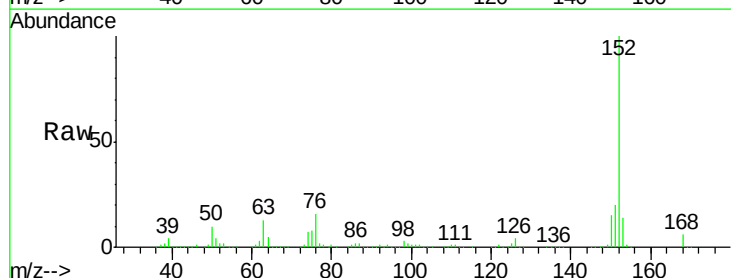
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

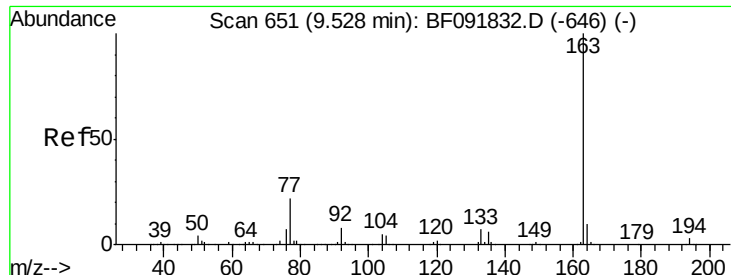
Tgt Ion: 65 Resp: 258140
Ion Ratio Lower Upper
65 100
92 72.6 53.9 80.9
138 113.8 76.8 115.2



#48
Acenaphthylene
Concen: 40.94 ng
RT: 9.42 min Scan# 668
Delta R.T. -0.00 min
Lab File: BF092391.D
Acq: 21 Jan 2017 2:08

Tgt Ion: 152 Resp: 989252
Ion Ratio Lower Upper
152 100
151 20.2 16.9 25.3
153 14.0 11.4 17.2





#49

Dimethylphthalate

Concen: 47.48 ng

RT: 9.31 min Scan# 658

Delta R.T. -0.00 min

Lab File: BF092391.D

Acq: 21 Jan 2017 2:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

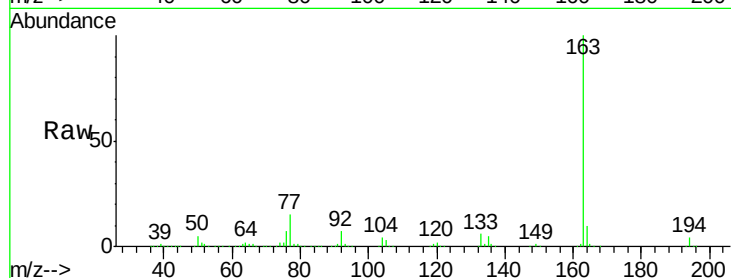
Tgt Ion:163 Resp: 879971

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

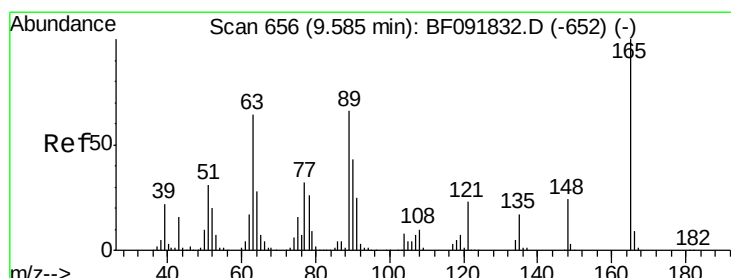
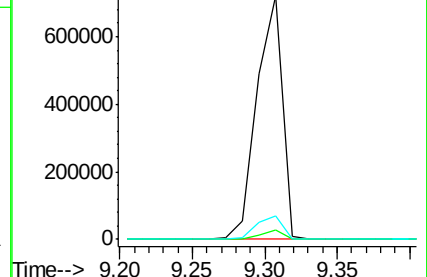
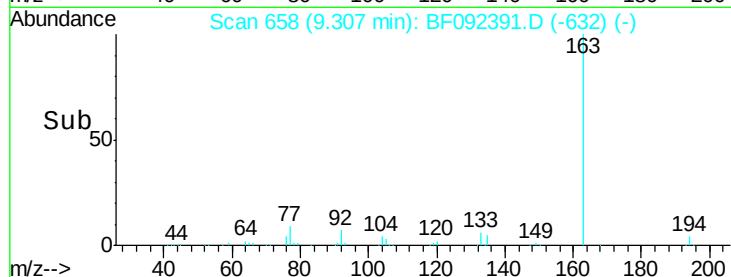
164 9.9 8.0 12.0



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: 33.37 ng

RT: 9.36 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF092391.D

Acq: 21 Jan 2017 2:08

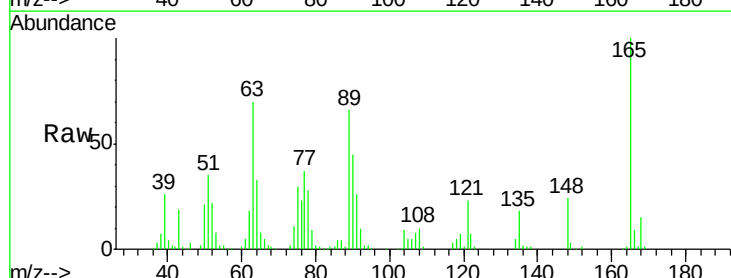
Tgt Ion:165 Resp: 135343

Ion Ratio Lower Upper

165 100

63 70.0 36.2 54.4#

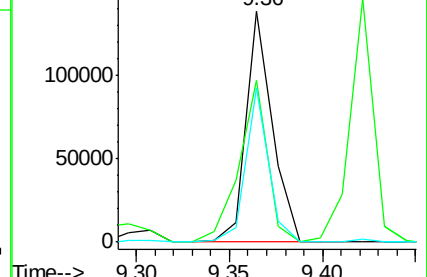
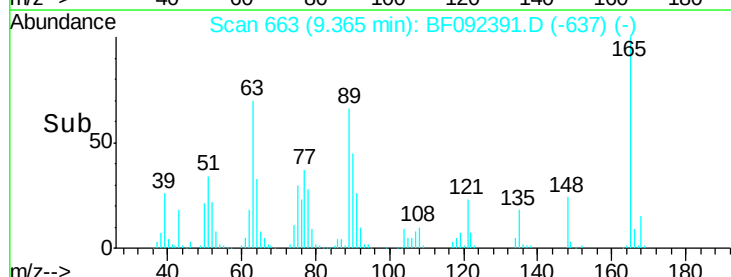
89 66.4 40.2 60.4#

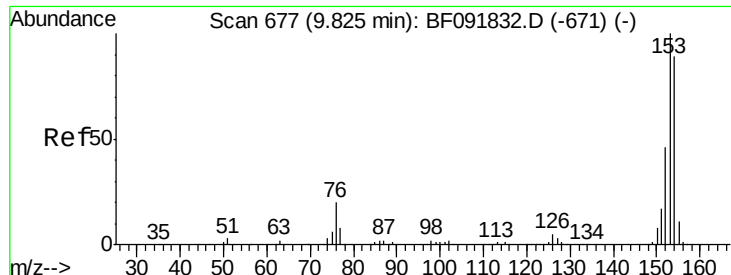


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

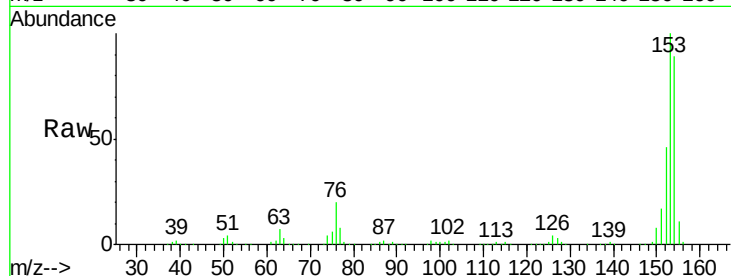




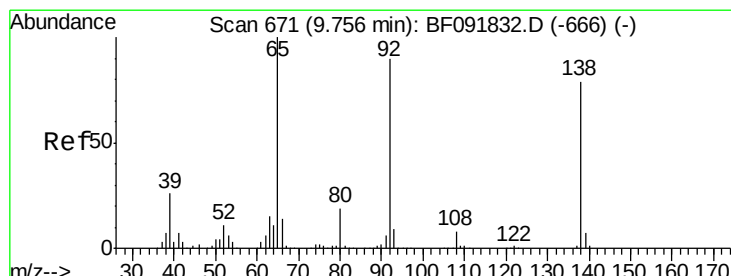
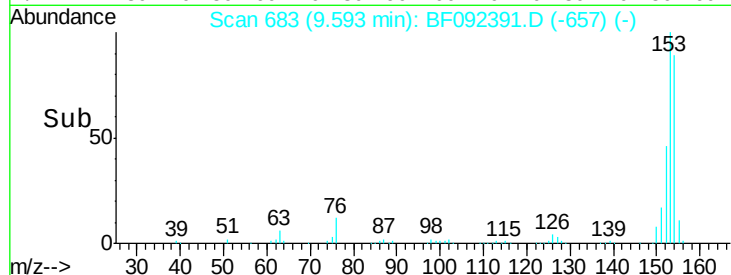
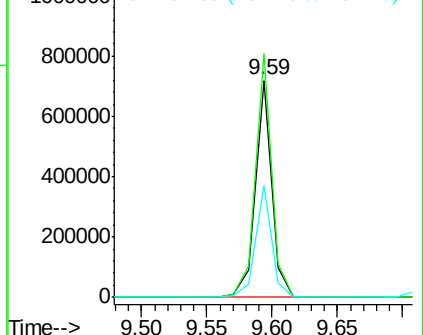
#51
Acenaphthene
Concen: 38.34 ng
RT: 9.59 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF092391.D
Acq: 21 Jan 2017 2:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:154 Resp: 628036
Ion Ratio Lower Upper
154 100
153 112.3 88.6 133.0
152 51.8 41.6 62.4

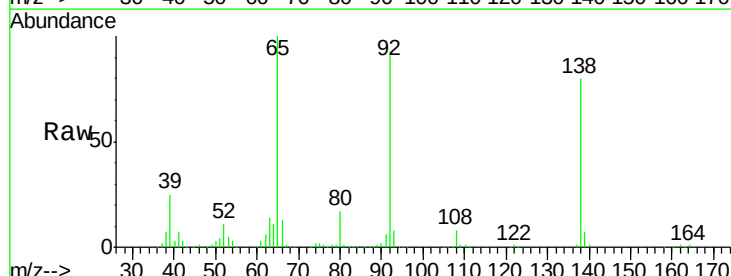


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

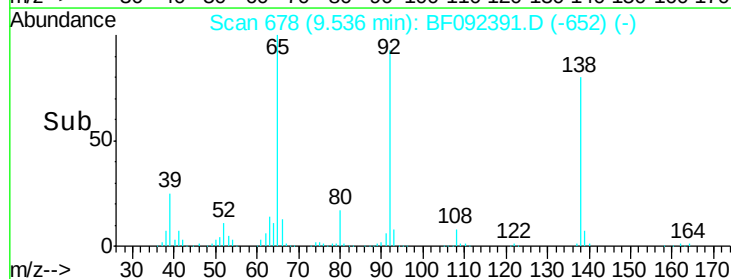
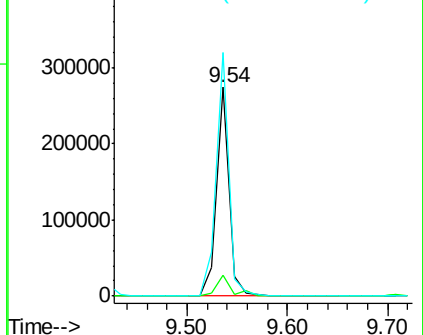


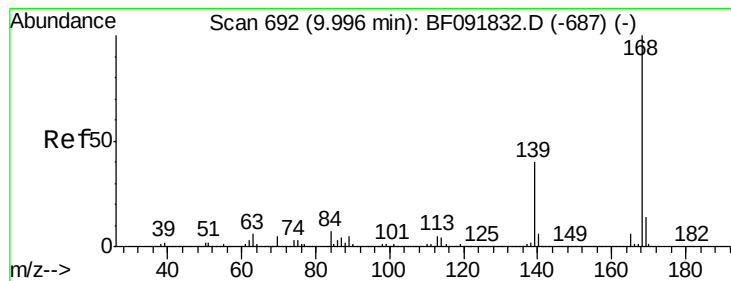
#52
3-Nitroaniline
Concen: 47.40 ng
RT: 9.54 min Scan# 678
Delta R.T. -0.00 min
Lab File: BF092391.D
Acq: 21 Jan 2017 2:08

Tgt Ion:138 Resp: 237938
Ion Ratio Lower Upper
138 100
108 9.8 8.5 12.7
92 116.7 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





#54

Dibenzofuran

Concen: 39.17 ng

RT: 9.76 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF092391.D

Acq: 21 Jan 2017 2:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

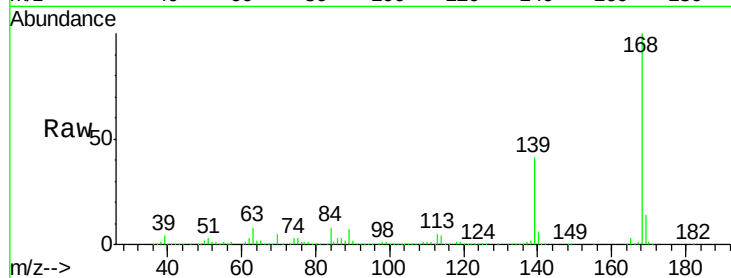
Tgt Ion:168 Resp: 866617

Ion Ratio Lower Upper

168 100

139 40.8 32.6 49.0

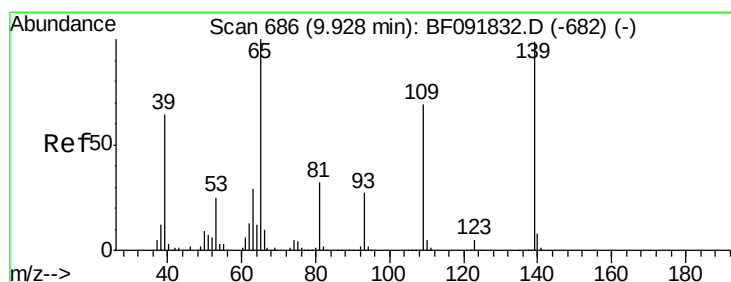
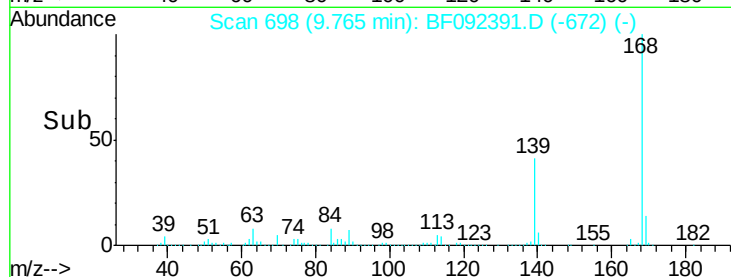
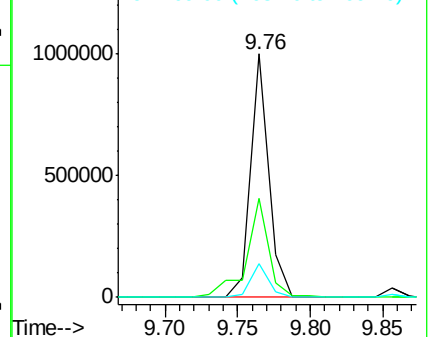
169 13.8 11.3 16.9



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: 130.87 ng

RT: 9.76 min Scan# 698

Delta R.T. 0.03 min

Lab File: BF092391.D

Acq: 21 Jan 2017 2:08

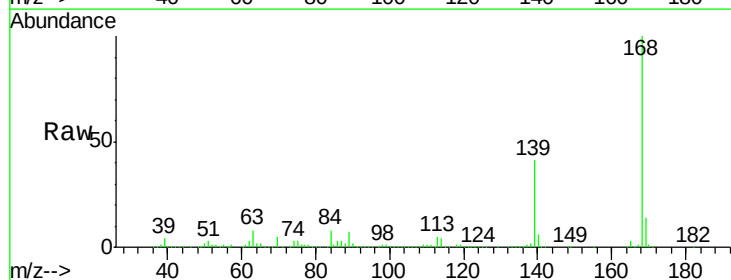
Tgt Ion:139 Resp: 446036

Ion Ratio Lower Upper

139 100

109 3.0 52.2 92.2#

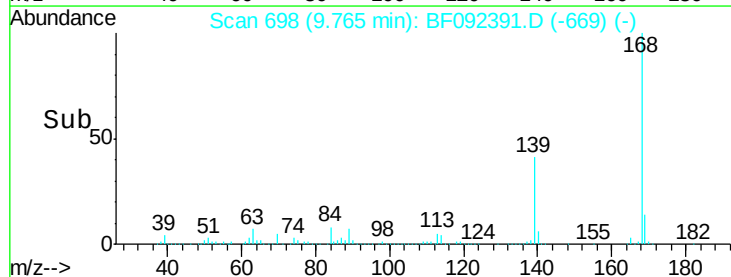
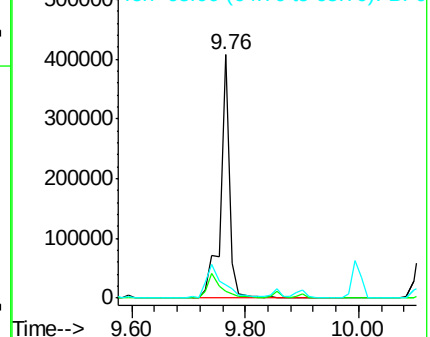
65 5.3 85.8 125.8#

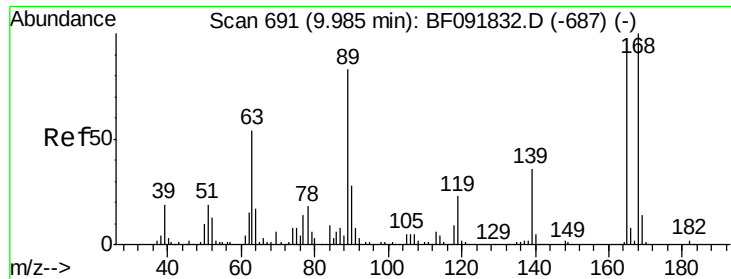


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

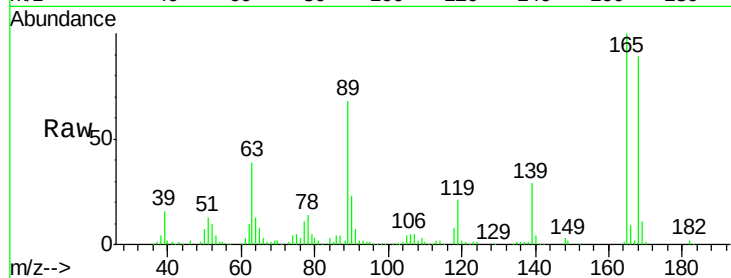




#56
 2,4-Dinitrotoluene
 Concen: 33.26 ng
 RT: 9.78 min Scan# 699
 Delta R.T. -0.00 min
 Lab File: BF092391.D
 Acq: 21 Jan 2017 2:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	165	Resp:	169328
Ion	Ratio	Lower	Upper
165	100		
63	38.6	40.2	60.4#
89	68.3	62.5	93.7
182	2.2	1.8	2.8

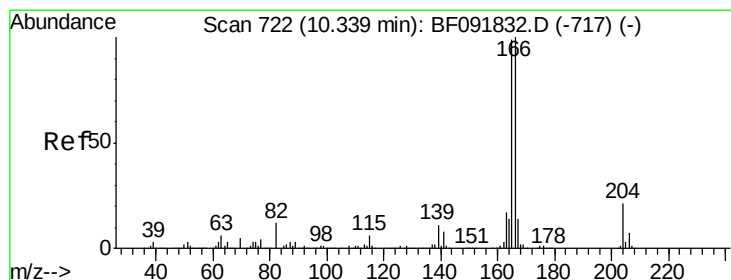
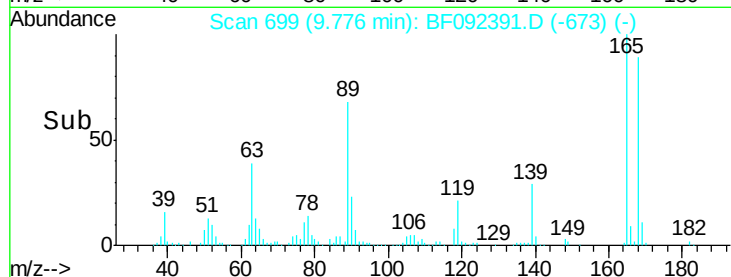
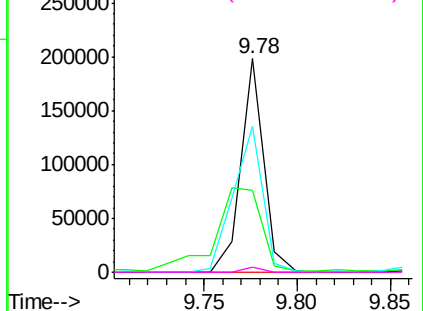


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

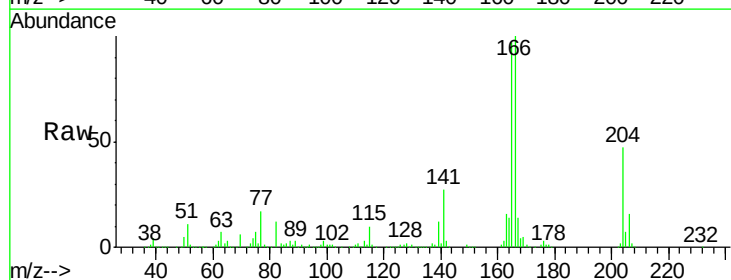
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
 Fluorene
 Concen: 40.64 ng
 RT: 10.11 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: BF092391.D
 Acq: 21 Jan 2017 2:08

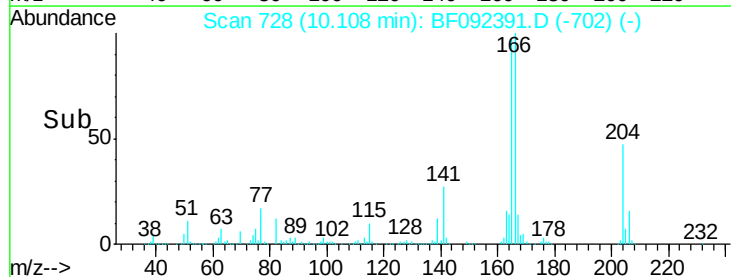
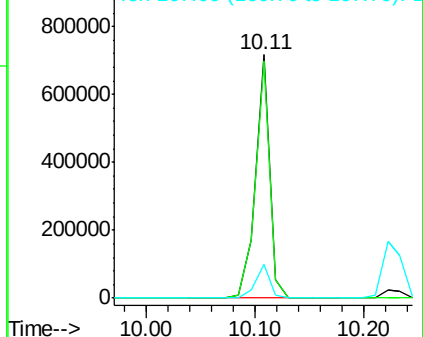
Tgt Ion:	166	Resp:	654064
Ion	Ratio	Lower	Upper
166	100		
165	97.4	77.8	116.8
167	13.7	10.8	16.2

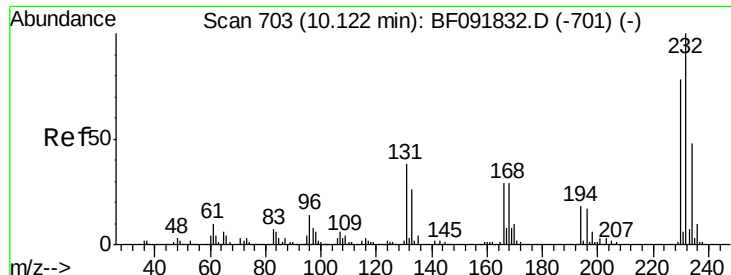


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

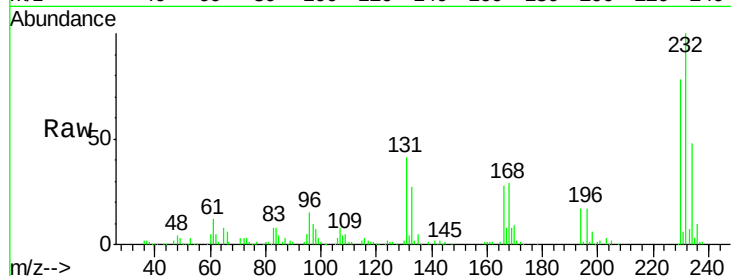




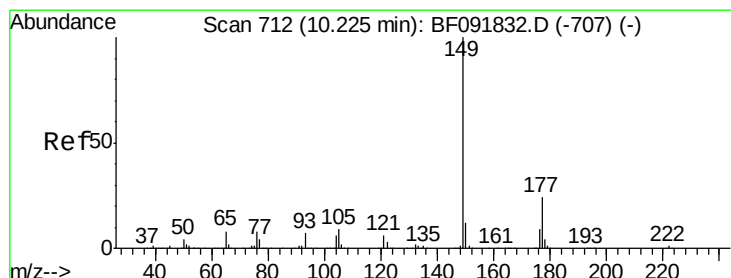
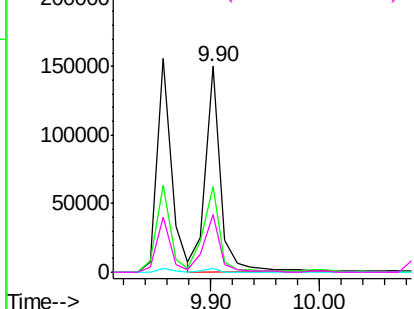
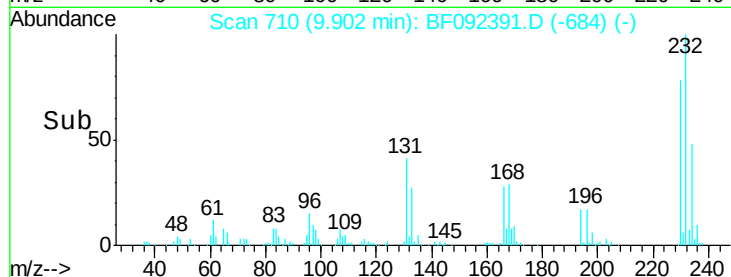
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.08 ng
 RT: 9.90 min Scan# 710
 Delta R.T. -0.00 min
 Lab File: BF092391.D
 Acq: 21 Jan 2017 2:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	232	Resp:	146177
Ion	Ratio	Lower	Upper
232	100		
131	45.9	40.1	60.1
130	2.0	1.8	2.8
166	29.7	26.6	39.8

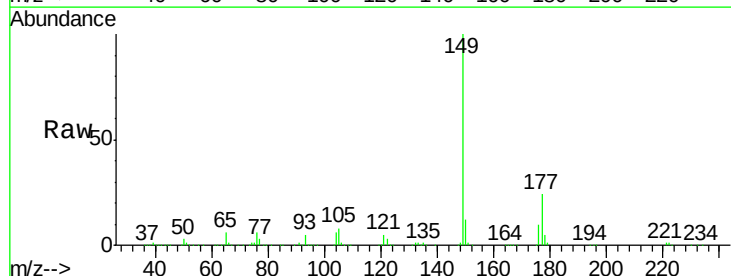


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

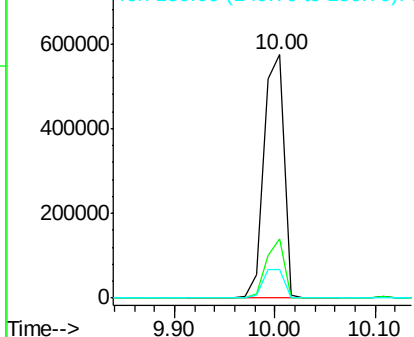
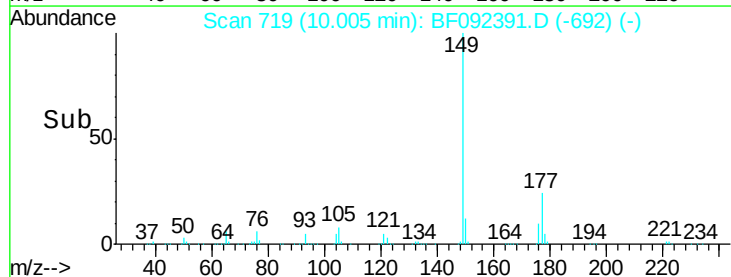


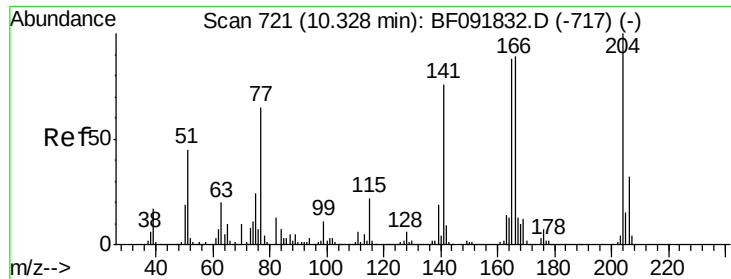
#59
 Diethylphthalate
 Concen: 44.23 ng
 RT: 10.00 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: BF092391.D
 Acq: 21 Jan 2017 2:08

Tgt Ion:	149	Resp:	796016
Ion	Ratio	Lower	Upper
149	100		
177	24.5	16.6	25.0
150	11.8	10.4	15.6



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

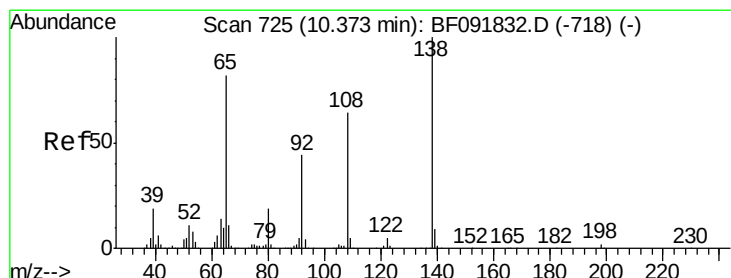
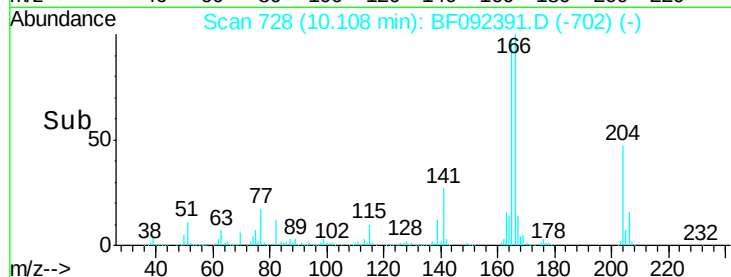
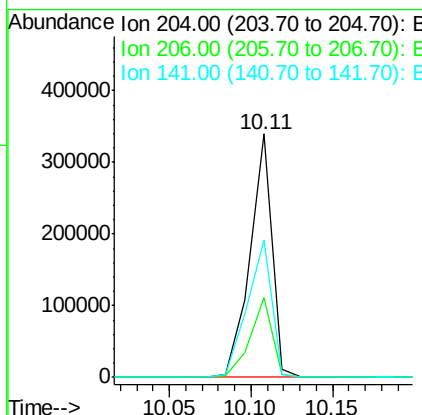
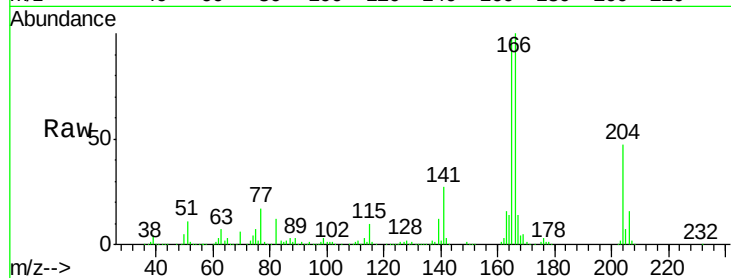




#60
4-Chlorophenyl-phenylether
Concen: 45.12 ng
RT: 10.11 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF092391.D
Acq: 21 Jan 2017 2:08

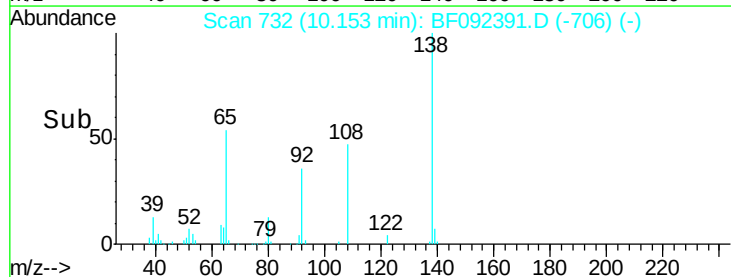
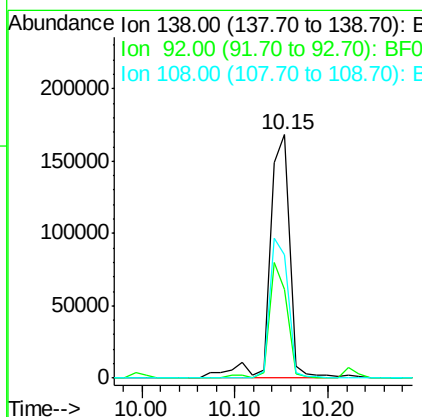
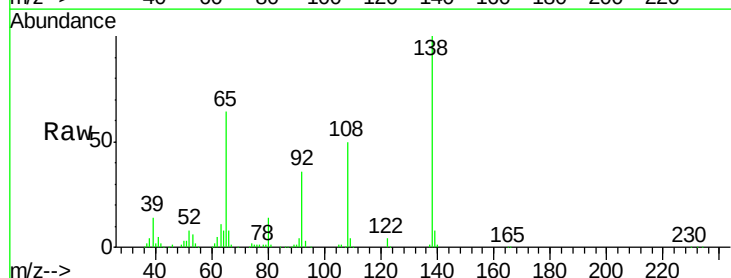
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

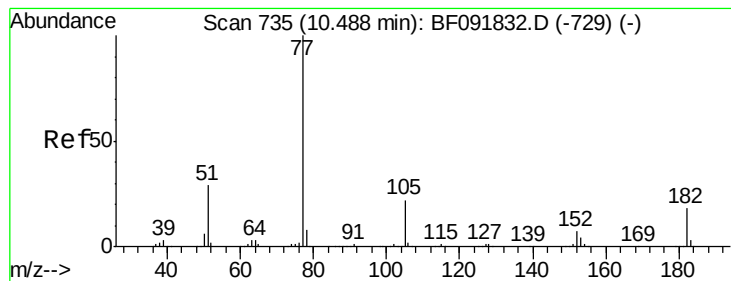
Tgt Ion:204 Resp: 317963
Ion Ratio Lower Upper
204 100
206 32.9 25.8 38.6
141 56.4 59.4 89.0#



#61
4-Nitroaniline
Concen: 48.05 ng
RT: 10.15 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF092391.D
Acq: 21 Jan 2017 2:08

Tgt Ion:138 Resp: 249971
Ion Ratio Lower Upper
138 100
92 36.4 31.7 71.7
108 50.4 52.6 92.6#





#62

Azobenzene

Concen: 39.64 ng

RT: 10.27 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF092391.D

Acq: 21 Jan 2017 2:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 785440

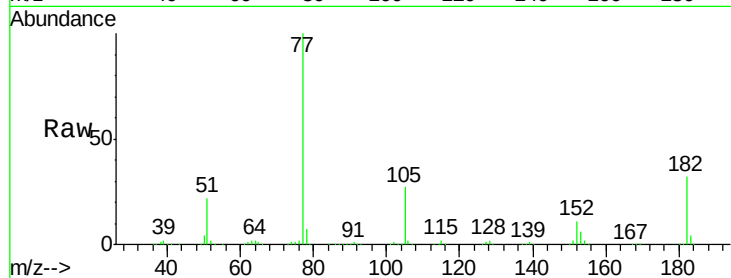
Ion Ratio Lower Upper

77 100

182 32.4 0.0 39.3

105 27.2 2.3 42.3

51 22.5 8.9 48.9

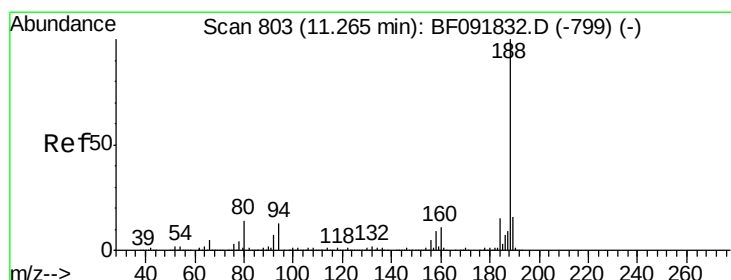
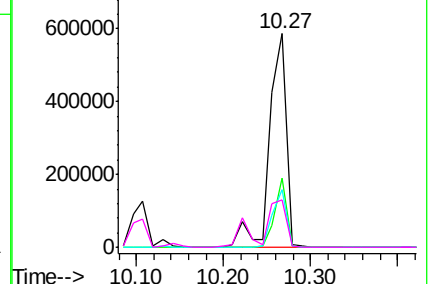
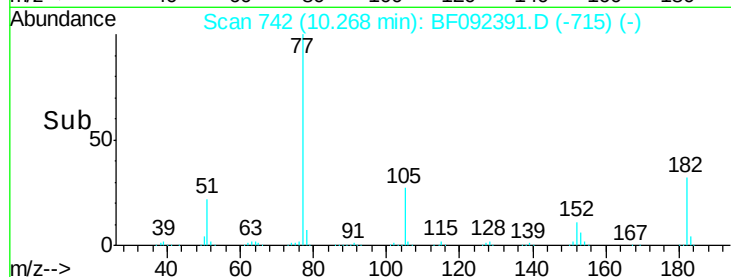


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.03 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF092391.D

Acq: 21 Jan 2017 2:08

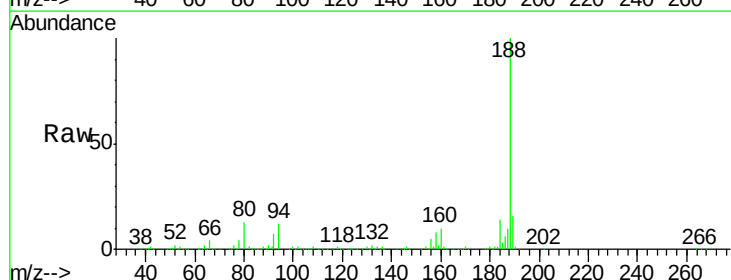
Tgt Ion: 188 Resp: 416760

Ion Ratio Lower Upper

188 100

94 12.3 10.0 15.0

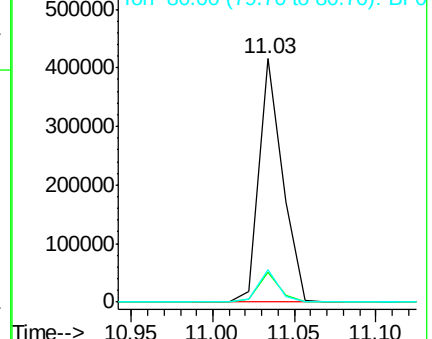
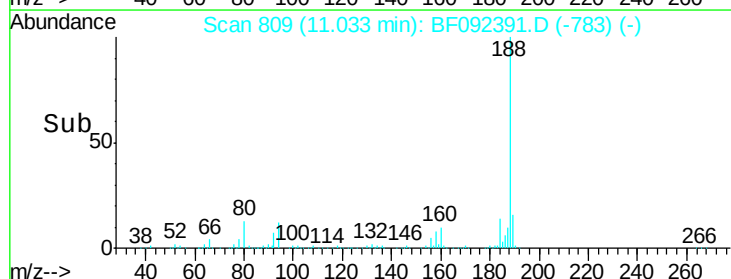
80 13.2 11.2 16.8

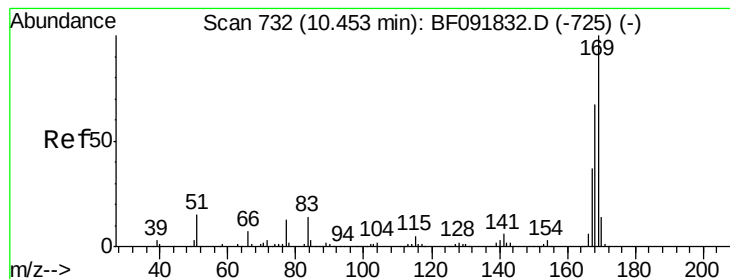


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#65

n-Nitrosodiphenylamine

Concen: 46.29 ng

RT: 10.22 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF092391.D

Acq: 21 Jan 2017 2:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

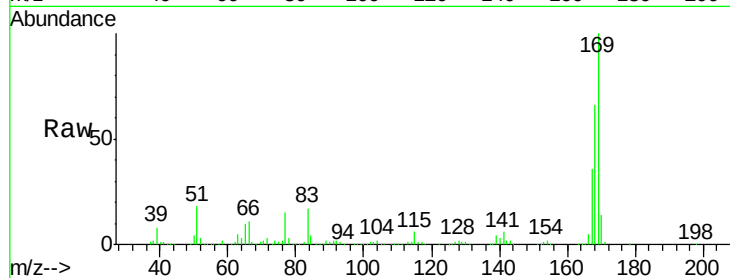
Tgt Ion:169 Resp: 572470

Ion Ratio Lower Upper

169 100

168 65.8 54.2 81.2

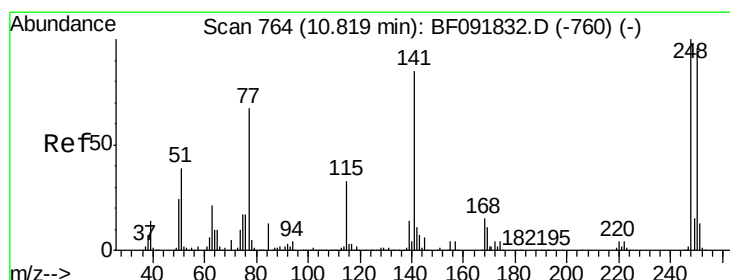
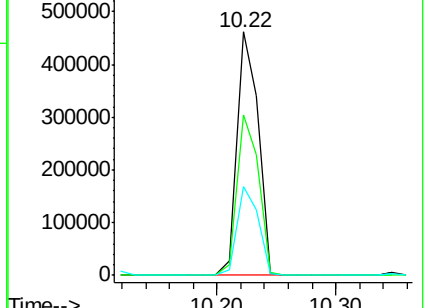
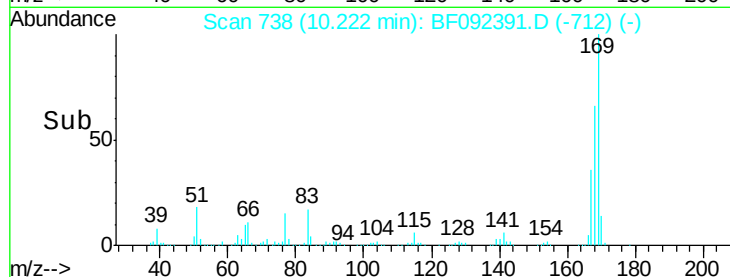
167 36.4 30.2 45.4



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: 43.85 ng

RT: 10.59 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF092391.D

Acq: 21 Jan 2017 2:08

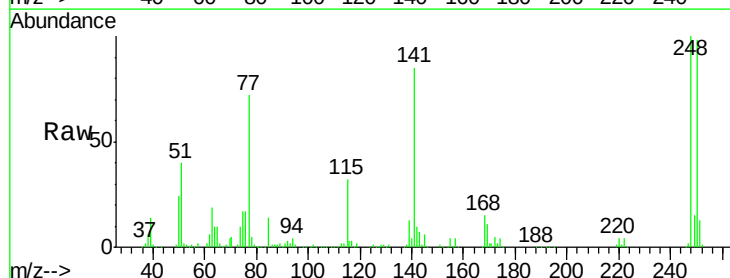
Tgt Ion:248 Resp: 190106

Ion Ratio Lower Upper

248 100

250 98.2 76.9 115.3

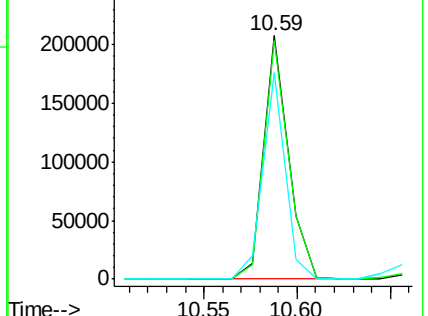
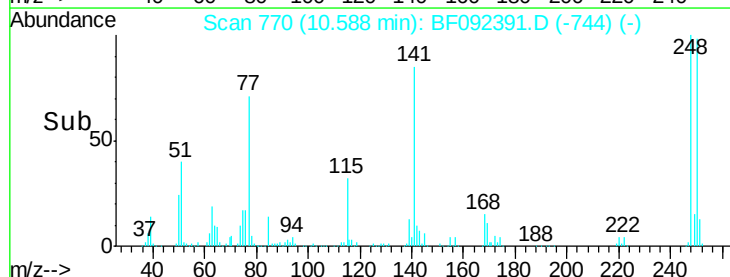
141 84.6 68.2 102.4

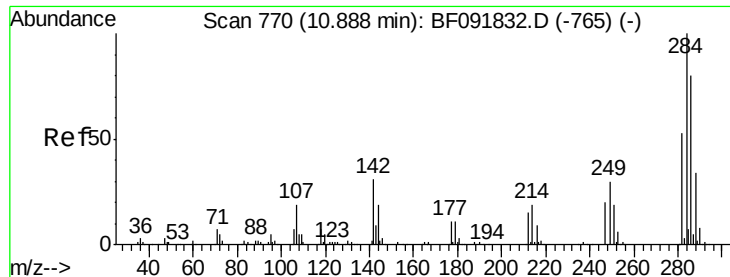


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 42.02 ng

RT: 10.66 min Scan# 776

Delta R.T. -0.00 min

Lab File: BF092391.D

Acq: 21 Jan 2017 2:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

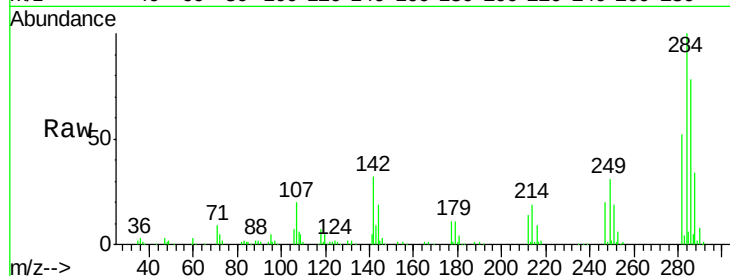
Tgt Ion:284 Resp: 194694

Ion Ratio Lower Upper

284 100

142 31.7 22.6 33.8

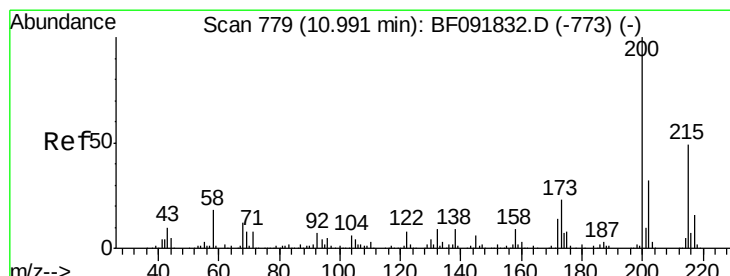
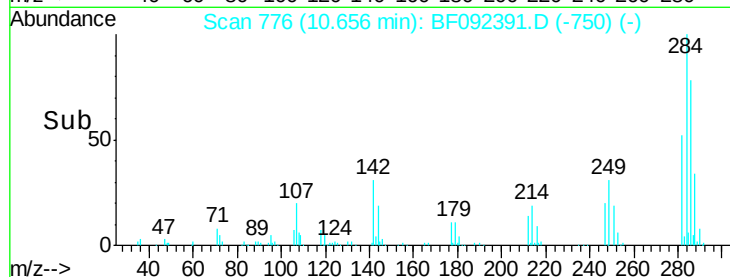
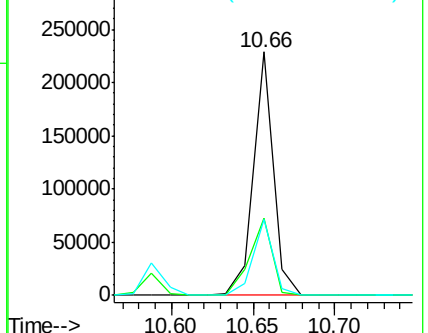
249 31.0 25.4 38.0



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: 29.39 ng

RT: 10.76 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF092391.D

Acq: 21 Jan 2017 2:08

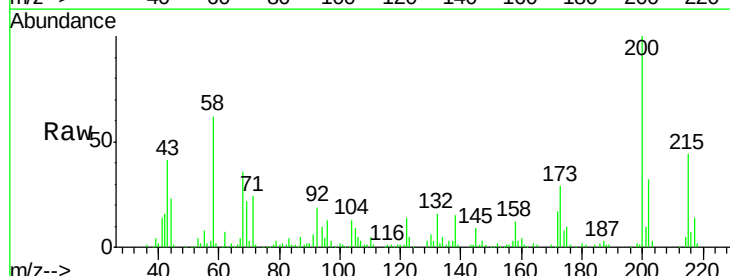
Tgt Ion:200 Resp: 117243

Ion Ratio Lower Upper

200 100

173 29.1 9.6 49.6

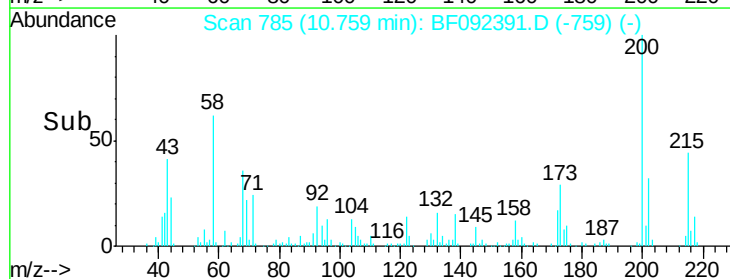
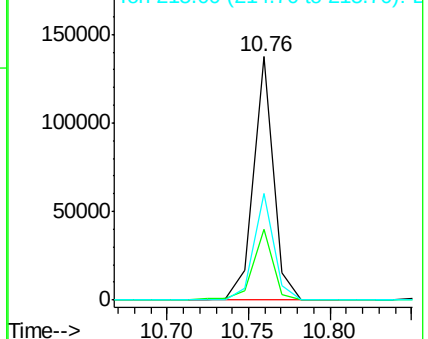
215 43.7 25.7 65.7

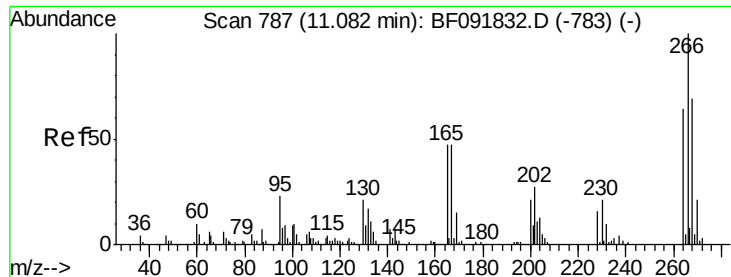


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

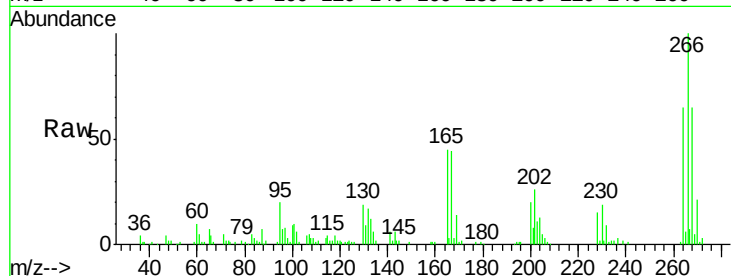




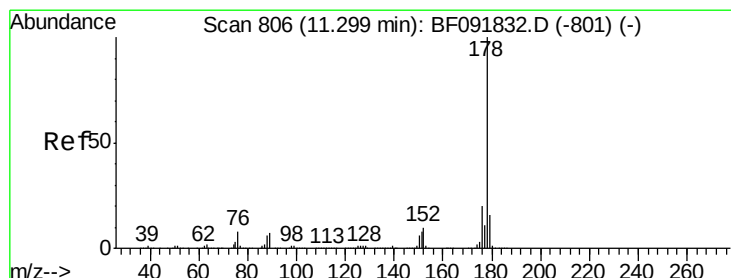
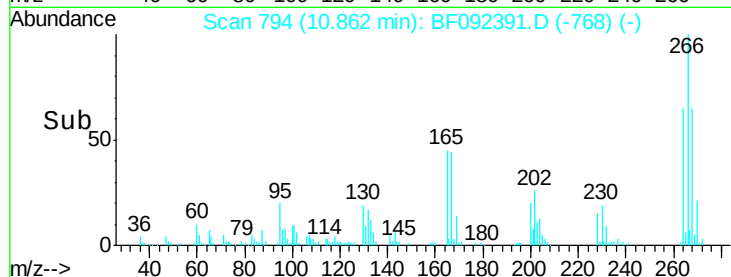
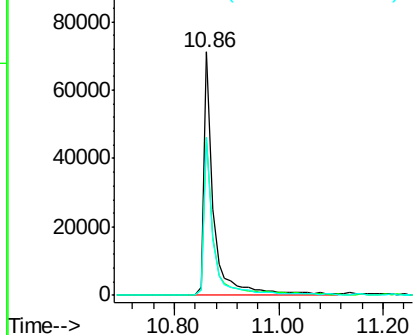
#69
 Pentachlorophenol
 Concen: 41.72 ng
 RT: 10.86 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BF092391.D
 Acq: 21 Jan 2017 2:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:266 Resp: 94857
 Ion Ratio Lower Upper
 266 100
 268 64.7 53.3 79.9
 264 64.9 50.3 75.5

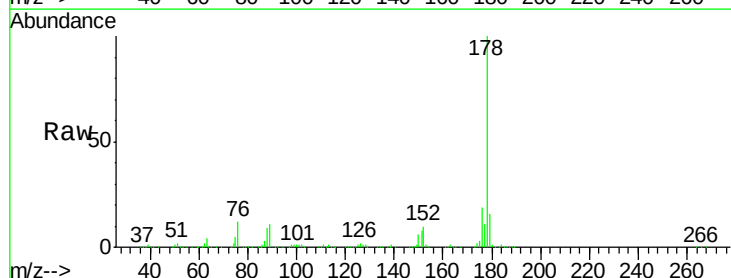


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

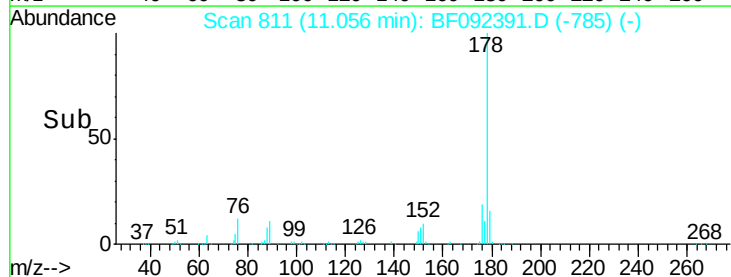
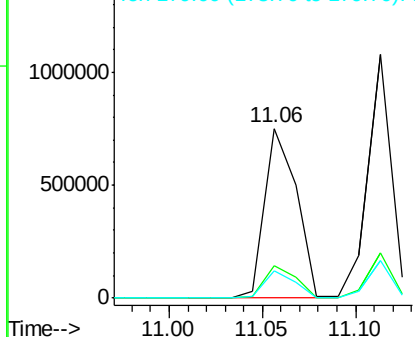


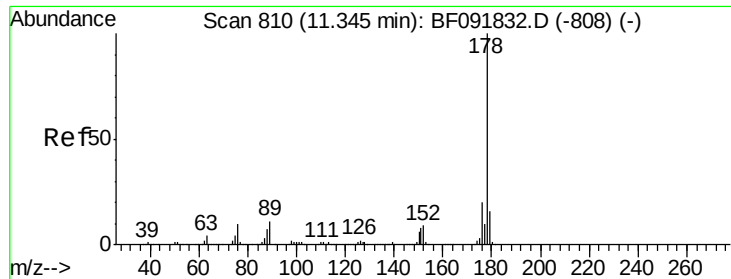
#70
 Phenanthrene
 Concen: 39.24 ng
 RT: 11.06 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF092391.D
 Acq: 21 Jan 2017 2:08

Tgt Ion:178 Resp: 886863
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.6 25.0
 179 16.0 12.8 19.2



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

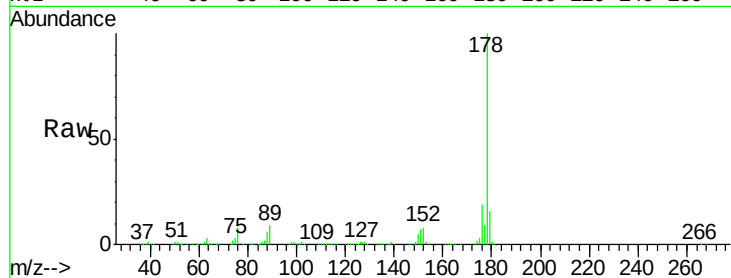




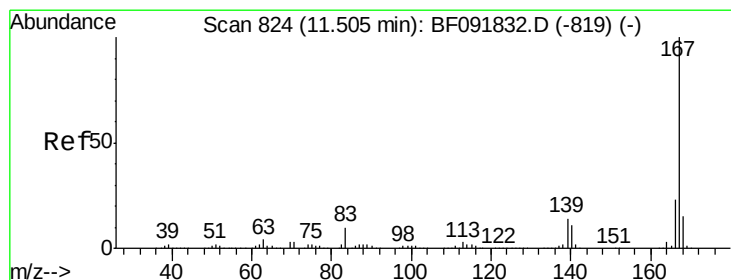
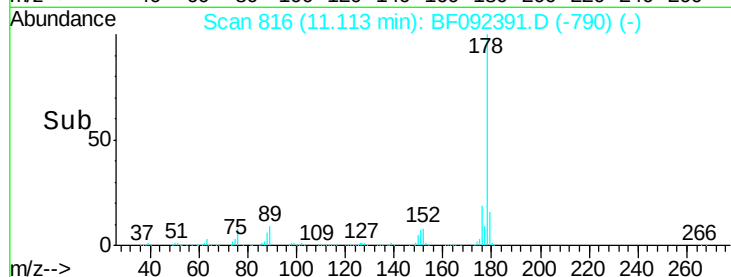
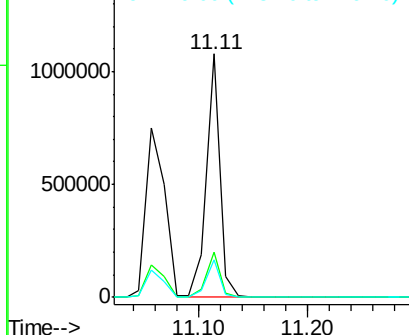
#71
 Anthracene
 Concen: 47.97 ng
 RT: 11.11 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF092391.D
 Acq: 21 Jan 2017 2:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:178 Resp: 939457
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.9 23.9
 179 15.6 13.2 19.8

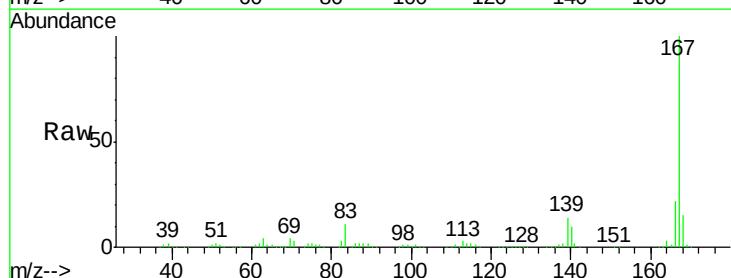


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

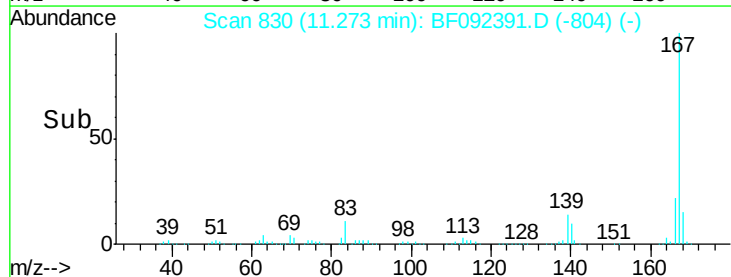
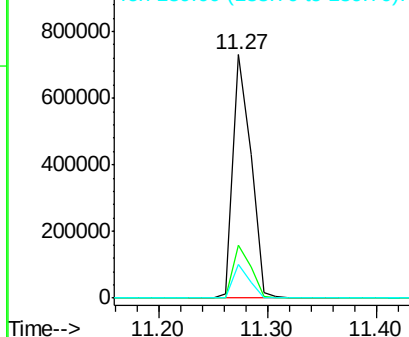


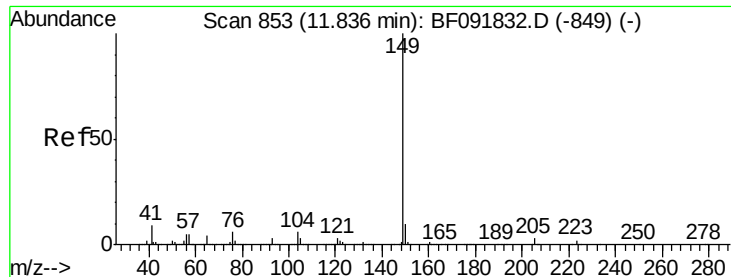
#72
 Carbazole
 Concen: 43.95 ng
 RT: 11.27 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BF092391.D
 Acq: 21 Jan 2017 2:08

Tgt Ion:167 Resp: 826504
 Ion Ratio Lower Upper
 167 100
 166 21.6 18.2 27.2
 139 14.0 11.4 17.2



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 51.71 ng

RT: 11.62 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF092391.D

Acq: 21 Jan 2017 2:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

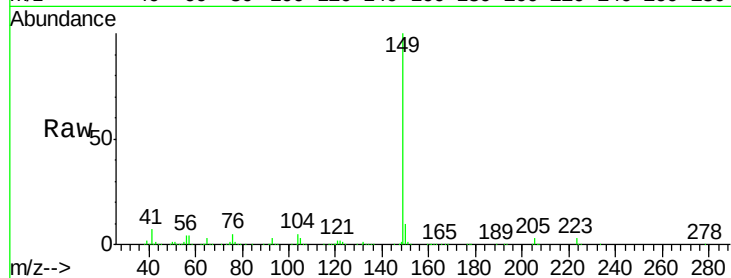
Tgt Ion:149 Resp: 1094223

Ion Ratio Lower Upper

149 100

150 9.6 8.1 12.1

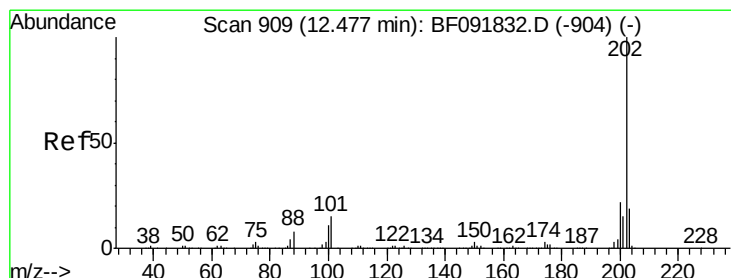
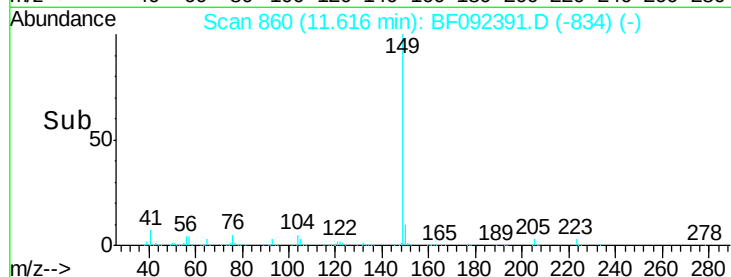
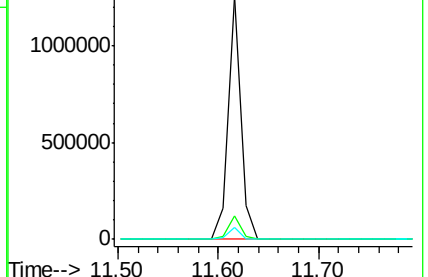
104 4.8 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 46.58 ng

RT: 12.24 min Scan# 915

Delta R.T. -0.00 min

Lab File: BF092391.D

Acq: 21 Jan 2017 2:08

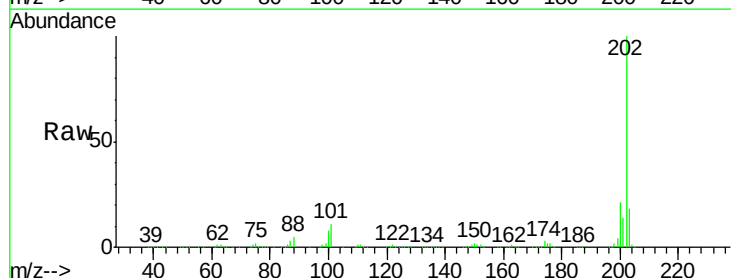
Tgt Ion:202 Resp: 920872

Ion Ratio Lower Upper

202 100

101 11.1 0.0 34.6

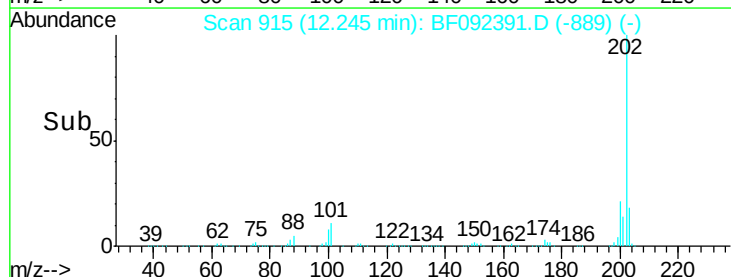
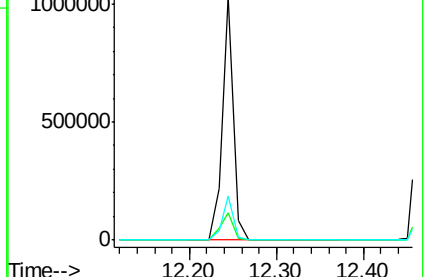
203 17.9 0.0 38.7

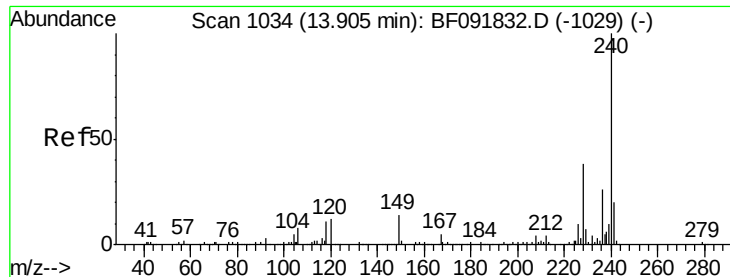


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.67 min Scan# 1040

Delta R.T. 0.01 min

Lab File: BF092391.D

Acq: 21 Jan 2017 2:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

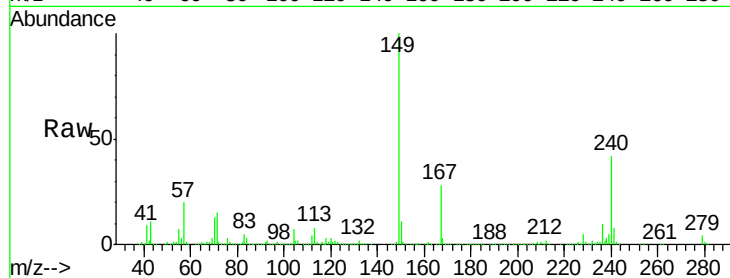
Tgt Ion:240 Resp: 274248

Ion Ratio Lower Upper

240 100

120 7.7 12.9 19.3#

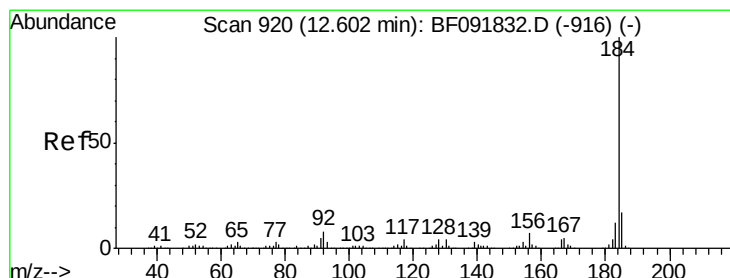
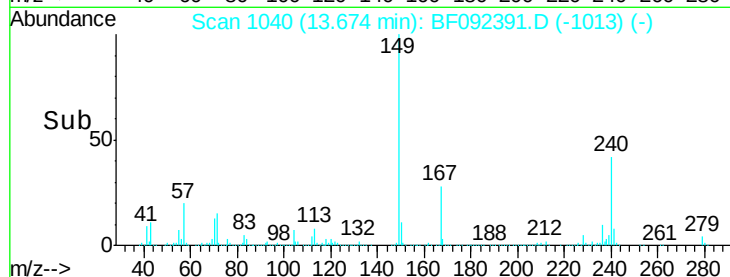
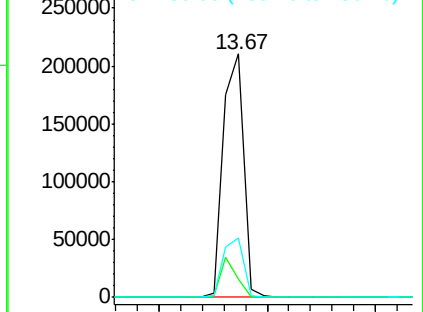
236 24.6 20.9 31.3



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: 71.42 ng

RT: 12.38 min Scan# 927

Delta R.T. 0.01 min

Lab File: BF092391.D

Acq: 21 Jan 2017 2:08

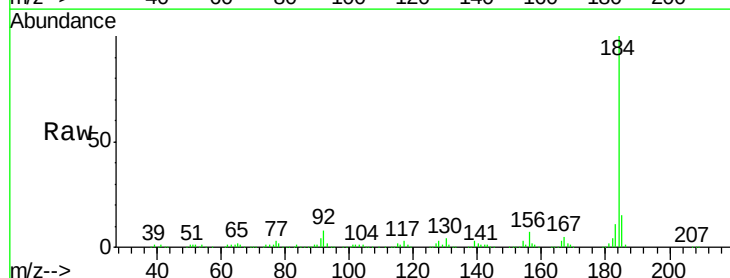
Tgt Ion:184 Resp: 437506

Ion Ratio Lower Upper

184 100

185 14.9 13.4 20.0

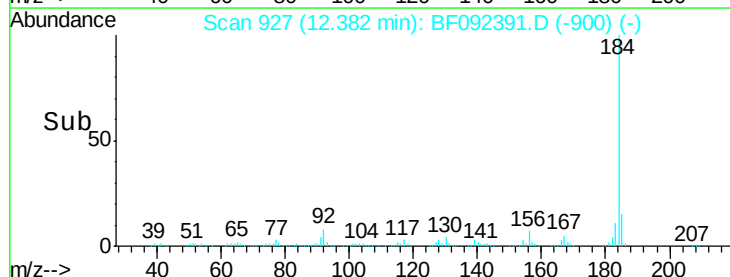
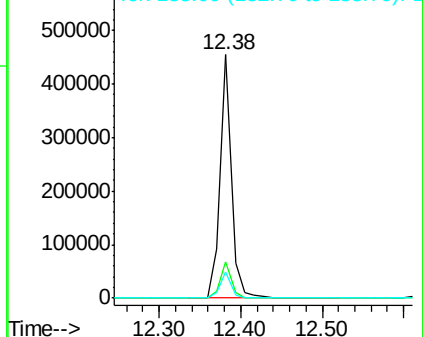
183 10.9 9.2 13.8

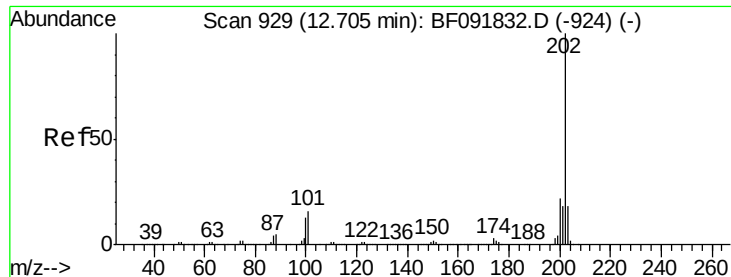


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 46.47 ng

RT: 12.47 min Scan# 935

Delta R.T. 0.01 min

Lab File: BF092391.D

Acq: 21 Jan 2017 2:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

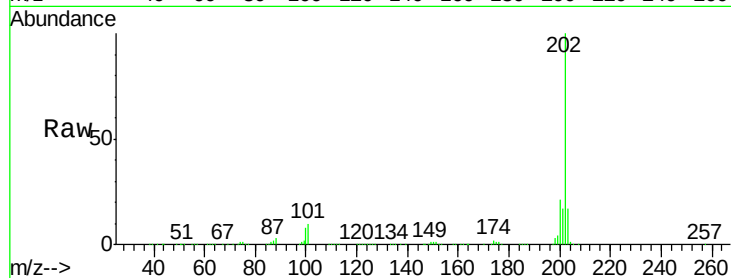
Tgt Ion:202 Resp: 935028

Ion Ratio Lower Upper

202 100

200 20.8 17.7 26.5

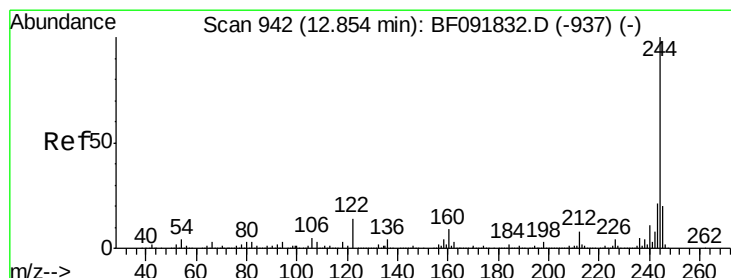
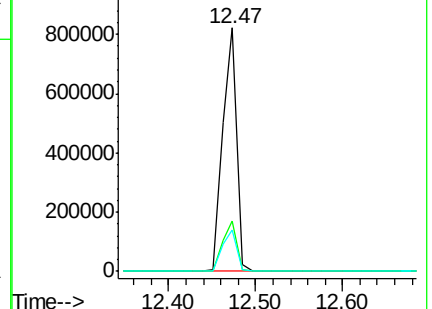
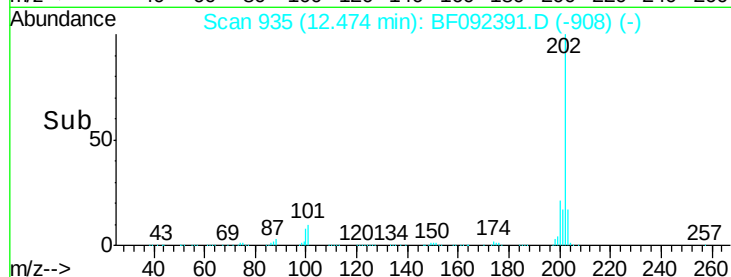
203 17.2 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 92.78 ng

RT: 12.62 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF092391.D

Acq: 21 Jan 2017 2:08

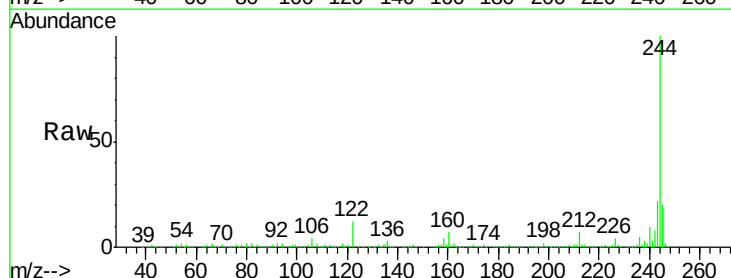
Tgt Ion:244 Resp: 1049147

Ion Ratio Lower Upper

244 100

212 7.0 6.2 9.2

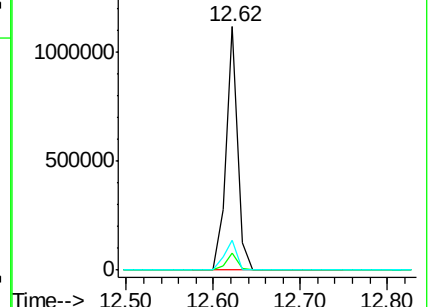
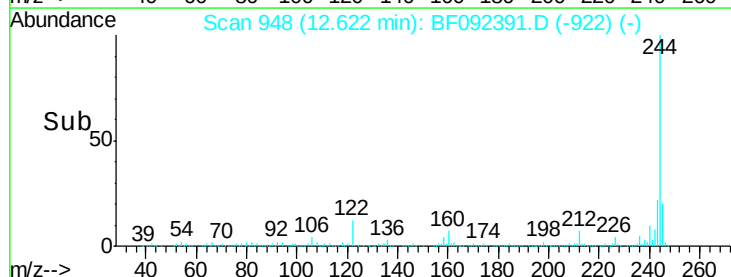
122 12.1 11.4 17.2

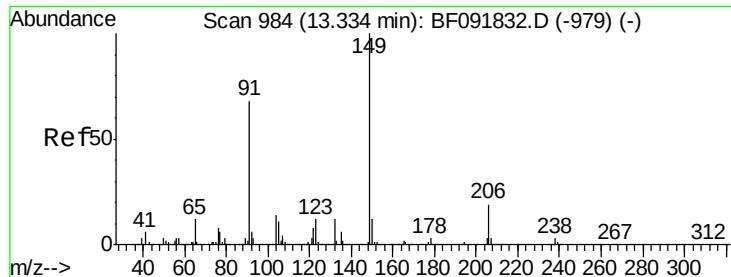


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

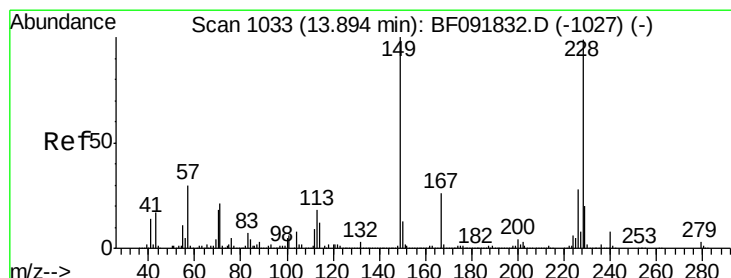
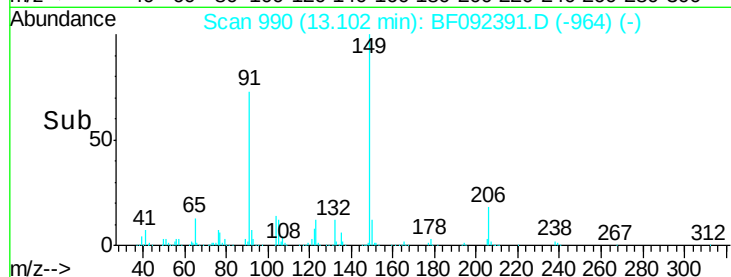
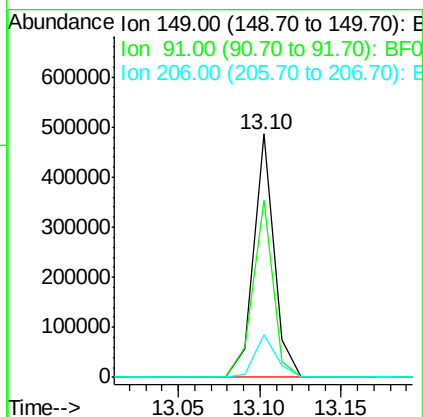
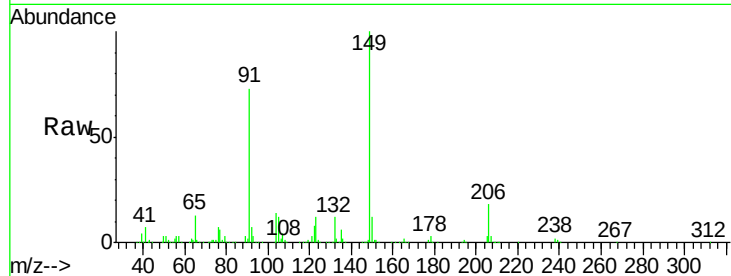




#79
Butylbenzylphthalate
Concen: 46.65 ng
RT: 13.10 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF092391.D
Acq: 21 Jan 2017 2:08

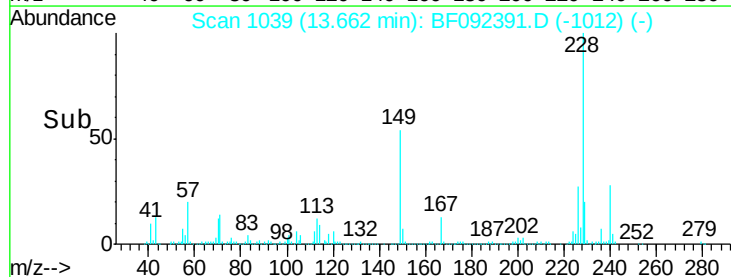
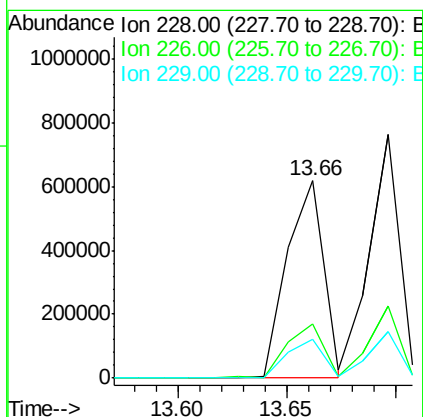
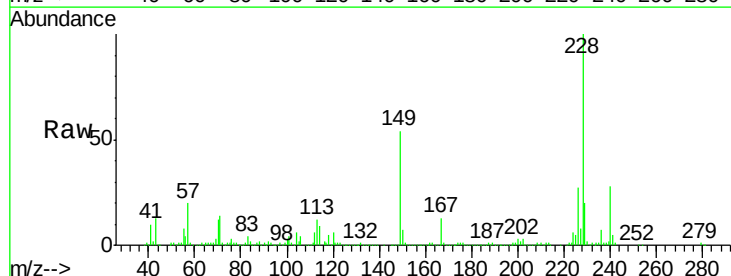
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

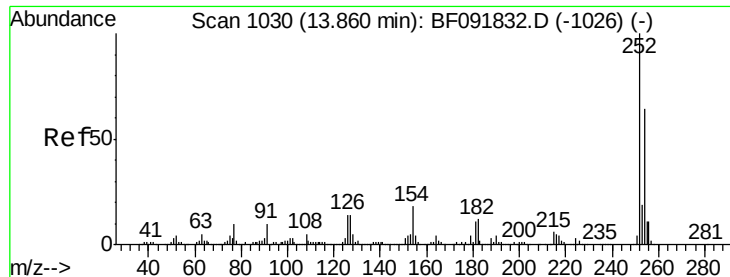
Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.9	63.9	95.9
206	17.7	14.6	21.8



#80
Benzo(a)anthracene
Concen: 47.05 ng
RT: 13.66 min Scan# 1039
Delta R.T. 0.01 min
Lab File: BF092391.D
Acq: 21 Jan 2017 2:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.4	33.6
229	19.9	16.2	24.4

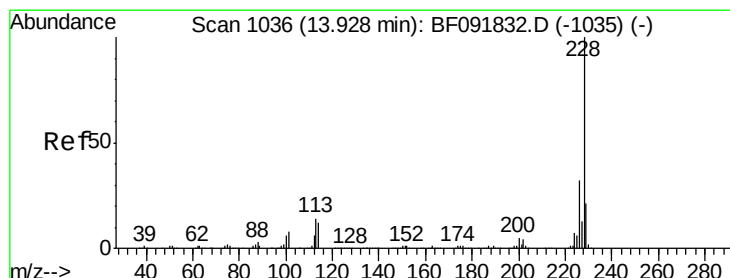
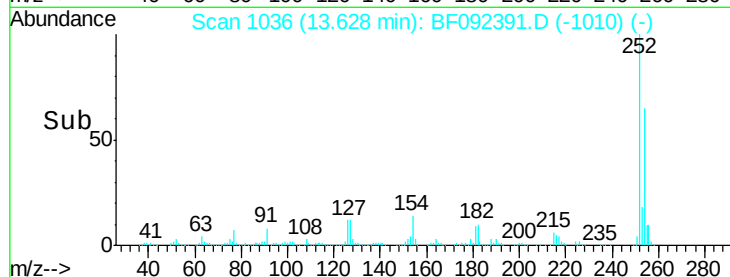
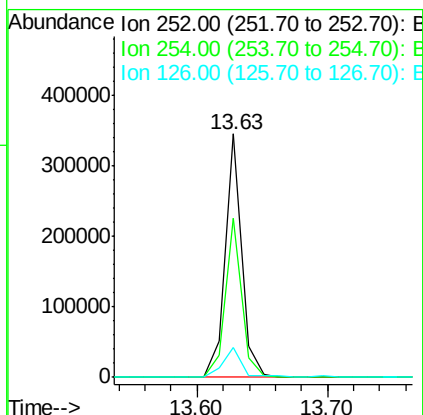
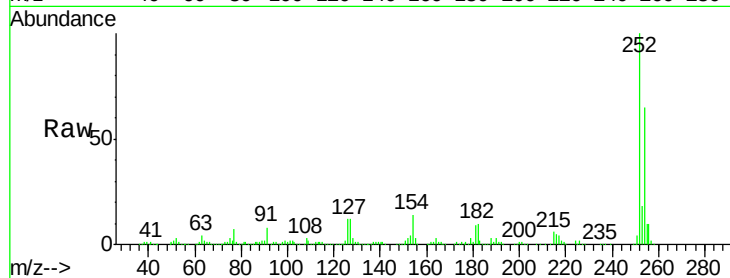




#81
 3,3'-Dichlorobenzidine
 Concen: 52.28 ng
 RT: 13.63 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF092391.D
 Acq: 21 Jan 2017 2:08

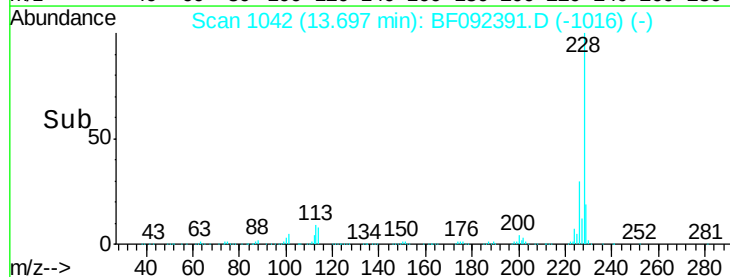
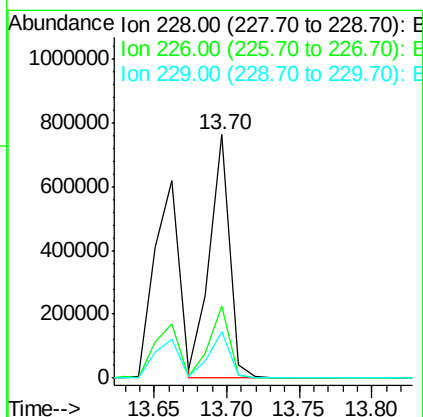
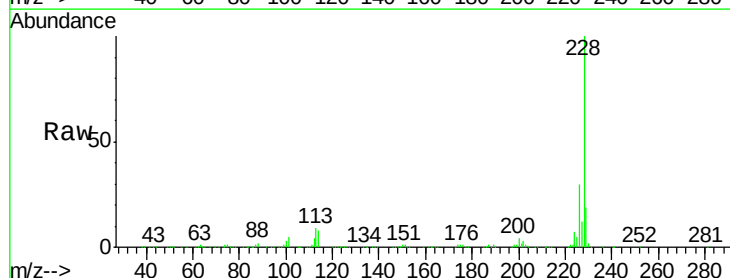
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

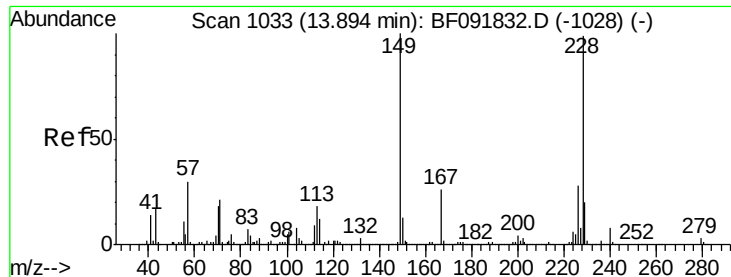
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.2	52.3	78.5
126	12.1	13.6	20.4



#82
 Chrysene
 Concen: 47.27 ng
 RT: 13.70 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BF092391.D
 Acq: 21 Jan 2017 2:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.4	38.0
229	19.4	16.2	24.2

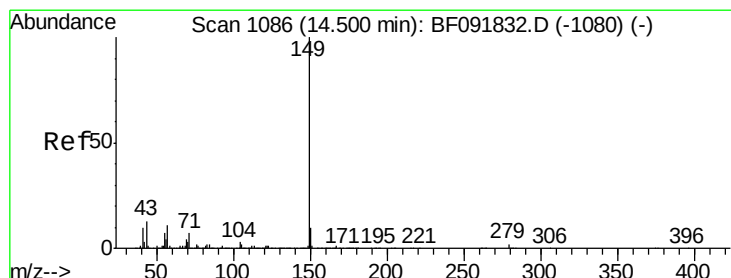
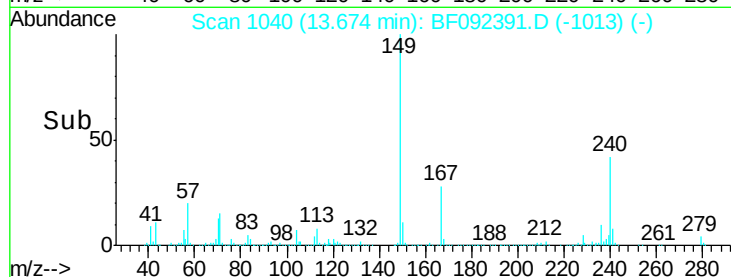
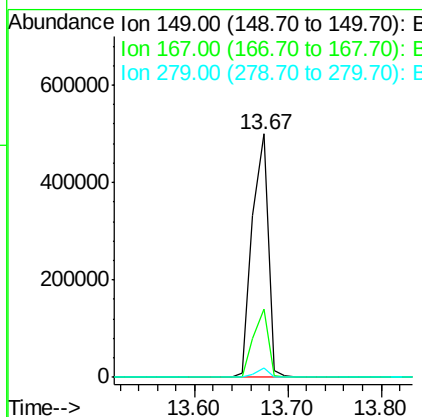
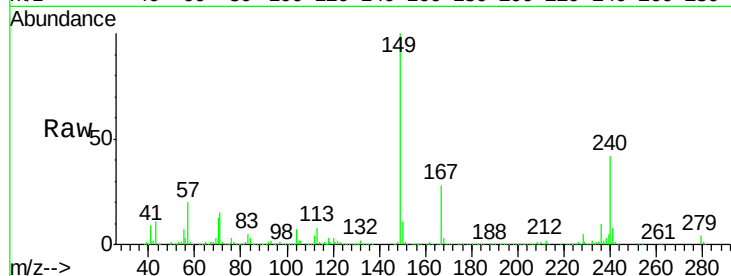




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 54.70 ng
 RT: 13.67 min Scan# 1040
 Delta R.T. 0.01 min
 Lab File: BF092391.D
 Acq: 21 Jan 2017 2:08

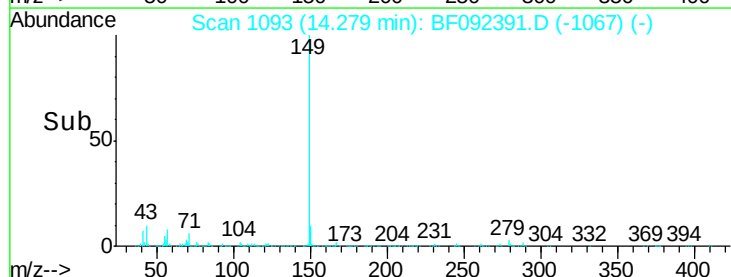
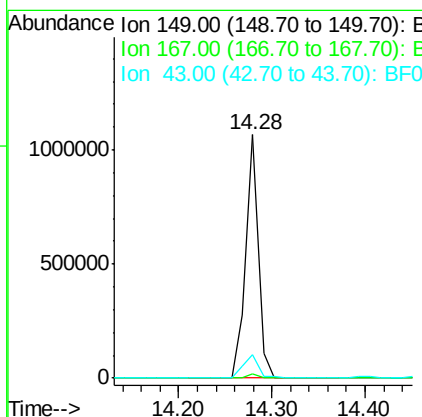
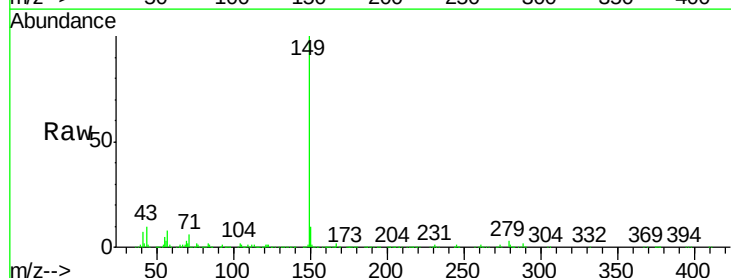
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

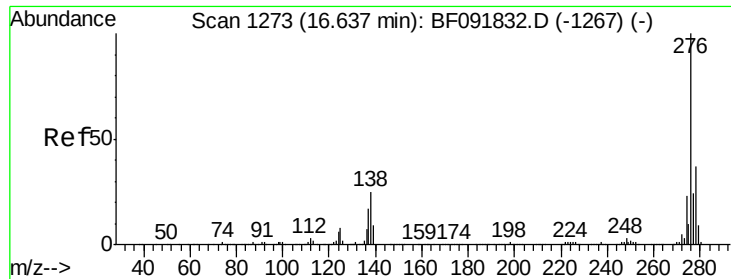
Tgt Ion:149 Resp: 589533
 Ion Ratio Lower Upper
 149 100
 167 28.0 20.2 30.4
 279 3.8 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 50.39 ng
 RT: 14.28 min Scan# 1093
 Delta R.T. -0.00 min
 Lab File: BF092391.D
 Acq: 21 Jan 2017 2:08

Tgt Ion:149 Resp: 1005972
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 11.5 8.9 13.3

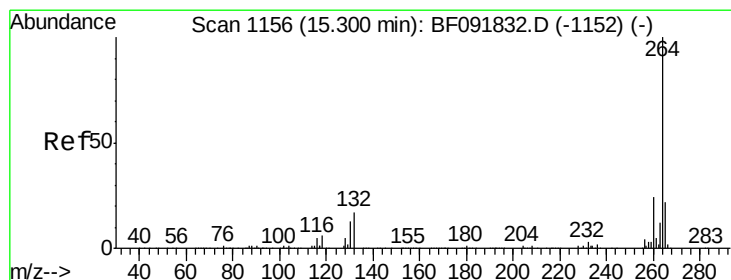
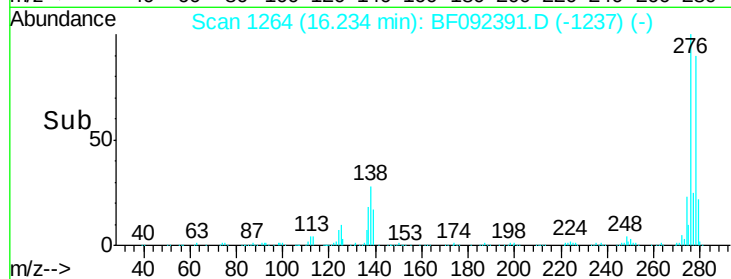
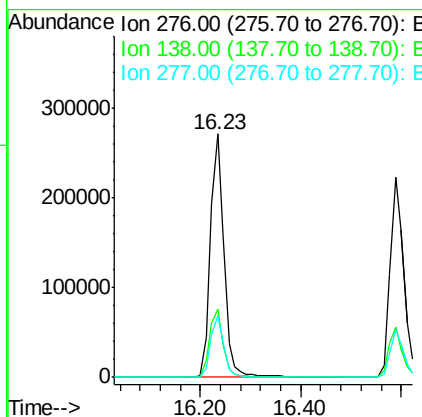
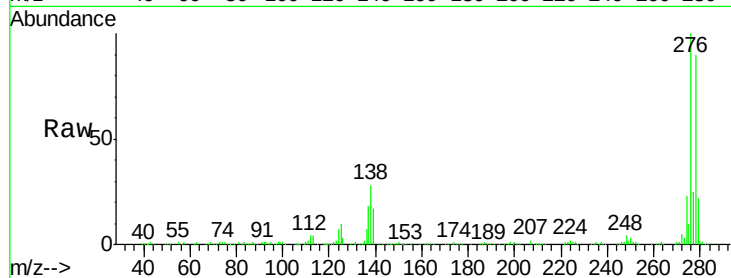




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.15 ng
 RT: 16.23 min Scan# 1264
 Delta R.T. 0.01 min
 Lab File: BF092391.D
 Acq: 21 Jan 2017 2:08

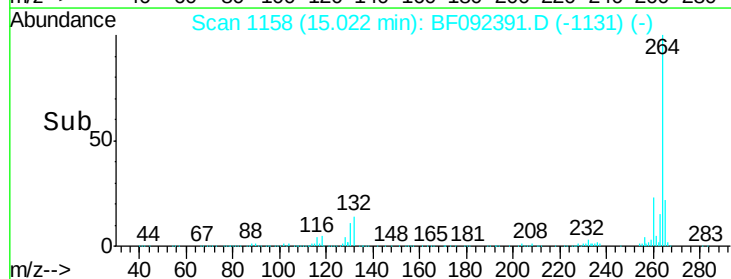
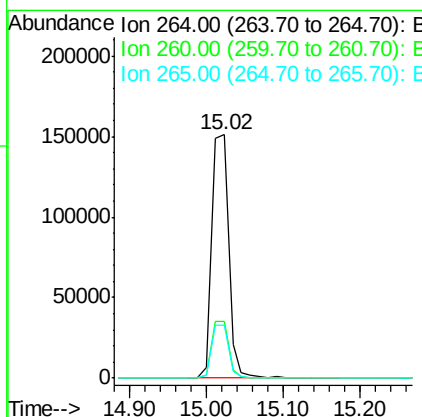
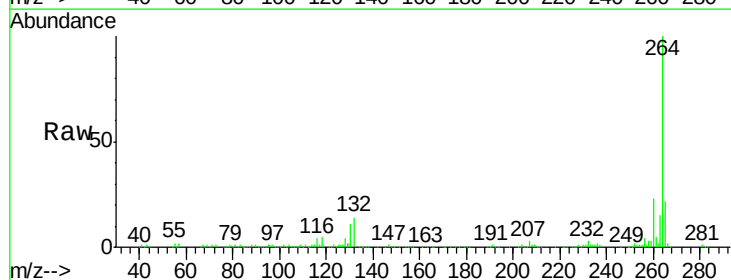
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

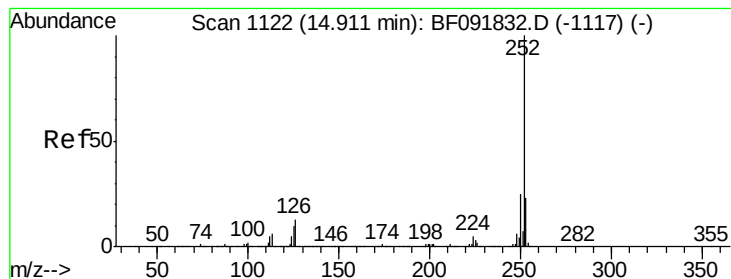
Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.4	21.8	32.6
277	24.9	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.02 min Scan# 1158
 Delta R.T. 0.01 min
 Lab File: BF092391.D
 Acq: 21 Jan 2017 2:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.8	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 80.74 ng

RT: 14.66 min Scan# 1126

Delta R.T. -0.00 min

Lab File: BF092391.D

Acq: 21 Jan 2017 2:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

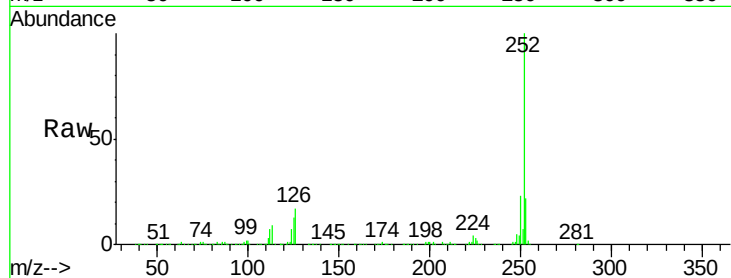
Tgt Ion:252 Resp: 1161699

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.4

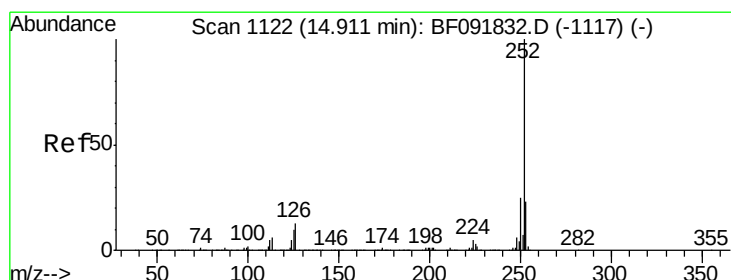
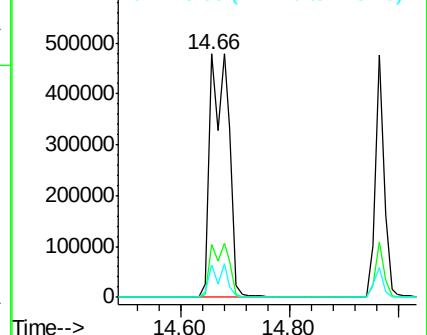
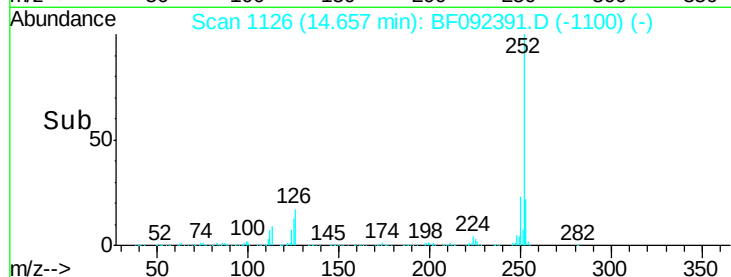
125 13.4 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 94.69 ng

RT: 14.66 min Scan# 1126

Delta R.T. -0.02 min

Lab File: BF092391.D

Acq: 21 Jan 2017 2:08

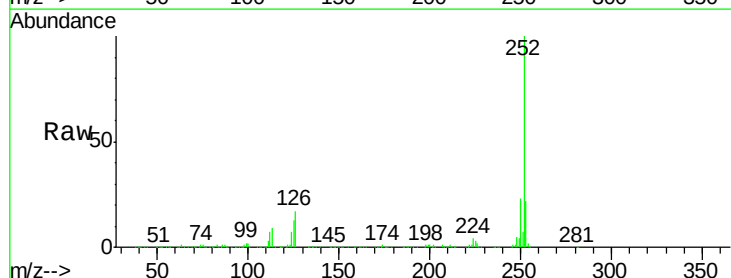
Tgt Ion:252 Resp: 1161699

Ion Ratio Lower Upper

252 100

253 21.9 18.5 27.7

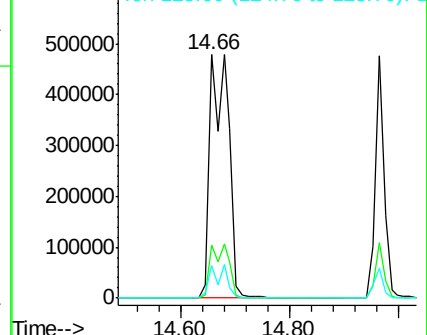
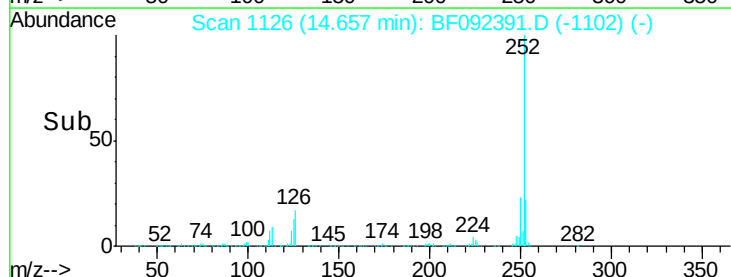
125 13.4 8.9 13.3#

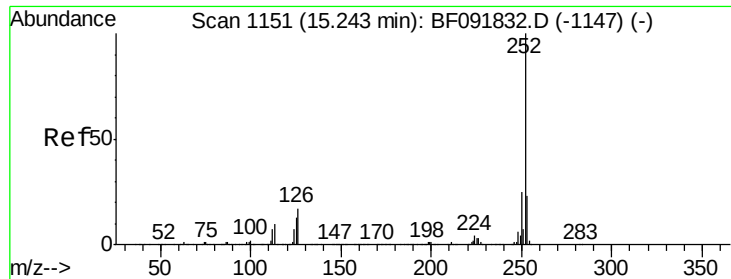


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

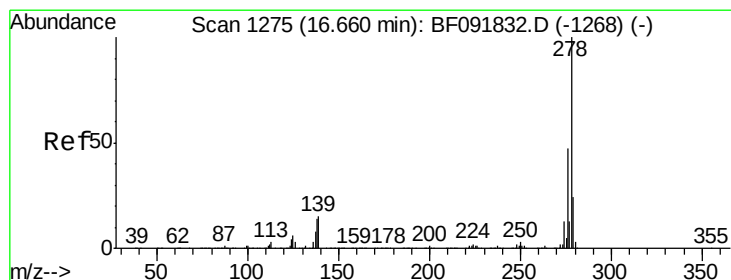
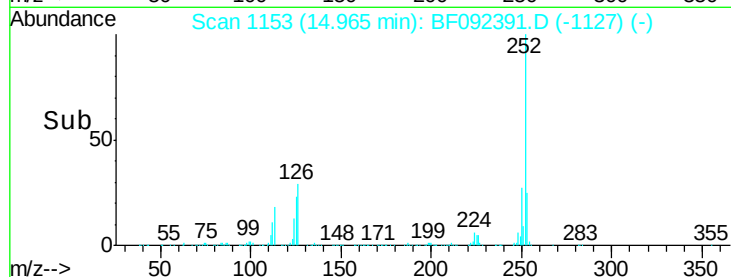
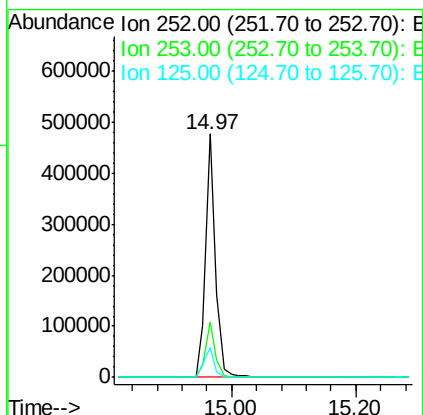
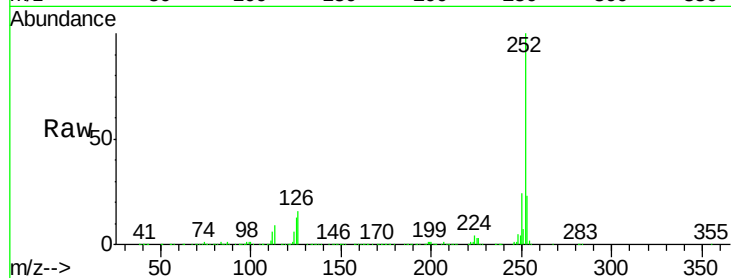




#89
Benzo(a)pyrene
Concen: 41.81 ng
RT: 14.97 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BF092391.D
Acq: 21 Jan 2017 2:08

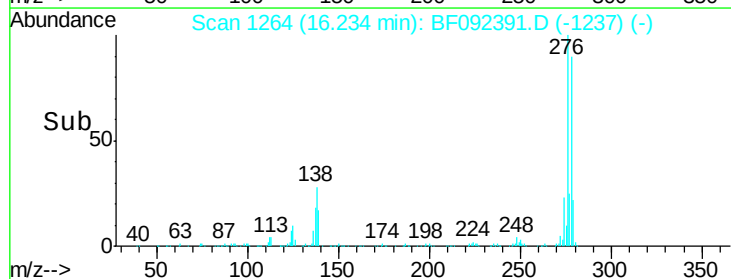
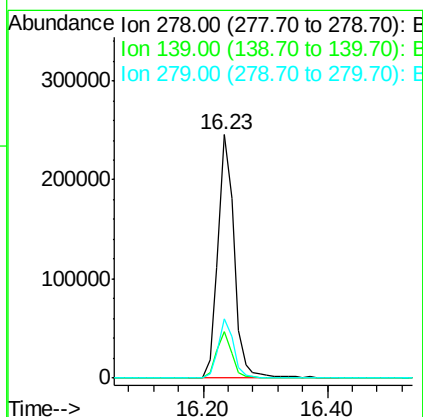
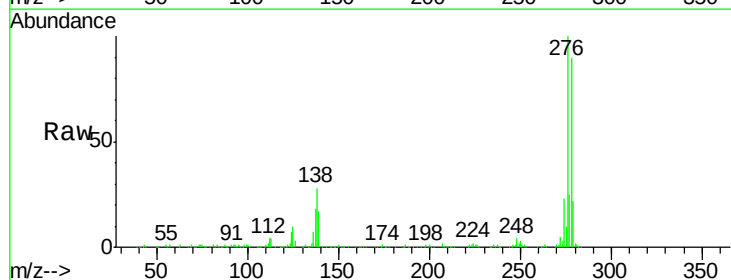
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

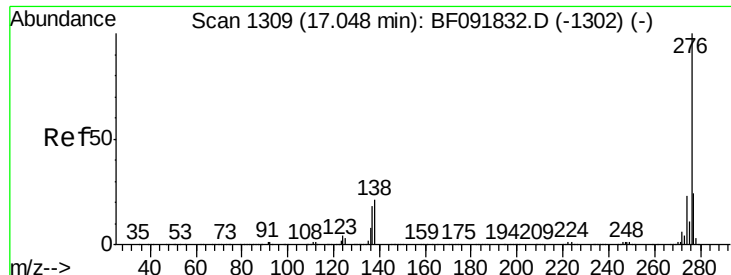
Tgt Ion: 252 Resp: 533944
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 12.5 10.0 15.0



#90
Dibenzo(a,h)anthracene
Concen: 41.97 ng
RT: 16.23 min Scan# 1264
Delta R.T. 0.01 min
Lab File: BF092391.D
Acq: 21 Jan 2017 2:08

Tgt Ion: 278 Resp: 440520
Ion Ratio Lower Upper
278 100
139 19.1 14.8 22.2
279 24.1 19.8 29.6





#91

Benzo(g,h,i)perylene

Concen: 39.50 ng

RT: 16.59 min Scan# 1295

Delta R.T. 0.01 min

Lab File: BF092391.D

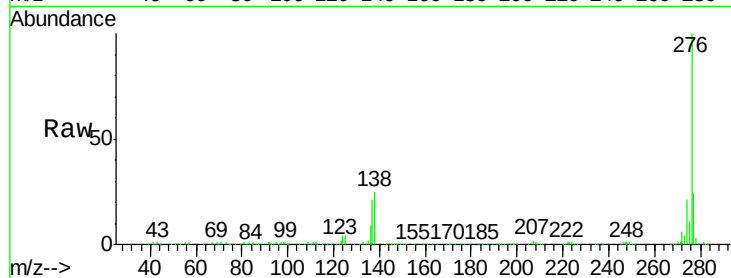
Acq: 21 Jan 2017 2:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 276 Resp: 431081

Ion Ratio Lower Upper

276 100

277 23.9 19.2 28.8

138 24.9 16.0 24.0#

