

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012617\
 Data File : BF092556.D
 Acq On : 27 Jan 2017 5:37
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jan 27 06:08:04 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	166080	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	692362	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	389422	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	619928	20.00	ng	-0.01
75) Chrysene-d12	14.17	240	487576	20.00	ng	0.00
86) Perylene-d12	15.64	264	397256	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	801867	75.12	ng	0.01
7) Phenol-d6	6.60	99	1056274	77.68	ng	0.01
23) Nitrobenzene-d5	7.54	82	945232	74.58	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	214490	80.83	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1619811	76.92	ng	-0.01
78) Terphenyl-d14	13.10	244	1387557	75.78	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.61	88	219057	38.59	ng	# 83
3) Pyridine	3.37	79	654967	40.52	ng	# 80
4) n-Nitrosodimethylamine	3.33	42	294099	37.09	ng	80
6) Aniline	6.64	93	824911	40.67	ng	# 44
8) 2-Chlorophenol	6.75	128	446418	39.81	ng	87
9) Benzaldehyde	6.51	77	341993	35.44	ng	87
10) Phenol	6.61	94	637844	38.87	ng	# 75
11) bis(2-Chloroethyl)ether	6.70	93	466300	37.97	ng	92
12) 1,3-Dichlorobenzene	6.91	146	527622	39.79	ng	# 93
13) 1,4-Dichlorobenzene	6.99	146	557112	41.74	ng	96
14) 1,2-Dichlorobenzene	7.14	146	478025	37.76	ng	97
15) Benzyl Alcohol	7.12	79	420137	41.00	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.25	45	925623	38.11	ng	93
17) 2-Methylphenol	7.23	107	401360	41.89	ng	95
18) Hexachloroethane	7.49	117	188400	40.98	ng	90
19) n-Nitroso-di-n-propylamine	7.39	70	331698	35.82	ng	93
20) 3+4-Methylphenols	7.38	107	440224	37.88	ng	89
22) Acetophenone	7.39	105	657127	39.85	ng	# 97
24) Nitrobenzene	7.56	77	548098	41.28	ng	95
25) Isophorone	7.80	82	934059	37.40	ng	95
26) 2-Nitrophenol	7.88	139	268382	48.24	ng	# 84
27) 2,4-Dimethylphenol	7.92	122	438122	37.86	ng	98
28) bis(2-Chloroethoxy)methane	8.02	93	623696	38.04	ng	98
29) 2,4-Dichlorophenol	8.12	162	419666	41.83	ng	92
30) 1,2,4-Trichlorobenzene	8.20	180	407061	37.54	ng	94
31) Naphthalene	8.29	128	1369862	38.66	ng	98
32) Benzoic acid	8.03	122	267389	32.58	ng	96
33) 4-Chloroaniline	8.34	127	624438	41.65	ng	98
34) Hexachlorobutadiene	8.41	225	233713	39.40	ng	99
35) Caprolactam	8.73	113	142136	42.43	ng	# 74
36) 4-Chloro-3-methylphenol	8.82	107	416456	38.49	ng	96
37) 2-Methylnaphthalene	8.98	142	829286	36.97	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	407187	41.45	ng	100
40) Hexachlorocyclopentadiene	9.14	237	163242	33.18	ng	97

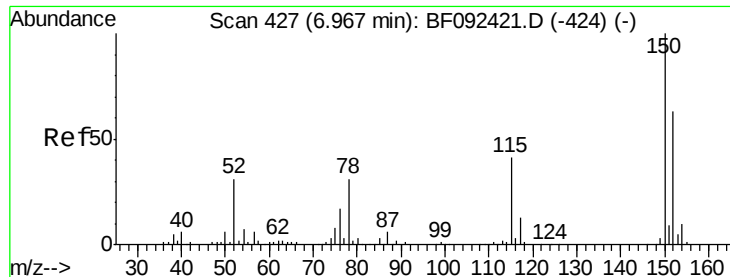
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42) 2,4,6-Trichlorophenol	9.26	196	311589	41.40	ng	94
43) 2,4,5-Trichlorophenol	9.30	196	264841	38.46	ng	97
45) 1,1'-Biphenyl	9.45	154	1003350	35.64	ng	96
46) 2-Chloronaphthalene	9.48	162	884947	38.49	ng	94
47) 2-Nitroaniline	9.57	65	334673	43.22	ng	95
48) Acenaphthylene	9.89	152	1317147	39.06	ng	99
49) Dimethylphthalate	9.76	163	1024909	41.39	ng	100
50) 2,6-Dinitrotoluene	9.81	165	207238	40.94	ng	# 78
51) Acenaphthene	10.06	154	790048	37.70	ng	97
52) 3-Nitroaniline	9.98	138	253183	39.94	ng	100
53) 2,4-Dinitrophenol	10.09	184	101094	43.02	ng	# 86
54) Dibenzofuran	10.24	168	1070845	37.63	ng	96
55) 4-Nitrophenol	10.14	139	202692	40.26	ng	91
56) 2,4-Dinitrotoluene	10.21	165	269860	40.17	ng	94
57) Fluorene	10.58	166	802717	38.05	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.35	232	200649	38.89	ng	100
59) Diethylphthalate	10.45	149	941929	39.67	ng	98
60) 4-Chlorophenyl-phenylether	10.57	204	397233	38.82	ng	96
61) 4-Nitroaniline	10.60	138	248581	39.21	ng	94
62) Azobenzene	10.73	77	1003254	37.13	ng	94
64) 4,6-Dinitro-2-methylphenol	10.62	198	137480	41.86	ng	# 47
65) n-Nitrosodiphenylamine	10.69	169	812188	41.95	ng	100
66) 4-Bromophenyl-phenylether	11.06	248	247068	39.47	ng	# 88
67) Hexachlorobenzene	11.13	284	242757	38.37	ng	# 85
68) Atrazine	11.22	200	247470	37.35	ng	99
69) Pentachlorophenol	11.32	266	145910	36.07	ng	97
70) Phenanthrene	11.55	178	1369416	40.11	ng	98
71) Anthracene	11.60	178	1341172	40.20	ng	99
72) Carbazole	11.76	167	1298237	40.75	ng	98
73) Di-n-butylphthalate	12.09	149	1579036	43.35	ng	# 96
74) Fluoranthene	12.74	202	1453199	43.52	ng	94
76) Benzidine	12.85	184	540782	29.88	ng	97
77) Pyrene	12.97	202	1506331	42.64	ng	99
79) Butylbenzylphthalate	13.59	149	683724	47.77	ng	# 80
80) Benzo(a)anthracene	14.16	228	1043566	39.83	ng	99
81) 3,3'-Dichlorobenzidine	14.11	252	384893	38.69	ng	97
82) Chrysene	14.19	228	1057168	37.78	ng	99
83) Bis(2-ethylhexyl)phthalate	14.15	149	866911	48.10	ng	# 95
84) Di-n-octyl phthalate	14.75	149	1509961	46.15	ng	97
85) Indeno(1,2,3-cd)pyrene	17.14	276	873896	42.21	ng	# 94
87) Benzo(b)fluoranthene	15.21	252	926898	36.34	ng	99
88) Benzo(k)fluoranthene	15.21	252	926898	43.71	ng	98
89) Benzo(a)pyrene	15.59	252	877274	40.66	ng	97
90) Dibenzo(a,h)anthracene	17.16	278	769238	44.09	ng	97
91) Benzo(g,h,i)perylene	17.59	276	767298	43.49	ng	# 90

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.00 min

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SSTDCCC040

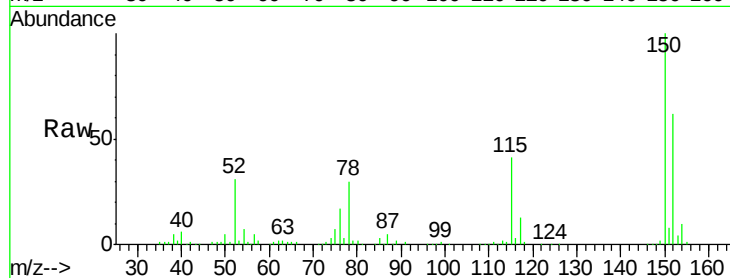
Tgt Ion:152 Resp: 166080

Ion Ratio Lower Upper

152 100

150 160.9 124.9 187.3

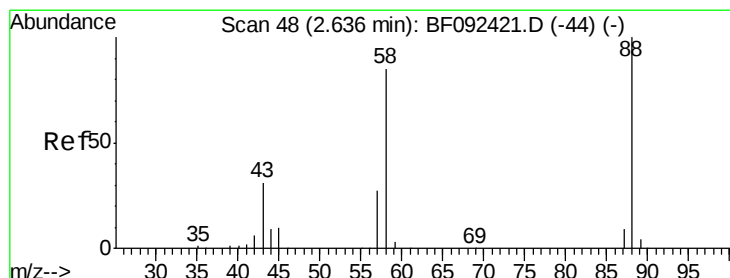
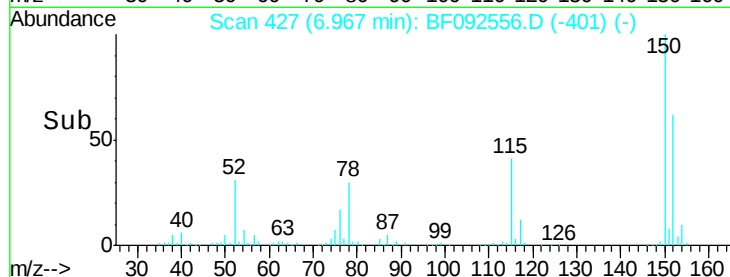
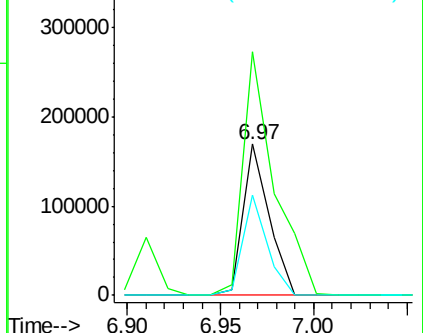
115 66.1 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.59 ng

RT: 2.61 min Scan# 46

Delta R.T. -0.02 min

Lab File: BF092556.D

Acq: 27 Jan 2017 5:37

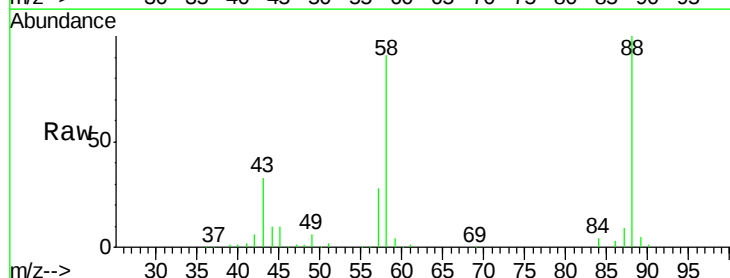
Tgt Ion: 88 Resp: 219057

Ion Ratio Lower Upper

88 100

58 88.4 57.8 86.8#

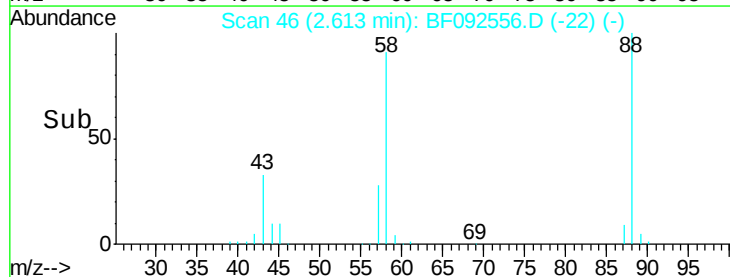
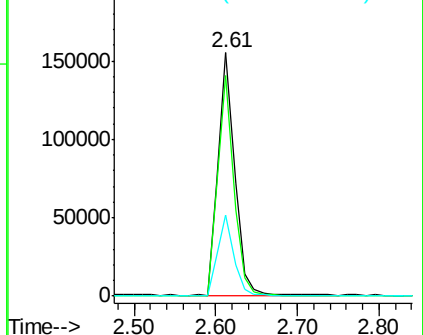
43 33.0 22.3 33.5

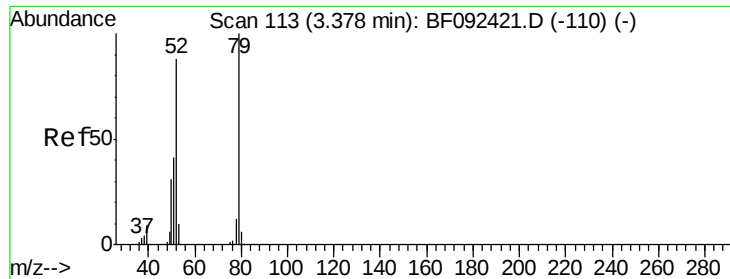


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 40.52 ng

RT: 3.37 min Scan# 112

Delta R.T. -0.01 min

Lab File: BF092556.D

Acq: 27 Jan 2017 5:37

Instrument :

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ClientSampleId :

SSTDCCC040

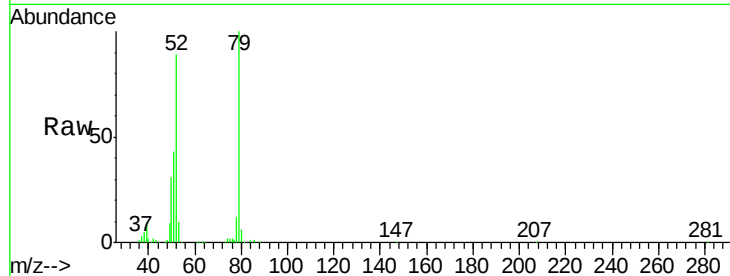
Tgt Ion: 79 Resp: 654967

Ion Ratio Lower Upper

79 100

52 89.5 57.1 85.7#

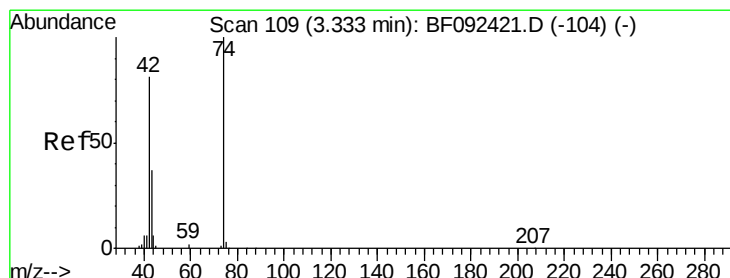
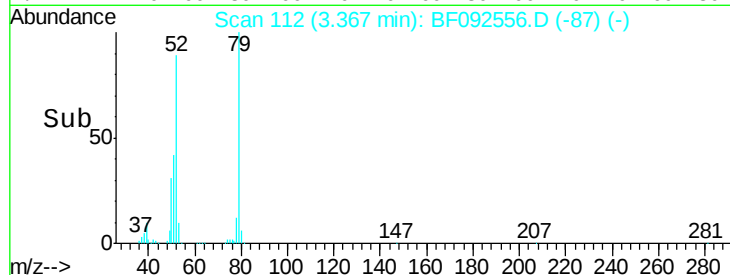
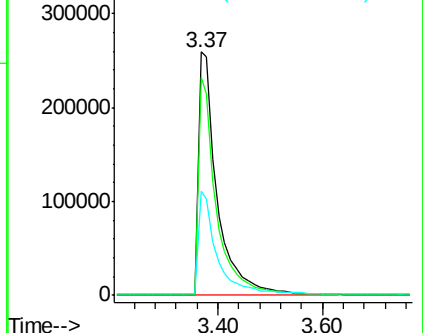
51 42.9 27.3 40.9#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 37.09 ng

RT: 3.33 min Scan# 109

Delta R.T. -0.00 min

Lab File: BF092556.D

Acq: 27 Jan 2017 5:37

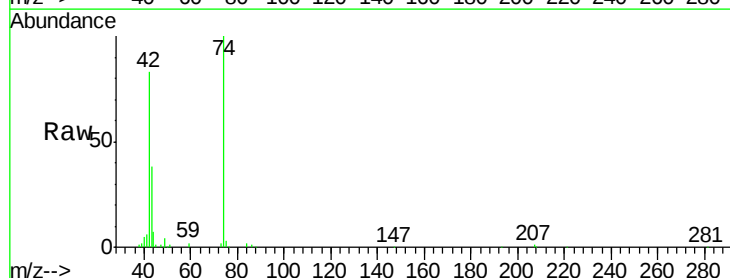
Tgt Ion: 42 Resp: 294099

Ion Ratio Lower Upper

42 100

74 120.4 117.0 175.4

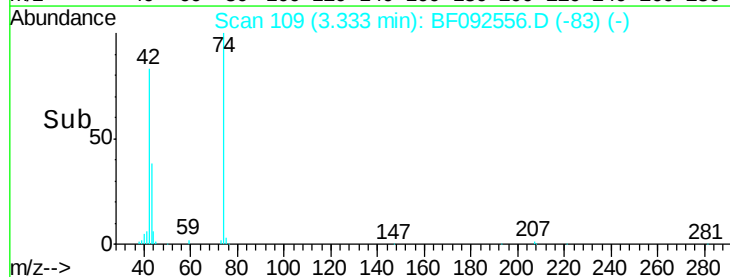
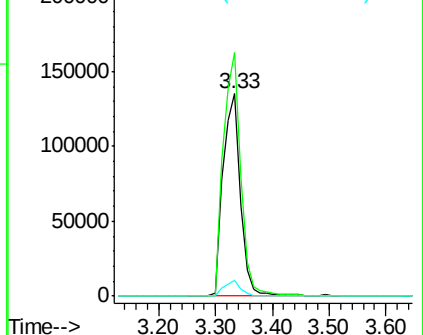
44 7.9 5.5 8.3

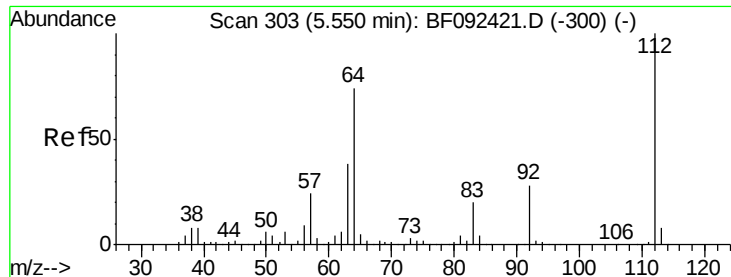


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 75.12 ng

RT: 5.56 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF092556.D

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SSTDCCC040

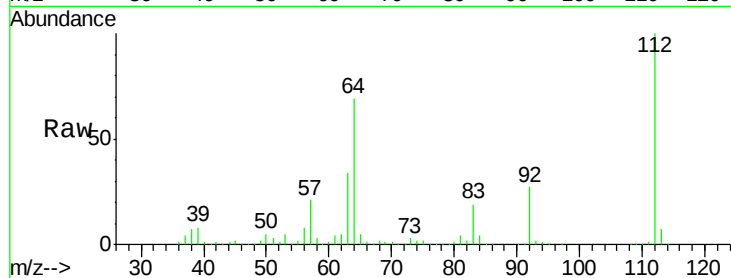
Tgt Ion: 112 Resp: 801867

Ion Ratio Lower Upper

112 100

64 68.8 46.1 69.1

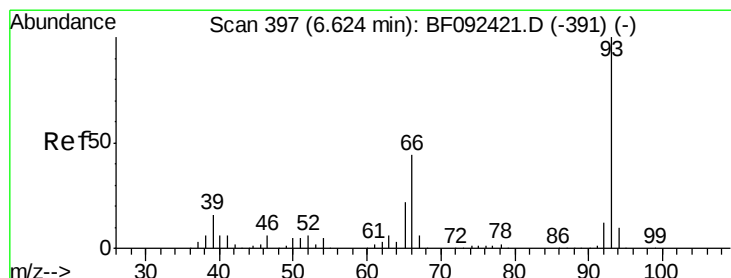
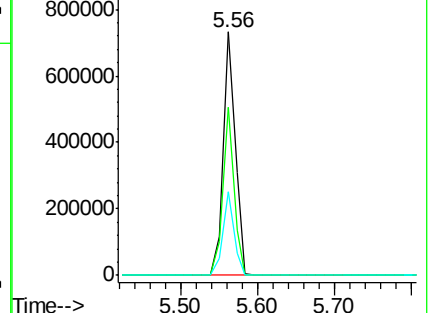
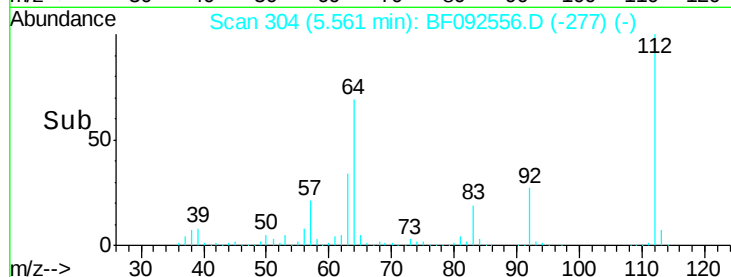
63 34.4 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 40.67 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.01 min

Lab File: BF092556.D

Acq: 27 Jan 2017 5:37

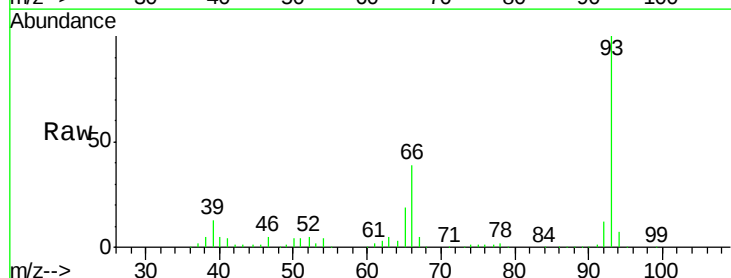
Tgt Ion: 93 Resp: 824911

Ion Ratio Lower Upper

93 100

66 39.5 76.2 114.2#

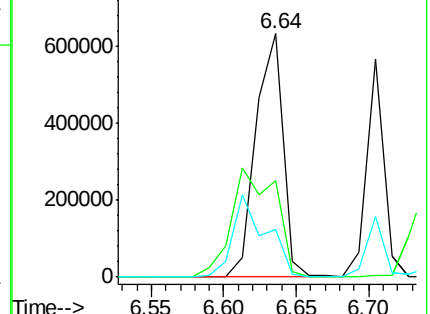
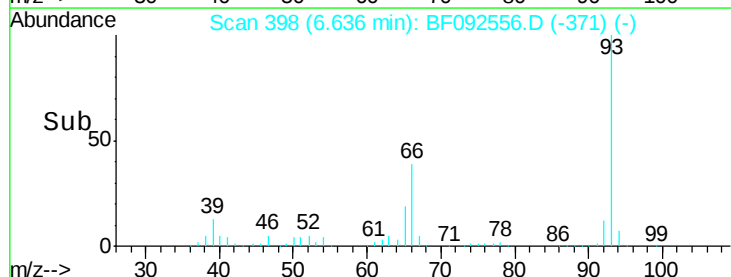
65 19.5 49.3 73.9#

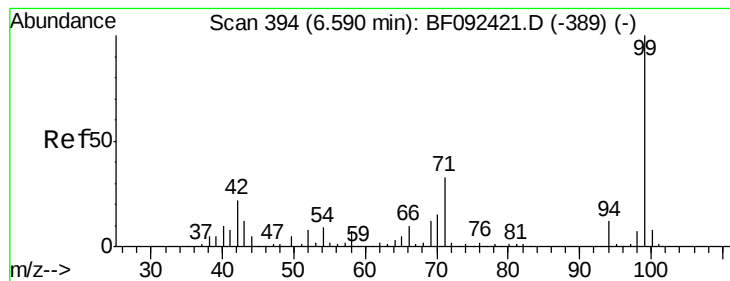


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 77.68 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.01 min

Lab File: BF092556.D

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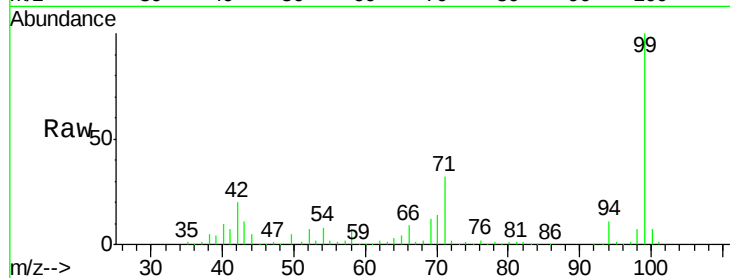
Tgt Ion: 99 Resp: 1056274

Ion Ratio Lower Upper

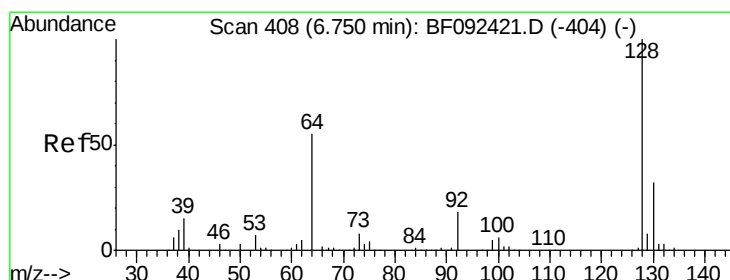
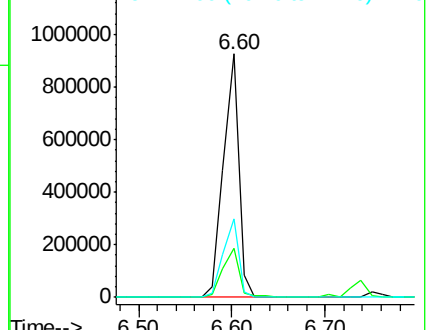
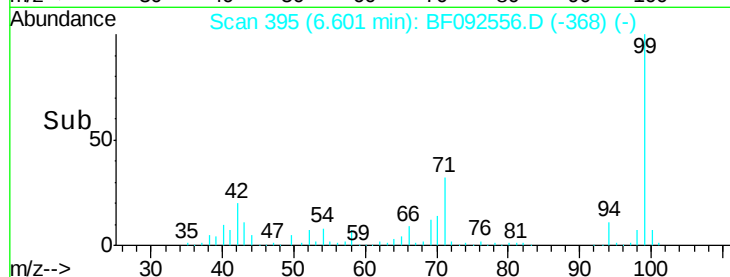
99 100

42 20.4 15.6 23.4

71 32.0 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: 39.81 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF092556.D

Acq: 27 Jan 2017 5:37

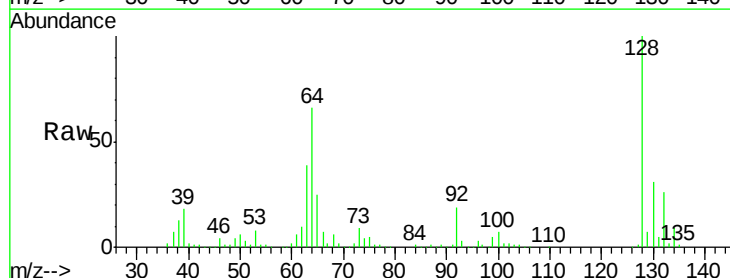
Tgt Ion: 128 Resp: 446418

Ion Ratio Lower Upper

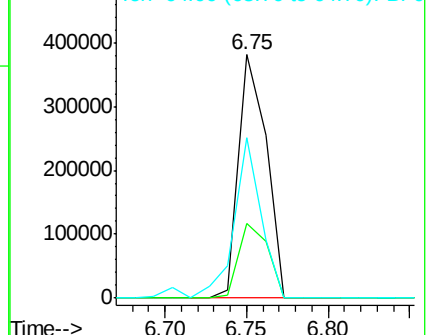
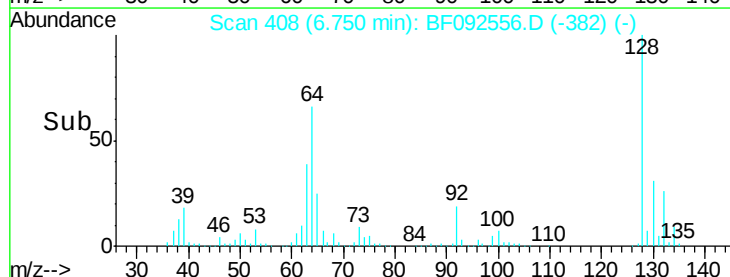
128 100

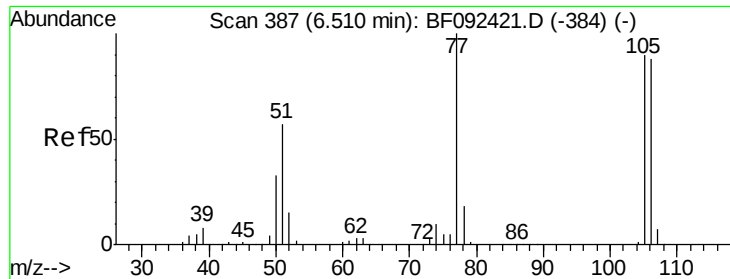
130 30.9 12.3 52.3

64 66.1 32.2 72.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 35.44 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

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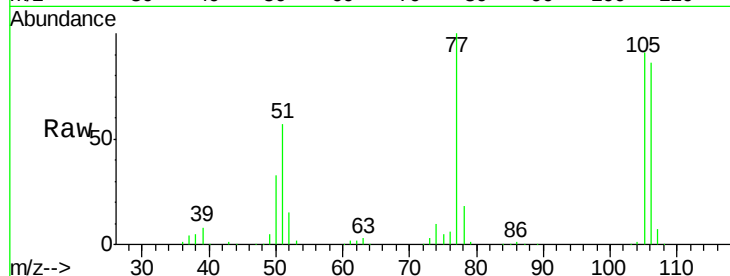
Tgt Ion: 77 Resp: 341993

Ion Ratio Lower Upper

77 100

105 90.5 83.9 123.9

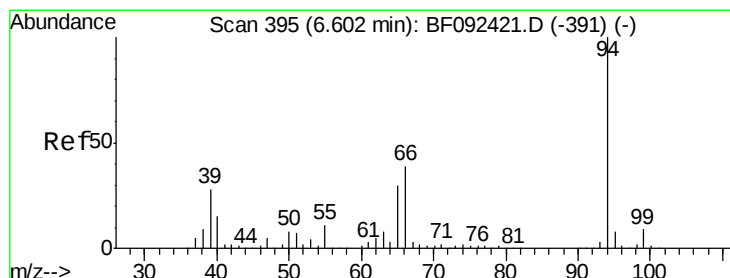
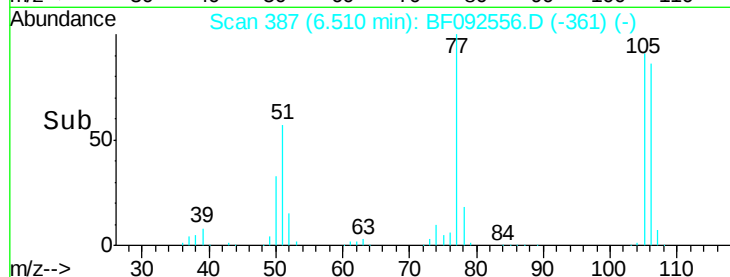
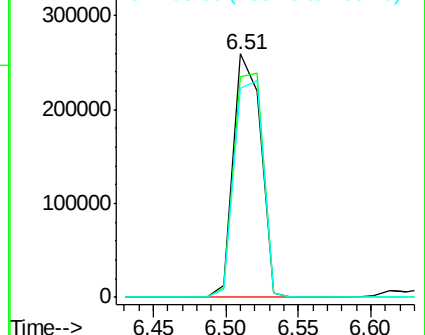
106 85.7 77.6 117.6



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: 38.87 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.01 min

Lab File: BF092556.D

Acq: 27 Jan 2017 5:37

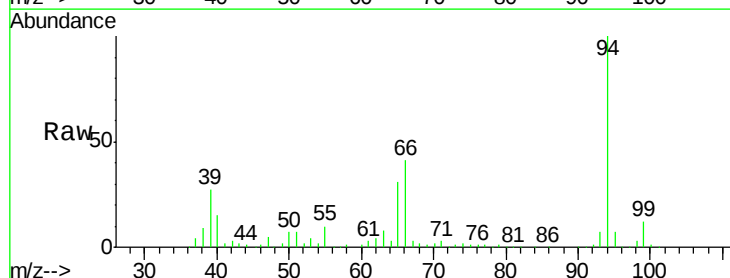
Tgt Ion: 94 Resp: 637844

Ion Ratio Lower Upper

94 100

65 30.7 21.4 61.4

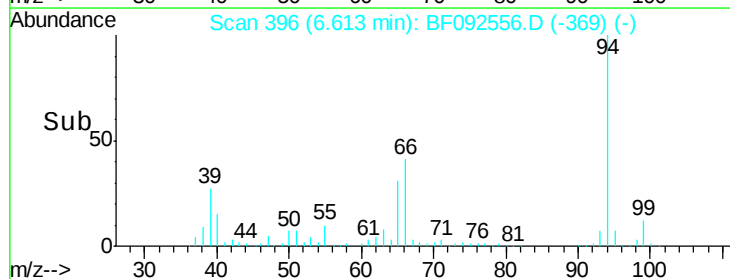
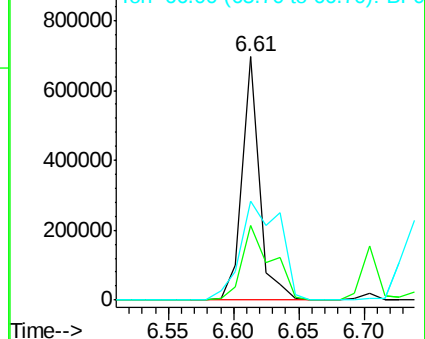
66 40.6 44.0 84.0#

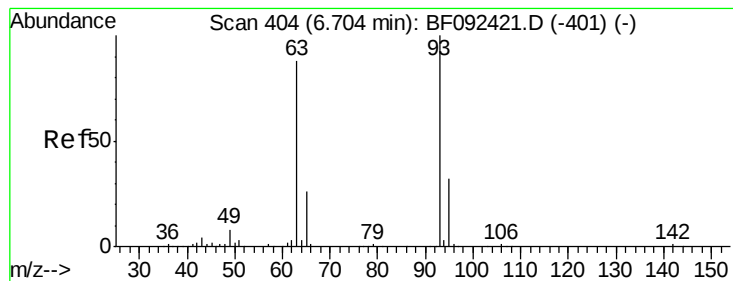


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 37.97 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF092556.D

Acq: 27 Jan 2017 5:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

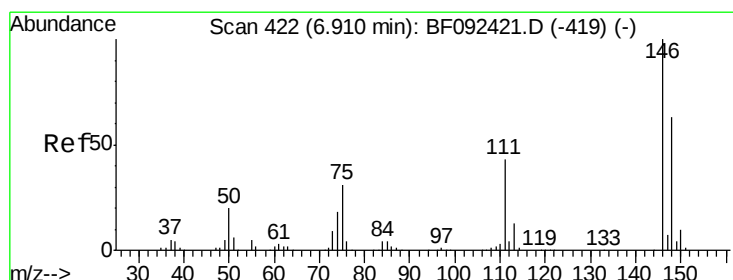
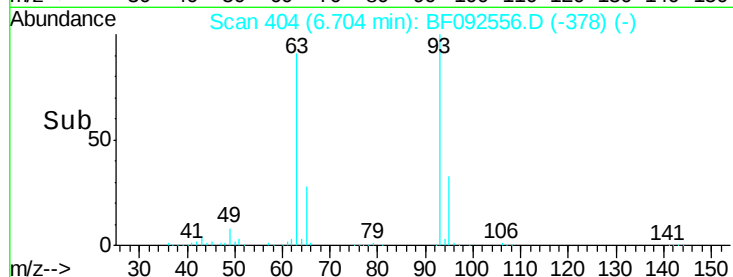
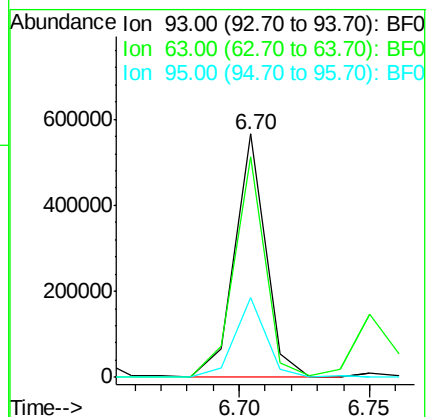
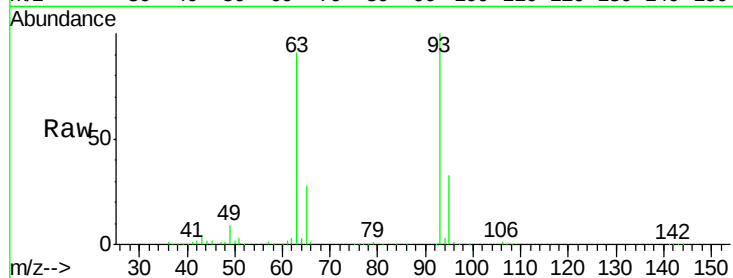
Tgt Ion: 93 Resp: 466300

Ion Ratio Lower Upper

93 100

63 90.5 60.4 100.4

95 33.0 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 39.79 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.00 min

Lab File: BF092556.D

Acq: 27 Jan 2017 5:37

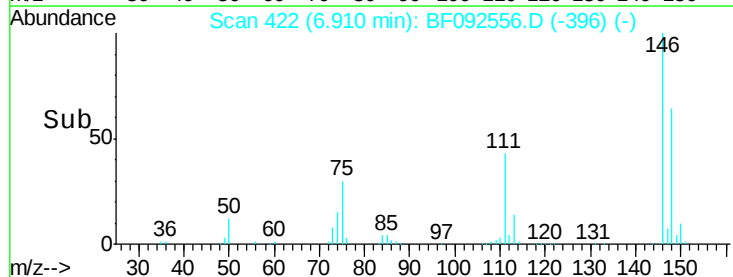
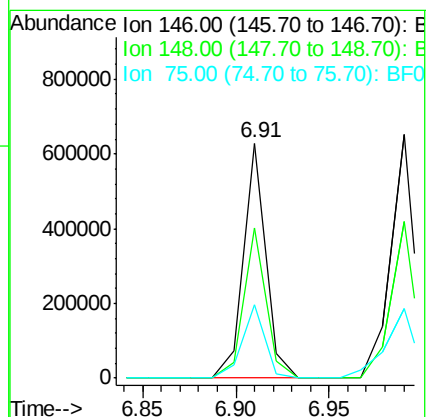
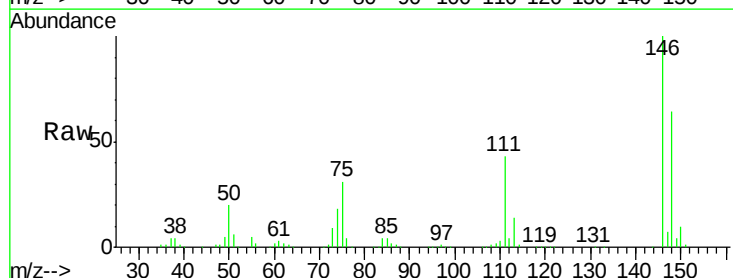
Tgt Ion: 146 Resp: 527622

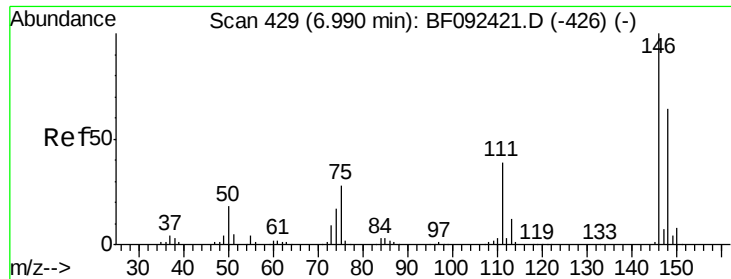
Ion Ratio Lower Upper

146 100

148 63.8 53.4 80.0

75 31.1 18.5 27.7#

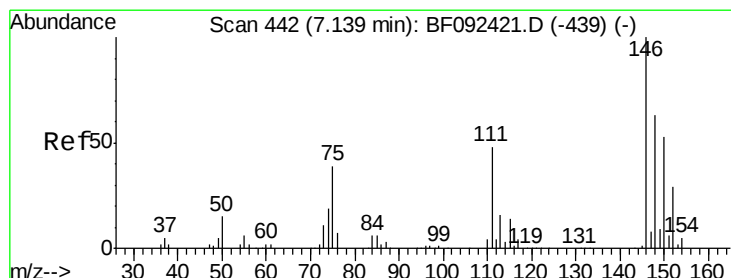
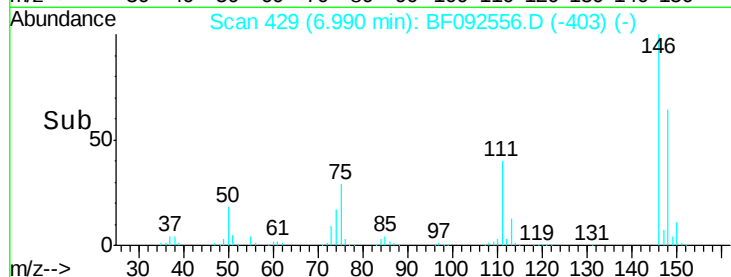
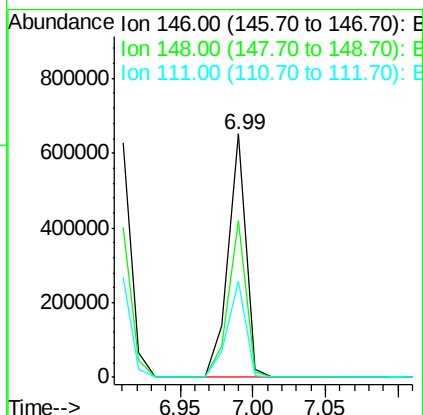
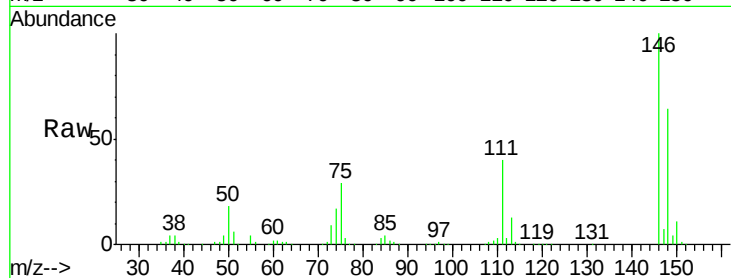




#13
 1,4-Dichlorobenzene
 Concen: 41.74 ng
 RT: 6.99 min Scan# 429
 Delta R.T. -0.00 min
 Lab File: BF092556.D
 Acq: 27 Jan 2017 5:37

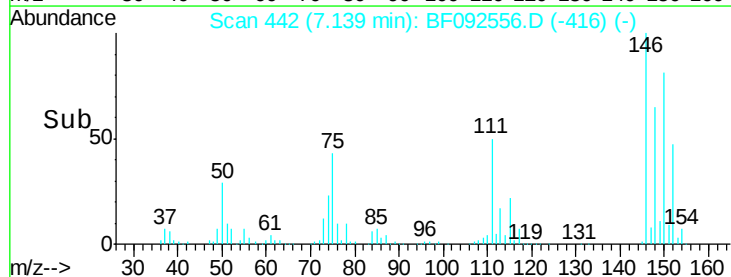
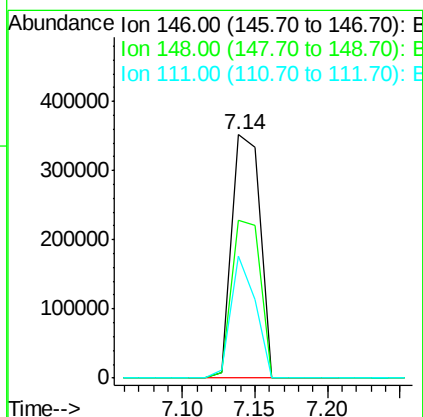
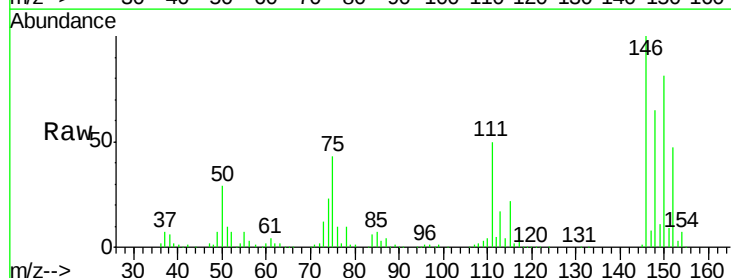
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:146 Resp: 557112
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.6 76.0
 111 39.8 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 37.76 ng
 RT: 7.14 min Scan# 442
 Delta R.T. -0.00 min
 Lab File: BF092556.D
 Acq: 27 Jan 2017 5:37

Tgt Ion:146 Resp: 478025
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.2 78.2
 111 49.9 36.2 54.2





#15

Benzyl Alcohol

Concen: 41.00 ng

RT: 7.12 min Scan# 440

Delta R.T. 0.01 min

Lab File: BF092556.D

Acq: 27 Jan 2017 5:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

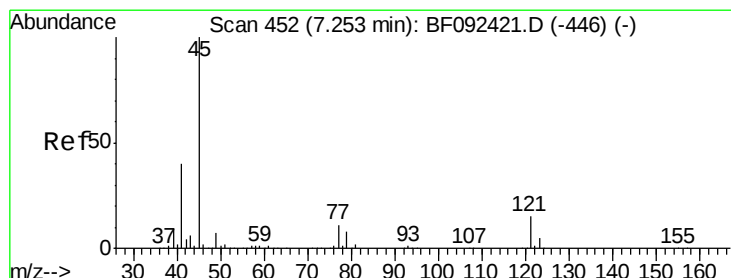
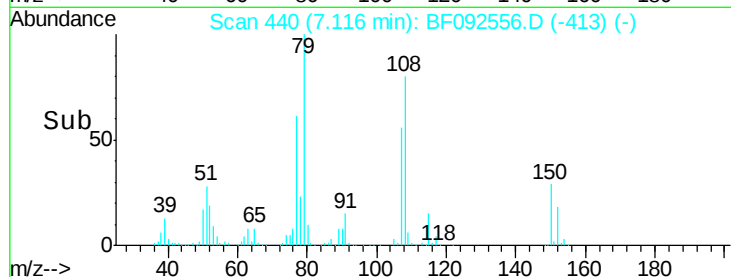
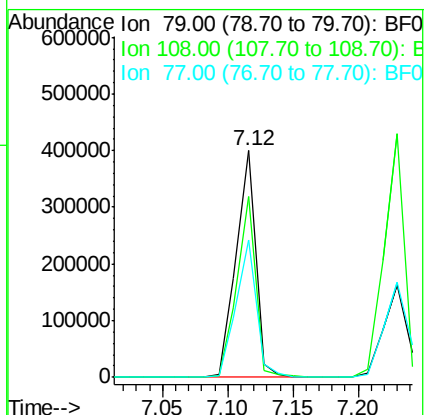
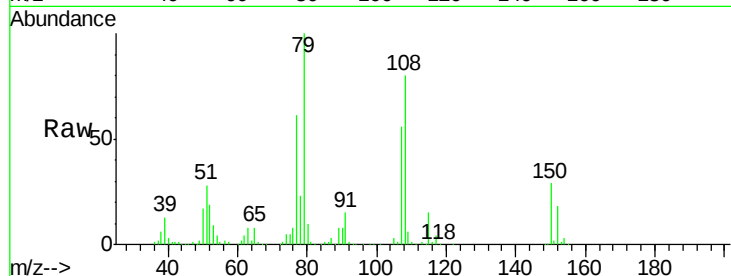
Tgt Ion: 79 Resp: 420137

Ion Ratio Lower Upper

79 100

108 80.0 61.4 92.0

77 60.6 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.11 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF092556.D

Acq: 27 Jan 2017 5:37

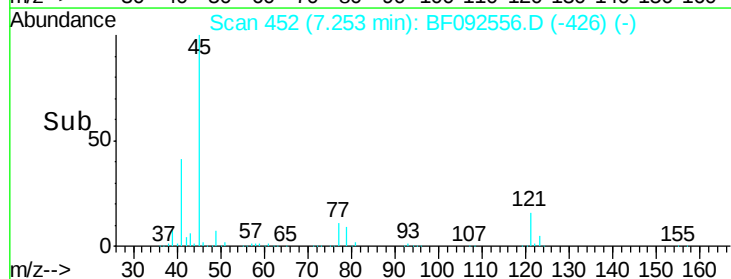
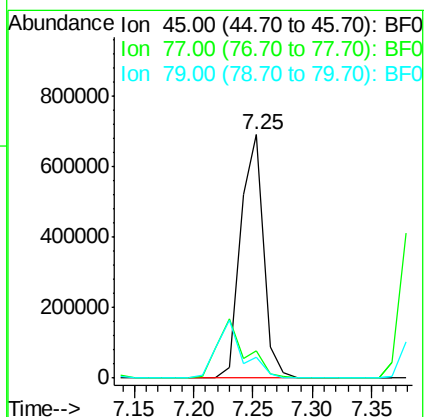
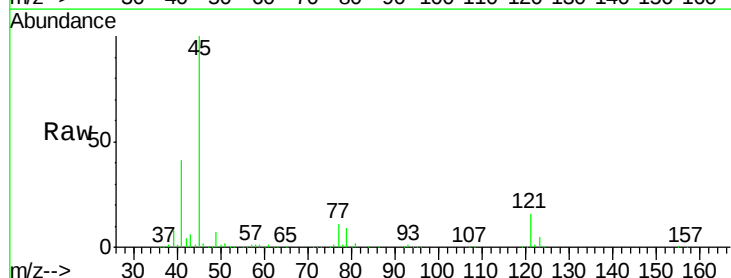
Tgt Ion: 45 Resp: 925623

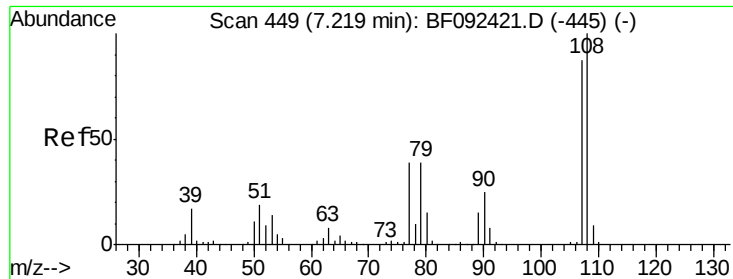
Ion Ratio Lower Upper

45 100

77 11.2 0.0 34.6

79 8.8 0.0 31.2

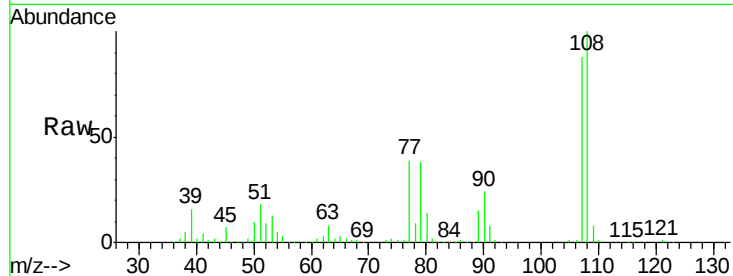




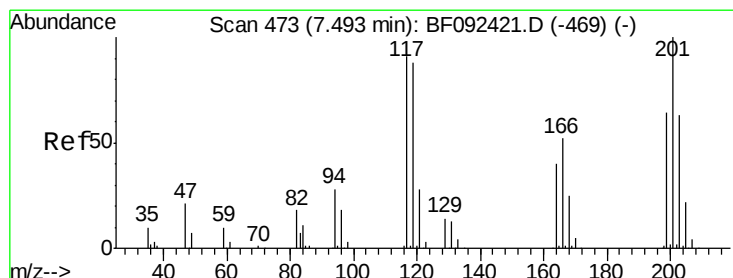
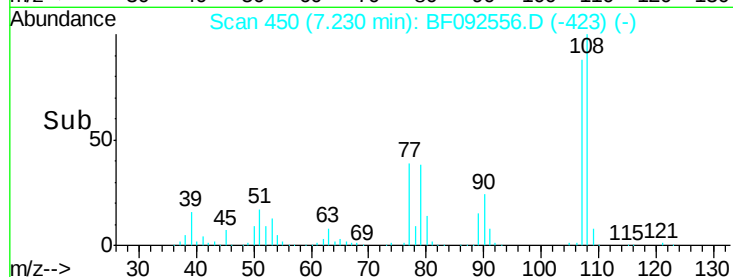
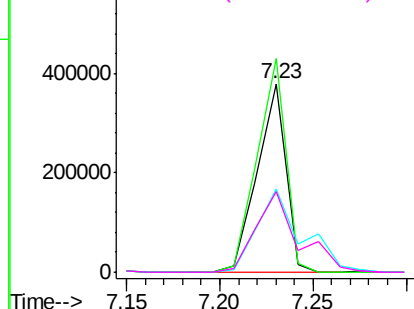
#17
2-Methylphenol
Concen: 41.89 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.01 min
Lab File: BF092556.D
Acq: 27 Jan 2017 5:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 401360
Ion Ratio Lower Upper
107 100
108 113.5 93.0 139.6
77 44.1 39.8 59.8
79 43.1 38.0 57.0

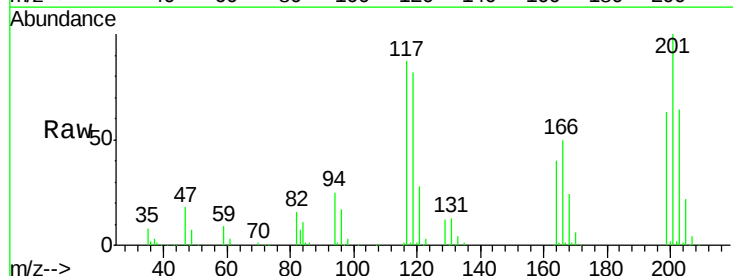


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

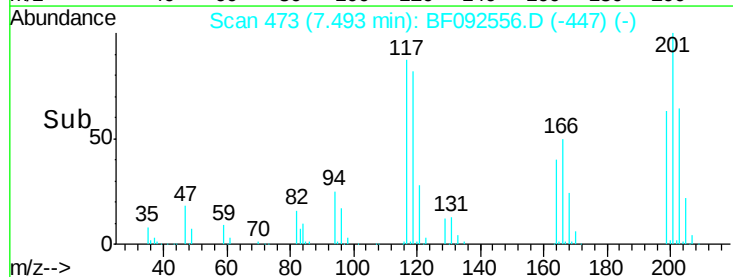
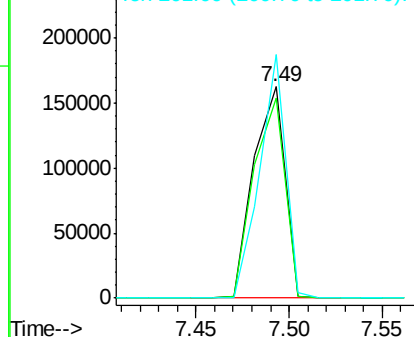


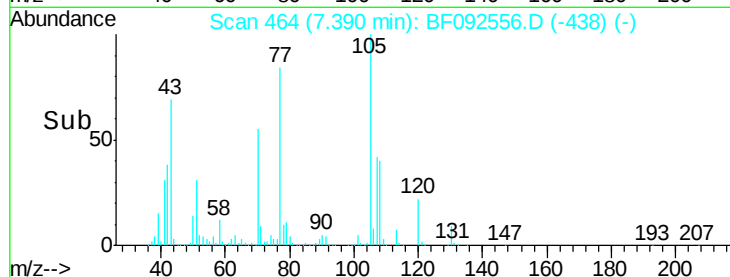
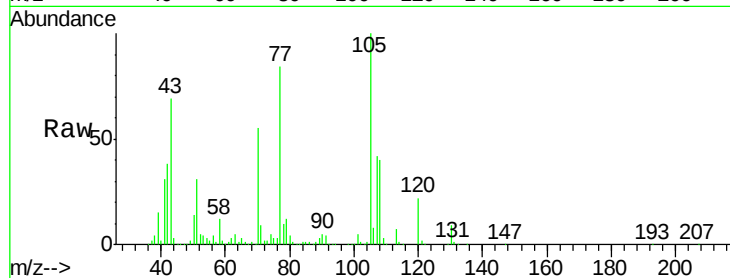
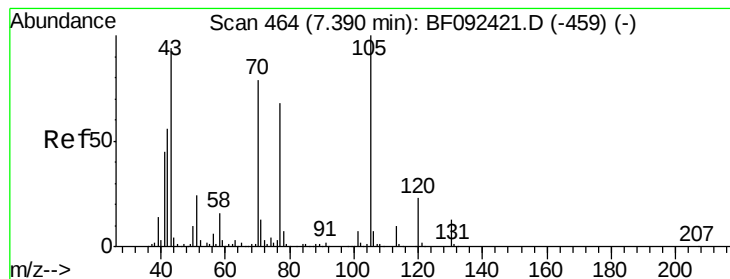
#18
Hexachloroethane
Concen: 40.98 ng
RT: 7.49 min Scan# 473
Delta R.T. -0.00 min
Lab File: BF092556.D
Acq: 27 Jan 2017 5:37

Tgt Ion:117 Resp: 188400
Ion Ratio Lower Upper
117 100
119 94.7 78.1 117.1
201 115.3 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: 35.82 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.00 min

Lab File: BF092556.D

Acq: 27 Jan 2017 5:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 331698

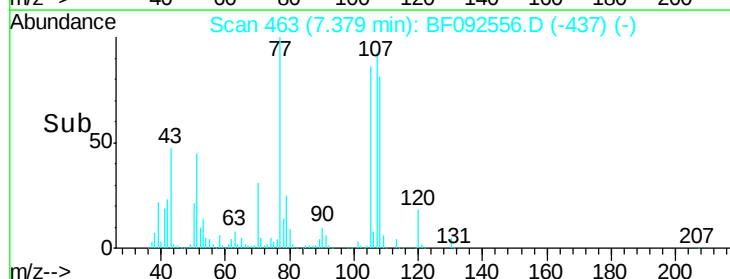
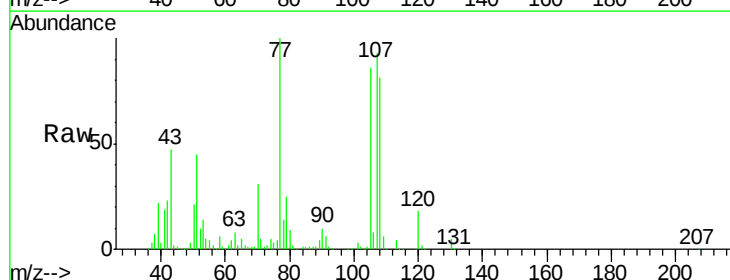
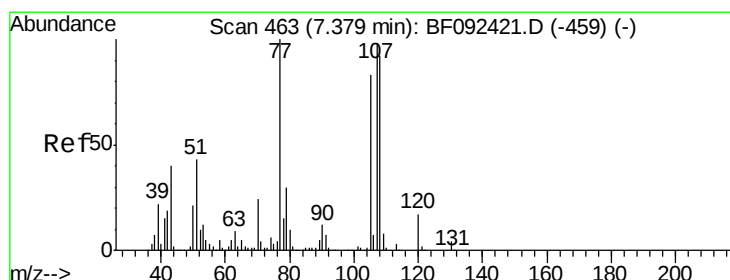
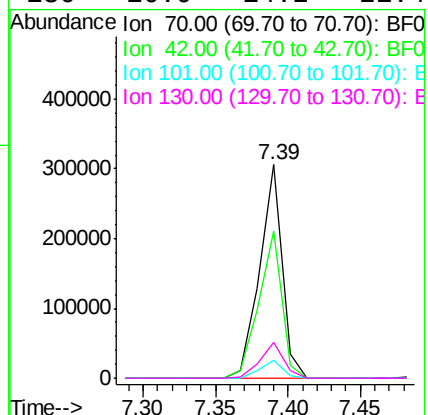
Ion Ratio Lower Upper

70 100

42 69.1 49.4 74.0

101 8.4 7.4 11.2

130 16.9 14.2 21.4



#20

3+4-Methylphenols

Concen: 37.88 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.00 min

Lab File: BF092556.D

Acq: 27 Jan 2017 5:37

Tgt Ion: 107 Resp: 440224

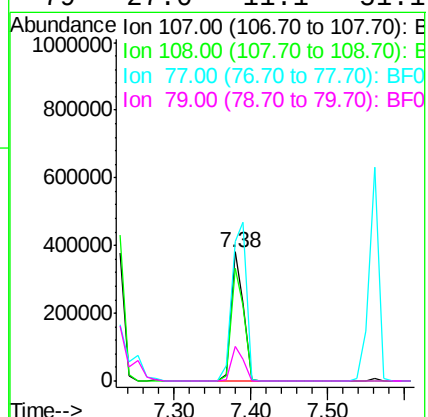
Ion Ratio Lower Upper

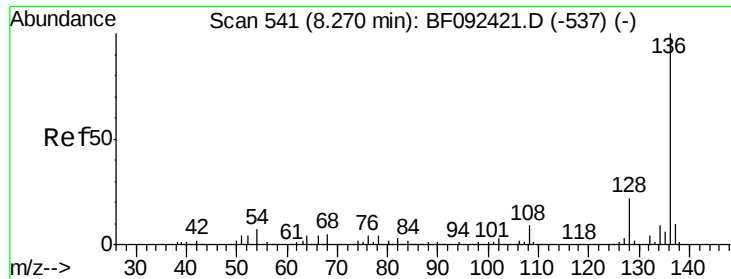
107 100

108 87.3 73.0 113.0

77 108.0 71.3 111.3

79 27.0 11.1 51.1

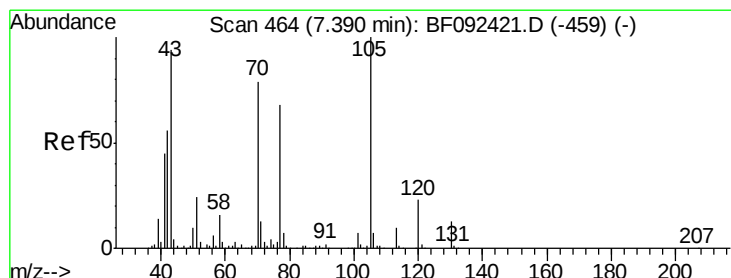
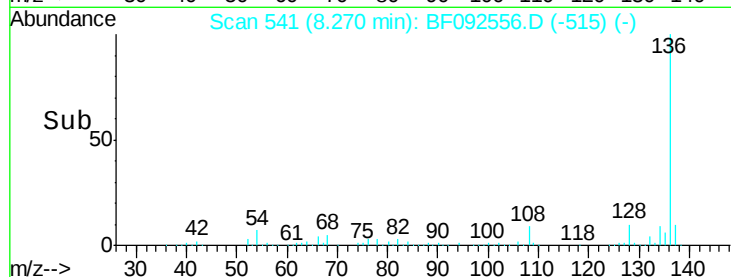
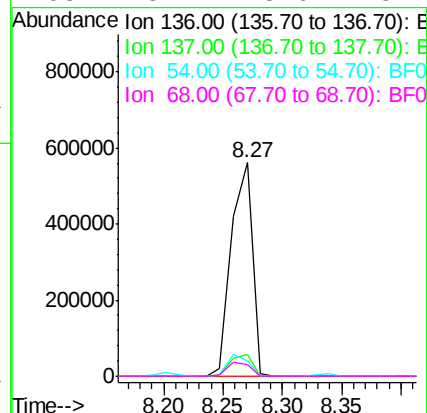
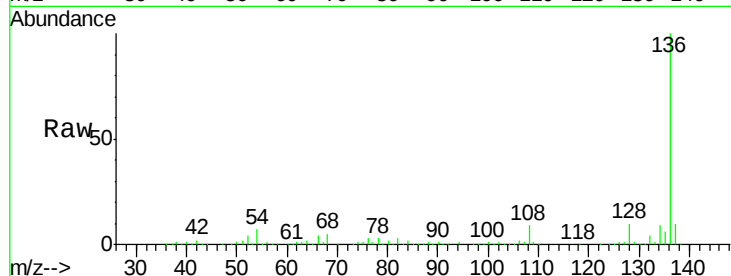




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF092556.D
Acq: 27 Jan 2017 5:37

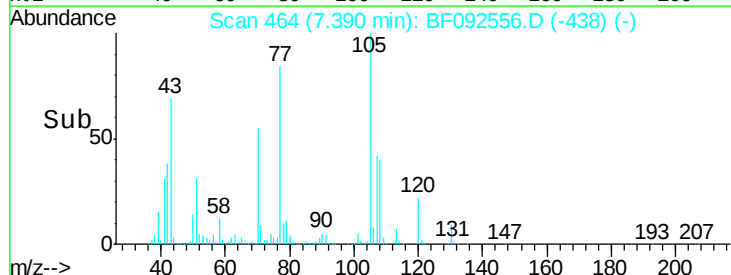
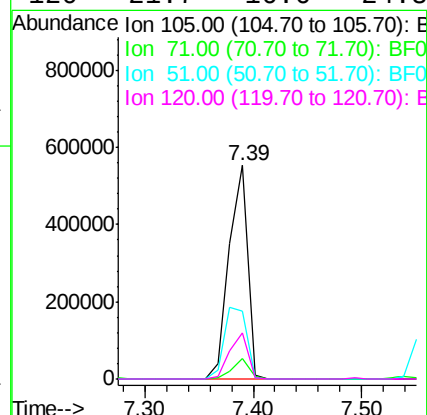
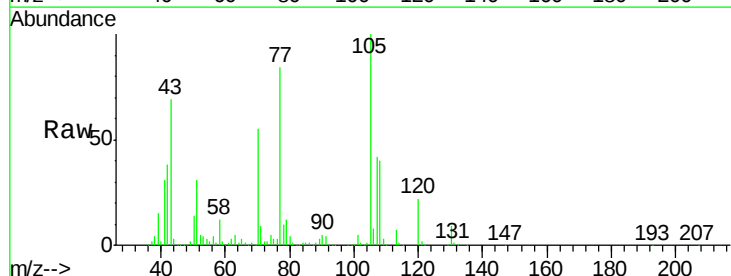
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

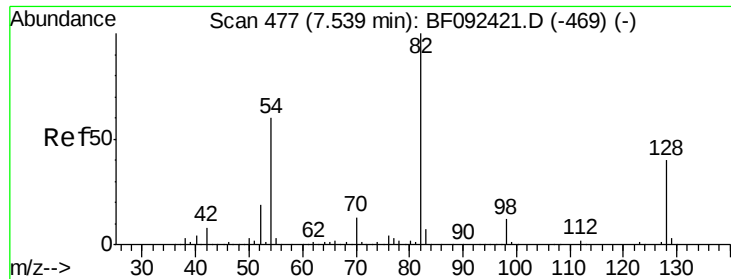
Tgt Ion:	136	Resp:	692362
Ion Ratio	Lower	Upper	
136	100		
137	10.3	8.4	12.6
54	7.2	4.5	6.7#
68	5.4	3.6	5.4#



#22
Acetophenone
Concen: 39.85 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF092556.D
Acq: 27 Jan 2017 5:37

Tgt Ion:	105	Resp:	657127
Ion Ratio	Lower	Upper	
105	100		
71	9.3	3.2	4.8#
51	31.5	26.2	39.4
120	21.7	16.6	24.8

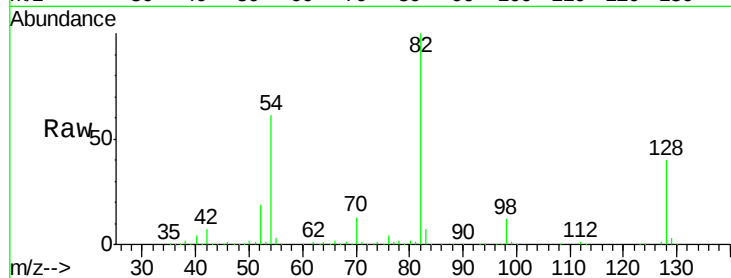




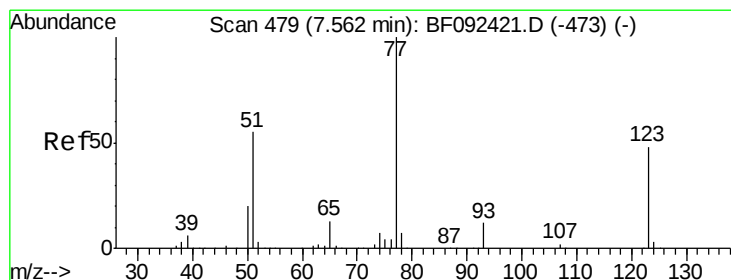
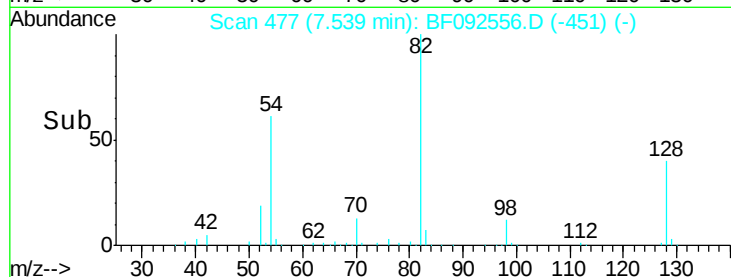
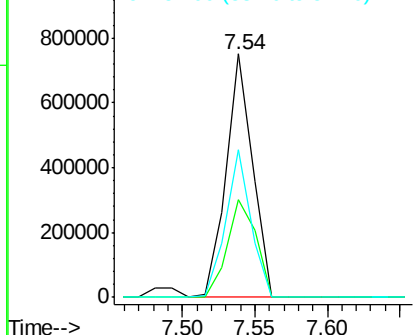
#23
 Nitrobenzene-d5
 Concen: 74.58 ng
 RT: 7.54 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF092556.D
 Acq: 27 Jan 2017 5:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.1	34.6	52.0
54	60.7	39.5	59.3

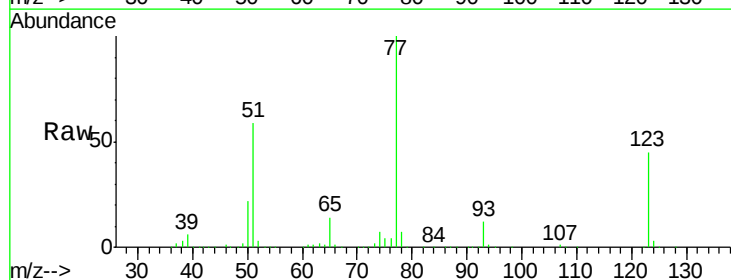


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

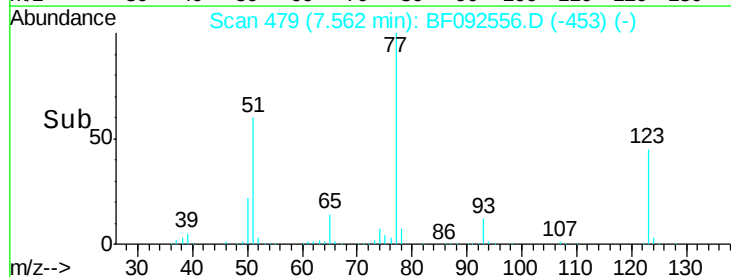
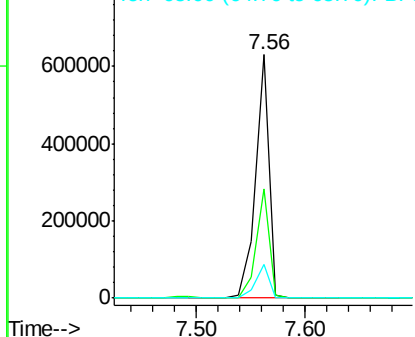


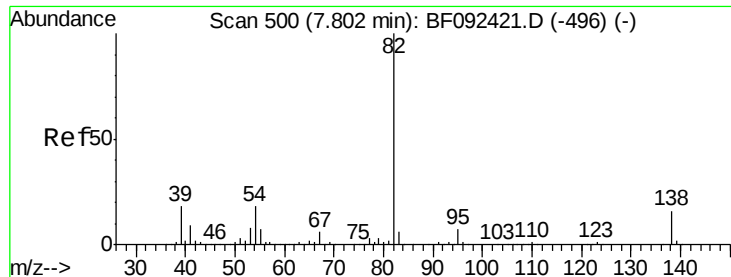
#24
 Nitrobenzene
 Concen: 41.28 ng
 RT: 7.56 min Scan# 479
 Delta R.T. -0.00 min
 Lab File: BF092556.D
 Acq: 27 Jan 2017 5:37

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.0	33.0	49.4
65	14.0	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: 37.40 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF092556.D

Acq: 27 Jan 2017 5:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

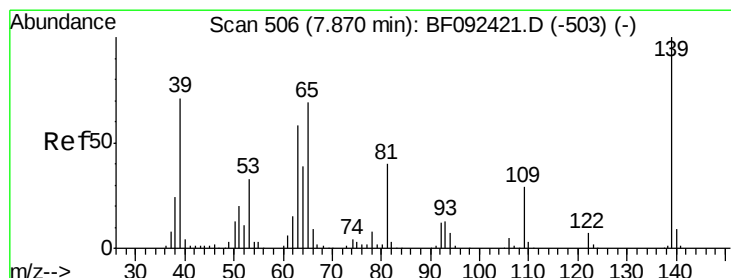
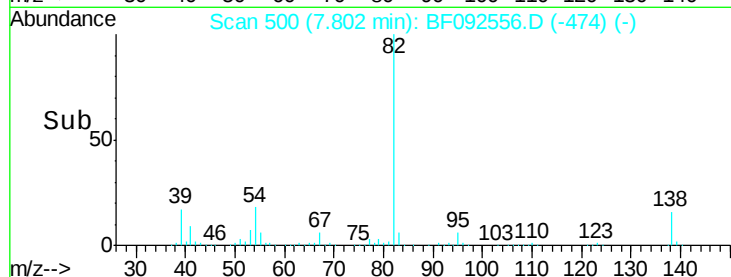
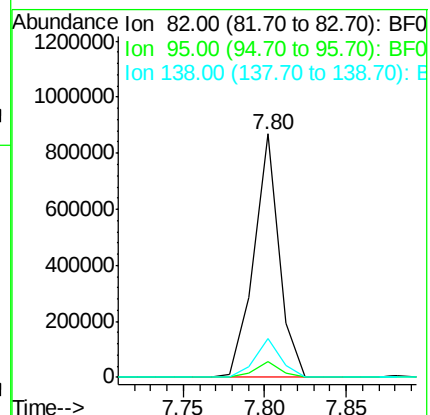
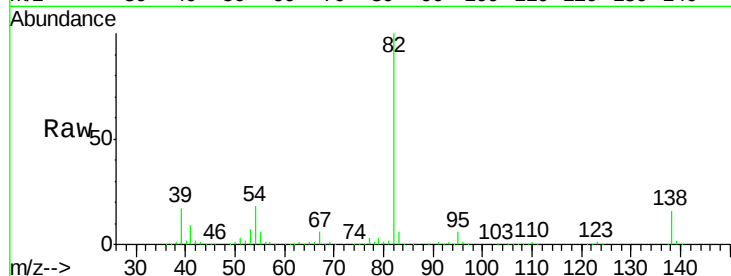
Tgt Ion: 82 Resp: 934059

Ion Ratio Lower Upper

82 100

95 6.4 5.6 8.4

138 15.8 14.6 22.0



#26

2-Nitrophenol

Concen: 48.24 ng

RT: 7.88 min Scan# 507

Delta R.T. 0.01 min

Lab File: BF092556.D

Acq: 27 Jan 2017 5:37

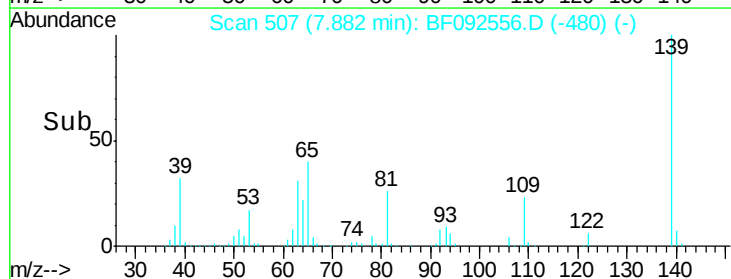
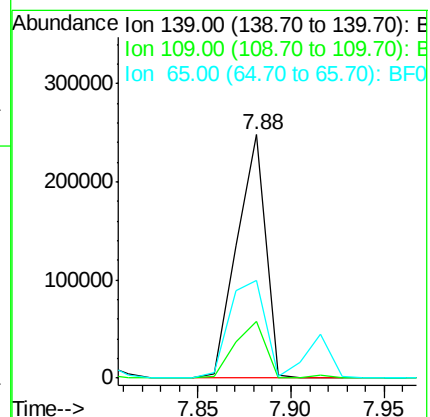
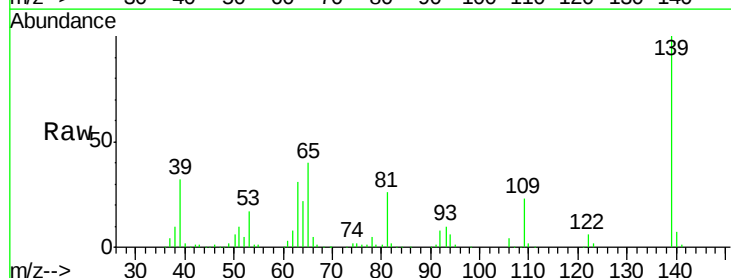
Tgt Ion: 139 Resp: 268382

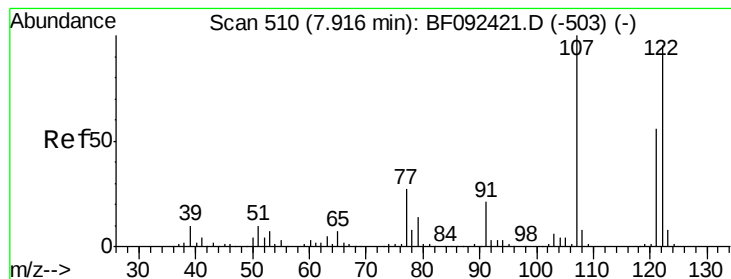
Ion Ratio Lower Upper

139 100

109 23.4 23.3 34.9

65 40.2 42.7 64.1#





#27

2,4-Dimethylphenol

Concen: 37.86 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.00 min

Lab File: BF092556.D

Acq: 27 Jan 2017 5:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

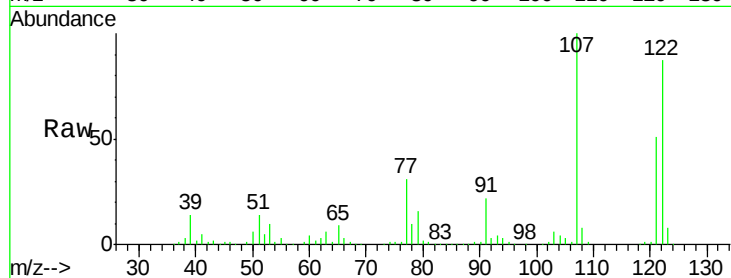
Tgt Ion:122 Resp: 438122

Ion Ratio Lower Upper

122 100

107 114.6 94.1 141.1

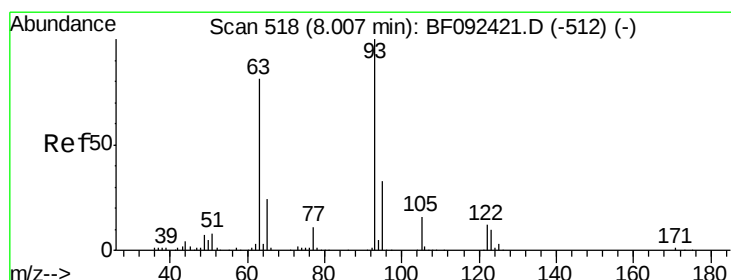
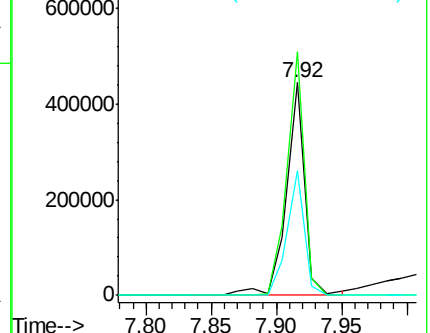
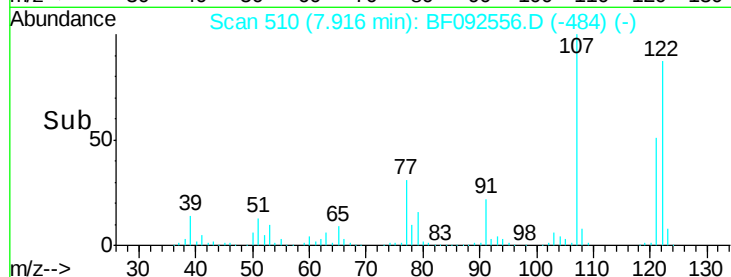
121 58.6 46.0 69.0



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: 38.04 ng

RT: 8.02 min Scan# 519

Delta R.T. 0.01 min

Lab File: BF092556.D

Acq: 27 Jan 2017 5:37

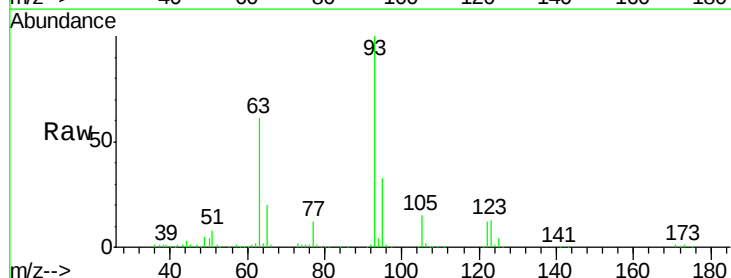
Tgt Ion: 93 Resp: 623696

Ion Ratio Lower Upper

93 100

95 32.8 26.5 39.7

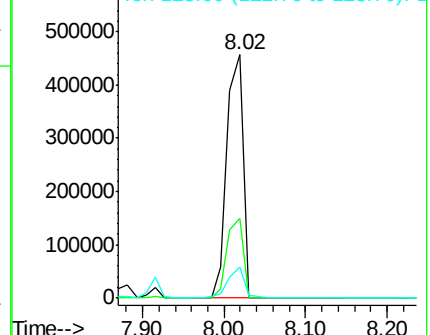
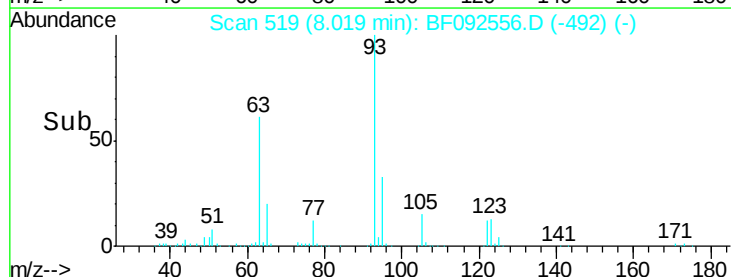
123 12.5 8.6 13.0

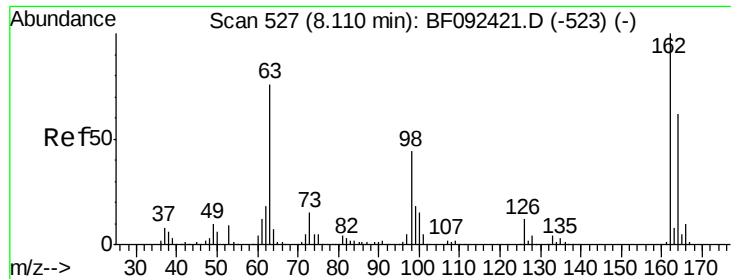


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

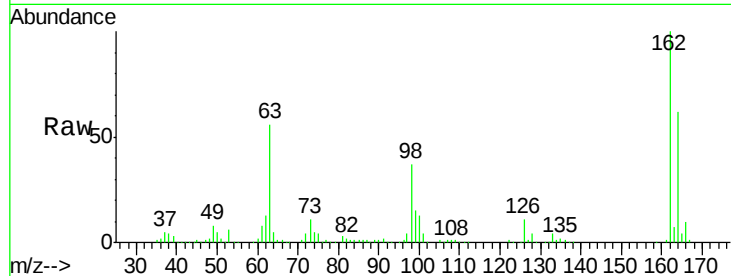




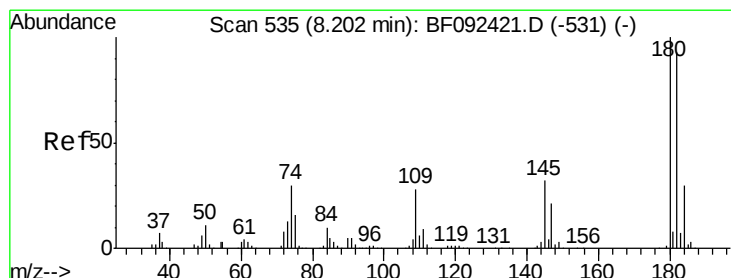
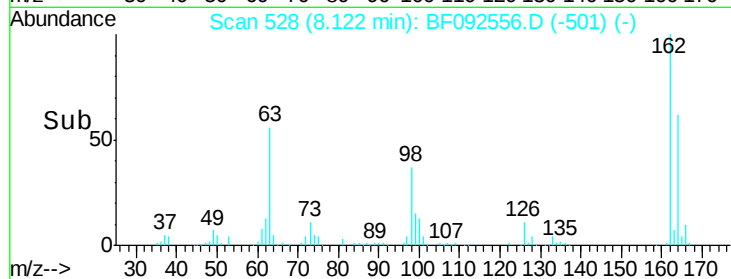
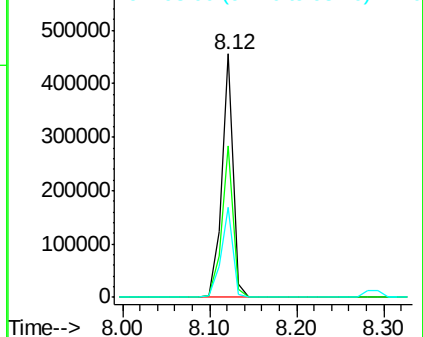
#29
 2,4-Dichlorophenol
 Concen: 41.83 ng
 RT: 8.12 min Scan# 528
 Delta R.T. 0.01 min
 Lab File: BF092556.D
 Acq: 27 Jan 2017 5:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.5	46.8	86.8
98	36.9	9.1	49.1

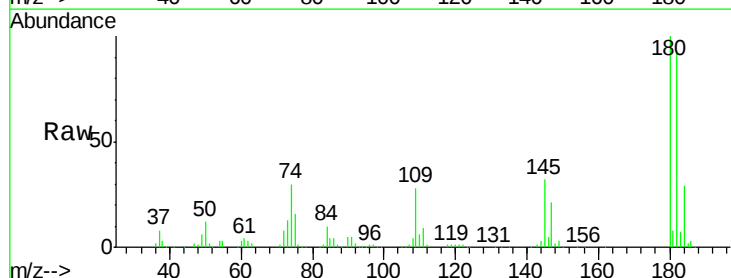


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

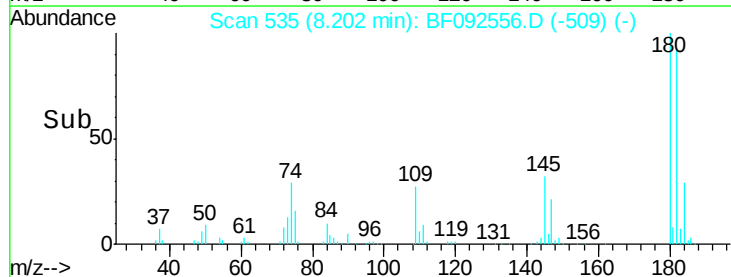
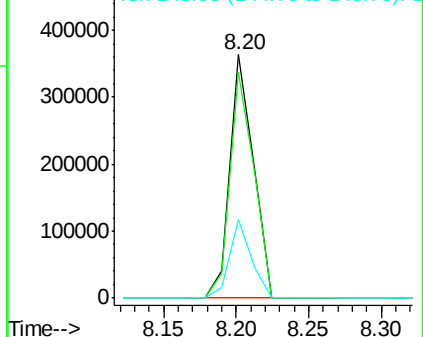


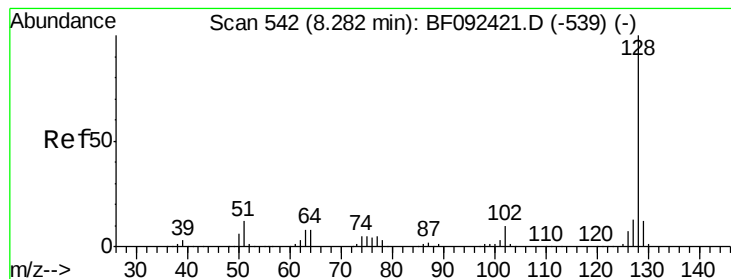
#30
 1,2,4-Trichlorobenzene
 Concen: 37.54 ng
 RT: 8.20 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: BF092556.D
 Acq: 27 Jan 2017 5:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.5	78.2	117.4
145	32.3	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: 38.66 ng

RT: 8.29 min Scan# 543

Delta R.T. 0.01 min

Lab File: BF092556.D

Acq: 27 Jan 2017 5:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

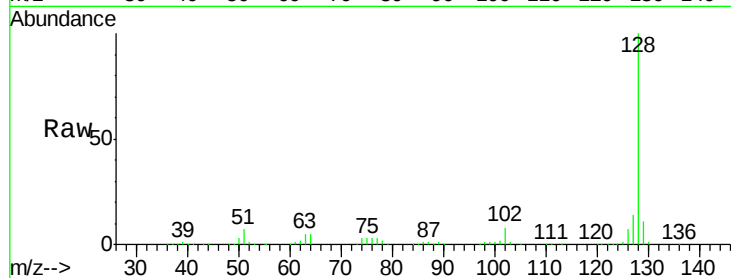
Tgt Ion:128 Resp: 1369862

Ion Ratio Lower Upper

128 100

129 10.6 9.5 14.3

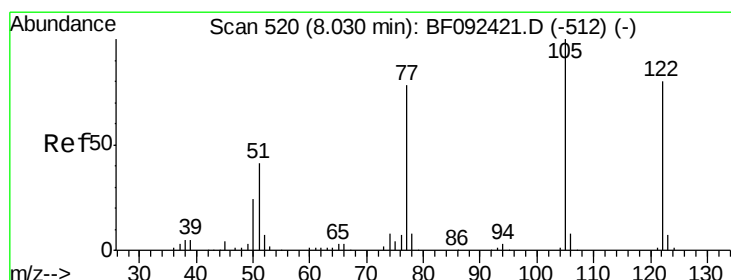
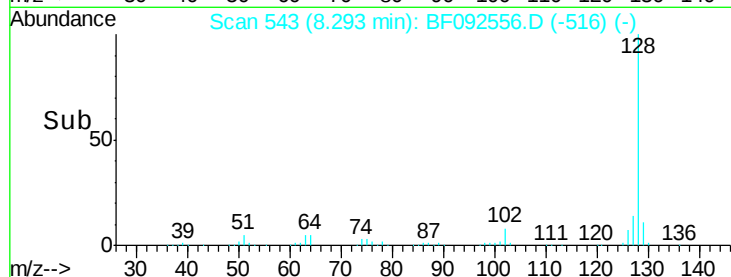
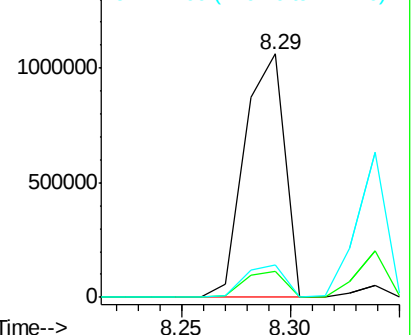
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 32.58 ng

RT: 8.03 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF092556.D

Acq: 27 Jan 2017 5:37

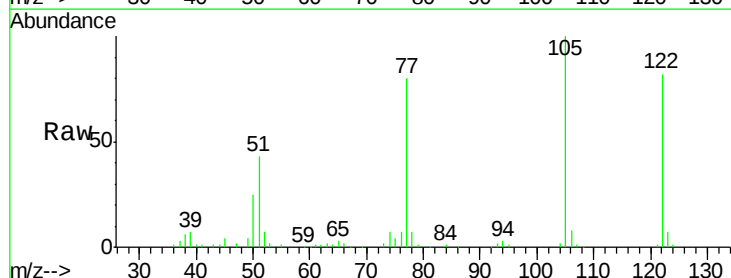
Tgt Ion:122 Resp: 267389

Ion Ratio Lower Upper

122 100

105 122.1 107.2 147.2

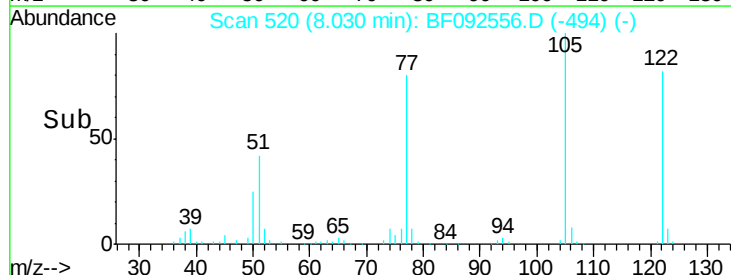
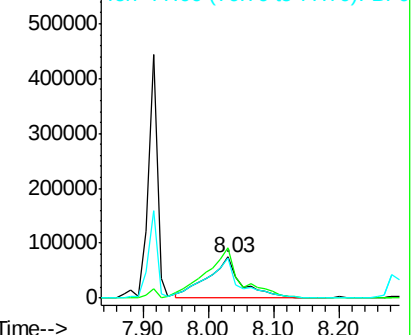
77 97.8 74.5 114.5

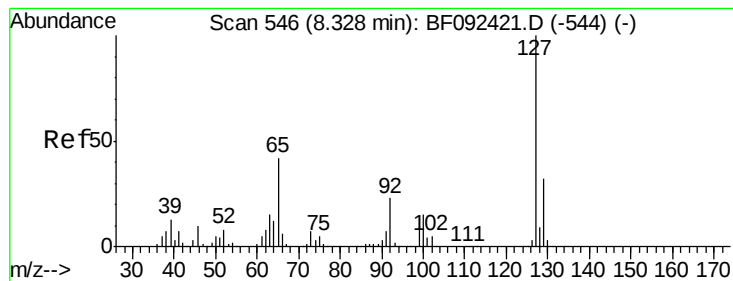


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 41.65 ng

RT: 8.34 min Scan# 547

Delta R.T. 0.01 min

Lab File: BF092556.D

Acq: 27 Jan 2017 5:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 624438

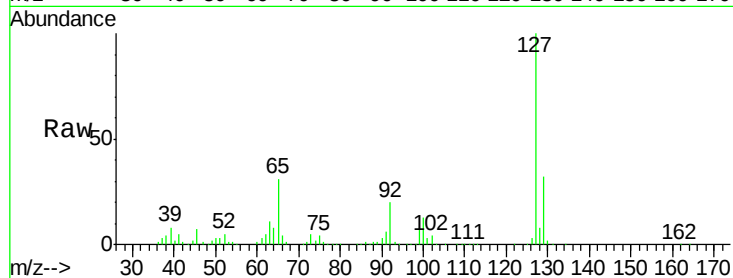
Ion Ratio Lower Upper

127 100

129 32.1 26.3 39.5

65 31.0 25.8 38.8

92 19.6 16.1 24.1

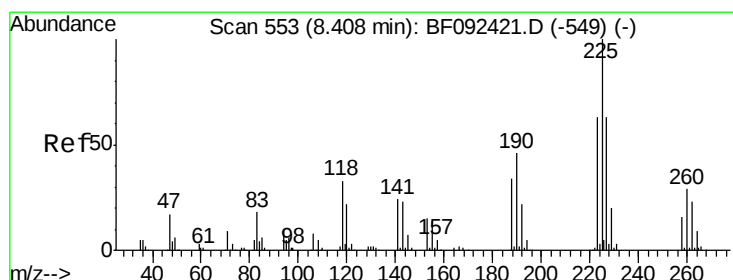
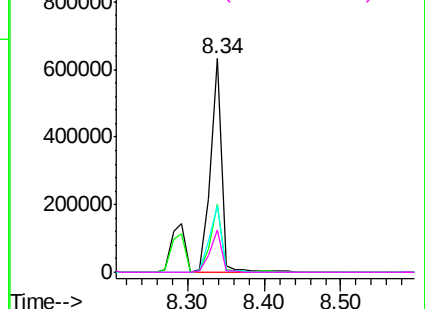
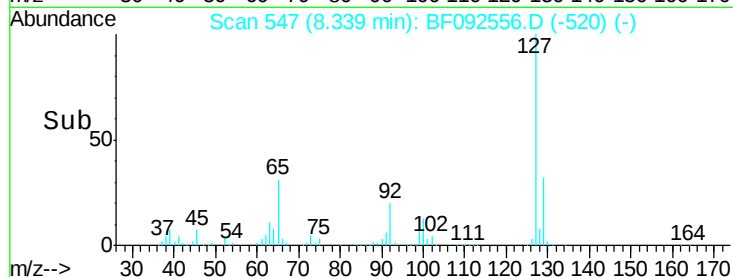


Abundance Ion 127.00 (126.70 to 127.70): E

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: 39.40 ng

RT: 8.41 min Scan# 553

Delta R.T. -0.00 min

Lab File: BF092556.D

Acq: 27 Jan 2017 5:37

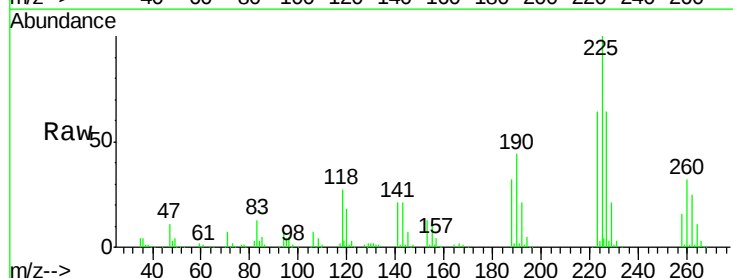
Tgt Ion:225 Resp: 233713

Ion Ratio Lower Upper

225 100

223 63.7 51.0 76.6

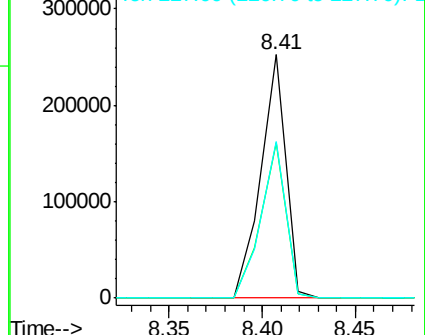
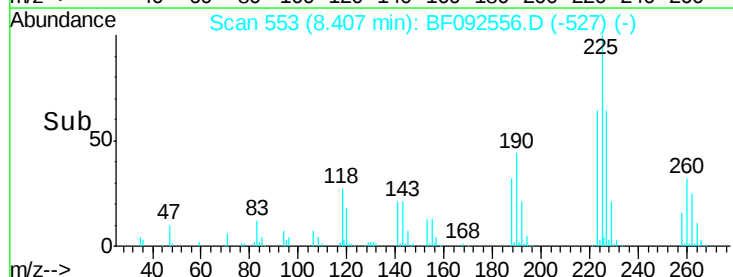
227 64.4 50.6 76.0

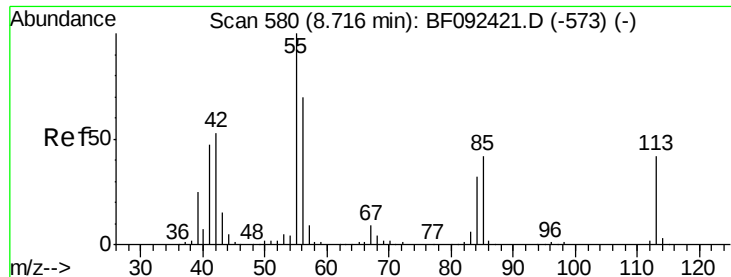


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

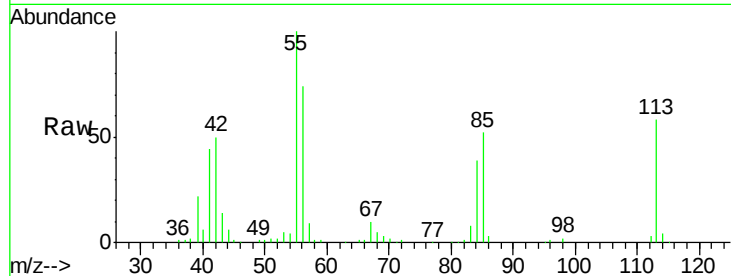




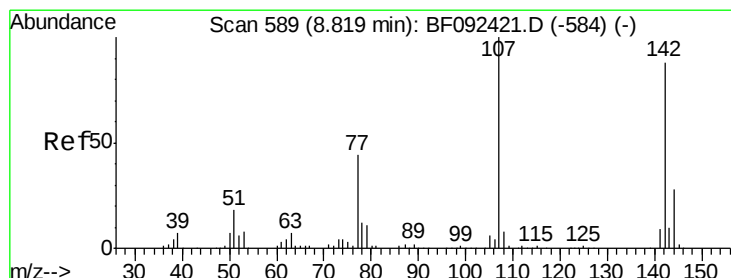
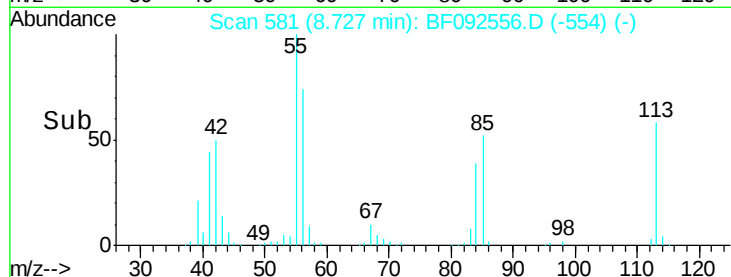
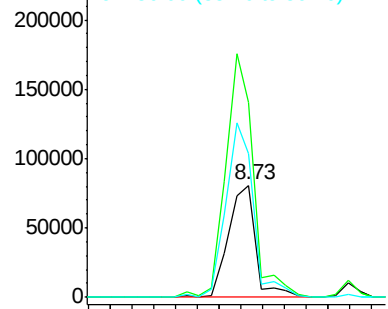
#35
 Caprolactam
 Concen: 42.43 ng
 RT: 8.73 min Scan# 581
 Delta R.T. 0.01 min
 Lab File: BF092556.D
 Acq: 27 Jan 2017 5:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 142136
 Ion Ratio Lower Upper
 113 100
 55 173.5 119.2 159.2#
 56 127.6 83.8 123.8#

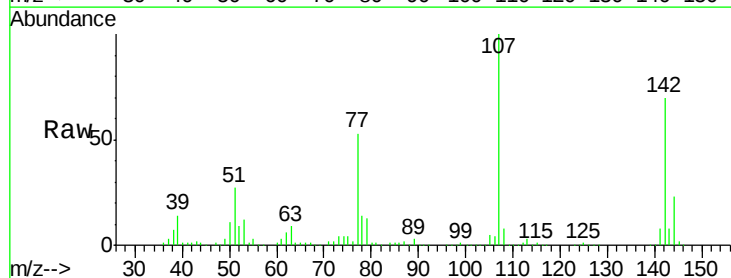


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

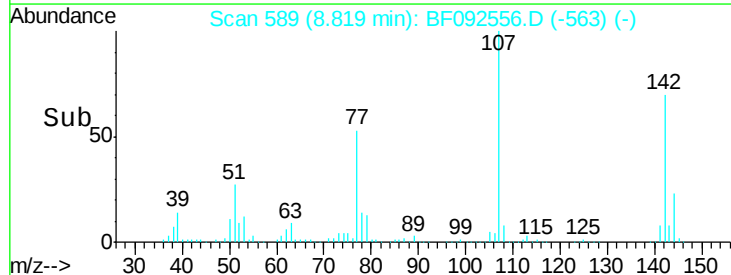
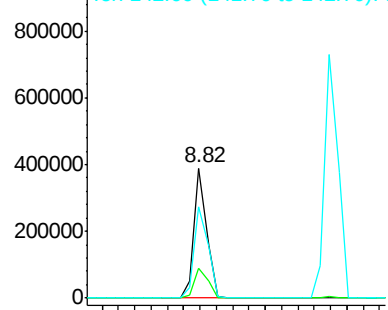


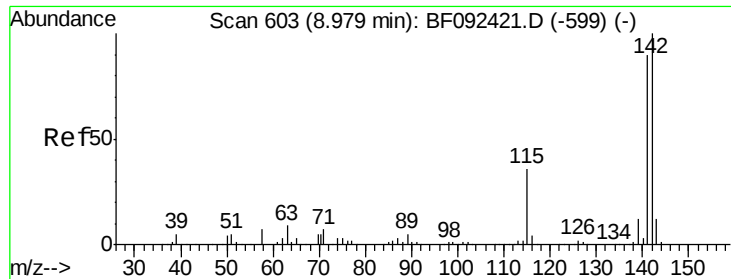
#36
 4-Chloro-3-methylphenol
 Concen: 38.49 ng
 RT: 8.82 min Scan# 589
 Delta R.T. -0.00 min
 Lab File: BF092556.D
 Acq: 27 Jan 2017 5:37

Tgt Ion:107 Resp: 416456
 Ion Ratio Lower Upper
 107 100
 144 22.5 19.3 28.9
 142 69.7 59.0 88.6



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

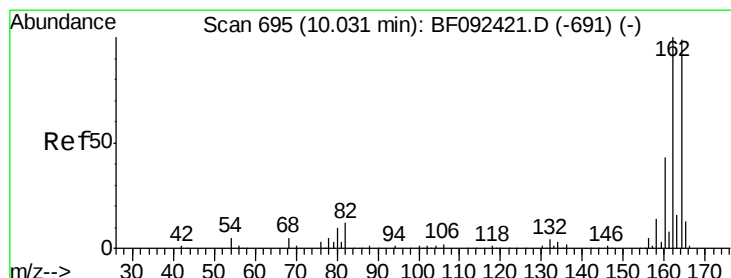
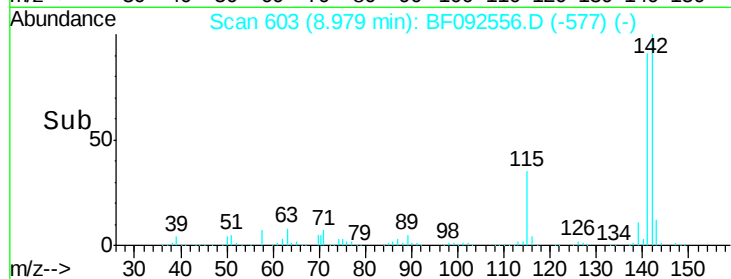
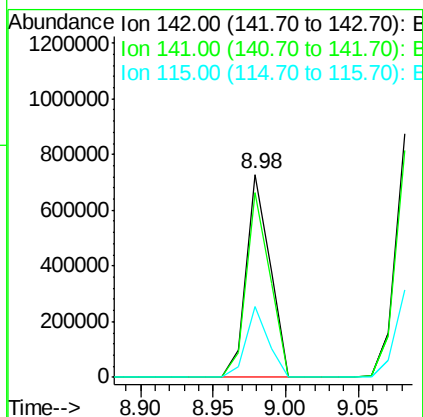
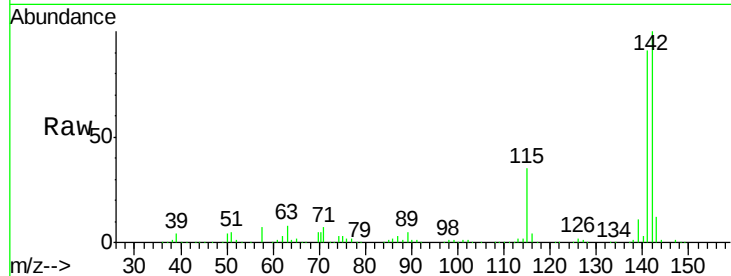




#37
 2-Methylnaphthalene
 Concen: 36.97 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: BF092556.D
 Acq: 27 Jan 2017 5:37

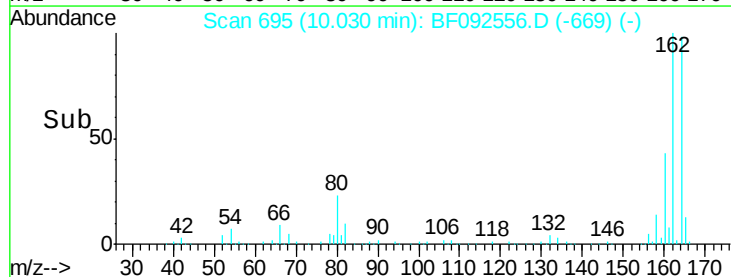
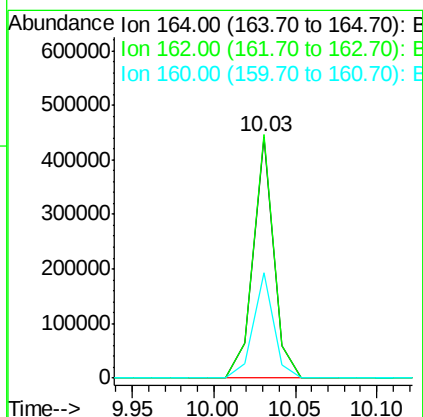
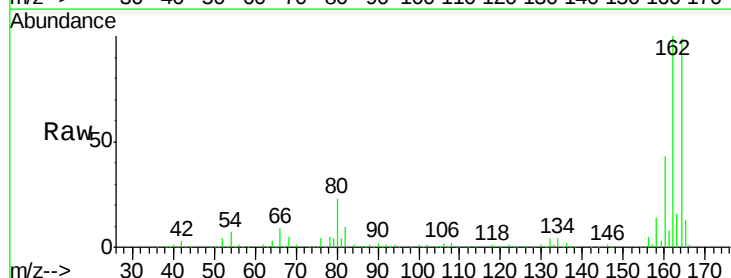
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

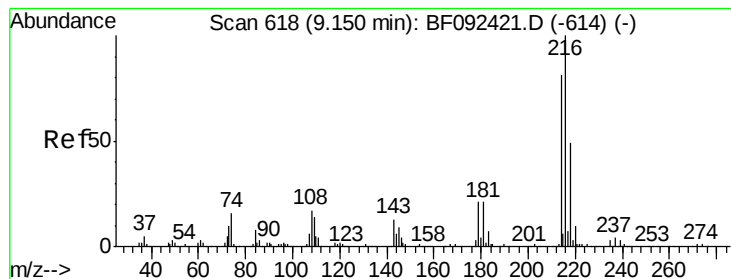
Tgt Ion:142 Resp: 829286
 Ion Ratio Lower Upper
 142 100
 141 90.6 71.0 106.6
 115 34.7 28.3 42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.03 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: BF092556.D
 Acq: 27 Jan 2017 5:37

Tgt Ion:164 Resp: 389422
 Ion Ratio Lower Upper
 164 100
 162 100.8 80.2 120.2
 160 43.4 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.45 ng

RT: 9.15 min Scan# 618

Delta R.T. -0.00 min

Lab File: BF092556.D

Acq: 27 Jan 2017 5:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 407187

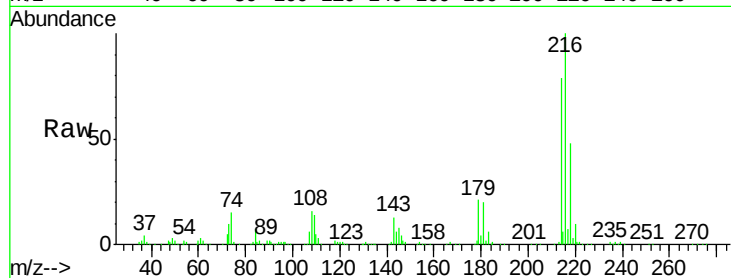
Ion Ratio Lower Upper

216 100

214 79.0 63.4 95.0

179 21.6 17.4 26.2

108 19.1 15.6 23.4

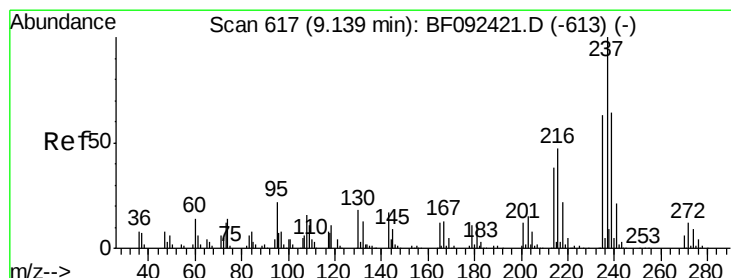
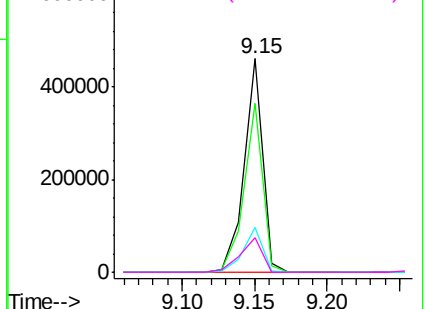
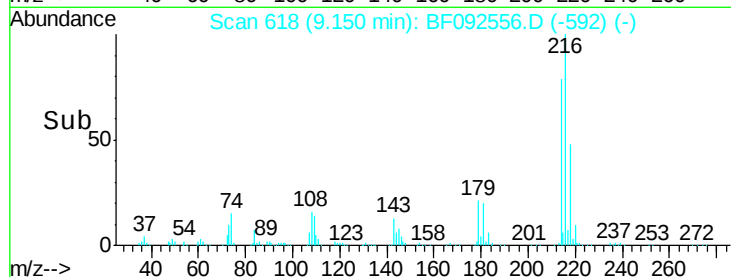


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 33.18 ng

RT: 9.14 min Scan# 617

Delta R.T. -0.00 min

Lab File: BF092556.D

Acq: 27 Jan 2017 5:37

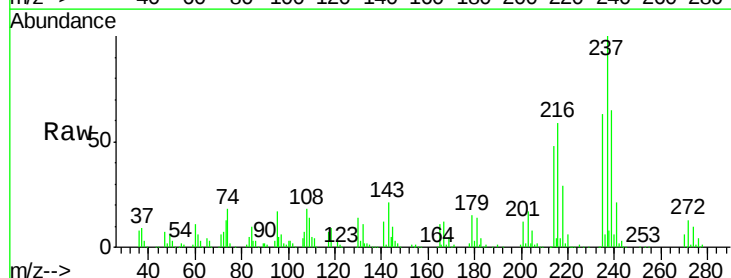
Tgt Ion:237 Resp: 163242

Ion Ratio Lower Upper

237 100

235 63.0 41.2 81.2

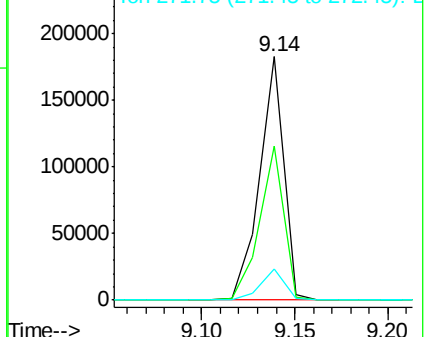
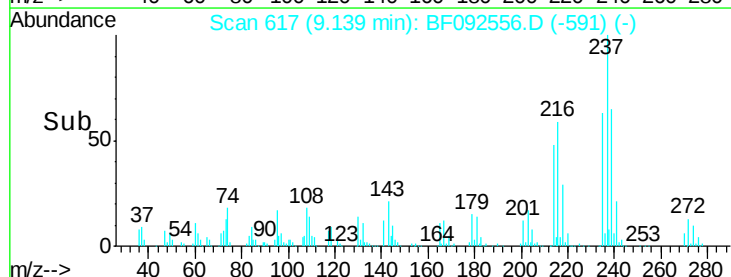
272 12.8 0.0 35.4

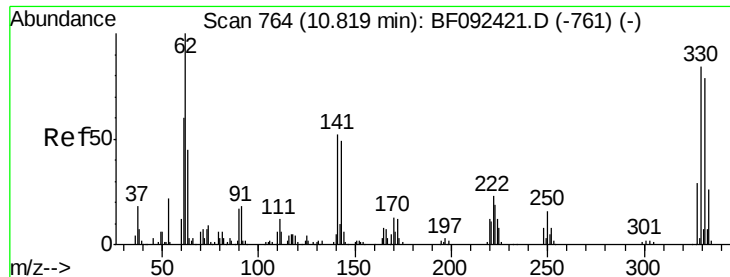


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 80.83 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF092556.D

Acq: 27 Jan 2017 5:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

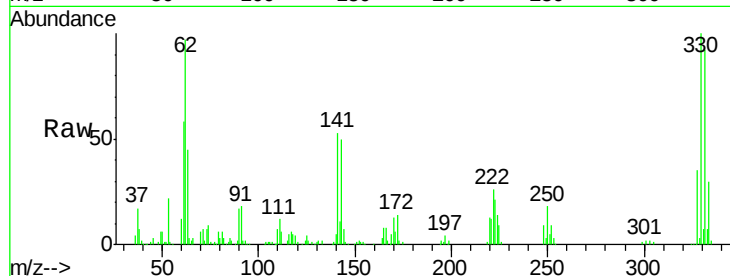
Tgt Ion:330 Resp: 214490

Ion Ratio Lower Upper

330 100

332 94.4 77.4 116.2

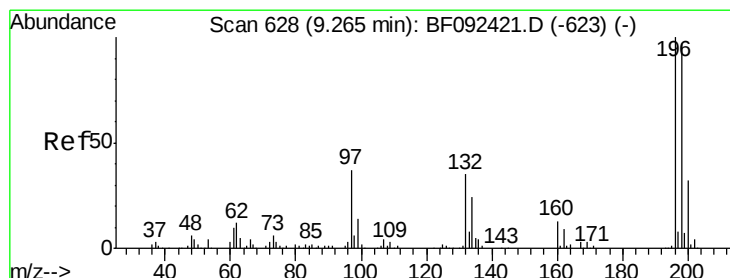
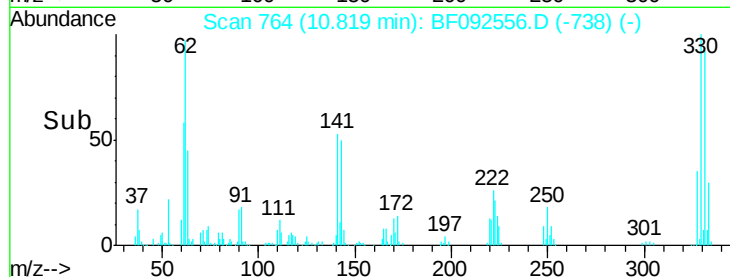
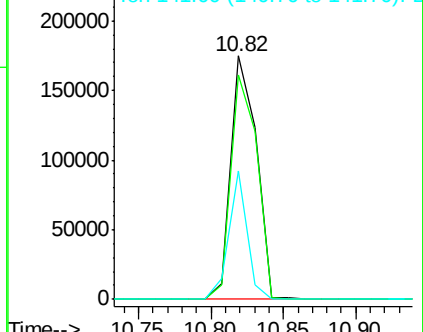
141 37.8 34.1 51.1



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: 41.40 ng

RT: 9.26 min Scan# 628

Delta R.T. -0.00 min

Lab File: BF092556.D

Acq: 27 Jan 2017 5:37

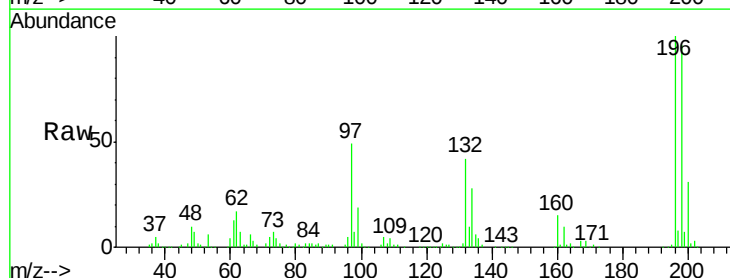
Tgt Ion:196 Resp: 311589

Ion Ratio Lower Upper

196 100

198 96.2 82.1 123.1

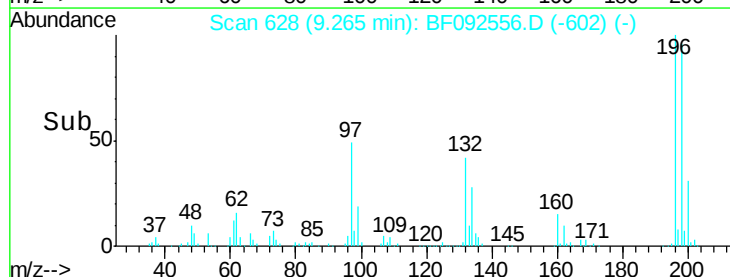
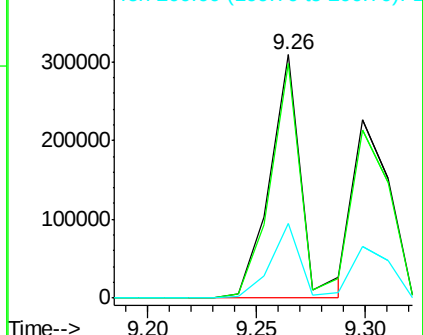
200 30.7 27.0 40.4

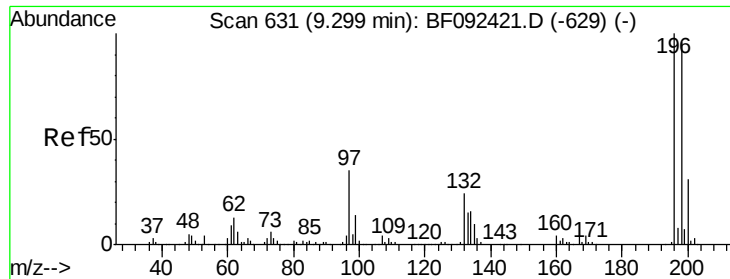


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

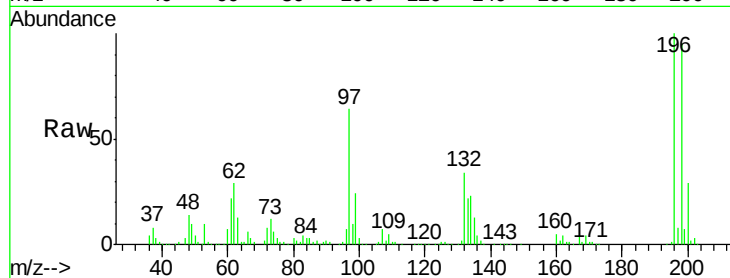




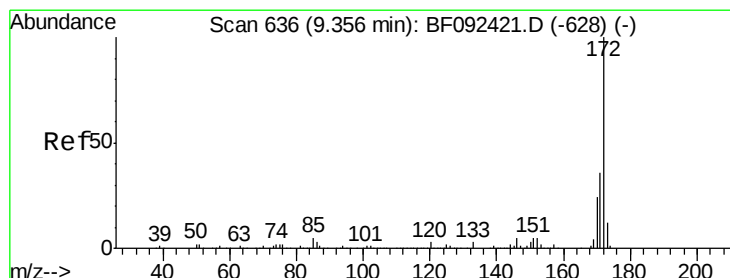
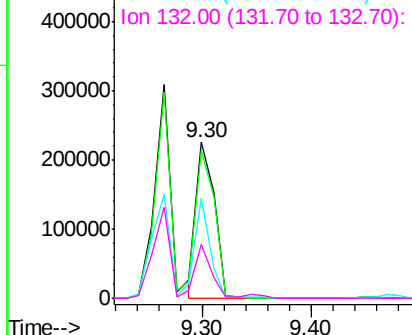
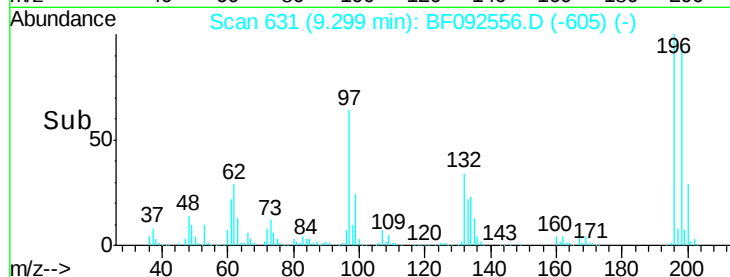
#43
 2,4,5-Trichlorophenol
 Concen: 38.46 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF092556.D
 Acq: 27 Jan 2017 5:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 264841
 Ion Ratio Lower Upper
 196 100
 198 94.6 79.4 119.2
 97 64.3 51.5 77.3
 132 34.1 27.4 41.2

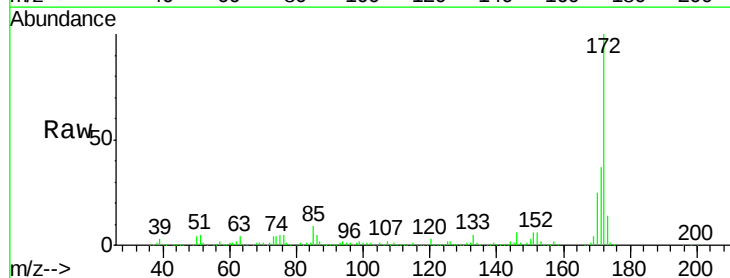


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

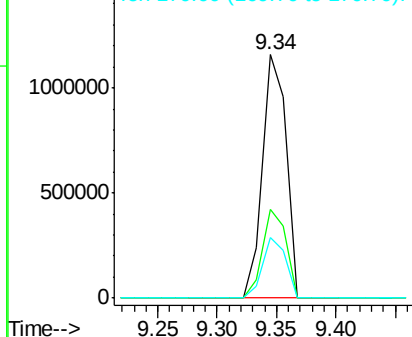
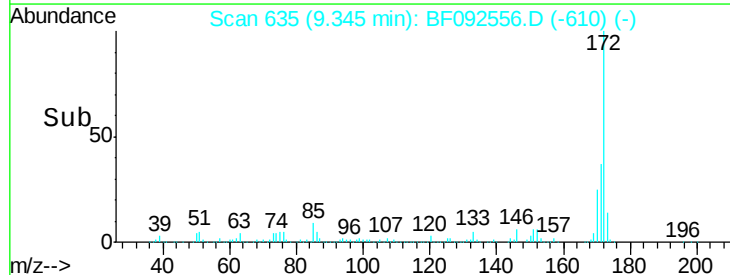


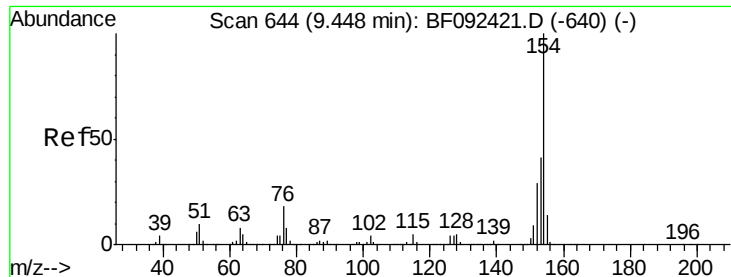
#44
 2-Fluorobiphenyl
 Concen: 76.92 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092556.D
 Acq: 27 Jan 2017 5:37

Tgt Ion:172 Resp: 1619811
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 24.9 20.2 30.4



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

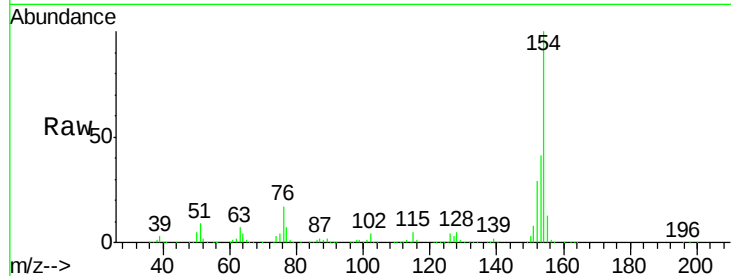




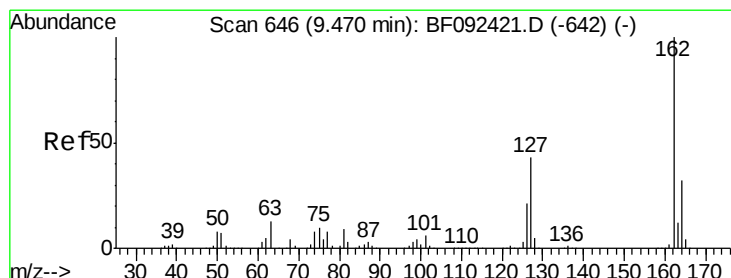
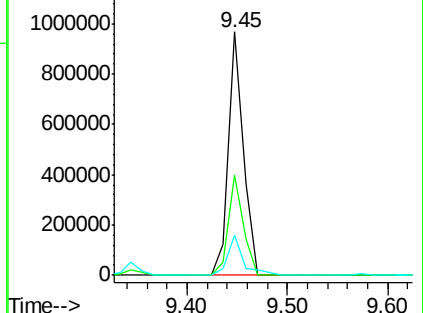
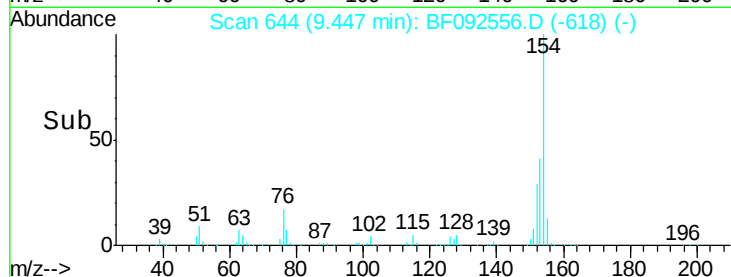
#45
 1,1'-Biphenyl
 Concen: 35.64 ng
 RT: 9.45 min Scan# 644
 Delta R.T. -0.00 min
 Lab File: BF092556.D
 Acq: 27 Jan 2017 5:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:154 Resp: 1003350
 Ion Ratio Lower Upper
 154 100
 153 41.3 20.9 60.9
 76 16.5 0.0 30.5

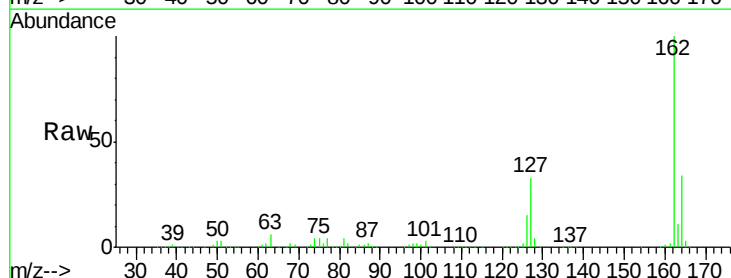


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

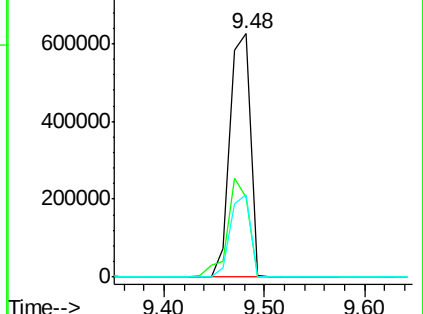
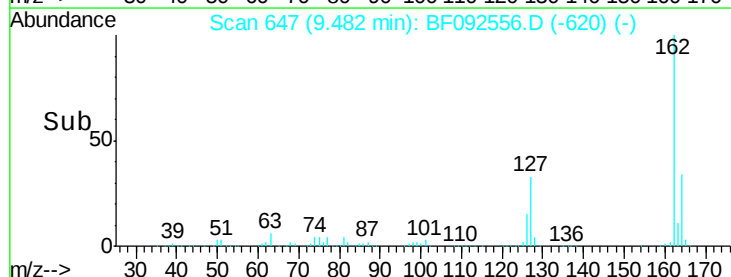


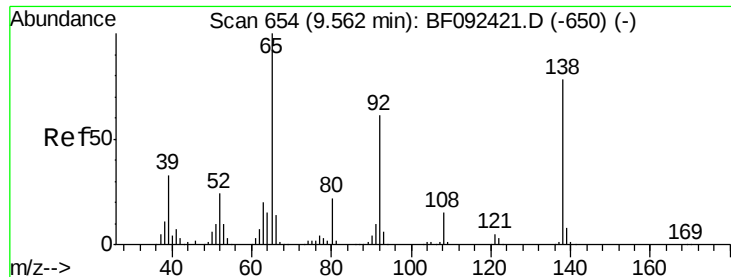
#46
 2-Chloronaphthalene
 Concen: 38.49 ng
 RT: 9.48 min Scan# 647
 Delta R.T. 0.01 min
 Lab File: BF092556.D
 Acq: 27 Jan 2017 5:37

Tgt Ion:162 Resp: 884947
 Ion Ratio Lower Upper
 162 100
 127 32.7 30.7 46.1
 164 33.7 27.6 41.4



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





#47

2-Nitroaniline

Concen: 43.22 ng

RT: 9.57 min Scan# 655

Delta R.T. 0.01 min

Lab File: BF092556.D

Acq: 27 Jan 2017 5:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

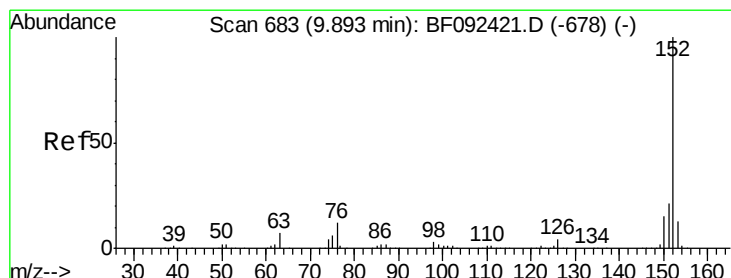
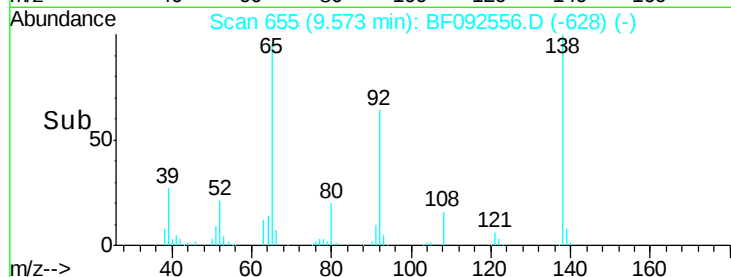
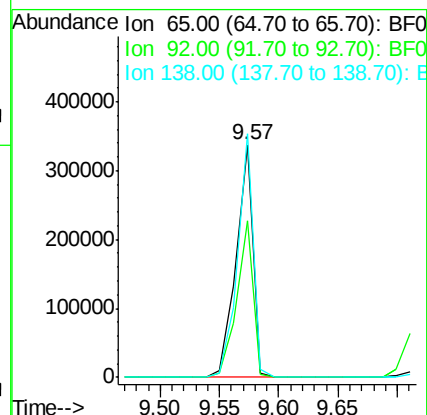
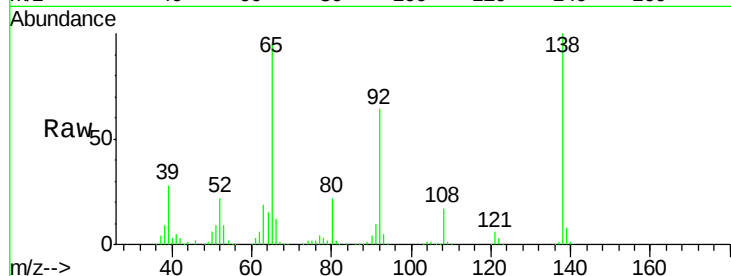
Tgt Ion: 65 Resp: 334673

Ion Ratio Lower Upper

65 100

92 67.3 53.9 80.9

138 104.7 76.8 115.2



#48

Acenaphthylene

Concen: 39.06 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF092556.D

Acq: 27 Jan 2017 5:37

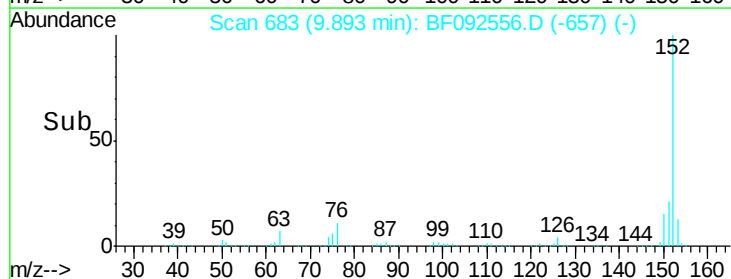
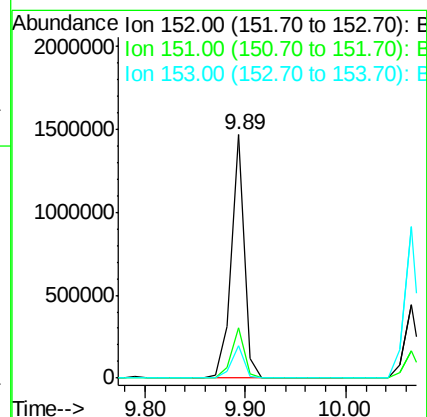
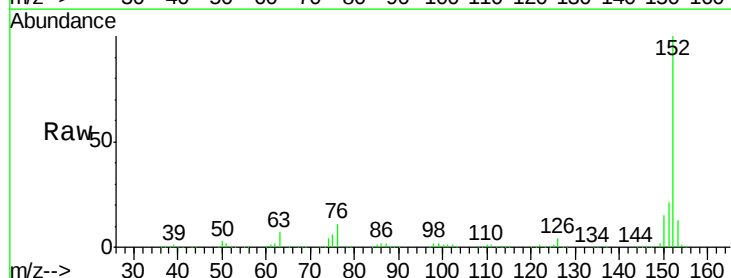
Tgt Ion: 152 Resp: 1317147

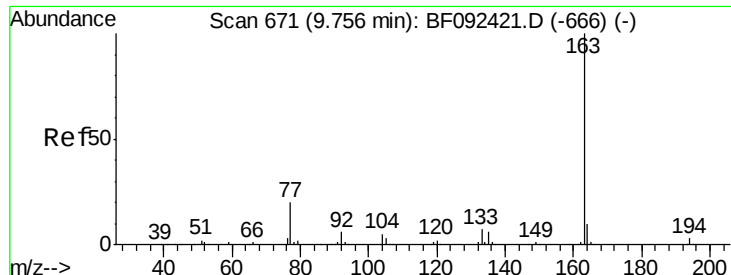
Ion Ratio Lower Upper

152 100

151 20.8 16.9 25.3

153 13.4 11.4 17.2

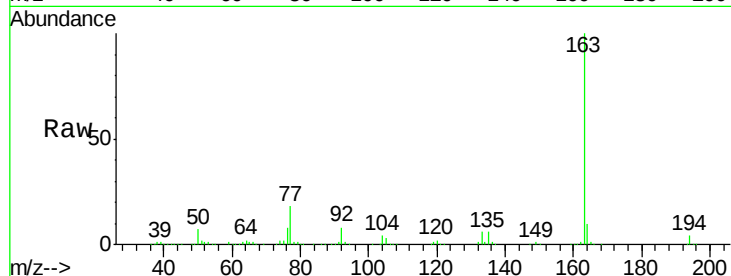




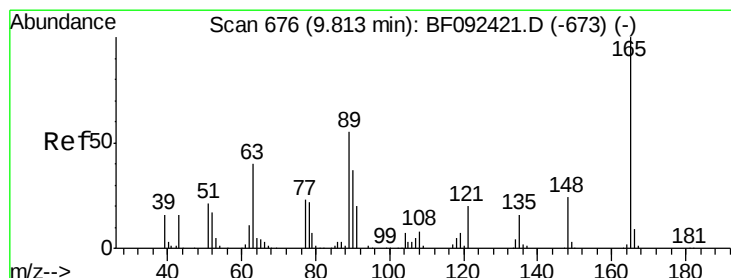
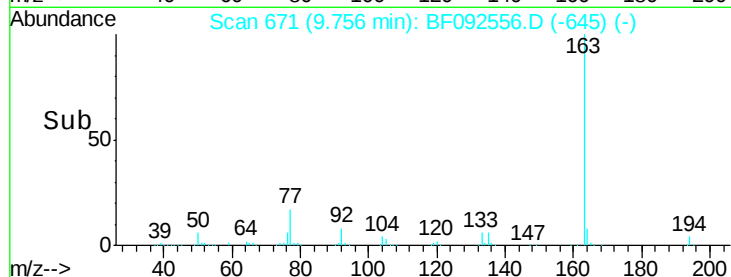
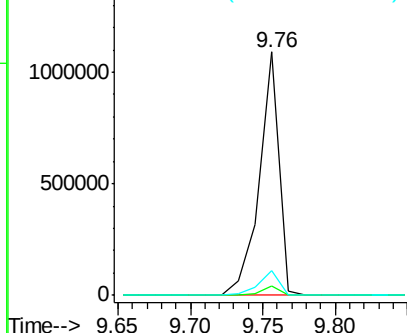
#49
Dimethylphthalate
Concen: 41.39 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF092556.D
Acq: 27 Jan 2017 5:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:163 Resp: 1024909
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.1 8.0 12.0

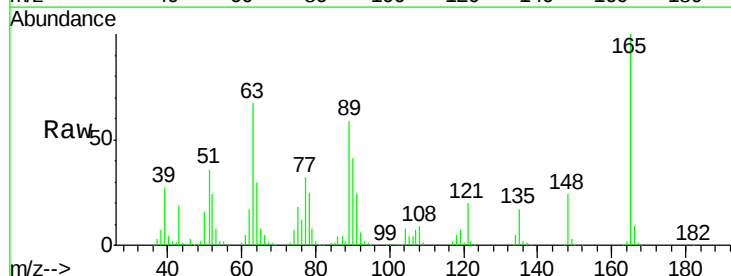


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

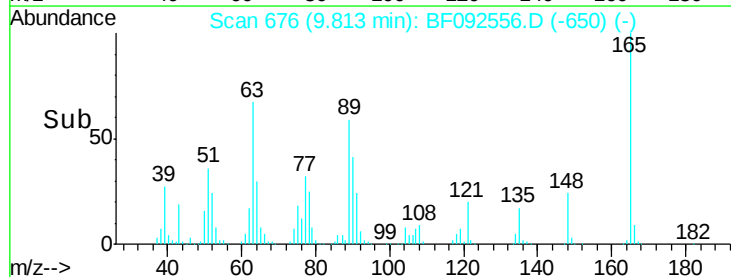
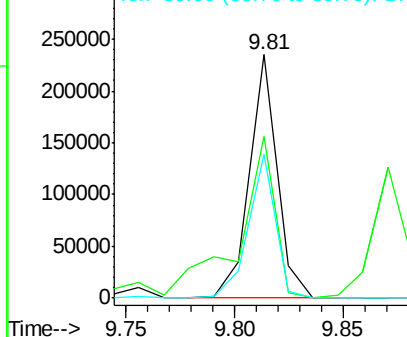


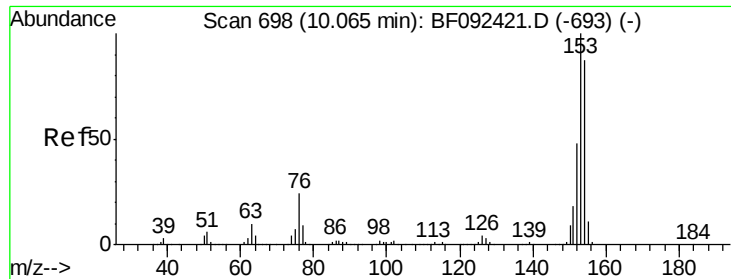
#50
2,6-Dinitrotoluene
Concen: 40.94 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.00 min
Lab File: BF092556.D
Acq: 27 Jan 2017 5:37

Tgt Ion:165 Resp: 207238
Ion Ratio Lower Upper
165 100
63 66.7 36.2 54.4#
89 59.1 40.2 60.4



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





#51

Acenaphthene

Concen: 37.70 ng

RT: 10.06 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF092556.D

Acq: 27 Jan 2017 5:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

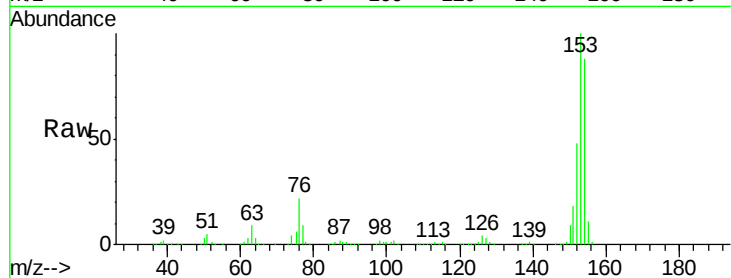
Tgt Ion:154 Resp: 790048

Ion Ratio Lower Upper

154 100

153 113.4 88.6 133.0

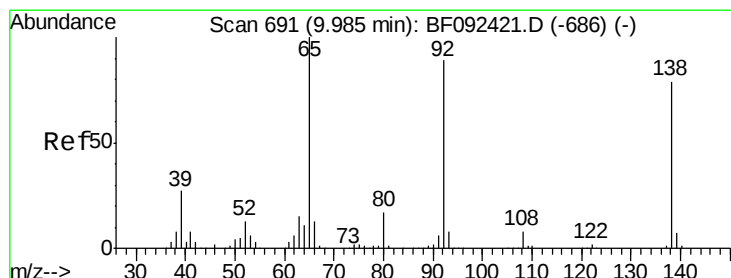
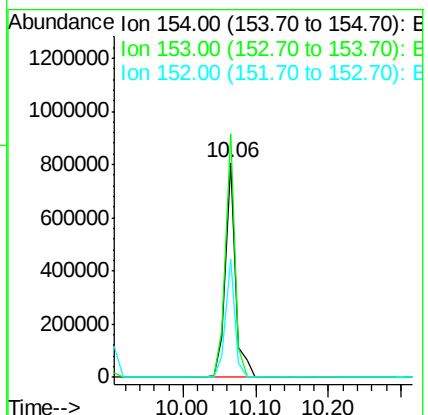
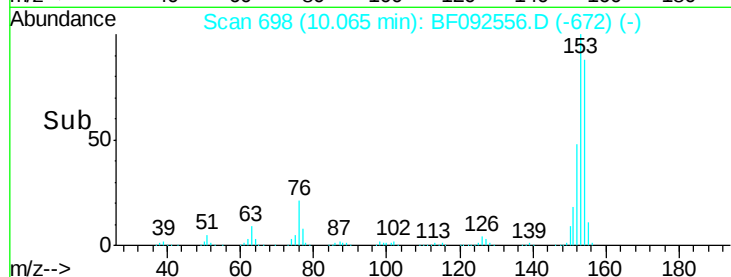
152 54.7 41.6 62.4



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: 39.94 ng

RT: 9.98 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF092556.D

Acq: 27 Jan 2017 5:37

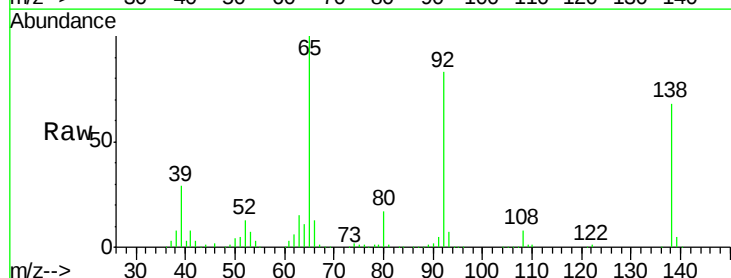
Tgt Ion:138 Resp: 253183

Ion Ratio Lower Upper

138 100

108 11.3 8.5 12.7

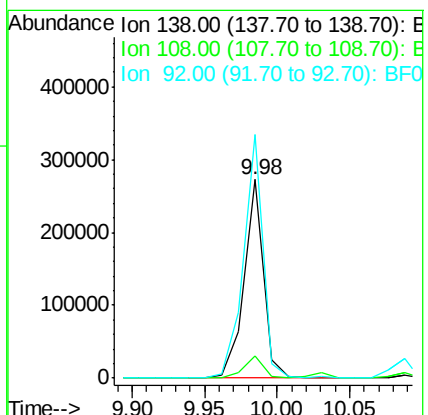
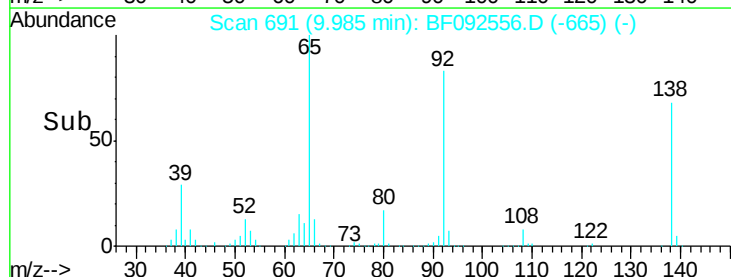
92 122.5 97.8 146.8

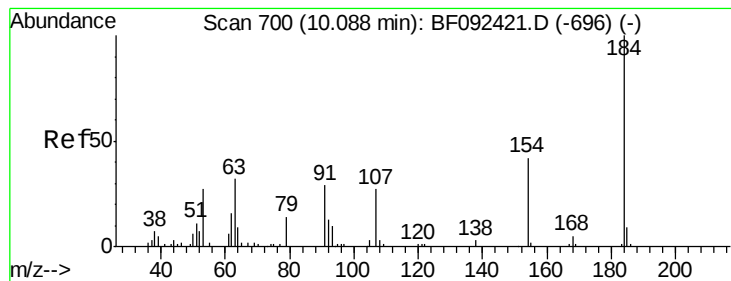


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 43.02 ng

RT: 10.09 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF092556.D

Acq: 27 Jan 2017 5:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

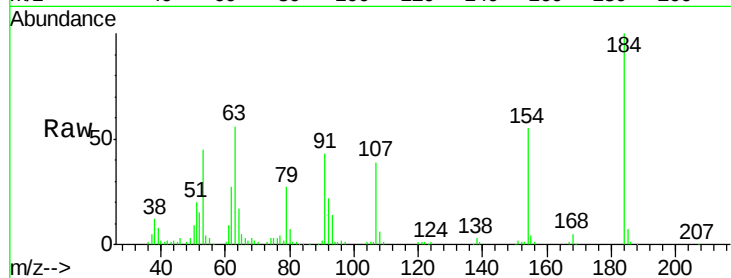
Tgt Ion:184 Resp: 101094

Ion Ratio Lower Upper

184 100

63 55.8 28.4 42.6#

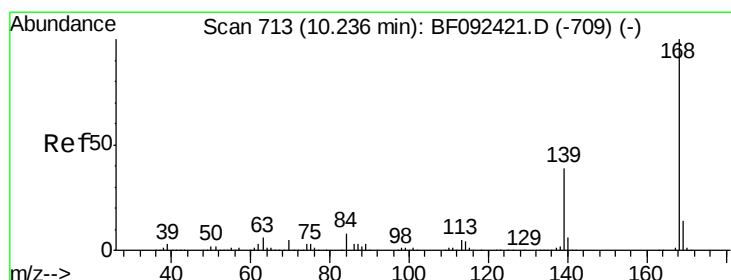
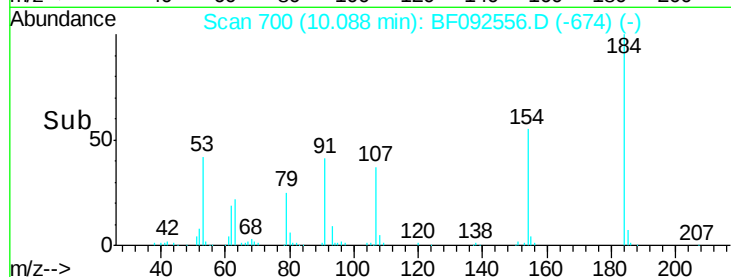
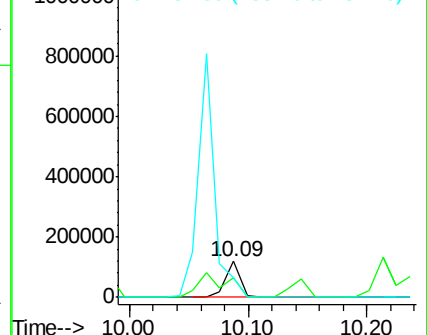
154 55.4 44.3 66.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 37.63 ng

RT: 10.24 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF092556.D

Acq: 27 Jan 2017 5:37

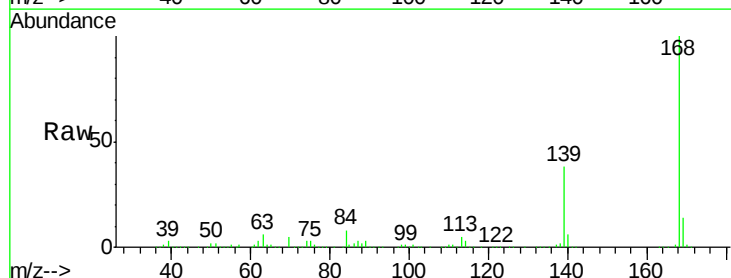
Tgt Ion:168 Resp: 1070845

Ion Ratio Lower Upper

168 100

139 38.1 32.6 49.0

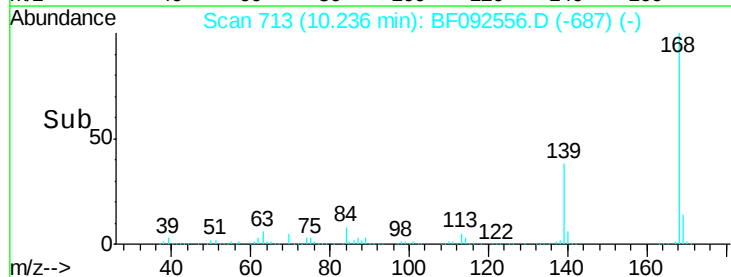
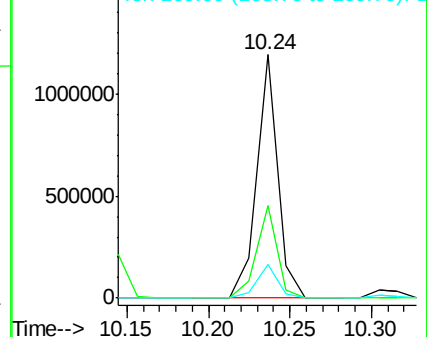
169 13.7 11.3 16.9

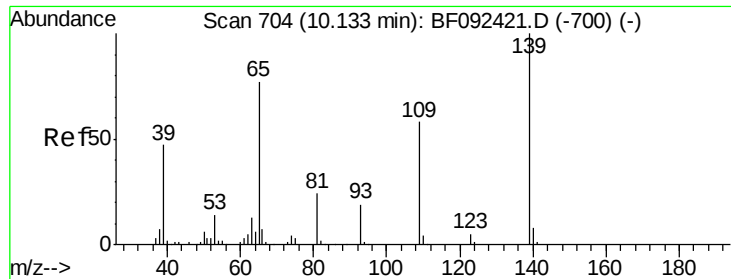


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

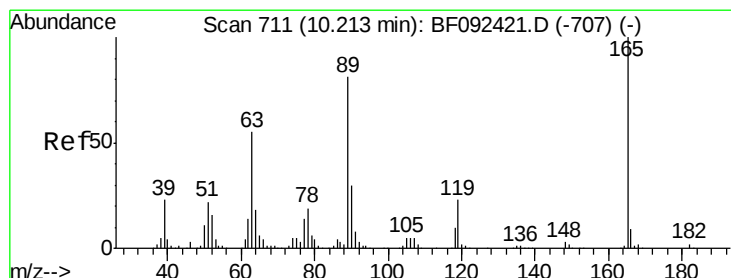
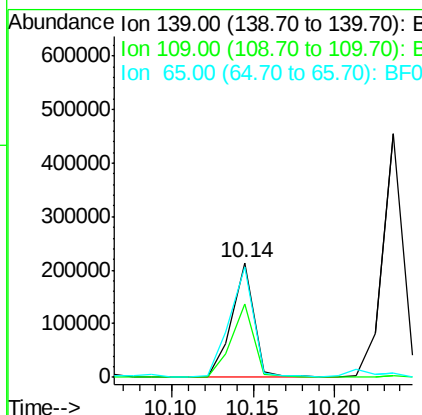
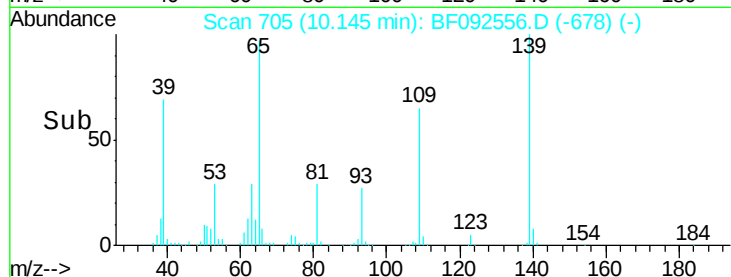
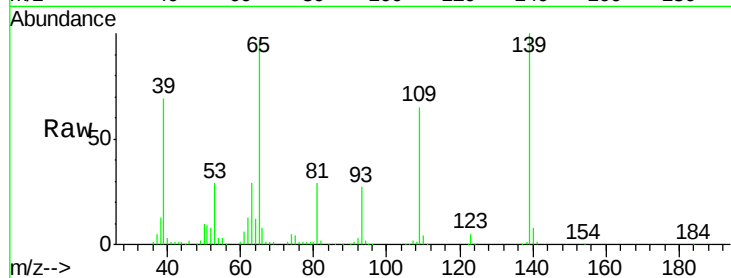




#55
4-Nitrophenol
Concen: 40.26 ng
RT: 10.14 min Scan# 705
Delta R.T. 0.01 min
Lab File: BF092556.D
Acq: 27 Jan 2017 5:37

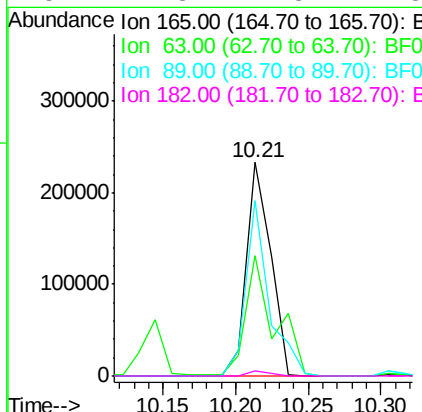
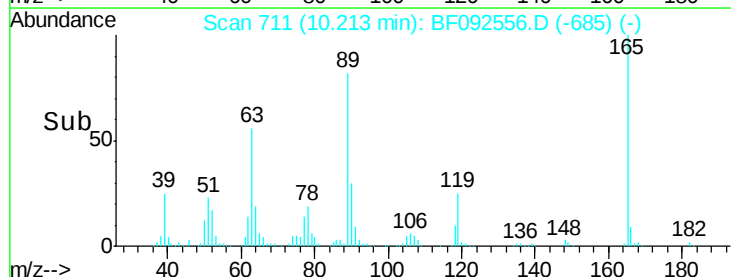
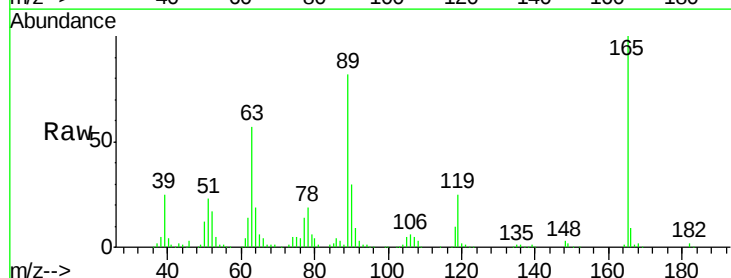
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

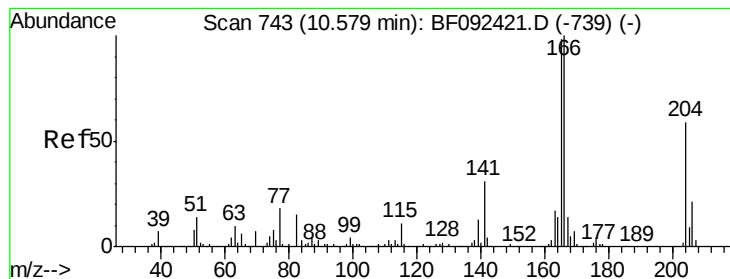
Tgt Ion:139 Resp: 202692
Ion Ratio Lower Upper
139 100
109 64.6 52.2 92.2
65 96.8 85.8 125.8



#56
2,4-Dinitrotoluene
Concen: 40.17 ng
RT: 10.21 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF092556.D
Acq: 27 Jan 2017 5:37

Tgt Ion:165 Resp: 269860
Ion Ratio Lower Upper
165 100
63 56.5 40.2 60.4
89 82.1 62.5 93.7
182 2.3 1.8 2.8





#57

Fluorene

Concen: 38.05 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF092556.D

Acq: 27 Jan 2017 5:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

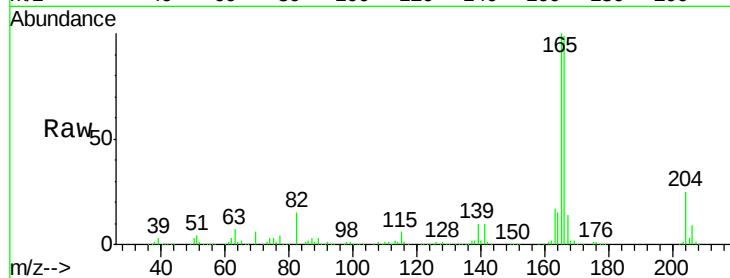
Tgt Ion:166 Resp: 802717

Ion Ratio Lower Upper

166 100

165 100.7 77.8 116.8

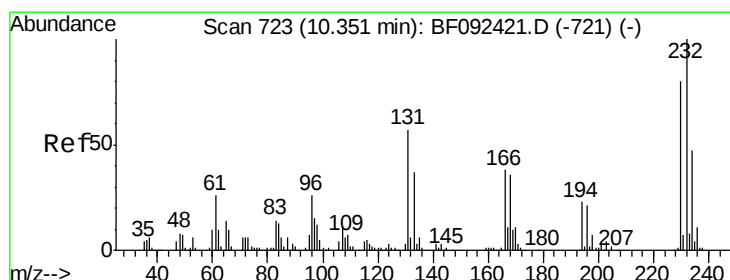
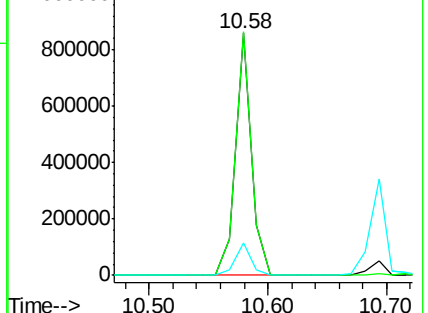
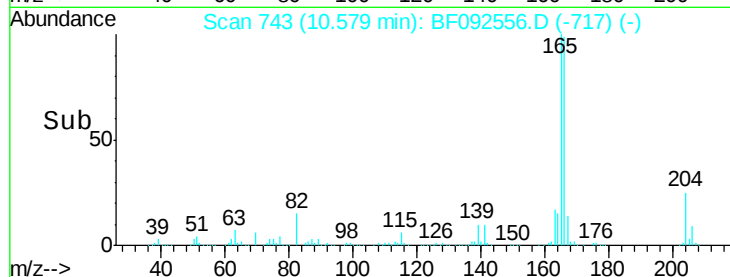
167 13.6 10.8 16.2



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: 38.89 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF092556.D

Acq: 27 Jan 2017 5:37

Tgt Ion:232 Resp: 200649

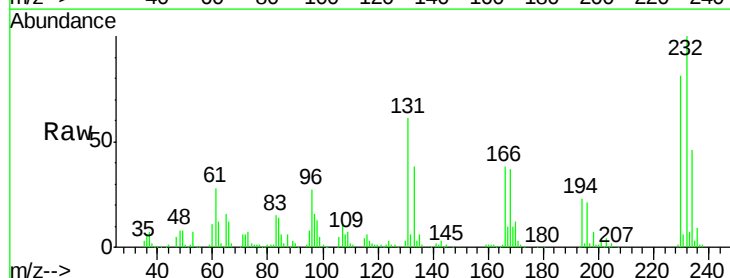
Ion Ratio Lower Upper

232 100

131 49.9 40.1 60.1

130 2.3 1.8 2.8

166 32.8 26.6 39.8

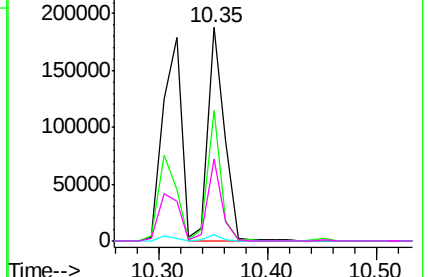
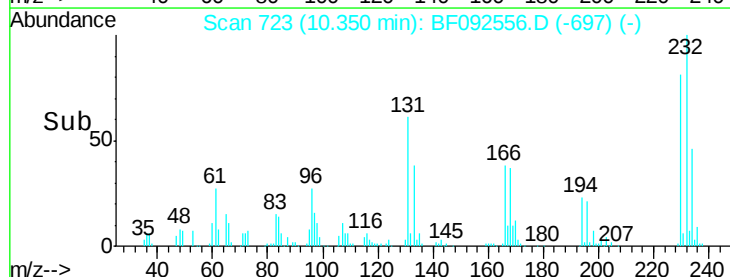


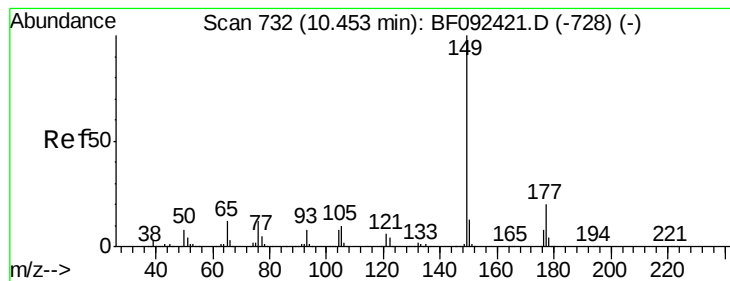
Abundance Ion 232.00 (231.70 to 232.70): E

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: 39.67 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF092556.D

Acq: 27 Jan 2017 5:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

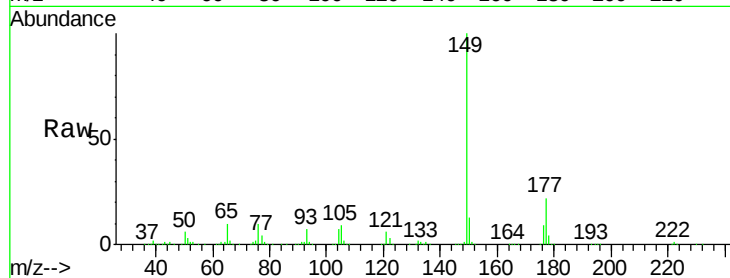
Tgt Ion:149 Resp: 941929

Ion Ratio Lower Upper

149 100

177 22.1 16.6 25.0

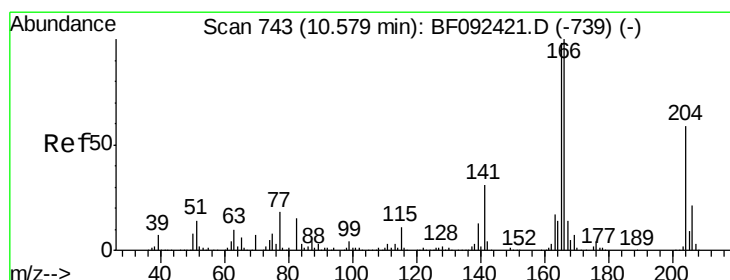
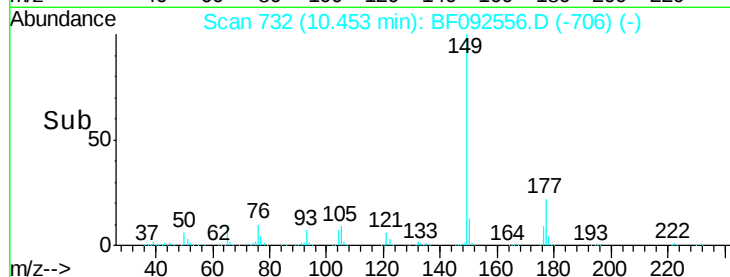
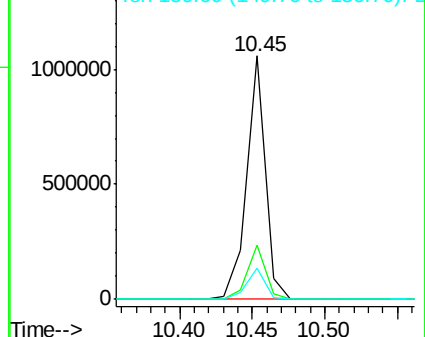
150 12.8 10.4 15.6



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: 38.82 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF092556.D

Acq: 27 Jan 2017 5:37

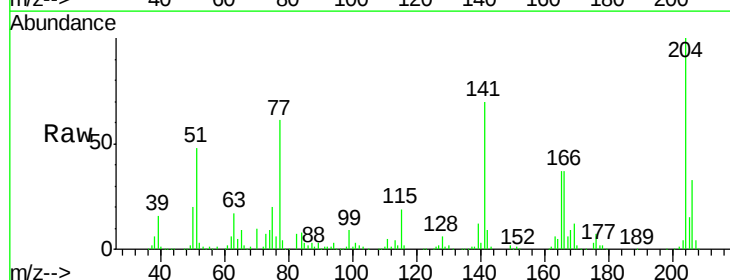
Tgt Ion:204 Resp: 397233

Ion Ratio Lower Upper

204 100

206 33.5 25.8 38.6

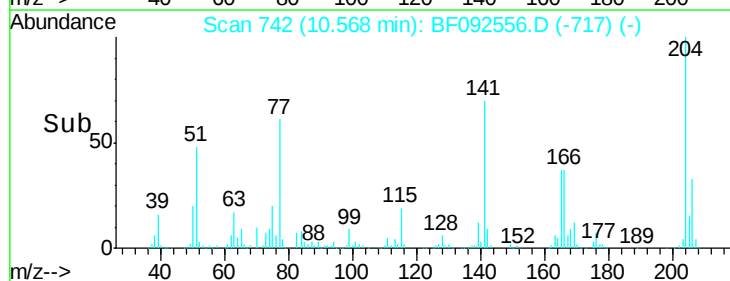
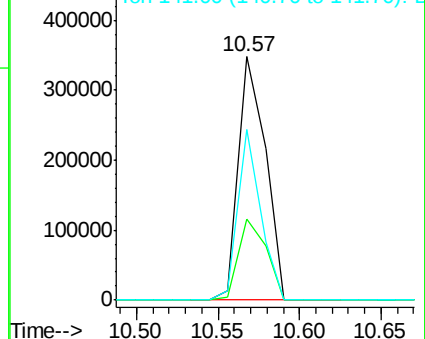
141 69.8 59.4 89.0

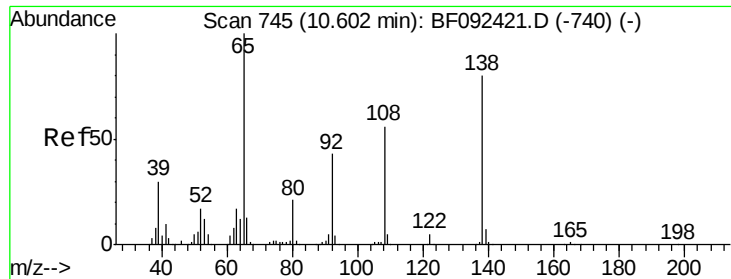


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

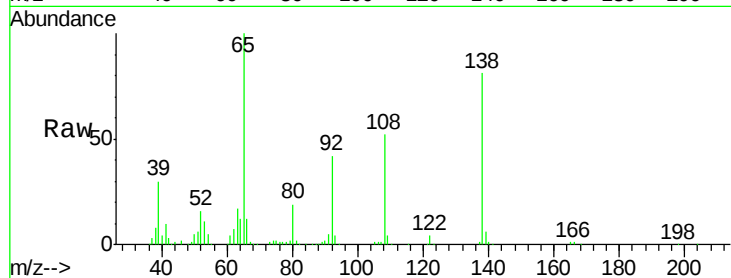




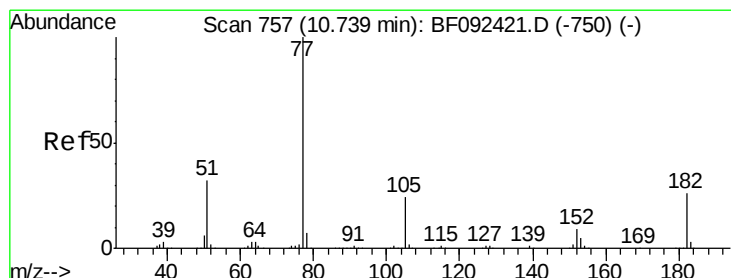
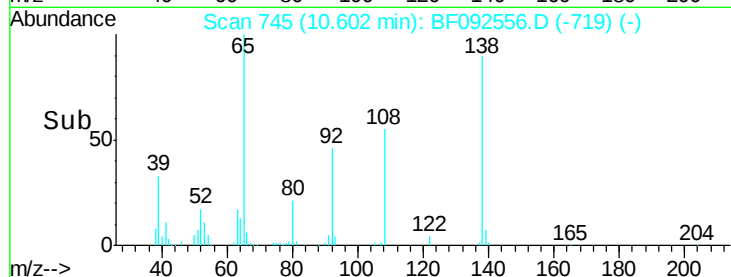
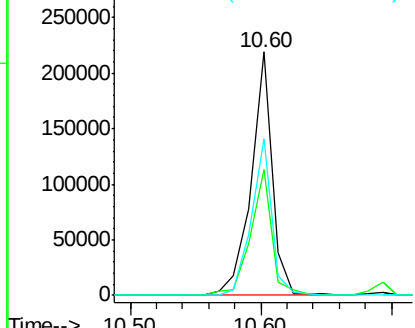
#61
4-Nitroaniline
Concen: 39.21 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.00 min
Lab File: BF092556.D
Acq: 27 Jan 2017 5:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 248581
Ion Ratio Lower Upper
138 100
92 51.6 31.7 71.7
108 64.3 52.6 92.6

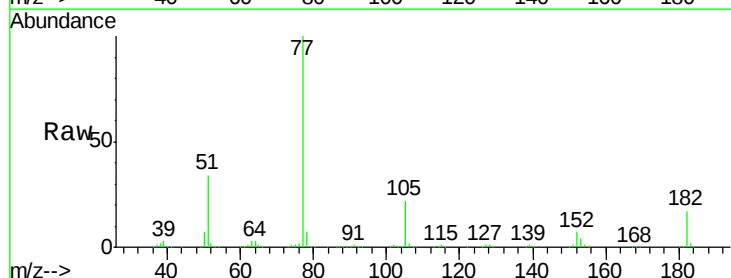


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

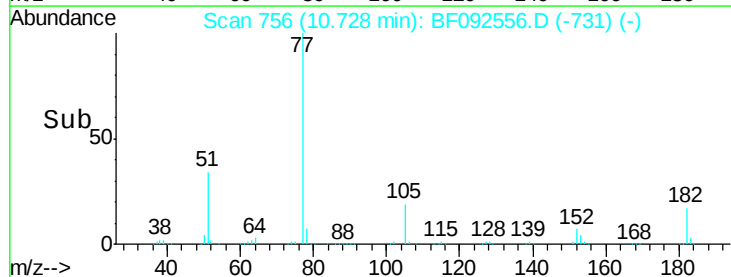
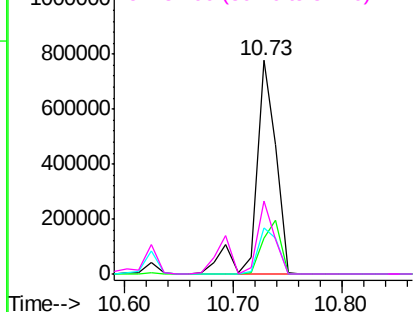


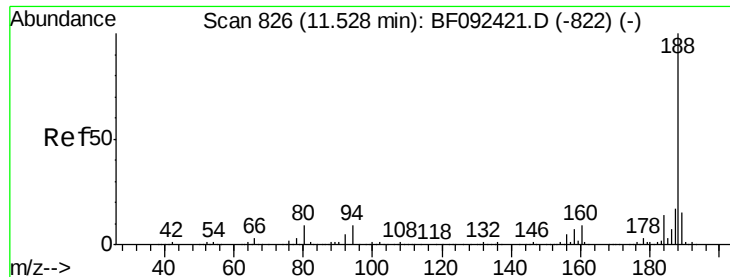
#62
Azobenzene
Concen: 37.13 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF092556.D
Acq: 27 Jan 2017 5:37

Tgt Ion: 77 Resp: 1003254
Ion Ratio Lower Upper
77 100
182 16.7 0.0 39.3
105 21.7 2.3 42.3
51 34.2 8.9 48.9



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

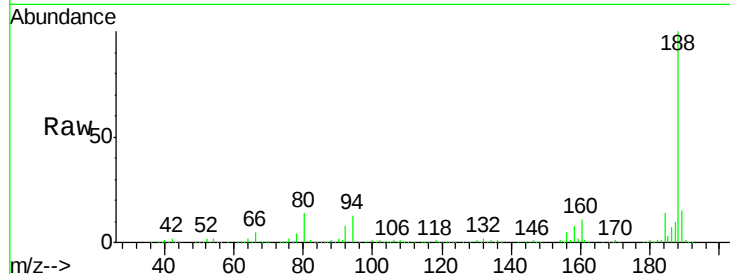




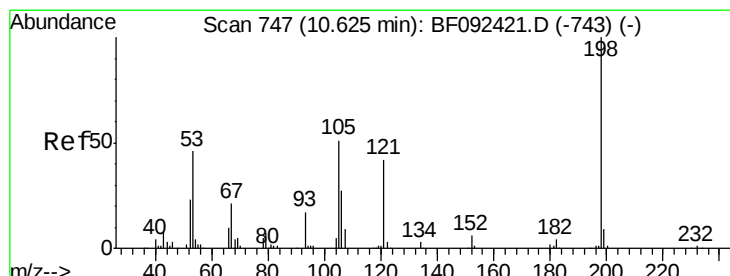
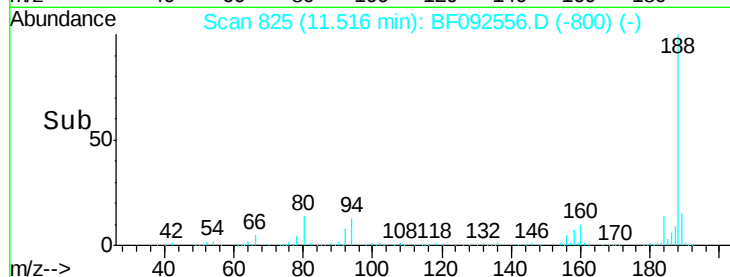
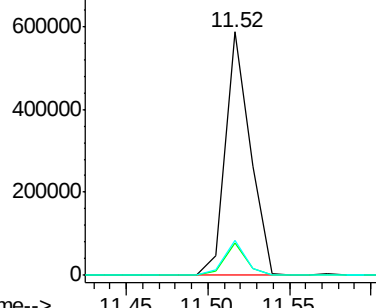
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092556.D
Acq: 27 Jan 2017 5:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:188 Resp: 619928
Ion Ratio Lower Upper
188 100
94 13.4 10.0 15.0
80 14.2 11.2 16.8

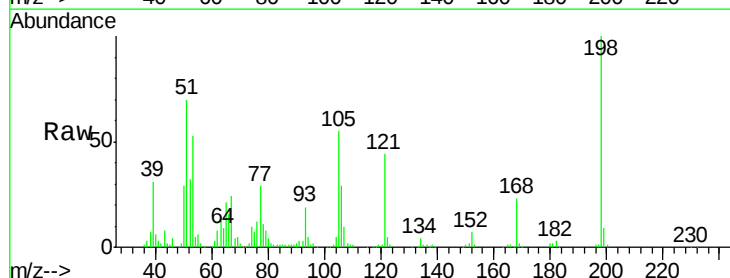


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

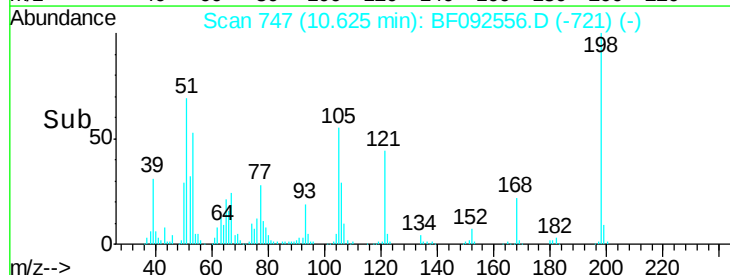
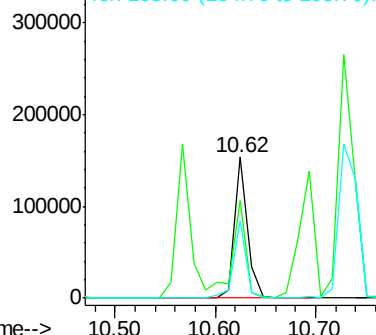


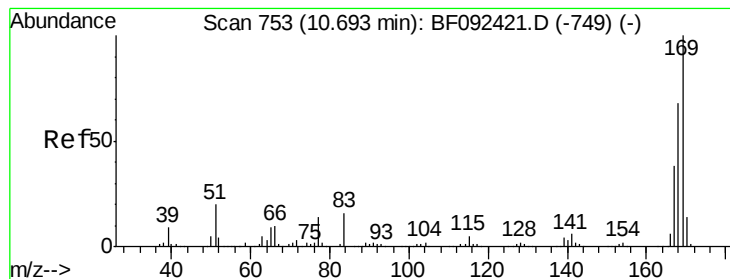
#64
4,6-Dinitro-2-methylphenol
Concen: 41.86 ng
RT: 10.62 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF092556.D
Acq: 27 Jan 2017 5:37

Tgt Ion:198 Resp: 137480
Ion Ratio Lower Upper
198 100
51 69.6 6.7 46.7#
105 55.0 16.6 56.6



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





#65

n-Nitrosodiphenylamine

Concen: 41.95 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF092556.D

Acq: 27 Jan 2017 5:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

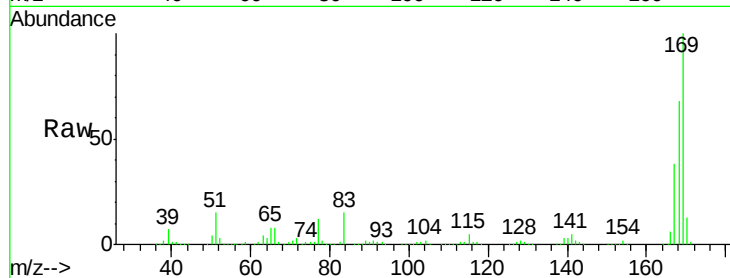
Tgt Ion:169 Resp: 812188

Ion Ratio Lower Upper

169 100

168 67.7 54.2 81.2

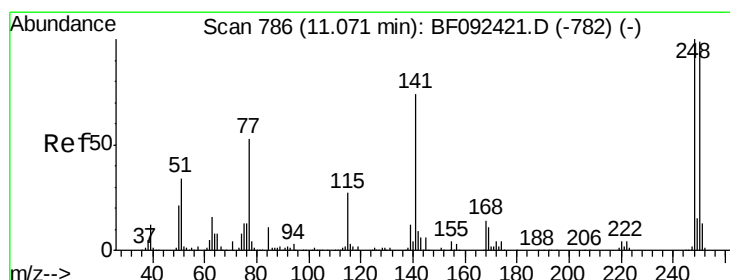
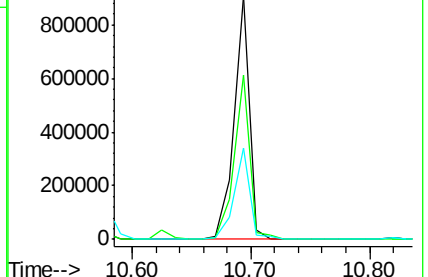
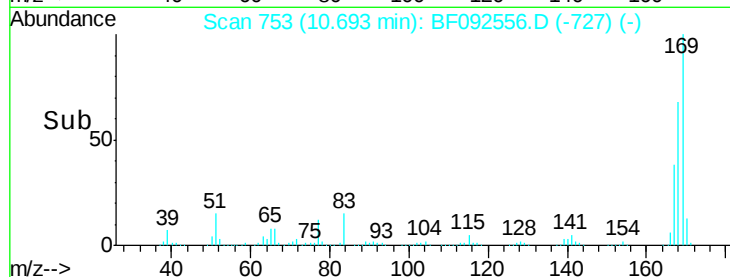
167 37.7 30.2 45.4



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: 39.47 ng

RT: 11.06 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF092556.D

Acq: 27 Jan 2017 5:37

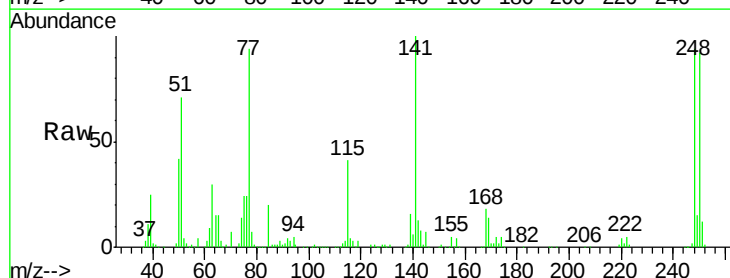
Tgt Ion:248 Resp: 247068

Ion Ratio Lower Upper

248 100

250 97.4 76.9 115.3

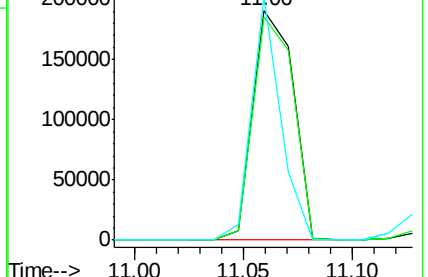
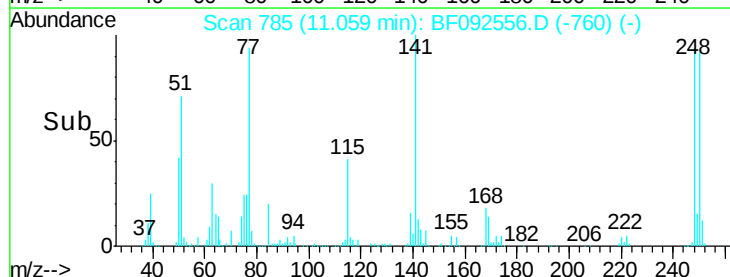
141 106.4 68.2 102.4#

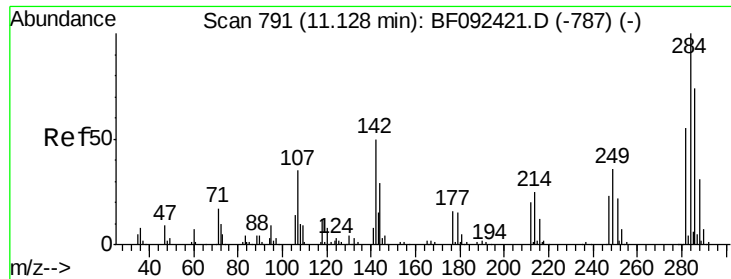


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

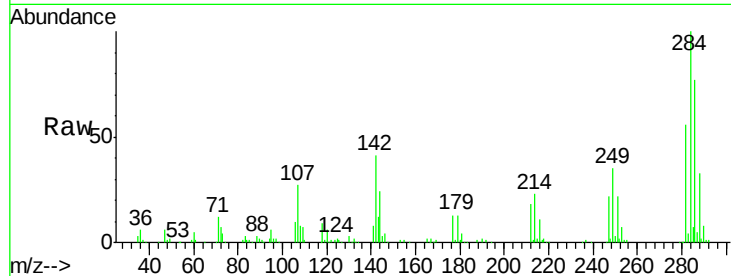




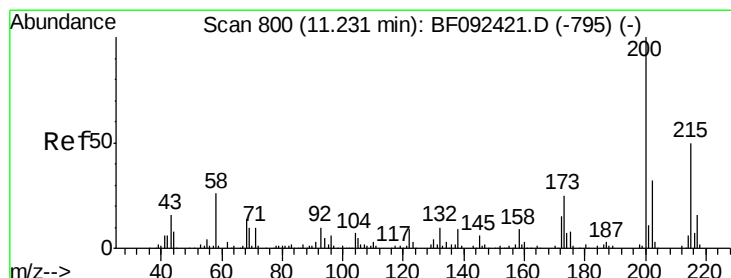
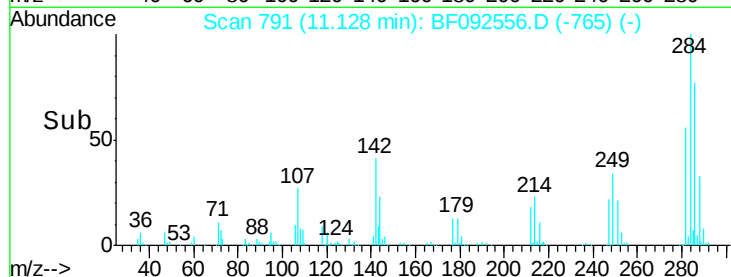
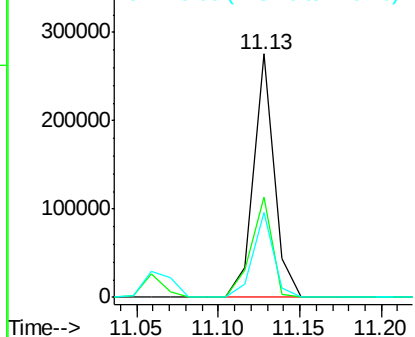
#67
Hexachlorobenzene
Concen: 38.37 ng
RT: 11.13 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF092556.D
Acq: 27 Jan 2017 5:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:284 Resp: 242757
Ion Ratio Lower Upper
284 100
142 41.2 22.6 33.8#
249 35.0 25.4 38.0

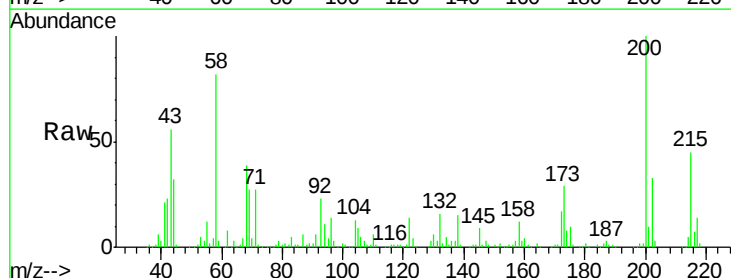


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

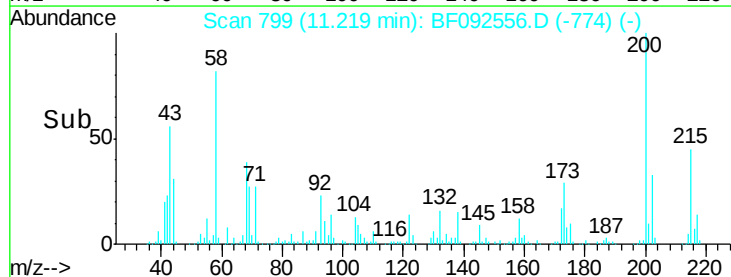
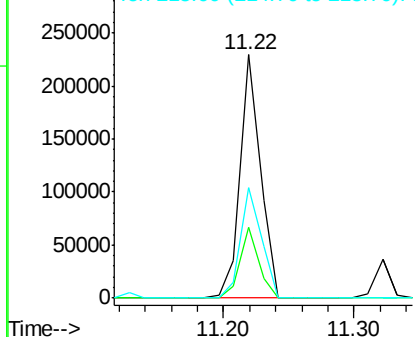


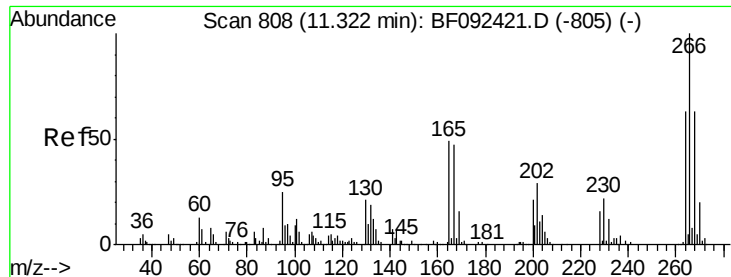
#68
Atrazine
Concen: 37.35 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF092556.D
Acq: 27 Jan 2017 5:37

Tgt Ion:200 Resp: 247470
Ion Ratio Lower Upper
200 100
173 29.1 9.6 49.6
215 45.2 25.7 65.7



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

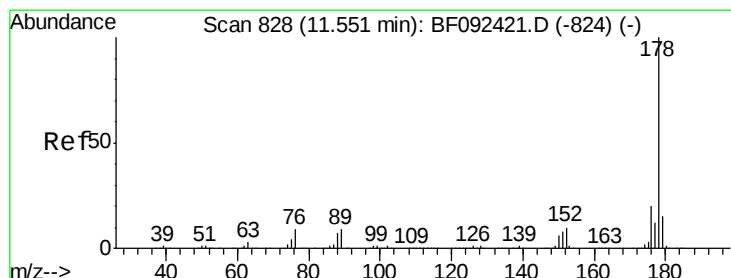
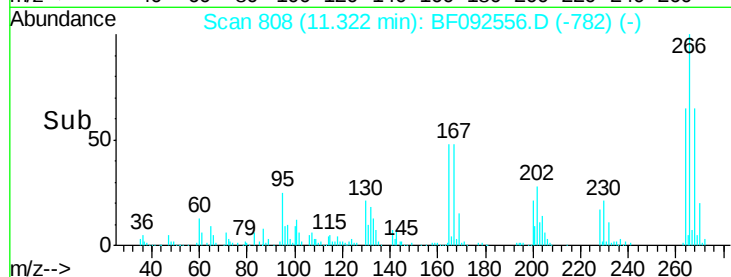
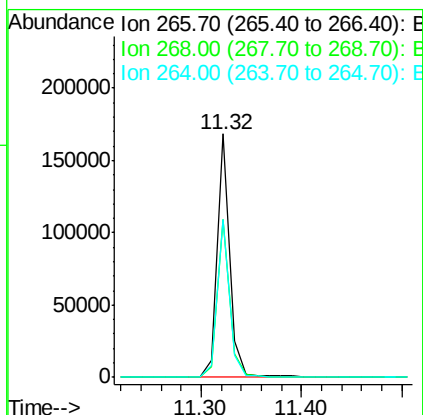
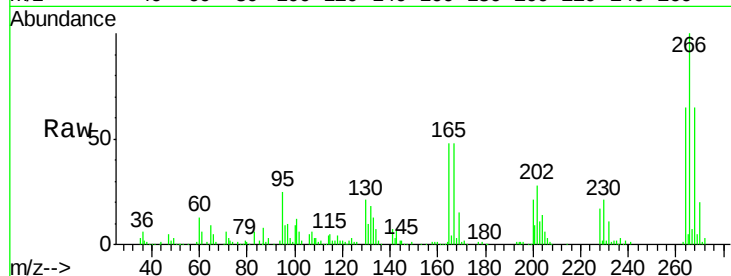




#69
 Pentachlorophenol
 Concen: 36.07 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF092556.D
 Acq: 27 Jan 2017 5:37

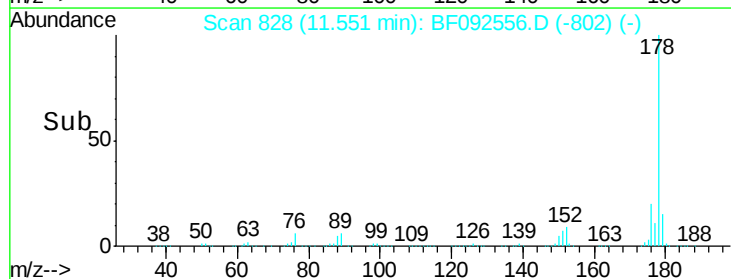
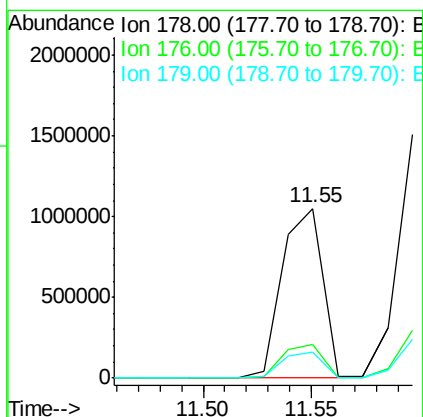
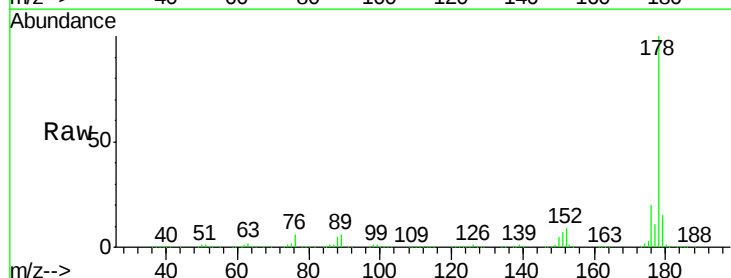
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

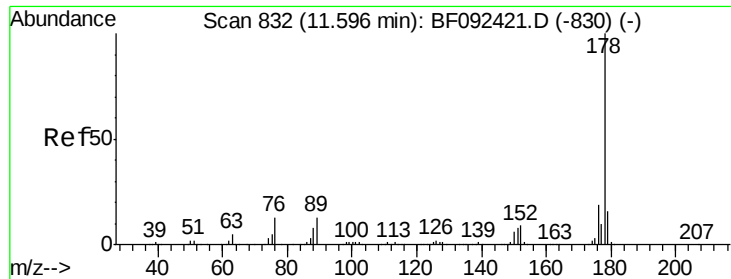
Tgt Ion: 266 Resp: 145910
 Ion Ratio Lower Upper
 266 100
 268 64.7 53.3 79.9
 264 64.9 50.3 75.5



#70
 Phenanthrene
 Concen: 40.11 ng
 RT: 11.55 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF092556.D
 Acq: 27 Jan 2017 5:37

Tgt Ion: 178 Resp: 1369416
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.6 25.0
 179 15.3 12.8 19.2

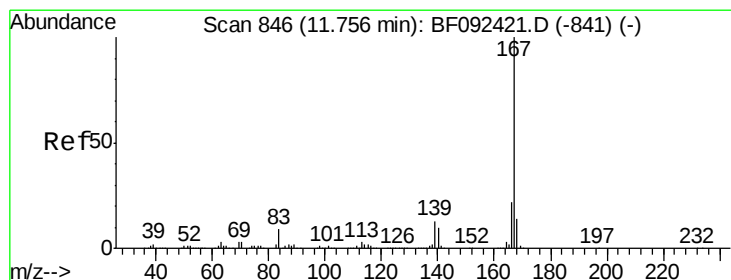
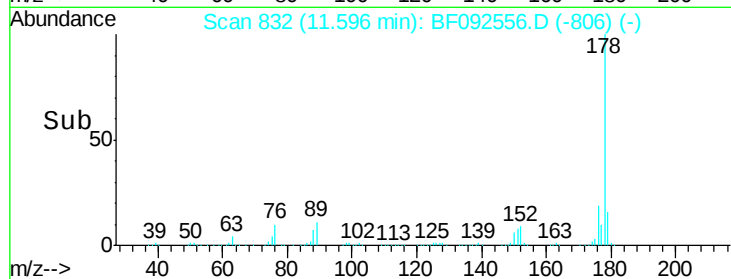
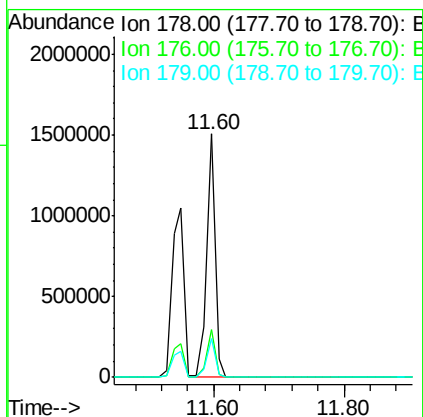
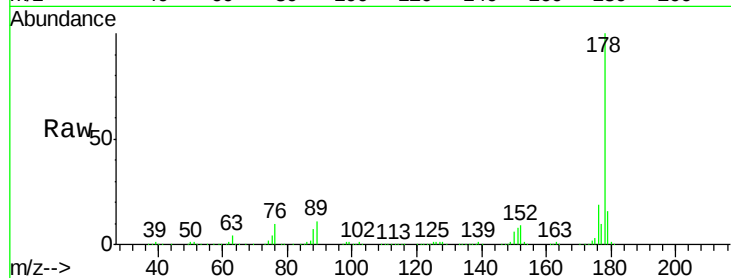




#71
 Anthracene
 Concen: 40.20 ng
 RT: 11.60 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF092556.D
 Acq: 27 Jan 2017 5:37

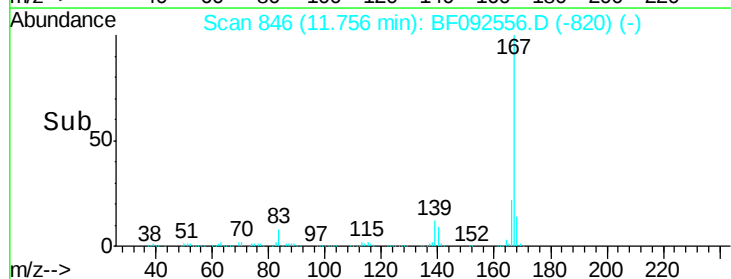
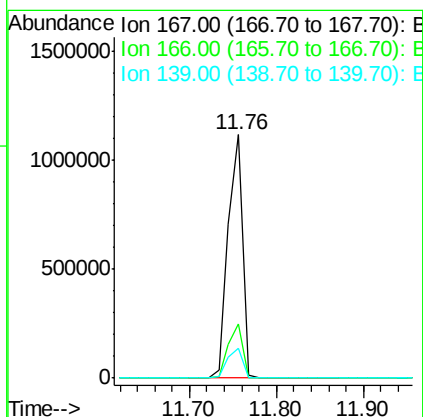
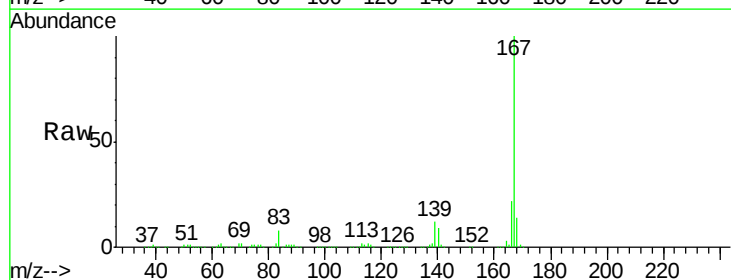
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

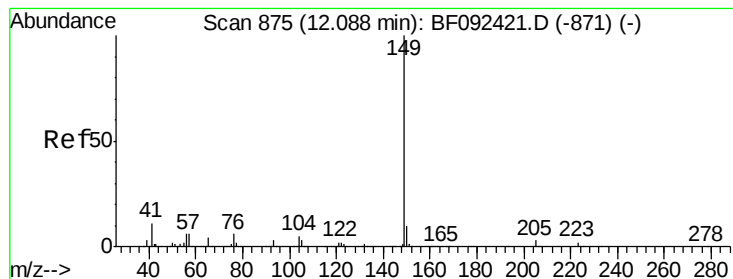
Tgt Ion:178 Resp: 1341172
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.9 23.9
 179 15.8 13.2 19.8



#72
 Carbazole
 Concen: 40.75 ng
 RT: 11.76 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BF092556.D
 Acq: 27 Jan 2017 5:37

Tgt Ion:167 Resp: 1298237
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.2 27.2
 139 12.3 11.4 17.2





#73

Di-n-butylphthalate

Concen: 43.35 ng

RT: 12.09 min Scan# 875

Delta R.T. -0.00 min

Lab File: BF092556.D

Acq: 27 Jan 2017 5:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

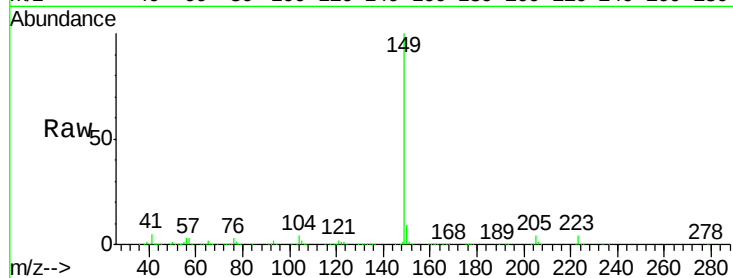
Tgt Ion:149 Resp: 1579036

Ion Ratio Lower Upper

149 100

150 8.9 8.1 12.1

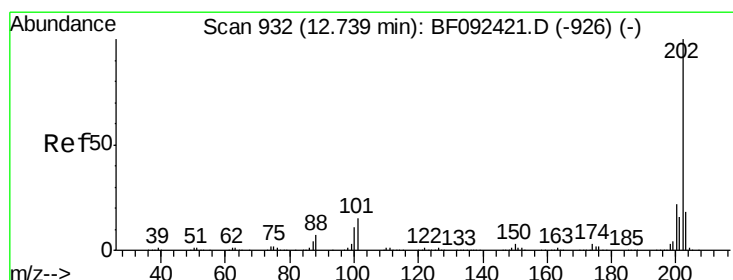
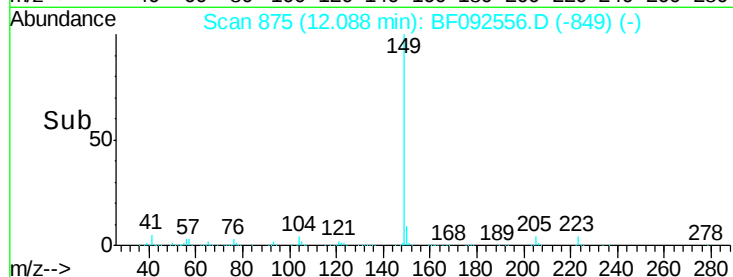
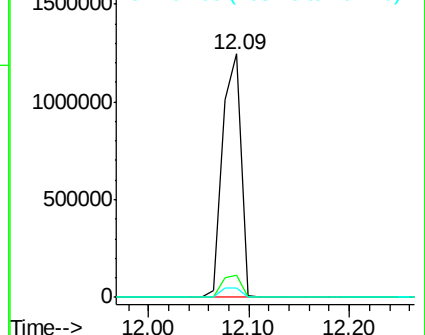
104 3.6 4.6 7.0#



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: 43.52 ng

RT: 12.74 min Scan# 932

Delta R.T. -0.00 min

Lab File: BF092556.D

Acq: 27 Jan 2017 5:37

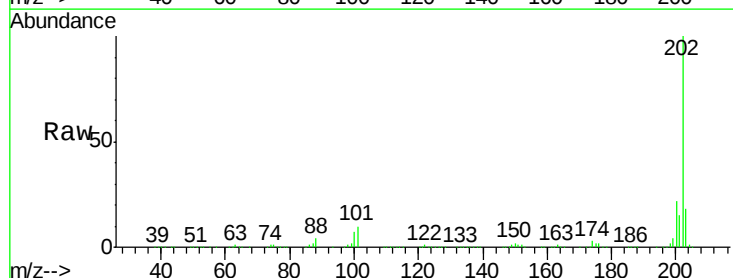
Tgt Ion:202 Resp: 1453199

Ion Ratio Lower Upper

202 100

101 9.9 0.0 34.6

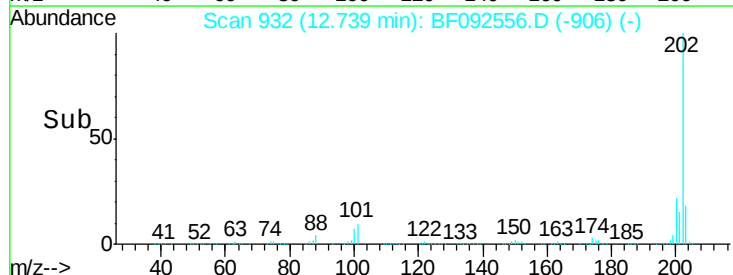
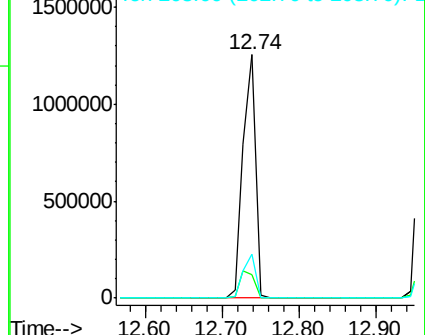
203 17.9 0.0 38.7

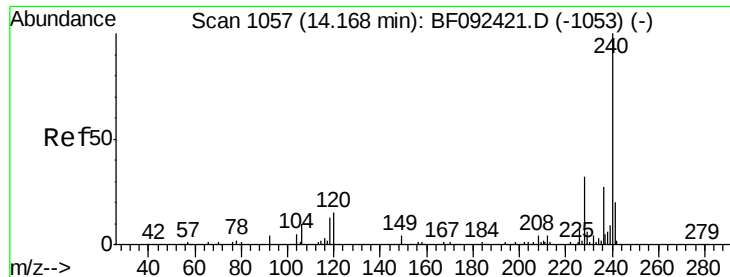


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.17 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BF092556.D

Acq: 27 Jan 2017 5:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

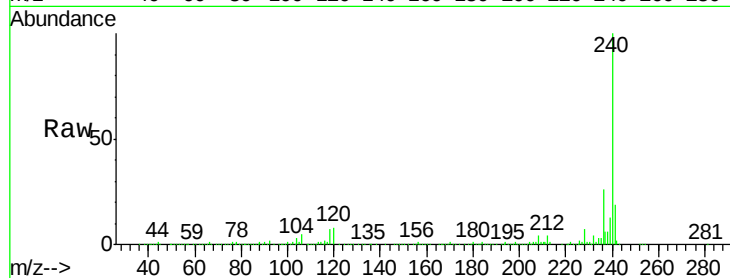
Tgt Ion:240 Resp: 487576

Ion Ratio Lower Upper

240 100

120 8.3 12.9 19.3#

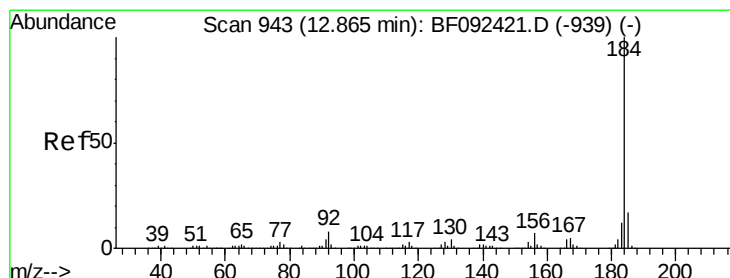
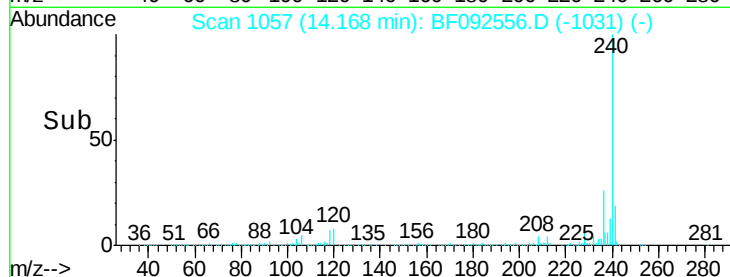
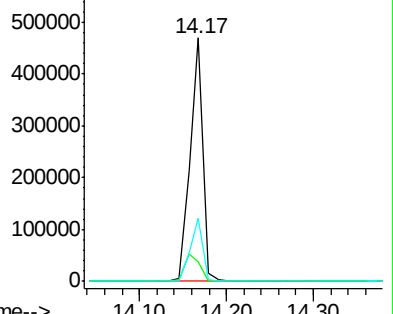
236 26.1 20.9 31.3



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: 29.88 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF092556.D

Acq: 27 Jan 2017 5:37

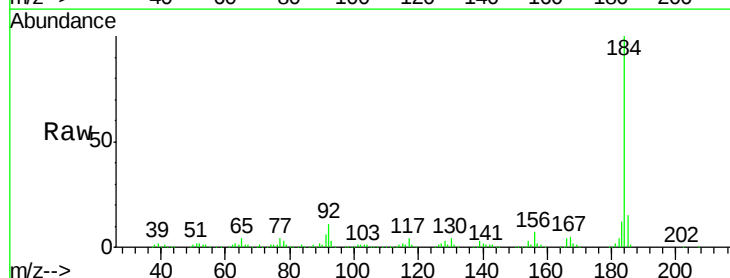
Tgt Ion:184 Resp: 540782

Ion Ratio Lower Upper

184 100

185 14.7 13.4 20.0

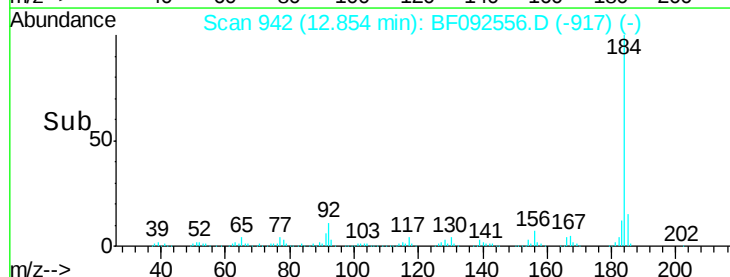
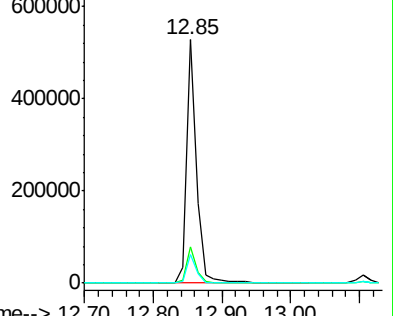
183 11.7 9.2 13.8

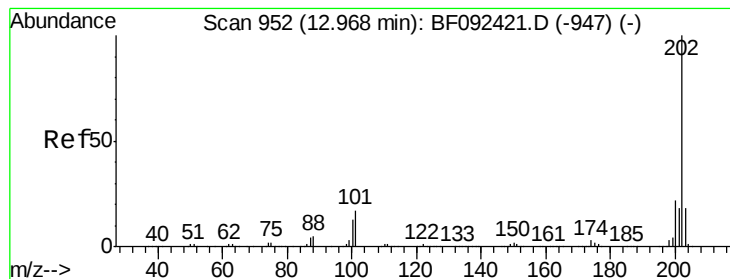


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 42.64 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF092556.D

Acq: 27 Jan 2017 5:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

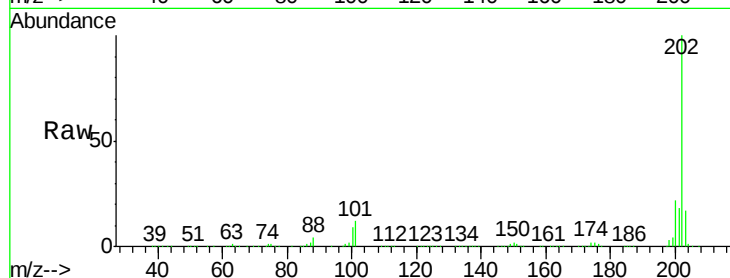
Tgt Ion:202 Resp: 1506331

Ion Ratio Lower Upper

202 100

200 21.9 17.7 26.5

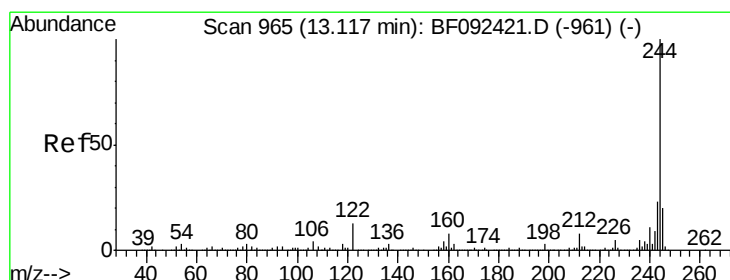
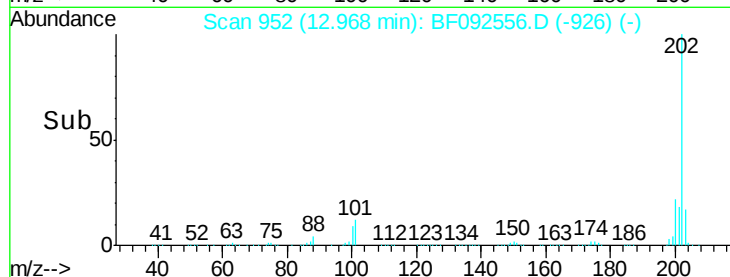
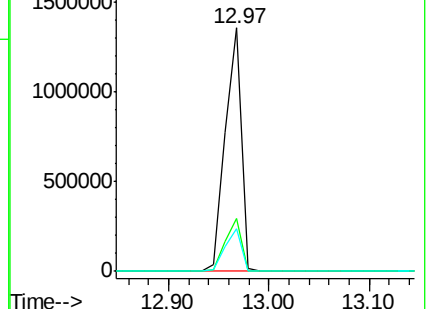
203 17.3 14.7 22.1



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: 75.78 ng

RT: 13.10 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092556.D

Acq: 27 Jan 2017 5:37

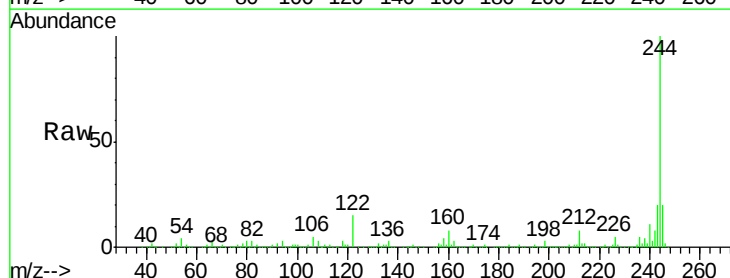
Tgt Ion:244 Resp: 1387557

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

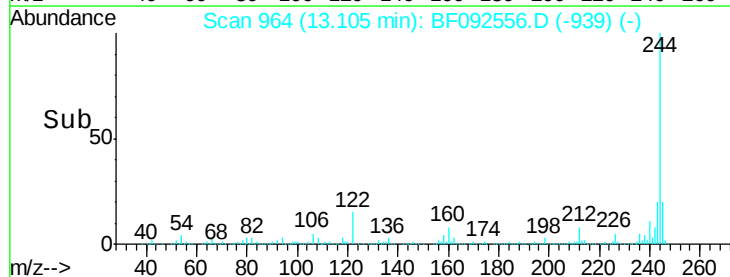
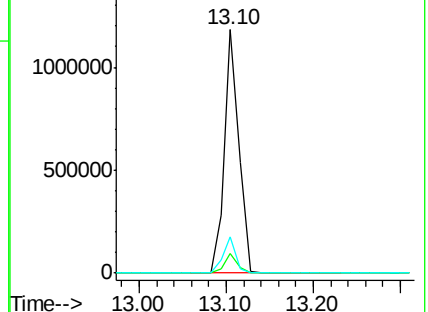
122 15.0 11.4 17.2

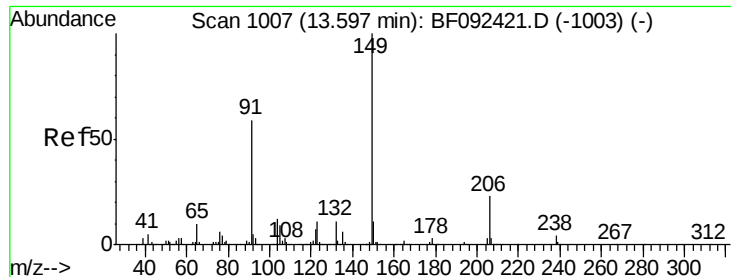


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 47.77 ng

RT: 13.59 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF092556.D

Acq: 27 Jan 2017 5:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

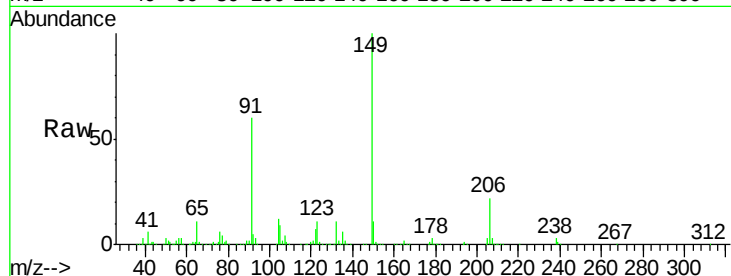
Tgt Ion:149 Resp: 683724

Ion Ratio Lower Upper

149 100

91 60.3 63.9 95.9#

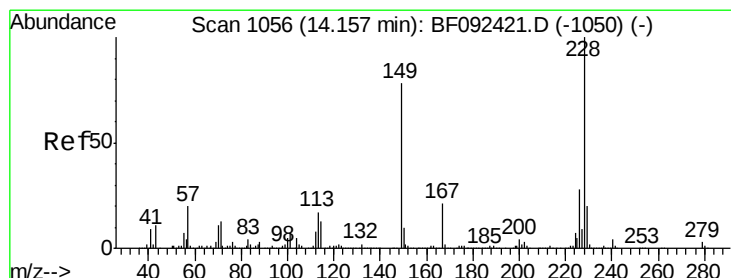
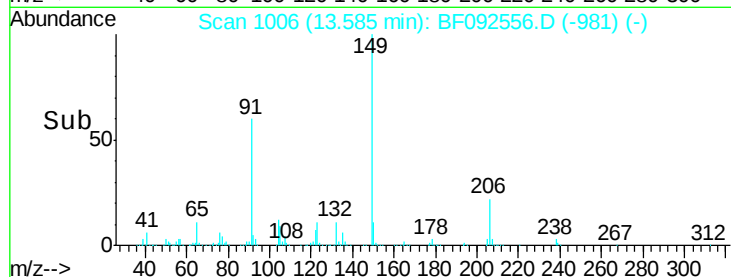
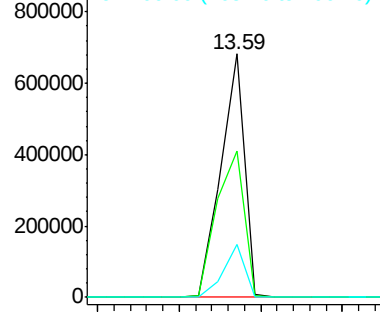
206 21.6 14.6 21.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 39.83 ng

RT: 14.16 min Scan# 1056

Delta R.T. -0.00 min

Lab File: BF092556.D

Acq: 27 Jan 2017 5:37

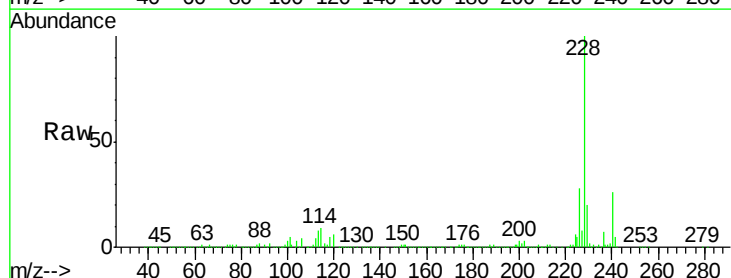
Tgt Ion:228 Resp: 1043566

Ion Ratio Lower Upper

228 100

226 27.9 22.4 33.6

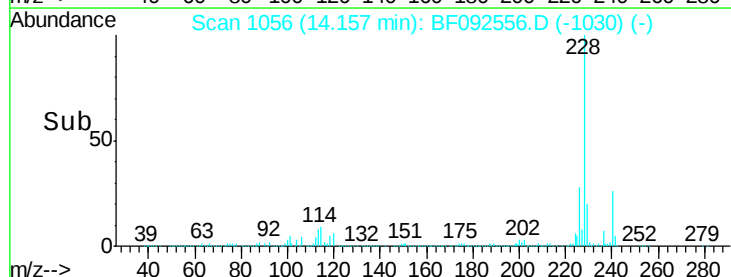
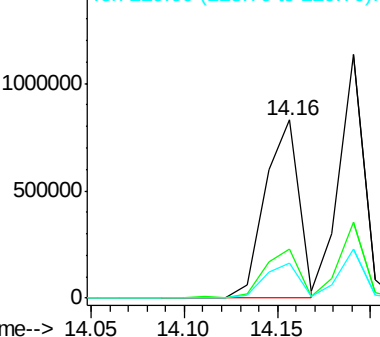
229 19.6 16.2 24.4

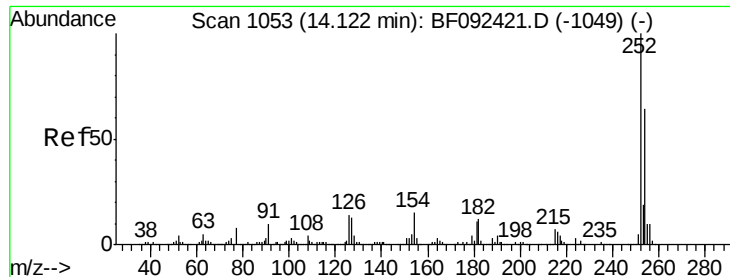


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

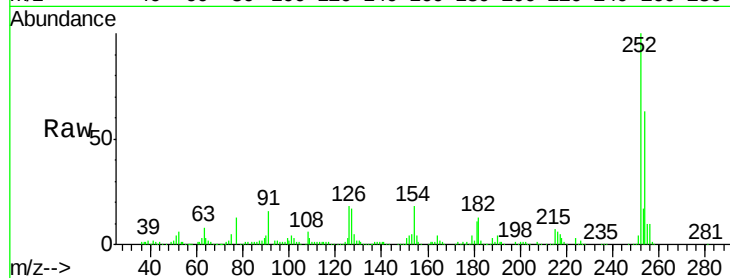




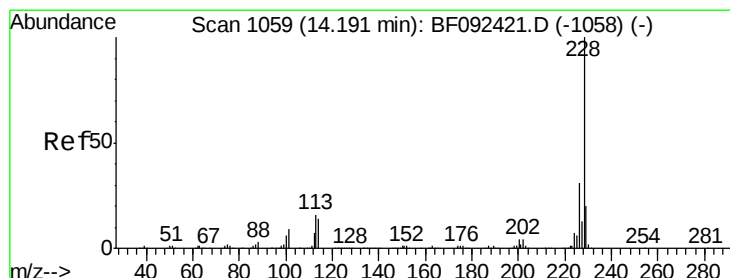
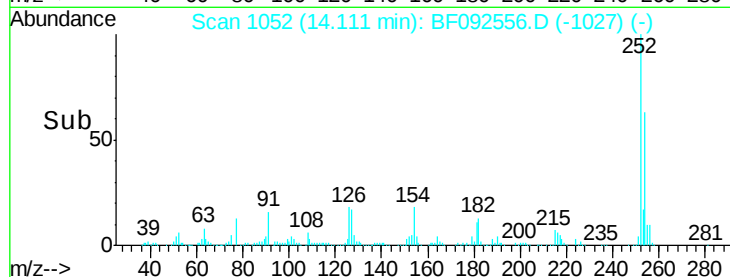
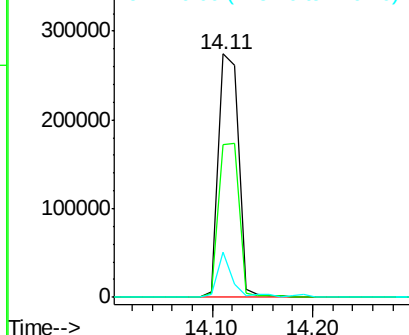
#81
 3,3'-Dichlorobenzidine
 Concen: 38.69 ng
 RT: 14.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BF092556.D
 Acq: 27 Jan 2017 5:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:252 Resp: 384893
 Ion Ratio Lower Upper
 252 100
 254 62.8 52.3 78.5
 126 18.4 13.6 20.4

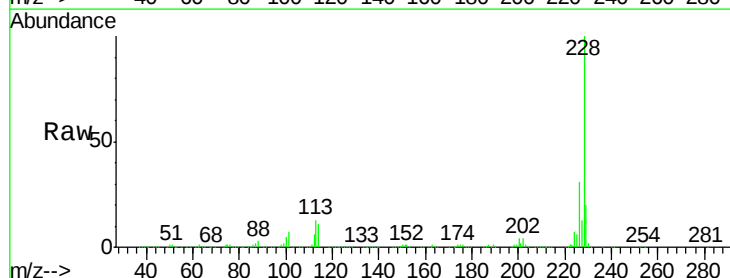


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

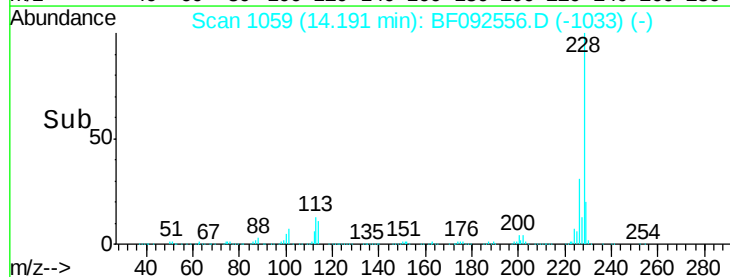
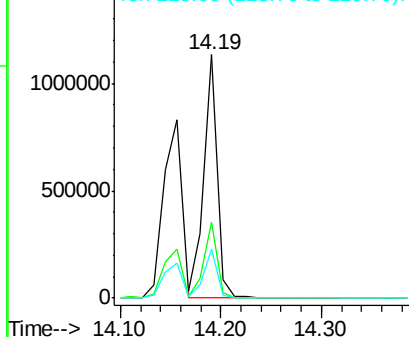


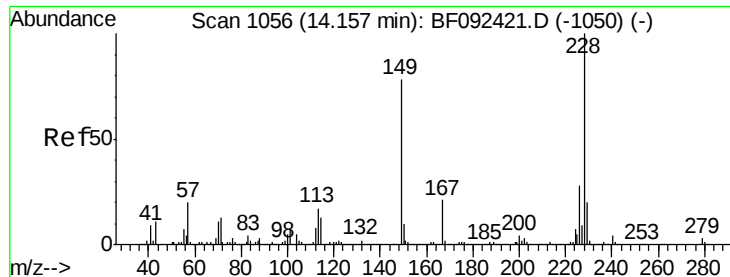
#82
 Chrysene
 Concen: 37.78 ng
 RT: 14.19 min Scan# 1059
 Delta R.T. -0.00 min
 Lab File: BF092556.D
 Acq: 27 Jan 2017 5:37

Tgt Ion:228 Resp: 1057168
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.4 38.0
 229 20.0 16.2 24.2



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

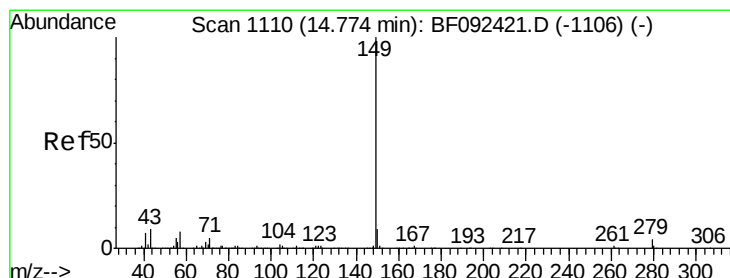
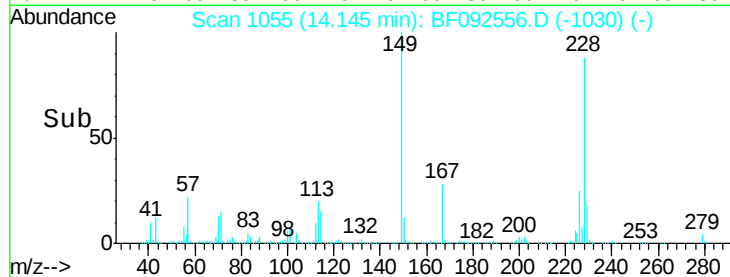
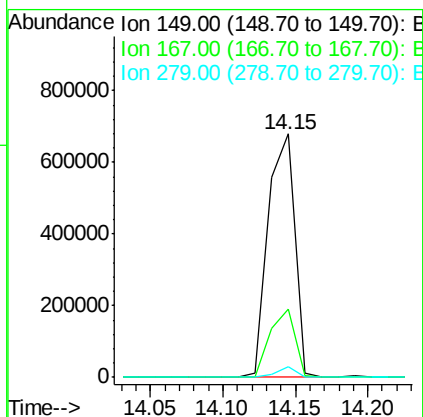
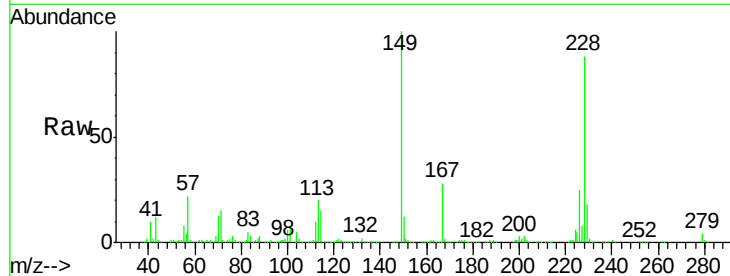




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.10 ng
 RT: 14.15 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BF092556.D
 Acq: 27 Jan 2017 5:37

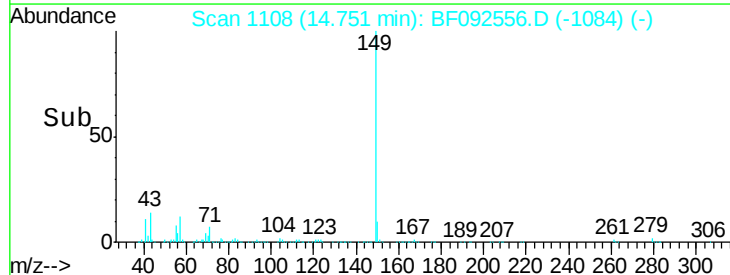
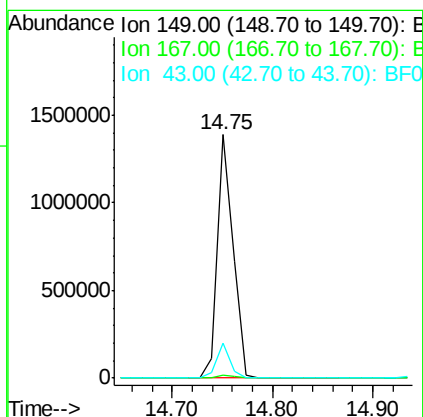
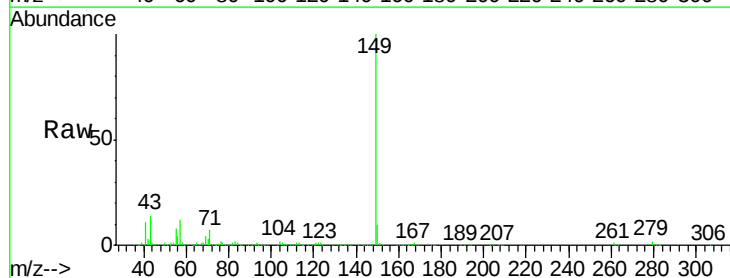
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

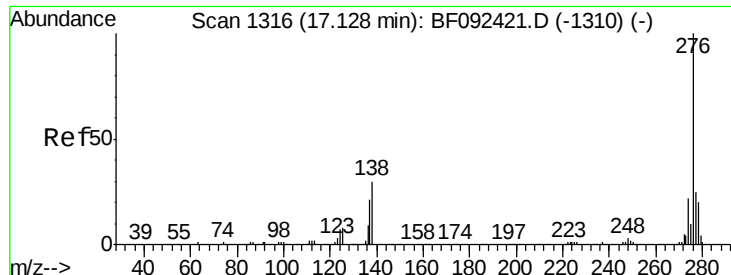
Tgt Ion:149 Resp: 866911
 Ion Ratio Lower Upper
 149 100
 167 28.0 20.2 30.4
 279 4.3 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 46.15 ng
 RT: 14.75 min Scan# 1108
 Delta R.T. -0.02 min
 Lab File: BF092556.D
 Acq: 27 Jan 2017 5:37

Tgt Ion:149 Resp: 1509961
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 12.3 8.9 13.3

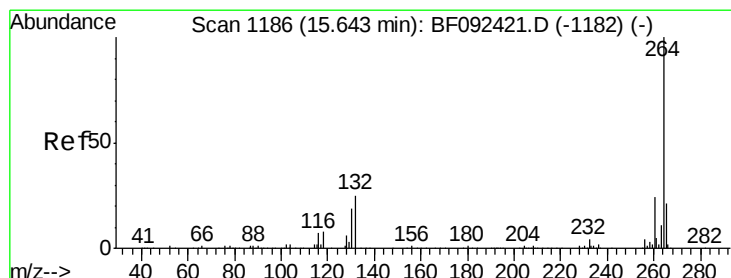
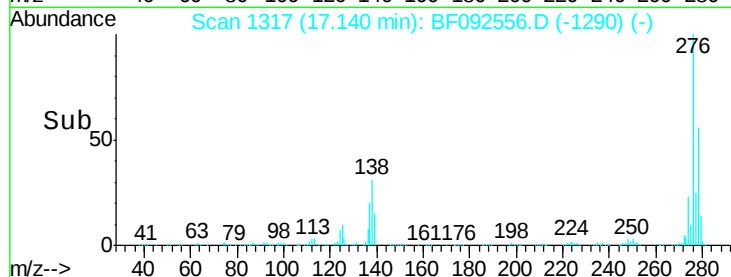
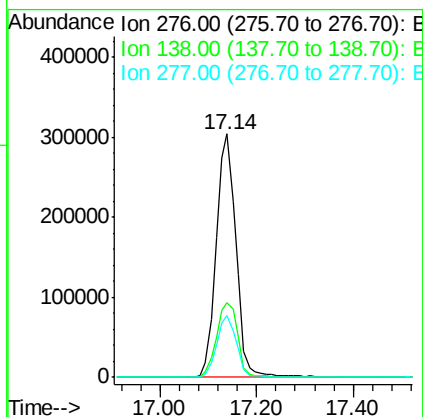
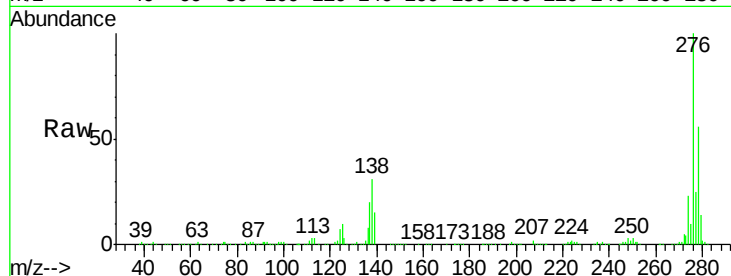




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.21 ng
 RT: 17.14 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: BF092556.D
 Acq: 27 Jan 2017 5:37

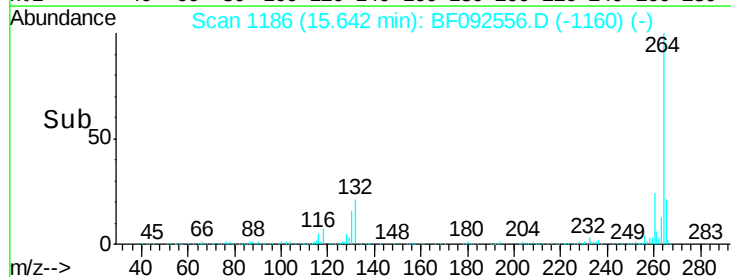
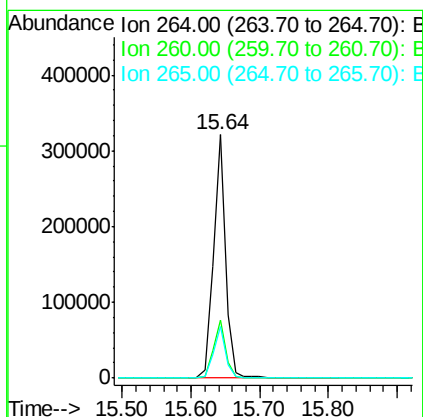
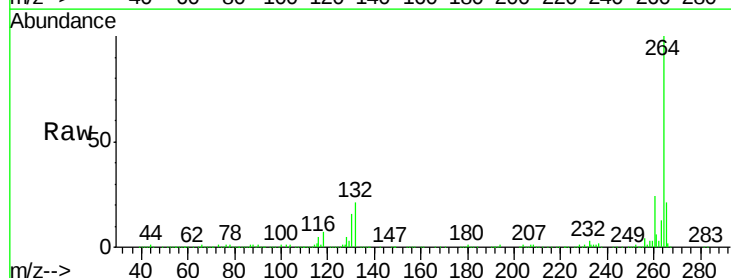
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

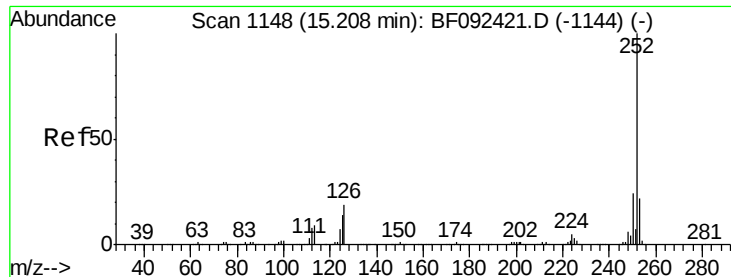
Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.3	21.8	32.6#
277	25.4	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.64 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF092556.D
 Acq: 27 Jan 2017 5:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.4	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 36.34 ng

RT: 15.21 min Scan# 1148

Delta R.T. -0.00 min

Lab File: BF092556.D

Acq: 27 Jan 2017 5:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

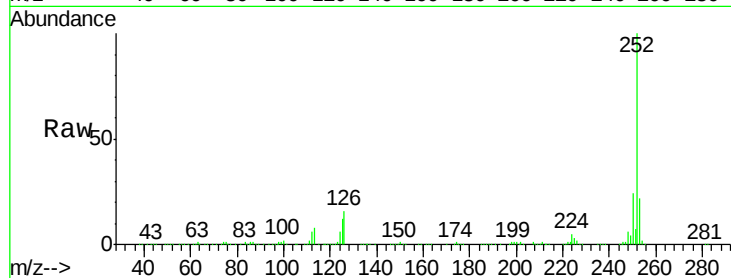
Tgt Ion:252 Resp: 926898

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.4

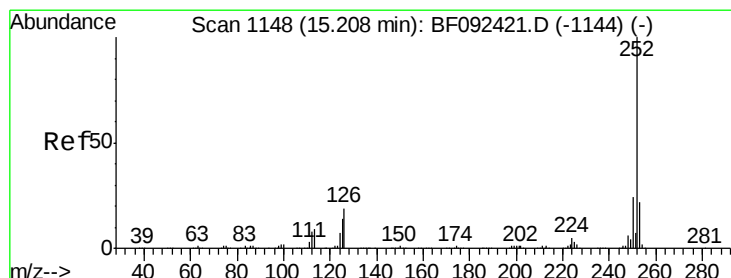
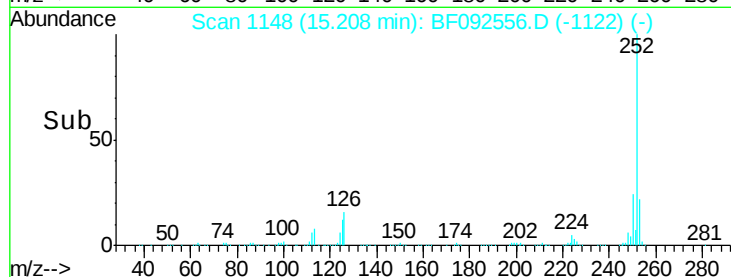
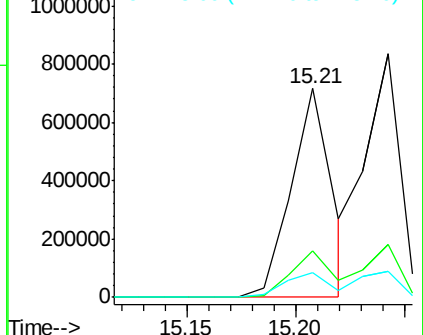
125 12.1 9.8 14.6



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: 43.71 ng

RT: 15.21 min Scan# 1148

Delta R.T. -0.03 min

Lab File: BF092556.D

Acq: 27 Jan 2017 5:37

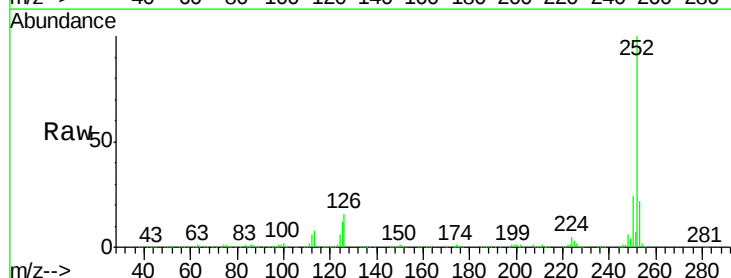
Tgt Ion:252 Resp: 926898

Ion Ratio Lower Upper

252 100

253 22.2 18.5 27.7

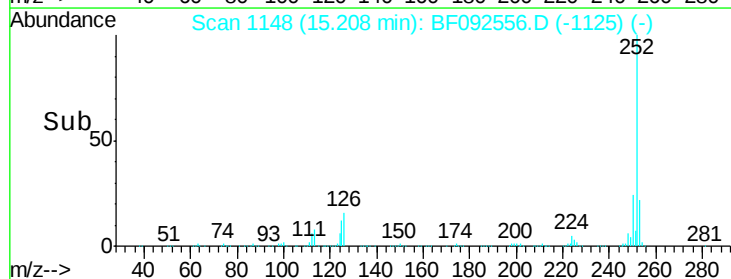
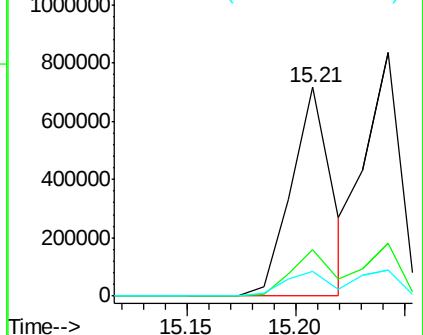
125 12.1 8.9 13.3

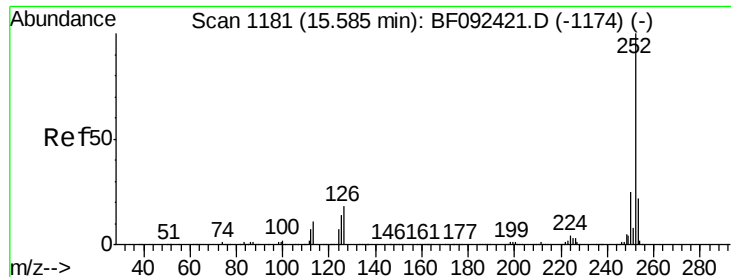


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.66 ng

RT: 15.59 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BF092556.D

Acq: 27 Jan 2017 5:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

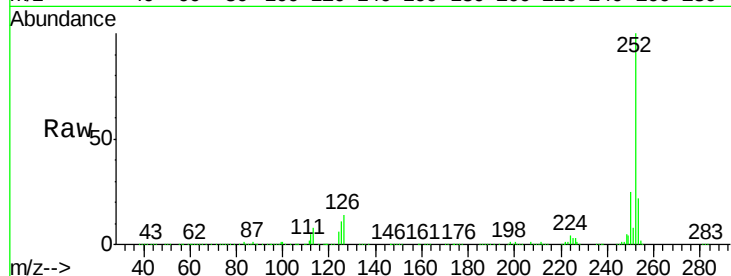
Tgt Ion:252 Resp: 877274

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.2

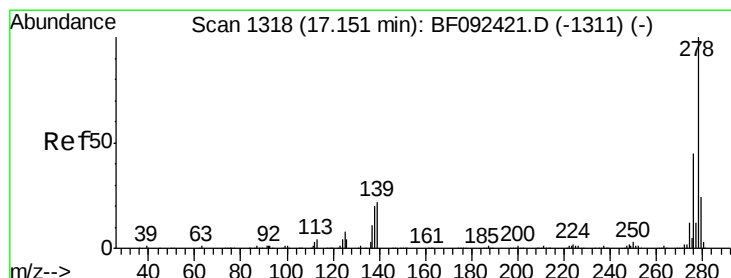
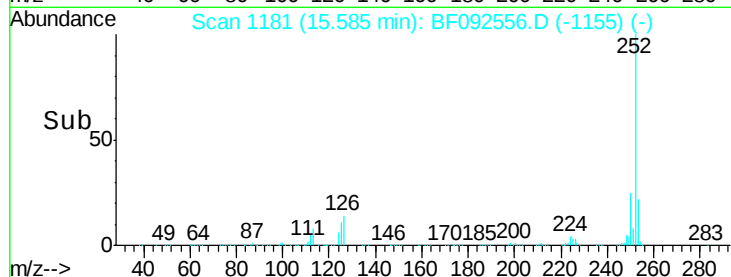
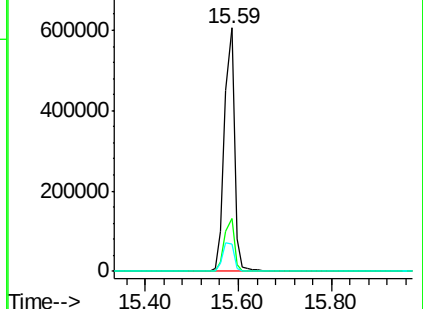
125 11.0 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 44.09 ng

RT: 17.16 min Scan# 1319

Delta R.T. 0.01 min

Lab File: BF092556.D

Acq: 27 Jan 2017 5:37

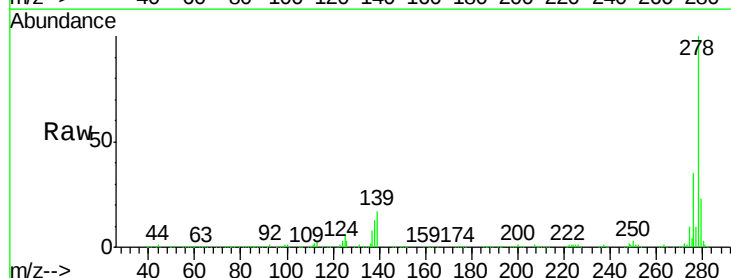
Tgt Ion:278 Resp: 769238

Ion Ratio Lower Upper

278 100

139 16.8 14.8 22.2

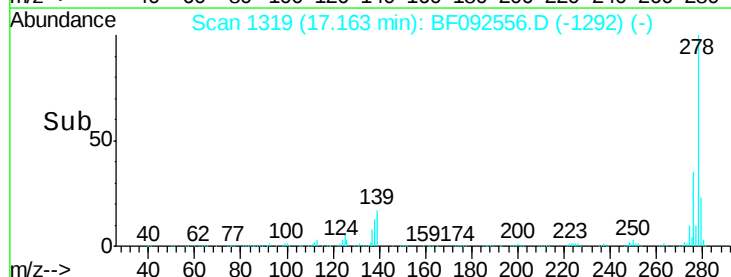
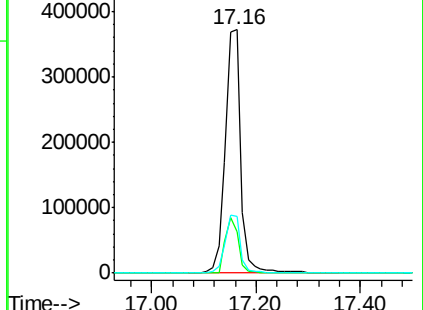
279 23.2 19.8 29.6

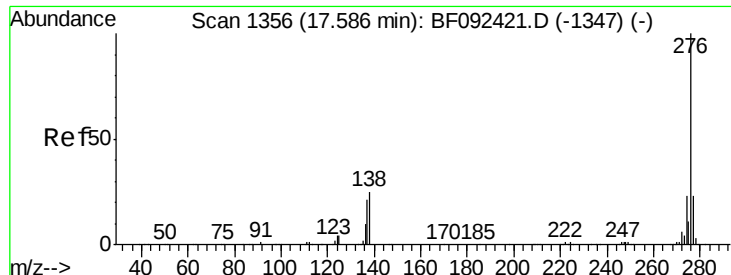


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 43.49 ng

RT: 17.59 min Scan# 1356

Delta R.T. -0.00 min

Lab File: BF092556.D

Acq: 27 Jan 2017 5:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

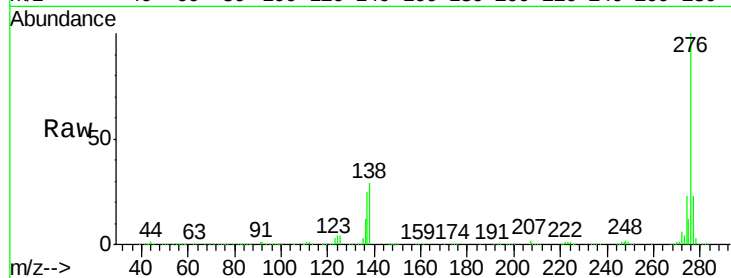
Tgt Ion: 276 Resp: 767298

Ion Ratio Lower Upper

276 100

277 23.1 19.2 28.8

138 28.9 16.0 24.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

