

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
 Data File : BF092584.D
 Acq On : 27 Jan 2017 19:09
 Operator : SJ/MA
 Sample : PB96383BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96383BS

Quant Time: Jan 27 22:13:36 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	173213	20.00	ng	0.01
21) Naphthalene-d8	8.27	136	713766	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	405247	20.00	ng	0.01
63) Phenanthrene-d10	11.53	188	661393	20.00	ng	0.00
75) Chrysene-d12	14.18	240	524249	20.00	ng	0.01
86) Perylene-d12	15.65	264	458700	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	1375795	123.58	ng	0.06
7) Phenol-d6	6.64	99	1759121	124.05	ng	0.05
23) Nitrobenzene-d5	7.55	82	1145286	87.65	ng	0.01
41) 2,4,6-Tribromophenol	10.84	330	403584	146.14	ng	0.02
44) 2-Fluorobiphenyl	9.36	172	1865536	85.13	ng	0.00
78) Terphenyl-d14	13.12	244	1614264	81.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	191068	32.27	ng	# 84
3) Pyridine	3.47	79	568509	33.73	ng	# 79
4) n-Nitrosodimethylamine	3.44	42	288948	34.94	ng	83
6) Aniline	6.64	93	254623	12.04	ng	# 81
8) 2-Chlorophenol	6.77	128	487355	41.68	ng	88
9) Benzaldehyde	6.52	77	232643	23.12	ng	98
10) Phenol	6.65	94	631314	36.88	ng	# 70
11) bis(2-Chloroethyl)ether	6.72	93	510701	39.88	ng	98
12) 1,3-Dichlorobenzene	6.91	146	519933m	37.60	ng	
13) 1,4-Dichlorobenzene	6.99	146	534382	38.39	ng	98
14) 1,2-Dichlorobenzene	7.15	146	524025	39.68	ng	97
15) Benzyl Alcohol	7.13	79	435416	40.74	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.25	45	824414	32.54	ng	63
17) 2-Methylphenol	7.25	107	420794	42.11	ng	# 91
18) Hexachloroethane	7.49	117	190225	39.67	ng	92
19) n-Nitroso-di-n-propylamine	7.39	70	355943	36.86	ng	91
20) 3+4-Methylphenols	7.40	107	549262	45.31	ng	# 74
22) Acetophenone	7.39	105	723935	42.58	ng	# 98
24) Nitrobenzene	7.56	77	507839	37.10	ng	100
25) Isophorone	7.80	82	989473	38.43	ng	95
26) 2-Nitrophenol	7.88	139	268779	46.86	ng	96
27) 2,4-Dimethylphenol	7.93	122	469904	39.39	ng	98
28) bis(2-Chloroethoxy)methane	8.02	93	682948	40.41	ng	99
29) 2,4-Dichlorophenol	8.13	162	456472	44.13	ng	92
30) 1,2,4-Trichlorobenzene	8.21	180	463916	41.50	ng	99
31) Naphthalene	8.29	128	1454208	39.81	ng	99
32) Benzoic acid	8.06	122	323143	37.39	ng	98
33) 4-Chloroaniline	8.34	127	102290	6.62	ng	96
34) Hexachlorobutadiene	8.41	225	245172	40.10	ng	98
35) Caprolactam	8.73	113	147421m	42.68	ng	
36) 4-Chloro-3-methylphenol	8.84	107	481056	43.13	ng	96
37) 2-Methylnaphthalene	8.99	142	1004034	43.41	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	447186	43.75	ng	99
40) Hexachlorocyclopentadiene	9.14	237	381750	74.57	ng	96

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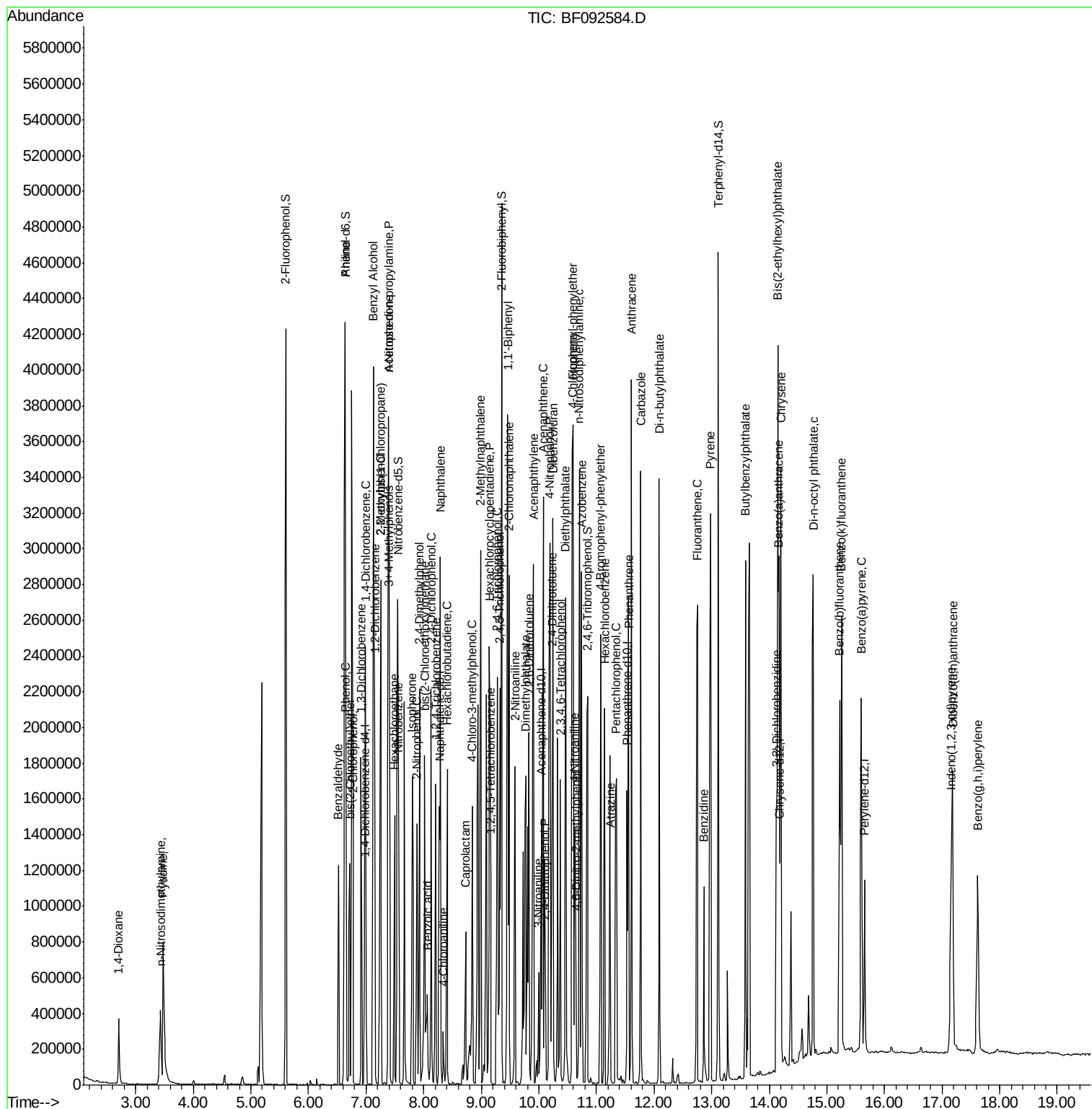
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	337662	43.11	ng	92
43) 2,4,5-Trichlorophenol	9.32	196	320745	44.76	ng	92
45) 1,1'-Biphenyl	9.46	154	1290048	44.04	ng	98
46) 2-Chloronaphthalene	9.48	162	912801	38.15	ng	97
47) 2-Nitroaniline	9.58	65	337835	41.93	ng	97
48) Acenaphthylene	9.90	152	1584176	45.14	ng	99
49) Dimethylphthalate	9.77	163	1218628	47.29	ng	99
50) 2,6-Dinitrotoluene	9.82	165	244173	46.36	ng	# 83
51) Acenaphthene	10.08	154	1034850	47.46	ng	95
52) 3-Nitroaniline	10.00	138	96456	14.62	ng	94
53) 2,4-Dinitrophenol	10.11	184	228432	70.56	ng	92
54) Dibenzofuran	10.25	168	1320421	44.59	ng	96
55) 4-Nitrophenol	10.19	139	425524	81.22	ng	# 74
56) 2,4-Dinitrotoluene	10.24	165	380212	54.38	ng	# 78
57) Fluorene	10.59	166	983677	44.80	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.37	232	274900	51.20	ng	95
59) Diethylphthalate	10.46	149	1104058	44.68	ng	98
60) 4-Chlorophenyl-phenylether	10.58	204	456421	42.86	ng	90
61) 4-Nitroaniline	10.62	138	285039	43.20	ng	92
62) Azobenzene	10.74	77	1204647	42.84	ng	96
64) 4,6-Dinitro-2-methylphenol	10.65	198	172214	48.29	ng	90
65) n-Nitrosodiphenylamine	10.70	169	930689	45.06	ng	100
66) 4-Bromophenyl-phenylether	11.07	248	274888	41.16	ng	98
67) Hexachlorobenzene	11.14	284	294334	43.60	ng	96
68) Atrazine	11.24	200	317528	44.91	ng	91
69) Pentachlorophenol	11.34	266	311685	72.22	ng	97
70) Phenanthrene	11.56	178	1577630	43.31	ng	97
71) Anthracene	11.61	178	1543082	43.35	ng	99
72) Carbazole	11.77	167	1428171	42.02	ng	99
73) Di-n-butylphthalate	12.09	149	1685996	43.38	ng	98
74) Fluoranthene	12.75	202	1676928	47.07	ng	91
76) Benzidine	12.87	184	415835	21.37	ng	96
77) Pyrene	12.98	202	1681620	44.27	ng	99
79) Butylbenzylphthalate	13.59	149	710321	46.16	ng	99
80) Benzo(a)anthracene	14.16	228	1359569	48.25	ng	99
81) 3,3'-Dichlorobenzidine	14.12	252	292482	27.34	ng	97
82) Chrysene	14.20	228	1282102	42.61	ng	99
83) Bis(2-ethylhexyl)phthalate	14.15	149	1017309	52.49	ng	# 96
84) Di-n-octyl phthalate	14.76	149	1809277	51.42	ng	99
85) Indeno(1,2,3-cd)pyrene	17.16	276	1071107	48.11	ng	95
87) Benzo(b)fluoranthene	15.22	252	1450835m	49.27	ng	
88) Benzo(k)fluoranthene	15.25	252	850116m	34.72	ng	
89) Benzo(a)pyrene	15.60	252	1105253	44.37	ng	98
90) Dibenzo(a,h)anthracene	17.19	278	888152	44.09	ng	99
91) Benzo(g,h,i)perylene	17.62	276	903128	44.33	ng	# 91

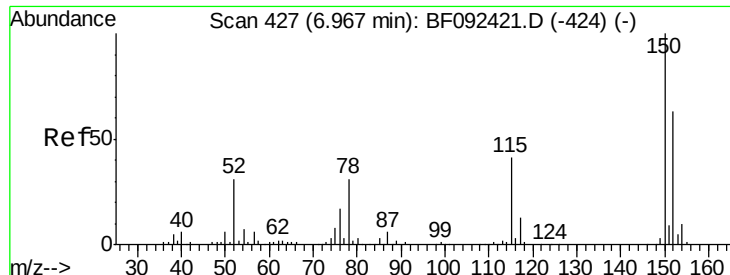
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.98 min Scan# 428

Delta R.T. 0.01 min

Lab File: BF092584.D

Acq: 27 Jan 2017 19:09

Instrument :

BNA_F

ClientSampleId :

PB96383BS

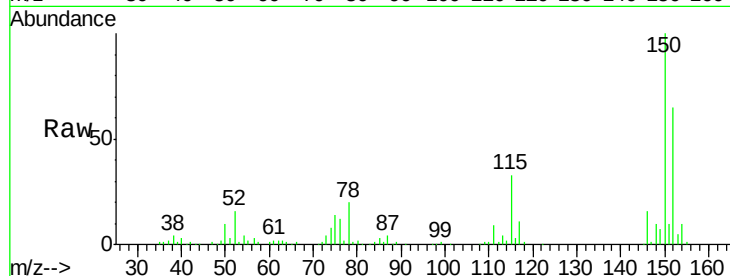
Tgt Ion:152 Resp: 173213

Ion Ratio Lower Upper

152 100

150 153.3 124.9 187.3

115 50.3 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

300000

250000

200000

150000

100000

50000

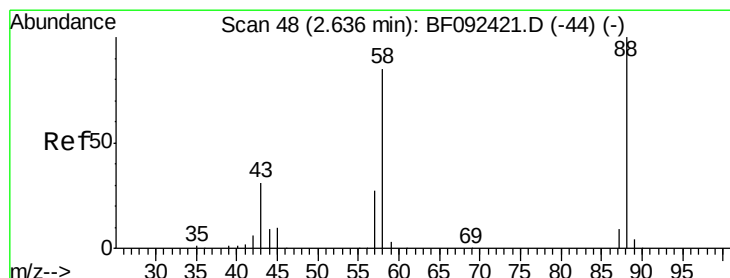
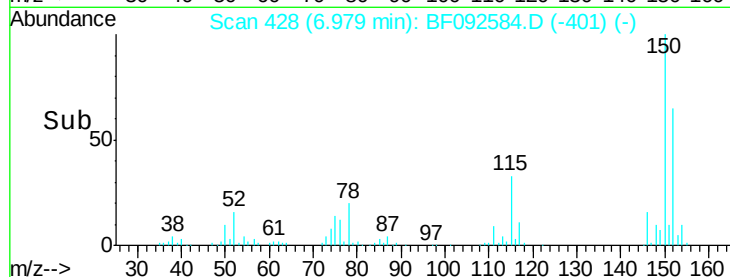
0

6.98

6.95

6.90

Time-->



#2

1,4-Dioxane

Concen: 32.27 ng

RT: 2.70 min Scan# 54

Delta R.T. 0.07 min

Lab File: BF092584.D

Acq: 27 Jan 2017 19:09

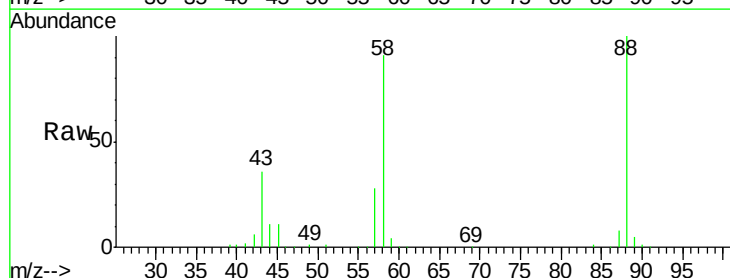
Tgt Ion: 88 Resp: 191068

Ion Ratio Lower Upper

88 100

58 87.7 57.8 86.8#

43 33.5 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

150000

100000

50000

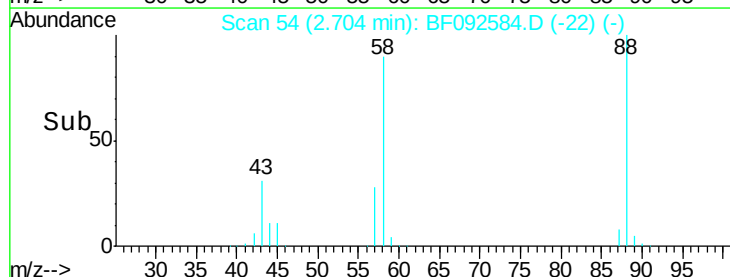
0

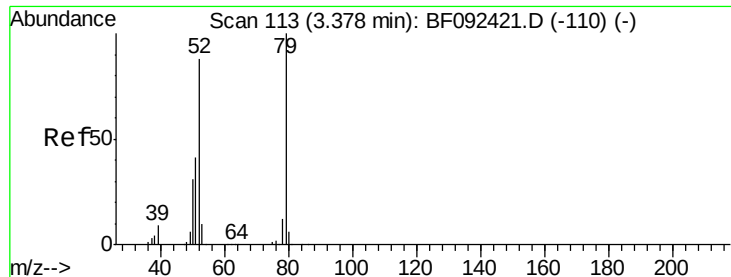
2.70

2.70

2.80

Time-->





#3

Pyridine

Concen: 33.73 ng

RT: 3.47 min Scan# 121

Delta R.T. 0.09 min

Lab File: BF092584.D

Acq: 27 Jan 2017 19:09

Instrument :

BNA_F

ClientSampleId :

PB96383BS

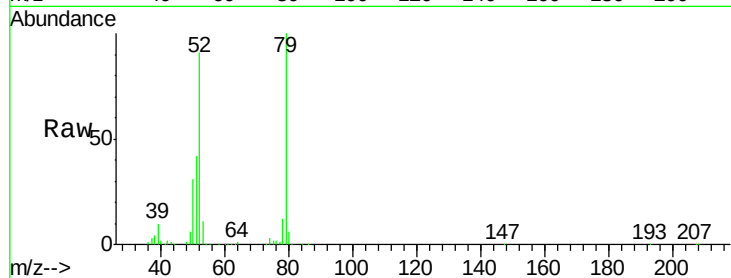
Tgt Ion: 79 Resp: 568509

Ion Ratio Lower Upper

79 100

52 91.2 57.1 85.7#

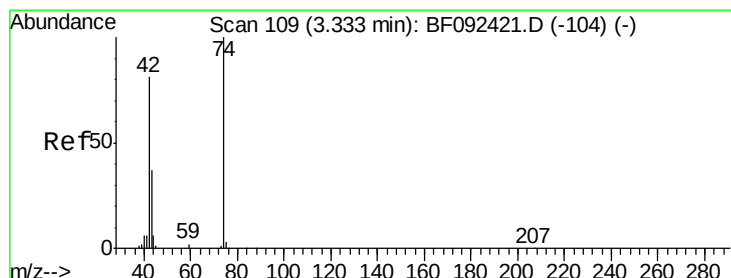
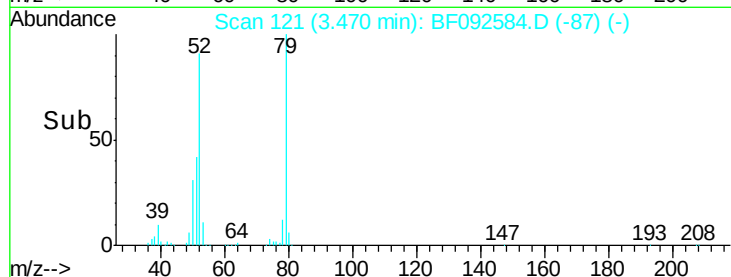
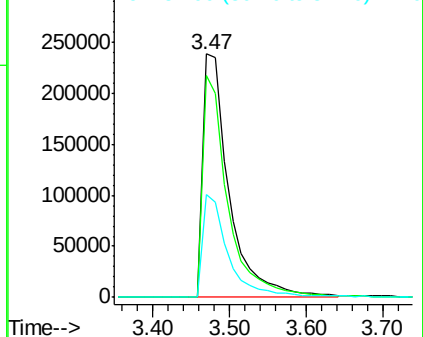
51 42.4 27.3 40.9#



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: 34.94 ng

RT: 3.44 min Scan# 118

Delta R.T. 0.10 min

Lab File: BF092584.D

Acq: 27 Jan 2017 19:09

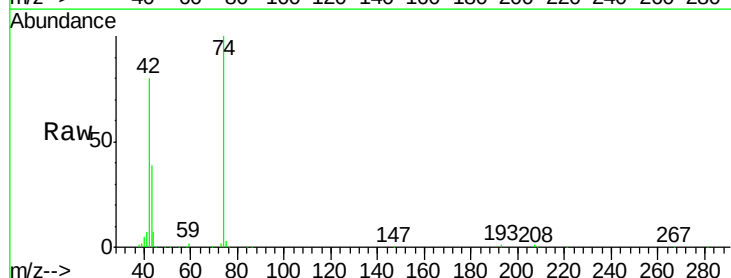
Tgt Ion: 42 Resp: 288948

Ion Ratio Lower Upper

42 100

74 124.6 117.0 175.4

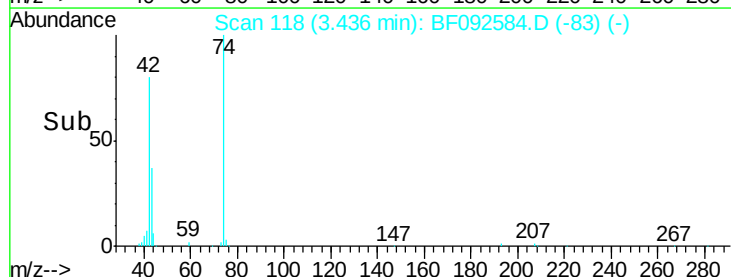
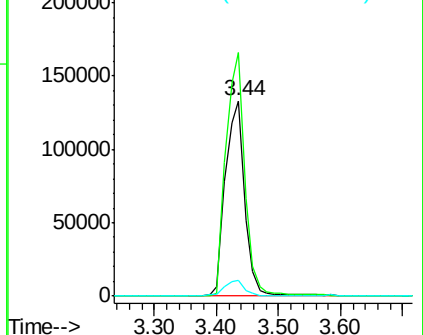
44 8.2 5.5 8.3

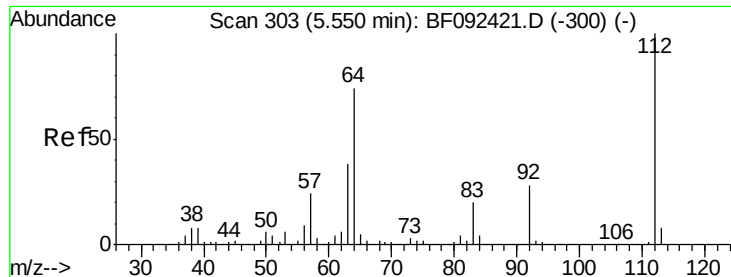


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 123.58 ng

RT: 5.61 min Scan# 308

Delta R.T. 0.06 min

Lab File: BF092584.D

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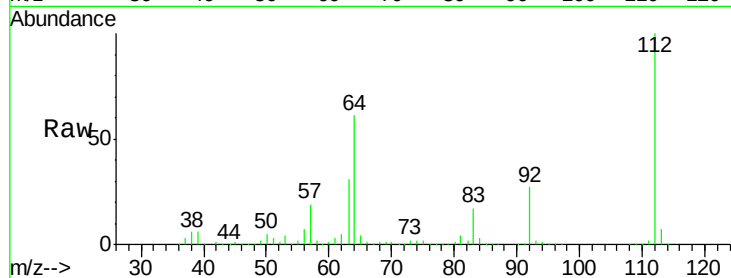
Tgt Ion: 112 Resp: 1375795

Ion Ratio Lower Upper

112 100

64 61.1 46.1 69.1

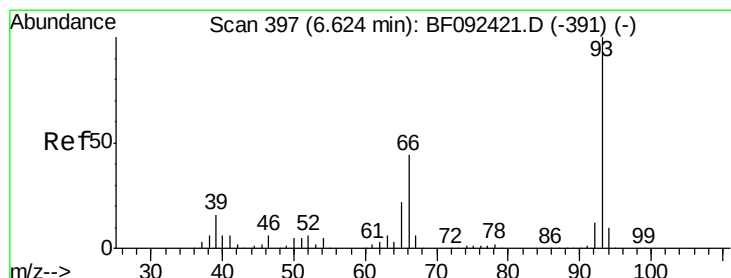
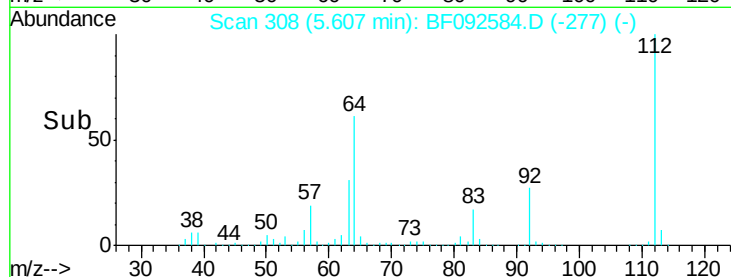
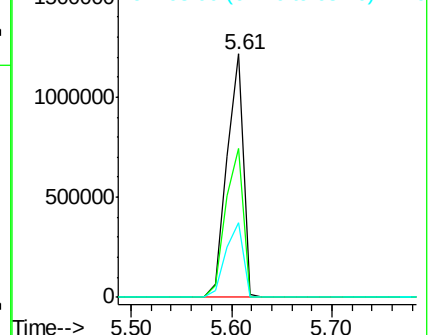
63 30.8 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 12.04 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.01 min

Lab File: BF092584.D

Acq: 27 Jan 2017 19:09

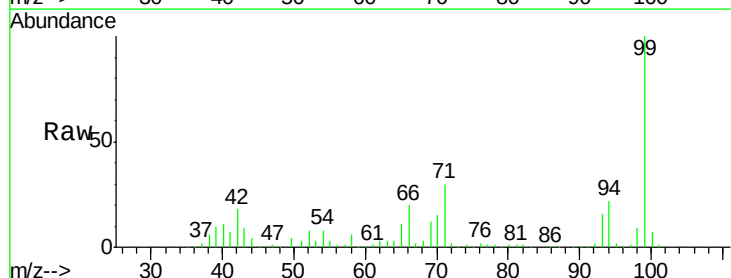
Tgt Ion: 93 Resp: 254623

Ion Ratio Lower Upper

93 100

66 121.8 76.2 114.2#

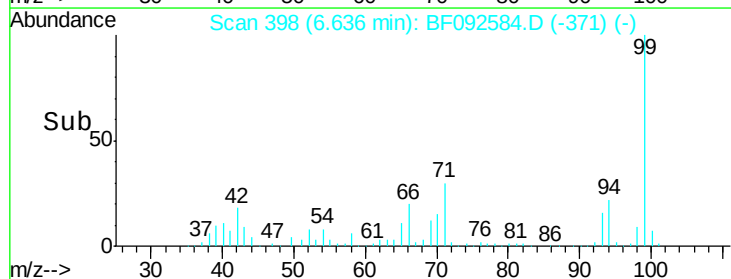
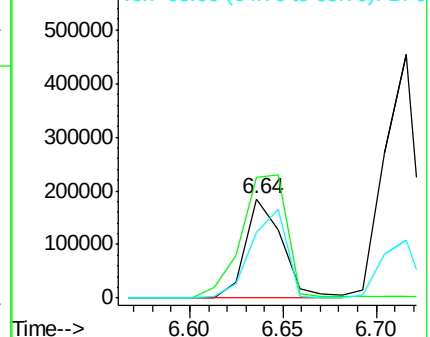
65 66.5 49.3 73.9

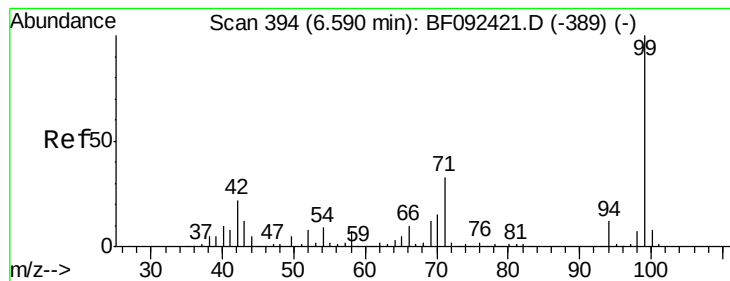


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 124.05 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.05 min

Lab File: BF092584.D

Acq: 27 Jan 2017 19:09

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PB96383BS

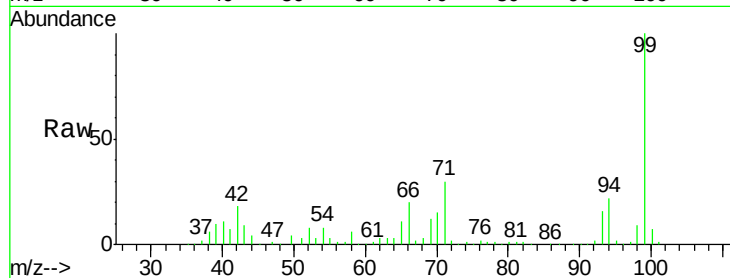
Tgt Ion: 99 Resp: 1759121

Ion Ratio Lower Upper

99 100

42 17.9 15.6 23.4

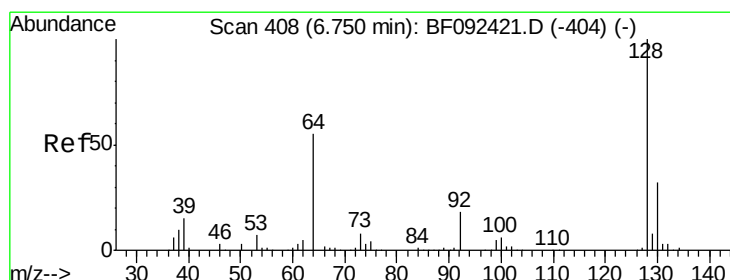
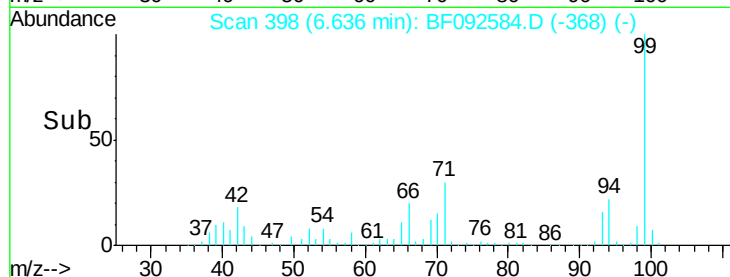
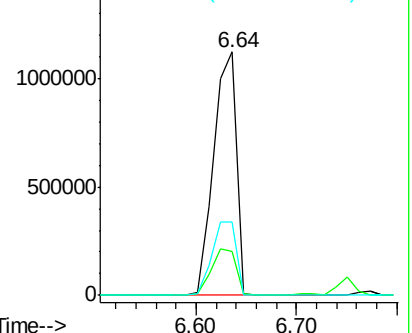
71 30.3 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.68 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.02 min

Lab File: BF092584.D

Acq: 27 Jan 2017 19:09

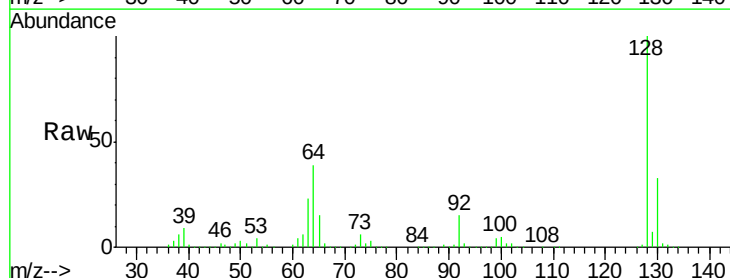
Tgt Ion: 128 Resp: 487355

Ion Ratio Lower Upper

128 100

130 33.2 12.3 52.3

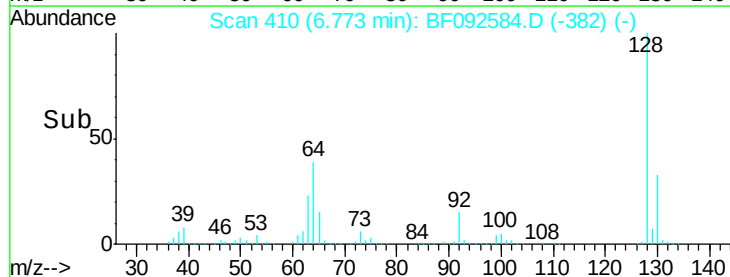
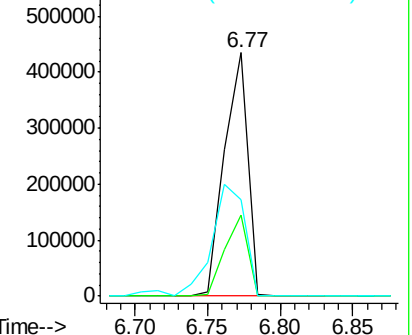
64 39.4 32.2 72.2

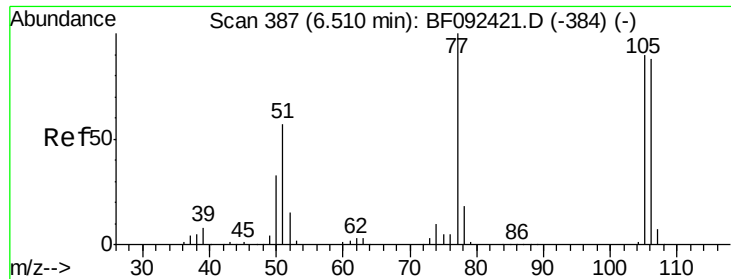


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 23.12 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.01 min

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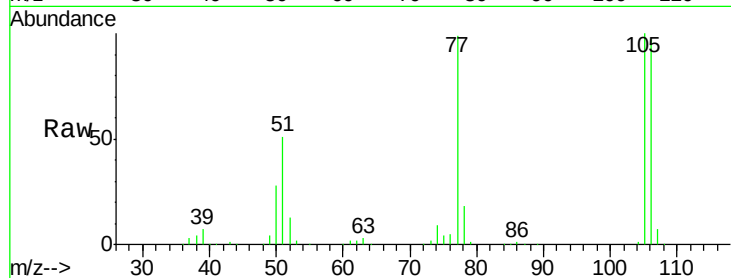
Tgt Ion: 77 Resp: 232643

Ion Ratio Lower Upper

77 100

105 100.5 83.9 123.9

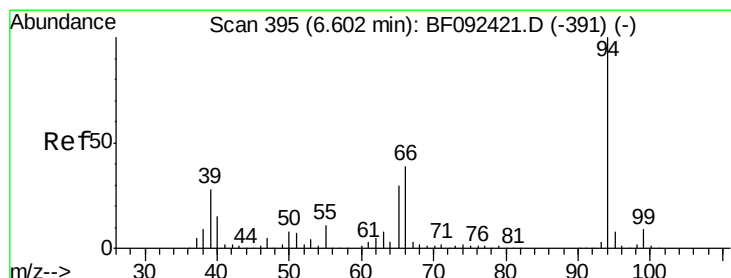
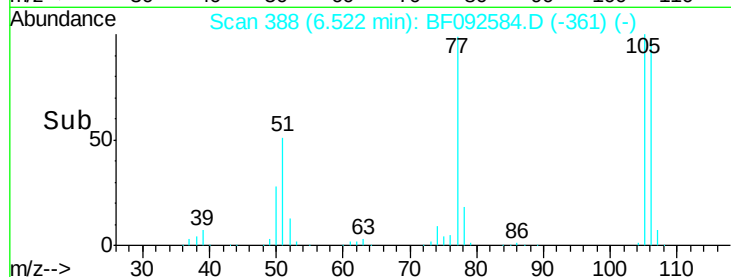
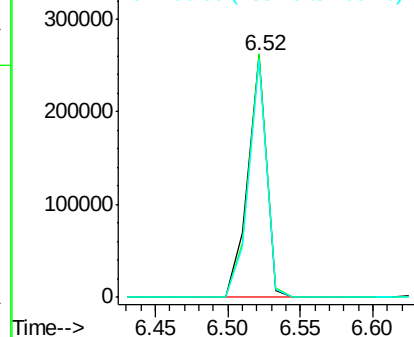
106 97.8 77.6 117.6



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: 36.88 ng

RT: 6.65 min Scan# 399

Delta R.T. 0.05 min

Lab File: BF092584.D

Acq: 27 Jan 2017 19:09

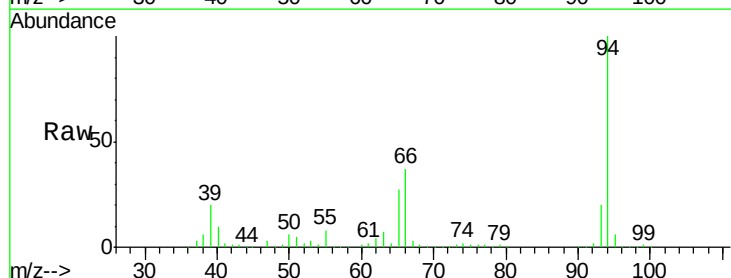
Tgt Ion: 94 Resp: 631314

Ion Ratio Lower Upper

94 100

65 26.7 21.4 61.4

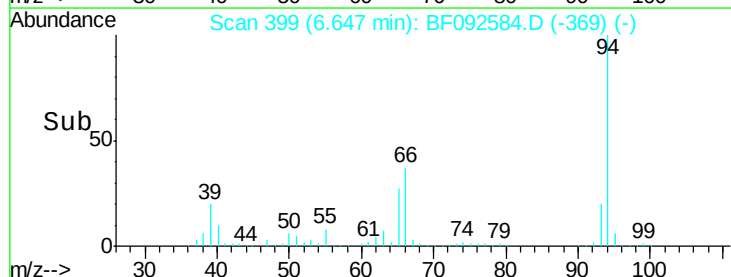
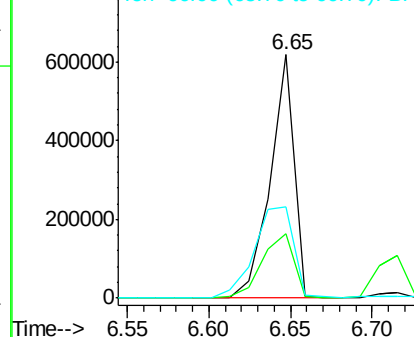
66 37.3 44.0 84.0#

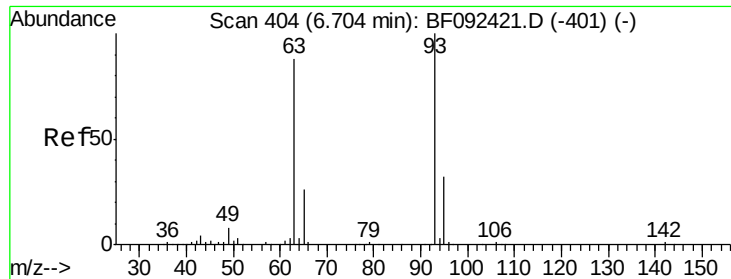


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.88 ng

RT: 6.72 min Scan# 405

Delta R.T. 0.01 min

Lab File: BF092584.D

Acq: 27 Jan 2017 19:09

Instrument :

BNA_F

ClientSampleId :

PB96383BS

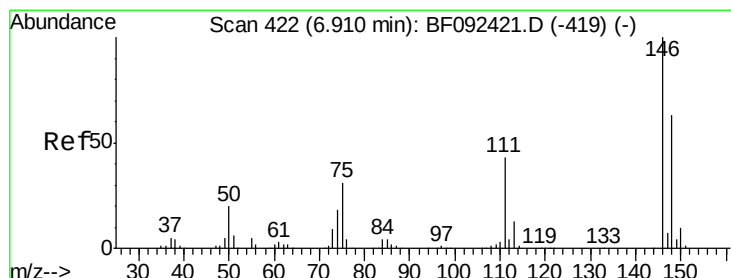
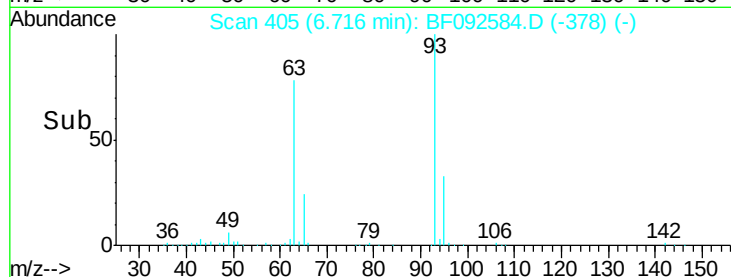
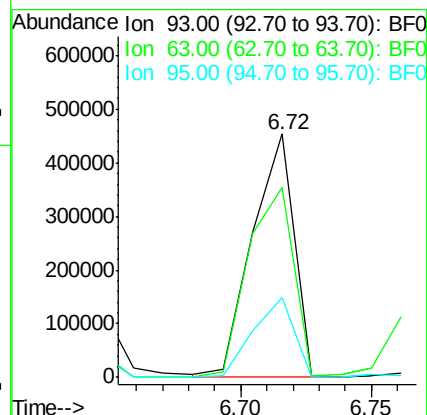
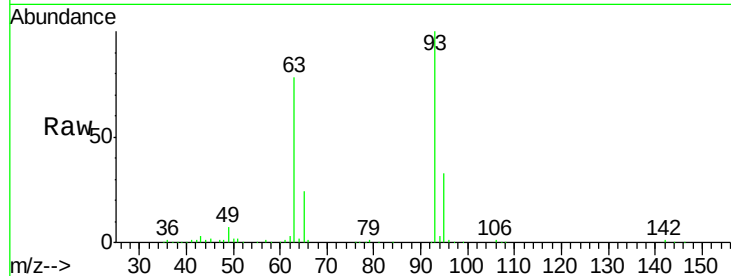
Tgt Ion: 93 Resp: 510701

Ion Ratio Lower Upper

93 100

63 77.8 60.4 100.4

95 32.9 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 37.60 ng m

RT: 6.91 min Scan# 422

Delta R.T. -0.00 min

Lab File: BF092584.D

Acq: 27 Jan 2017 19:09

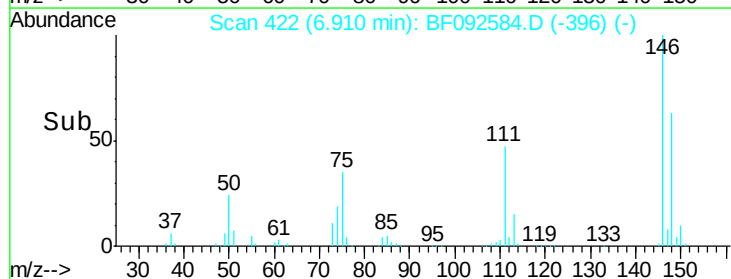
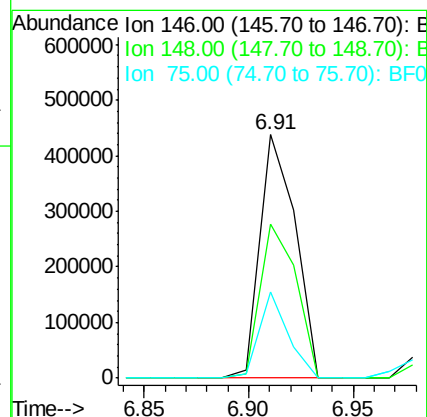
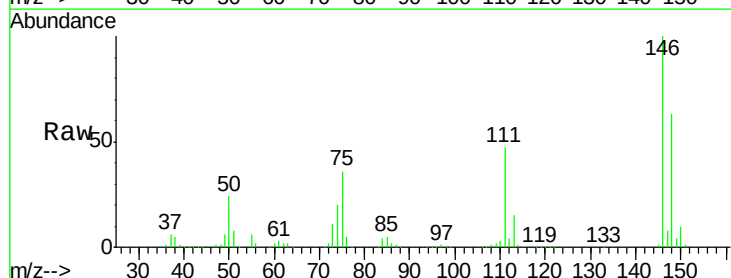
Tgt Ion: 146 Resp: 519933

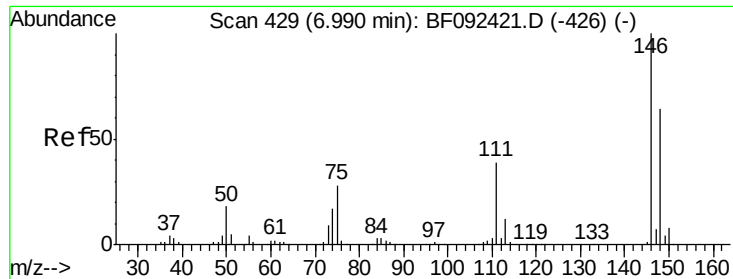
Ion Ratio Lower Upper

146 100

148 63.0 53.4 80.0

75 35.5 18.5 27.7#

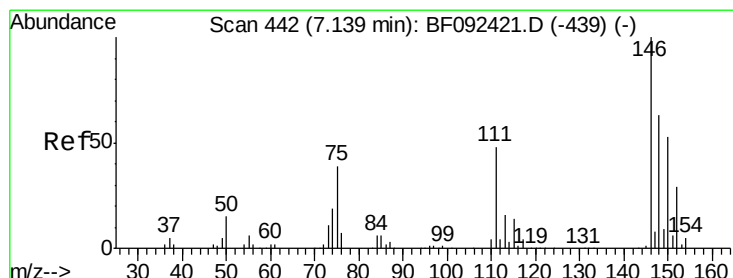
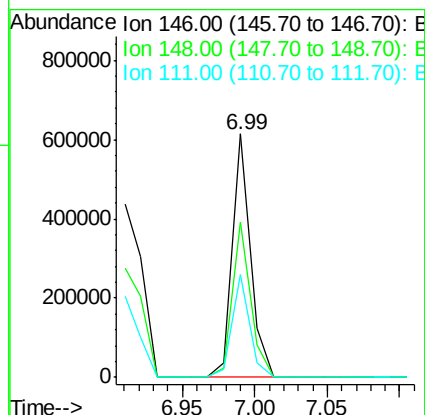
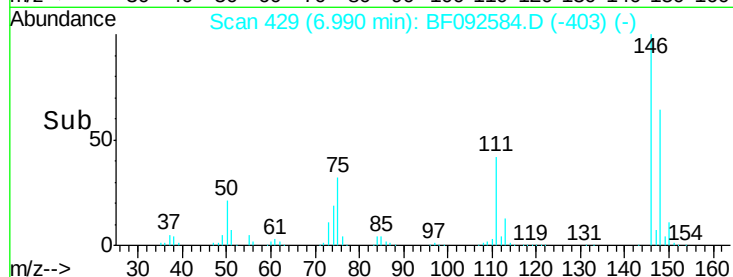
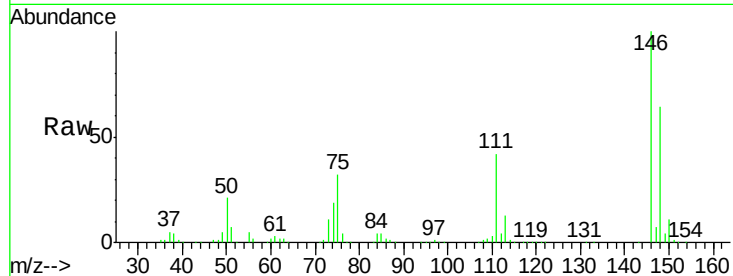




#13
 1,4-Dichlorobenzene
 Concen: 38.39 ng
 RT: 6.99 min Scan# 429
 Delta R.T. -0.00 min
 Lab File: BF092584.D
 Acq: 27 Jan 2017 19:09

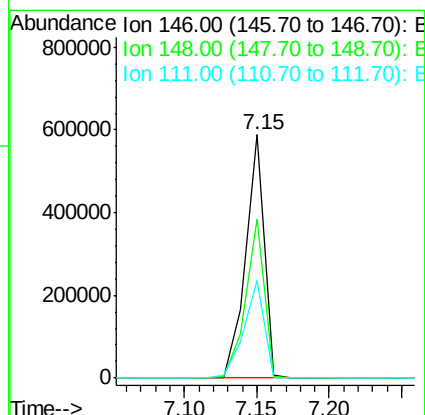
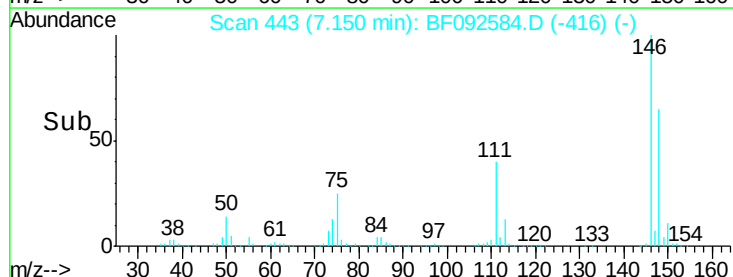
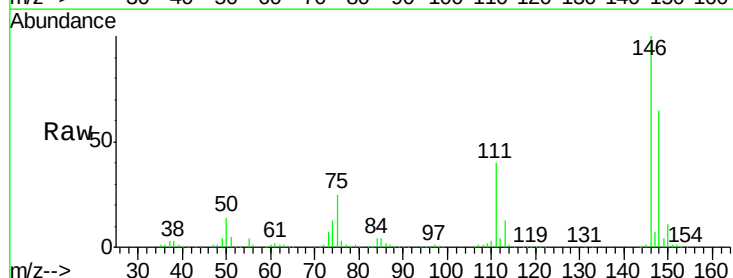
Instrument :
 BNA_F
 ClientSampleId :
 PB96383BS

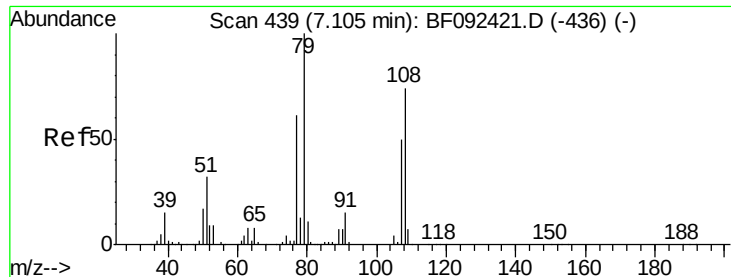
Tgt Ion:146 Resp: 534382
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.6 76.0
 111 42.4 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 39.68 ng
 RT: 7.15 min Scan# 443
 Delta R.T. 0.01 min
 Lab File: BF092584.D
 Acq: 27 Jan 2017 19:09

Tgt Ion:146 Resp: 524025
 Ion Ratio Lower Upper
 146 100
 148 65.2 52.2 78.2
 111 40.1 36.2 54.2





#15

Benzyl Alcohol

Concen: 40.74 ng

RT: 7.13 min Scan# 441

Delta R.T. 0.02 min

Lab File: BF092584.D

Acq: 27 Jan 2017 19:09

Instrument :

BNA_F

ClientSampleId :

PB96383BS

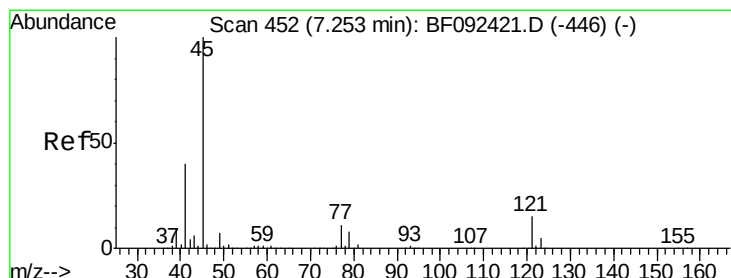
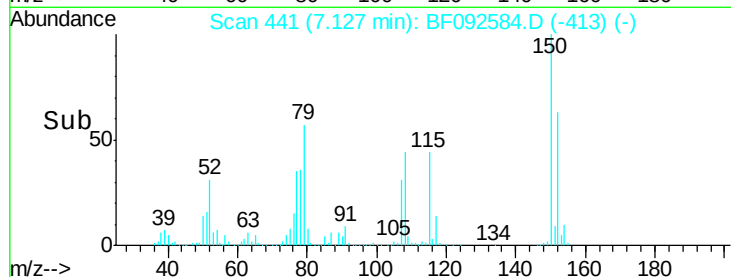
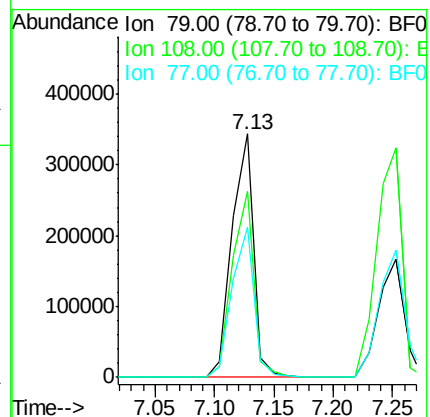
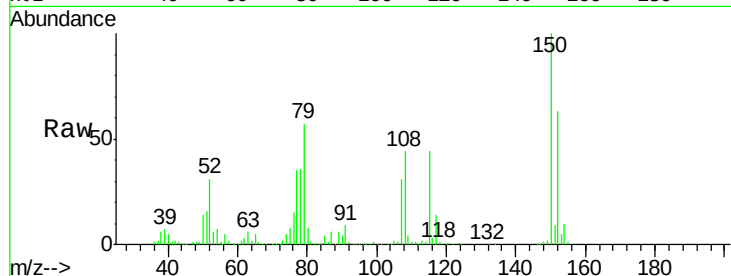
Tgt Ion: 79 Resp: 435416

Ion Ratio Lower Upper

79 100

108 76.6 61.4 92.0

77 61.7 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.54 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF092584.D

Acq: 27 Jan 2017 19:09

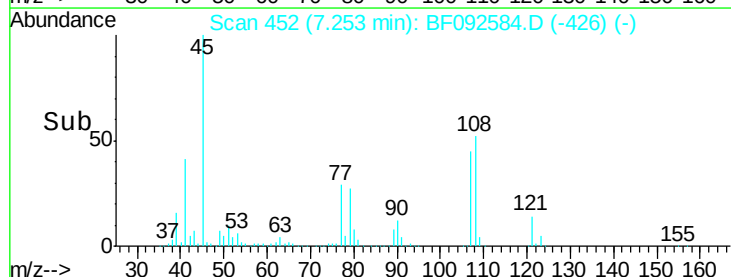
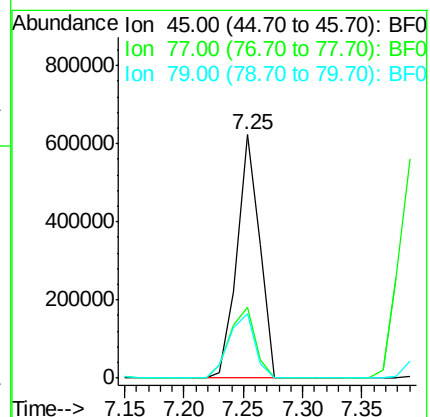
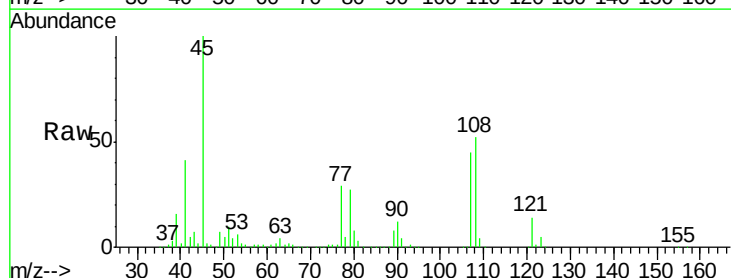
Tgt Ion: 45 Resp: 824414

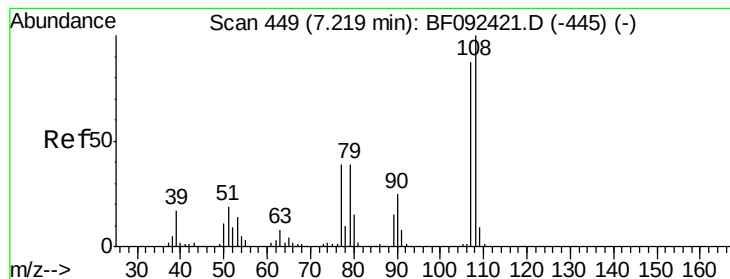
Ion Ratio Lower Upper

45 100

77 28.8 0.0 34.6

79 26.7 0.0 31.2

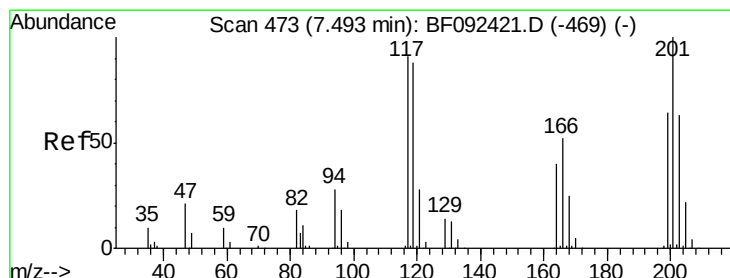
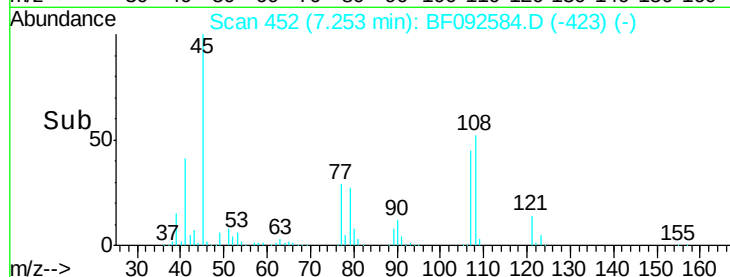
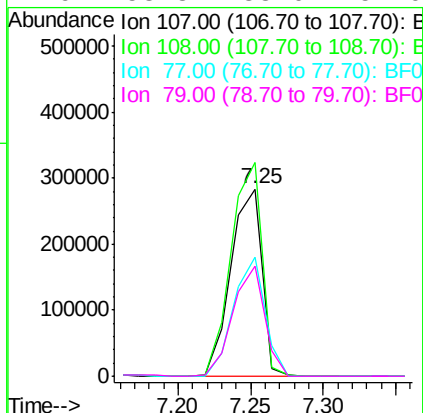
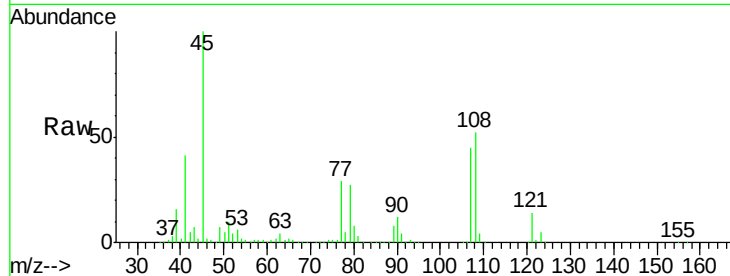




#17
2-Methylphenol
Concen: 42.11 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.03 min
Lab File: BF092584.D
Acq: 27 Jan 2017 19:09

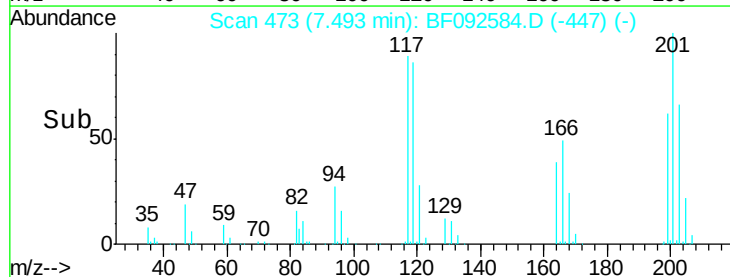
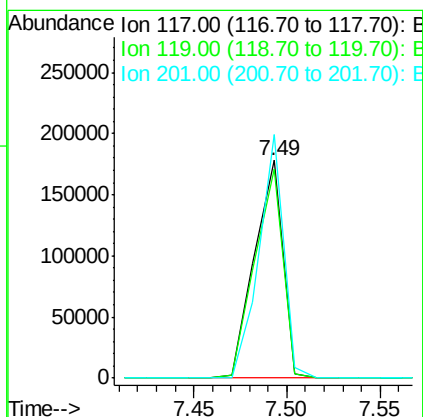
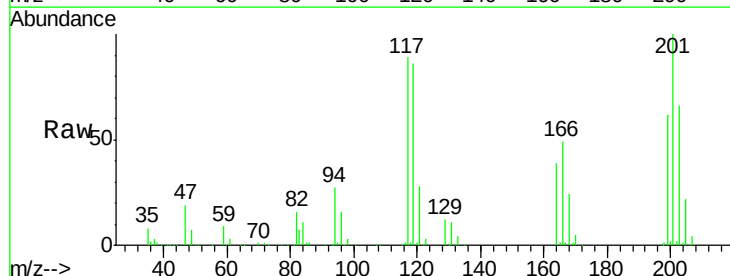
Instrument :
BNA_F
ClientSampleId :
PB96383BS

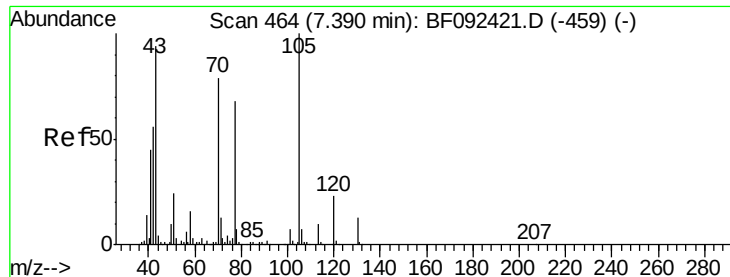
Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.2	93.0	139.6
77	63.4	39.8	59.8
79	58.8	38.0	57.0



#18
Hexachloroethane
Concen: 39.67 ng
RT: 7.49 min Scan# 473
Delta R.T. -0.00 min
Lab File: BF092584.D
Acq: 27 Jan 2017 19:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	78.1	117.1
201	111.9	78.6	117.8

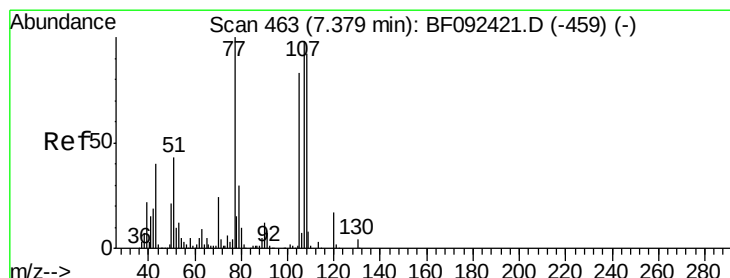
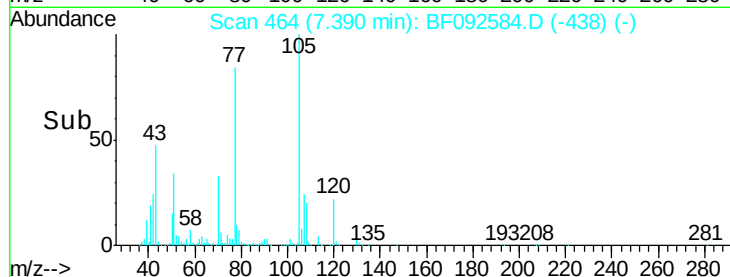
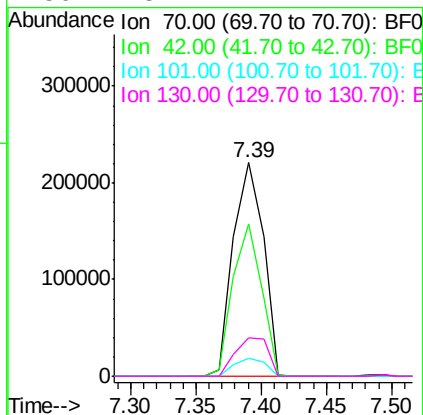
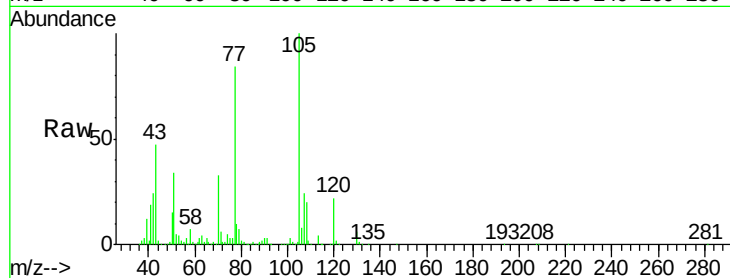




#19
 n-Nitroso-di-n-propylamine
 Concen: 36.86 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.00 min
 Lab File: BF092584.D
 Acq: 27 Jan 2017 19:09

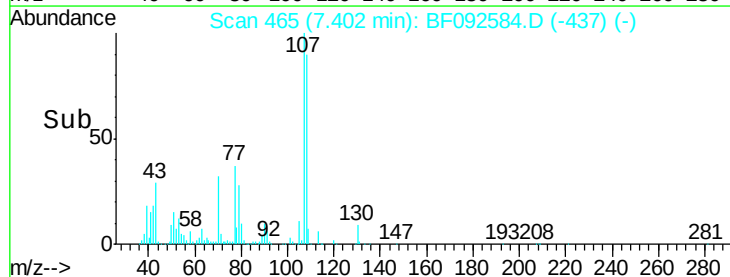
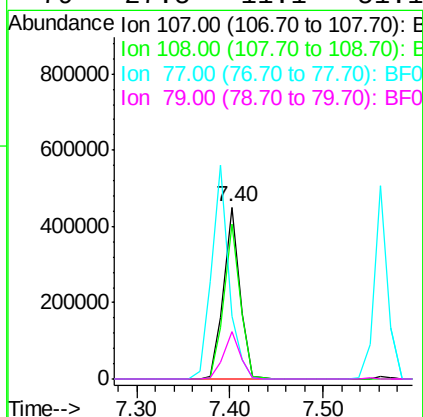
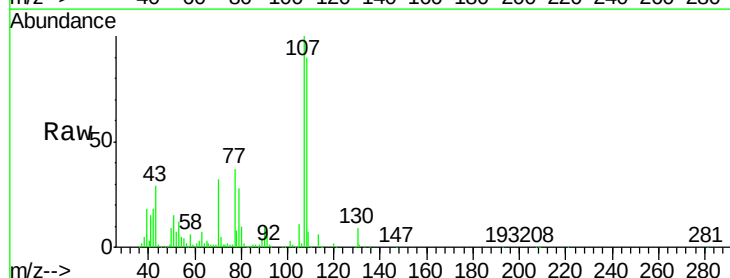
Instrument :
 BNA_F
 ClientSampleId :
 PB96383BS

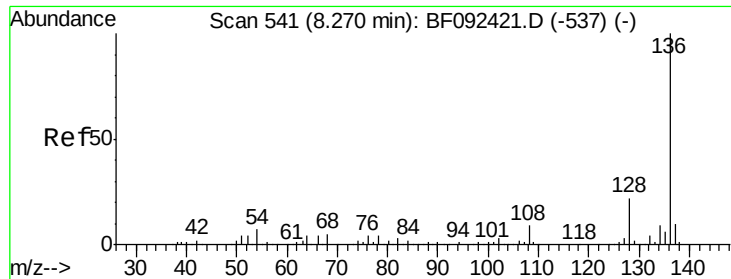
Tgt Ion: 70 Resp: 355943
 Ion Ratio Lower Upper
 70 100
 42 71.5 49.4 74.0
 101 8.6 7.4 11.2
 130 18.1 14.2 21.4



#20
 3+4-Methylphenols
 Concen: 45.31 ng
 RT: 7.40 min Scan# 465
 Delta R.T. 0.02 min
 Lab File: BF092584.D
 Acq: 27 Jan 2017 19:09

Tgt Ion: 107 Resp: 549262
 Ion Ratio Lower Upper
 107 100
 108 90.4 73.0 113.0
 77 36.7 71.3 111.3#
 79 27.5 11.1 51.1

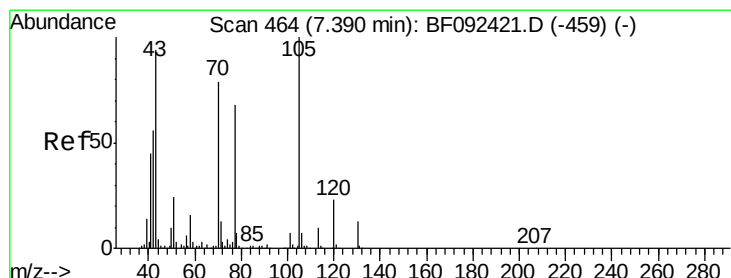
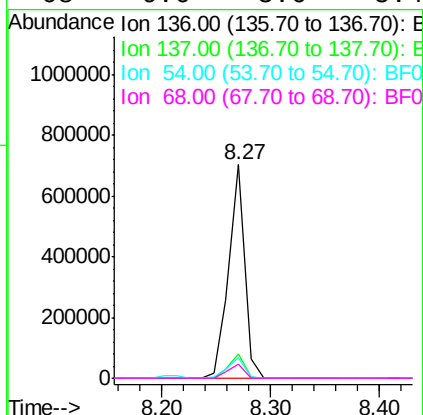
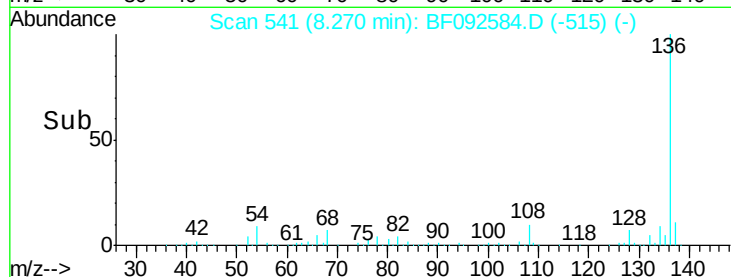
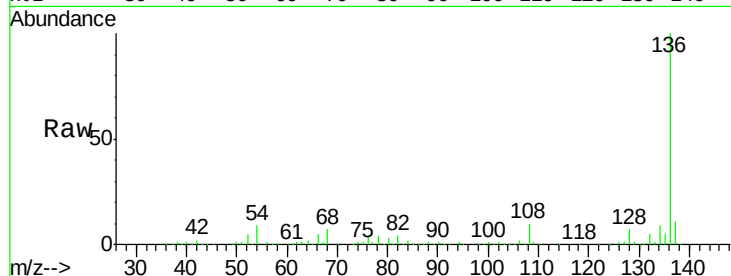




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF092584.D
Acq: 27 Jan 2017 19:09

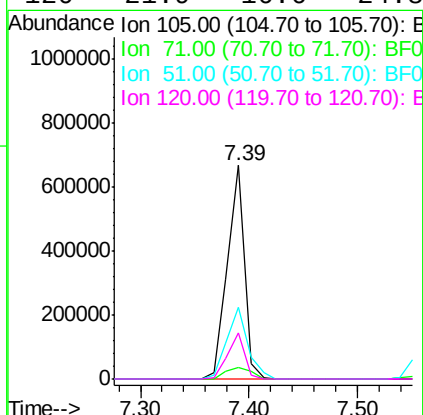
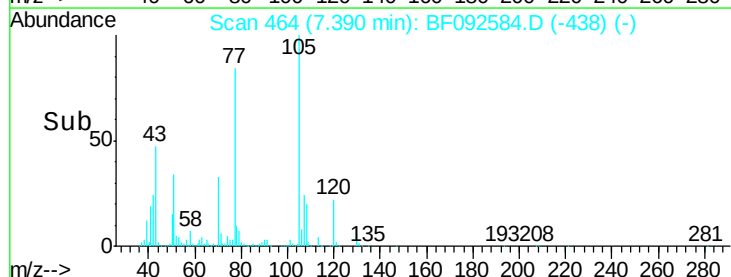
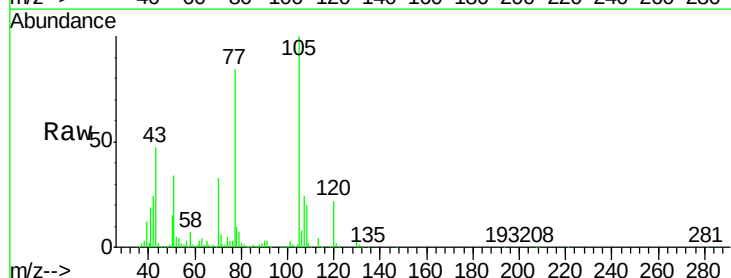
Instrument :
BNA_F
ClientSampleId :
PB96383BS

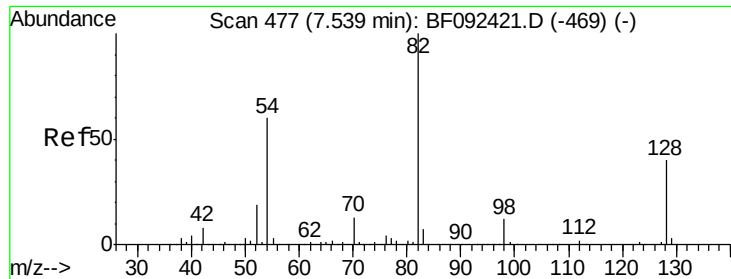
Tgt Ion:	136	Resp:	713766
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.4	12.6
54	9.4	4.5	6.7#
68	6.6	3.6	5.4#



#22
Acetophenone
Concen: 42.58 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF092584.D
Acq: 27 Jan 2017 19:09

Tgt Ion:	105	Resp:	723935
Ion	Ratio	Lower	Upper
105	100		
71	5.5	3.2	4.8#
51	33.8	26.2	39.4
120	21.9	16.6	24.8

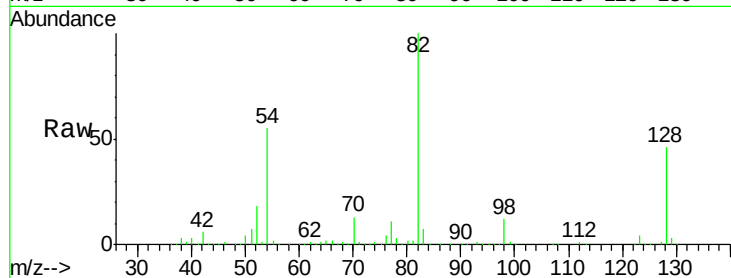




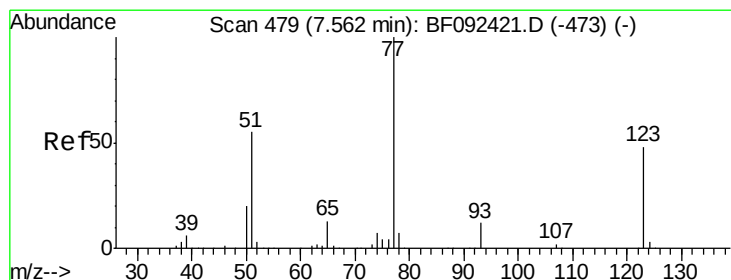
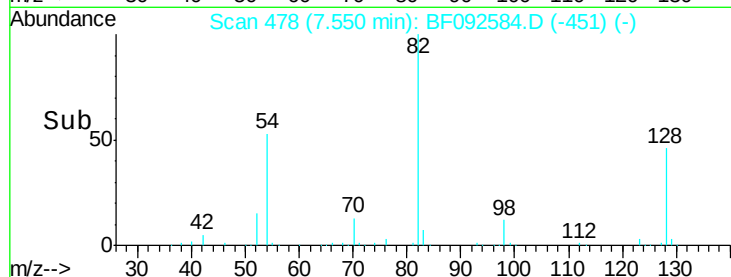
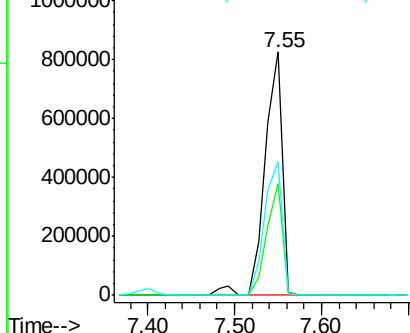
#23
 Nitrobenzene-d5
 Concen: 87.65 ng
 RT: 7.55 min Scan# 478
 Delta R.T. 0.01 min
 Lab File: BF092584.D
 Acq: 27 Jan 2017 19:09

Instrument :
 BNA_F
 ClientSampleId :
 PB96383BS

Tgt Ion: 82 Resp: 1145286
 Ion Ratio Lower Upper
 82 100
 128 45.7 34.6 52.0
 54 54.8 39.5 59.3

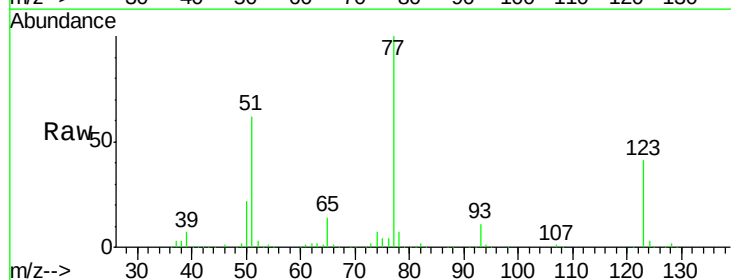


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

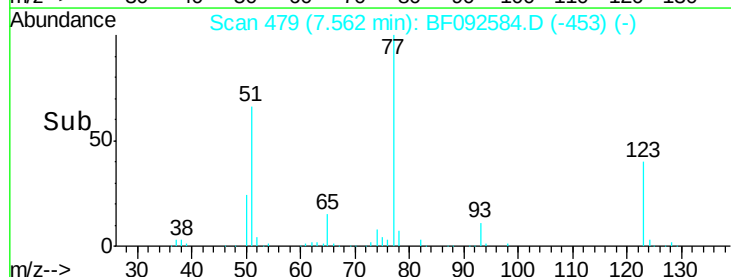
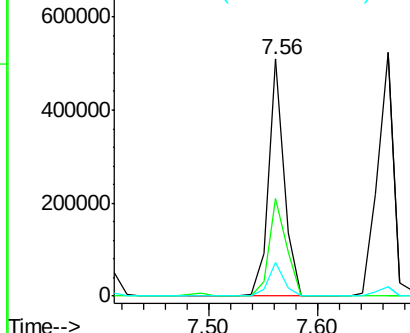


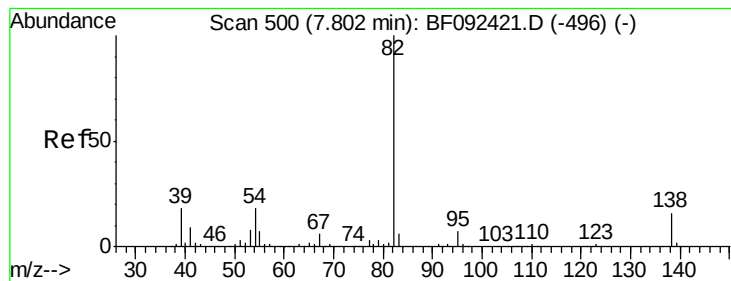
#24
 Nitrobenzene
 Concen: 37.10 ng
 RT: 7.56 min Scan# 479
 Delta R.T. -0.00 min
 Lab File: BF092584.D
 Acq: 27 Jan 2017 19:09

Tgt Ion: 77 Resp: 507839
 Ion Ratio Lower Upper
 77 100
 123 41.5 33.0 49.4
 65 14.2 11.2 16.8



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





#25

Isophorone

Concen: 38.43 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF092584.D

Acq: 27 Jan 2017 19:09

Instrument :

BNA_F

ClientSampleId :

PB96383BS

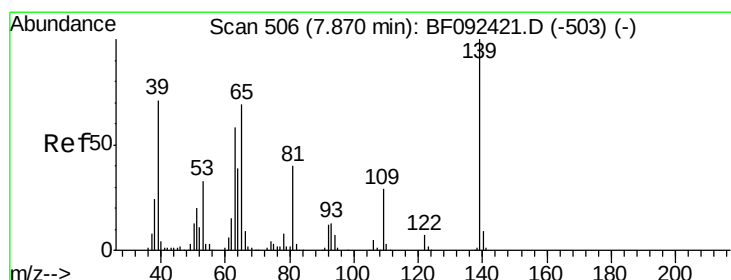
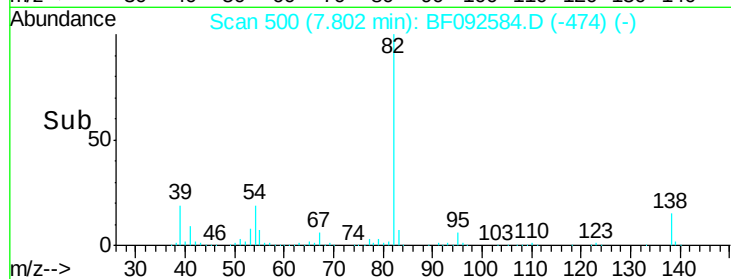
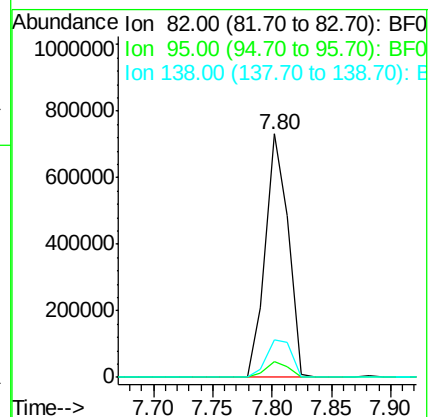
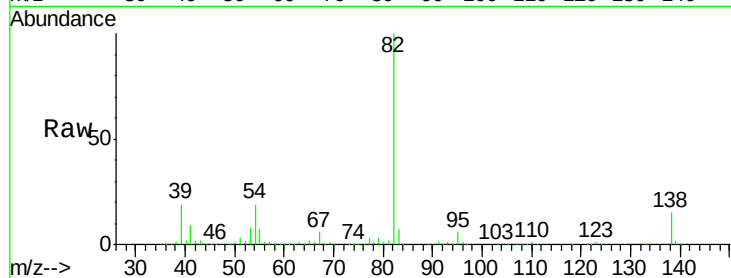
Tgt Ion: 82 Resp: 989473

Ion Ratio Lower Upper

82 100

95 6.4 5.6 8.4

138 15.4 14.6 22.0



#26

2-Nitrophenol

Concen: 46.86 ng

RT: 7.88 min Scan# 507

Delta R.T. 0.01 min

Lab File: BF092584.D

Acq: 27 Jan 2017 19:09

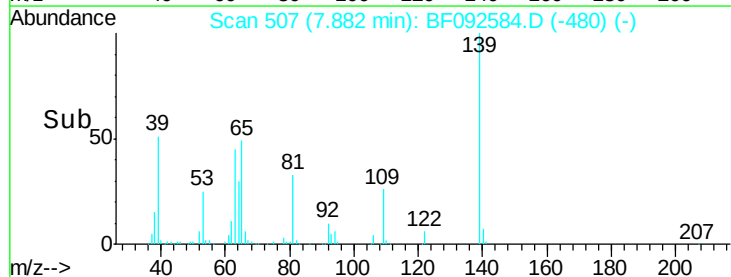
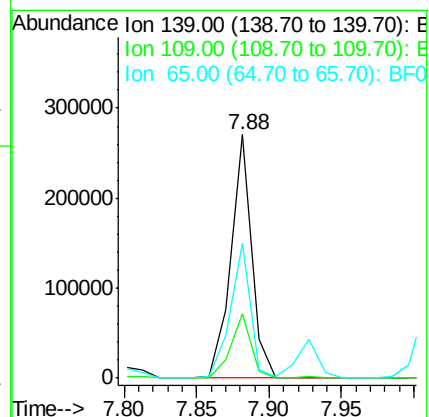
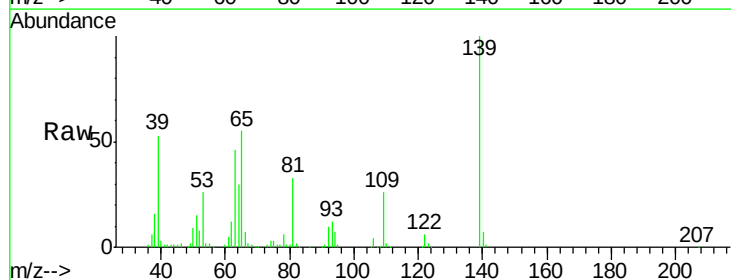
Tgt Ion: 139 Resp: 268779

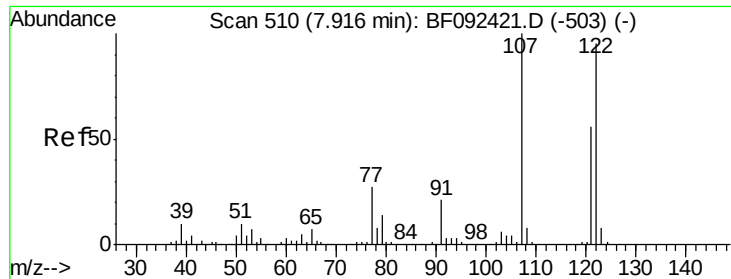
Ion Ratio Lower Upper

139 100

109 26.4 23.3 34.9

65 55.3 42.7 64.1

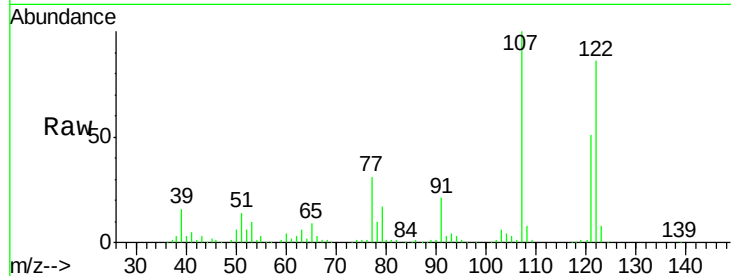




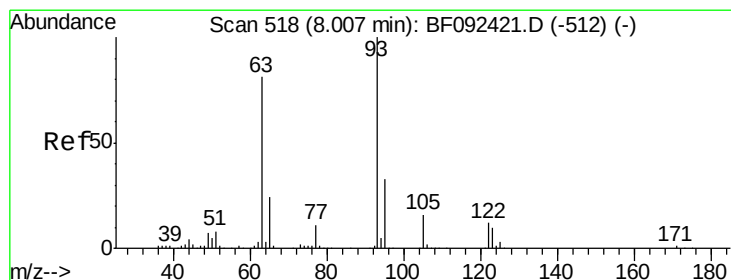
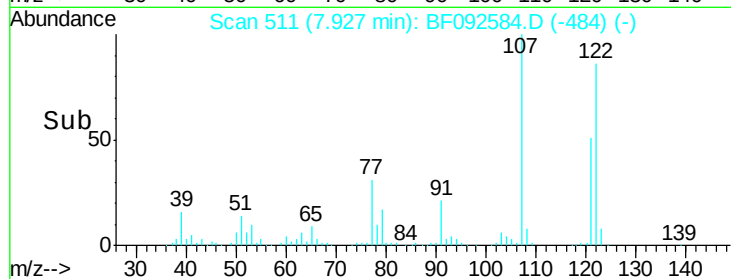
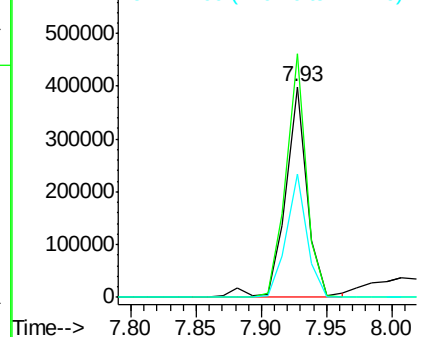
#27
 2,4-Dimethylphenol
 Concen: 39.39 ng
 RT: 7.93 min Scan# 511
 Delta R.T. 0.01 min
 Lab File: BF092584.D
 Acq: 27 Jan 2017 19:09

Instrument :
 BNA_F
 ClientSampleId :
 PB96383BS

Tgt Ion:122 Resp: 469904
 Ion Ratio Lower Upper
 122 100
 107 115.7 94.1 141.1
 121 58.6 46.0 69.0

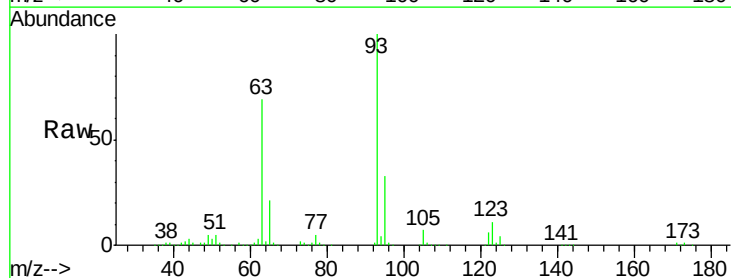


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

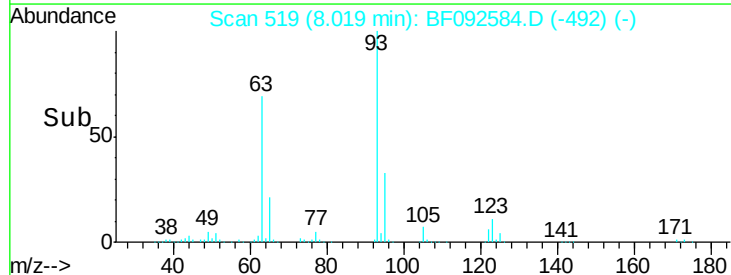
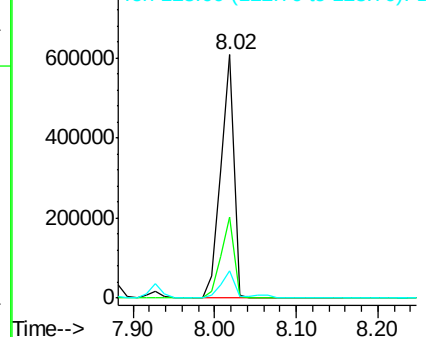


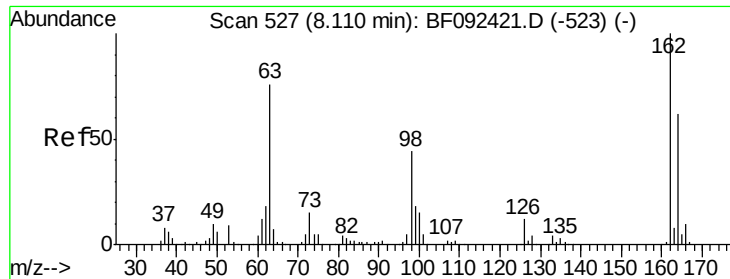
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.41 ng
 RT: 8.02 min Scan# 519
 Delta R.T. 0.01 min
 Lab File: BF092584.D
 Acq: 27 Jan 2017 19:09

Tgt Ion: 93 Resp: 682948
 Ion Ratio Lower Upper
 93 100
 95 33.4 26.5 39.7
 123 11.3 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

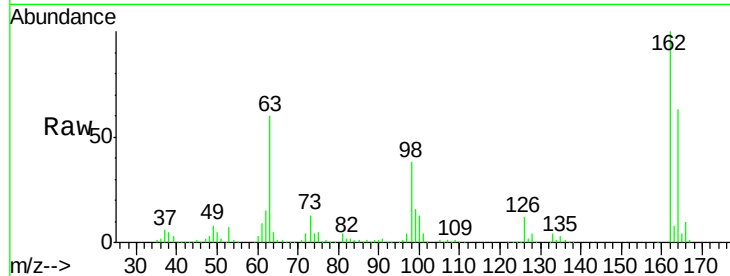




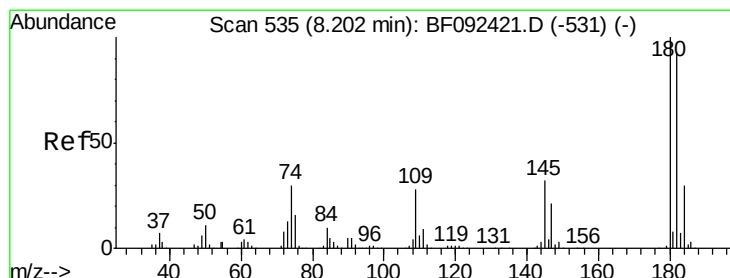
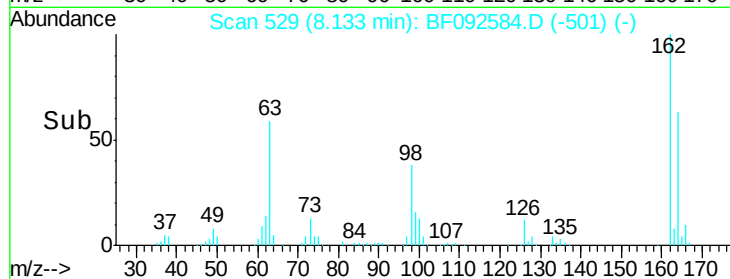
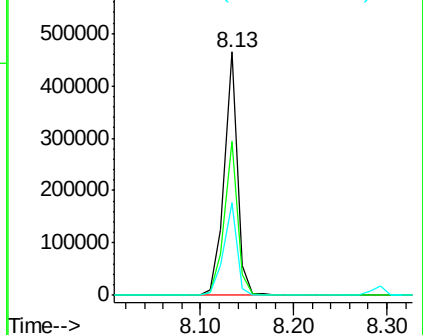
#29
 2,4-Dichlorophenol
 Concen: 44.13 ng
 RT: 8.13 min Scan# 529
 Delta R.T. 0.02 min
 Lab File: BF092584.D
 Acq: 27 Jan 2017 19:09

Instrument :
 BNA_F
 ClientSampleId :
 PB96383BS

Tgt Ion:162 Resp: 456472
 Ion Ratio Lower Upper
 162 100
 164 63.5 46.8 86.8
 98 37.9 9.1 49.1

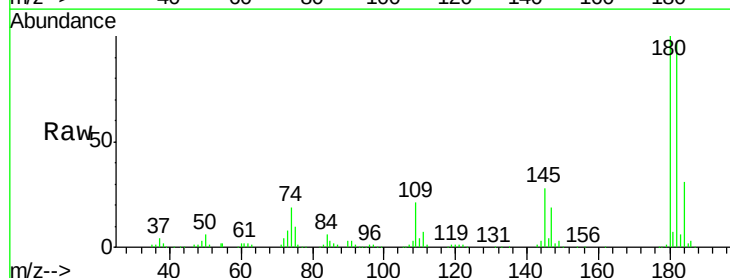


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

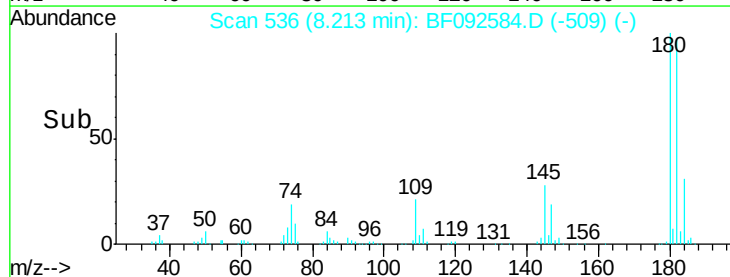
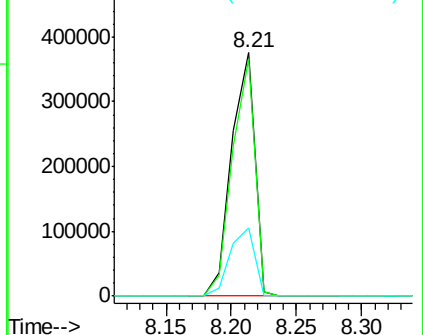


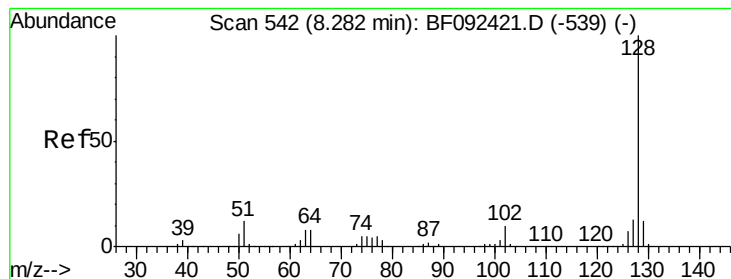
#30
 1,2,4-Trichlorobenzene
 Concen: 41.50 ng
 RT: 8.21 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: BF092584.D
 Acq: 27 Jan 2017 19:09

Tgt Ion:180 Resp: 463916
 Ion Ratio Lower Upper
 180 100
 182 97.2 78.2 117.4
 145 28.0 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: 39.81 ng

RT: 8.29 min Scan# 543

Delta R.T. 0.01 min

Lab File: BF092584.D

Acq: 27 Jan 2017 19:09

Instrument :

BNA_F

ClientSampleId :

PB96383BS

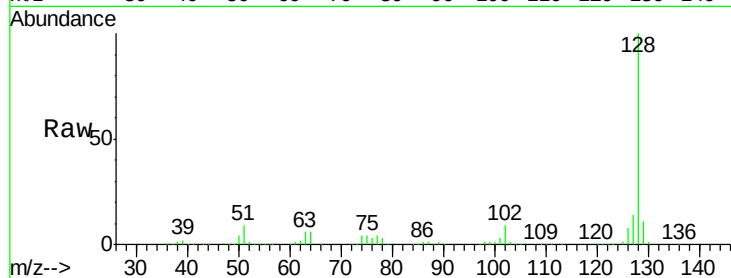
Tgt Ion:128 Resp: 1454208

Ion Ratio Lower Upper

128 100

129 11.2 9.5 14.3

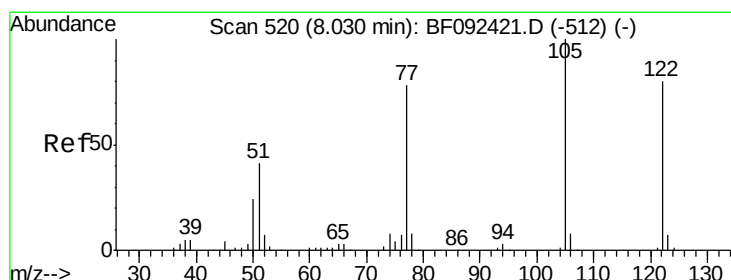
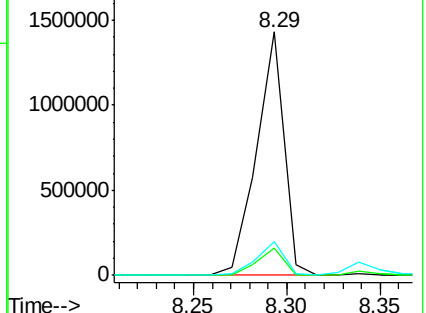
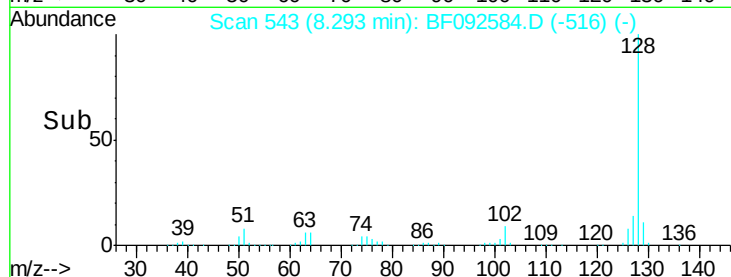
127 13.7 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.39 ng

RT: 8.06 min Scan# 523

Delta R.T. 0.03 min

Lab File: BF092584.D

Acq: 27 Jan 2017 19:09

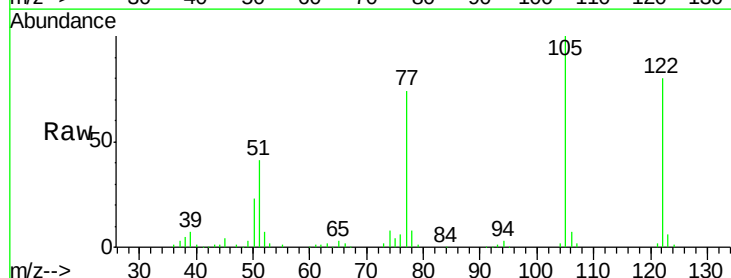
Tgt Ion:122 Resp: 323143

Ion Ratio Lower Upper

122 100

105 124.9 107.2 147.2

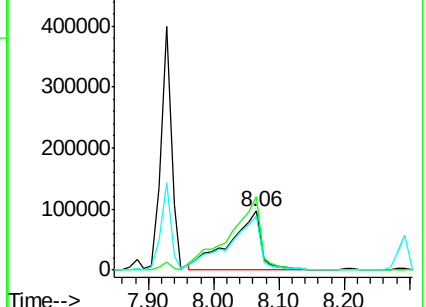
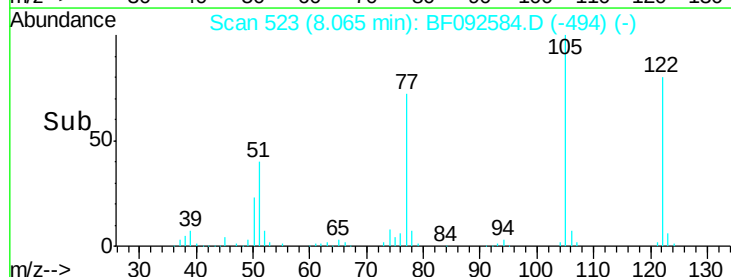
77 92.4 74.5 114.5

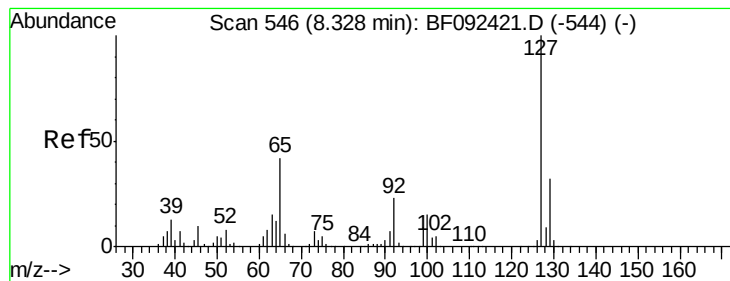


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 6.62 ng

RT: 8.34 min Scan# 547

Delta R.T. 0.01 min

Lab File: BF092584.D

Acq: 27 Jan 2017 19:09

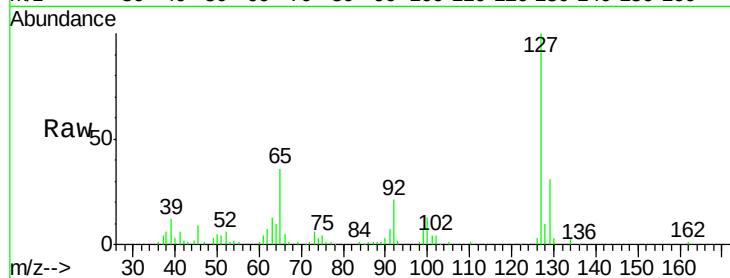
Instrument :

BNA_F

ClientSampleId :

PB96383BS

Tgt Ion:	127	Resp:	102290
Ion	Ratio	Lower	Upper
127	100		
129	31.0	26.3	39.5
65	35.7	25.8	38.8
92	20.9	16.1	24.1

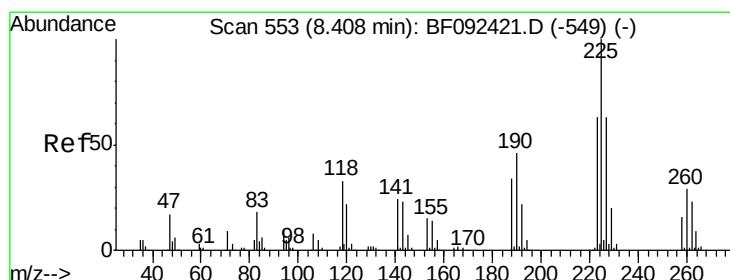
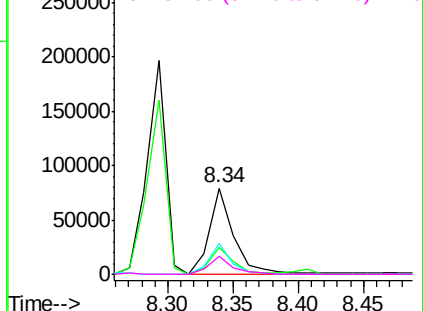
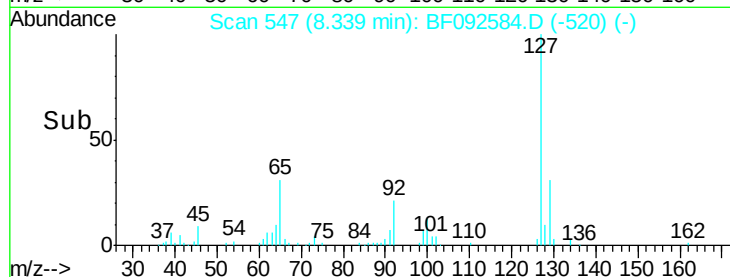


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 40.10 ng

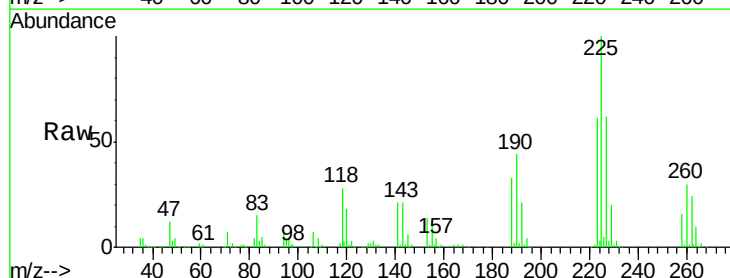
RT: 8.41 min Scan# 553

Delta R.T. -0.00 min

Lab File: BF092584.D

Acq: 27 Jan 2017 19:09

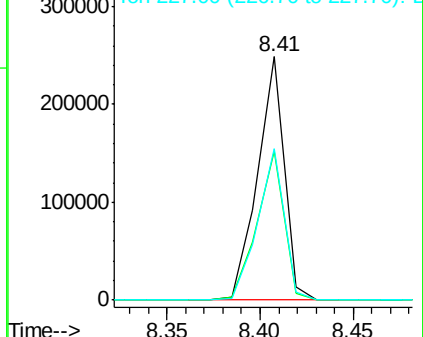
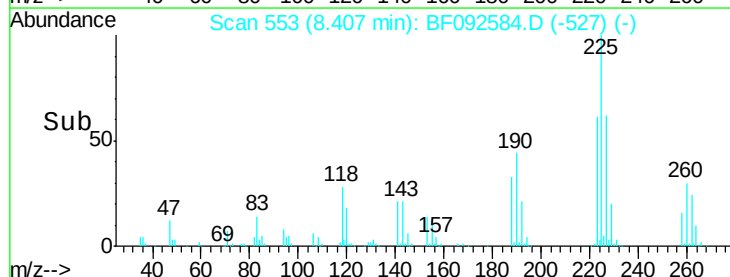
Tgt Ion:	225	Resp:	245172
Ion	Ratio	Lower	Upper
225	100		
223	61.1	51.0	76.6
227	62.4	50.6	76.0

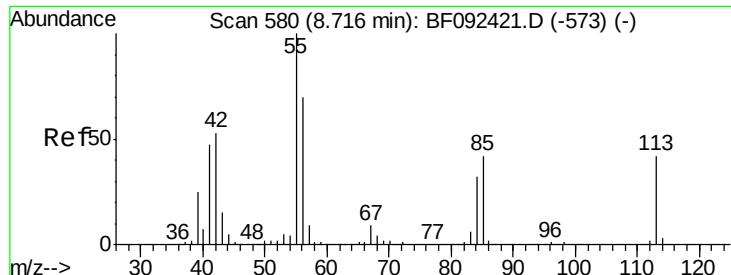


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

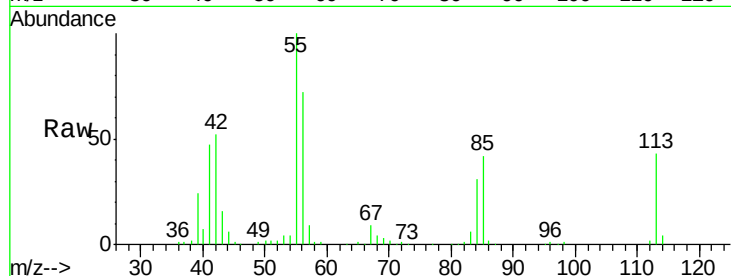




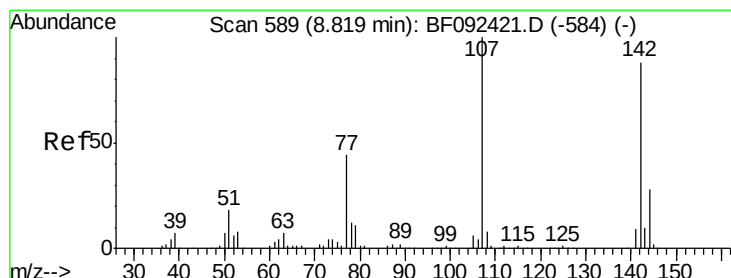
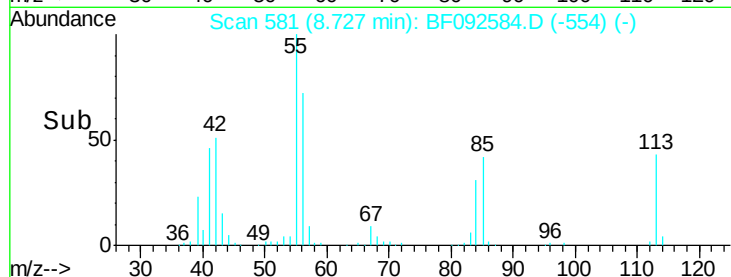
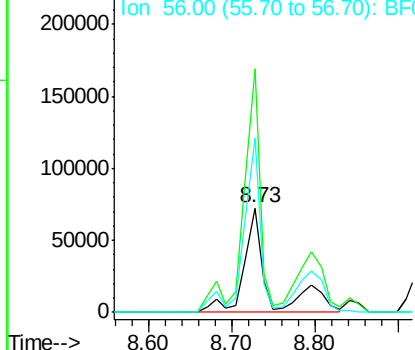
#35
 Caprolactam
 Concen: 42.68 ng m
 RT: 8.73 min Scan# 581
 Delta R.T. 0.01 min
 Lab File: BF092584.D
 Acq: 27 Jan 2017 19:09

Instrument :
 BNA_F
 ClientSampleId :
 PB96383BS

Tgt Ion:113 Resp: 147421
 Ion Ratio Lower Upper
 113 100
 55 232.9 119.2 159.2#
 56 166.8 83.8 123.8#

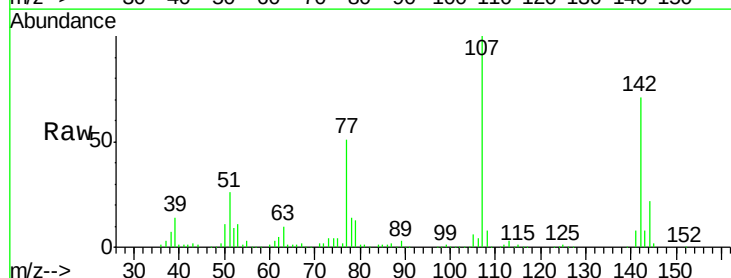


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

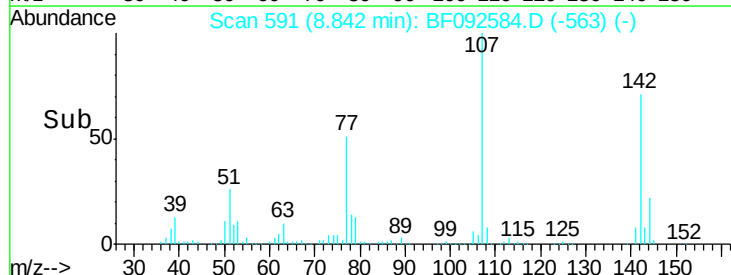
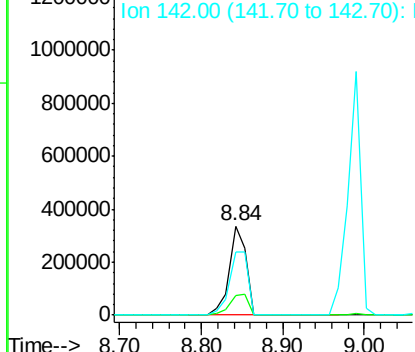


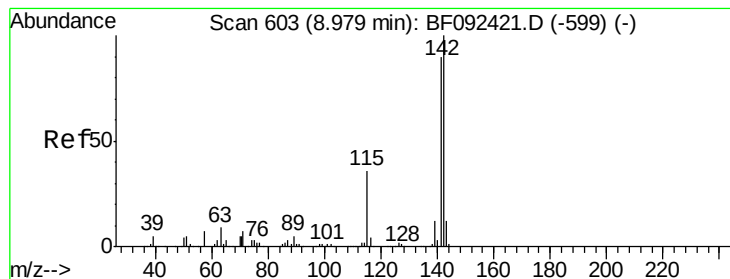
#36
 4-Chloro-3-methylphenol
 Concen: 43.13 ng
 RT: 8.84 min Scan# 591
 Delta R.T. 0.02 min
 Lab File: BF092584.D
 Acq: 27 Jan 2017 19:09

Tgt Ion:107 Resp: 481056
 Ion Ratio Lower Upper
 107 100
 144 22.3 19.3 28.9
 142 70.8 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: 43.41 ng

RT: 8.99 min Scan# 604

Delta R.T. 0.01 min

Lab File: BF092584.D

Acq: 27 Jan 2017 19:09

Instrument :

BNA_F

ClientSampleId :

PB96383BS

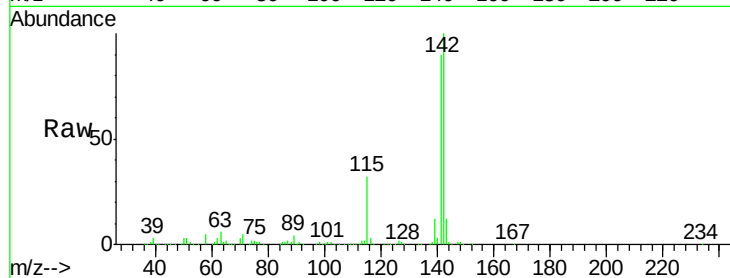
Tgt Ion:142 Resp: 1004034

Ion Ratio Lower Upper

142 100

141 90.3 71.0 106.6

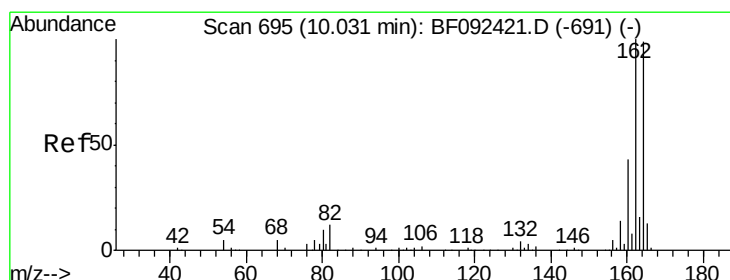
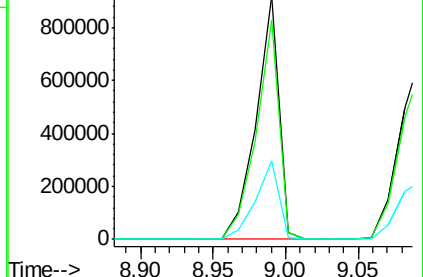
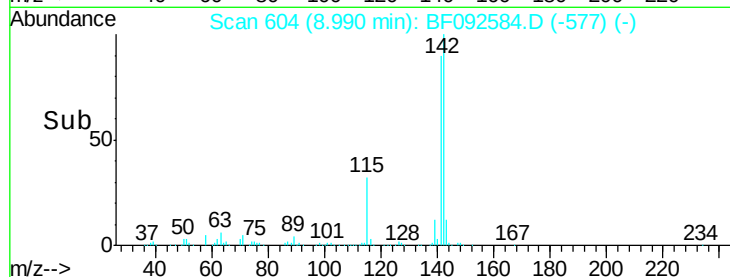
115 32.5 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.04 min Scan# 696

Delta R.T. 0.01 min

Lab File: BF092584.D

Acq: 27 Jan 2017 19:09

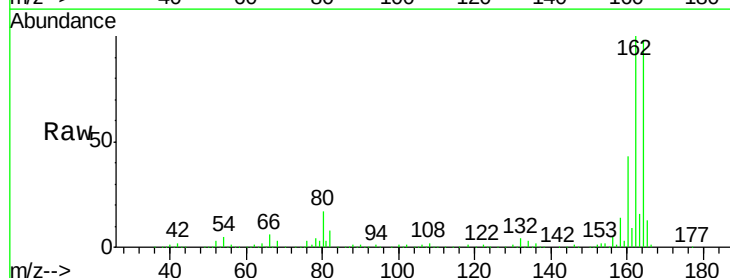
Tgt Ion:164 Resp: 405247

Ion Ratio Lower Upper

164 100

162 102.2 80.2 120.2

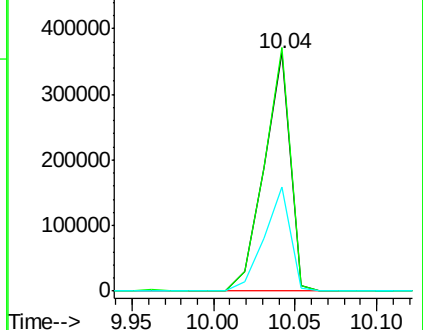
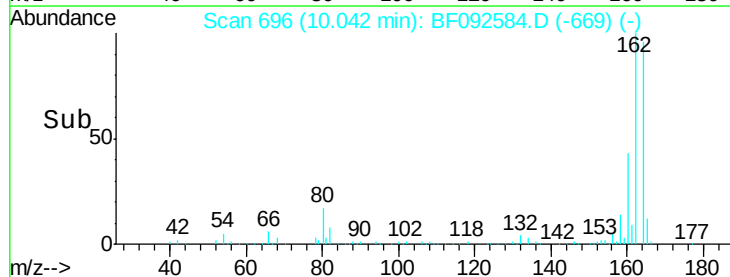
160 43.8 36.9 55.3

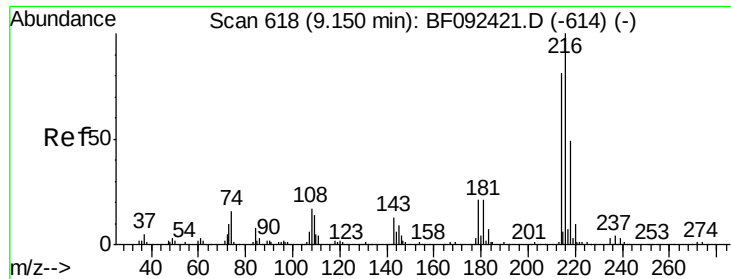


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

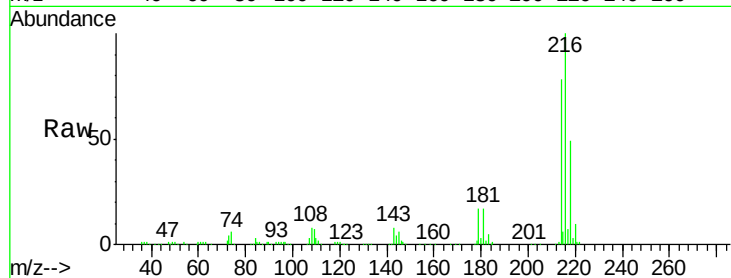




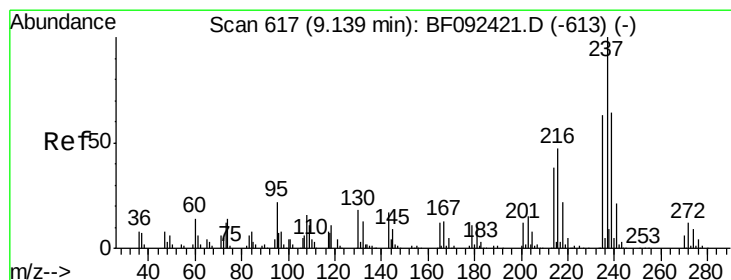
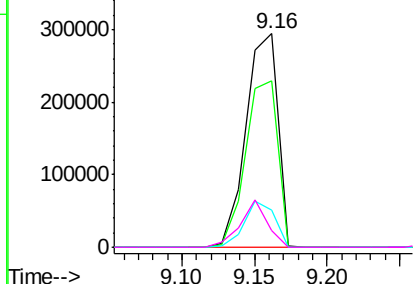
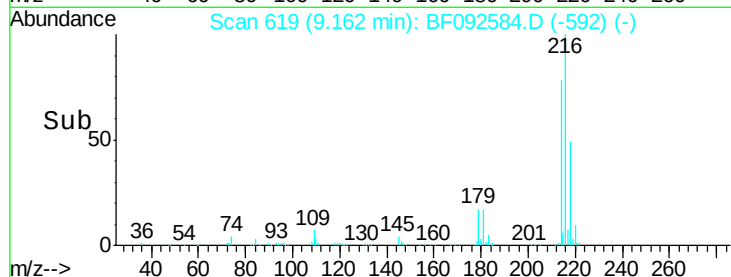
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.75 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.01 min
 Lab File: BF092584.D
 Acq: 27 Jan 2017 19:09

Instrument :
 BNA_F
 ClientSampleId :
 PB96383BS

Tgt Ion:	216	Resp:	447186
Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.4	95.0
179	20.6	17.4	26.2
108	19.1	15.6	23.4

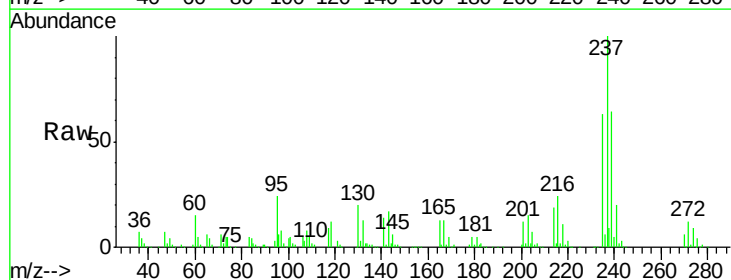


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

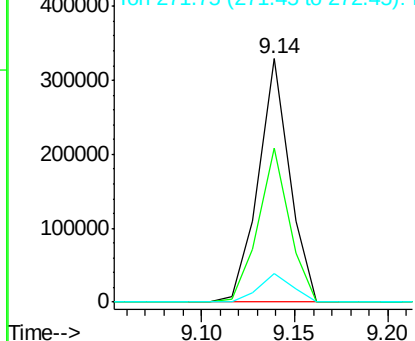
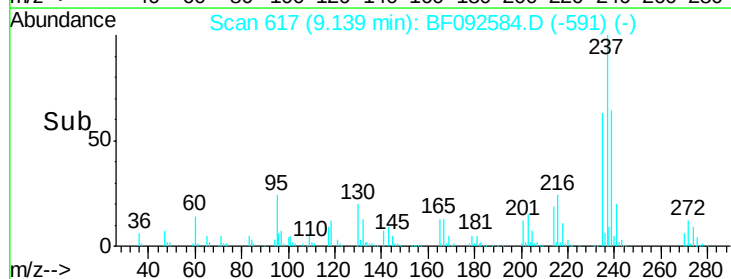


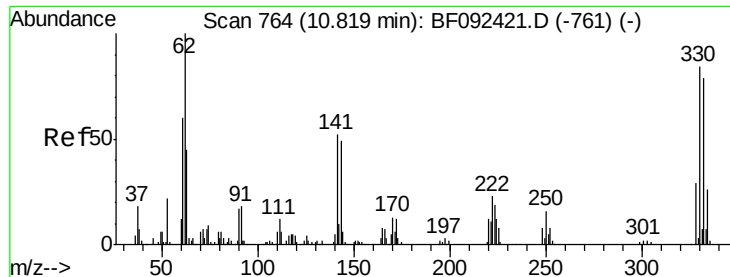
#40
 Hexachlorocyclopentadiene
 Concen: 74.57 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF092584.D
 Acq: 27 Jan 2017 19:09

Tgt Ion:	237	Resp:	381750
Ion	Ratio	Lower	Upper
237	100		
235	63.1	41.2	81.2
272	11.6	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: 146.14 ng

RT: 10.84 min Scan# 766

Delta R.T. 0.02 min

Lab File: BF092584.D

Acq: 27 Jan 2017 19:09

Instrument :

BNA_F

ClientSampleId :

PB96383BS

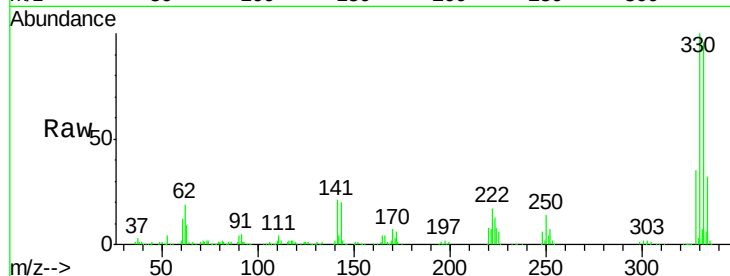
Tgt Ion:330 Resp: 403584

Ion Ratio Lower Upper

330 100

332 96.3 77.4 116.2

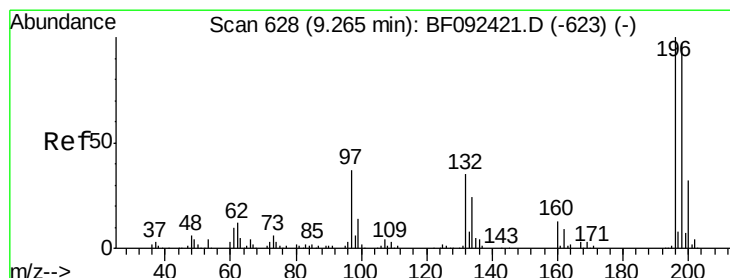
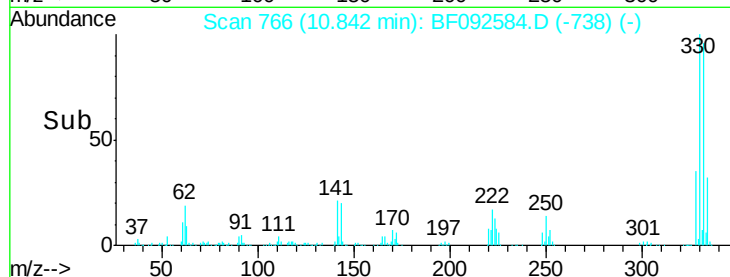
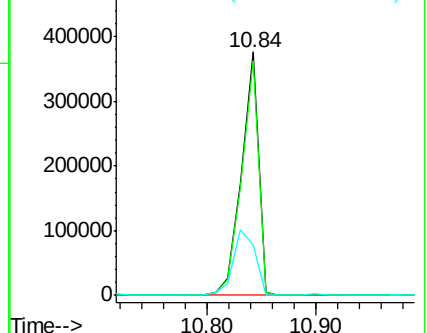
141 34.6 34.1 51.1



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: 43.11 ng

RT: 9.28 min Scan# 629

Delta R.T. 0.01 min

Lab File: BF092584.D

Acq: 27 Jan 2017 19:09

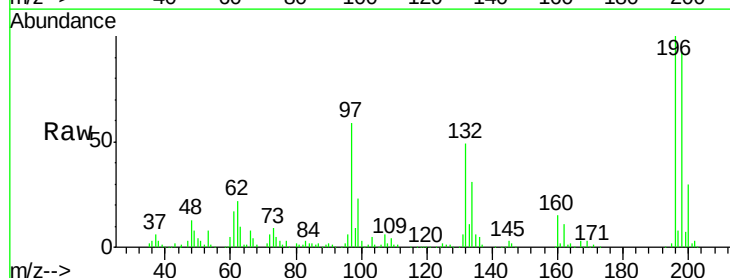
Tgt Ion:196 Resp: 337662

Ion Ratio Lower Upper

196 100

198 93.4 82.1 123.1

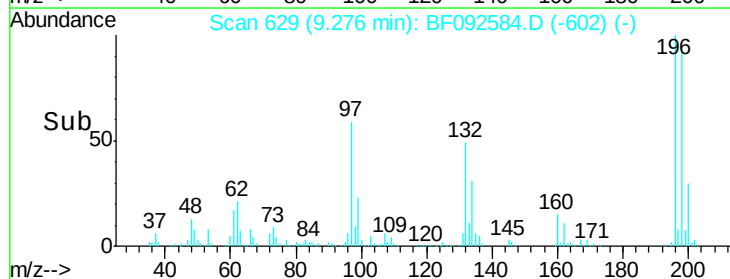
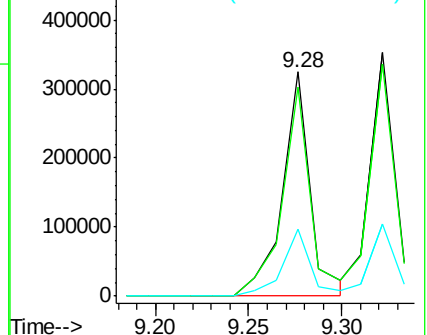
200 30.2 27.0 40.4

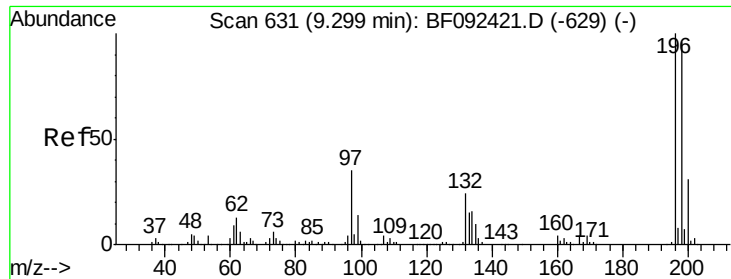


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

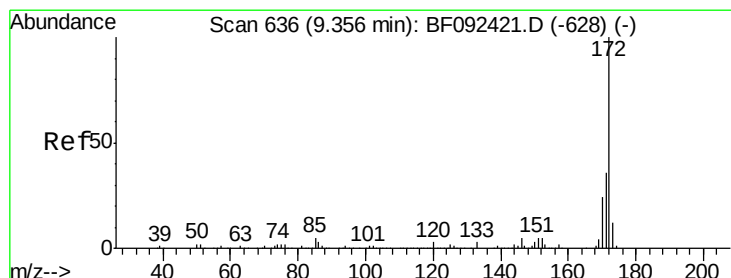
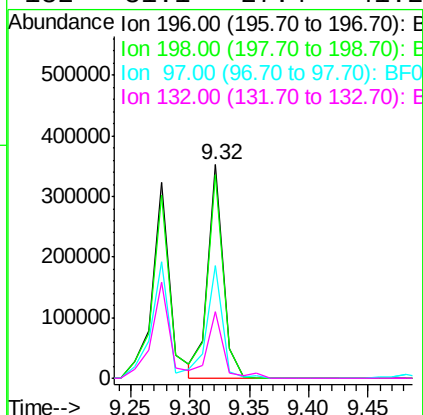
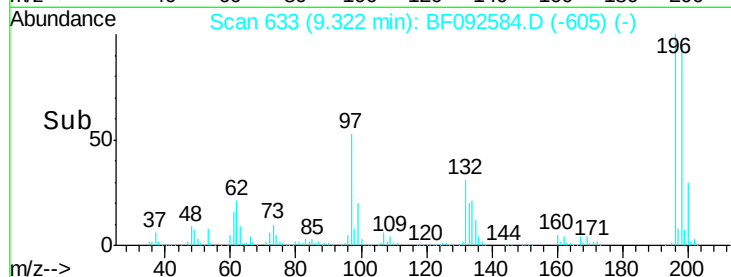
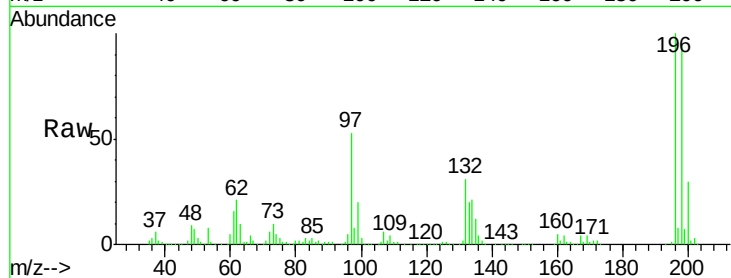




#43
 2,4,5-Trichlorophenol
 Concen: 44.76 ng
 RT: 9.32 min Scan# 633
 Delta R.T. 0.02 min
 Lab File: BF092584.D
 Acq: 27 Jan 2017 19:09

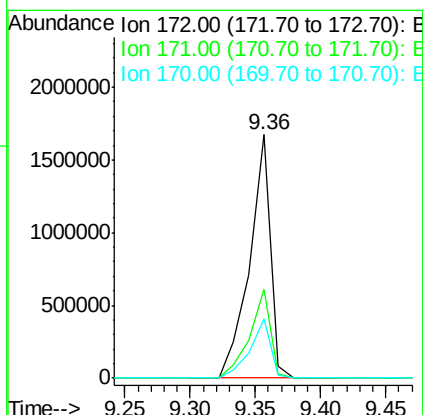
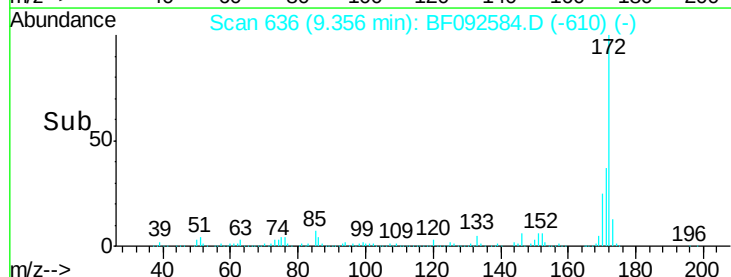
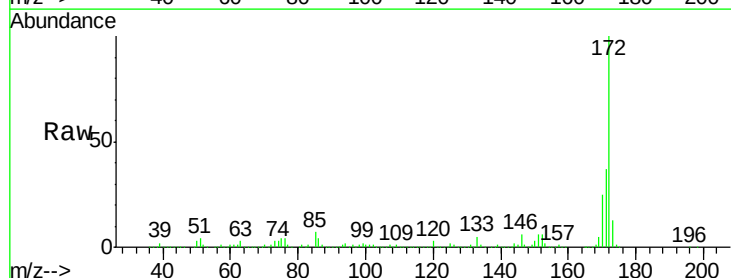
Instrument :
 BNA_F
 ClientSampleId :
 PB96383BS

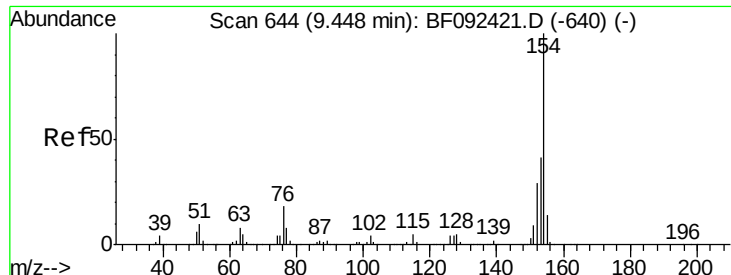
Tgt Ion:196 Resp: 320745
 Ion Ratio Lower Upper
 196 100
 198 95.1 79.4 119.2
 97 52.6 51.5 77.3
 132 31.1 27.4 41.2



#44
 2-Fluorobiphenyl
 Concen: 85.13 ng
 RT: 9.36 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: BF092584.D
 Acq: 27 Jan 2017 19:09

Tgt Ion:172 Resp: 1865536
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 24.5 20.2 30.4





#45

1,1'-Biphenyl

Concen: 44.04 ng

RT: 9.46 min Scan# 645

Delta R.T. 0.01 min

Lab File: BF092584.D

Acq: 27 Jan 2017 19:09

Instrument :

BNA_F

ClientSampleId :

PB96383BS

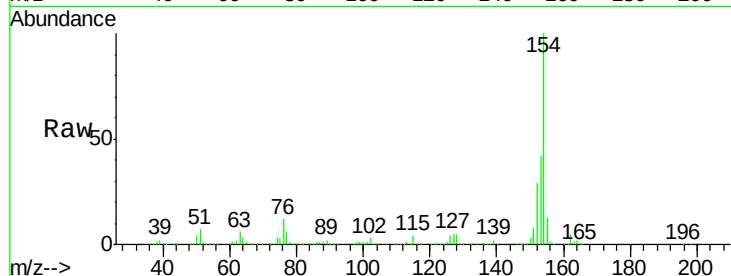
Tgt Ion:154 Resp: 1290048

Ion Ratio Lower Upper

154 100

153 41.5 20.9 60.9

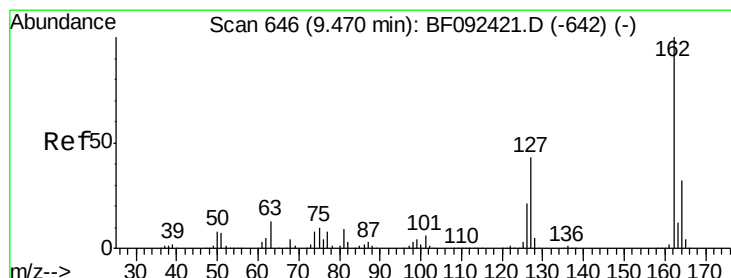
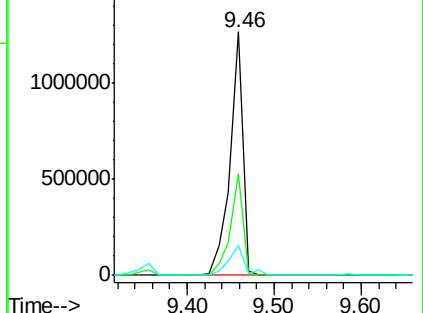
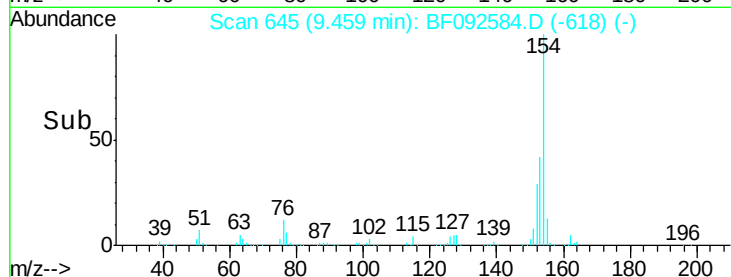
76 12.4 0.0 30.5



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: 38.15 ng

RT: 9.48 min Scan# 647

Delta R.T. 0.01 min

Lab File: BF092584.D

Acq: 27 Jan 2017 19:09

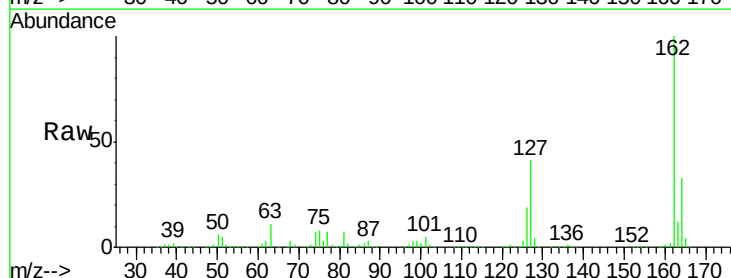
Tgt Ion:162 Resp: 912801

Ion Ratio Lower Upper

162 100

127 40.7 30.7 46.1

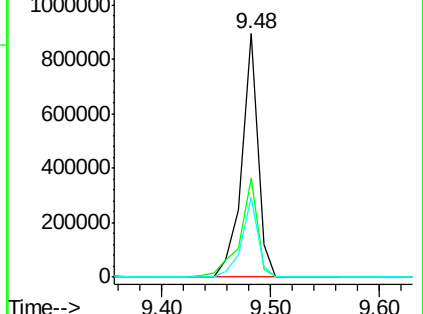
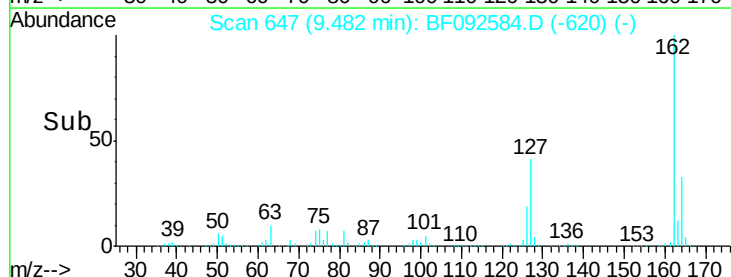
164 33.0 27.6 41.4

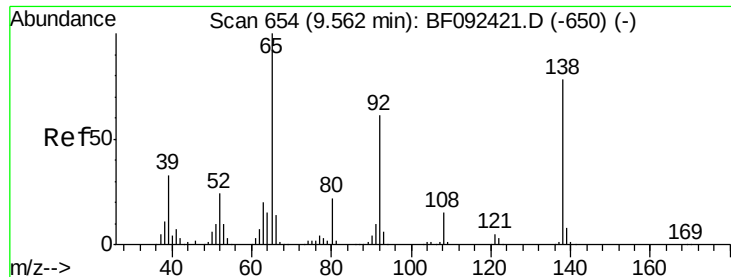


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

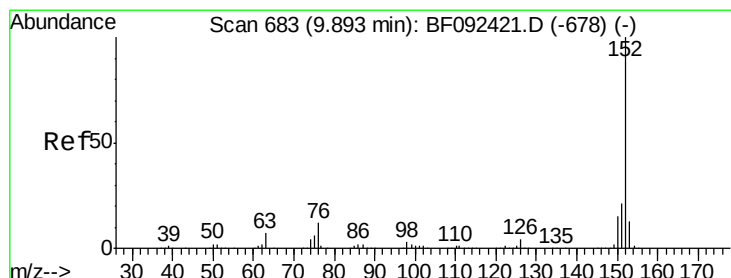
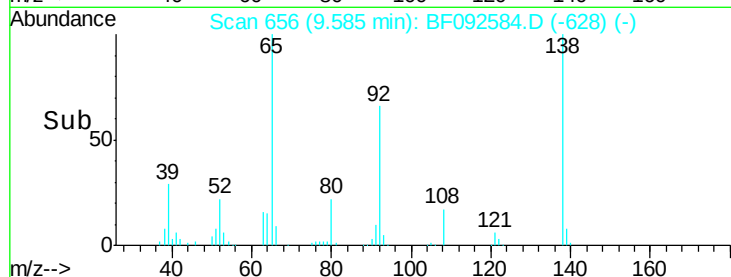
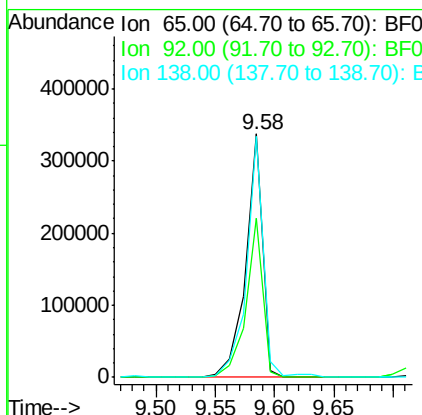
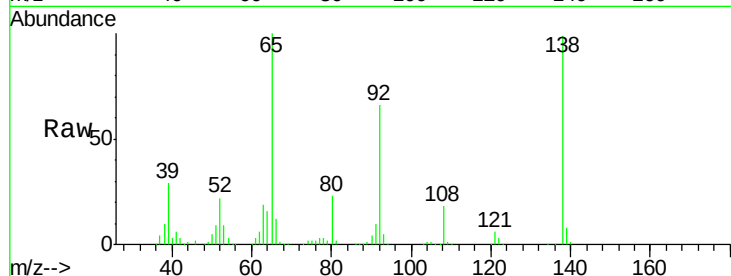




#47
 2-Nitroaniline
 Concen: 41.93 ng
 RT: 9.58 min Scan# 656
 Delta R.T. 0.02 min
 Lab File: BF092584.D
 Acq: 27 Jan 2017 19:09

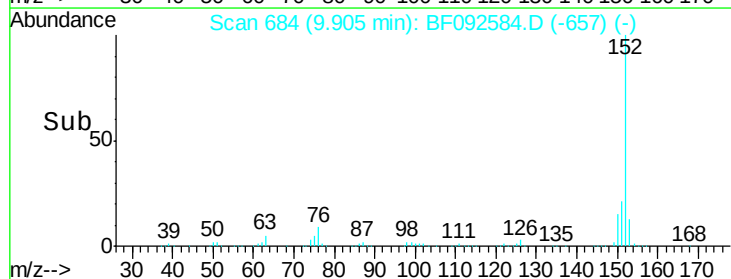
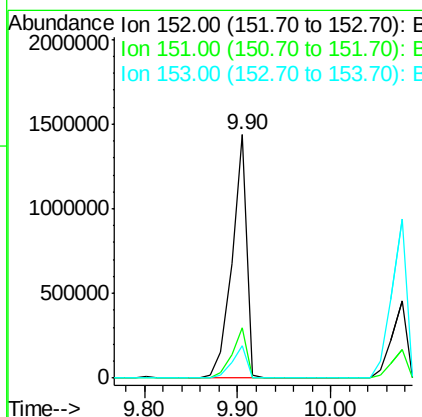
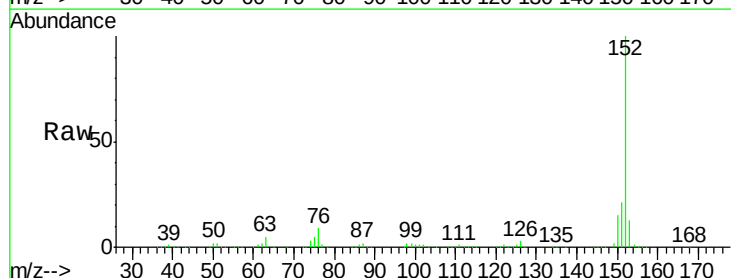
Instrument :
 BNA_F
 ClientSampleId :
 PB96383BS

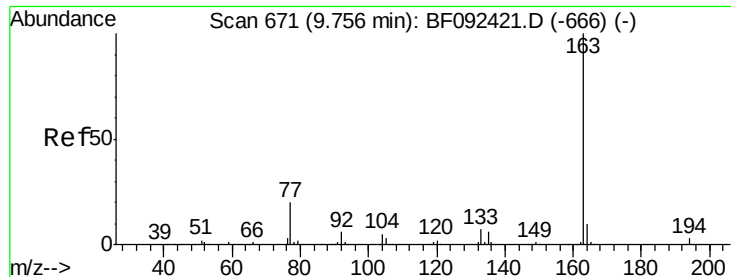
Tgt Ion: 65 Resp: 337835
 Ion Ratio Lower Upper
 65 100
 92 65.6 53.9 80.9
 138 99.1 76.8 115.2



#48
 Acenaphthylene
 Concen: 45.14 ng
 RT: 9.90 min Scan# 684
 Delta R.T. 0.01 min
 Lab File: BF092584.D
 Acq: 27 Jan 2017 19:09

Tgt Ion: 152 Resp: 1584176
 Ion Ratio Lower Upper
 152 100
 151 20.9 16.9 25.3
 153 13.2 11.4 17.2

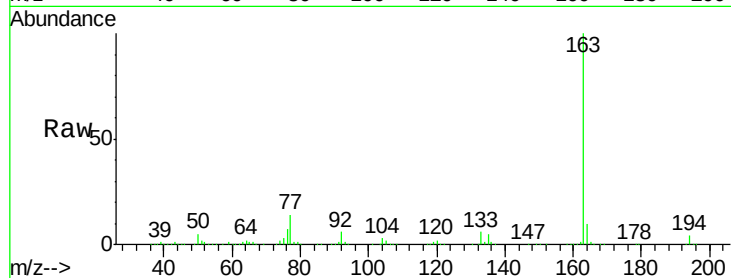




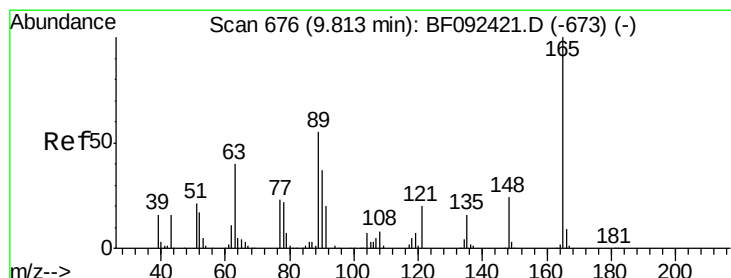
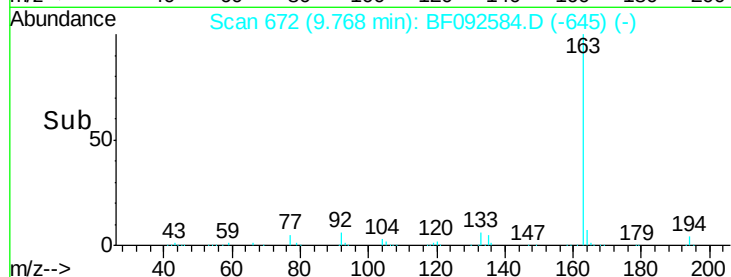
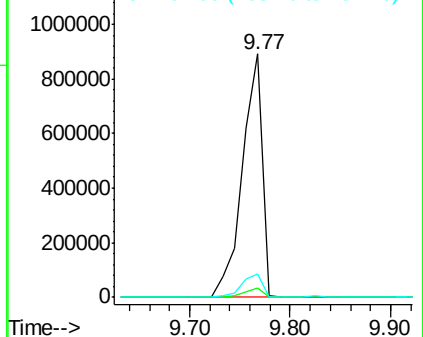
#49
Dimethylphthalate
Concen: 47.29 ng
RT: 9.77 min Scan# 672
Delta R.T. 0.01 min
Lab File: BF092584.D
Acq: 27 Jan 2017 19:09

Instrument :
BNA_F
ClientSampleId :
PB96383BS

Tgt Ion:163 Resp: 1218628
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 9.6 8.0 12.0

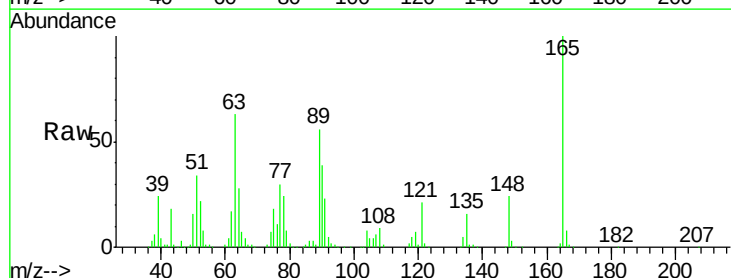


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

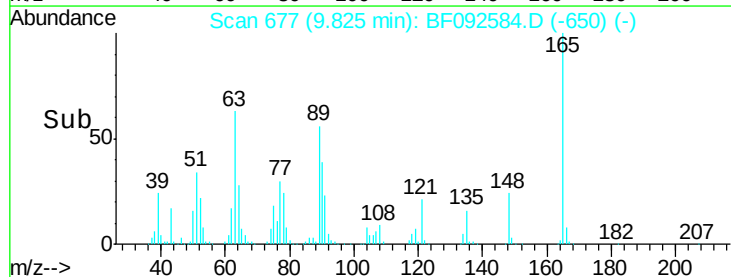
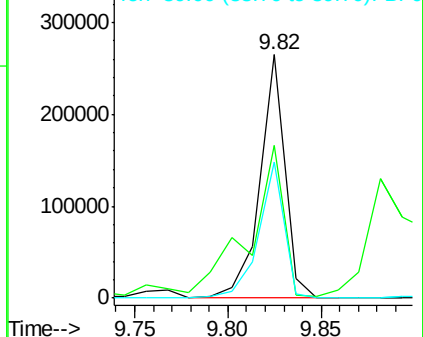


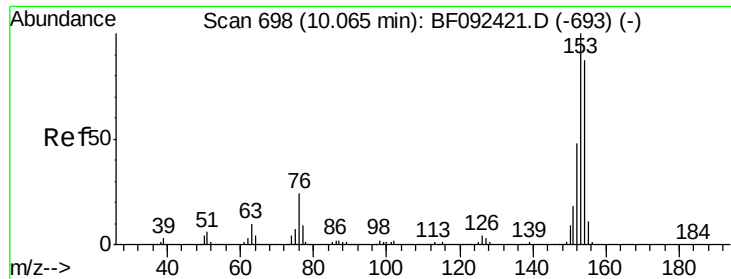
#50
2,6-Dinitrotoluene
Concen: 46.36 ng
RT: 9.82 min Scan# 677
Delta R.T. 0.01 min
Lab File: BF092584.D
Acq: 27 Jan 2017 19:09

Tgt Ion:165 Resp: 244173
Ion Ratio Lower Upper
165 100
63 62.7 36.2 54.4#
89 55.9 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: 47.46 ng

RT: 10.08 min Scan# 699

Delta R.T. 0.01 min

Lab File: BF092584.D

Acq: 27 Jan 2017 19:09

Instrument :

BNA_F

ClientSampleId :

PB96383BS

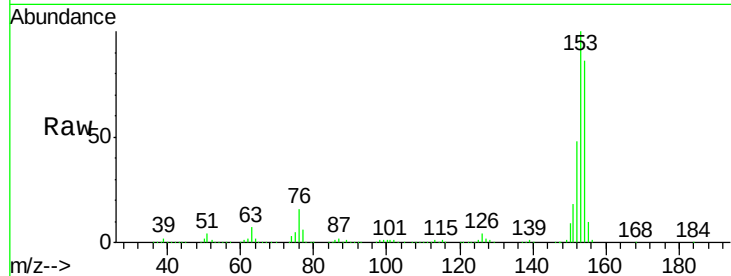
Tgt Ion:154 Resp: 1034850

Ion Ratio Lower Upper

154 100

153 115.6 88.6 133.0

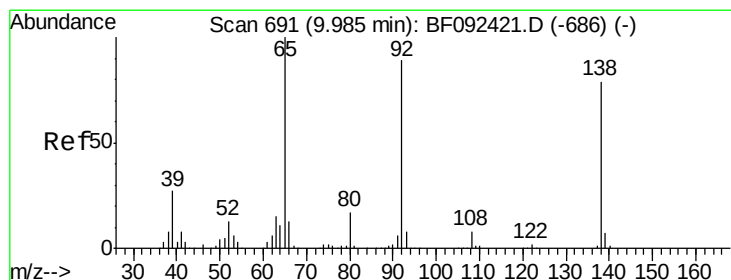
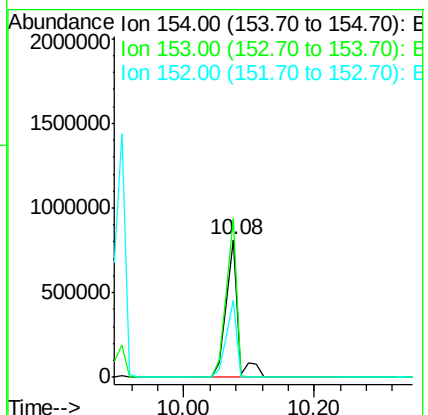
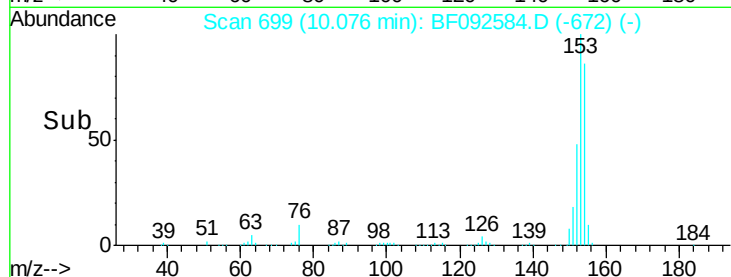
152 56.0 41.6 62.4



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: 14.62 ng

RT: 10.00 min Scan# 692

Delta R.T. 0.01 min

Lab File: BF092584.D

Acq: 27 Jan 2017 19:09

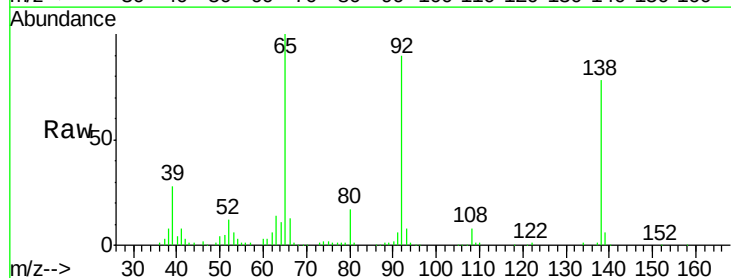
Tgt Ion:138 Resp: 96456

Ion Ratio Lower Upper

138 100

108 10.9 8.5 12.7

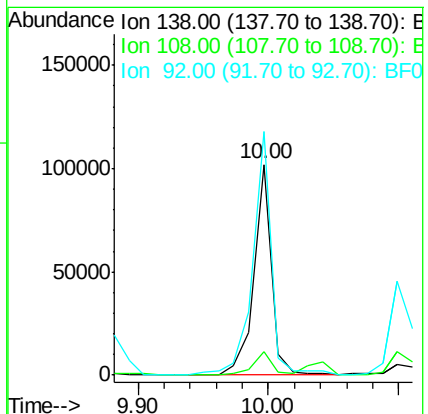
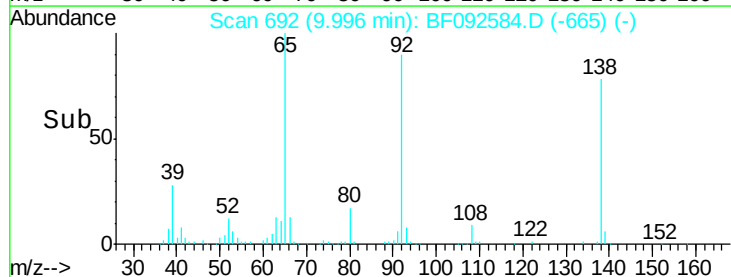
92 115.6 97.8 146.8

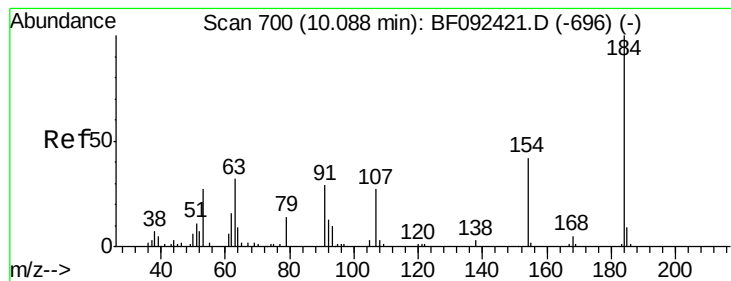


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 70.56 ng

RT: 10.11 min Scan# 702

Delta R.T. 0.02 min

Lab File: BF092584.D

Acq: 27 Jan 2017 19:09

Instrument :

BNA_F

ClientSampleId :

PB96383BS

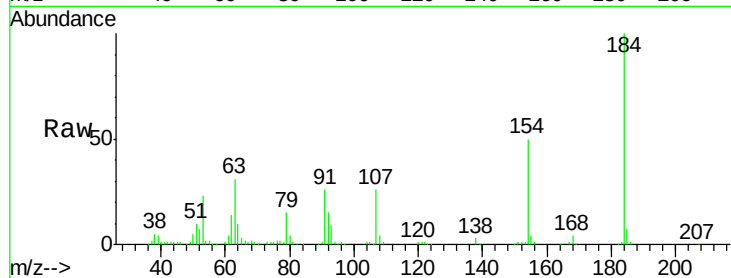
Tgt Ion:184 Resp: 228432

Ion Ratio Lower Upper

184 100

63 30.5 28.4 42.6

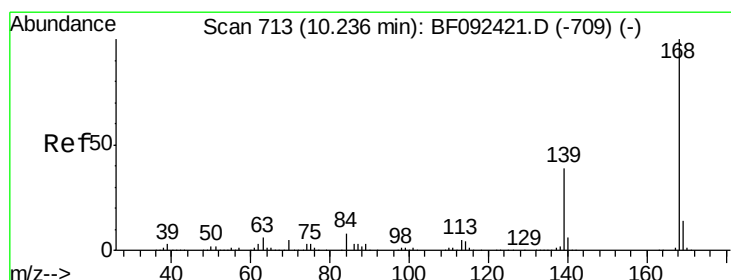
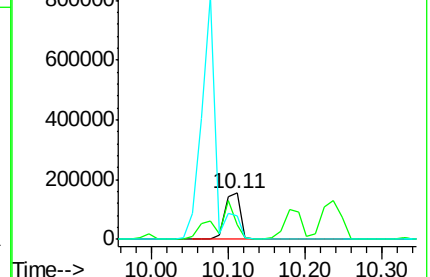
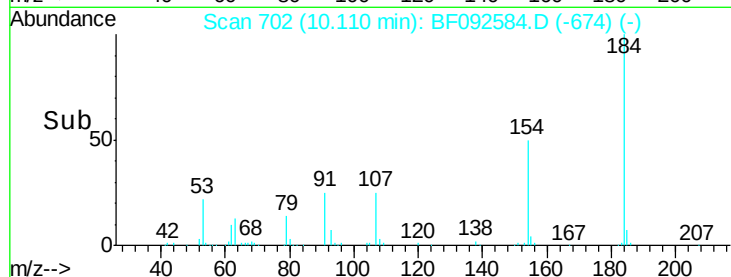
154 50.4 44.3 66.5



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: 44.59 ng

RT: 10.25 min Scan# 714

Delta R.T. 0.01 min

Lab File: BF092584.D

Acq: 27 Jan 2017 19:09

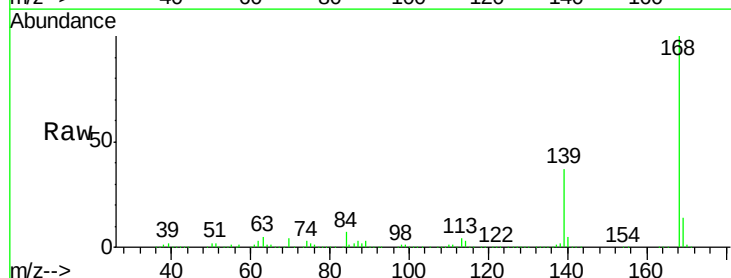
Tgt Ion:168 Resp: 1320421

Ion Ratio Lower Upper

168 100

139 37.5 32.6 49.0

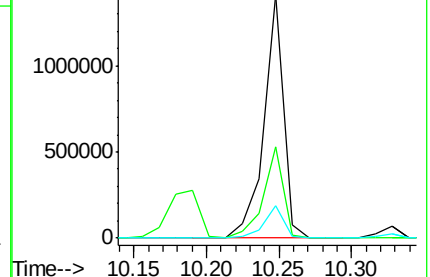
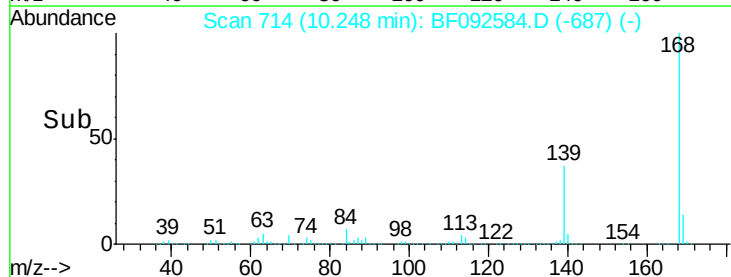
169 13.5 11.3 16.9

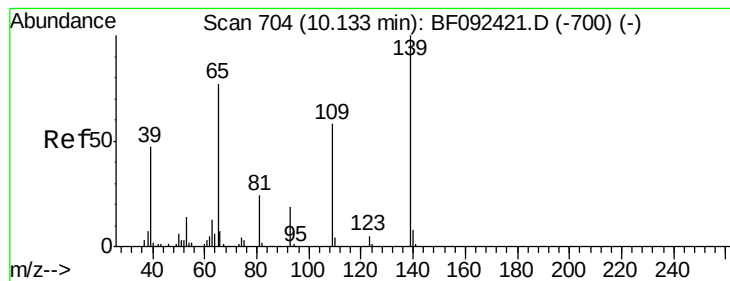


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 81.22 ng

RT: 10.19 min Scan# 709

Delta R.T. 0.06 min

Lab File: BF092584.D

Acq: 27 Jan 2017 19:09

Instrument :

BNA_F

ClientSampleId :

PB96383BS

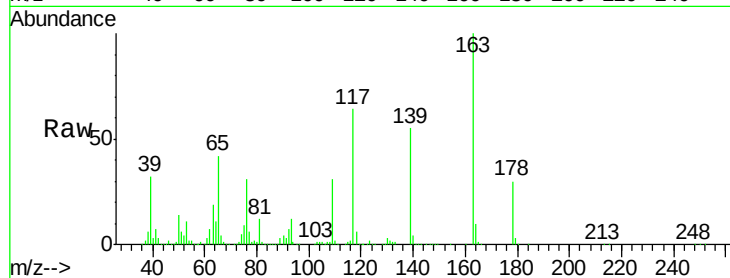
Tgt Ion:139 Resp: 425524

Ion Ratio Lower Upper

139 100

109 55.1 52.2 92.2

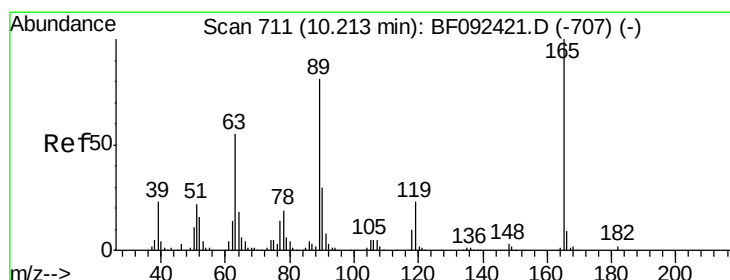
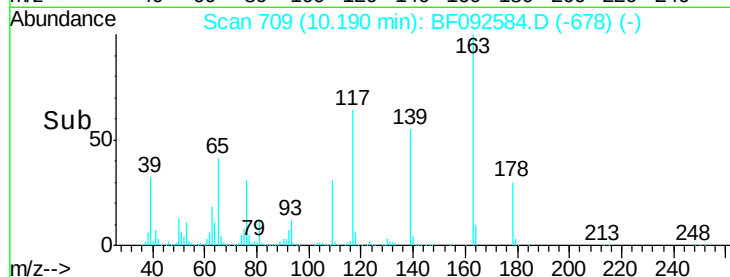
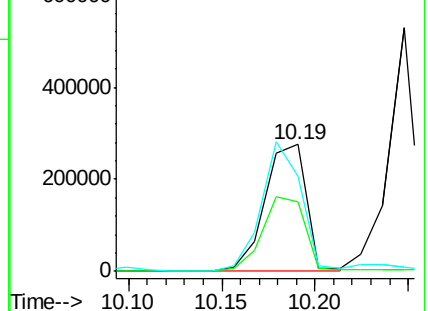
65 74.9 85.8 125.8#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 54.38 ng

RT: 10.24 min Scan# 713

Delta R.T. 0.02 min

Lab File: BF092584.D

Acq: 27 Jan 2017 19:09

Tgt Ion:165 Resp: 380212

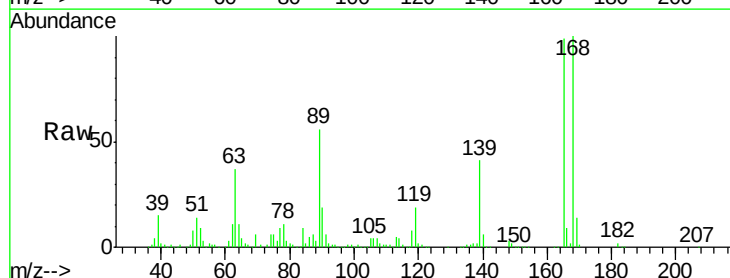
Ion Ratio Lower Upper

165 100

63 37.6 40.2 60.4#

89 56.0 62.5 93.7#

182 2.5 1.8 2.8

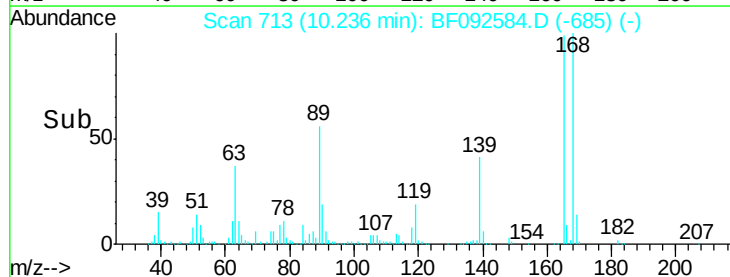
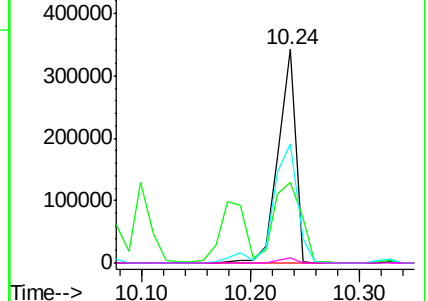


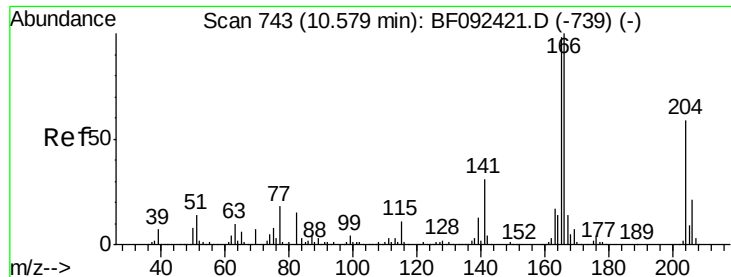
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 44.80 ng

RT: 10.59 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF092584.D

Acq: 27 Jan 2017 19:09

Instrument :

BNA_F

ClientSampleId :

PB96383BS

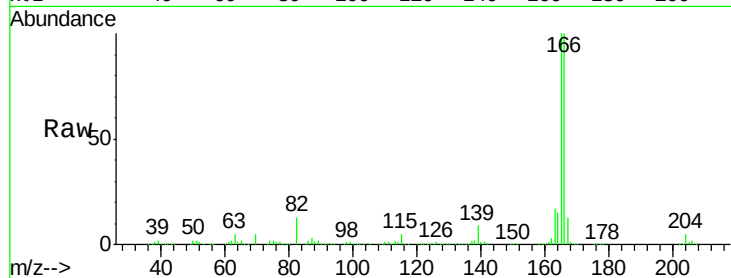
Tgt Ion:166 Resp: 983677

Ion Ratio Lower Upper

166 100

165 100.0 77.8 116.8

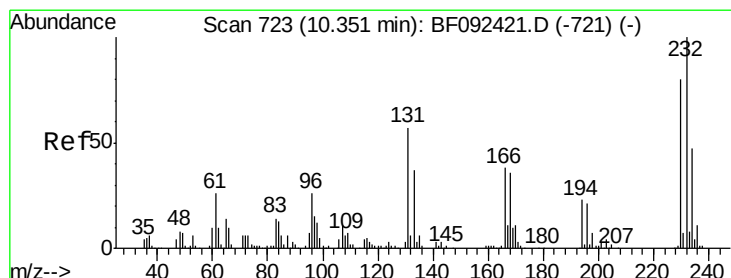
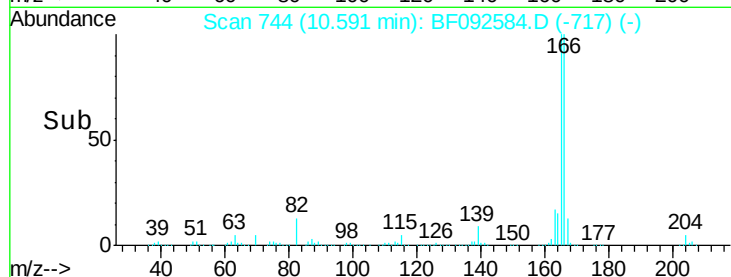
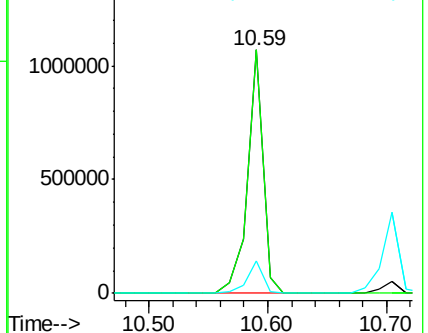
167 13.4 10.8 16.2



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: 51.20 ng

RT: 10.37 min Scan# 725

Delta R.T. 0.02 min

Lab File: BF092584.D

Acq: 27 Jan 2017 19:09

Tgt Ion:232 Resp: 274900

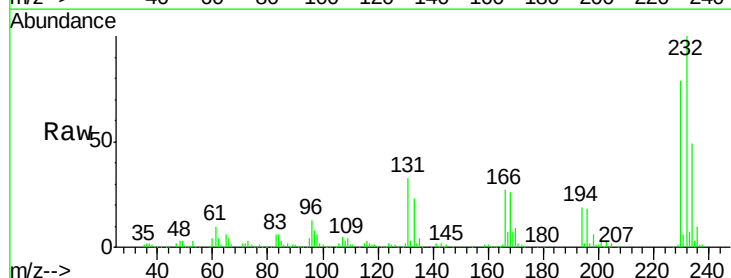
Ion Ratio Lower Upper

232 100

131 45.9 40.1 60.1

130 2.0 1.8 2.8

166 31.8 26.6 39.8

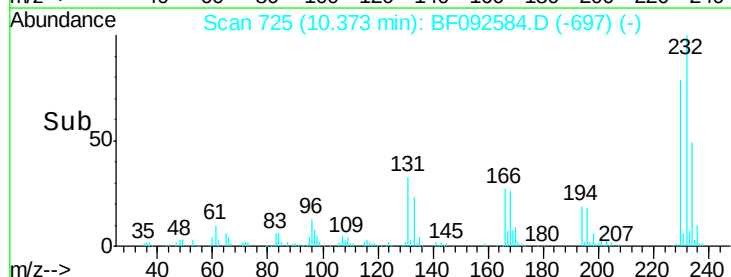
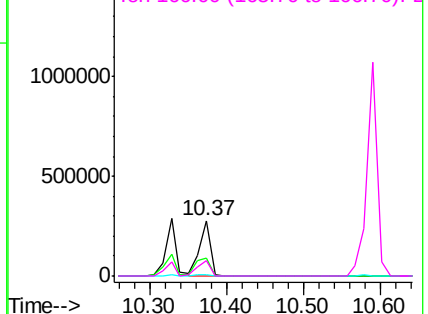


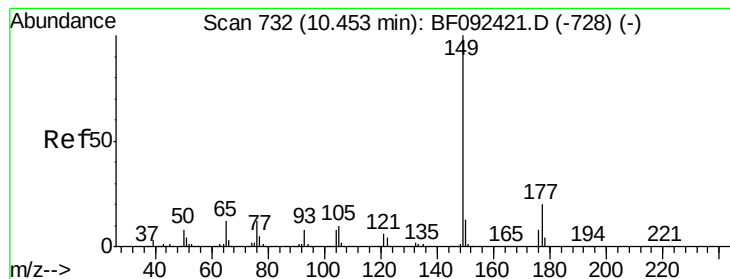
Abundance Ion 232.00 (231.70 to 232.70): E

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: 44.68 ng

RT: 10.46 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF092584.D

Acq: 27 Jan 2017 19:09

Instrument :

BNA_F

ClientSampled :

PB96383BS

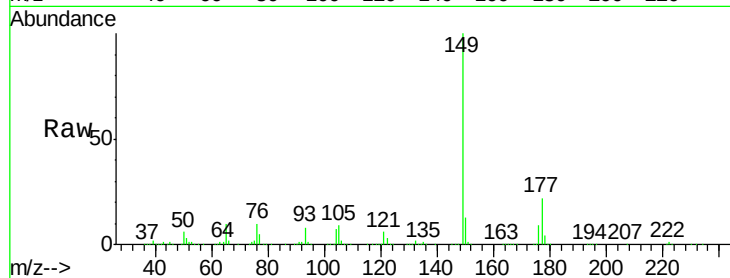
Tgt Ion:149 Resp: 1104058

Ion Ratio Lower Upper

149 100

177 22.0 16.6 25.0

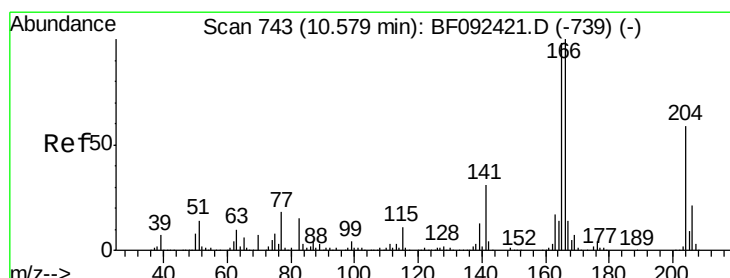
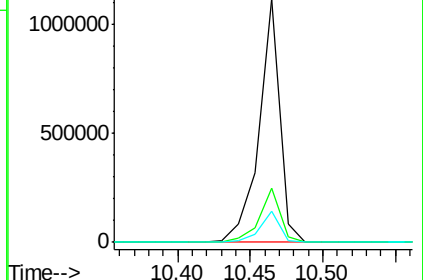
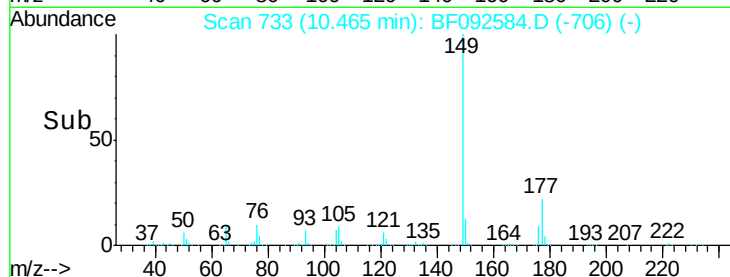
150 12.8 10.4 15.6



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: 42.86 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF092584.D

Acq: 27 Jan 2017 19:09

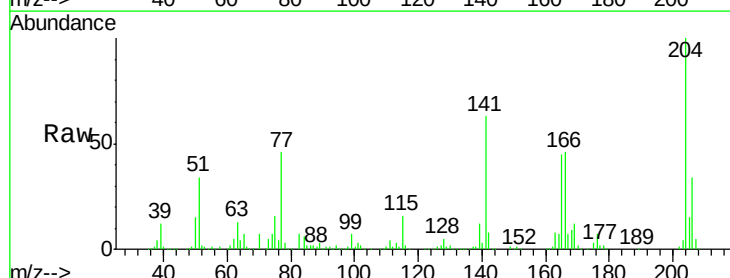
Tgt Ion:204 Resp: 456421

Ion Ratio Lower Upper

204 100

206 34.1 25.8 38.6

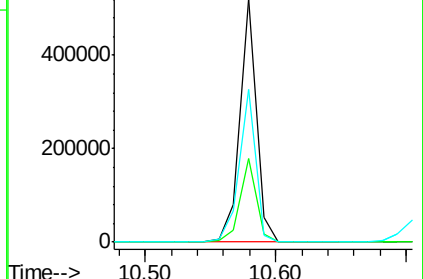
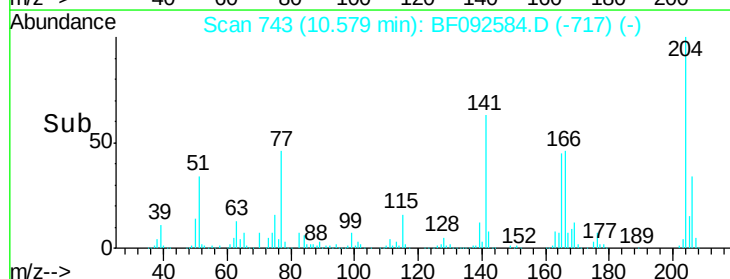
141 62.8 59.4 89.0

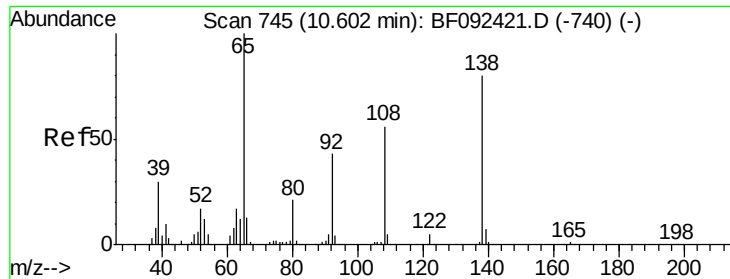


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

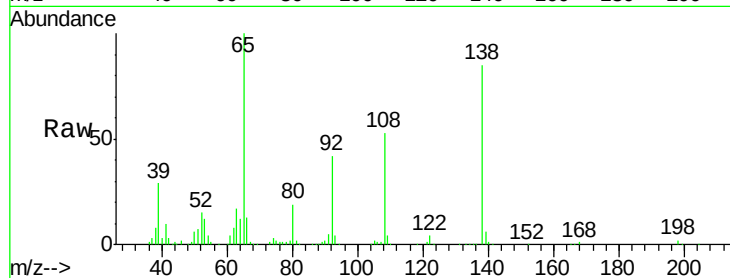




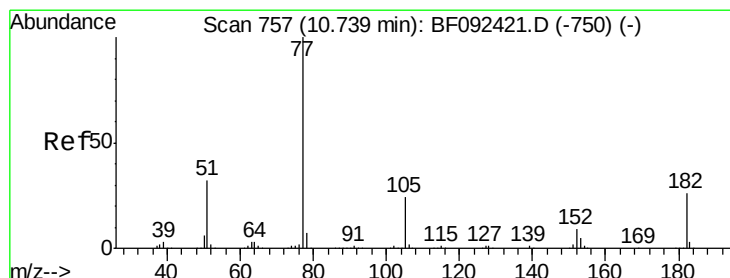
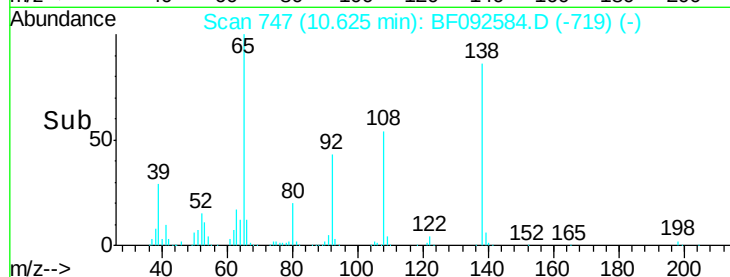
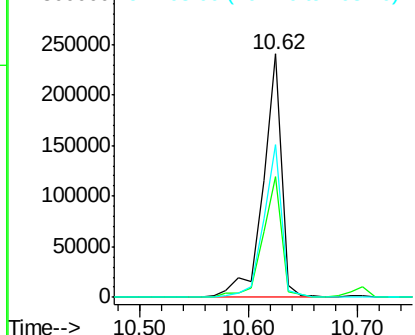
#61
4-Nitroaniline
Concen: 43.20 ng
RT: 10.62 min Scan# 747
Delta R.T. 0.02 min
Lab File: BF092584.D
Acq: 27 Jan 2017 19:09

Instrument :
BNA_F
ClientSampleId :
PB96383BS

Tgt Ion:138 Resp: 285039
Ion Ratio Lower Upper
138 100
92 49.7 31.7 71.7
108 62.8 52.6 92.6

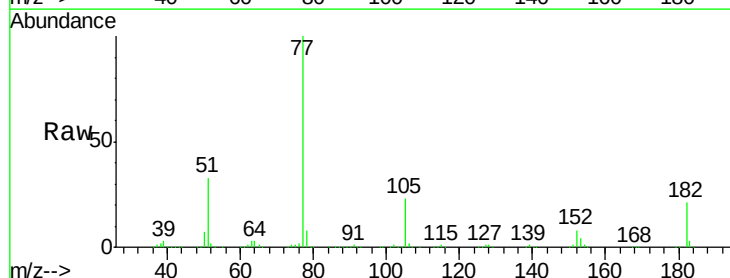


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

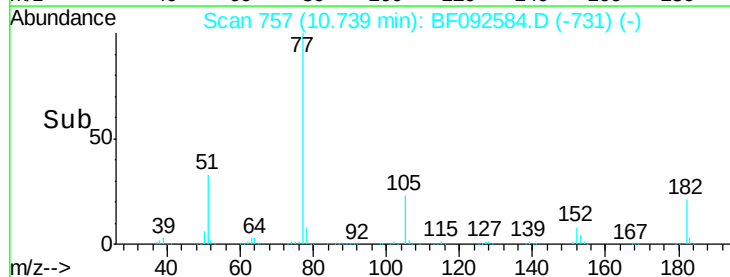
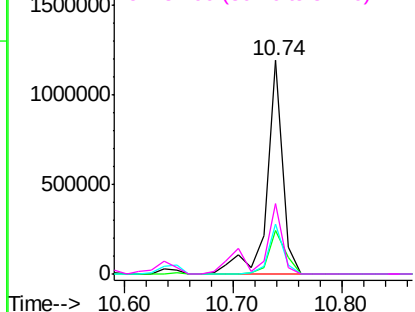


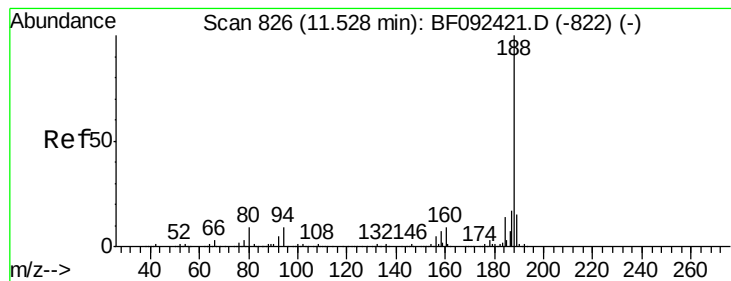
#62
Azobenzene
Concen: 42.84 ng
RT: 10.74 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF092584.D
Acq: 27 Jan 2017 19:09

Tgt Ion: 77 Resp: 1204647
Ion Ratio Lower Upper
77 100
182 20.6 0.0 39.3
105 23.1 2.3 42.3
51 32.7 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: 11.53 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF092584.D

Acq: 27 Jan 2017 19:09

Instrument :

BNA_F

ClientSampleId :

PB96383BS

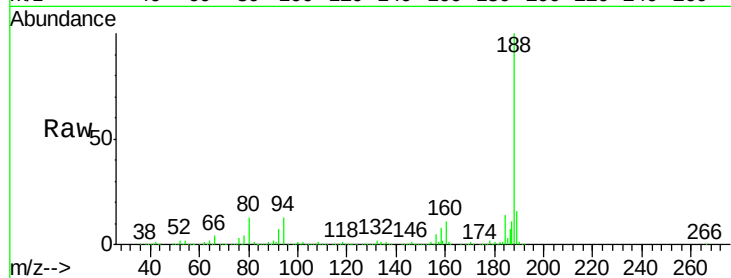
Tgt Ion:188 Resp: 661393

Ion Ratio Lower Upper

188 100

94 12.6 10.0 15.0

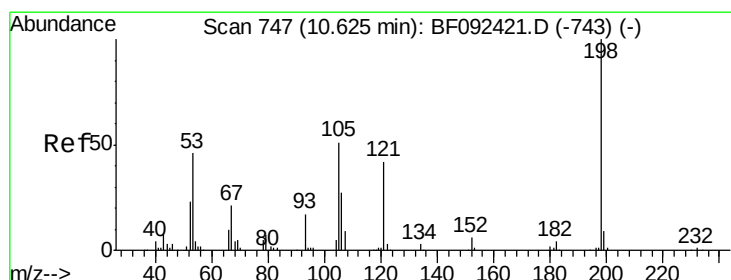
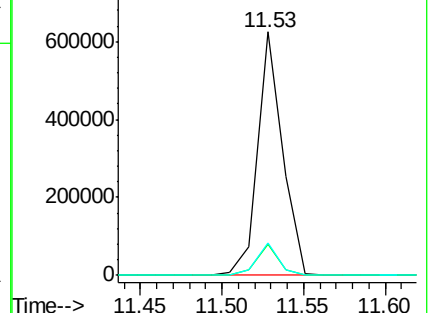
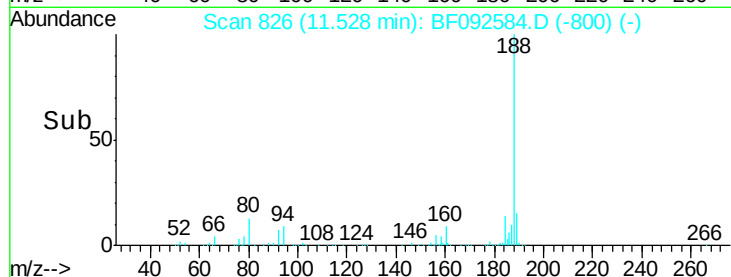
80 13.5 11.2 16.8



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: 48.29 ng

RT: 10.65 min Scan# 749

Delta R.T. 0.02 min

Lab File: BF092584.D

Acq: 27 Jan 2017 19:09

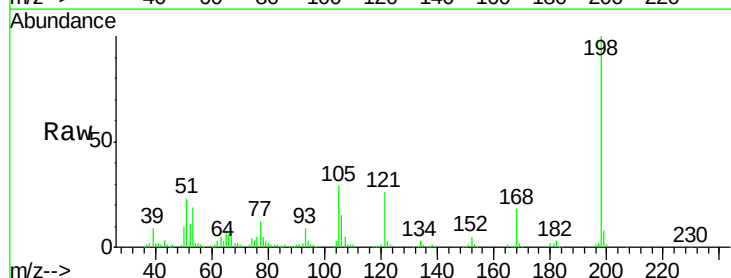
Tgt Ion:198 Resp: 172214

Ion Ratio Lower Upper

198 100

51 23.1 6.7 46.7

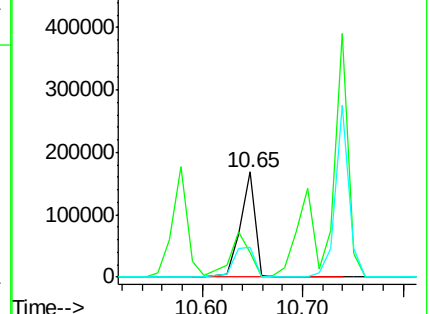
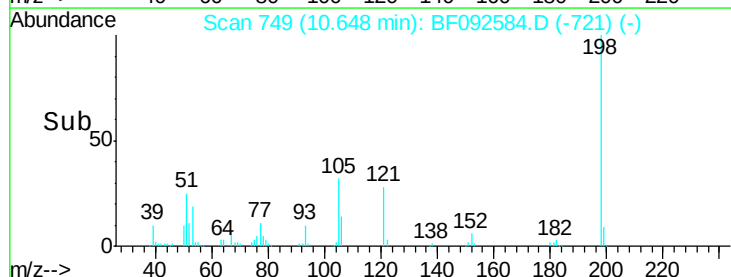
105 29.0 16.6 56.6

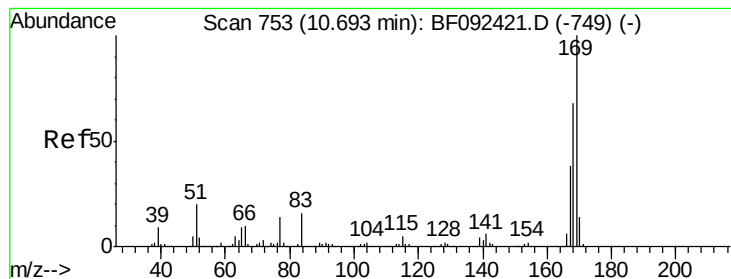


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 45.06 ng

RT: 10.70 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF092584.D

Acq: 27 Jan 2017 19:09

Instrument :

BNA_F

ClientSampleId :

PB96383BS

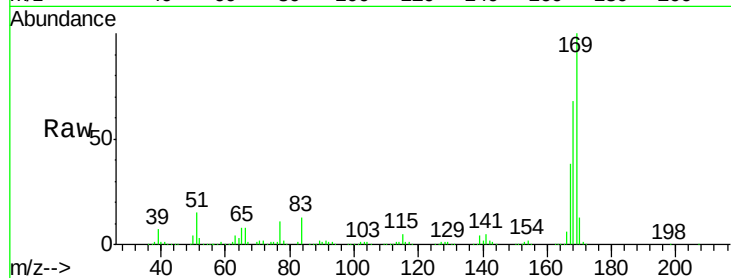
Tgt Ion:169 Resp: 930689

Ion Ratio Lower Upper

169 100

168 68.2 54.2 81.2

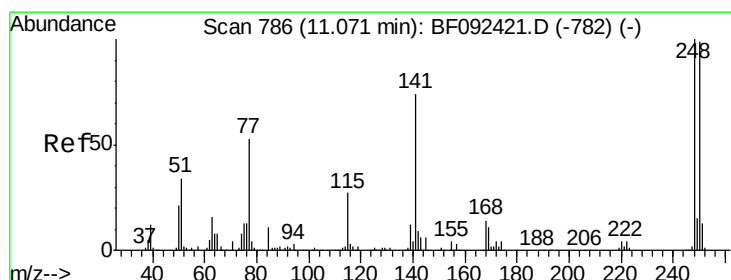
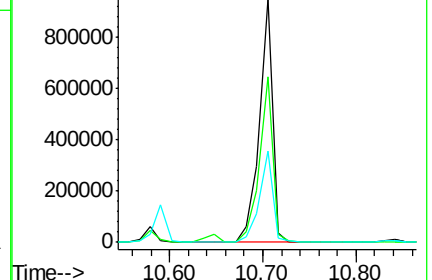
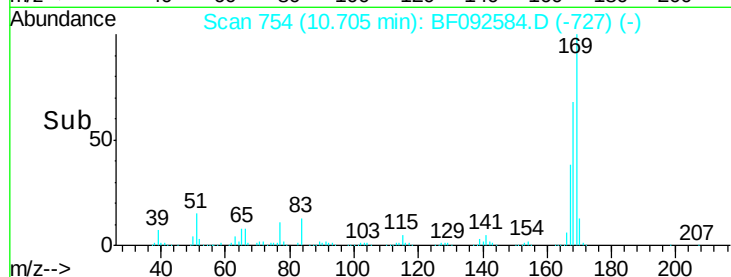
167 37.7 30.2 45.4



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: 41.16 ng

RT: 11.07 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF092584.D

Acq: 27 Jan 2017 19:09

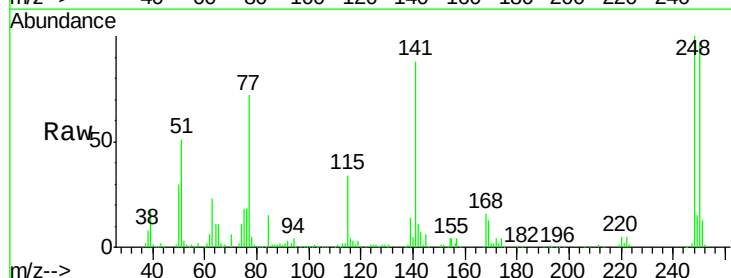
Tgt Ion:248 Resp: 274888

Ion Ratio Lower Upper

248 100

250 97.4 76.9 115.3

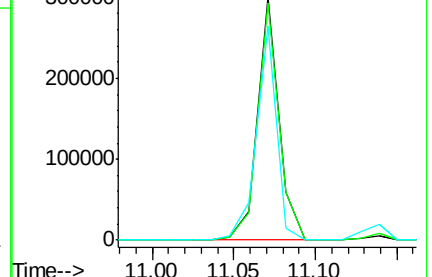
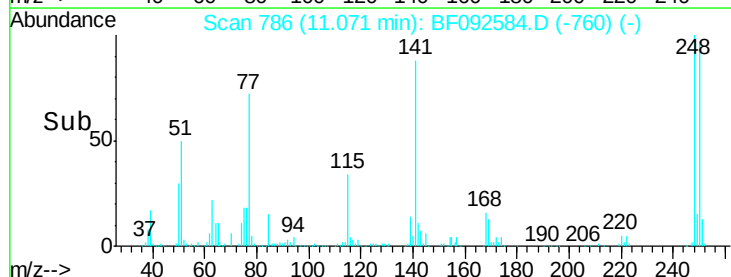
141 87.7 68.2 102.4

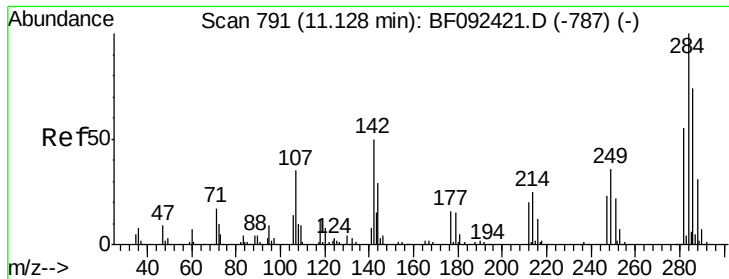


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 43.60 ng

RT: 11.14 min Scan# 792

Delta R.T. 0.01 min

Lab File: BF092584.D

Acq: 27 Jan 2017 19:09

Instrument :

BNA_F

ClientSampleId :

PB96383BS

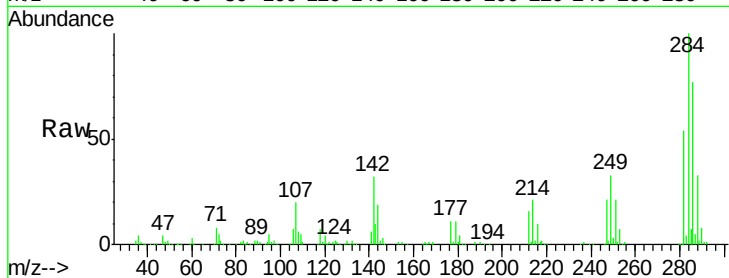
Tgt Ion:284 Resp: 294334

Ion Ratio Lower Upper

284 100

142 32.0 22.6 33.8

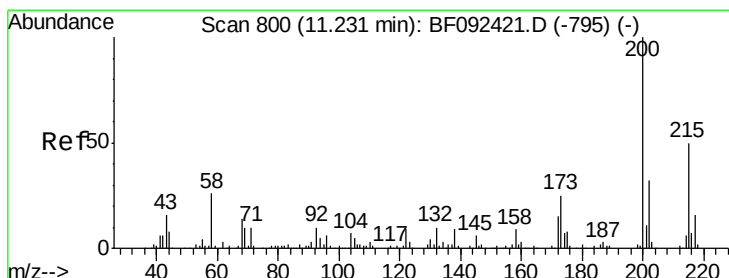
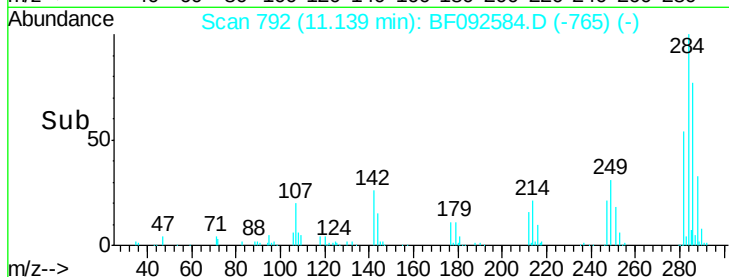
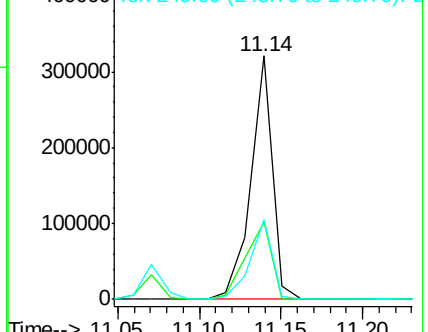
249 32.8 25.4 38.0



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: 44.91 ng

RT: 11.24 min Scan# 801

Delta R.T. 0.01 min

Lab File: BF092584.D

Acq: 27 Jan 2017 19:09

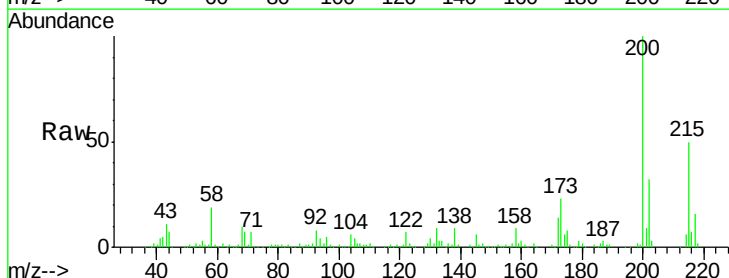
Tgt Ion:200 Resp: 317528

Ion Ratio Lower Upper

200 100

173 23.0 9.6 49.6

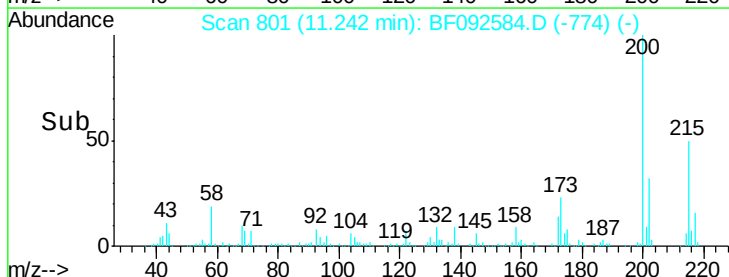
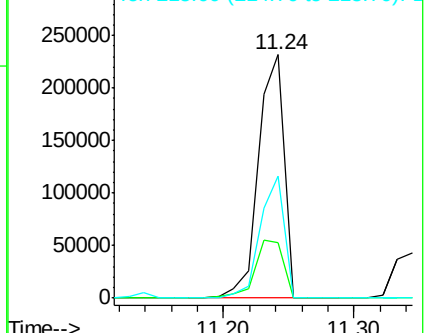
215 50.3 25.7 65.7

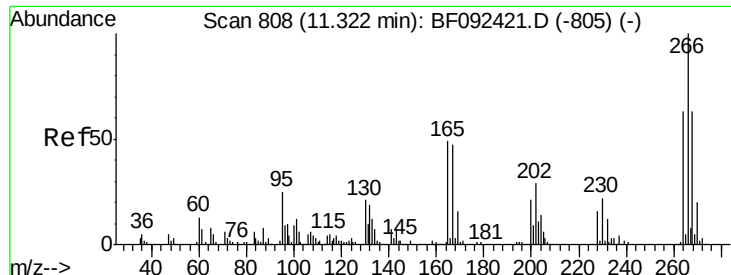


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

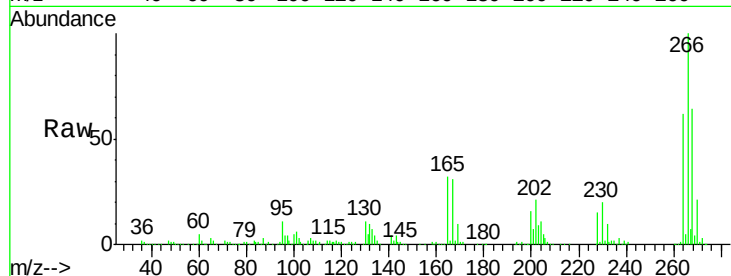




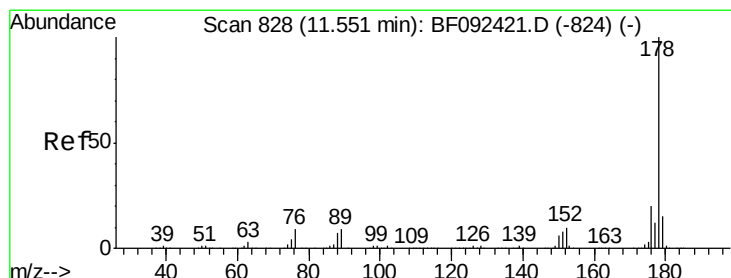
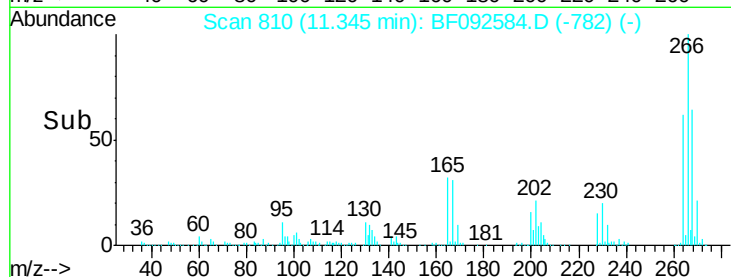
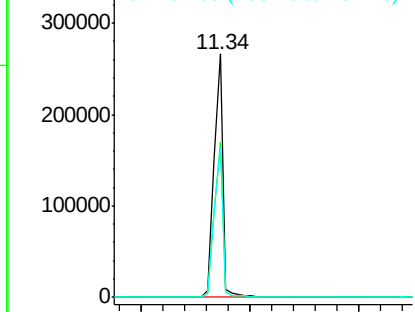
#69
 Pentachlorophenol
 Concen: 72.22 ng
 RT: 11.34 min Scan# 810
 Delta R.T. 0.02 min
 Lab File: BF092584.D
 Acq: 27 Jan 2017 19:09

Instrument :
 BNA_F
 ClientSampleId :
 PB96383BS

Tgt Ion: 266 Resp: 311685
 Ion Ratio Lower Upper
 266 100
 268 63.6 53.3 79.9
 264 61.7 50.3 75.5

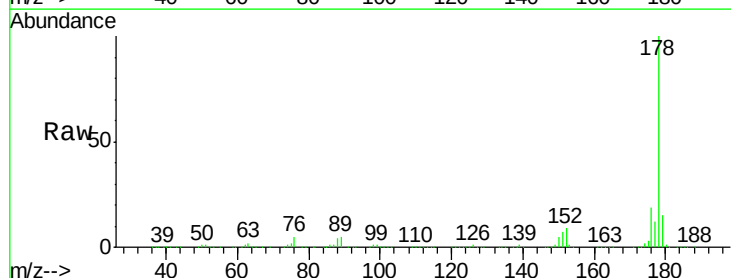


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

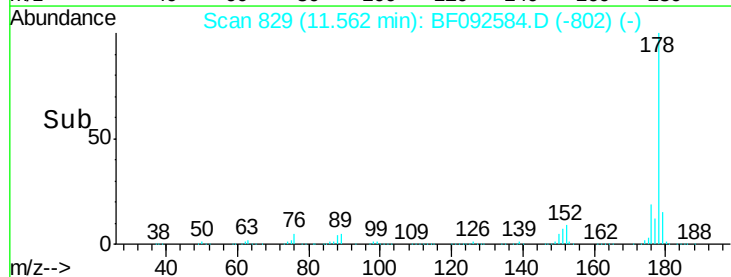
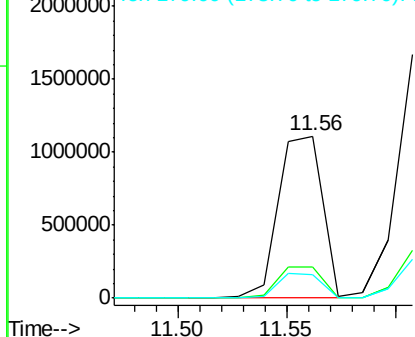


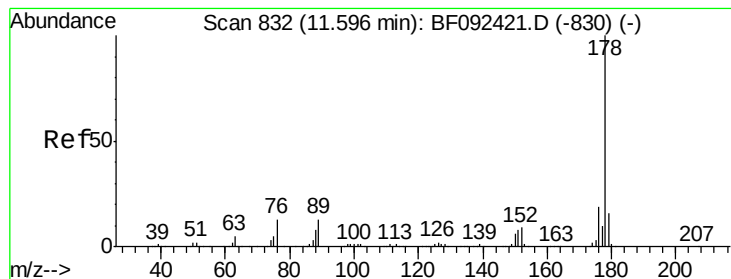
#70
 Phenanthrene
 Concen: 43.31 ng
 RT: 11.56 min Scan# 829
 Delta R.T. 0.01 min
 Lab File: BF092584.D
 Acq: 27 Jan 2017 19:09

Tgt Ion: 178 Resp: 1577630
 Ion Ratio Lower Upper
 178 100
 176 19.4 16.6 25.0
 179 14.9 12.8 19.2



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





#71

Anthracene

Concen: 43.35 ng

RT: 11.61 min Scan# 833

Delta R.T. 0.01 min

Lab File: BF092584.D

Acq: 27 Jan 2017 19:09

Instrument :

BNA_F

ClientSampleId :

PB96383BS

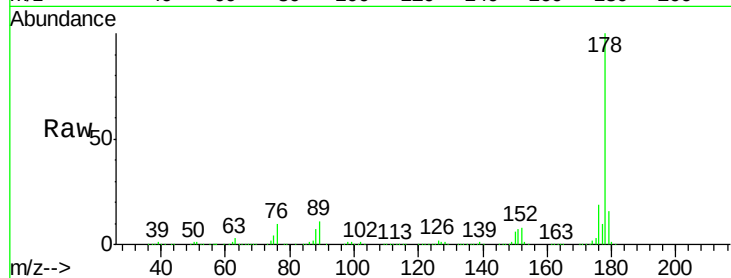
Tgt Ion:178 Resp: 1543082

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.9	23.9
179	15.8	13.2	19.8

178 100

176 19.4 15.9 23.9

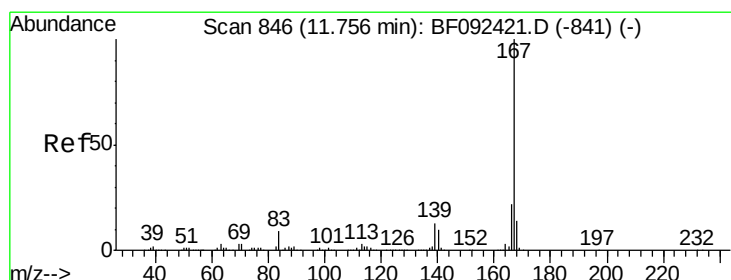
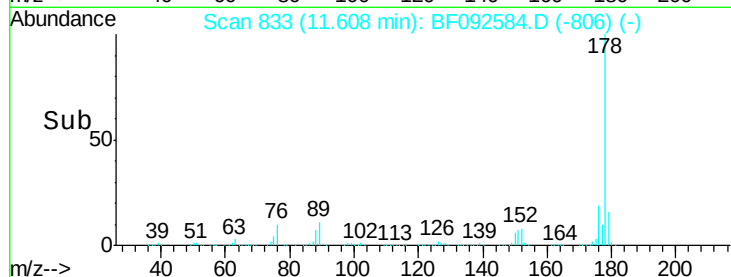
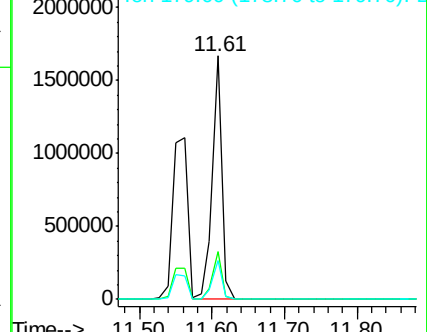
179 15.8 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 42.02 ng

RT: 11.77 min Scan# 847

Delta R.T. 0.01 min

Lab File: BF092584.D

Acq: 27 Jan 2017 19:09

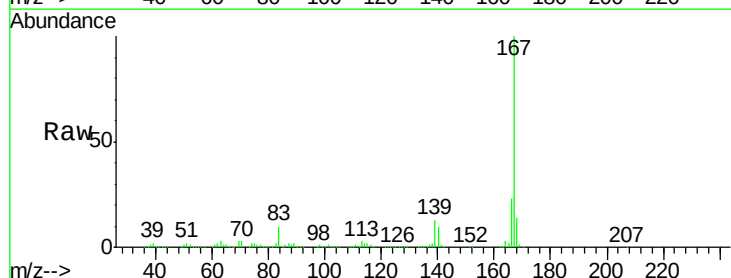
Tgt Ion:167 Resp: 1428171

Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.2	27.2
139	13.4	11.4	17.2

167 100

166 22.7 18.2 27.2

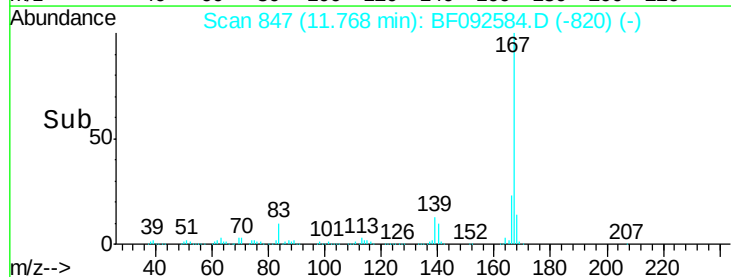
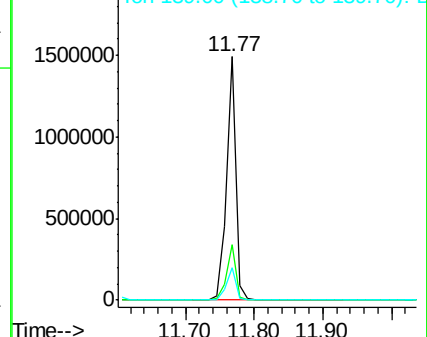
139 13.4 11.4 17.2

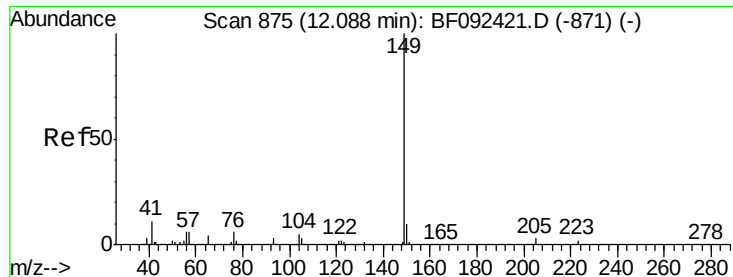


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.38 ng

RT: 12.09 min Scan# 875

Delta R.T. -0.00 min

Lab File: BF092584.D

Acq: 27 Jan 2017 19:09

Instrument :

BNA_F

ClientSampleId :

PB96383BS

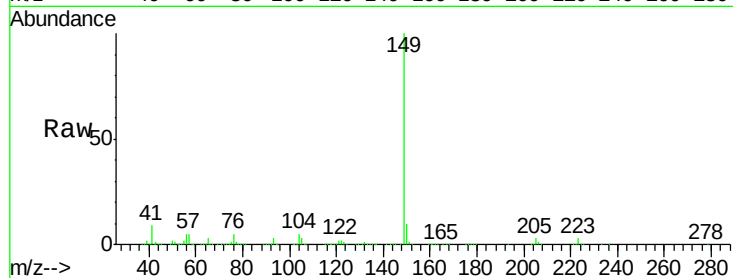
Tgt Ion:149 Resp: 1685996

Ion Ratio Lower Upper

149 100

150 9.7 8.1 12.1

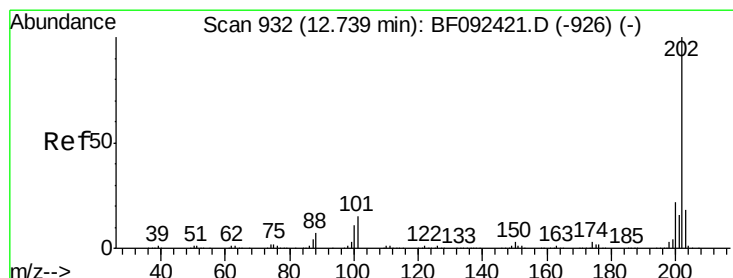
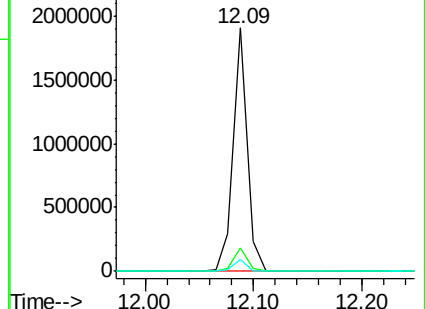
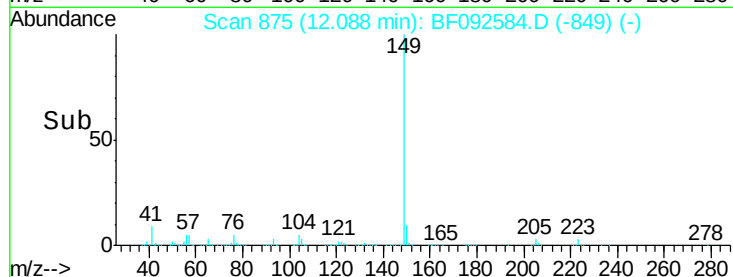
104 4.6 4.6 7.0



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: 47.07 ng

RT: 12.75 min Scan# 933

Delta R.T. 0.01 min

Lab File: BF092584.D

Acq: 27 Jan 2017 19:09

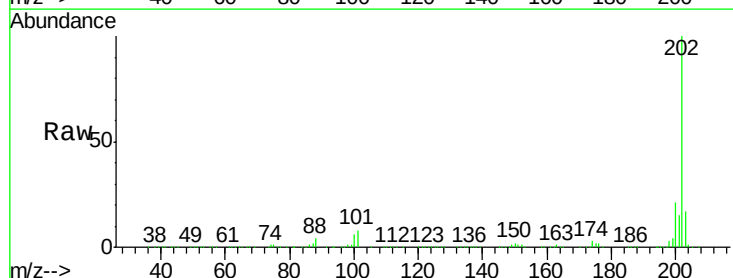
Tgt Ion:202 Resp: 1676928

Ion Ratio Lower Upper

202 100

101 8.0 0.0 34.6

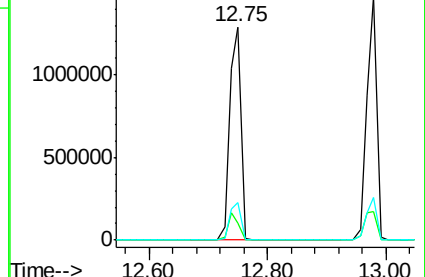
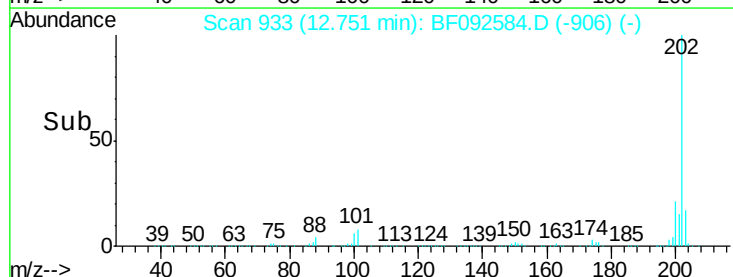
203 17.3 0.0 38.7

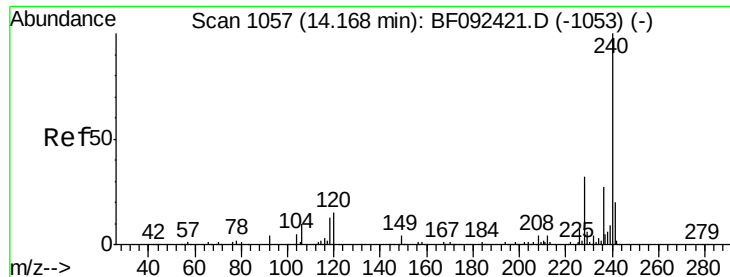


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.18 min Scan# 1058

Delta R.T. 0.01 min

Lab File: BF092584.D

Acq: 27 Jan 2017 19:09

Instrument :

BNA_F

ClientSampleId :

PB96383BS

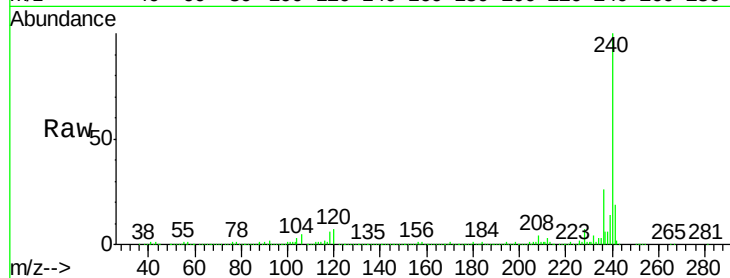
Tgt Ion:240 Resp: 524249

Ion Ratio Lower Upper

240 100

120 7.4 12.9 19.3#

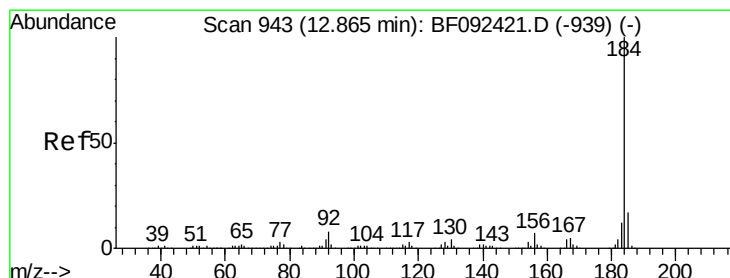
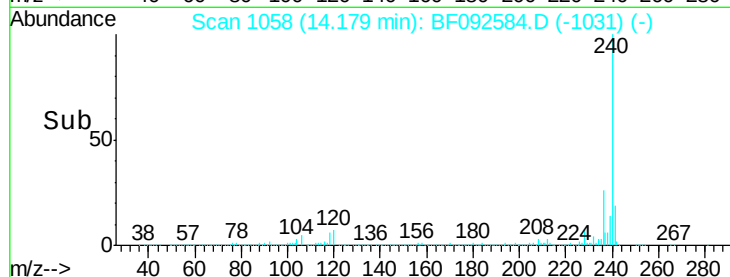
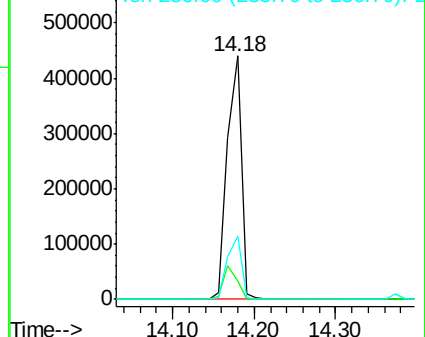
236 26.0 20.9 31.3



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: 21.37 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.00 min

Lab File: BF092584.D

Acq: 27 Jan 2017 19:09

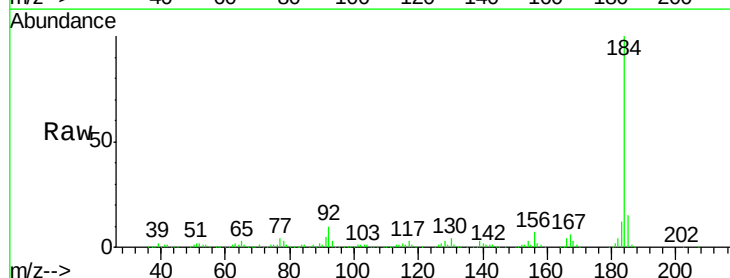
Tgt Ion:184 Resp: 415835

Ion Ratio Lower Upper

184 100

185 14.7 13.4 20.0

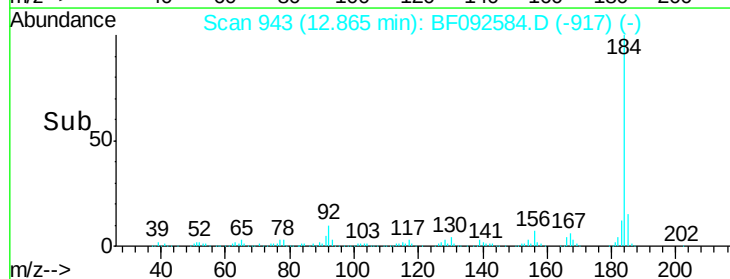
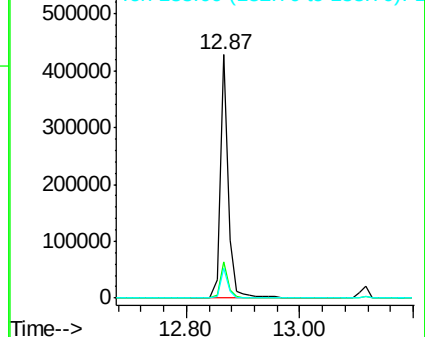
183 12.3 9.2 13.8

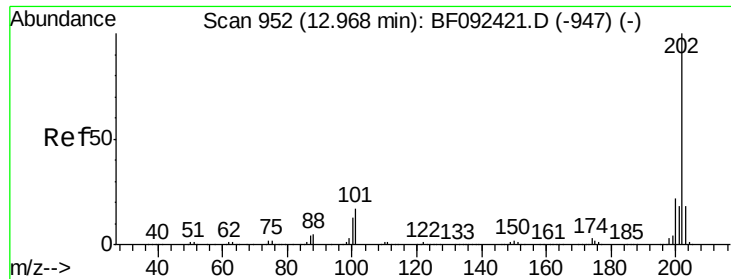


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

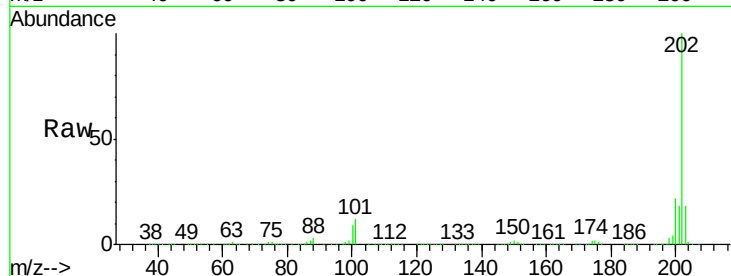




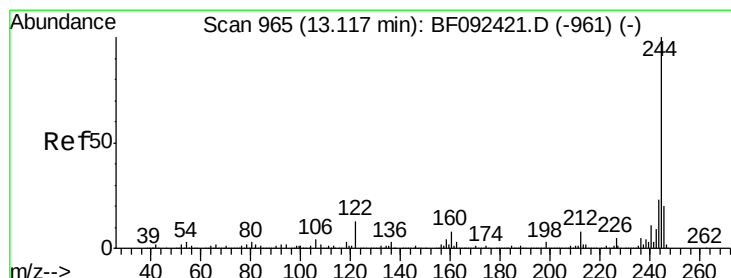
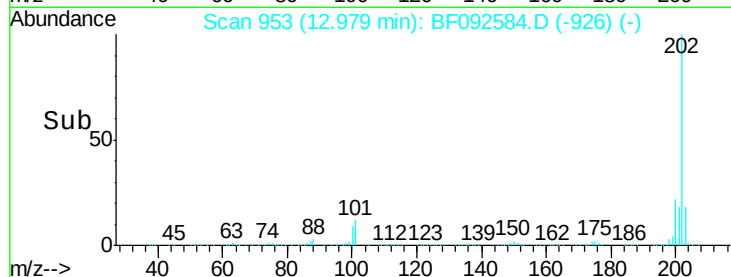
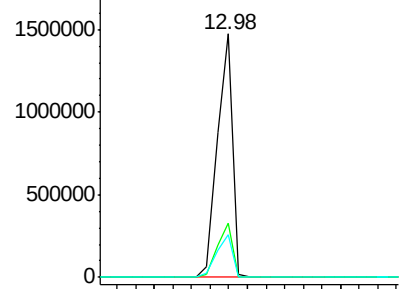
#77
 Pyrene
 Concen: 44.27 ng
 RT: 12.98 min Scan# 953
 Delta R.T. 0.01 min
 Lab File: BF092584.D
 Acq: 27 Jan 2017 19:09

Instrument :
 BNA_F
 ClientSampleId :
 PB96383BS

Tgt Ion:202 Resp: 1681620
 Ion Ratio Lower Upper
 202 100
 200 22.1 17.7 26.5
 203 17.6 14.7 22.1

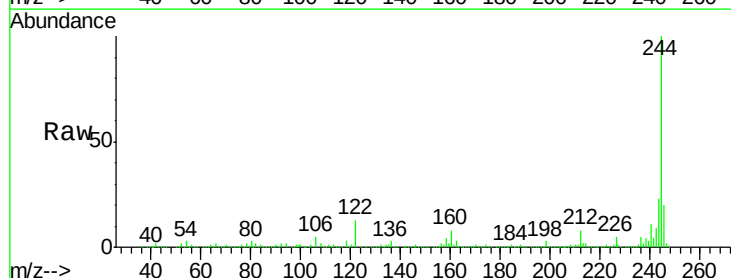


Abundance Ion 202.00 (201.70 to 202.70): E
 2000000 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

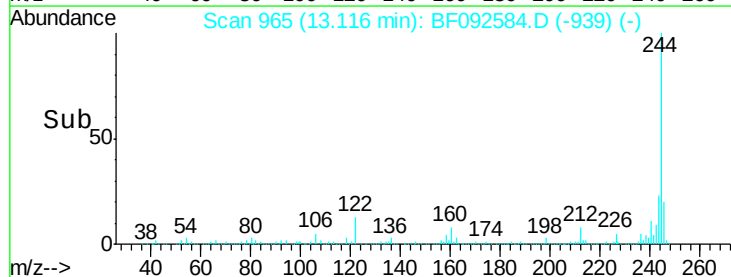
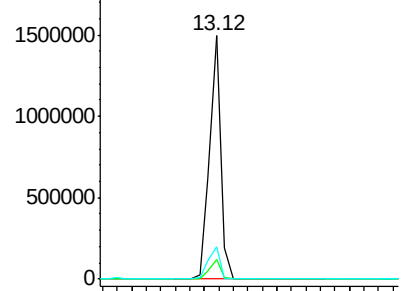


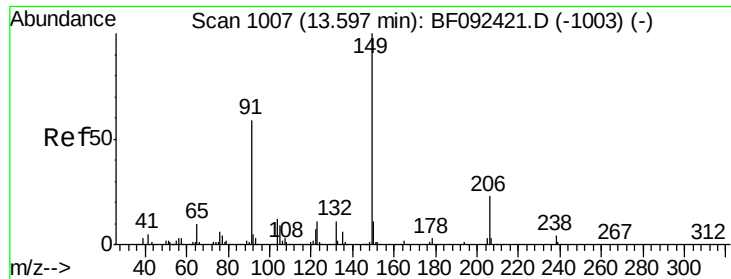
#78
 Terphenyl-d14
 Concen: 81.99 ng
 RT: 13.12 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: BF092584.D
 Acq: 27 Jan 2017 19:09

Tgt Ion:244 Resp: 1614264
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 13.1 11.4 17.2



Abundance Ion 244.00 (243.70 to 244.70): E
 2000000 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

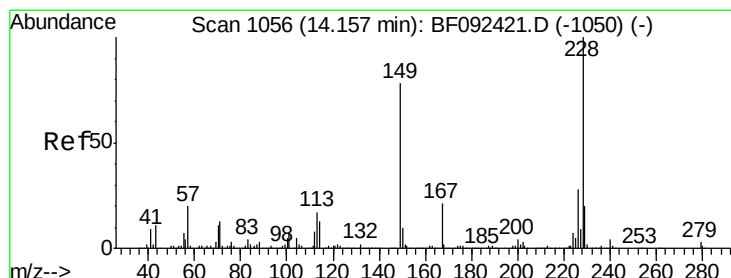
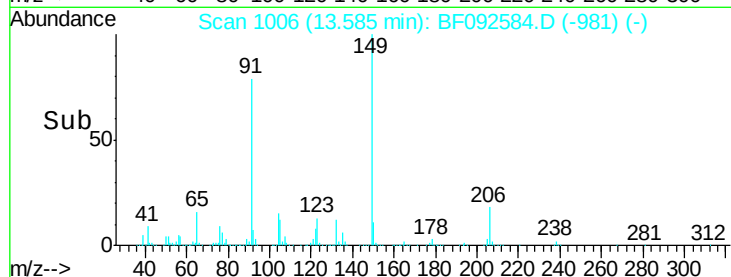
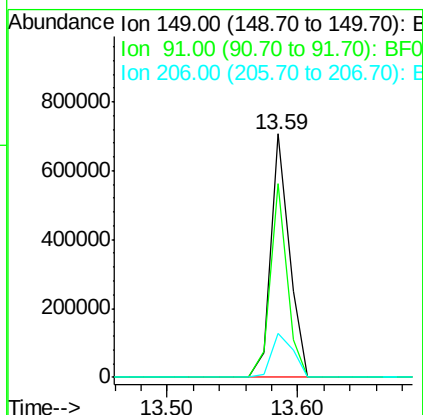
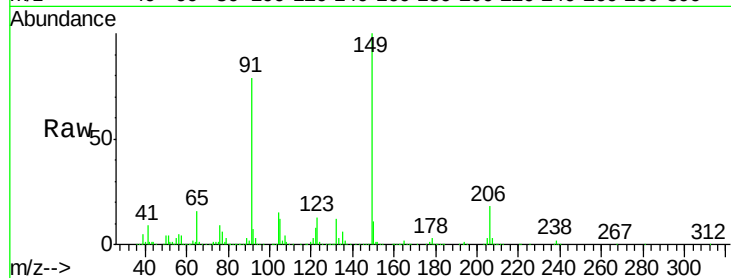




#79
Butylbenzylphthalate
Concen: 46.16 ng
RT: 13.59 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF092584.D
Acq: 27 Jan 2017 19:09

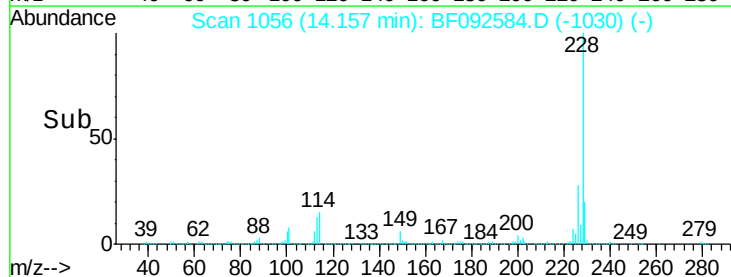
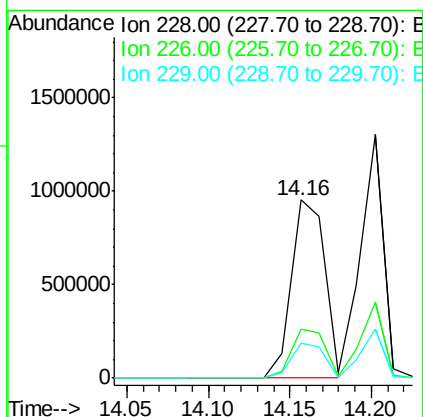
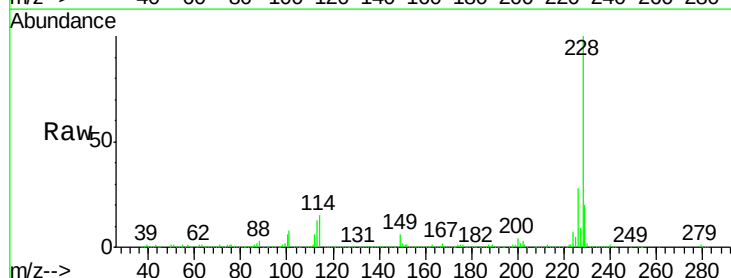
Instrument :
BNA_F
ClientSampleId :
PB96383BS

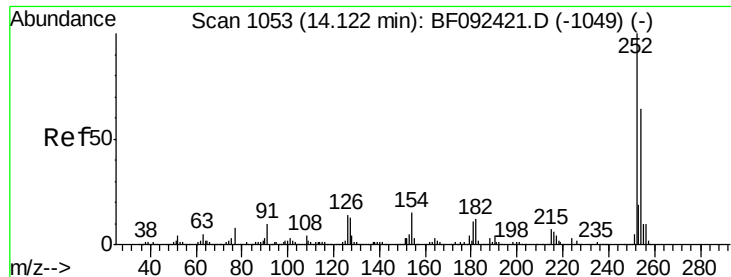
Tgt Ion:149 Resp: 710321
Ion Ratio Lower Upper
149 100
91 79.3 63.9 95.9
206 18.1 14.6 21.8



#80
Benzo(a)anthracene
Concen: 48.25 ng
RT: 14.16 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BF092584.D
Acq: 27 Jan 2017 19:09

Tgt Ion:228 Resp: 1359569
Ion Ratio Lower Upper
228 100
226 27.8 22.4 33.6
229 19.5 16.2 24.4

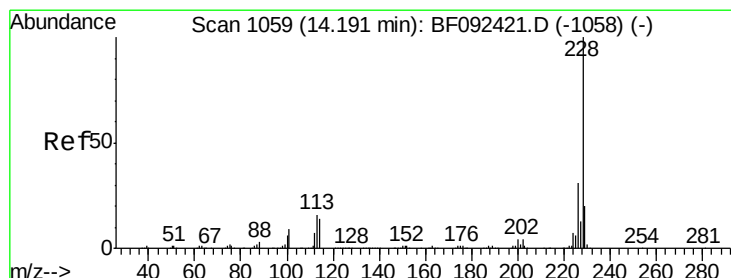
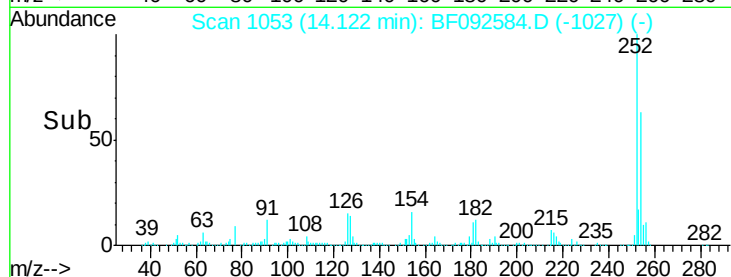
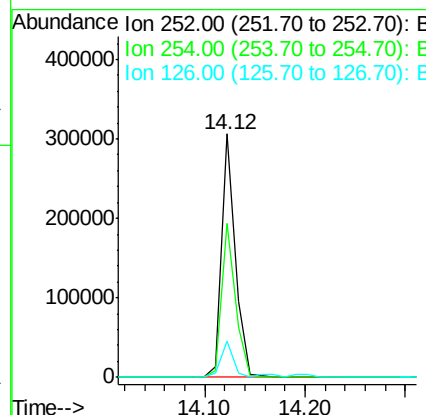
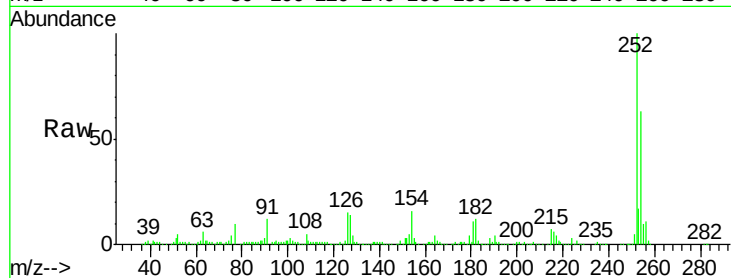




#81
 3,3'-Dichlorobenzidine
 Concen: 27.34 ng
 RT: 14.12 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: BF092584.D
 Acq: 27 Jan 2017 19:09

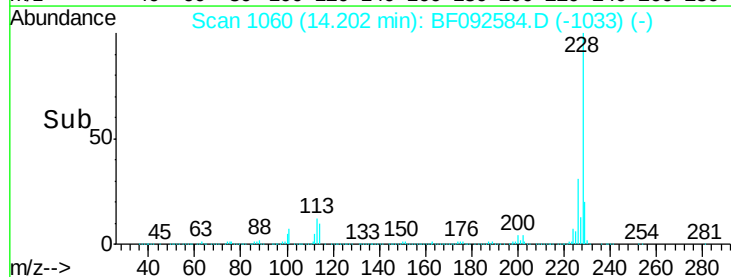
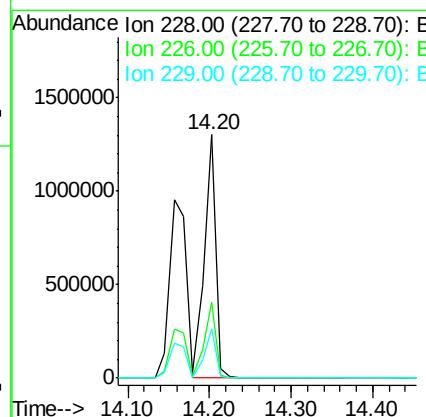
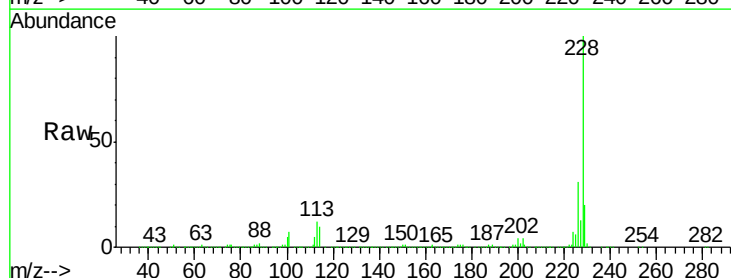
Instrument :
 BNA_F
 ClientSampleId :
 PB96383BS

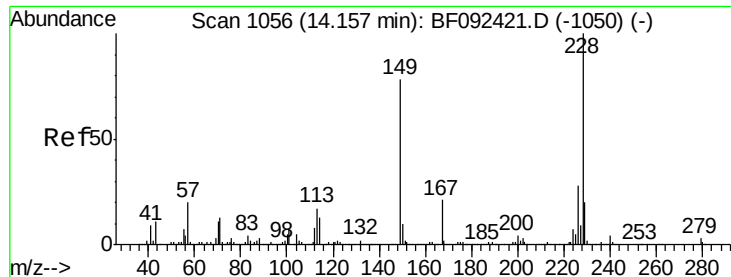
Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.4	52.3	78.5
126	15.0	13.6	20.4



#82
 Chrysene
 Concen: 42.61 ng
 RT: 14.20 min Scan# 1060
 Delta R.T. 0.01 min
 Lab File: BF092584.D
 Acq: 27 Jan 2017 19:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.4	38.0
229	19.9	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.49 ng

RT: 14.15 min Scan# 1055

Delta R.T. -0.01 min

Lab File: BF092584.D

Acq: 27 Jan 2017 19:09

Instrument :

BNA_F

ClientSampleId :

PB96383BS

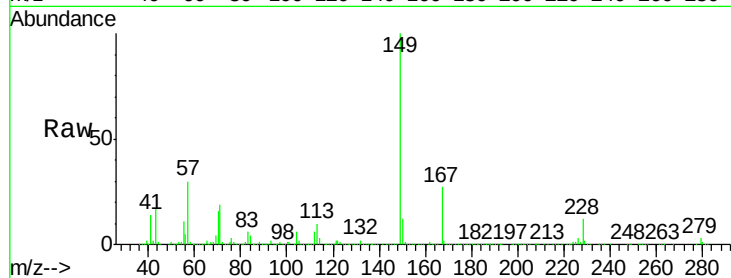
Tgt Ion:149 Resp: 1017309

Ion Ratio Lower Upper

149 100

167 27.4 20.2 30.4

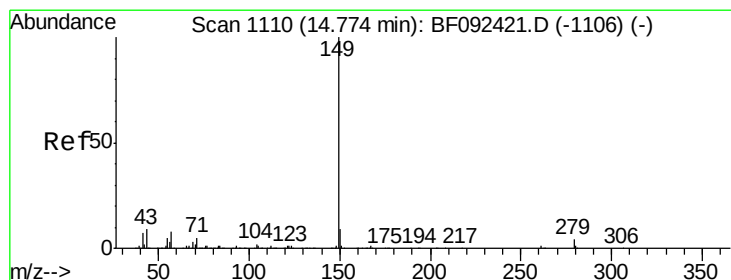
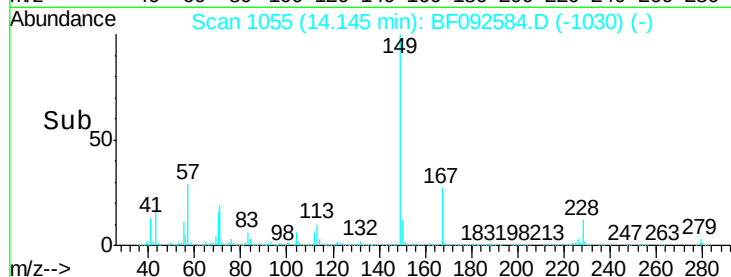
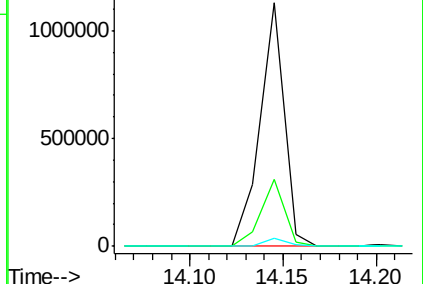
279 3.2 1.8 2.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 51.42 ng

RT: 14.76 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BF092584.D

Acq: 27 Jan 2017 19:09

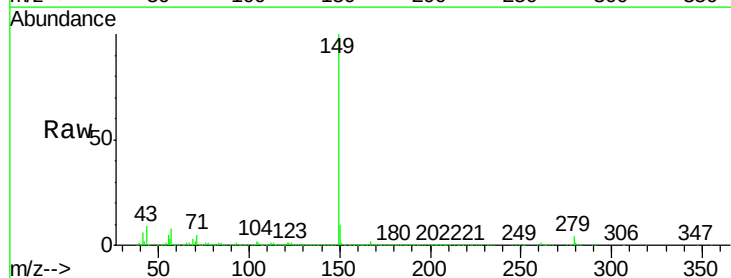
Tgt Ion:149 Resp: 1809277

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

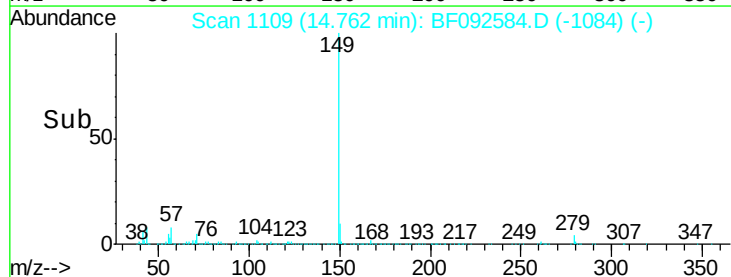
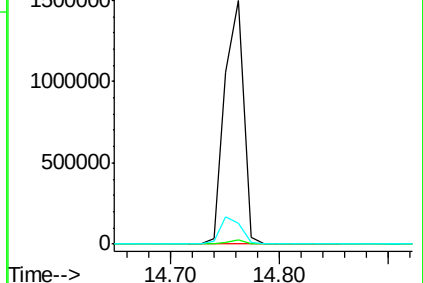
43 11.6 8.9 13.3

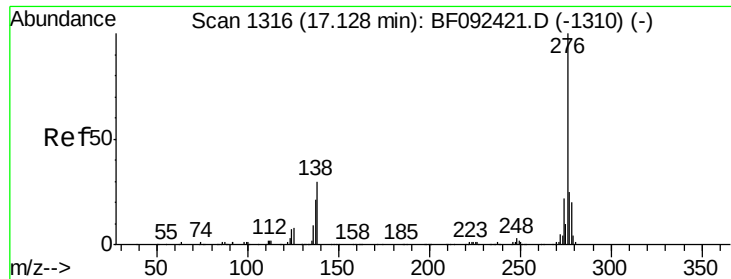


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

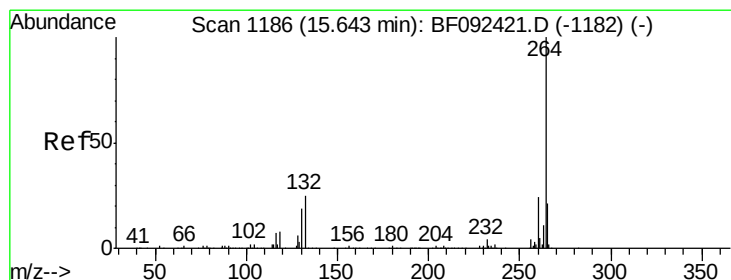
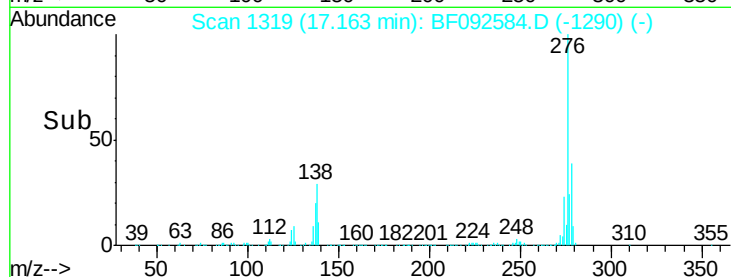
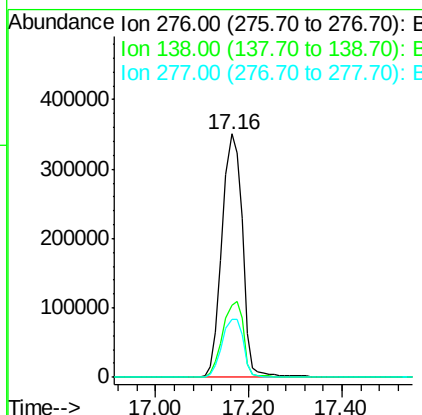
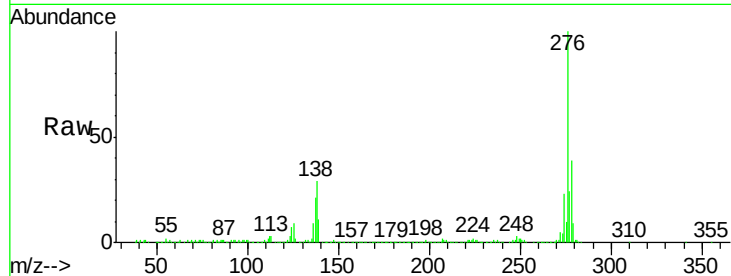




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.11 ng
 RT: 17.16 min Scan# 1319
 Delta R.T. 0.03 min
 Lab File: BF092584.D
 Acq: 27 Jan 2017 19:09

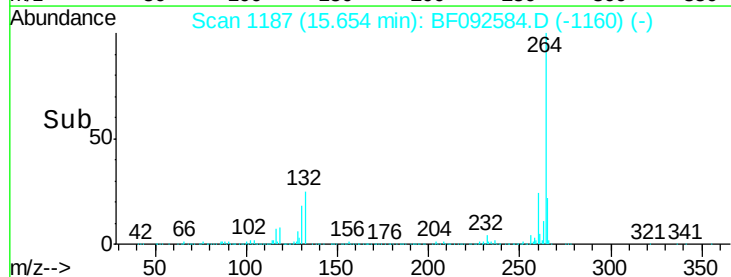
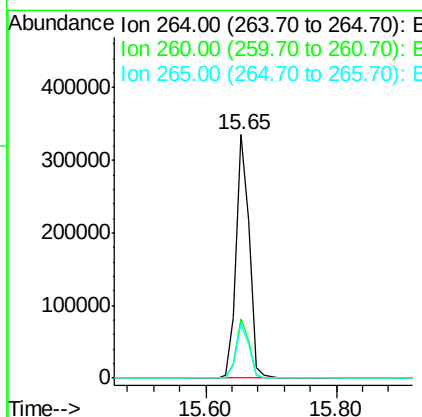
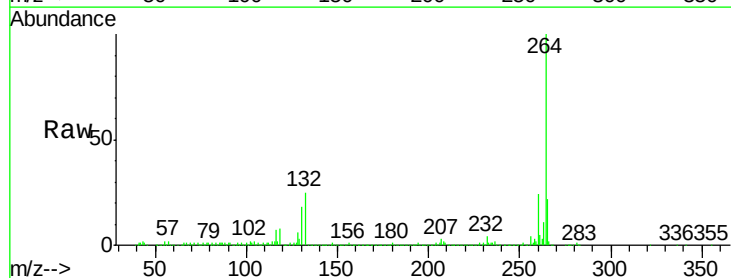
Instrument :
 BNA_F
 ClientSampleId :
 PB96383BS

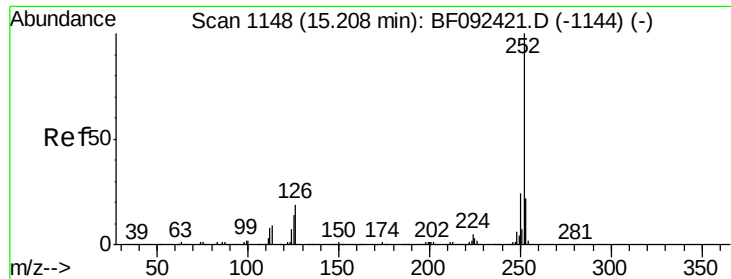
Tgt Ion:276 Resp: 1071107
 Ion Ratio Lower Upper
 276 100
 138 32.0 21.8 32.6
 277 25.1 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.65 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF092584.D
 Acq: 27 Jan 2017 19:09

Tgt Ion:264 Resp: 458700
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 22.1 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 49.27 ng m

RT: 15.22 min Scan# 1149

Delta R.T. 0.01 min

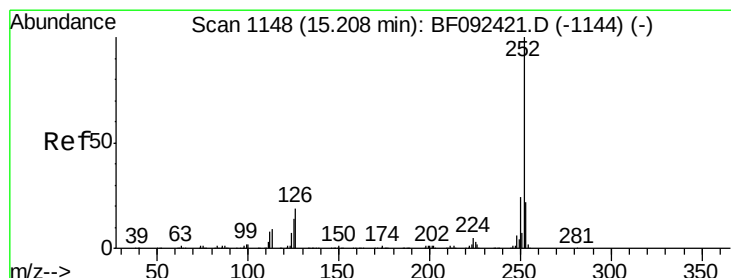
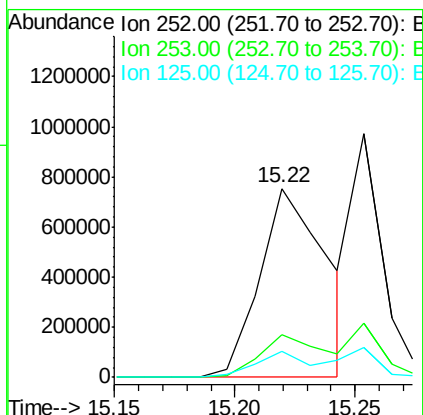
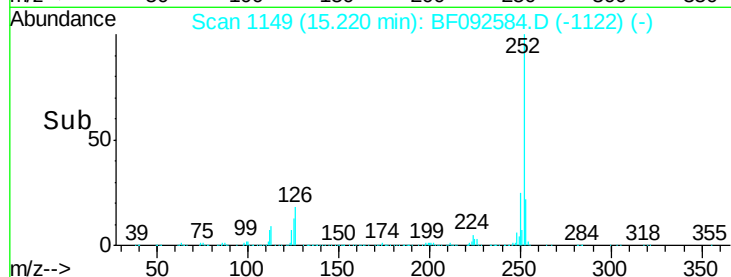
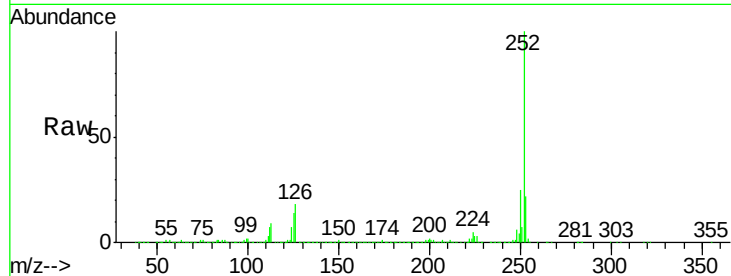
Lab File: BF092584.D

Acq: 27 Jan 2017 19:09

Instrument :
BNA_F
ClientSampleId :
PB96383BS

Tgt Ion:252 Resp: 1450835

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	13.6	9.8	14.6



#88

Benzo(k)fluoranthene

Concen: 34.72 ng m

RT: 15.25 min Scan# 1152

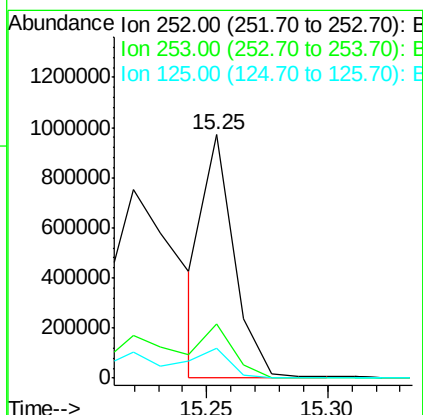
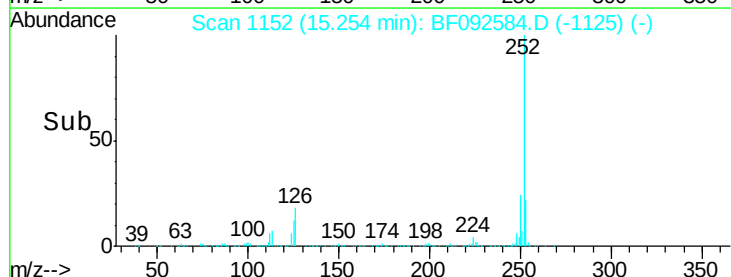
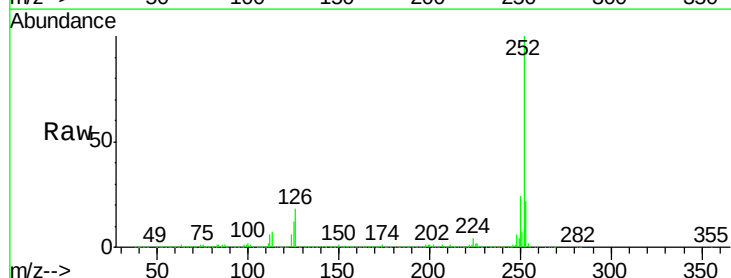
Delta R.T. 0.01 min

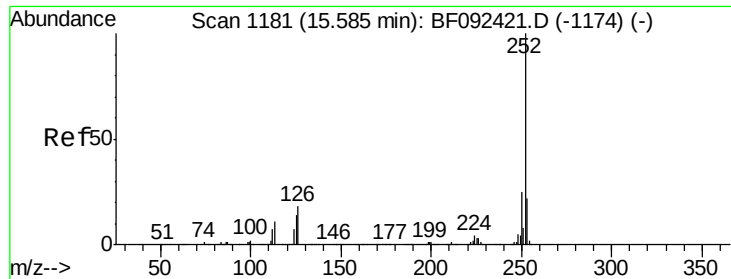
Lab File: BF092584.D

Acq: 27 Jan 2017 19:09

Tgt Ion:252 Resp: 850116

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.5	27.7
125	12.3	8.9	13.3





#89

Benzo(a)pyrene

Concen: 44.37 ng

RT: 15.60 min Scan# 1182

Delta R.T. 0.01 min

Lab File: BF092584.D

Acq: 27 Jan 2017 19:09

Instrument :

BNA_F

ClientSampleId :

PB96383BS

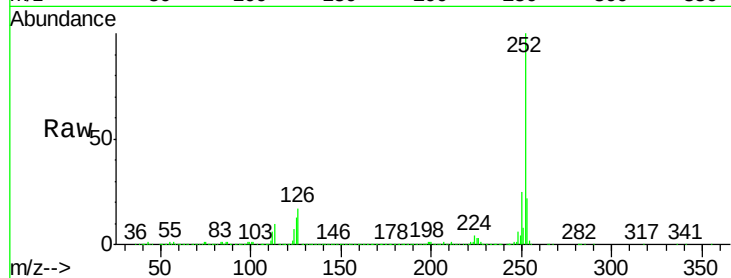
Tgt Ion:252 Resp: 1105253

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.2

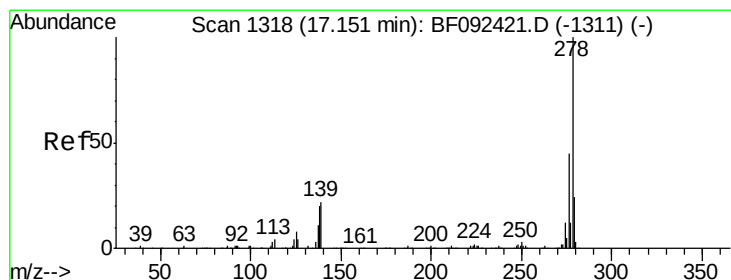
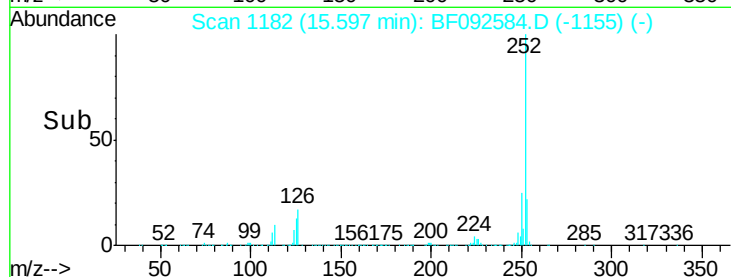
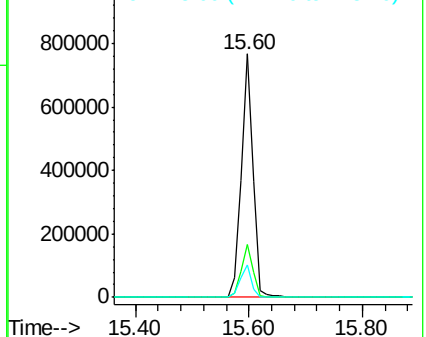
125 13.4 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 44.09 ng

RT: 17.19 min Scan# 1321

Delta R.T. 0.03 min

Lab File: BF092584.D

Acq: 27 Jan 2017 19:09

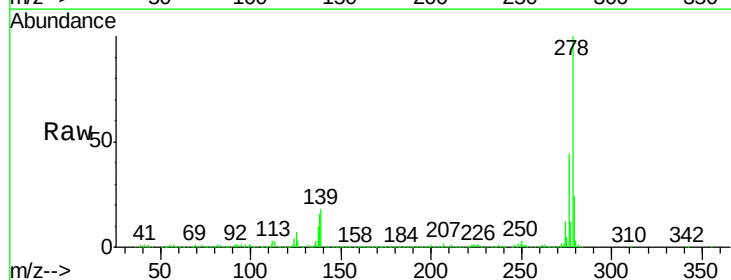
Tgt Ion:278 Resp: 888152

Ion Ratio Lower Upper

278 100

139 18.2 14.8 22.2

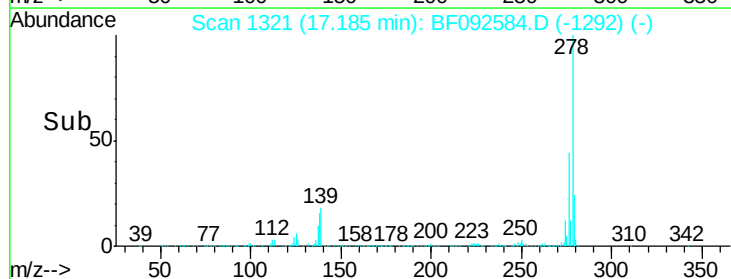
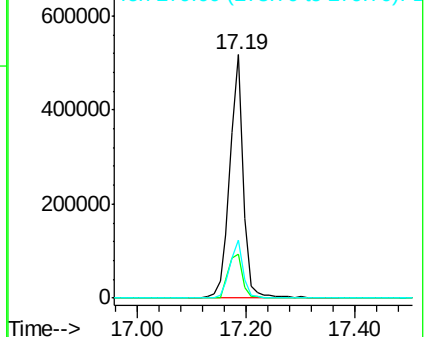
279 24.0 19.8 29.6

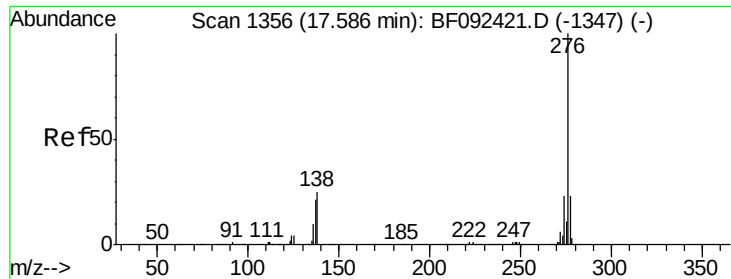


Abundance Ion 278.00 (277.70 to 278.70): E

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: 44.33 ng

RT: 17.62 min Scan# 1359

Delta R.T. 0.03 min

Lab File: BF092584.D

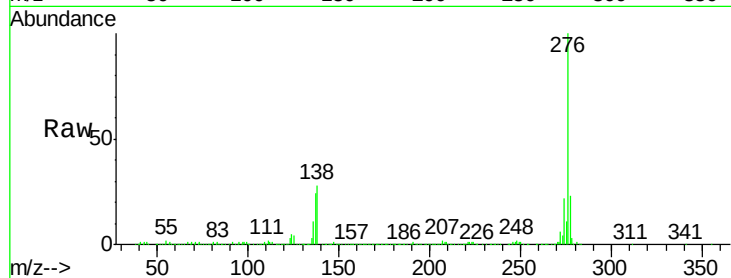
Acq: 27 Jan 2017 19:09

Instrument :

BNA_F

ClientSampleId :

PB96383BS



Tgt Ion:	276	Resp:	903128
Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.2	28.8
138	27.8	16.0	24.0

