

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
 Data File : BF092478.D
 Acq On : 25 Jan 2017 16:00
 Operator : SJ/MA
 Sample : PB96241BSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96241BSD

Quant Time: Jan 26 14:14:29 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	169667	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	694306	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	404324	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	630098	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	518831	20.00	ng	-0.01
86) Perylene-d12	15.63	264	411598	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1162942	106.64	ng	0.02
7) Phenol-d6	6.59	99	1684821	121.29	ng	0.00
23) Nitrobenzene-d5	7.54	82	1061701	83.53	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	307536	111.62	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1673834	76.55	ng	-0.01
78) Terphenyl-d14	13.10	244	1523745	78.20	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.73	88	205724	35.47	ng	85
3) Pyridine	3.47	79	577509	34.98	ng	86
4) n-Nitrosodimethylamine	3.42	42	293326	36.21	ng	82
6) Aniline	6.62	93	514610	24.84	ng	# 47
8) 2-Chlorophenol	6.75	128	459685	40.13	ng	93
9) Benzaldehyde	6.51	77	271032	27.49	ng	90
10) Phenol	6.61	94	578419	34.50	ng	# 67
11) bis(2-Chloroethyl)ether	6.70	93	513043	40.90	ng	94
12) 1,3-Dichlorobenzene	6.91	146	530387m	39.15	ng	
13) 1,4-Dichlorobenzene	6.99	146	556449	40.81	ng	94
14) 1,2-Dichlorobenzene	7.14	146	474667	36.70	ng	99
15) Benzyl Alcohol	7.10	79	458339	43.78	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.25	45	942544	37.98	ng	92
17) 2-Methylphenol	7.22	107	416407	42.55	ng	96
18) Hexachloroethane	7.48	117	190279	40.51	ng	# 87
19) n-Nitroso-di-n-propylamine	7.39	70	378941	40.06	ng	95
20) 3+4-Methylphenols	7.38	107	525193	44.23	ng	95
22) Acetophenone	7.38	105	682614	41.28	ng	# 86
24) Nitrobenzene	7.55	77	536855	40.32	ng	100
25) Isophorone	7.80	82	1049069	41.88	ng	98
26) 2-Nitrophenol	7.87	139	247829	44.42	ng	92
27) 2,4-Dimethylphenol	7.92	122	491098	42.32	ng	92
28) bis(2-Chloroethoxy)methane	8.01	93	610236	37.12	ng	98
29) 2,4-Dichlorophenol	8.11	162	431973	42.94	ng	88
30) 1,2,4-Trichlorobenzene	8.20	180	435916	40.09	ng	95
31) Naphthalene	8.28	128	1338376	37.66	ng	99
32) Benzoic acid	8.04	122	332444	39.27	ng	91
33) 4-Chloroaniline	8.33	127	251146	16.71	ng	96
34) Hexachlorobutadiene	8.41	225	236591	39.78	ng	99
35) Caprolactam	8.70	113	155380m	46.25	ng	
36) 4-Chloro-3-methylphenol	8.82	107	488042	44.98	ng	92
37) 2-Methylnaphthalene	8.98	142	920054	40.90	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	440935	43.23	ng	99
40) Hexachlorocyclopentadiene	9.14	237	432313	84.64	ng	97

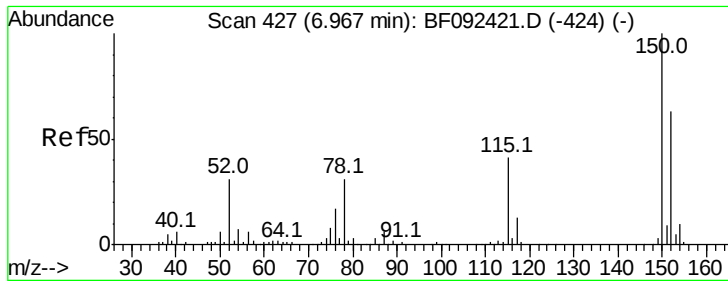
Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
 Data File : BF092478.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	327518	41.91	nq	91
43) 2,4,5-Trichlorophenol	9.30	196	302761	42.34	nq #	87
45) 1,1'-Biphenyl	9.45	154	1129227	38.64	nq	97
46) 2-Chloronaphthalene	9.47	162	853809	35.77	nq	96
47) 2-Nitroaniline	9.56	65	283734	35.29	nq	92
48) Acenaphthylene	9.89	152	1478193	42.22	nq	98
49) Dimethylphthalate	9.76	163	1122335	43.65	nq	100
50) 2,6-Dinitrotoluene	9.81	165	254454	48.42	nq	87
51) Acenaphthene	10.06	154	1010974	46.47	nq	99
52) 3-Nitroaniline	9.97	138	149481	22.71	nq	96
53) 2,4-Dinitrophenol	10.09	184	253590	75.36	nq	97
54) Dibenzofuran	10.24	168	1285802	43.52	nq	95
55) 4-Nitrophenol	10.13	139	378842	72.48	nq	95
56) 2,4-Dinitrotoluene	10.21	165	316786	45.41	nq	95
57) Fluorene	10.58	166	969720	44.27	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.35	232	254013	47.42	nq	98
59) Diethylphthalate	10.45	149	1019514	41.35	nq	98
60) 4-Chlorophenyl-phenylether	10.57	204	409530	38.55	nq	92
61) 4-Nitroaniline	10.59	138	266153	40.43	nq	94
62) Azobenzene	10.73	77	1133559	40.40	nq	96
64) 4,6-Dinitro-2-methylphenol	10.62	198	176347	51.53	nq	93
65) n-Nitrosodiphenylamine	10.69	169	869844	44.21	nq	100
66) 4-Bromophenyl-phenylether	11.06	248	251606	39.55	nq	98
67) Hexachlorobenzene	11.13	284	270257	42.03	nq	95
68) Atrazine	11.22	200	285585	42.40	nq	97
69) Pentachlorophenol	11.32	266	327964	79.77	nq	99
70) Phenanthrene	11.54	178	1309424	37.74	nq	99
71) Anthracene	11.60	178	1484550	43.78	nq	98
72) Carbazole	11.74	167	1321928	40.83	nq	99
73) Di-n-butylphthalate	12.08	149	1469100	39.68	nq	98
74) Fluoranthene	12.73	202	1348776	39.74	nq	99
76) Benzidine	12.84	184	462864	24.03	nq	98
77) Pyrene	12.96	202	1361201	36.21	nq	99
79) Butylbenzylphthalate	13.57	149	667227	43.81	nq	98
80) Benzo(a)anthracene	14.15	228	1141961	40.95	nq	99
81) 3,3'-Dichlorobenzidine	14.11	252	244887	23.13	nq #	95
82) Chrysene	14.18	228	1017474	34.17	nq	99
83) Bis(2-ethylhexyl)phthalate	14.13	149	804967	41.97	nq	100
84) Di-n-octyl phthalate	14.75	149	1510101	43.37	nq	97
85) Indeno(1,2,3-cd)pyrene	17.12	276	947613	43.01	nq #	94
87) Benzo(b)fluoranthene	15.20	252	1250831	47.34	nq	98
88) Benzo(k)fluoranthene	15.23	252	808856m	36.81	nq	
89) Benzo(a)pyrene	15.57	252	987160	44.16	nq	98
90) Dibenzo(a,h)anthracene	17.14	278	797281	44.11	nq	99
91) Benzo(g,h,i)perylene	17.56	276	778352	42.58	nq #	90

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF092478.D

Acq: 25 Jan 2017 16:00

Instrument :

BNA_F

ClientSampleId :

PB96241BSD

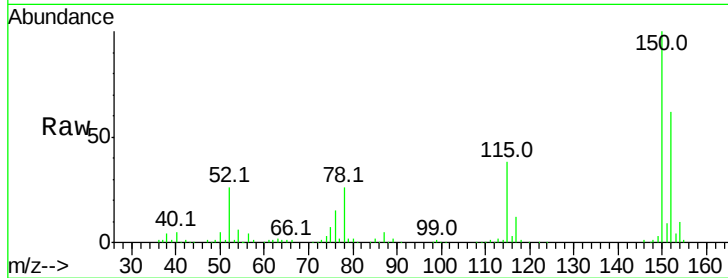
Tot Ion:152 Resp: 169667

Ion Ratio Lower Upper

152 100

150 160.5 124.9 187.3

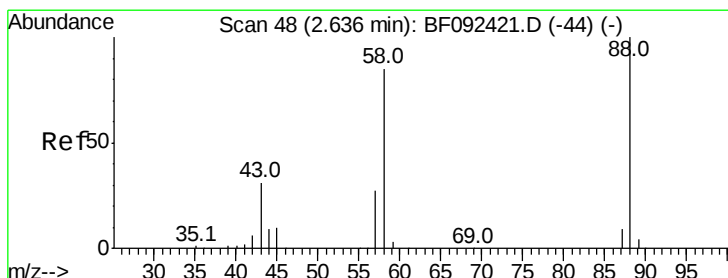
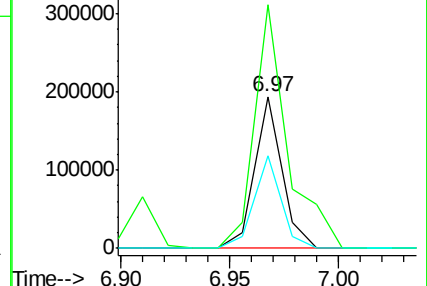
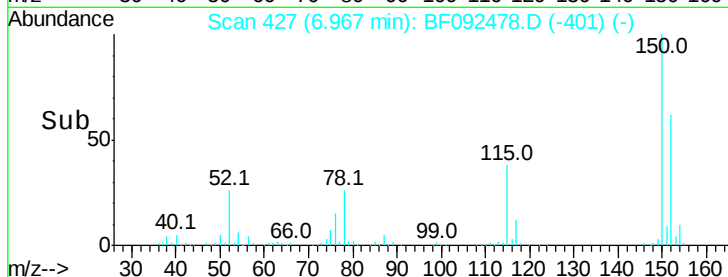
115 60.9 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.47 ng

RT: 2.73 min Scan# 56

Delta R.T. 0.09 min

Lab File: BF092478.D

Acq: 25 Jan 2017 16:00

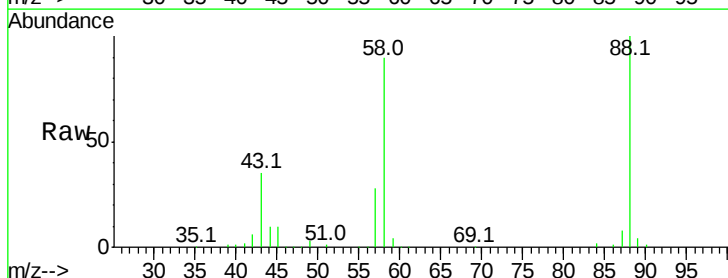
Tgt Ion: 88 Resp: 205724

Ion Ratio Lower Upper

88 100

58 86.5 57.8 86.8

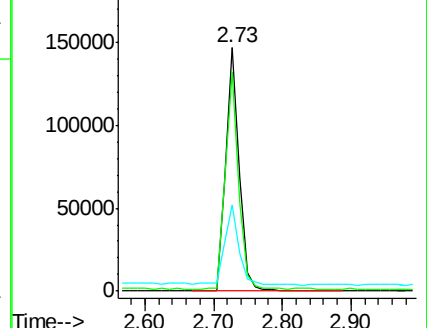
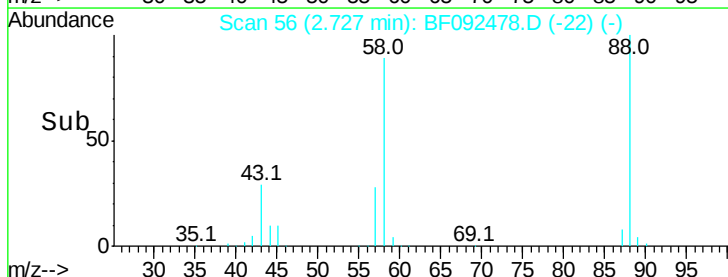
43 33.5 22.3 33.5

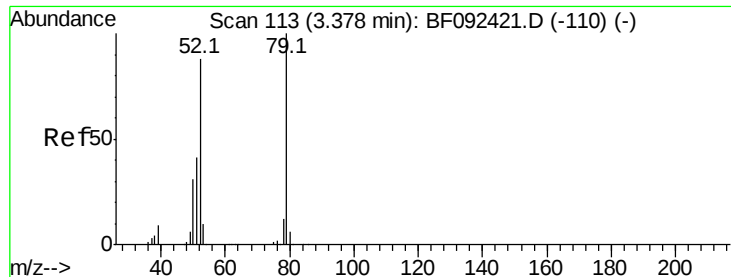


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 34.98 ng

RT: 3.47 min Scan# 121

Delta R.T. 0.09 min

Lab File: BF092478.D

Acq: 25 Jan 2017 16:00

Instrument :

BNA_F

ClientSampleId :

PB96241BSD

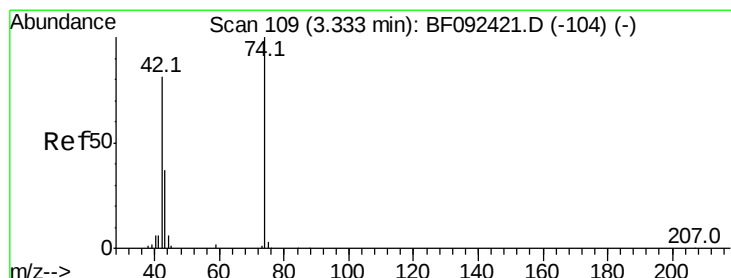
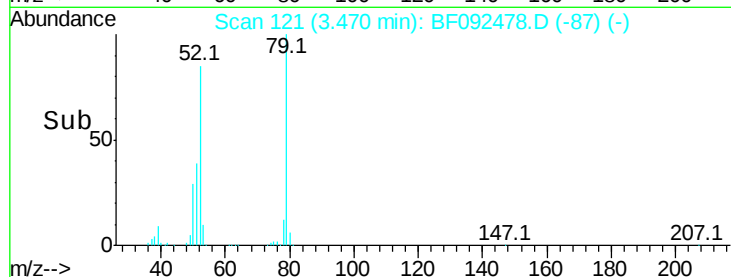
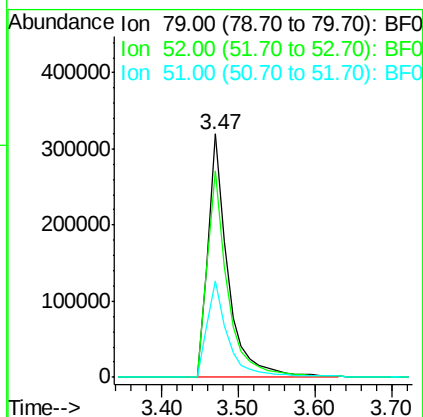
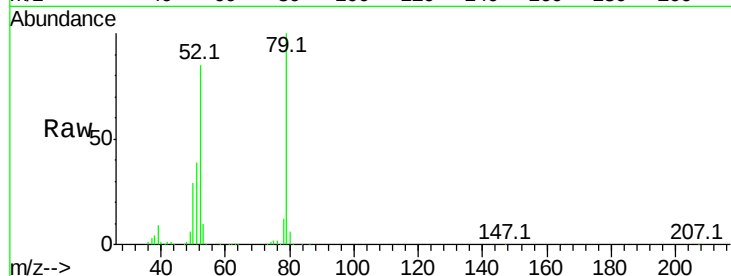
Tot Ion: 79 Resp: 577509

Ion Ratio Lower Upper

79 100

52 84.7 57.1 85.7

51 39.4 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 36.21 ng

RT: 3.42 min Scan# 117

Delta R.T. 0.09 min

Lab File: BF092478.D

Acq: 25 Jan 2017 16:00

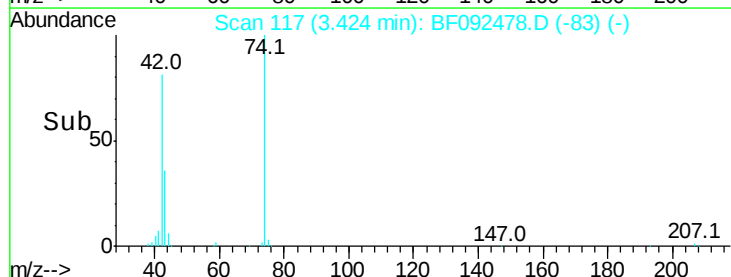
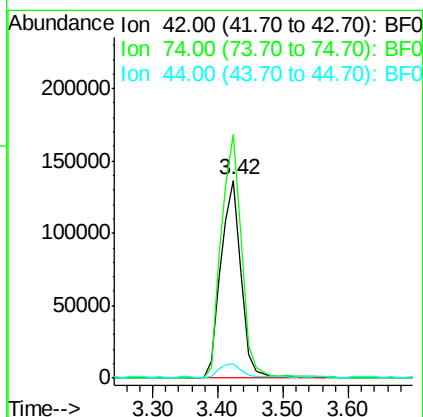
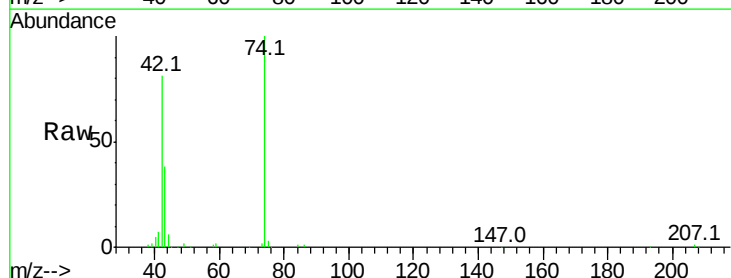
Tgt Ion: 42 Resp: 293326

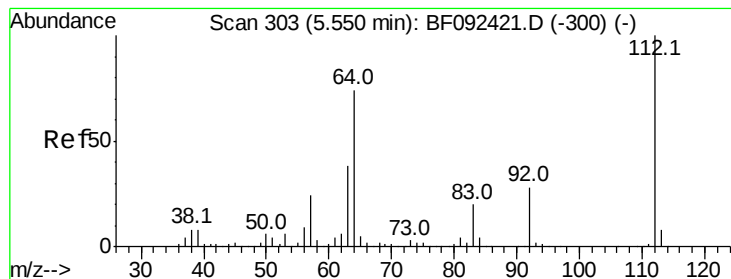
Ion Ratio Lower Upper

42 100

74 123.2 117.0 175.4

44 7.6 5.5 8.3





#5

2-Fluorophenol

Concen: 106.64 ng

RT: 5.57 min Scan# 305

Delta R.T. 0.02 min

Lab File: BF092478.D

Acq: 25 Jan 2017 16:00

Instrument :

BNA_F

ClientSampled :

PB96241BSD

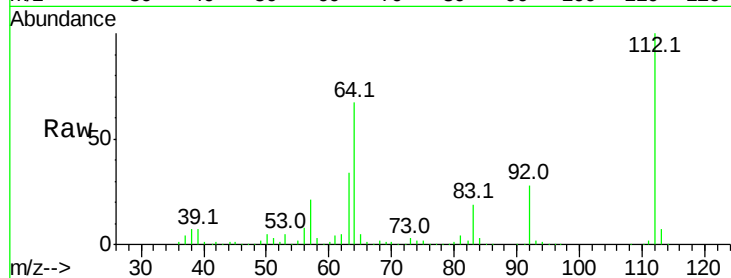
Tot Ion:112 Resp: 1162942

Ion Ratio Lower Upper

112 100

64 66.8 46.1 69.1

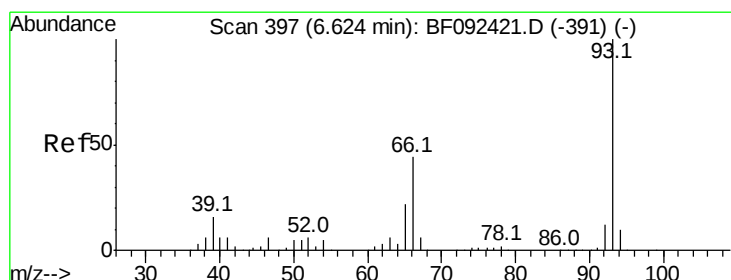
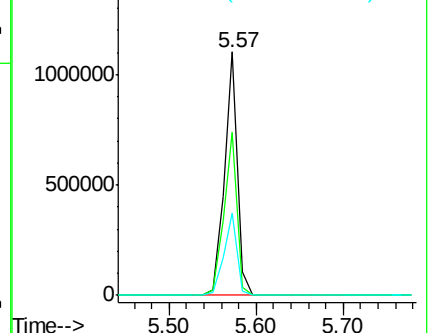
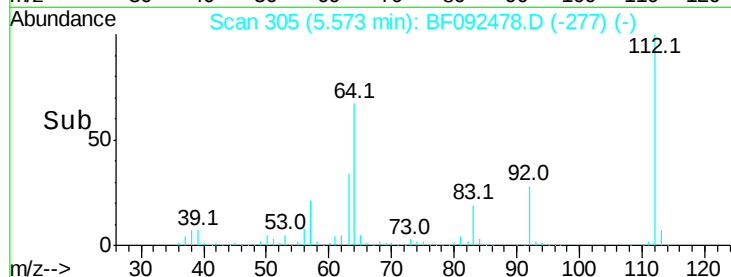
63 33.6 23.8 35.6



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: 24.84 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF092478.D

Acq: 25 Jan 2017 16:00

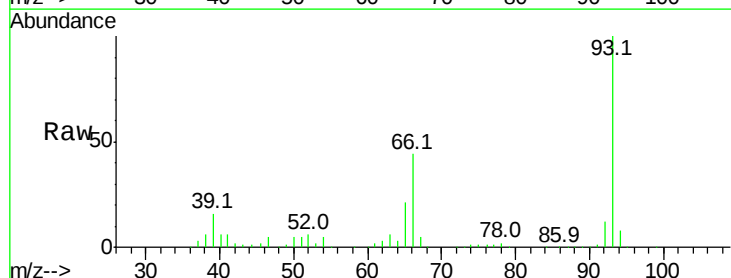
Tgt Ion: 93 Resp: 514610

Ion Ratio Lower Upper

93 100

66 44.1 76.2 114.2#

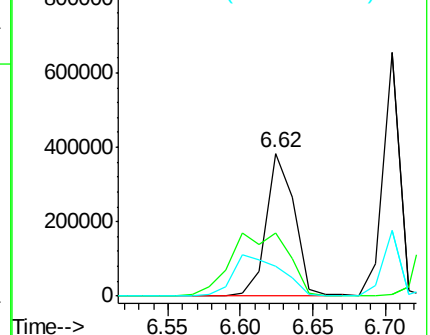
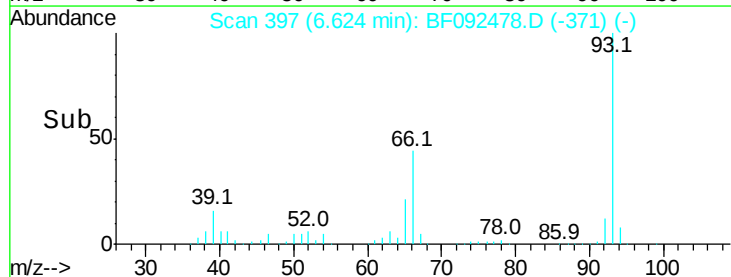
65 21.3 49.3 73.9#

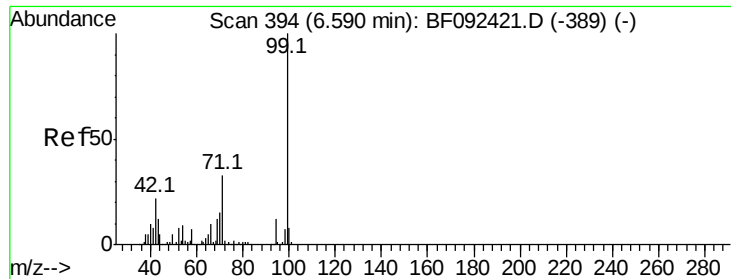


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 121.29 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF092478.D

Acq: 25 Jan 2017 16:00

Instrument :

BNA_F

ClientSampleId :

PB96241BSD

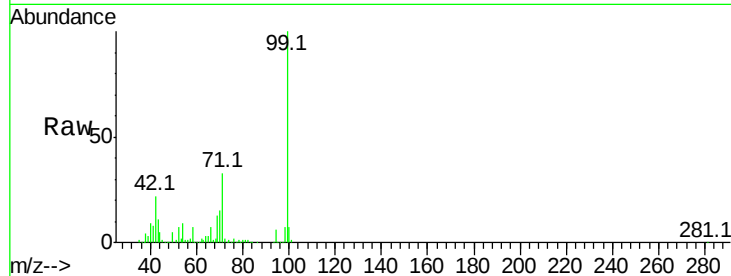
Tot Ion: 99 Resp: 1684821

Ion Ratio Lower Upper

99 100

42 21.7 15.6 23.4

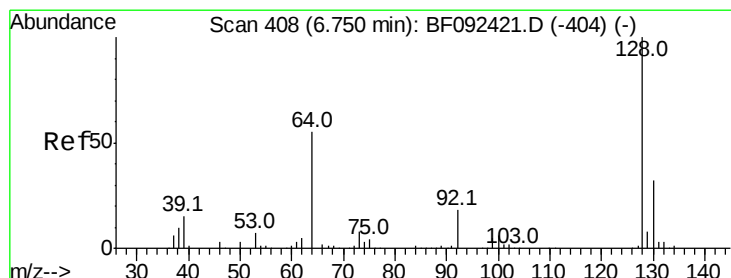
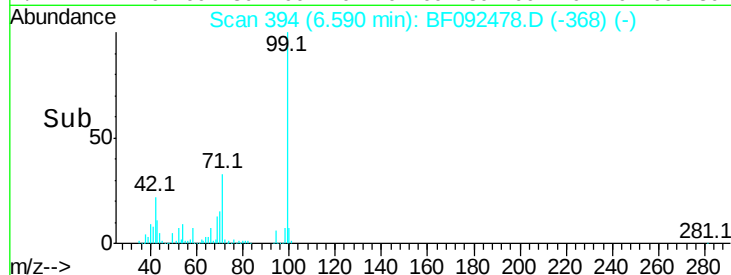
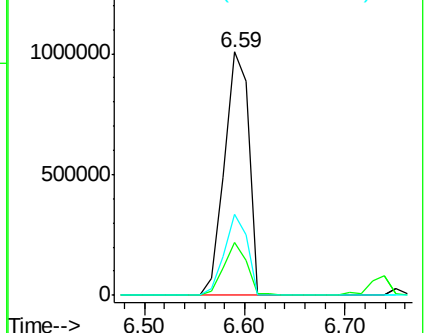
71 33.5 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.13 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF092478.D

Acq: 25 Jan 2017 16:00

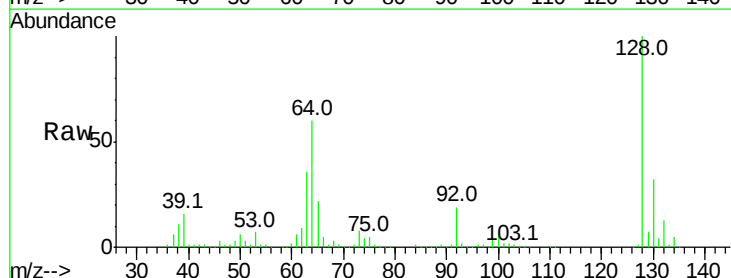
Tgt Ion: 128 Resp: 459685

Ion Ratio Lower Upper

128 100

130 32.3 12.3 52.3

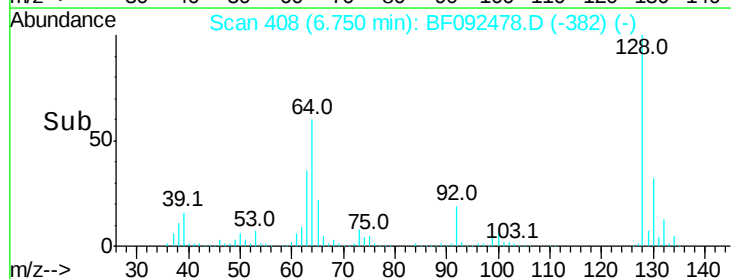
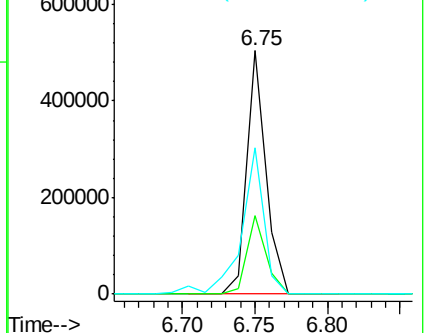
64 60.4 32.2 72.2

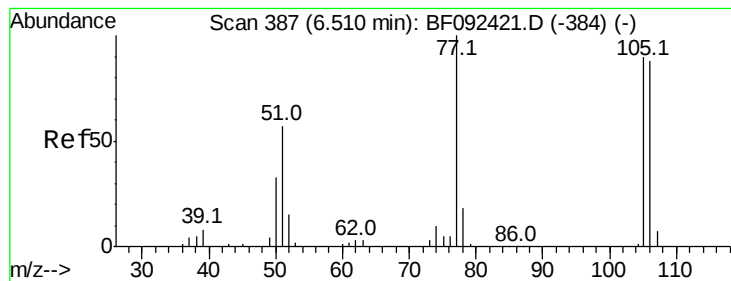


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 27.49 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF092478.D

Acq: 25 Jan 2017 16:00

Instrument :

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PB96241BSD

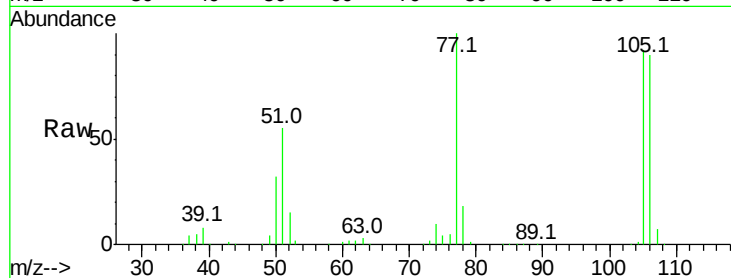
Tot Ion: 77 Resp: 271032

Ion Ratio Lower Upper

77 100

105 92.3 83.9 123.9

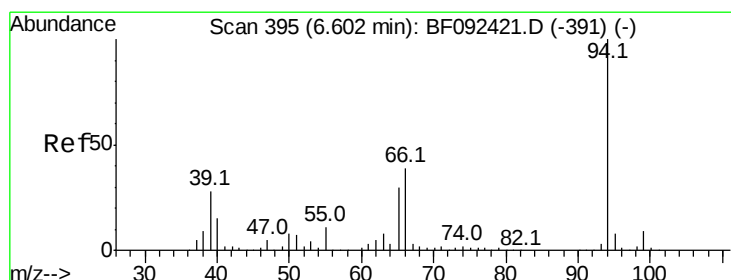
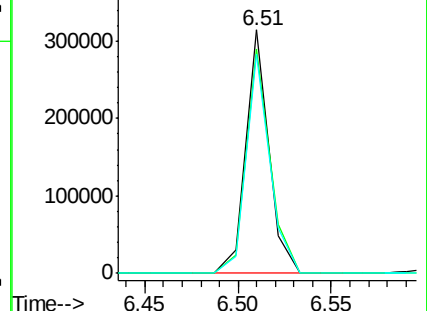
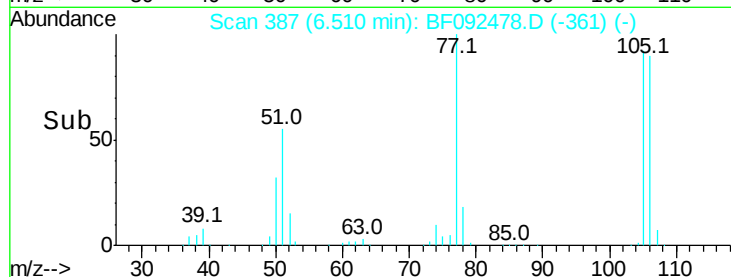
106 89.8 77.6 117.6



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: 34.50 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.01 min

Lab File: BF092478.D

Acq: 25 Jan 2017 16:00

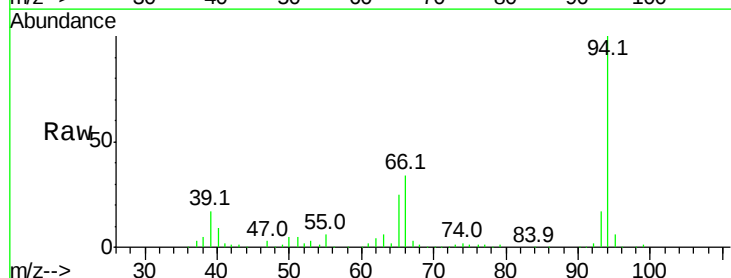
Tgt Ion: 94 Resp: 578419

Ion Ratio Lower Upper

94 100

65 24.7 21.4 61.4

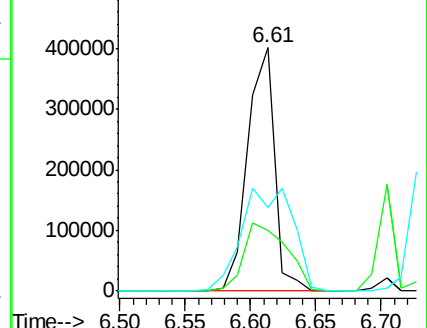
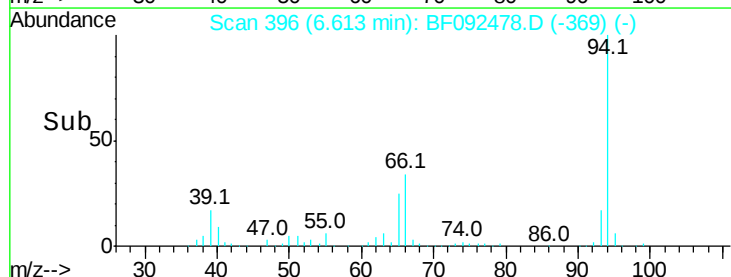
66 34.4 44.0 84.0#

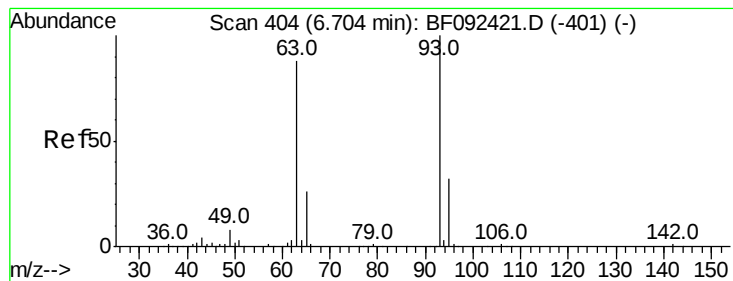


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 40.90 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF092478.D

Acq: 25 Jan 2017 16:00

Instrument :

BNA_F

ClientSampleId :

PB96241BSD

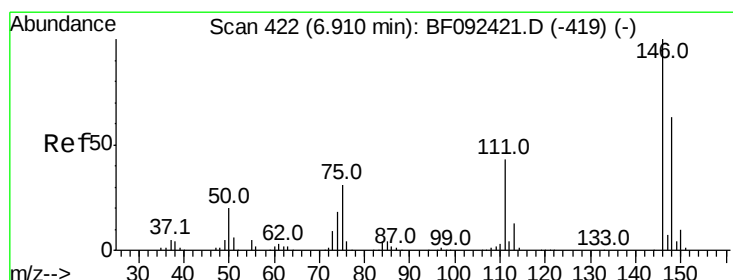
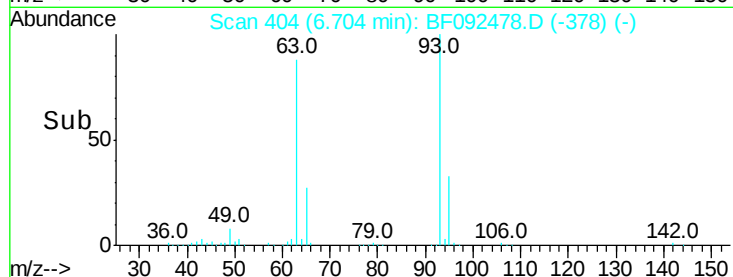
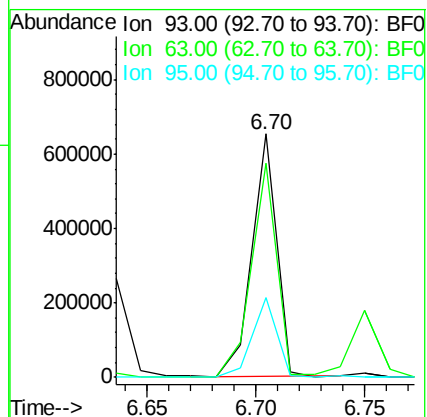
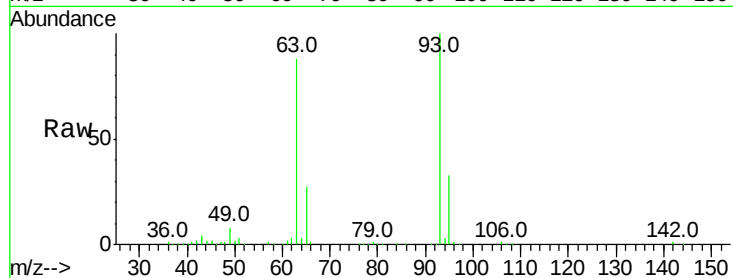
Tot Ion: 93 Resp: 513043

Ion Ratio Lower Upper

93 100

63 88.0 60.4 100.4

95 32.7 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 39.15 ng m

RT: 6.91 min Scan# 422

Delta R.T. -0.00 min

Lab File: BF092478.D

Acq: 25 Jan 2017 16:00

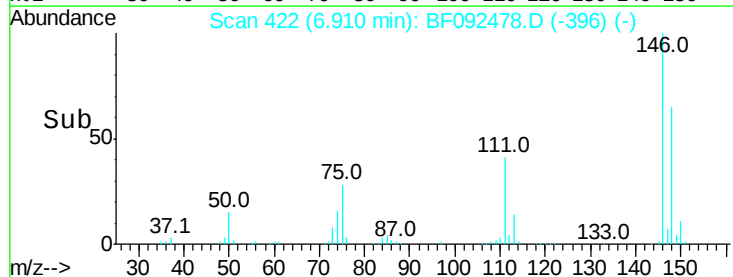
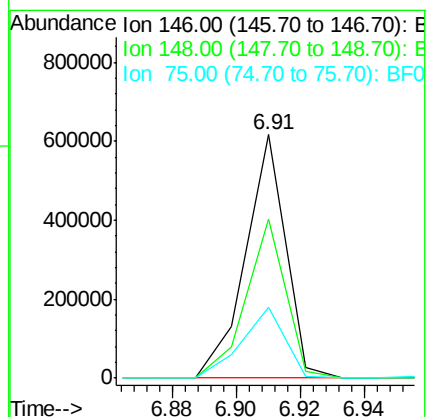
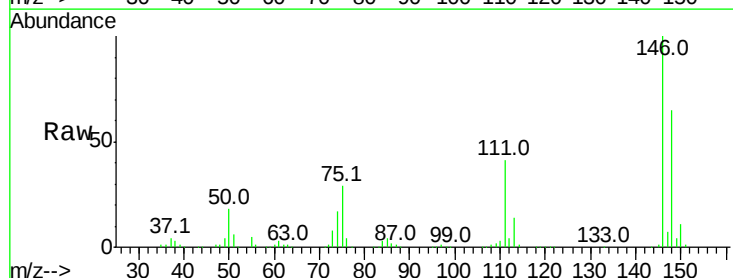
Tgt Ion: 146 Resp: 530387

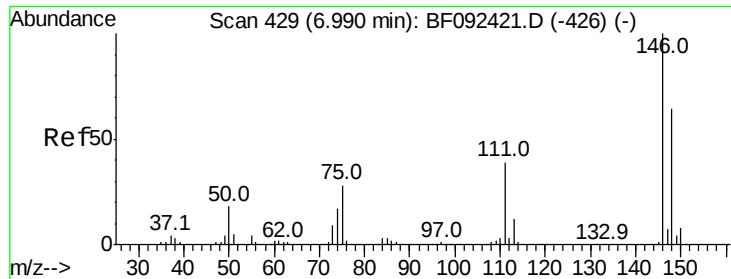
Ion Ratio Lower Upper

146 100

148 65.2 53.4 80.0

75 29.1 18.5 27.7#

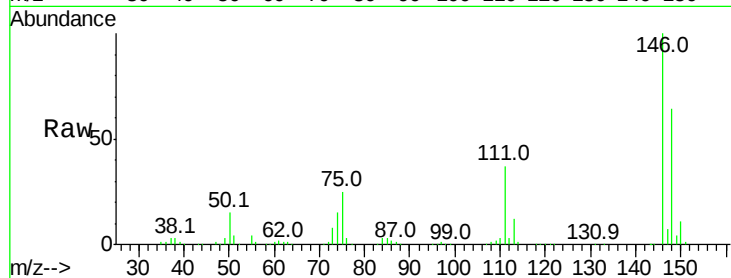




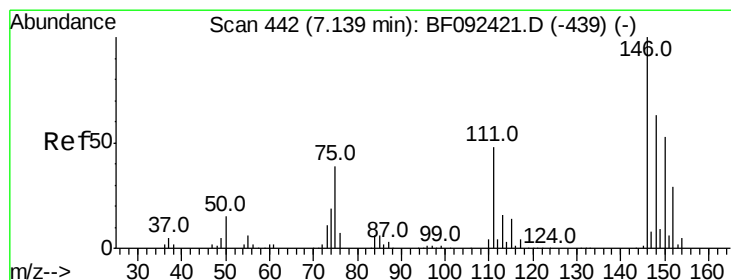
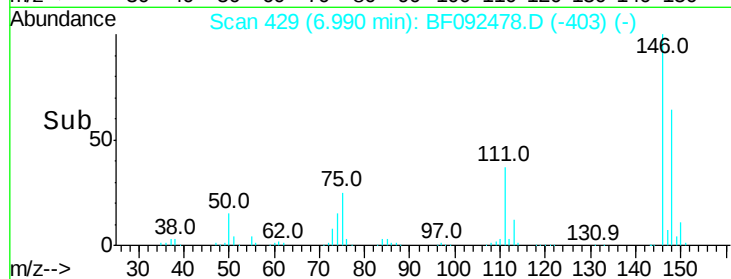
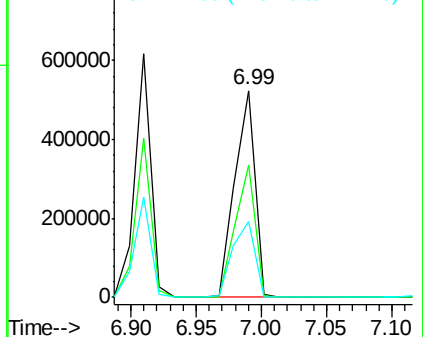
#13
 1,4-Dichlorobenzene
 Concen: 40.81 ng
 RT: 6.99 min Scan# 429
 Delta R.T. -0.00 min
 Lab File: BF092478.D
 Acq: 25 Jan 2017 16:00

Instrument :
 BNA_F
 ClientSampleId :
 PB96241BSD

Tot Ion:146 Resp: 556449
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.6 76.0
 111 36.7 36.2 54.4

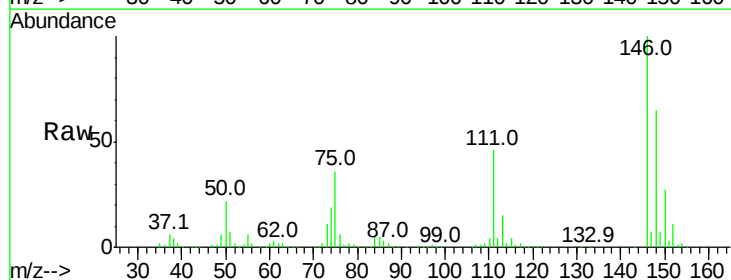


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

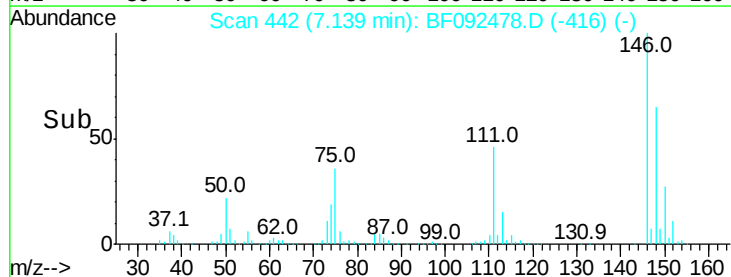
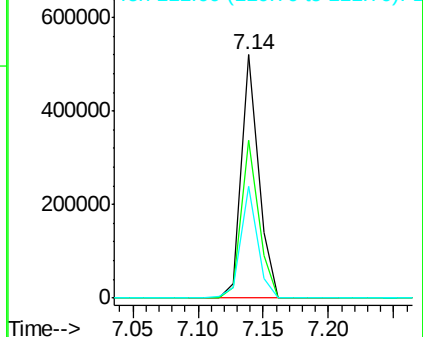


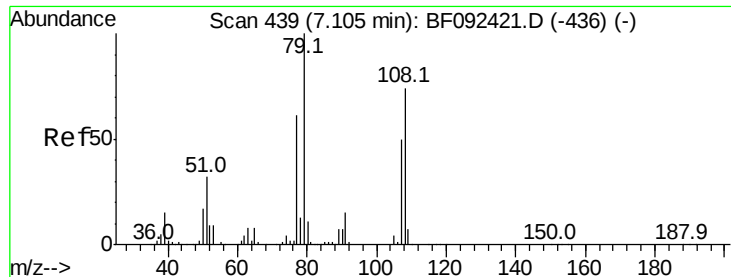
#14
 1,2-Dichlorobenzene
 Concen: 36.70 ng
 RT: 7.14 min Scan# 442
 Delta R.T. -0.00 min
 Lab File: BF092478.D
 Acq: 25 Jan 2017 16:00

Tgt Ion:146 Resp: 474667
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.2 78.2
 111 46.0 36.2 54.2



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.78 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.00 min

Lab File: BF092478.D

Acq: 25 Jan 2017 16:00

Instrument :

BNA_F

ClientSampleId :

PB96241BSD

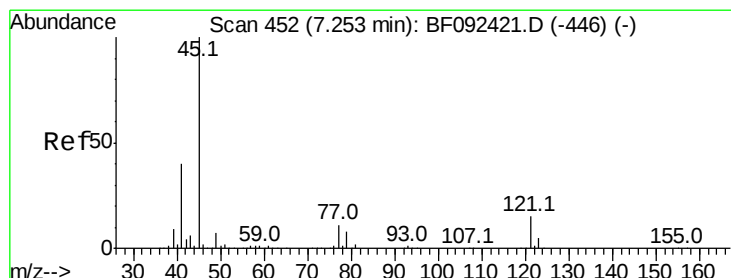
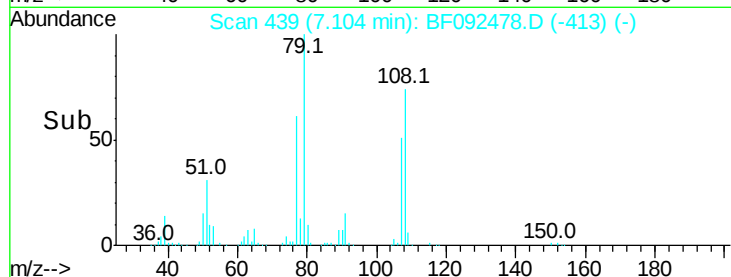
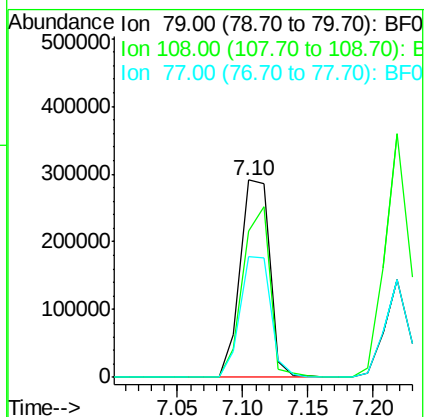
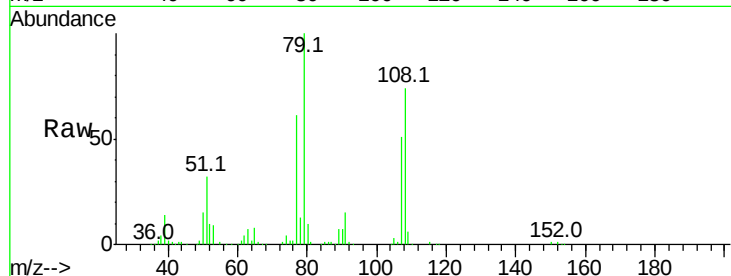
Tot Ion: 79 Resp: 458339

Ion Ratio Lower Upper

79 100

108 74.4 61.4 92.0

77 61.1 50.9 76.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.98 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF092478.D

Acq: 25 Jan 2017 16:00

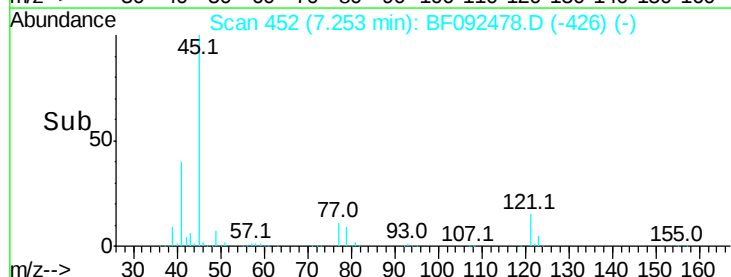
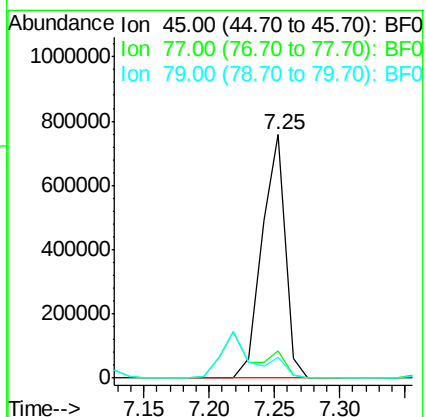
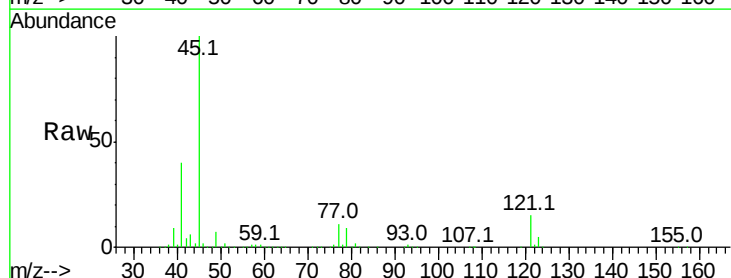
Tgt Ion: 45 Resp: 942544

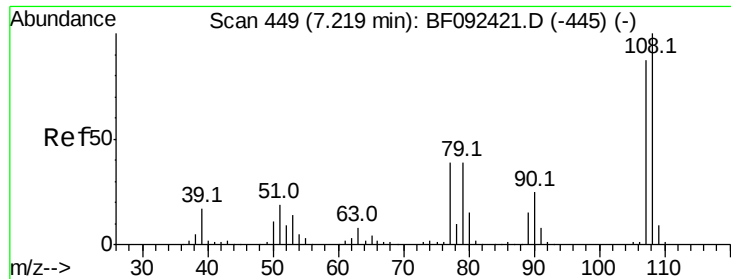
Ion Ratio Lower Upper

45 100

77 11.2 0.0 34.6

79 8.7 0.0 31.2

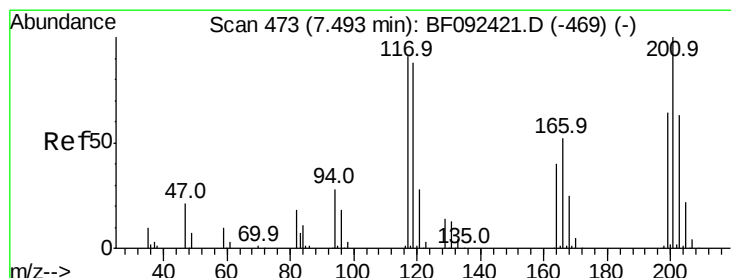
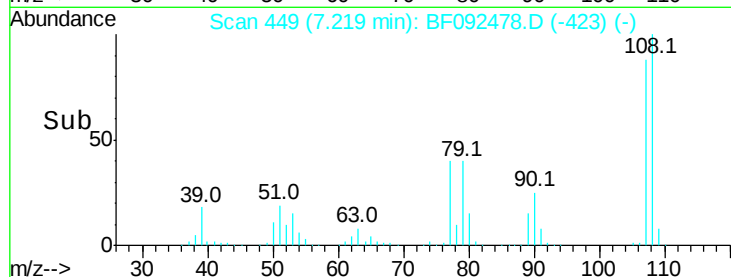
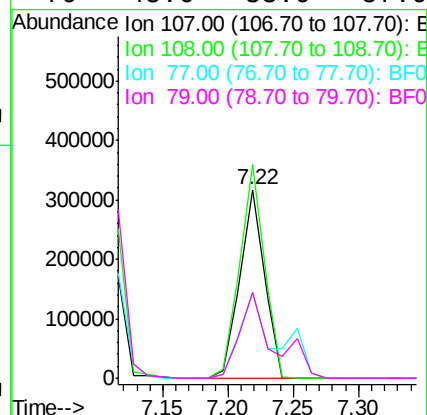
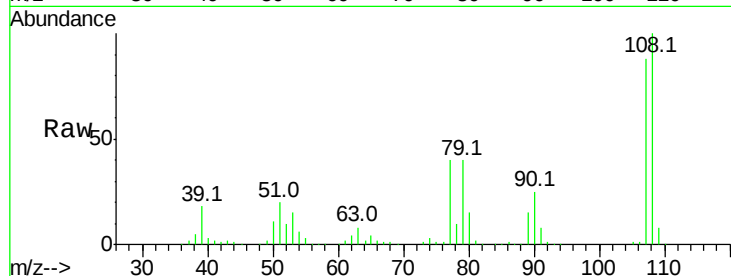




#17
2-Methylphenol
Concen: 42.55 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF092478.D
Acq: 25 Jan 2017 16:00

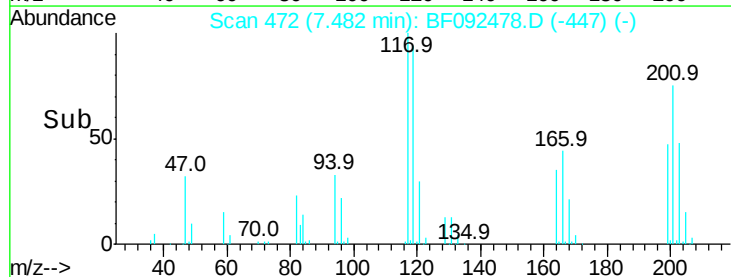
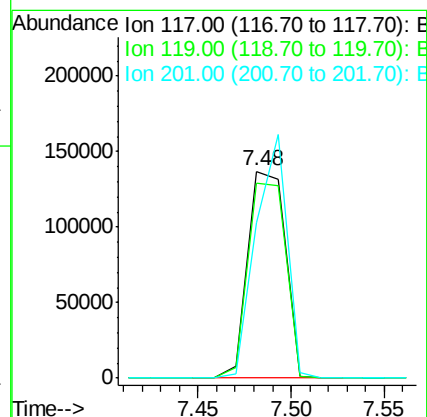
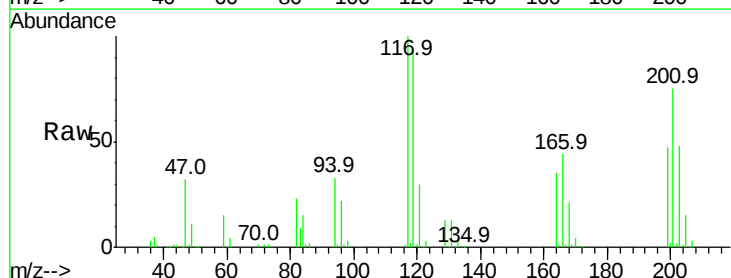
Instrument :
BNA_F
ClientSampleId :
PB96241BSD

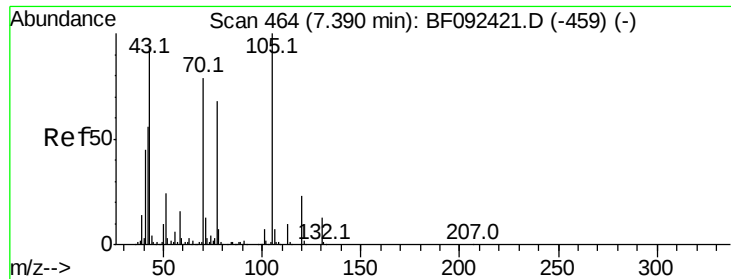
Tot Ion:	107	Resp:	416407
Ion	Ratio	Lower	Upper
107	100		
108	113.2	93.0	139.6
77	45.5	39.8	59.8
79	45.6	38.0	57.0



#18
Hexachloroethane
Concen: 40.51 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF092478.D
Acq: 25 Jan 2017 16:00

Tgt Ion:	117	Resp:	190279
Ion	Ratio	Lower	Upper
117	100		
119	94.1	78.1	117.1
201	75.1	78.6	117.8#

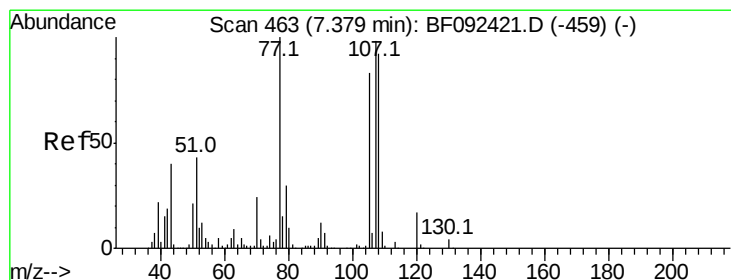
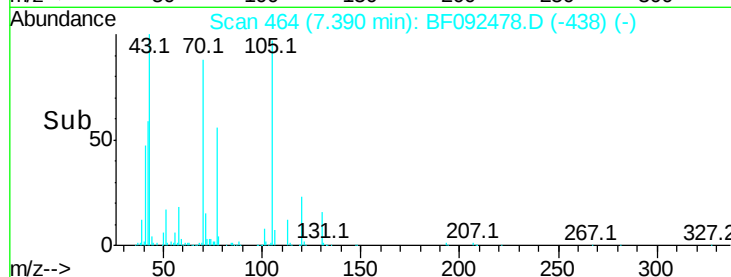
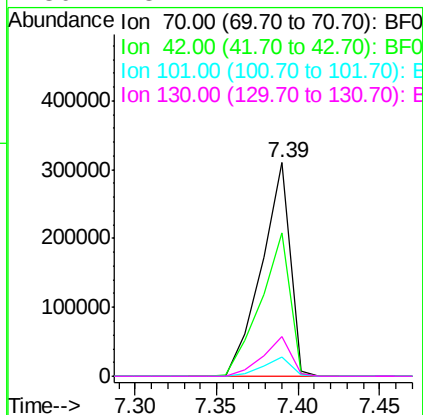
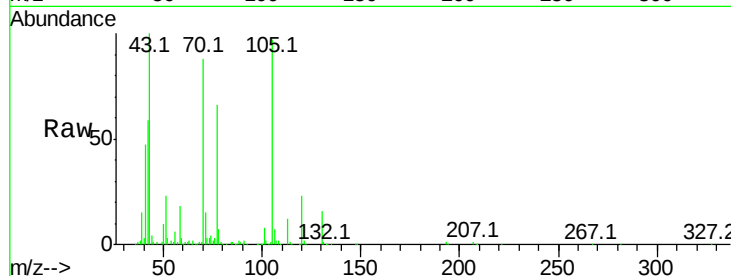




#19
n-Nitroso-di-n-propylamine
Concen: 40.06 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF092478.D
Acq: 25 Jan 2017 16:00

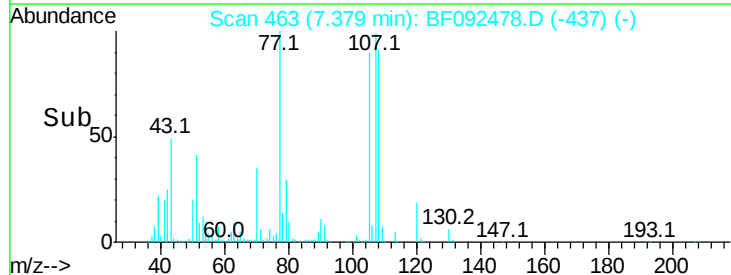
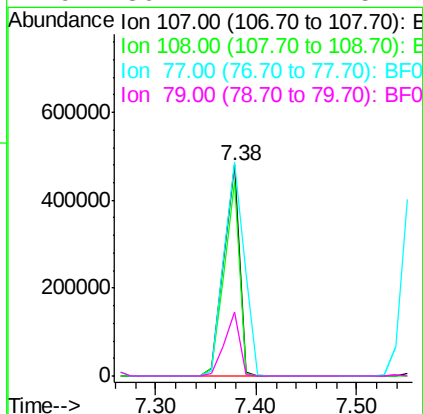
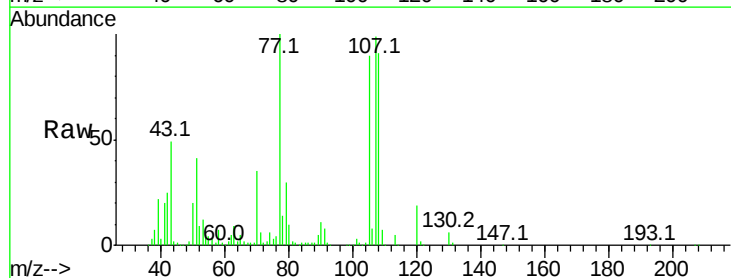
Instrument :
BNA_F
ClientSampleId :
PB96241BSD

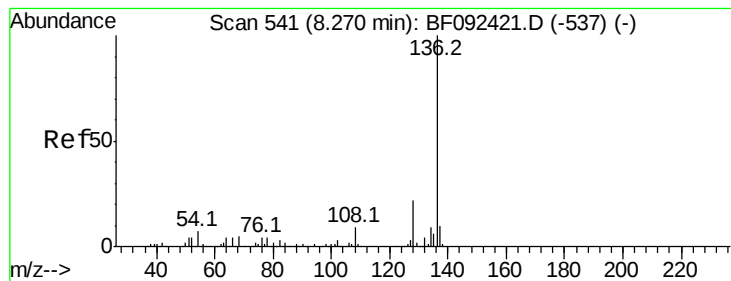
Tot Ion:	70	Resp:	378941
Ion	Ratio	Lower	Upper
70	100		
42	67.2	49.4	74.0
101	8.8	7.4	11.2
130	18.4	14.2	21.4



#20
3+4-Methylphenols
Concen: 44.23 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF092478.D
Acq: 25 Jan 2017 16:00

Tgt Ion:	107	Resp:	525193
Ion	Ratio	Lower	Upper
107	100		
108	92.4	73.0	113.0
77	101.2	71.3	111.3
79	30.1	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF092478.D

Acq: 25 Jan 2017 16:00

Instrument :

BNA_F

ClientSampleId :

PB96241BSD

Tot Ion:136 Resp: 694306

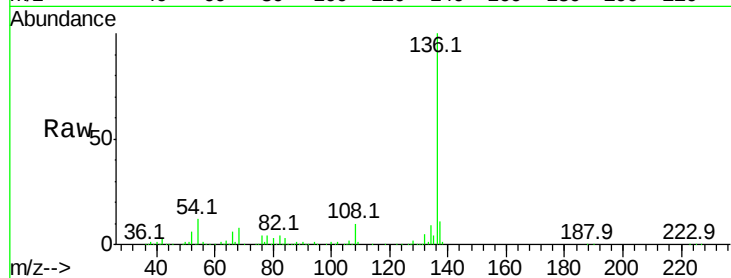
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 11.7 4.5 6.7#

68 8.0 3.6 5.4#

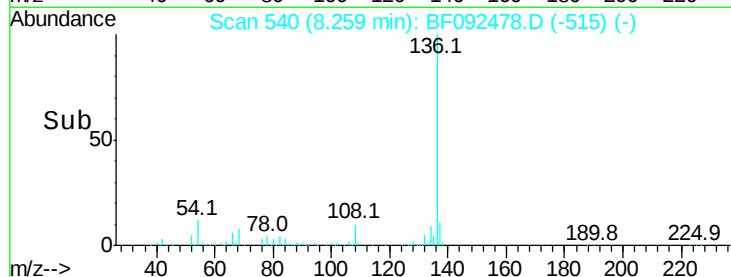


Abundance Ion 136.00 (135.70 to 136.70): E

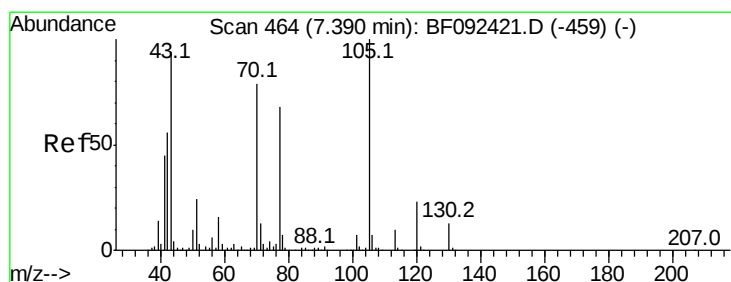
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 41.28 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.01 min

Lab File: BF092478.D

Acq: 25 Jan 2017 16:00

Tgt Ion:105 Resp: 682614

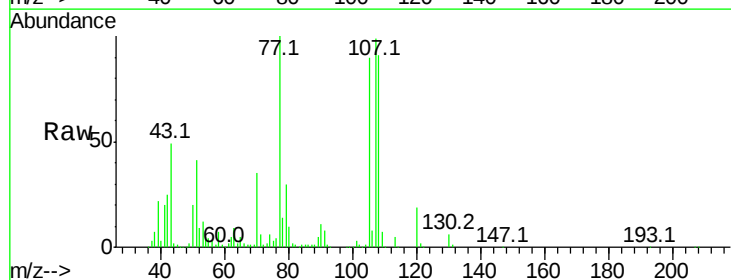
Ion Ratio Lower Upper

105 100

71 6.7 3.2 4.8#

51 45.6 26.2 39.4#

120 21.4 16.6 24.8

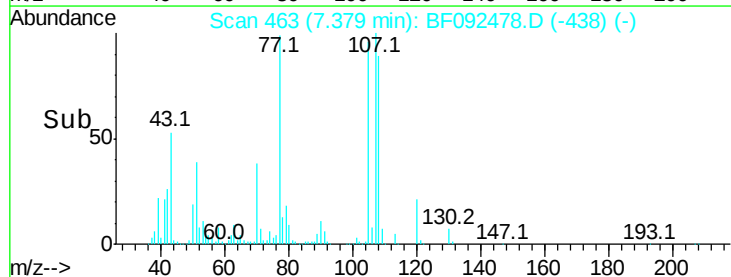


Abundance Ion 105.00 (104.70 to 105.70): E

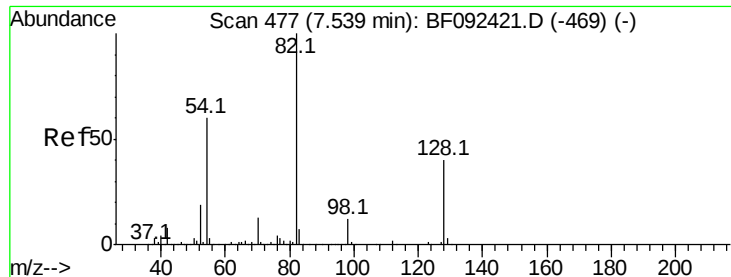
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



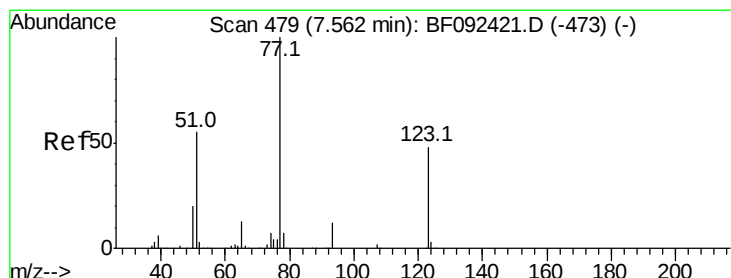
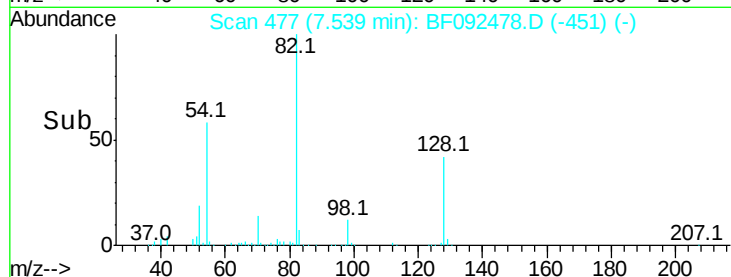
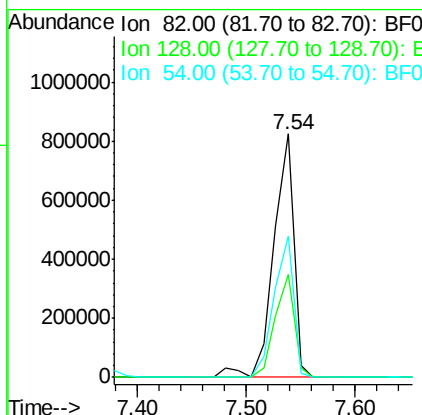
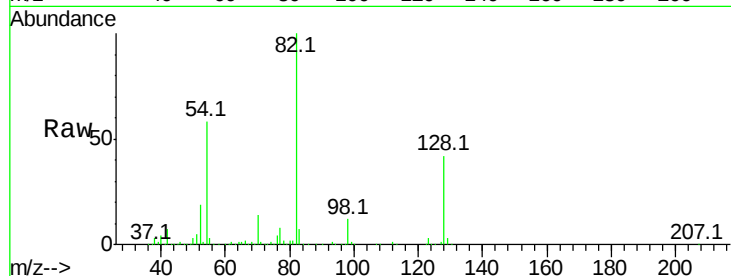
Time-->



#23
 Nitrobenzene-d5
 Concen: 83.53 ng
 RT: 7.54 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF092478.D
 Acq: 25 Jan 2017 16:00

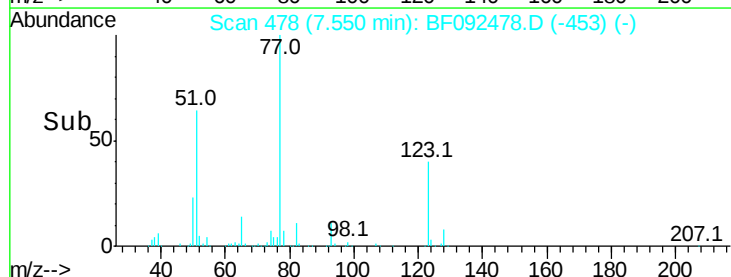
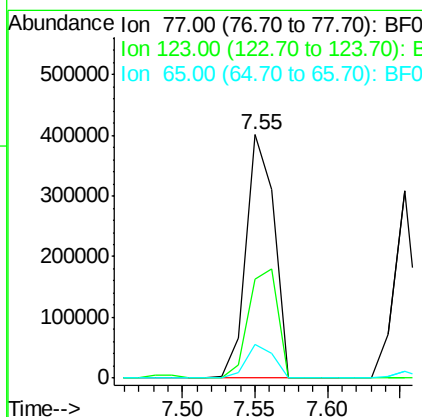
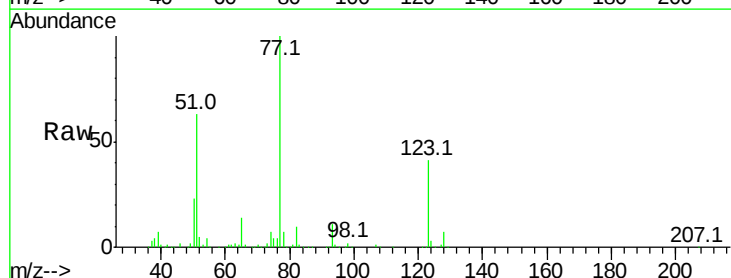
Instrument :
 BNA_F
 ClientSampleId :
 PB96241BSD

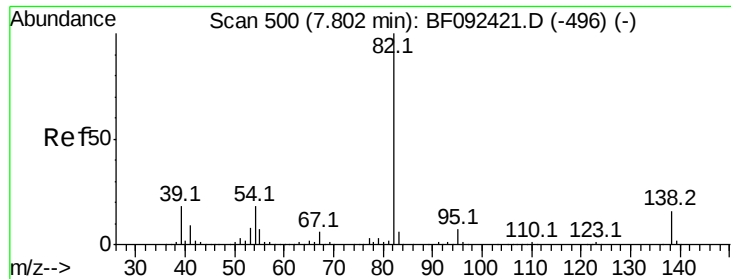
Tot Ion: 82 Resp: 1061701
 Ion Ratio Lower Upper
 82 100
 128 42.2 34.6 52.0
 54 57.8 39.5 59.3



#24
 Nitrobenzene
 Concen: 40.32 ng
 RT: 7.55 min Scan# 478
 Delta R.T. -0.01 min
 Lab File: BF092478.D
 Acq: 25 Jan 2017 16:00

Tgt Ion: 77 Resp: 536855
 Ion Ratio Lower Upper
 77 100
 123 40.8 33.0 49.4
 65 14.0 11.2 16.8





#25

Isophorone

Concen: 41.88 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF092478.D

Acq: 25 Jan 2017 16:00

Instrument :

BNA_F

ClientSampleId :

PB96241BSD

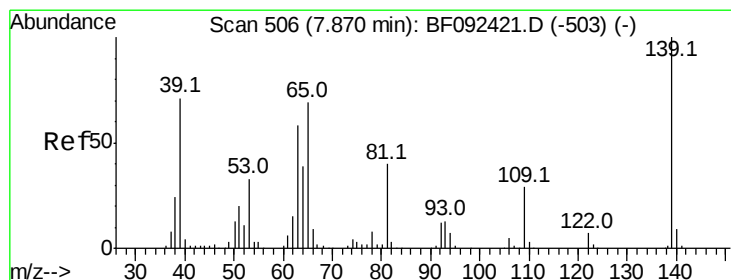
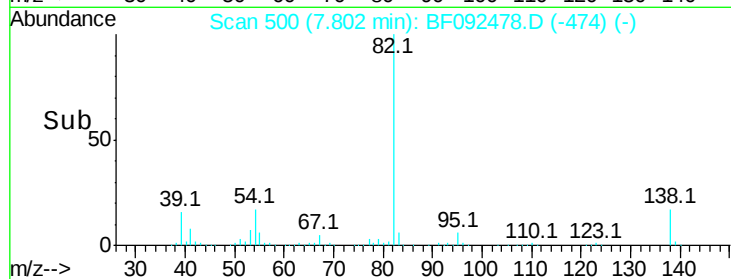
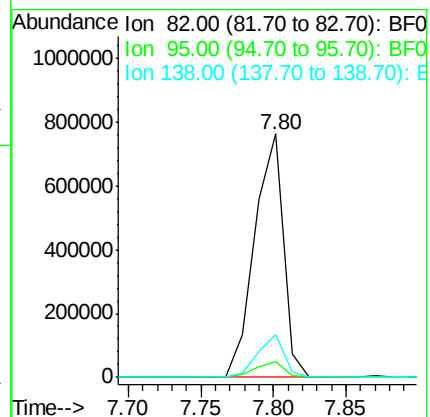
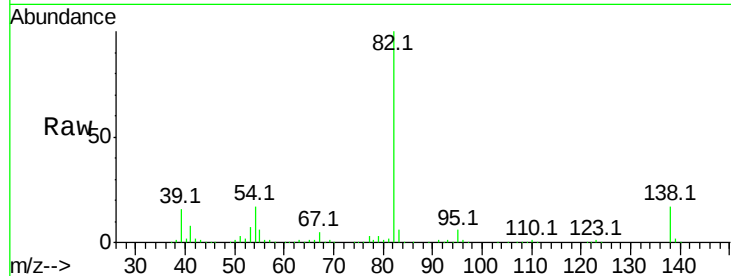
Tot Ion: 82 Resp: 1049069

Ion Ratio Lower Upper

82 100

95 6.4 5.6 8.4

138 17.5 14.6 22.0



#26

2-Nitrophenol

Concen: 44.42 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF092478.D

Acq: 25 Jan 2017 16:00

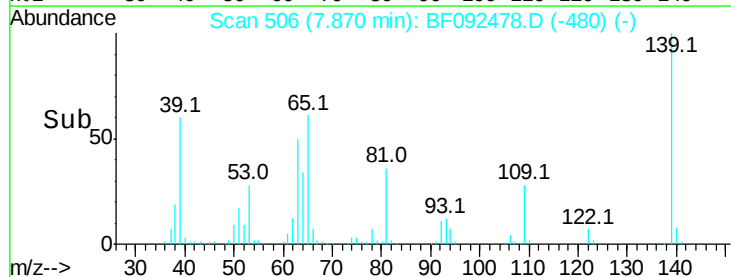
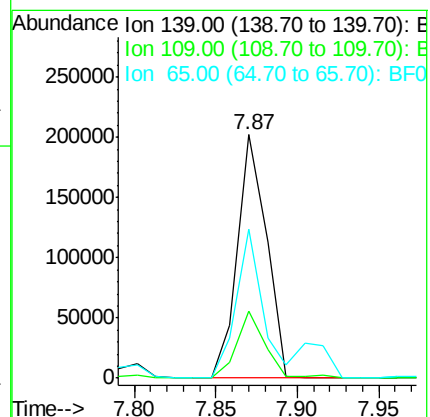
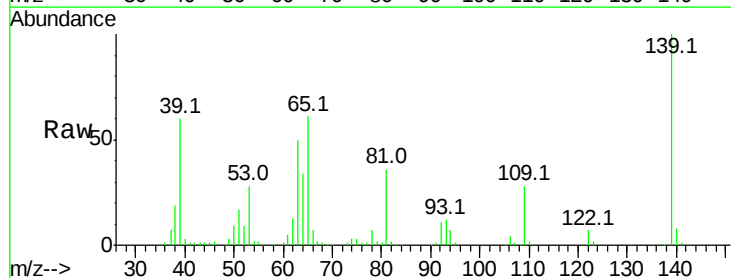
Tgt Ion: 139 Resp: 247829

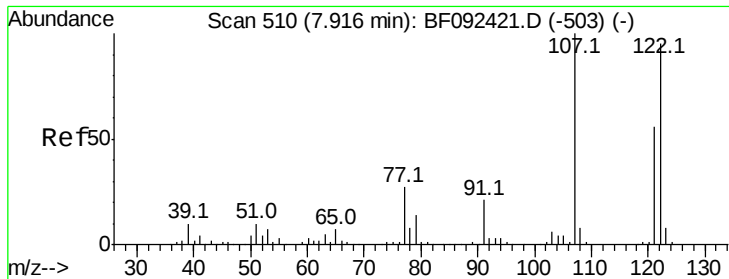
Ion Ratio Lower Upper

139 100

109 27.6 23.3 34.9

65 60.9 42.7 64.1

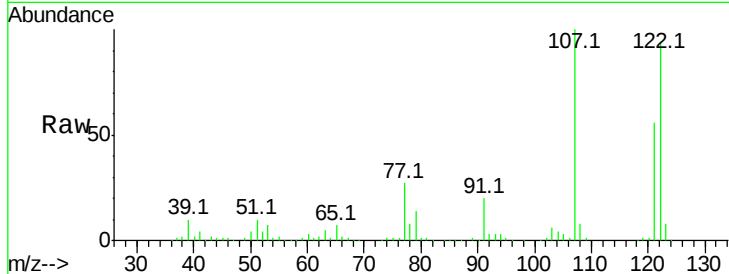




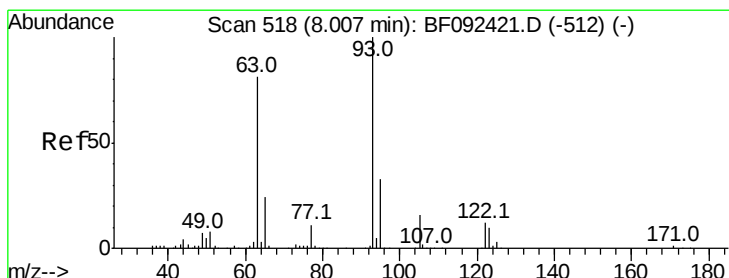
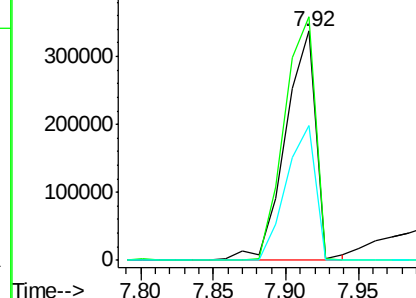
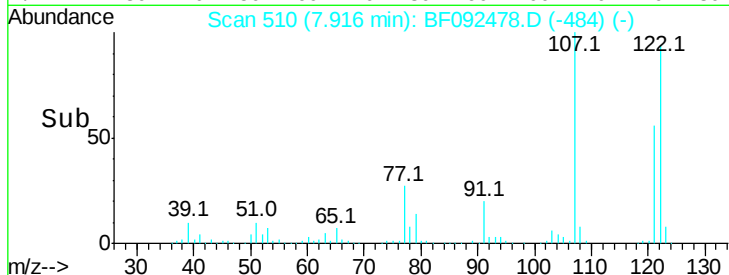
#27
 2,4-Dimethylphenol
 Concen: 42.32 ng
 RT: 7.92 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: BF092478.D
 Acq: 25 Jan 2017 16:00

Instrument :
 BNA_F
 ClientSampleId :
 PB96241BSD

Tot Ion:122 Resp: 491098
 Ion Ratio Lower Upper
 122 100
 107 106.2 94.1 141.1
 121 59.0 46.0 69.0

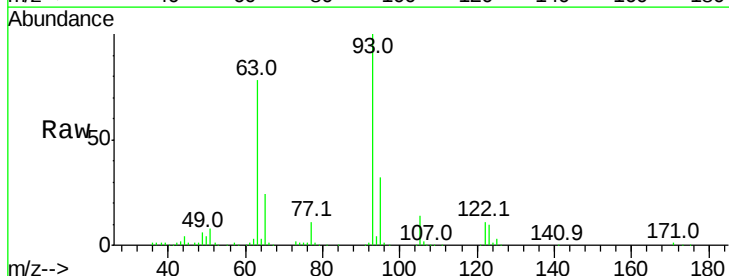


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

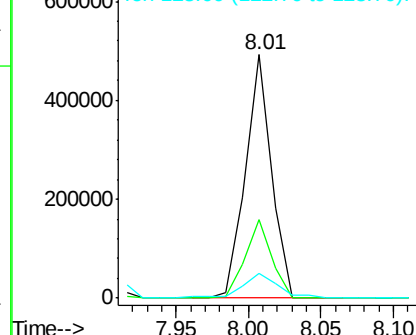
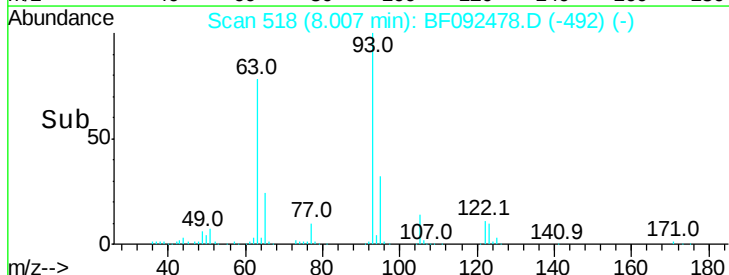


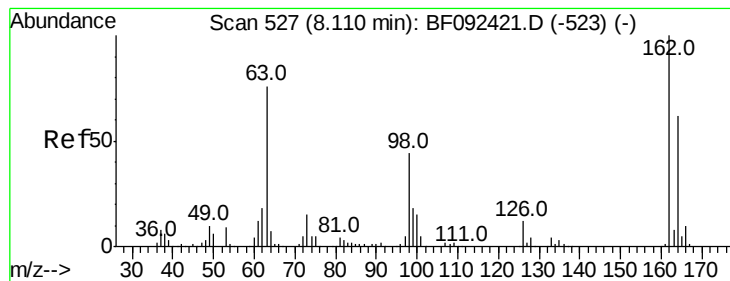
#28
 bis(2-Chloroethoxy)methane
 Concen: 37.12 ng
 RT: 8.01 min Scan# 518
 Delta R.T. -0.00 min
 Lab File: BF092478.D
 Acq: 25 Jan 2017 16:00

Tgt Ion: 93 Resp: 610236
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.5 39.7
 123 10.0 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: 42.94 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF092478.D

Acq: 25 Jan 2017 16:00

Instrument :

BNA_F

ClientSampleId :

PB96241BSD

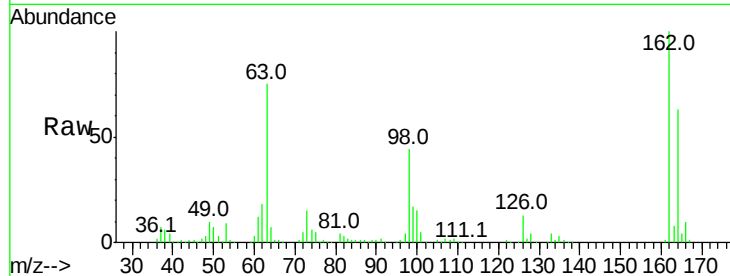
Tot Ion:162 Resp: 431973

Ion Ratio Lower Upper

162 100

164 62.7 46.8 86.8

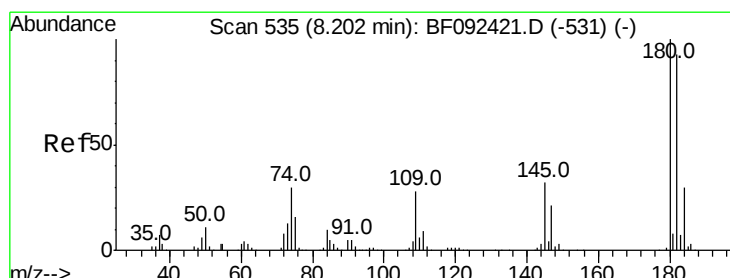
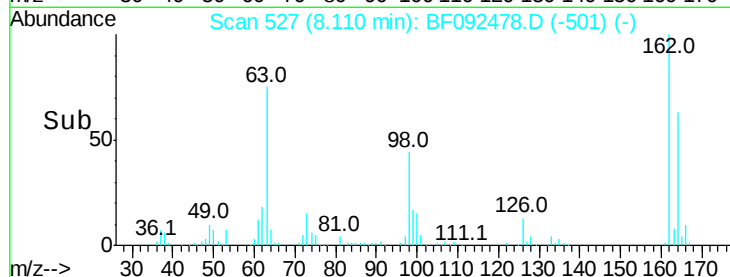
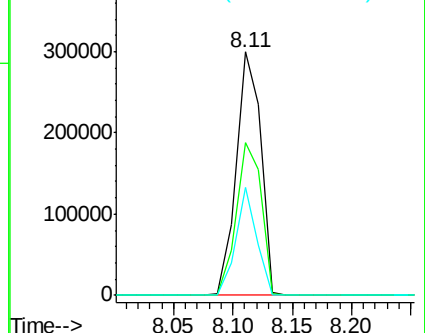
98 44.1 9.1 49.1



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): E



#30

1,2,4-Trichlorobenzene

Concen: 40.09 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.00 min

Lab File: BF092478.D

Acq: 25 Jan 2017 16:00

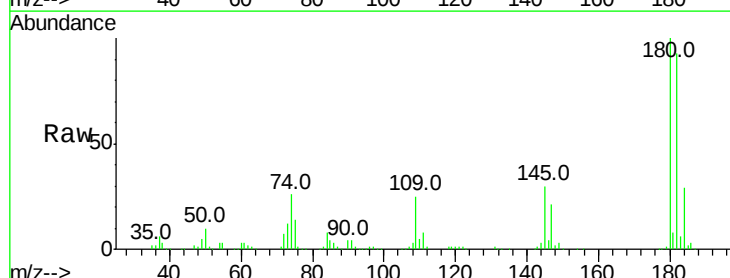
Tgt Ion:180 Resp: 435916

Ion Ratio Lower Upper

180 100

182 93.4 78.2 117.4

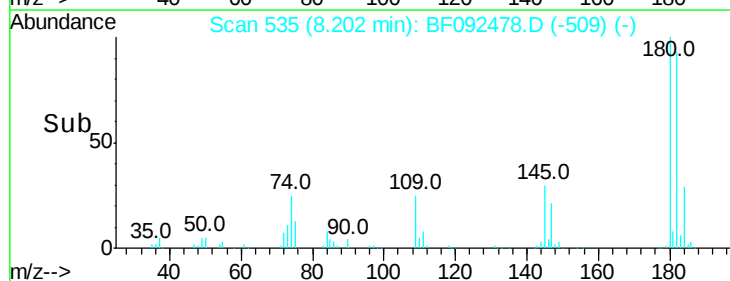
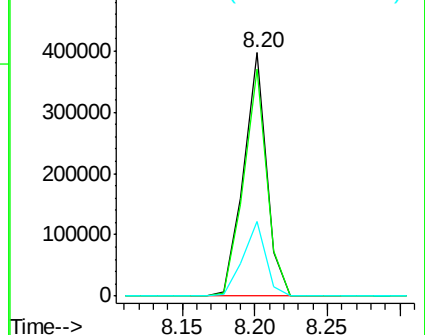
145 30.4 21.6 32.4

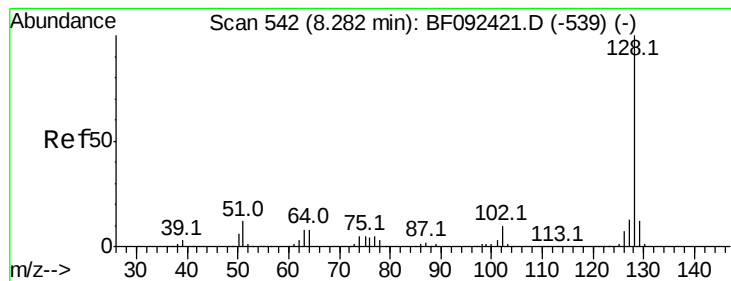


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.66 ng

RT: 8.28 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF092478.D

Acq: 25 Jan 2017 16:00

Instrument :

BNA_F

ClientSampleId :

PB96241BSD

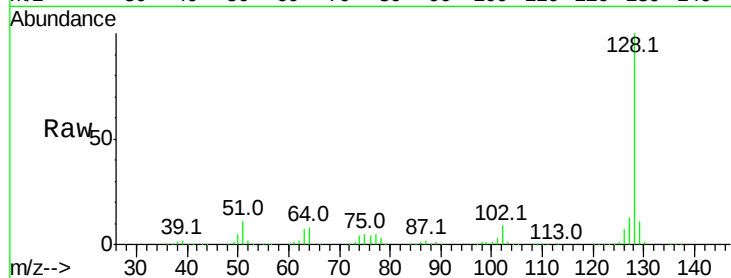
Tot Ion:128 Resp: 1338376

Ion Ratio Lower Upper

128 100

129 11.4 9.5 14.3

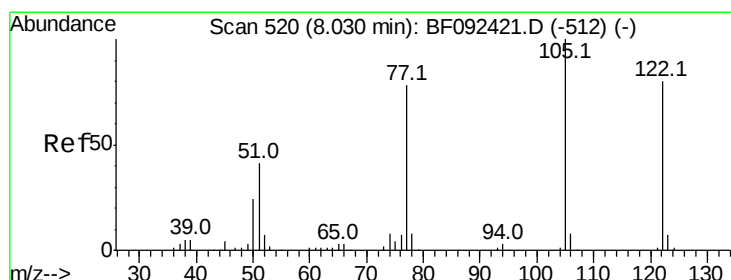
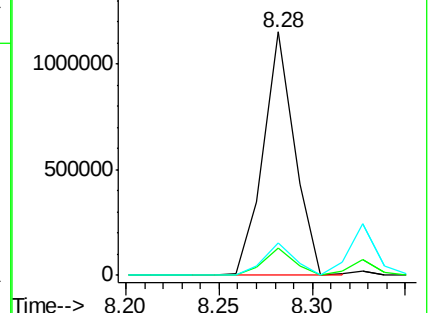
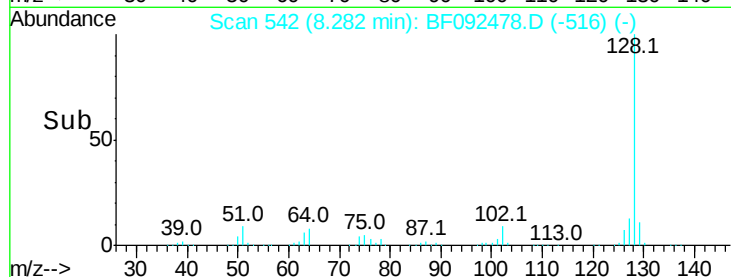
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.27 ng

RT: 8.04 min Scan# 521

Delta R.T. 0.01 min

Lab File: BF092478.D

Acq: 25 Jan 2017 16:00

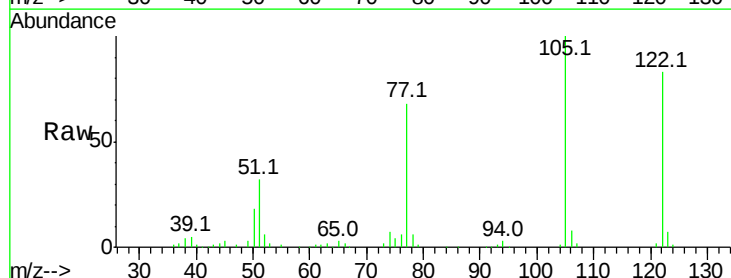
Tgt Ion:122 Resp: 332444

Ion Ratio Lower Upper

122 100

105 120.9 107.2 147.2

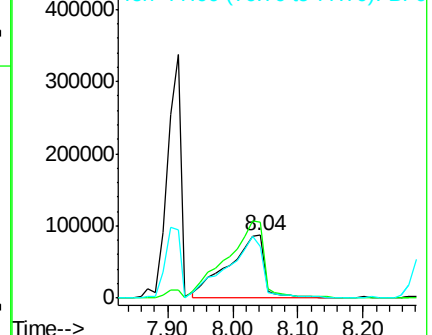
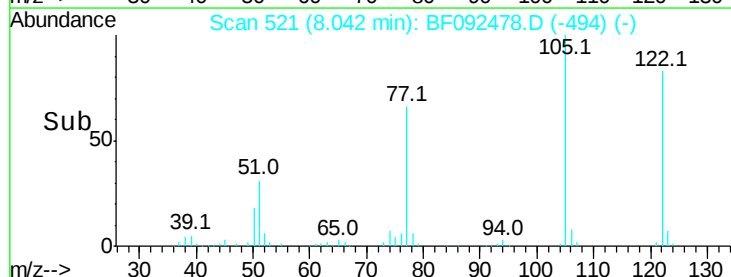
77 81.8 74.5 114.5

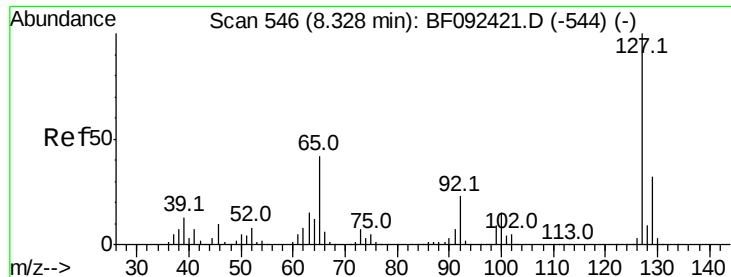


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

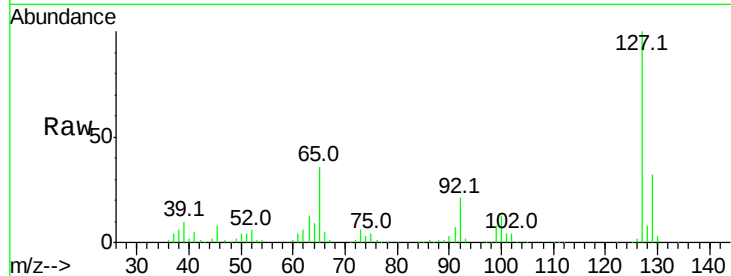




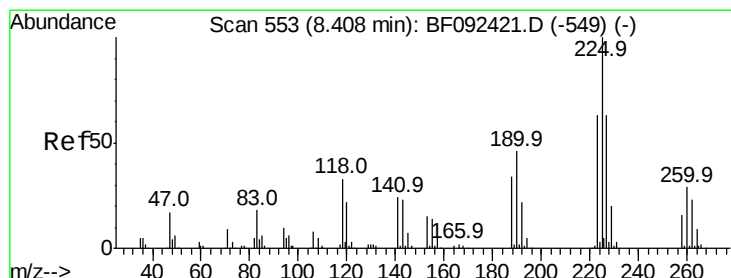
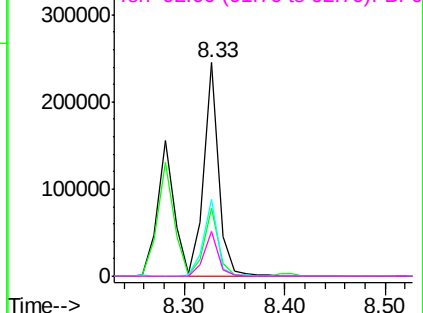
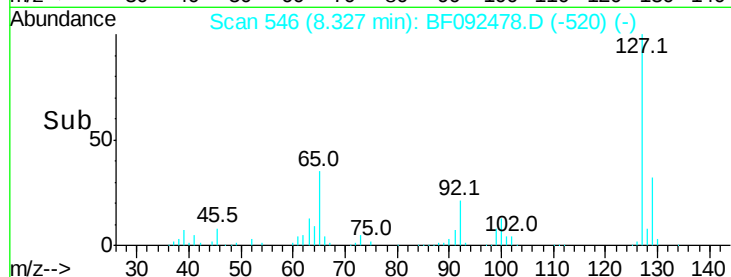
#33
 4-Chloroaniline
 Concen: 16.71 ng
 RT: 8.33 min Scan# 546
 Delta R.T. -0.00 min
 Lab File: BF092478.D
 Acq: 25 Jan 2017 16:00

Instrument :
 BNA_F
 ClientSampleId :
 PB96241BSD

Tot Ion:	127	Resp:	251146
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.3	39.5
65	36.2	25.8	38.8
92	20.8	16.1	24.1

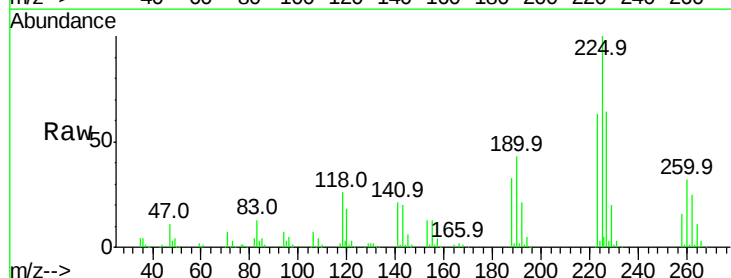


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

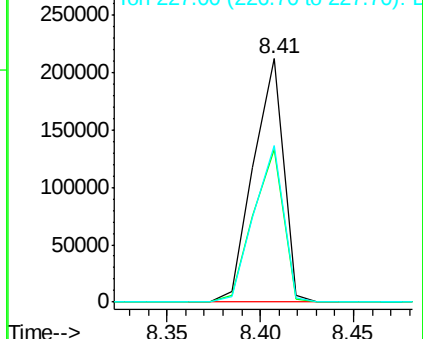
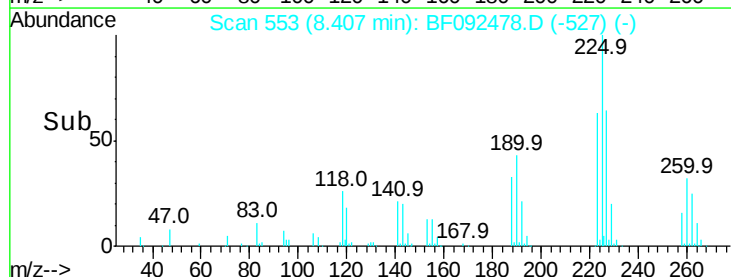


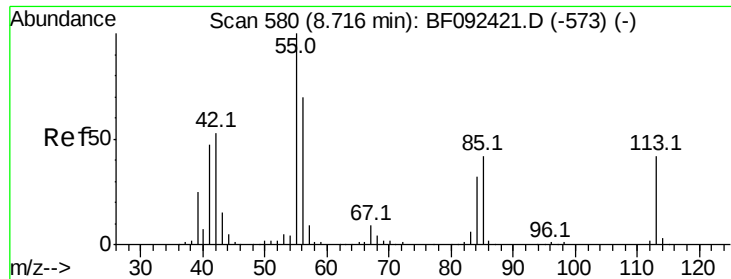
#34
 Hexachlorobutadiene
 Concen: 39.78 ng
 RT: 8.41 min Scan# 553
 Delta R.T. -0.00 min
 Lab File: BF092478.D
 Acq: 25 Jan 2017 16:00

Tgt Ion:	225	Resp:	236591
Ion	Ratio	Lower	Upper
225	100		
223	62.6	51.0	76.6
227	64.3	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

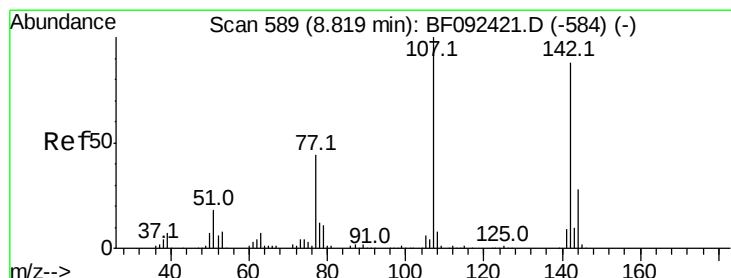
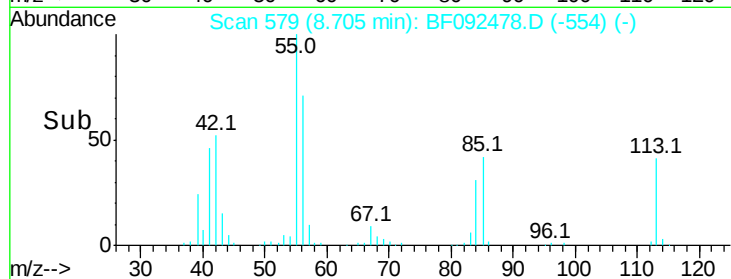
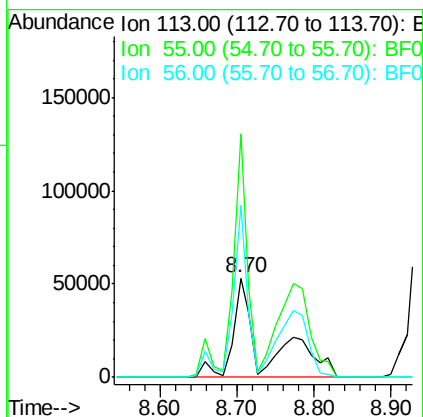
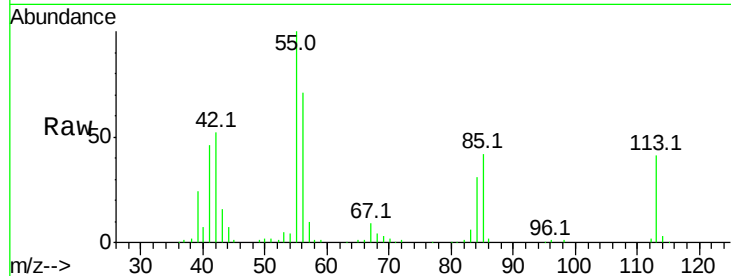




#35
 Caprolactam
 Concen: 46.25 ng/ml
 RT: 8.70 min Scan# 579
 Delta R.T. -0.01 min
 Lab File: BF092478.D
 Acq: 25 Jan 2017 16:00

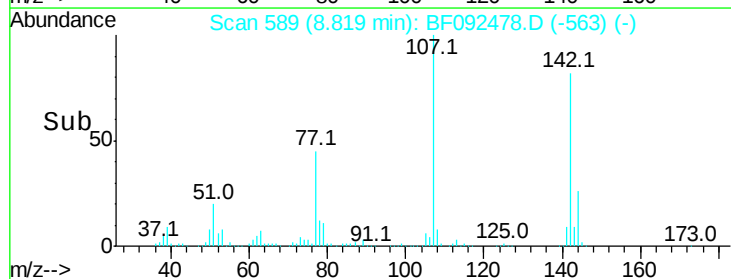
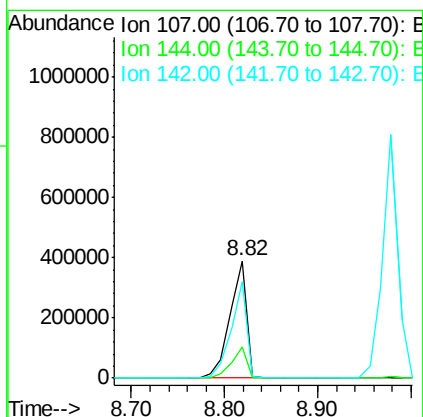
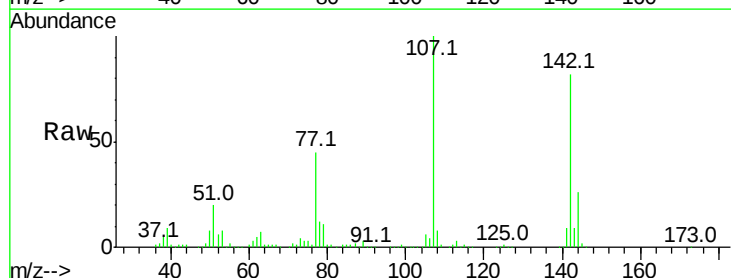
Instrument :
 BNA_F
 ClientSampleID :
 PB96241BSD

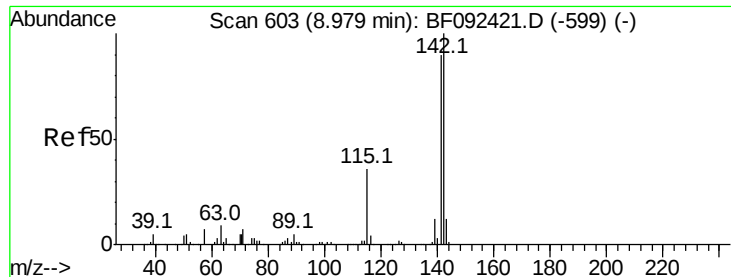
Tot Ion:113 Resp: 155380
 Ion Ratio Lower Upper
 113 100
 55 244.5 119.2 159.2#
 56 173.2 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 44.98 ng/ml
 RT: 8.82 min Scan# 589
 Delta R.T. -0.00 min
 Lab File: BF092478.D
 Acq: 25 Jan 2017 16:00

Tgt Ion:107 Resp: 488042
 Ion Ratio Lower Upper
 107 100
 144 26.1 19.3 28.9
 142 81.8 59.0 88.6





#37

2-Methylnaphthalene

Concen: 40.90 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.00 min

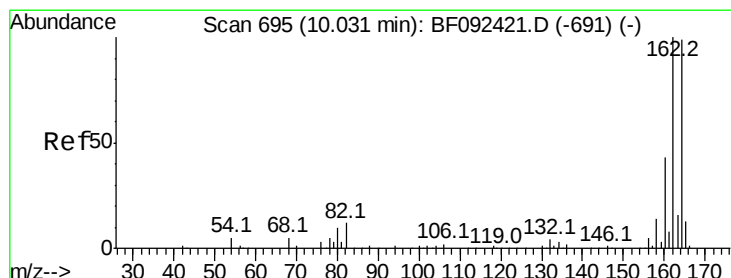
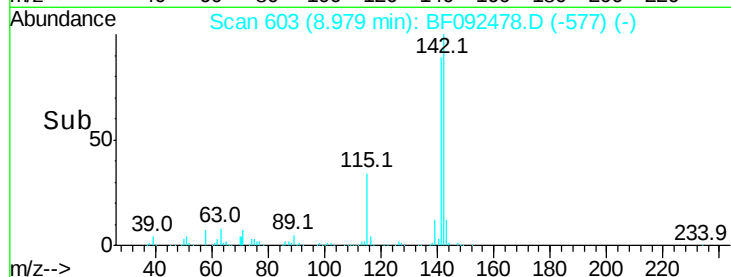
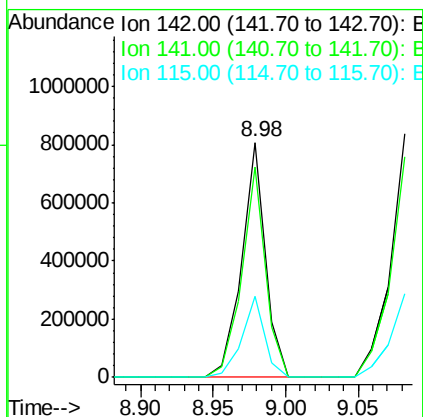
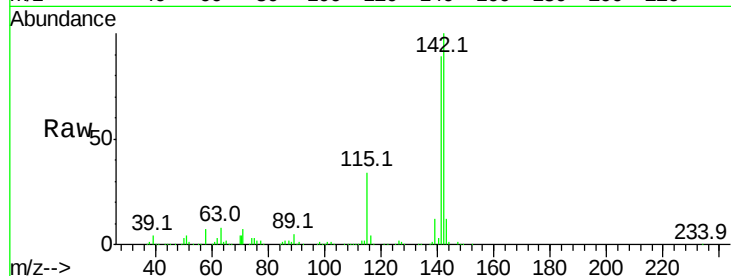
Lab File: BF092478.D

Acq: 25 Jan 2017 16:00

Instrument :
BNA_F
ClientSampleId :
PB96241BSD

Tot Ion:142 Resp: 920054

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.0	106.6
115	34.2	28.3	42.5



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.03 min Scan# 695

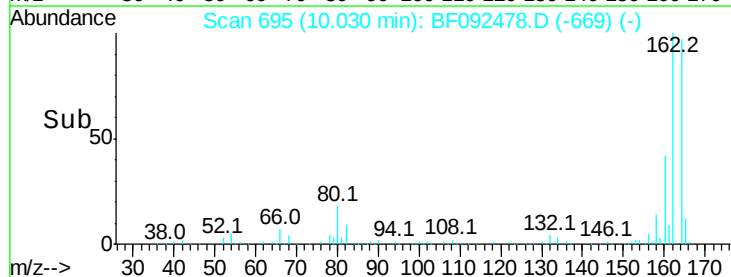
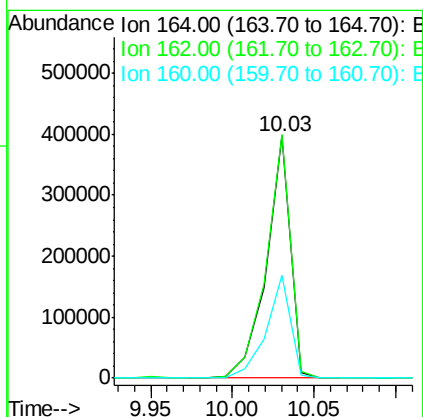
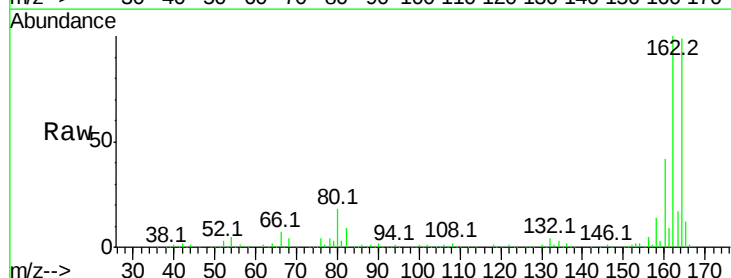
Delta R.T. -0.00 min

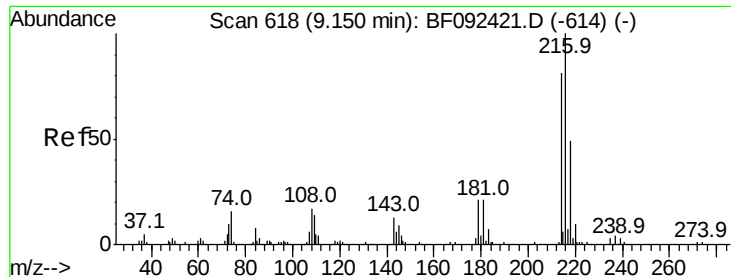
Lab File: BF092478.D

Acq: 25 Jan 2017 16:00

Tgt Ion:164 Resp: 404324

Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.2	120.2
160	42.4	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.23 ng

RT: 9.15 min Scan# 618

Delta R.T. -0.00 min

Lab File: BF092478.D

Acq: 25 Jan 2017 16:00

Instrument :

BNA_F

ClientSampleId :

PB96241BSD

Tot Ion:216 Resp: 440935

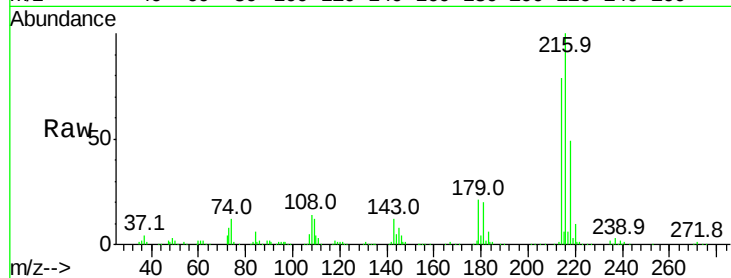
Ion Ratio Lower Upper

216 100

214 79.7 63.4 95.0

179 21.6 17.4 26.2

108 20.4 15.6 23.4

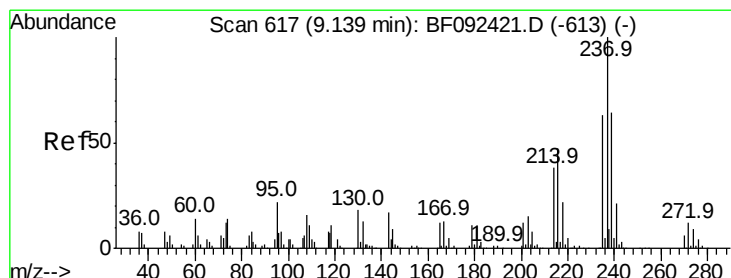
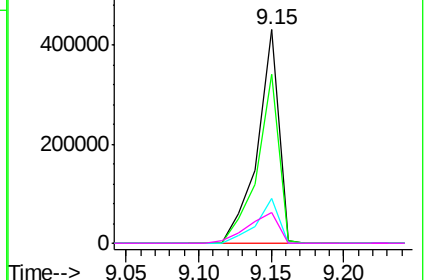
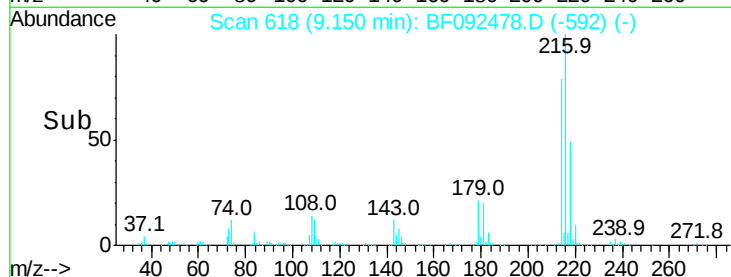


Abundance Ion 216.00 (215.70 to 216.70): E

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: 84.64 ng

RT: 9.14 min Scan# 617

Delta R.T. -0.00 min

Lab File: BF092478.D

Acq: 25 Jan 2017 16:00

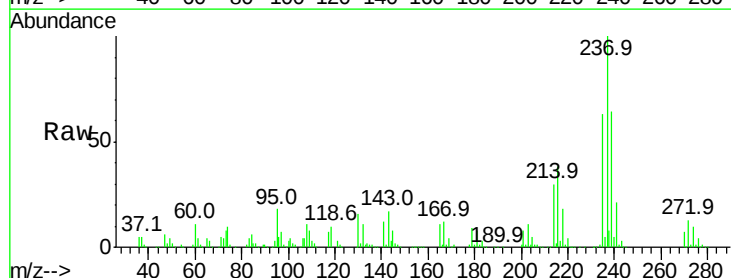
Tgt Ion:237 Resp: 432313

Ion Ratio Lower Upper

237 100

235 62.8 41.2 81.2

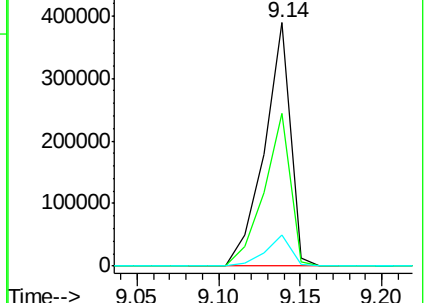
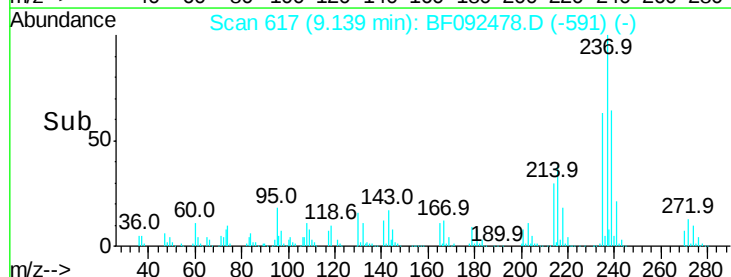
272 13.1 0.0 35.4

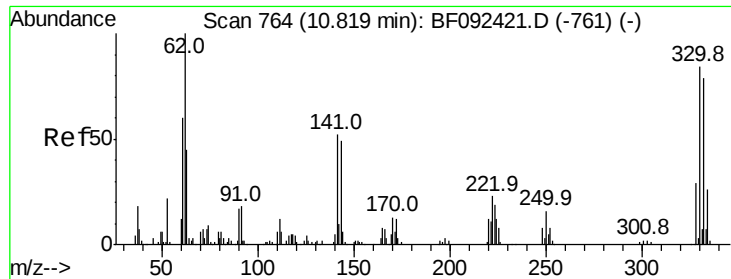


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 111.62 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF092478.D

Acq: 25 Jan 2017 16:00

Instrument :

BNA_F

ClientSampleId :

PB96241BSD

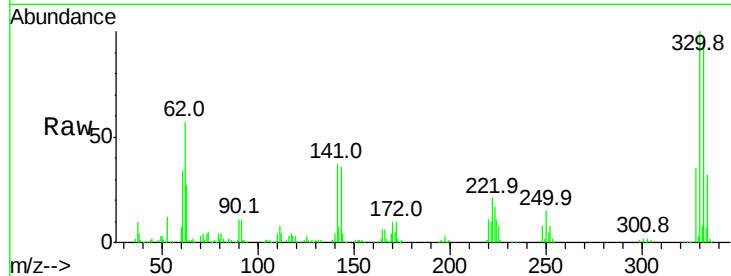
Tot Ion:330 Resp: 307536

Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.2

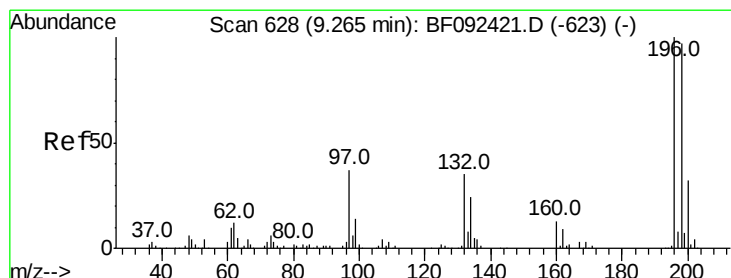
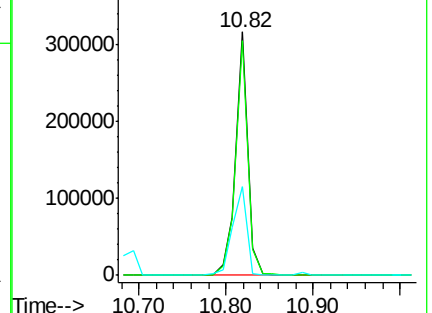
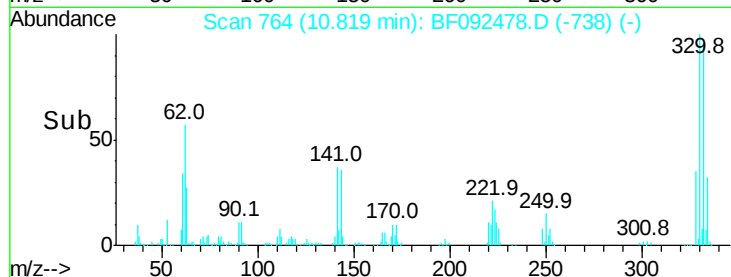
141 42.8 34.1 51.1



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 41.91 ng

RT: 9.25 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF092478.D

Acq: 25 Jan 2017 16:00

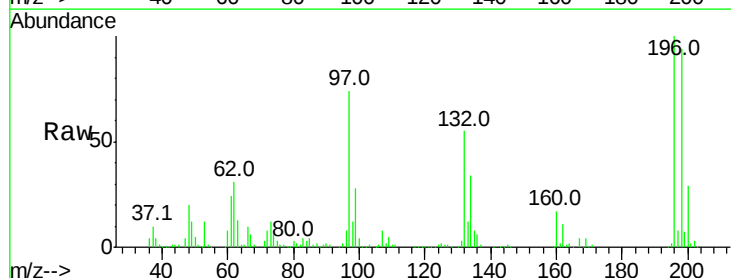
Tgt Ion:196 Resp: 327518

Ion Ratio Lower Upper

196 100

198 93.6 82.1 123.1

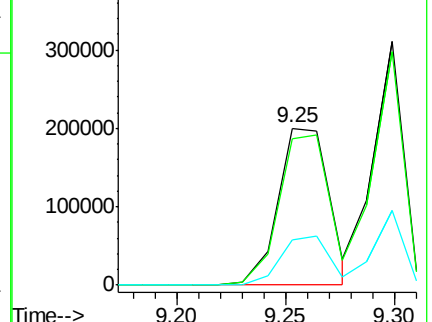
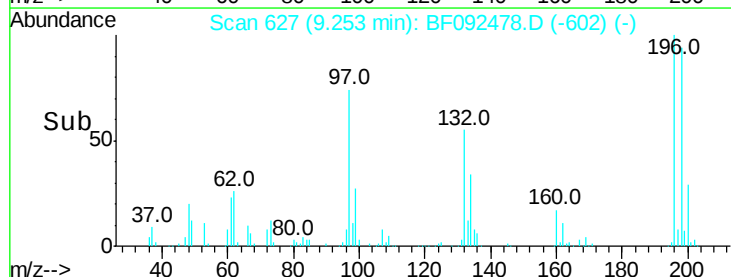
200 28.5 27.0 40.4

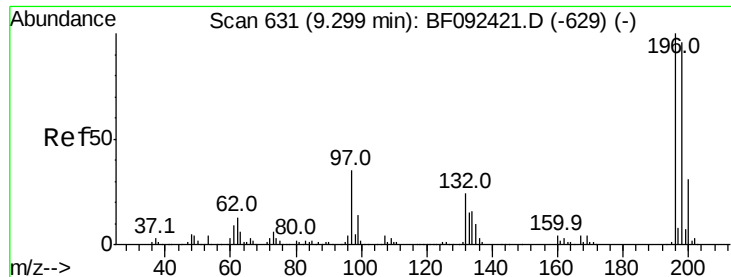


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

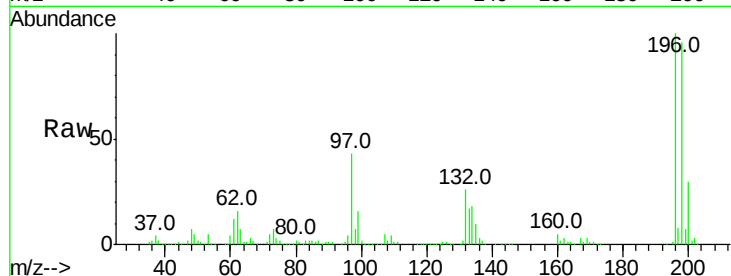




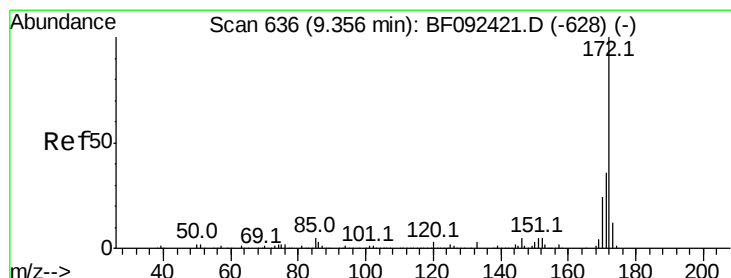
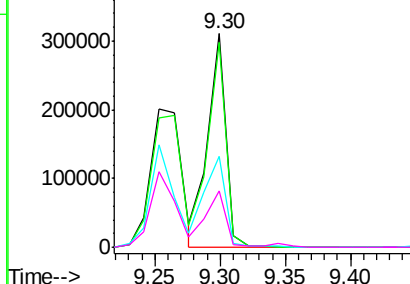
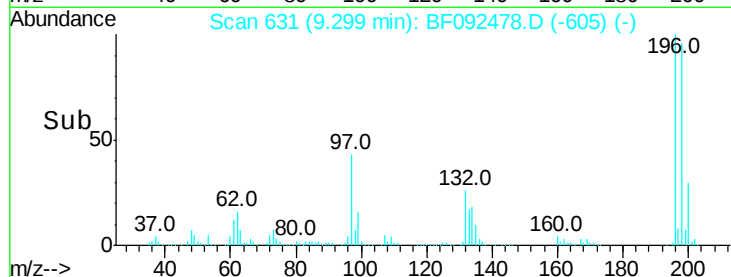
#43
 2,4,5-Trichlorophenol
 Concen: 42.34 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF092478.D
 Acq: 25 Jan 2017 16:00

Instrument :
 BNA_F
 ClientSampleId :
 PB96241BSD

Tot Ion:196 Resp: 302761
 Ion Ratio Lower Upper
 196 100
 198 95.6 79.4 119.2
 97 42.6 51.5 77.3#
 132 26.4 27.4 41.2#

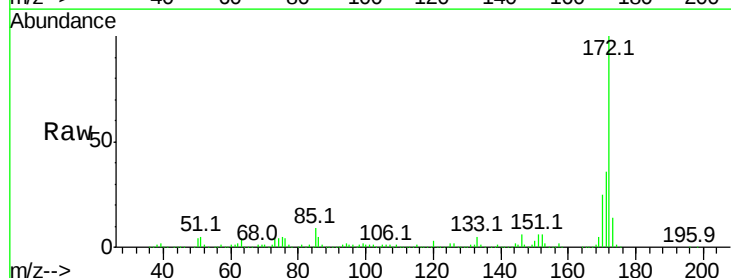


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

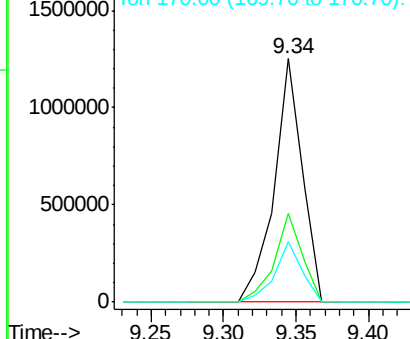
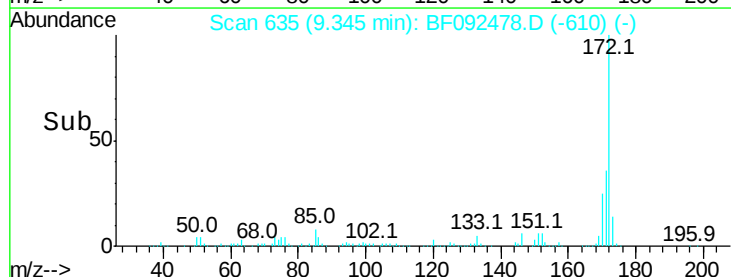


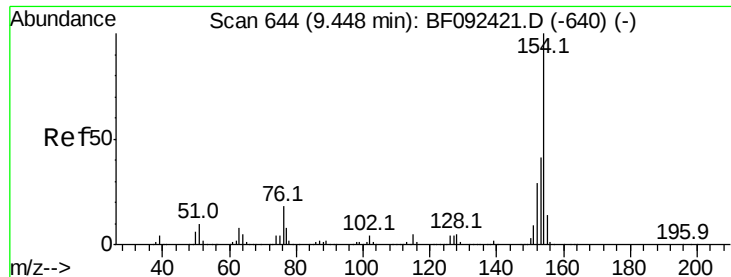
#44
 2-Fluorobiphenyl
 Concen: 76.55 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092478.D
 Acq: 25 Jan 2017 16:00

Tgt Ion:172 Resp: 1673834
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.9 20.2 30.4



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





#45

1,1'-Biphenyl

Concen: 38.64 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.00 min

Lab File: BF092478.D

Acq: 25 Jan 2017 16:00

Instrument :

BNA_F

ClientSampleId :

PB96241BSD

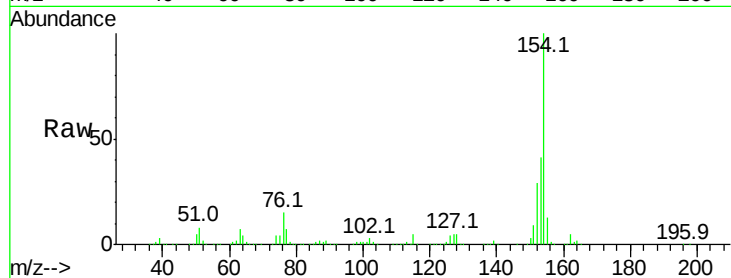
Tot Ion:154 Resp: 1129227

Ion Ratio Lower Upper

154 100

153 41.0 20.9 60.9

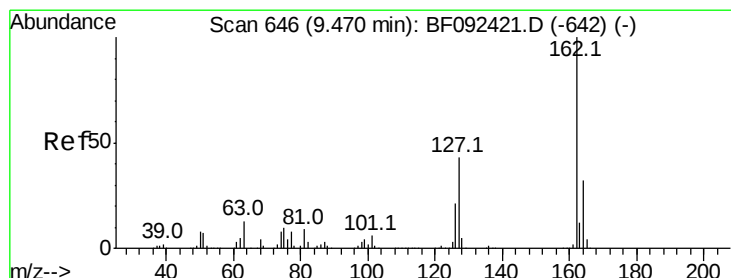
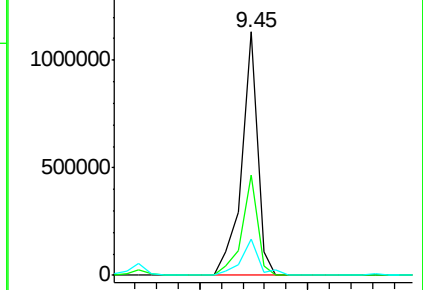
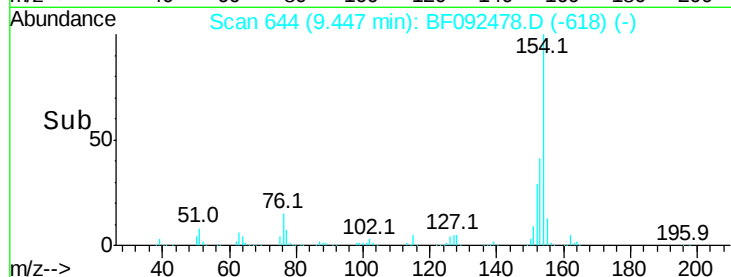
76 15.0 0.0 30.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 35.77 ng

RT: 9.47 min Scan# 646

Delta R.T. -0.00 min

Lab File: BF092478.D

Acq: 25 Jan 2017 16:00

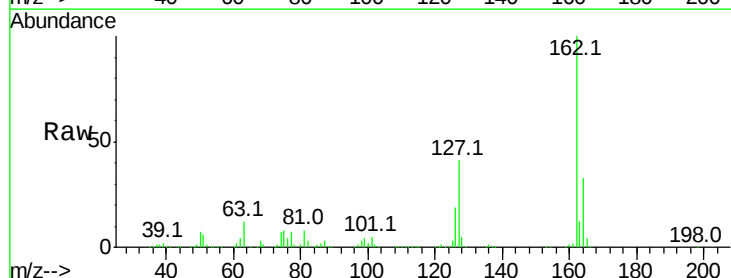
Tgt Ion:162 Resp: 853809

Ion Ratio Lower Upper

162 100

127 41.0 30.7 46.1

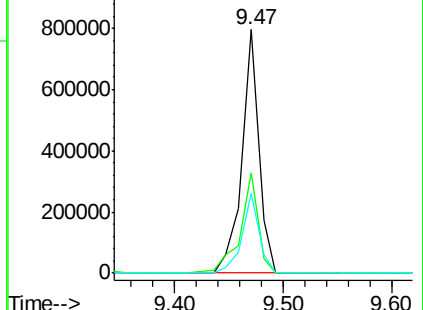
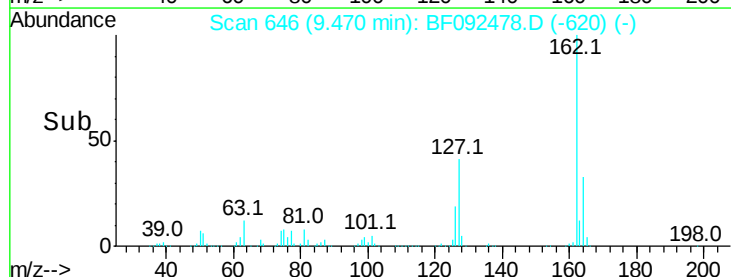
164 32.9 27.6 41.4

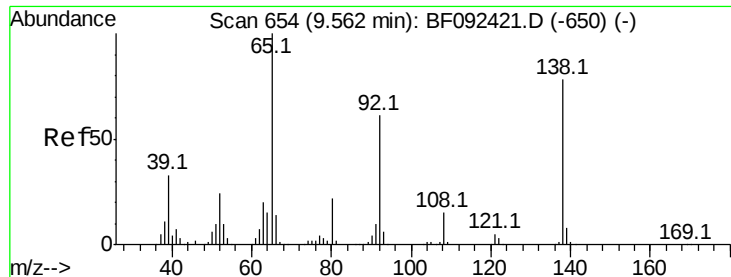


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

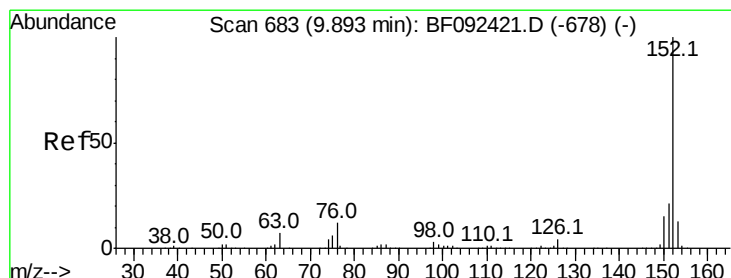
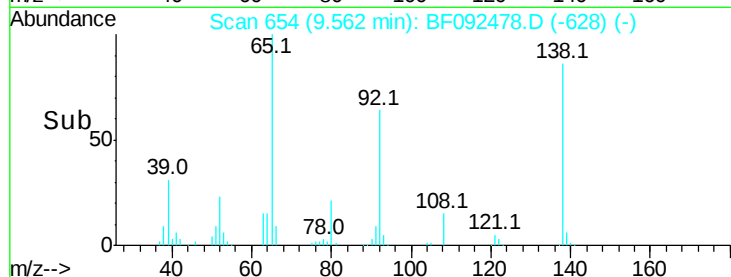
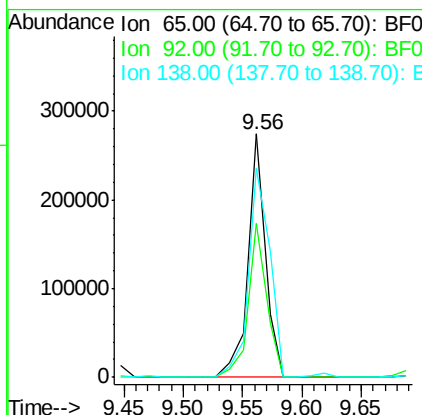
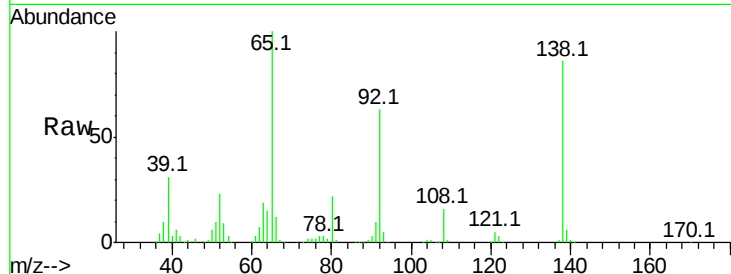




#47
2-Nitroaniline
Concen: 35.29 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.00 min
Lab File: BF092478.D
Acq: 25 Jan 2017 16:00

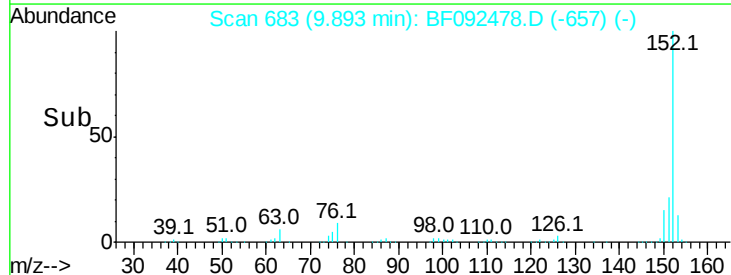
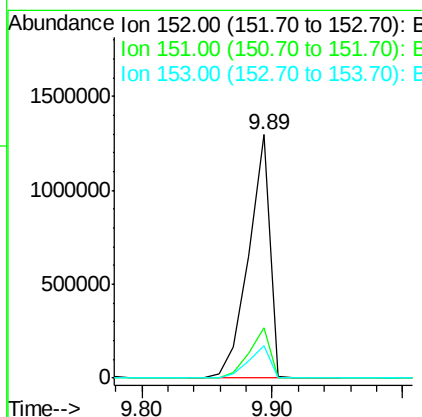
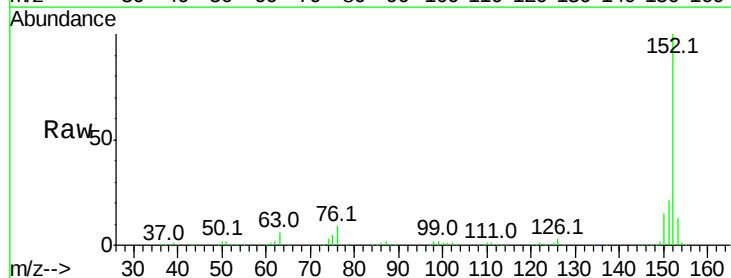
Instrument :
BNA_F
ClientSampleId :
PB96241BSD

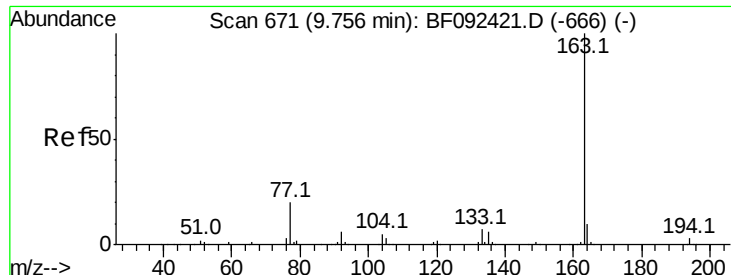
Tot Ion: 65 Resp: 283734
Ion Ratio Lower Upper
65 100
92 63.3 53.9 80.9
138 85.9 76.8 115.2



#48
Acenaphthylene
Concen: 42.22 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF092478.D
Acq: 25 Jan 2017 16:00

Tgt Ion: 152 Resp: 1478193
Ion Ratio Lower Upper
152 100
151 20.7 16.9 25.3
153 13.1 11.4 17.2

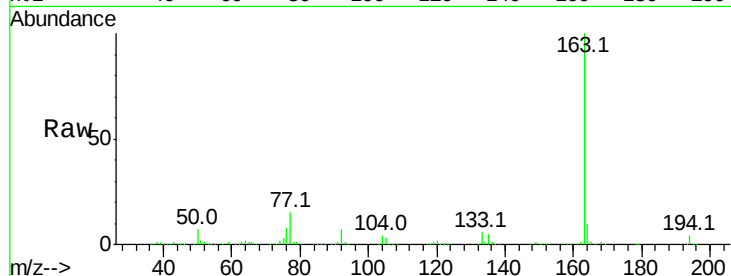




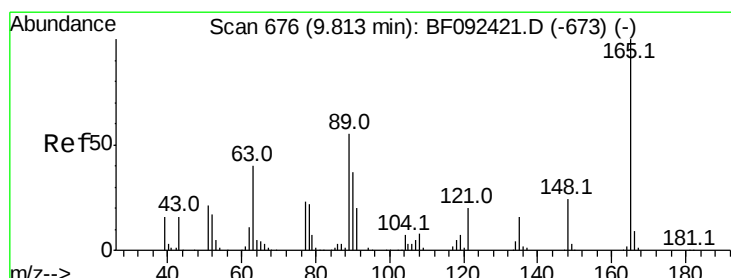
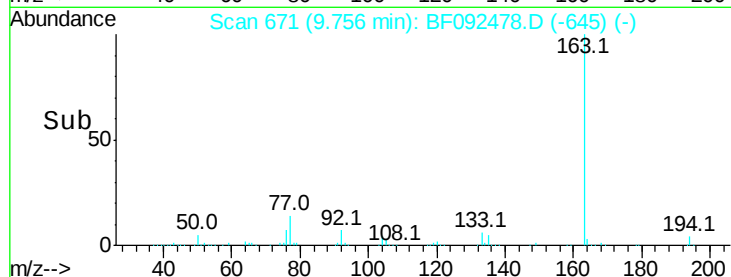
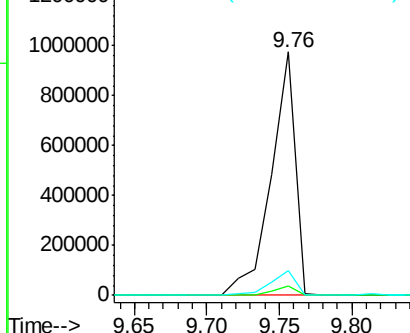
#49
Dimethylphthalate
Concen: 43.65 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF092478.D
Acq: 25 Jan 2017 16:00

Instrument :
BNA_F
ClientSampleId :
PB96241BSD

Tot Ion:163 Resp: 1122335
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 9.9 8.0 12.0

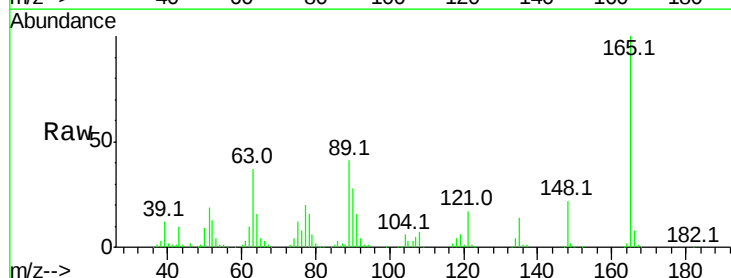


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

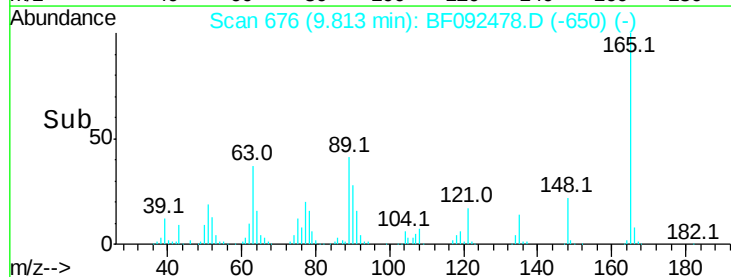
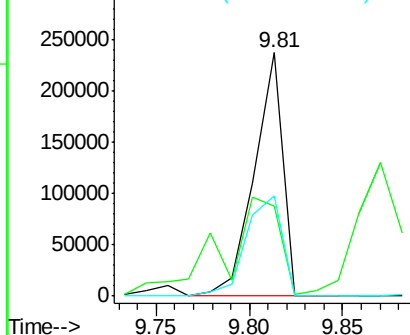


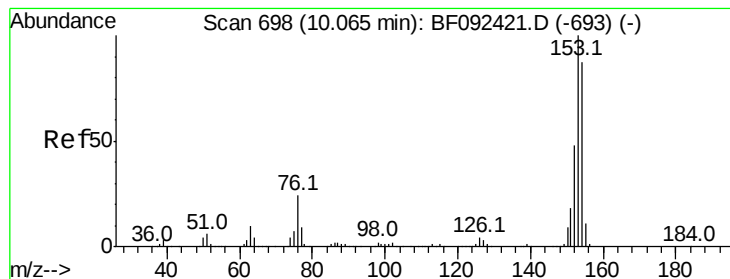
#50
2,6-Dinitrotoluene
Concen: 48.42 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.00 min
Lab File: BF092478.D
Acq: 25 Jan 2017 16:00

Tgt Ion:165 Resp: 254454
Ion Ratio Lower Upper
165 100
63 37.1 36.2 54.4
89 41.0 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: 46.47 ng

RT: 10.06 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF092478.D

Acq: 25 Jan 2017 16:00

Instrument :

BNA_F

ClientSampleId :

PB96241BSD

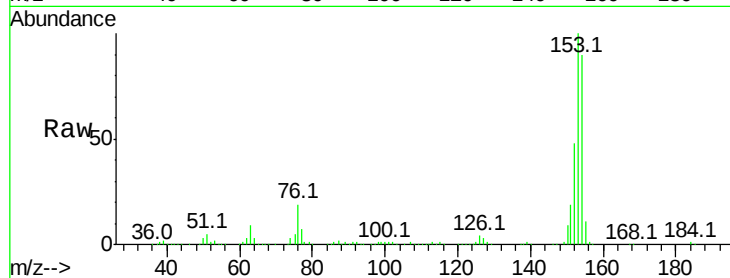
Tot Ion:154 Resp: 1010974

Ion Ratio Lower Upper

154 100

153 111.5 88.6 133.0

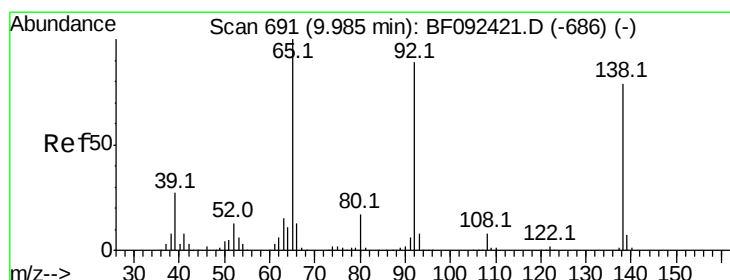
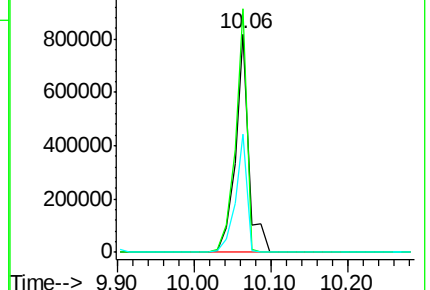
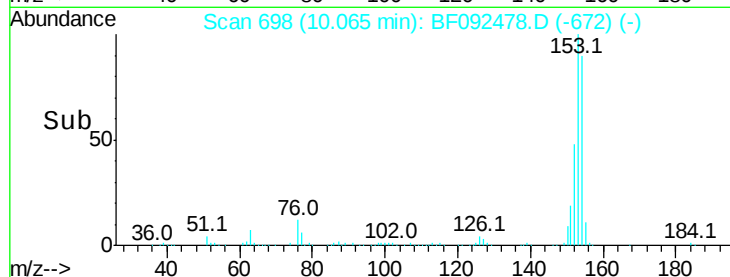
152 53.9 41.6 62.4



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: 22.71 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF092478.D

Acq: 25 Jan 2017 16:00

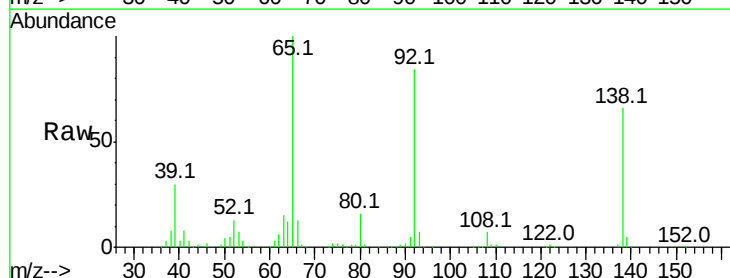
Tgt Ion:138 Resp: 149481

Ion Ratio Lower Upper

138 100

108 11.3 8.5 12.7

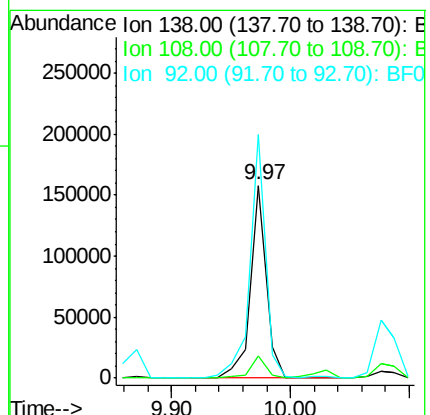
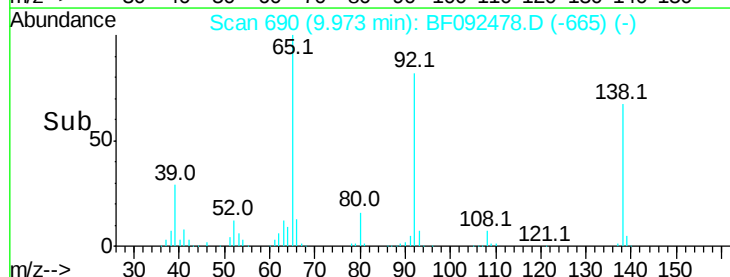
92 126.5 97.8 146.8

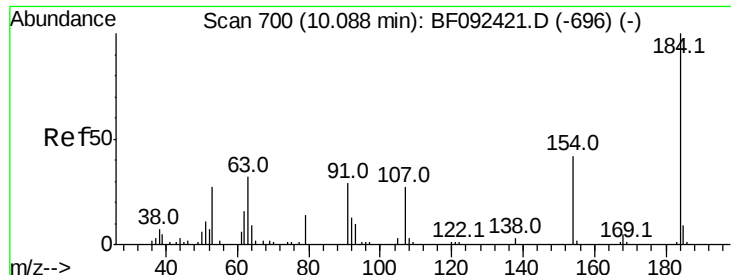


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

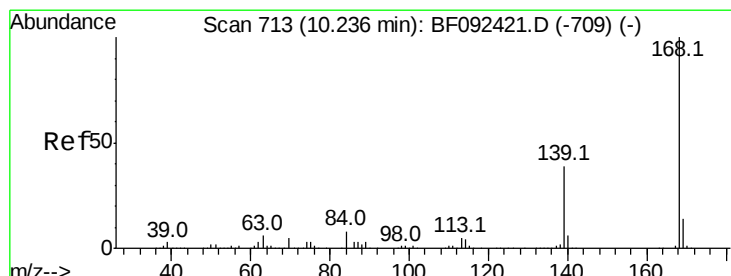
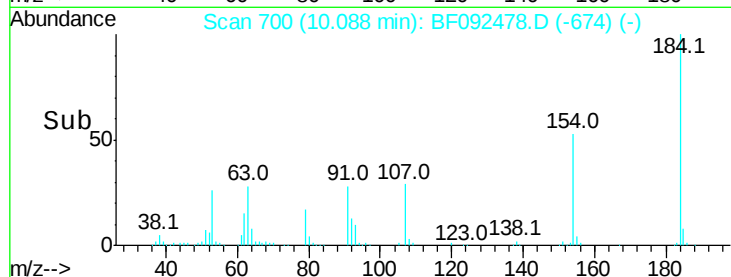
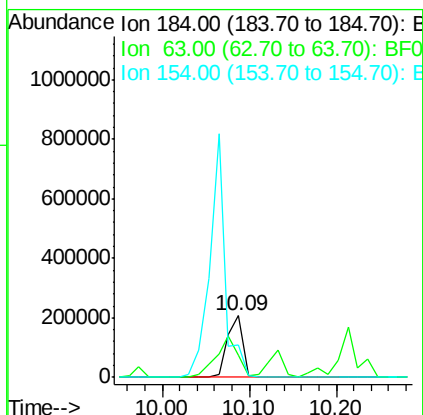
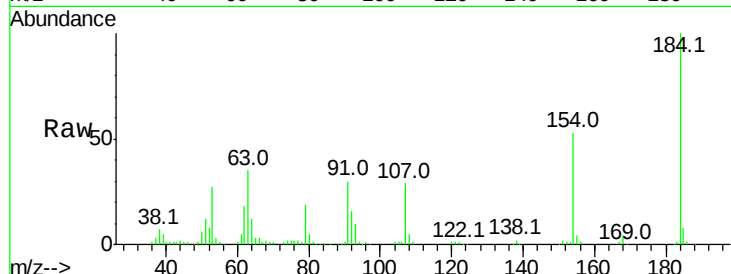




#53
 2,4-Dinitrophenol
 Concen: 75.36 ng
 RT: 10.09 min Scan# 700
 Delta R.T. 0.00 min
 Lab File: BF092478.D
 Acq: 25 Jan 2017 16:00

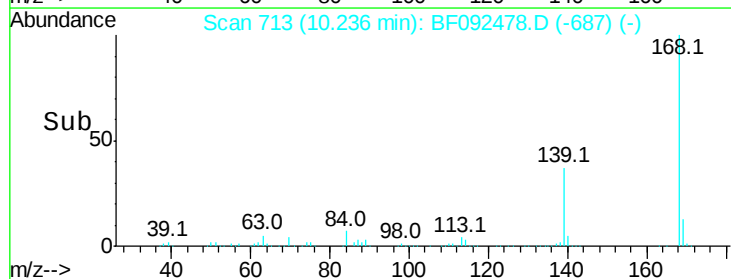
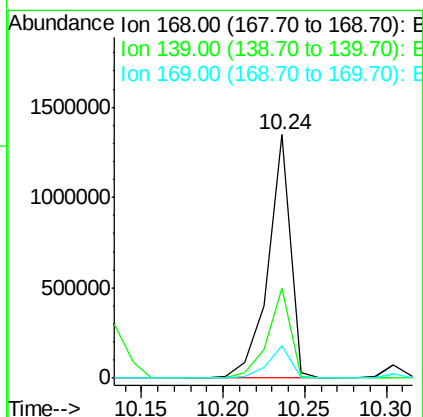
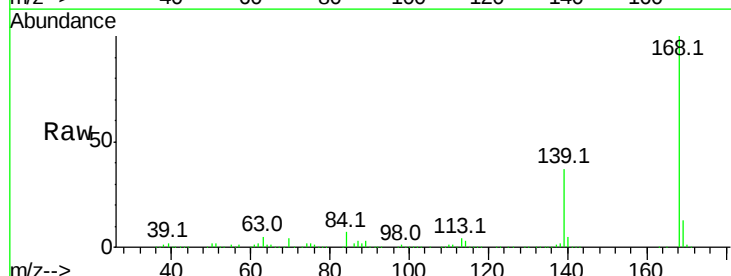
Instrument :
 BNA_F
 ClientSampleId :
 PB96241BSD

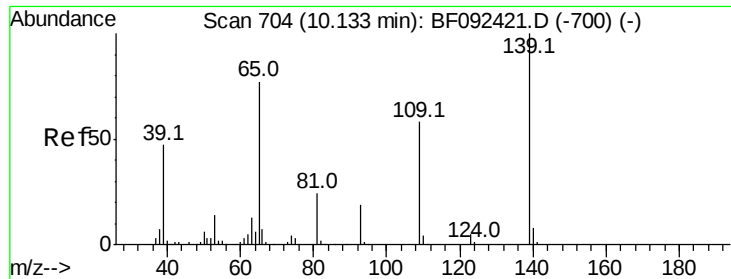
Tot Ion:184 Resp: 253590
 Ion Ratio Lower Upper
 184 100
 63 35.2 28.4 42.6
 154 52.5 44.3 66.5



#54
 Dibenzofuran
 Concen: 43.52 ng
 RT: 10.24 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: BF092478.D
 Acq: 25 Jan 2017 16:00

Tgt Ion:168 Resp: 1285802
 Ion Ratio Lower Upper
 168 100
 139 36.9 32.6 49.0
 169 13.3 11.3 16.9

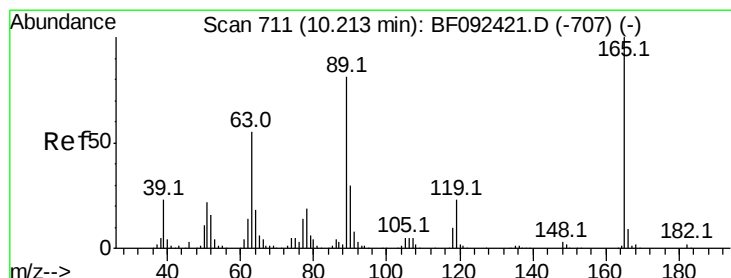
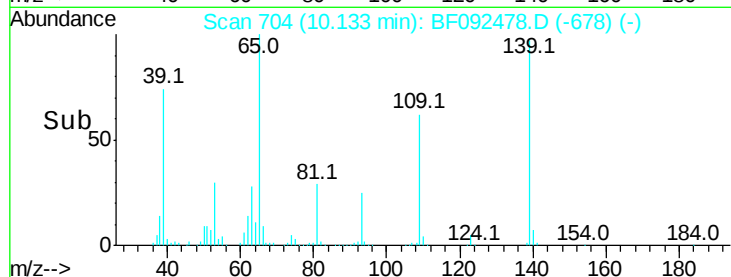
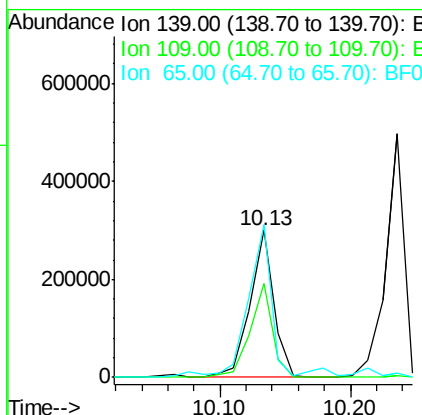
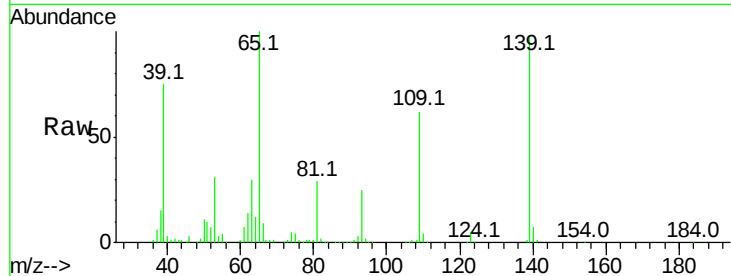




#55
4-Nitrophenol
Concen: 72.48 ng
RT: 10.13 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF092478.D
Acq: 25 Jan 2017 16:00

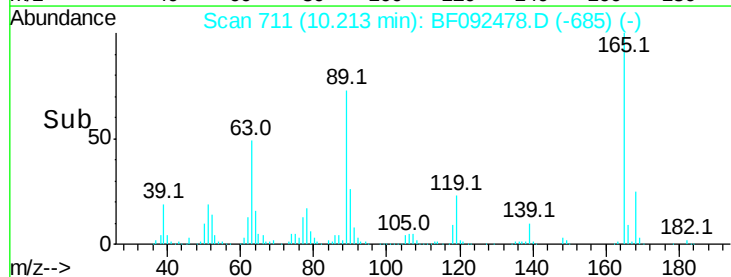
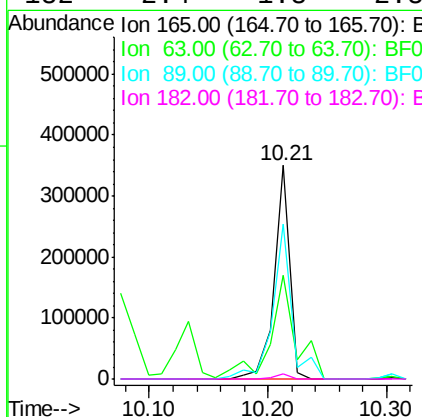
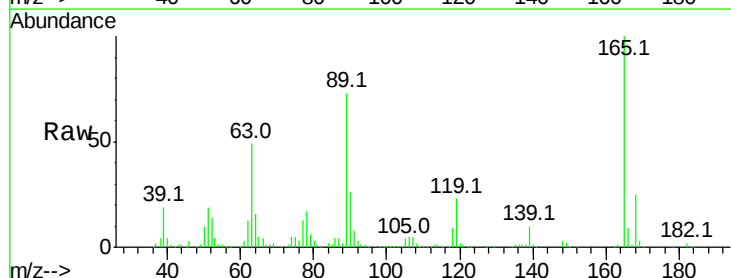
Instrument :
BNA_F
ClientSampleId :
PB96241BSD

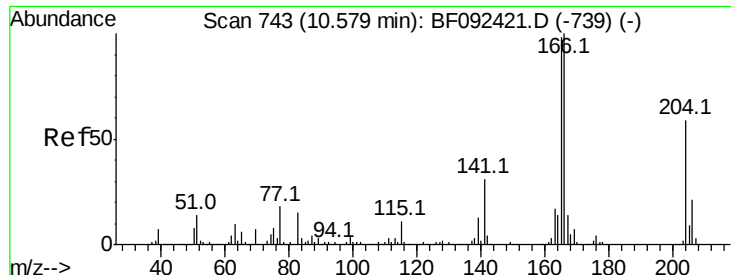
Tot Ion:139 Resp: 378842
Ion Ratio Lower Upper
139 100
109 63.7 52.2 92.2
65 103.6 85.8 125.8



#56
2,4-Dinitrotoluene
Concen: 45.41 ng
RT: 10.21 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF092478.D
Acq: 25 Jan 2017 16:00

Tgt Ion:165 Resp: 316786
Ion Ratio Lower Upper
165 100
63 48.8 40.2 60.4
89 72.8 62.5 93.7
182 2.4 1.8 2.8

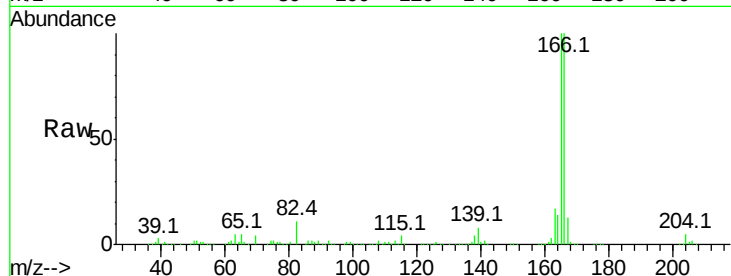




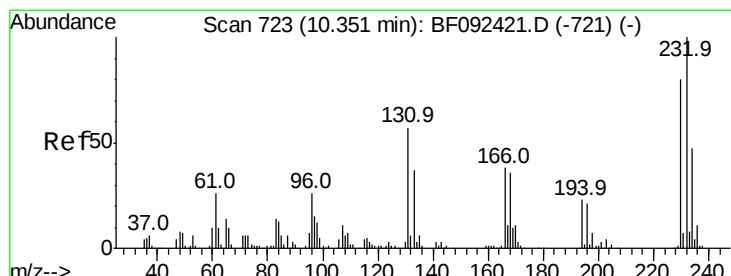
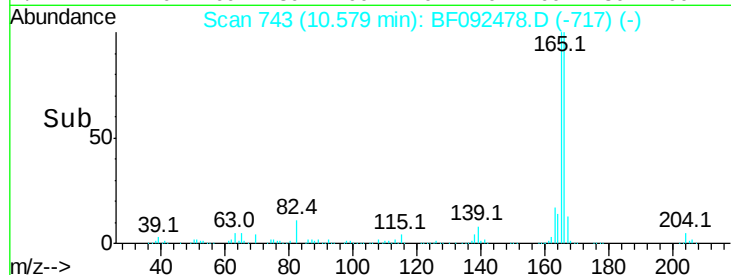
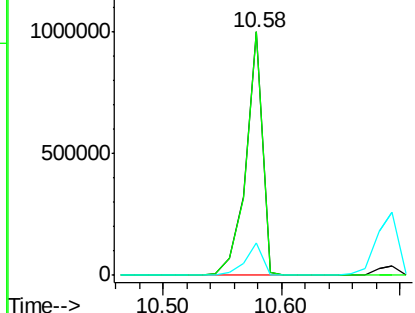
#57
 Fluorene
 Concen: 44.27 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF092478.D
 Acq: 25 Jan 2017 16:00

Instrument :
 BNA_F
 ClientSampleId :
 PB96241BSD

Tot Ion:166 Resp: 969720
 Ion Ratio Lower Upper
 166 100
 165 100.2 77.8 116.8
 167 13.4 10.8 16.2

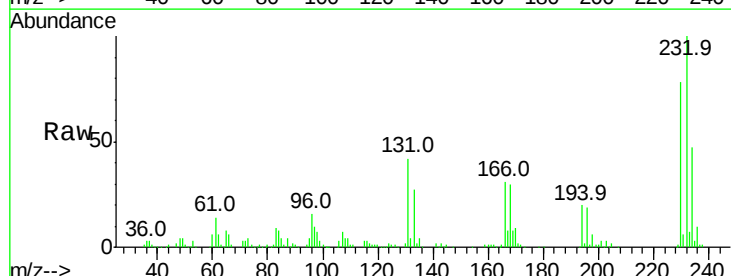


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

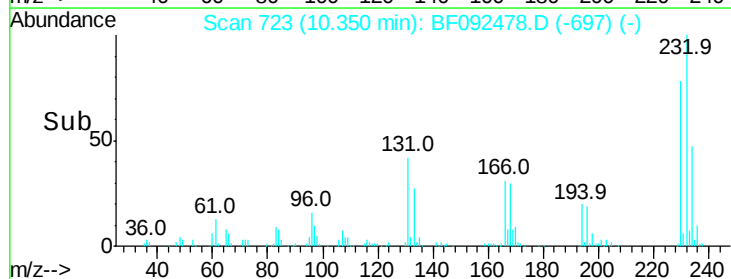
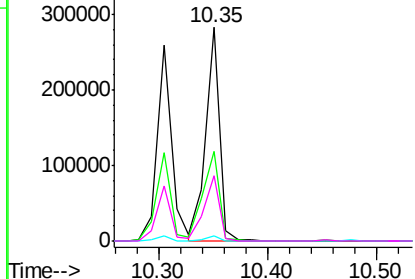


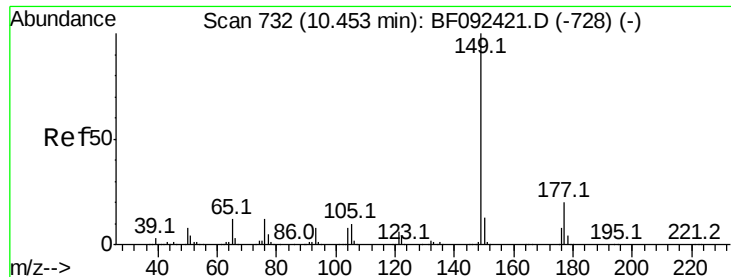
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.42 ng
 RT: 10.35 min Scan# 723
 Delta R.T. -0.00 min
 Lab File: BF092478.D
 Acq: 25 Jan 2017 16:00

Tgt Ion:232 Resp: 254013
 Ion Ratio Lower Upper
 232 100
 131 48.4 40.1 60.1
 130 2.3 1.8 2.8
 166 33.0 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

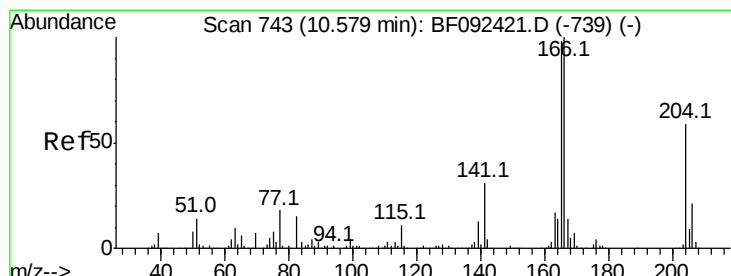
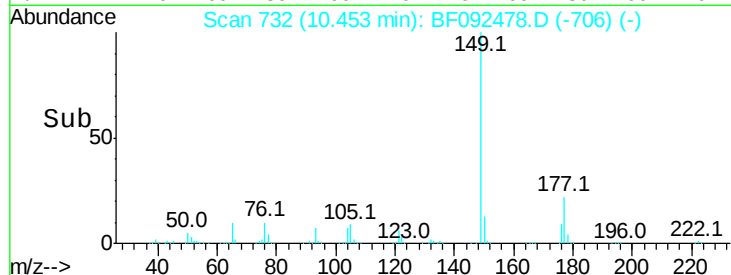
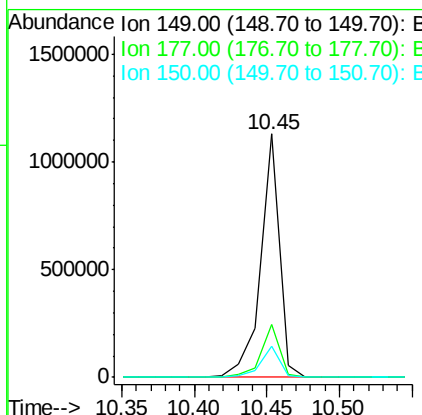
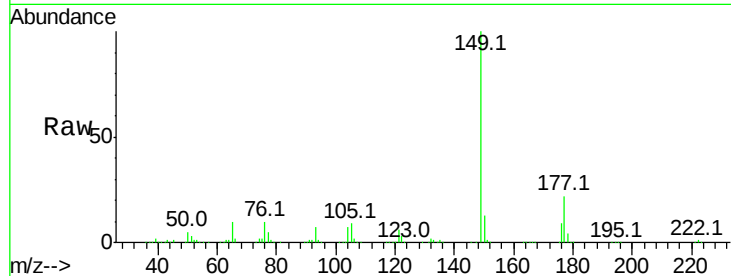




#59
Diethylphthalate
Concen: 41.35 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF092478.D
Acq: 25 Jan 2017 16:00

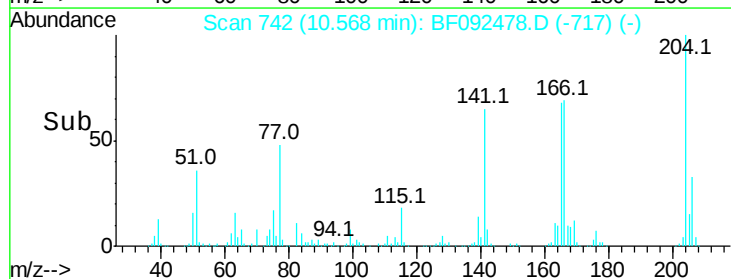
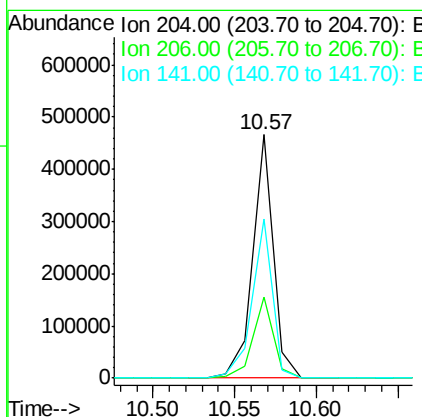
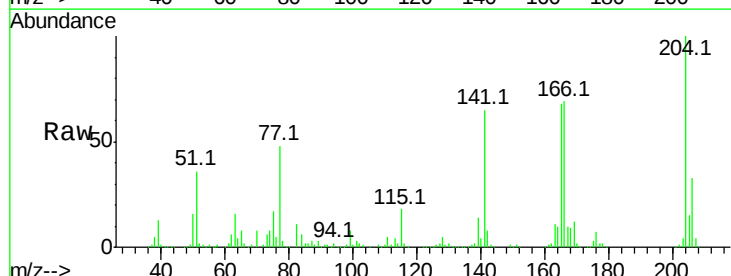
Instrument :
BNA_F
ClientSampleId :
PB96241BSD

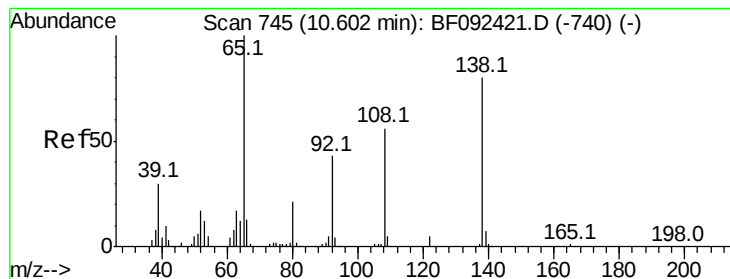
Tot Ion:149 Resp: 1019514
Ion Ratio Lower Upper
149 100
177 22.0 16.6 25.0
150 12.6 10.4 15.6



#60
4-Chlorophenyl-phenylether
Concen: 38.55 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF092478.D
Acq: 25 Jan 2017 16:00

Tgt Ion:204 Resp: 409530
Ion Ratio Lower Upper
204 100
206 33.2 25.8 38.6
141 65.2 59.4 89.0





#61

4-Nitroaniline

Concen: 40.43 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF092478.D

Acq: 25 Jan 2017 16:00

Instrument :

BNA_F

ClientSampleId :

PB96241BSD

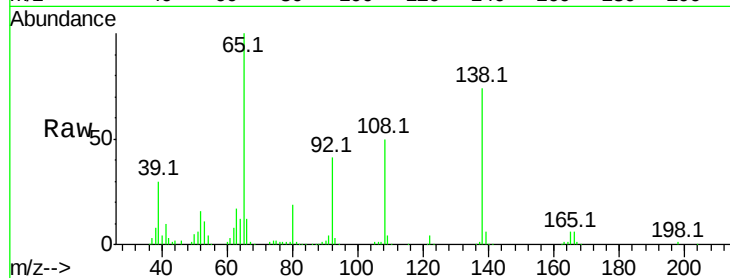
Tot Ion:138 Resp: 266153

Ion Ratio Lower Upper

138 100

92 55.5 31.7 71.7

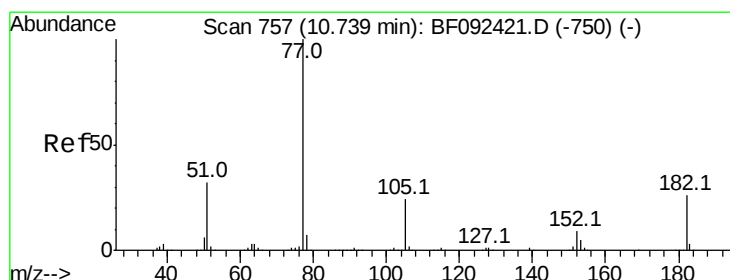
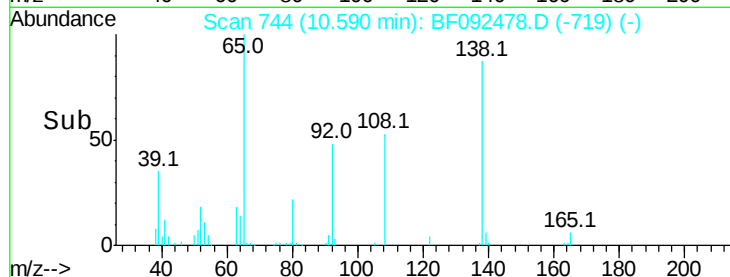
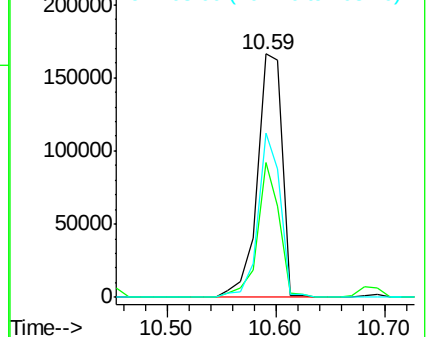
108 67.5 52.6 92.6



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: 40.40 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF092478.D

Acq: 25 Jan 2017 16:00

Tgt Ion: 77 Resp: 1133559

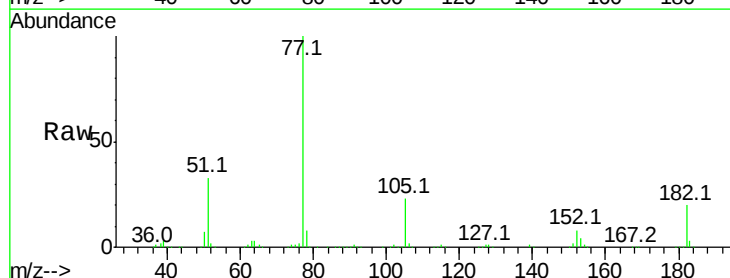
Ion Ratio Lower Upper

77 100

182 20.3 0.0 39.3

105 23.2 2.3 42.3

51 32.8 8.9 48.9

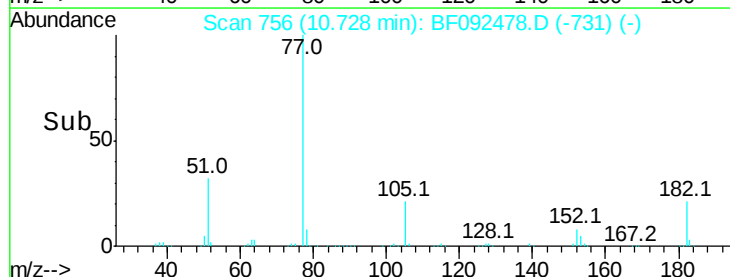
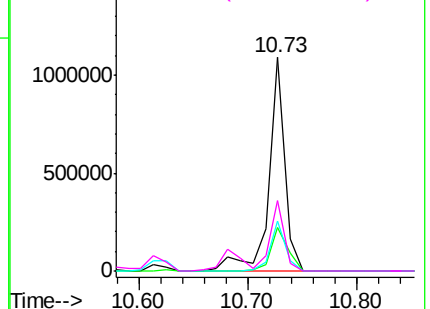


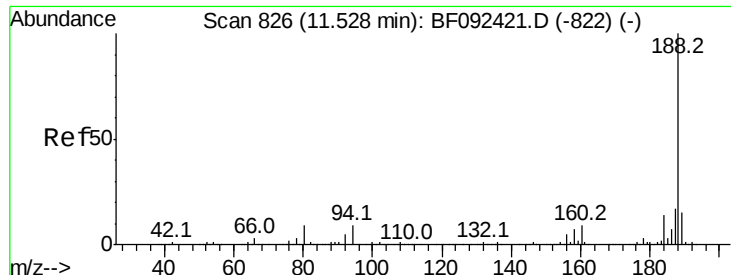
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

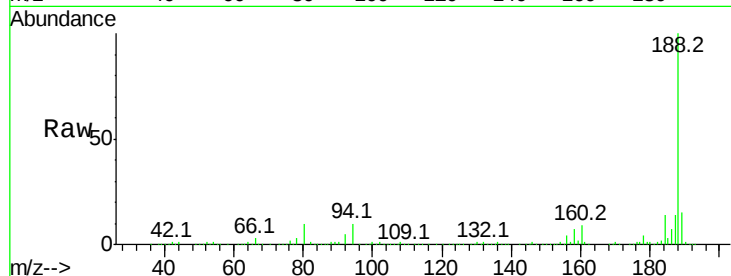




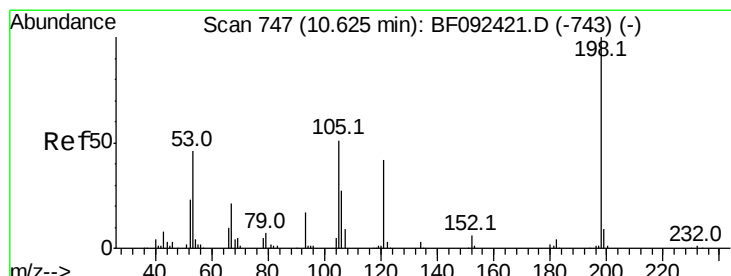
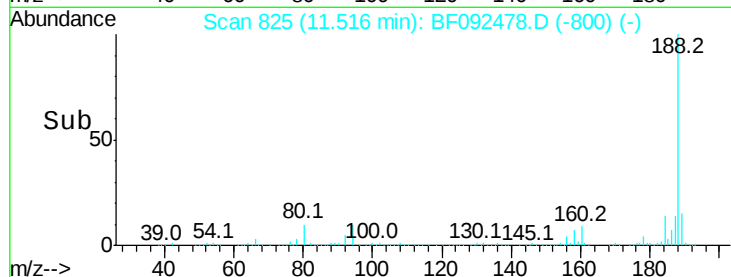
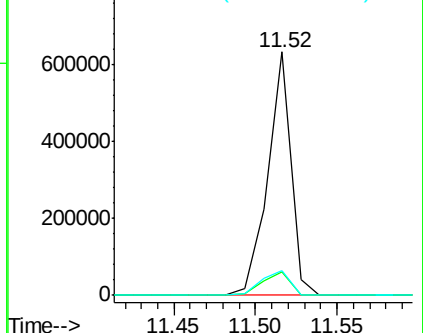
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF092478.D
 Acq: 25 Jan 2017 16:00

Instrument :
 BNA_F
 ClientSampleId :
 PB96241BSD

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.6	10.0	15.0#
80	10.2	11.2	16.8#

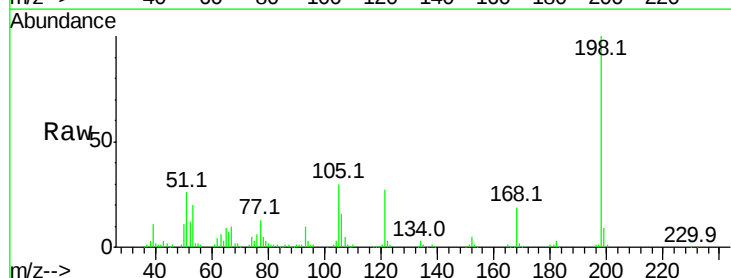


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

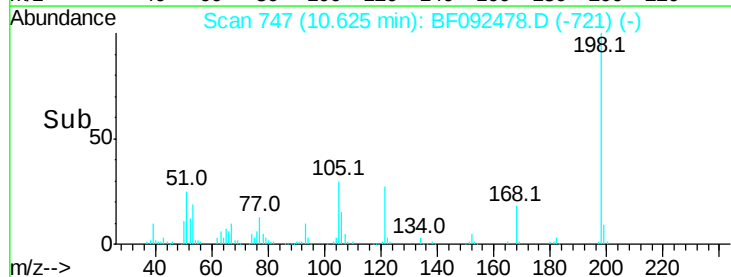
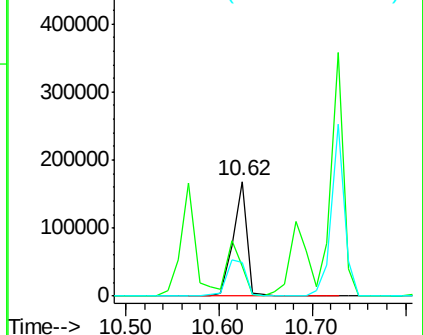


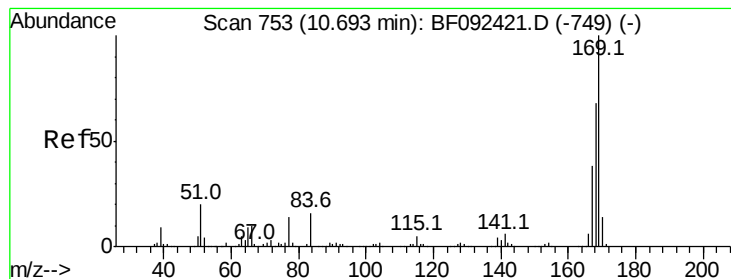
#64
 4,6-Dinitro-2-methylphenol
 Concen: 51.53 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF092478.D
 Acq: 25 Jan 2017 16:00

Tgt Ion	Ratio	Lower	Upper
198	100		
51	25.6	6.7	46.7
105	29.9	16.6	56.6



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





#65

n-Nitrosodiphenylamine

Concen: 44.21 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF092478.D

Acq: 25 Jan 2017 16:00

Instrument :

BNA_F

ClientSampleId :

PB96241BSD

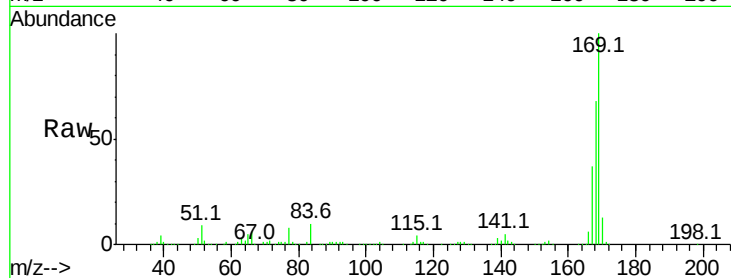
Tot Ion:169 Resp: 869844

Ion Ratio Lower Upper

169 100

168 67.7 54.2 81.2

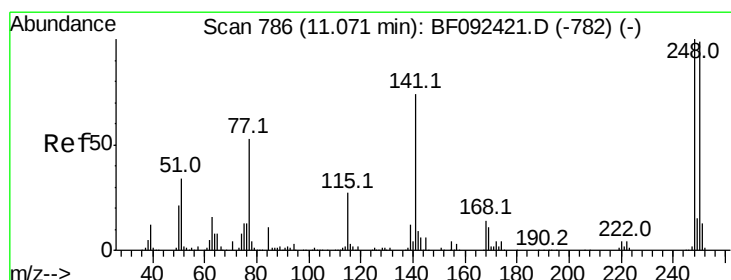
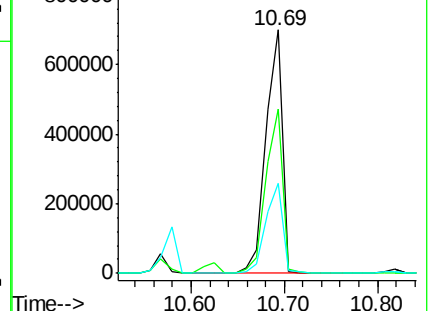
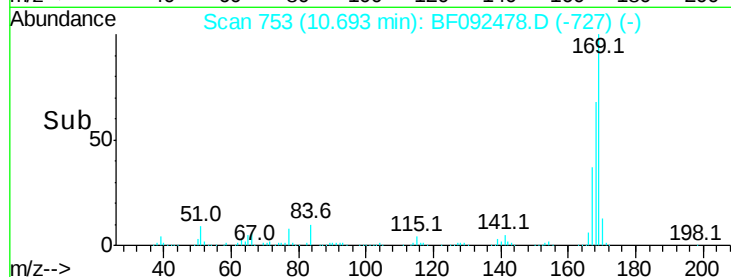
167 37.1 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.55 ng

RT: 11.06 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF092478.D

Acq: 25 Jan 2017 16:00

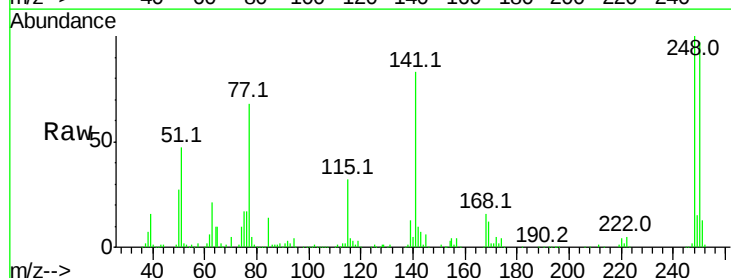
Tgt Ion:248 Resp: 251606

Ion Ratio Lower Upper

248 100

250 96.6 76.9 115.3

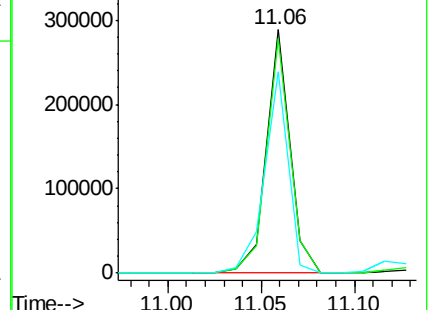
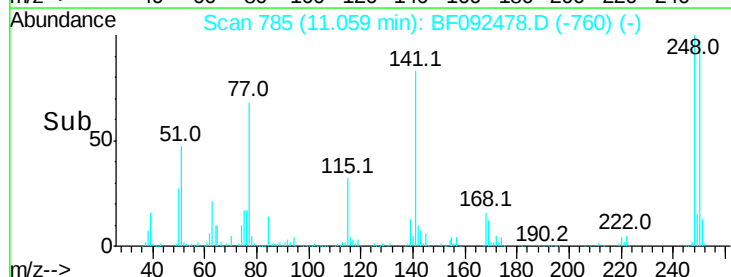
141 82.6 68.2 102.4

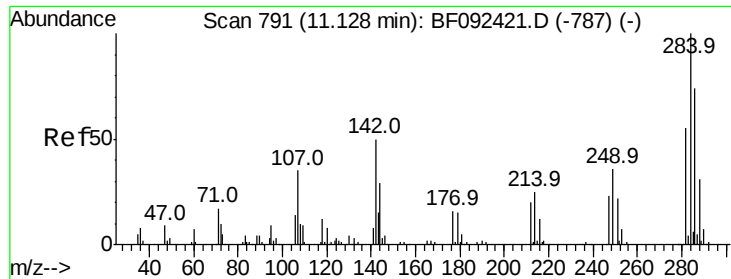


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

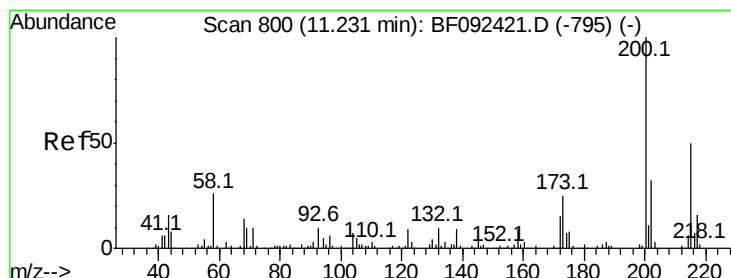
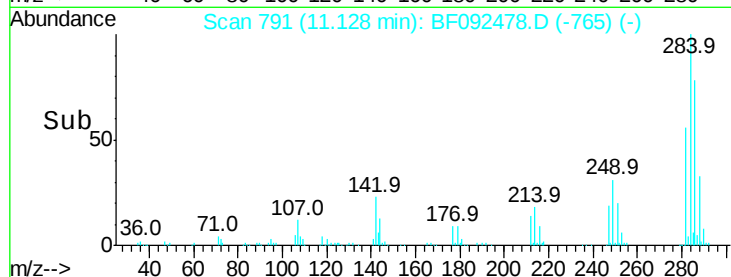
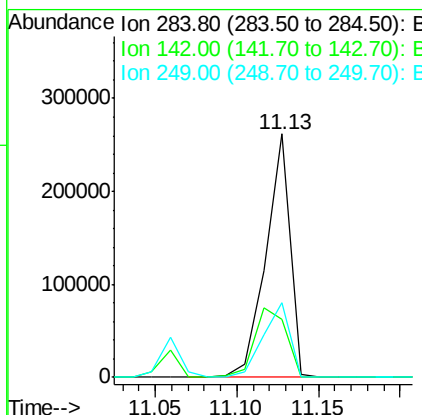
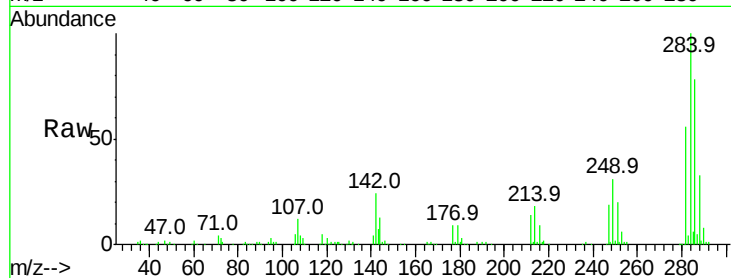




#67
Hexachlorobenzene
Concen: 42.03 ng
RT: 11.13 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF092478.D
Acq: 25 Jan 2017 16:00

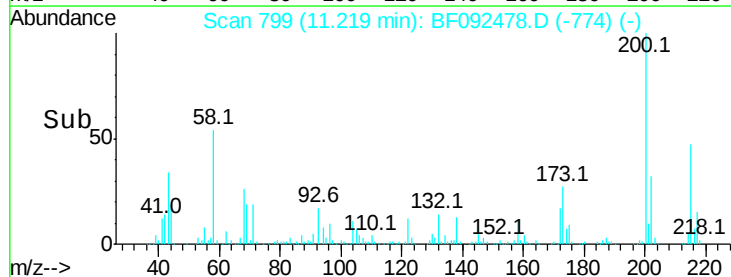
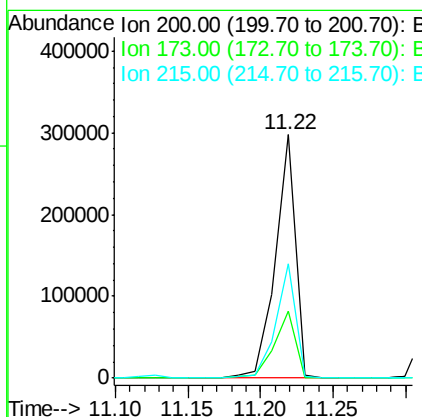
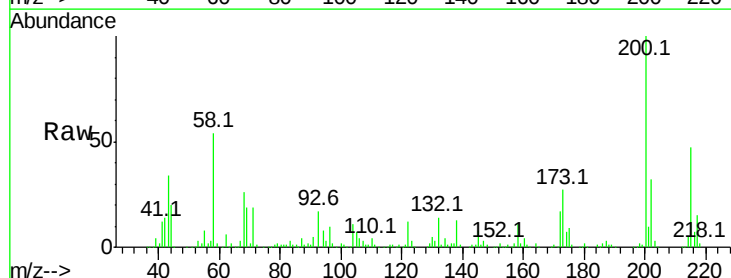
Instrument :
BNA_F
ClientSampleId :
PB96241BSD

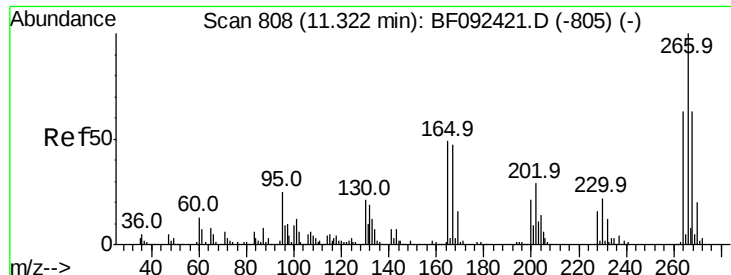
Tot Ion	Ratio	Lower	Upper
284	100		
142	23.6	22.6	33.8
249	30.7	25.4	38.0



#68
Atrazine
Concen: 42.40 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF092478.D
Acq: 25 Jan 2017 16:00

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.4	9.6	49.6
215	47.2	25.7	65.7

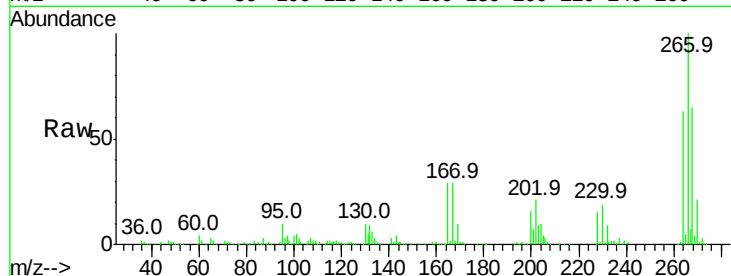




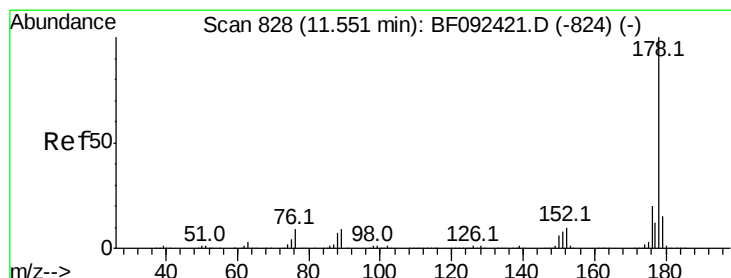
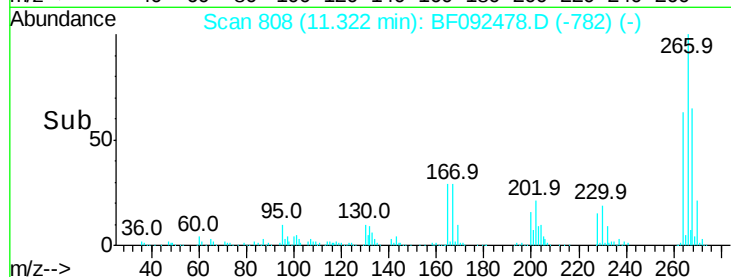
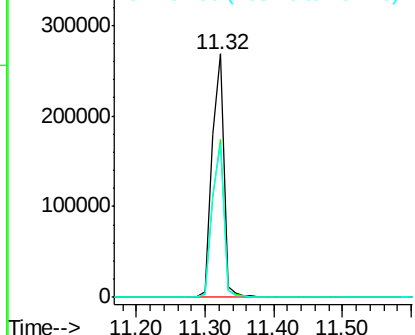
#69
 Pentachlorophenol
 Concen: 79.77 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF092478.D
 Acq: 25 Jan 2017 16:00

Instrument :
 BNA_F
 ClientSampleId :
 PB96241BSD

Tot Ion:266 Resp: 327964
 Ion Ratio Lower Upper
 266 100
 268 64.9 53.3 79.9
 264 62.5 50.3 75.5

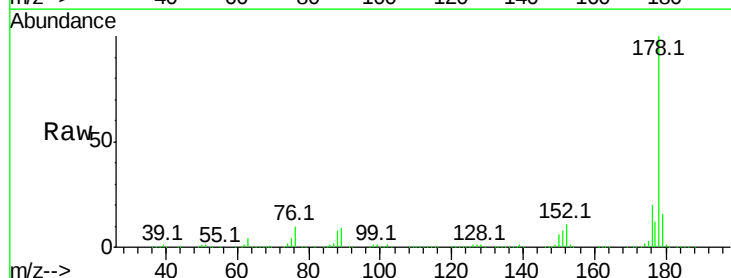


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

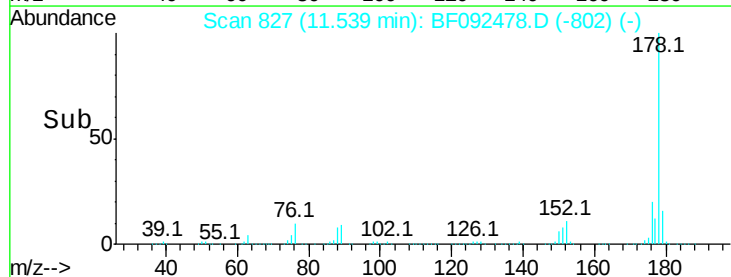
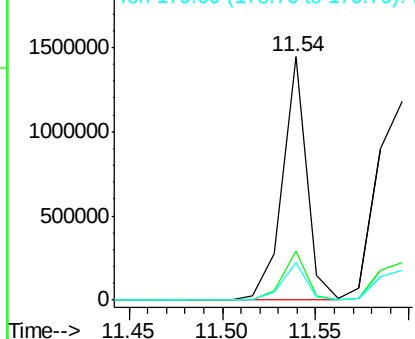


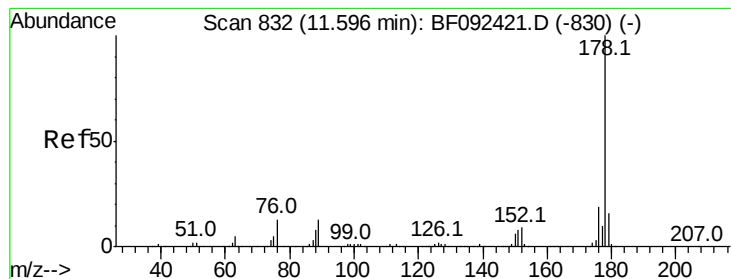
#70
 Phenanthrene
 Concen: 37.74 ng
 RT: 11.54 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF092478.D
 Acq: 25 Jan 2017 16:00

Tgt Ion:178 Resp: 1309424
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.6 25.0
 179 15.7 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: 43.78 ng

RT: 11.60 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF092478.D

Acq: 25 Jan 2017 16:00

Instrument :

BNA_F

ClientSampleId :

PB96241BSD

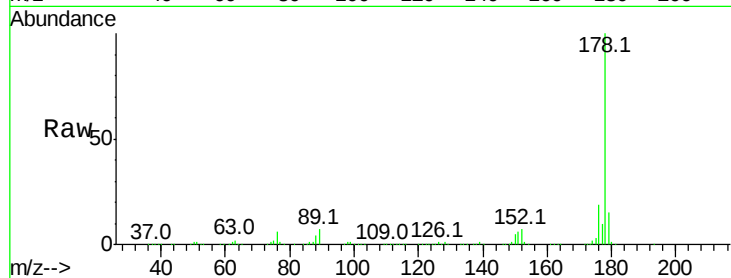
Tot Ion:178 Resp: 1484550

Ion Ratio Lower Upper

178 100

176 19.1 15.9 23.9

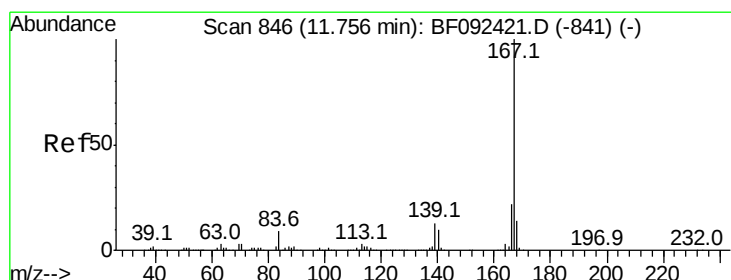
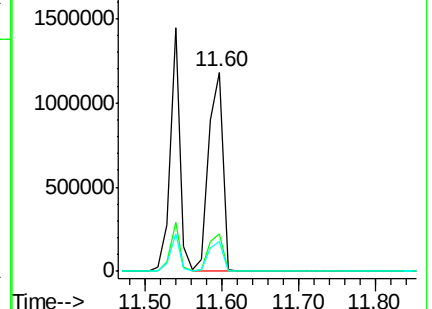
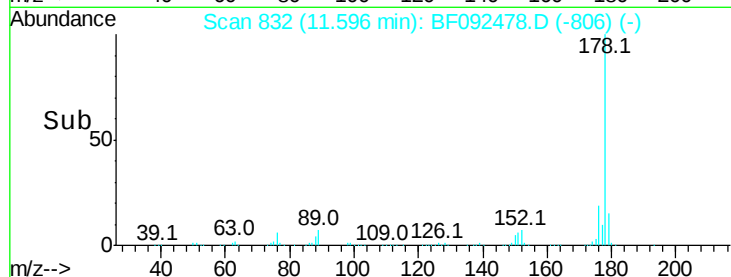
179 15.2 13.2 19.8



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: 40.83 ng

RT: 11.74 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF092478.D

Acq: 25 Jan 2017 16:00

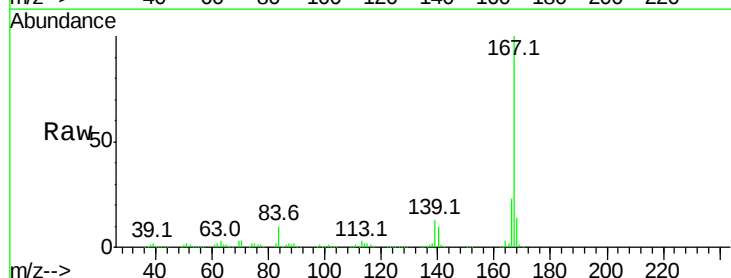
Tgt Ion:167 Resp: 1321928

Ion Ratio Lower Upper

167 100

166 22.6 18.2 27.2

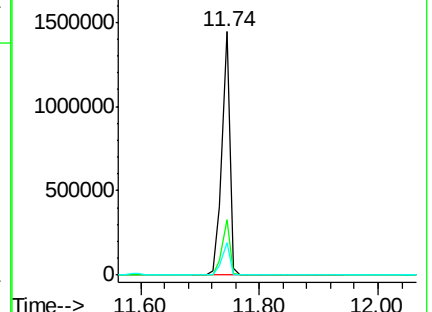
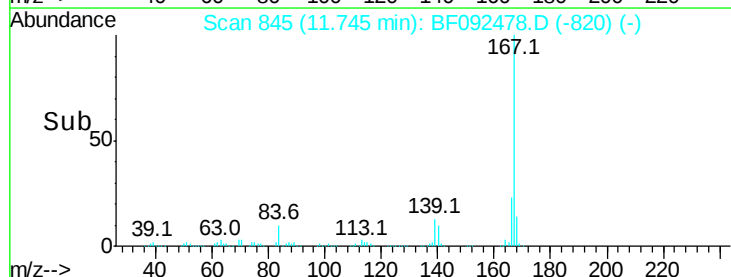
139 13.2 11.4 17.2

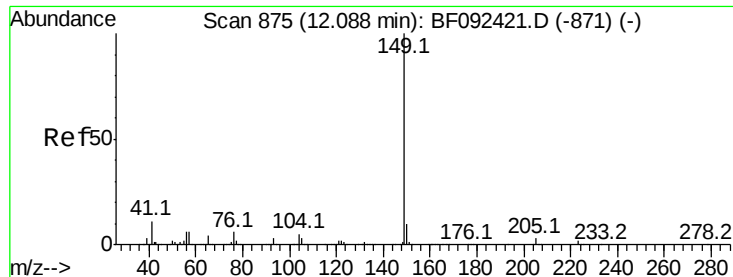


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.68 ng

RT: 12.08 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF092478.D

Acq: 25 Jan 2017 16:00

Instrument :

BNA_F

ClientSampleId :

PB96241BSD

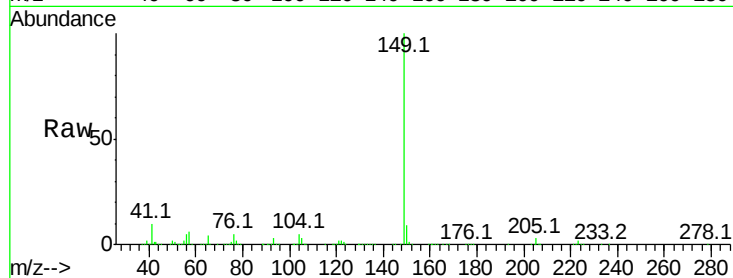
Tot Ion:149 Resp: 1469100

Ion Ratio Lower Upper

149 100

150 9.5 8.1 12.1

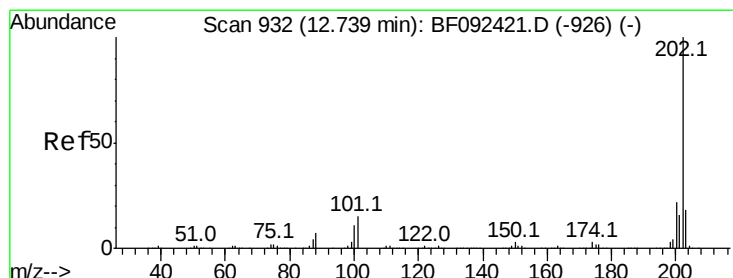
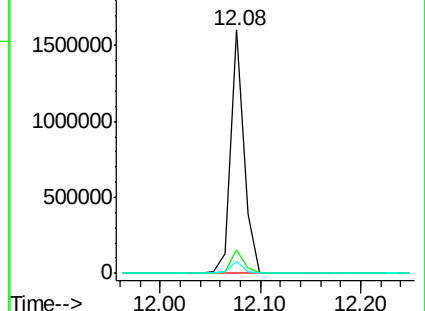
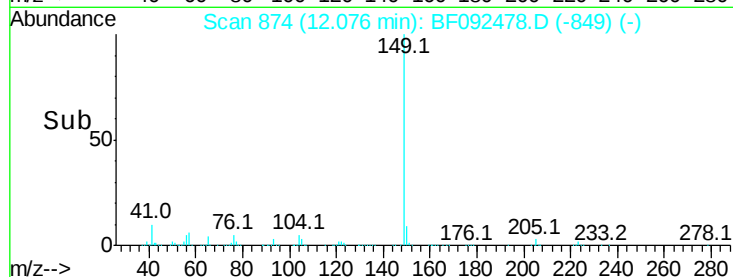
104 4.8 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.74 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF092478.D

Acq: 25 Jan 2017 16:00

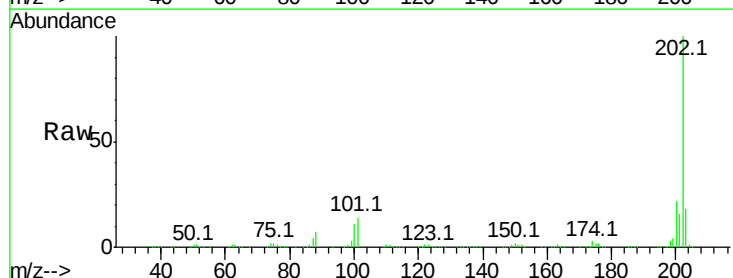
Tgt Ion:202 Resp: 1348776

Ion Ratio Lower Upper

202 100

101 14.2 0.0 34.6

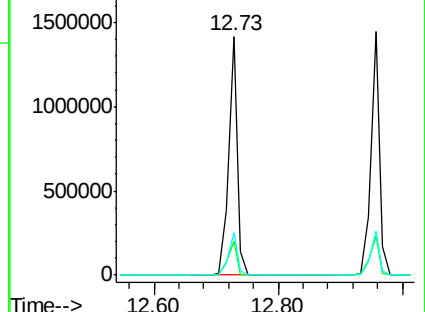
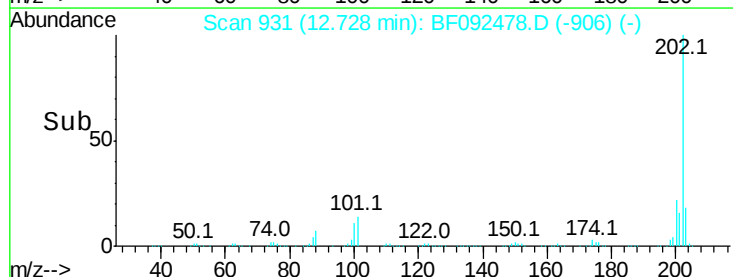
203 17.9 0.0 38.7

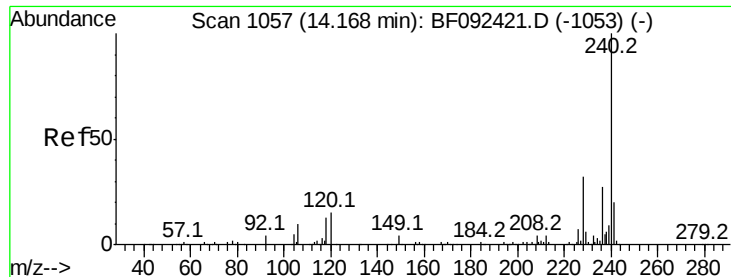


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.16 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF092478.D

Acq: 25 Jan 2017 16:00

Instrument :

BNA_F

ClientSampleId :

PB96241BSD

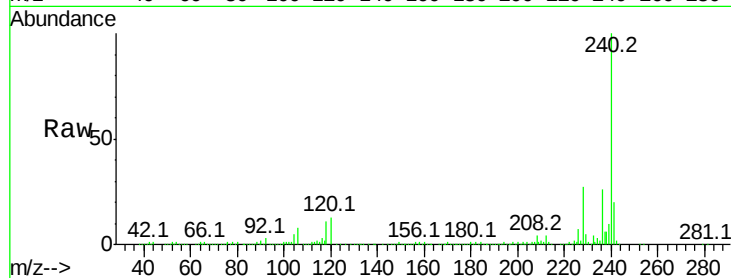
Tot Ion:240 Resp: 518831

Ion Ratio Lower Upper

240 100

120 12.7 12.9 19.3#

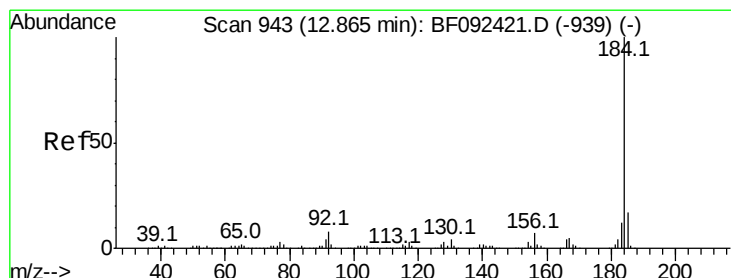
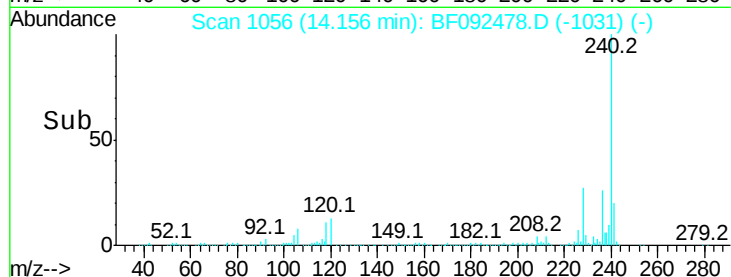
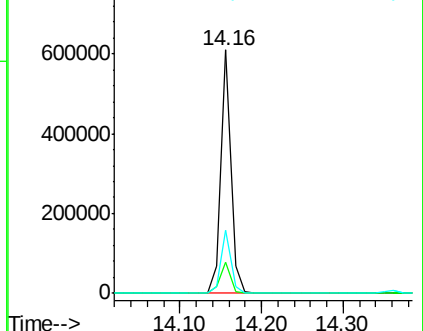
236 25.9 20.9 31.3



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: 24.03 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.02 min

Lab File: BF092478.D

Acq: 25 Jan 2017 16:00

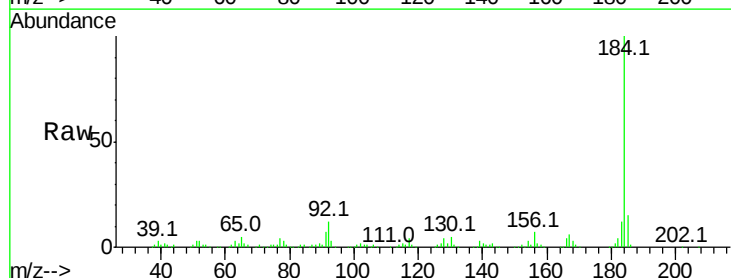
Tgt Ion:184 Resp: 462864

Ion Ratio Lower Upper

184 100

185 15.4 13.4 20.0

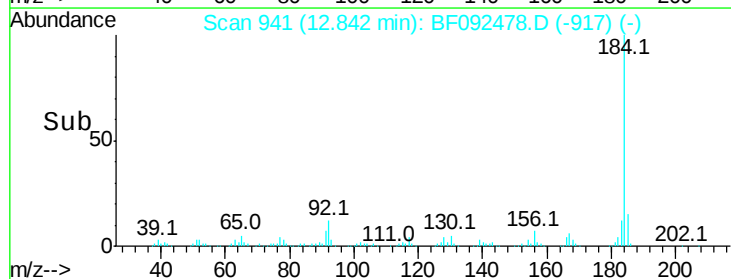
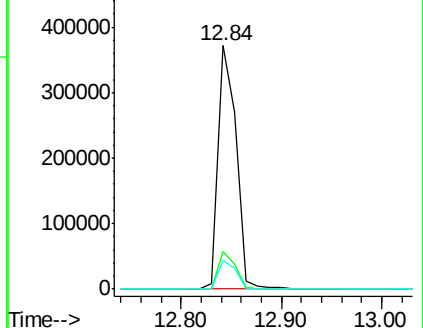
183 11.5 9.2 13.8

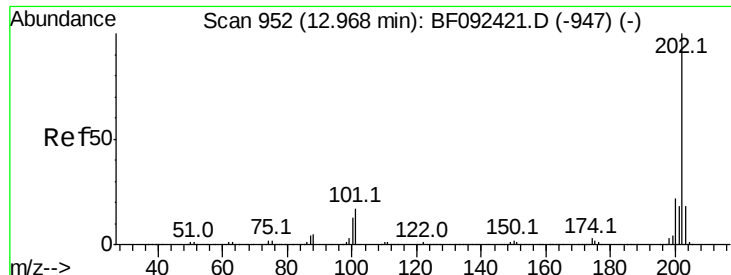


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

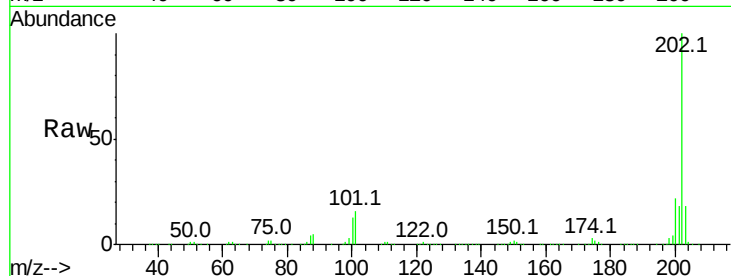




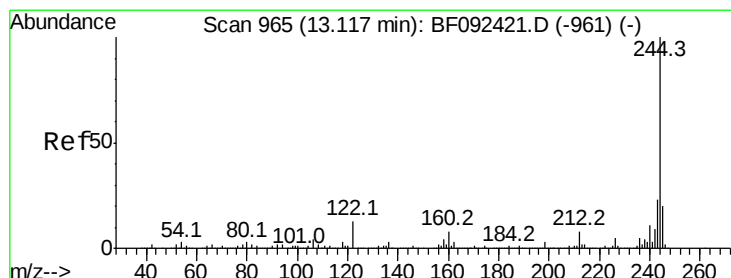
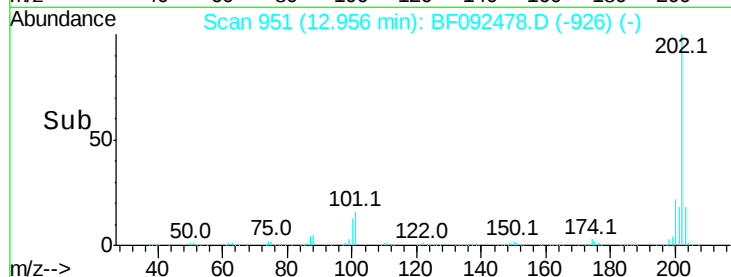
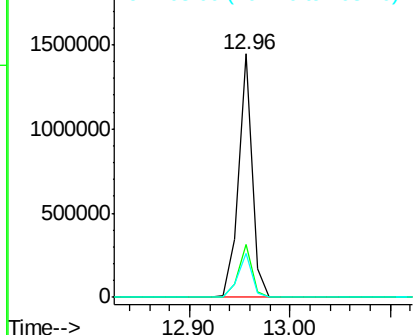
#77
Pvrene
Concen: 36.21 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF092478.D
Acq: 25 Jan 2017 16:00

Instrument :
BNA_F
ClientSampleId :
PB96241BSD

Tot Ion:202 Resp: 1361201
Ion Ratio Lower Upper
202 100
200 22.0 17.7 26.5
203 17.8 14.7 22.1

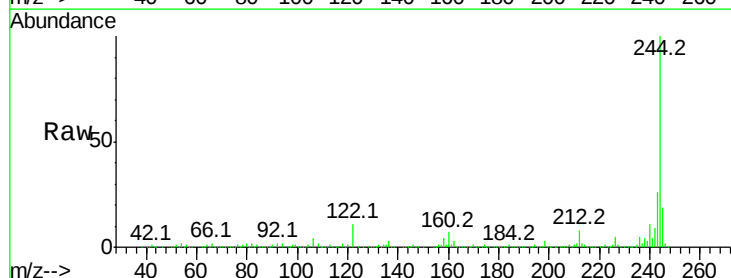


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

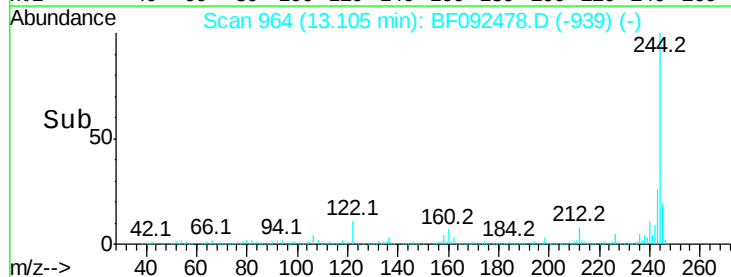
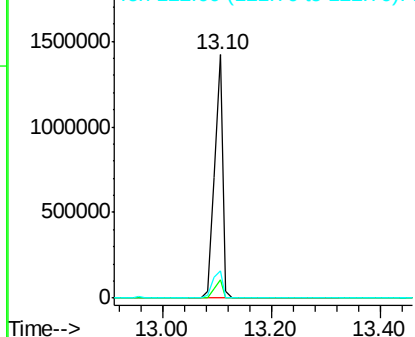


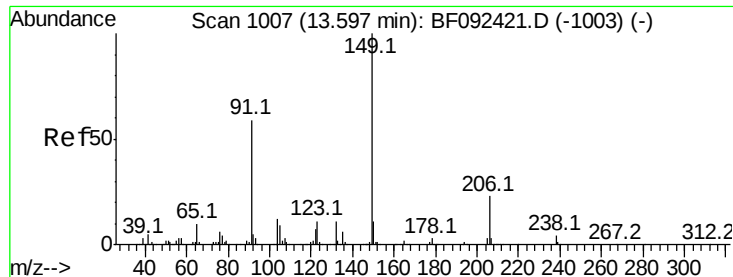
#78
Terphenyl-d14
Concen: 78.20 ng
RT: 13.10 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF092478.D
Acq: 25 Jan 2017 16:00

Tgt Ion:244 Resp: 1523745
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.2
122 11.2 11.4 17.2#



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

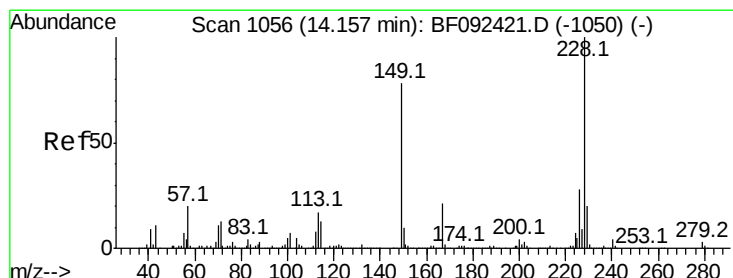
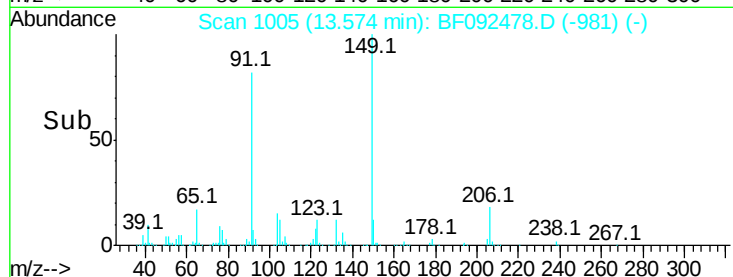
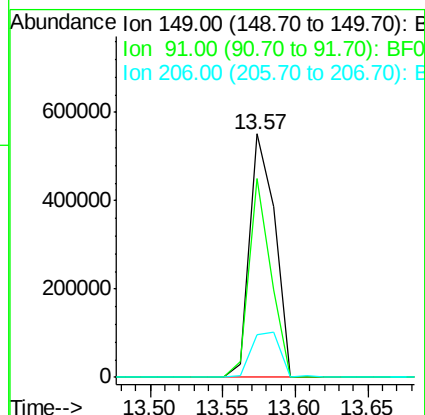
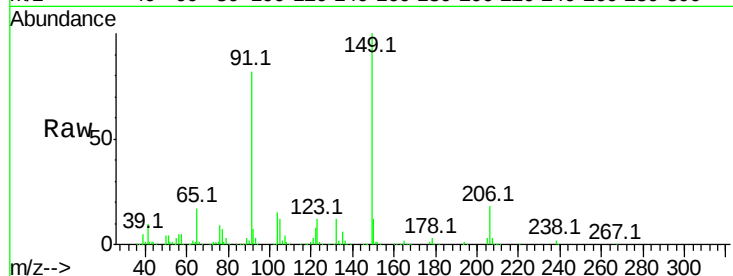




#79
Butylbenzylphthalate
Concen: 43.81 ng
RT: 13.57 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BF092478.D
Acq: 25 Jan 2017 16:00

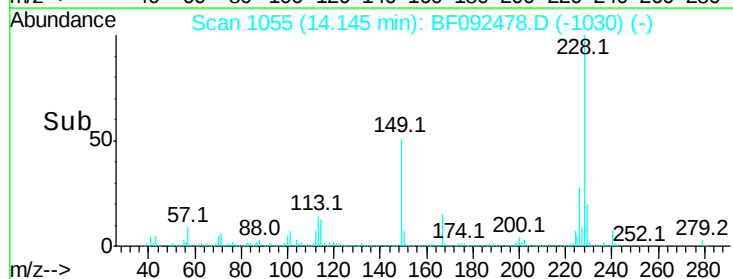
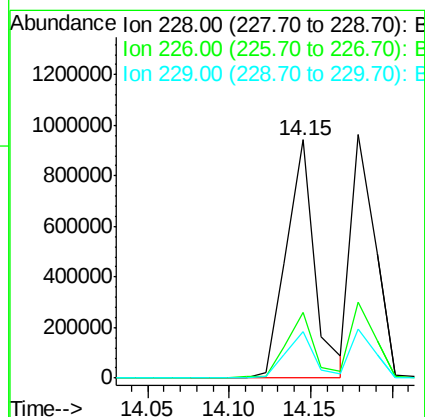
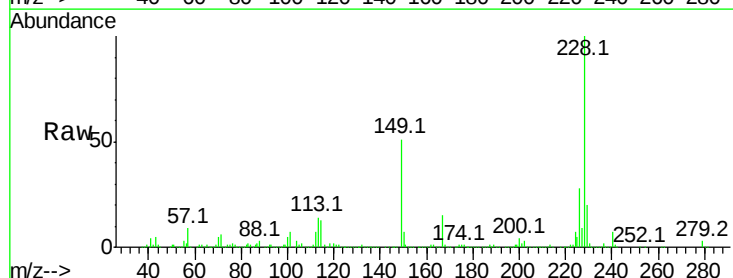
Instrument :
BNA_F
ClientSampleId :
PB96241BSD

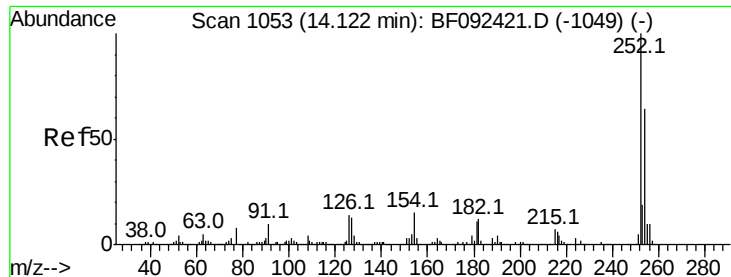
Tot Ion:149 Resp: 667227
Ion Ratio Lower Upper
149 100
91 81.8 63.9 95.9
206 17.5 14.6 21.8



#80
Benzo(a)anthracene
Concen: 40.95 ng
RT: 14.15 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF092478.D
Acq: 25 Jan 2017 16:00

Tgt Ion:228 Resp: 1141961
Ion Ratio Lower Upper
228 100
226 27.8 22.4 33.6
229 19.7 16.2 24.4

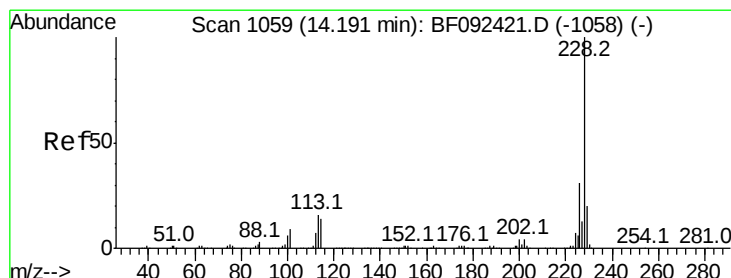
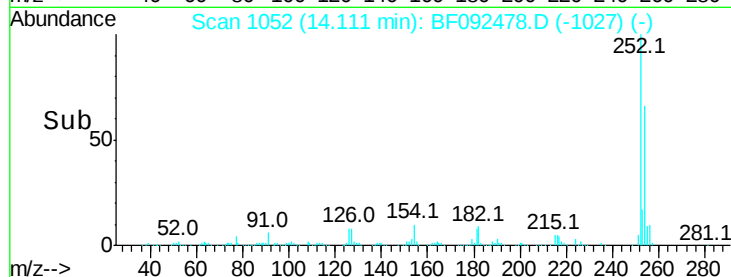
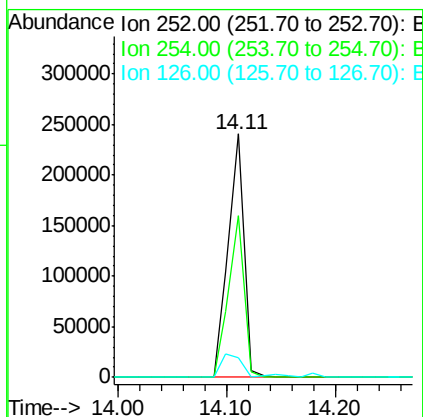
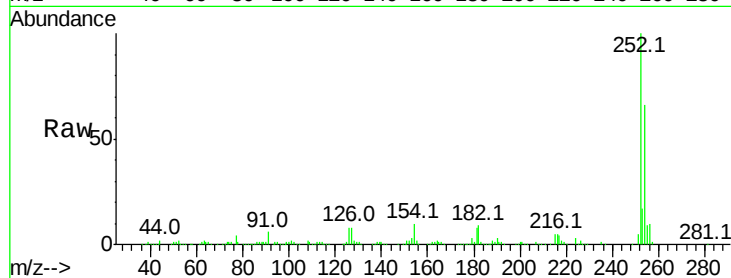




#81
 3,3'-Dichlorobenzidine
 Concen: 23.13 ng
 RT: 14.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BF092478.D
 Acq: 25 Jan 2017 16:00

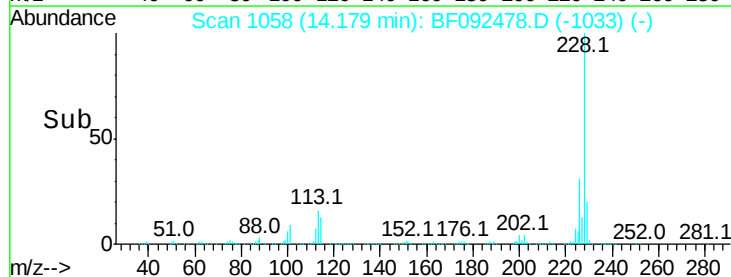
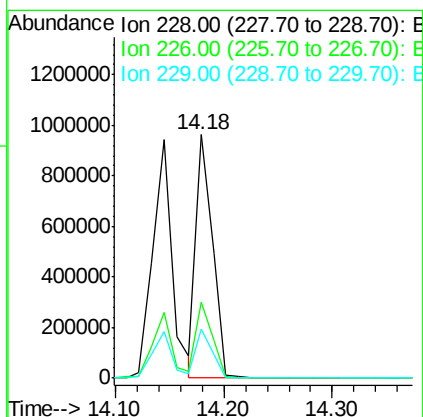
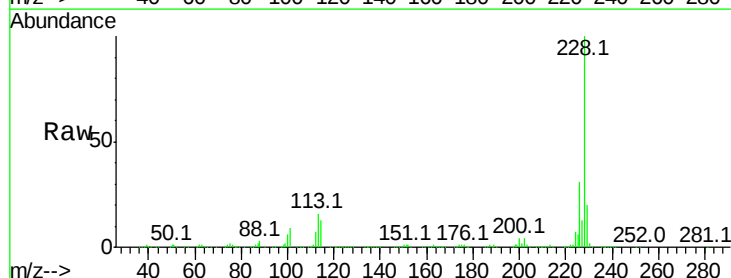
Instrument :
 BNA_F
 ClientSampleId :
 PB96241BSD

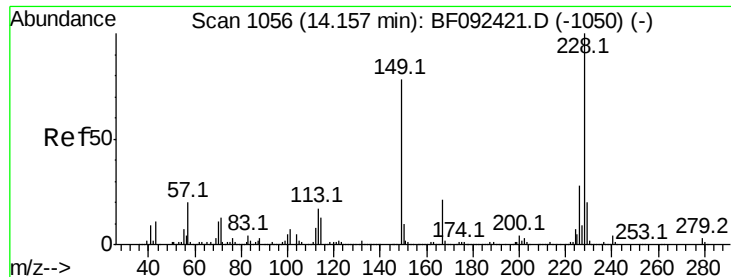
Tot Ion:252 Resp: 244887
 Ion Ratio Lower Upper
 252 100
 254 66.3 52.3 78.5
 126 8.0 13.6 20.4#



#82
 Chrysene
 Concen: 34.17 ng
 RT: 14.18 min Scan# 1058
 Delta R.T. -0.01 min
 Lab File: BF092478.D
 Acq: 25 Jan 2017 16:00

Tgt Ion:228 Resp: 1017474
 Ion Ratio Lower Upper
 228 100
 226 31.1 25.4 38.0
 229 20.1 16.2 24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.97 ng

RT: 14.13 min Scan# 1054

Delta R.T. -0.02 min

Lab File: BF092478.D

Acq: 25 Jan 2017 16:00

Instrument :

BNA_F

ClientSampleId :

PB96241BSD

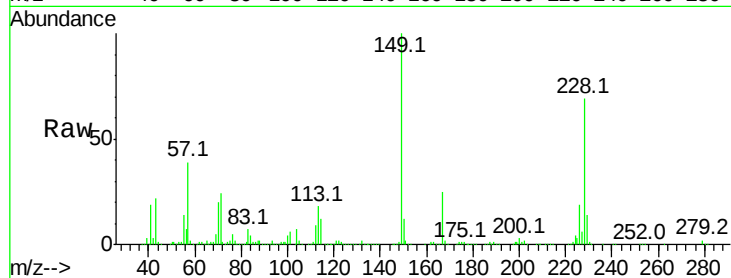
Tot Ion:149 Resp: 804967

Ion Ratio Lower Upper

149 100

167 25.3 20.2 30.4

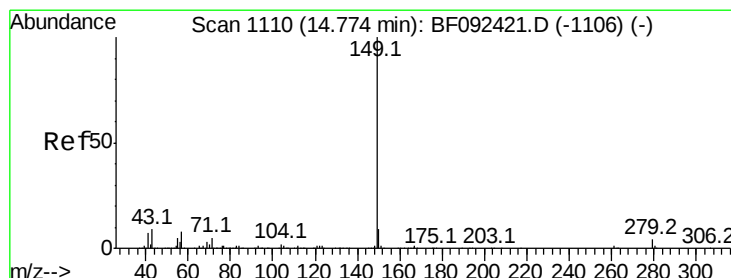
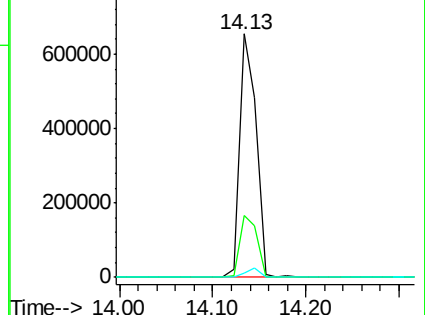
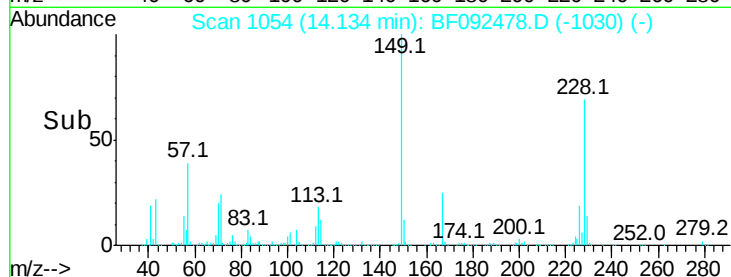
279 2.0 1.8 2.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.37 ng

RT: 14.75 min Scan# 1108

Delta R.T. -0.02 min

Lab File: BF092478.D

Acq: 25 Jan 2017 16:00

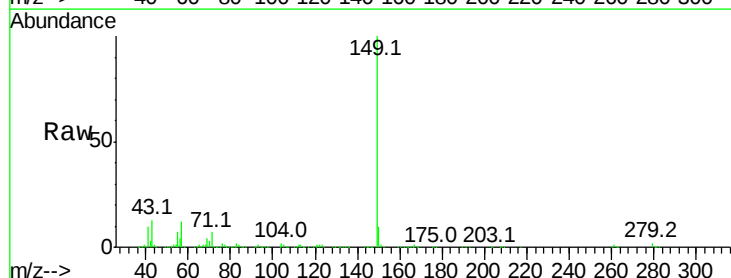
Tgt Ion:149 Resp: 1510101

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

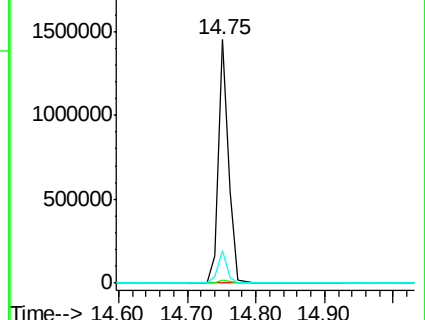
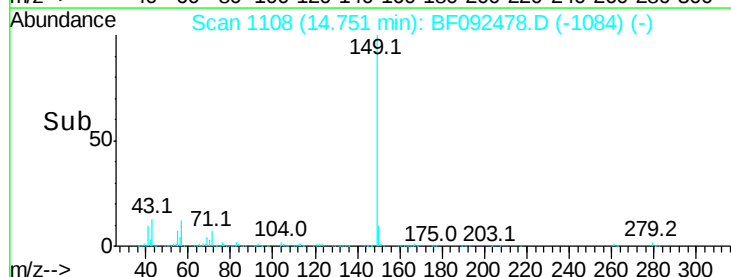
43 12.4 8.9 13.3

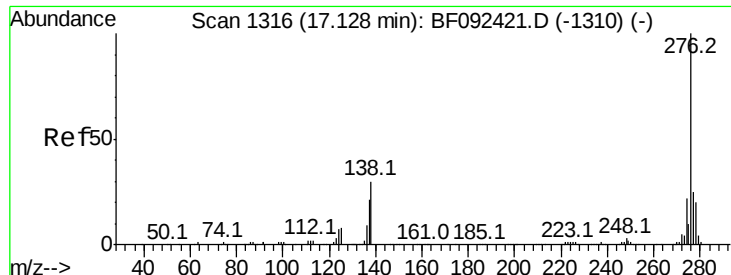


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

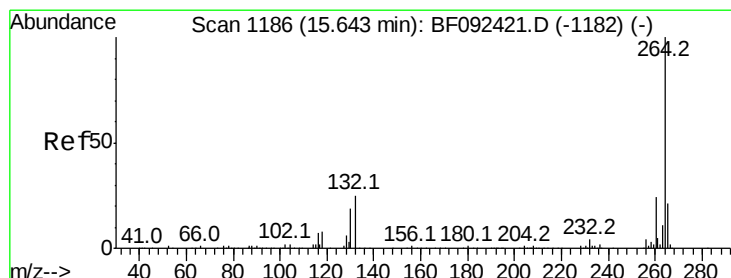
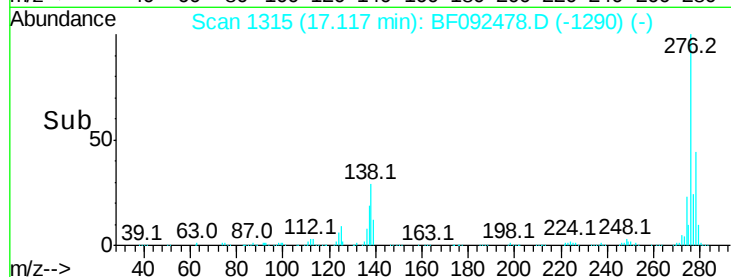
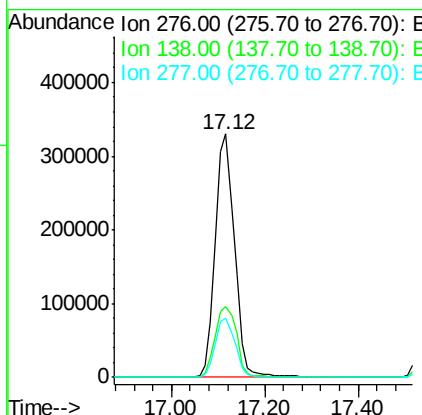
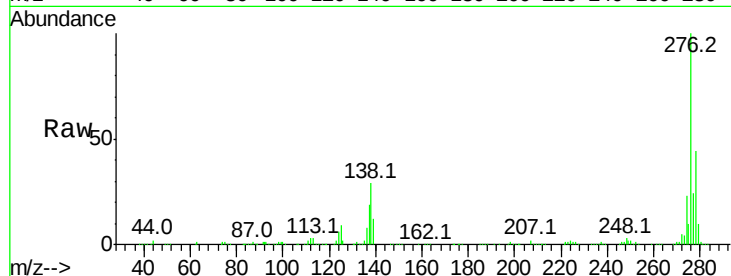




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.01 ng
 RT: 17.12 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF092478.D
 Acq: 25 Jan 2017 16:00

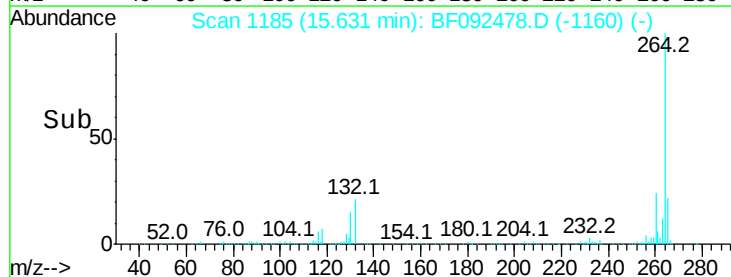
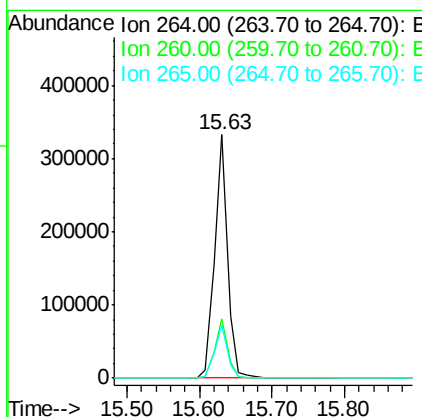
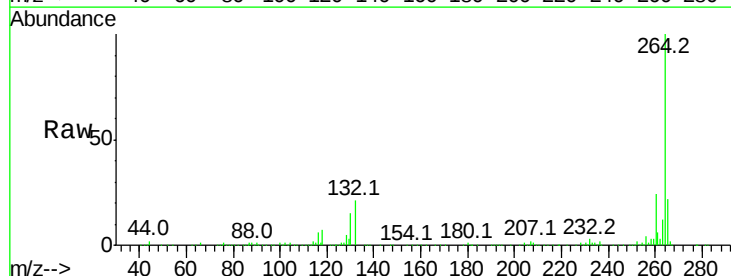
Instrument :
 BNA_F
 ClientSampleId :
 PB96241BSD

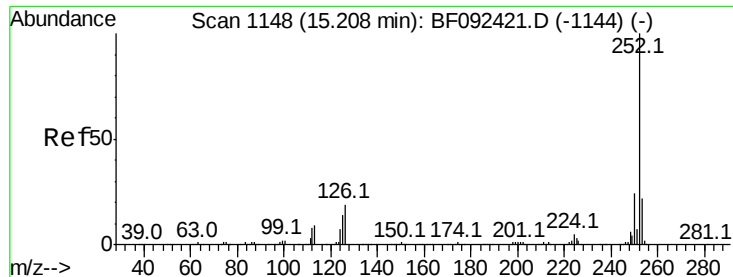
Tot Ion:276 Resp: 947613
 Ion Ratio Lower Upper
 276 100
 138 32.7 21.8 32.6#
 277 25.0 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.63 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF092478.D
 Acq: 25 Jan 2017 16:00

Tgt Ion:264 Resp: 411598
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 21.7 17.4 26.0

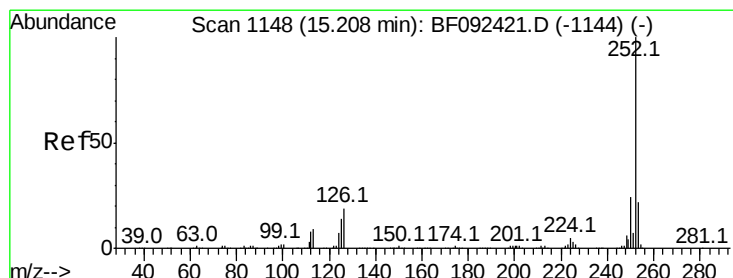
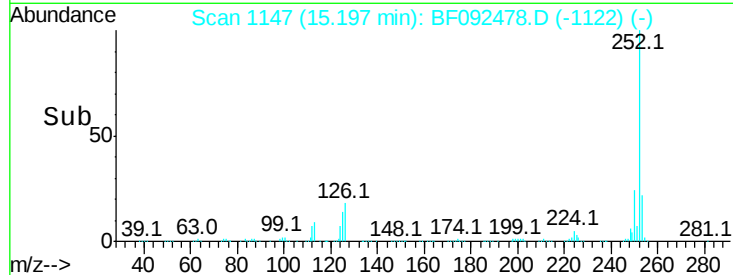
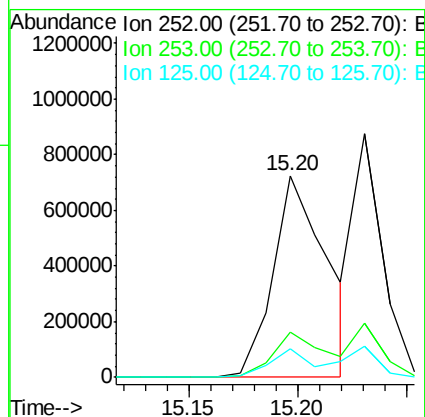
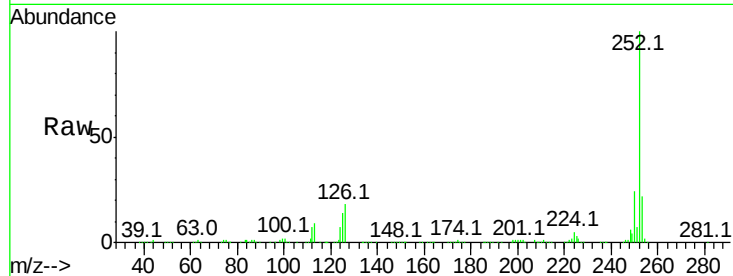




#87
Benzo(b)fluoranthene
Concen: 47.34 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF092478.D
Acq: 25 Jan 2017 16:00

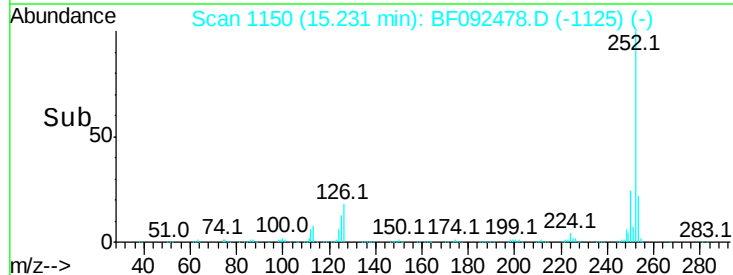
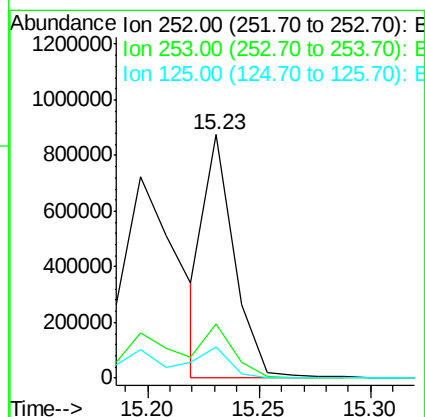
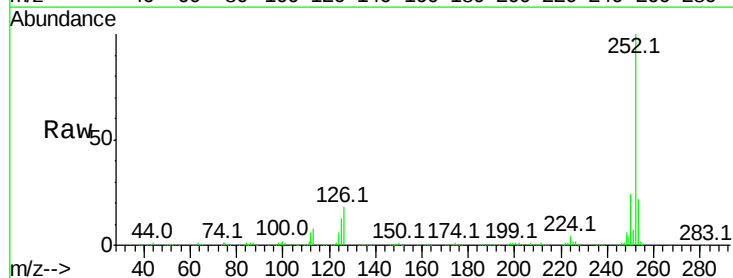
Instrument :
BNA_F
ClientSampleId :
PB96241BSD

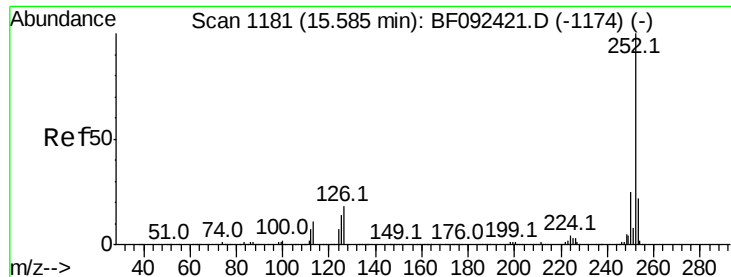
Tot Ion:252 Resp: 1250831
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 13.9 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 36.81 ng m
RT: 15.23 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF092478.D
Acq: 25 Jan 2017 16:00

Tgt Ion:252 Resp: 808856
Ion Ratio Lower Upper
252 100
253 22.0 18.5 27.7
125 12.8 8.9 13.3





#89

Benzo(a)pyrene

Concen: 44.16 ng

RT: 15.57 min Scan# 1180

Delta R.T. -0.01 min

Lab File: BF092478.D

Acq: 25 Jan 2017 16:00

Instrument :

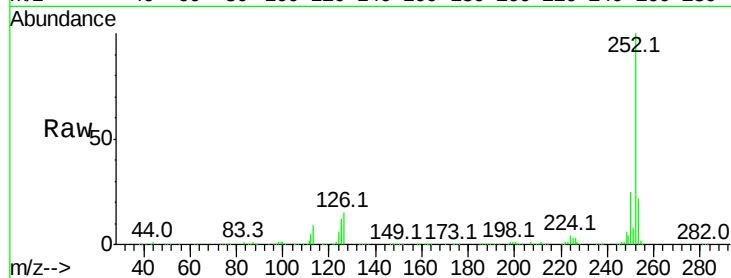
BNA_F

ClientSampleId :

PB96241BSD

Tot Ion:252 Resp: 987160

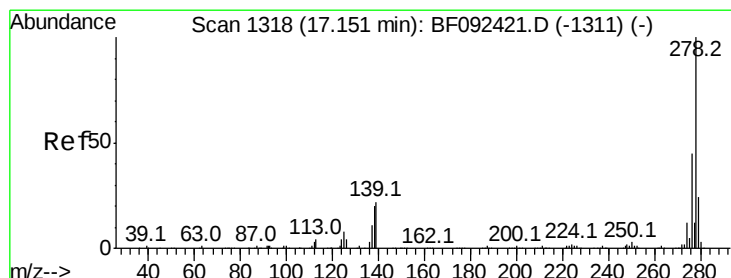
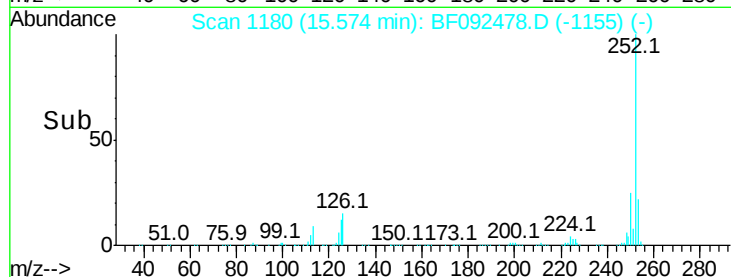
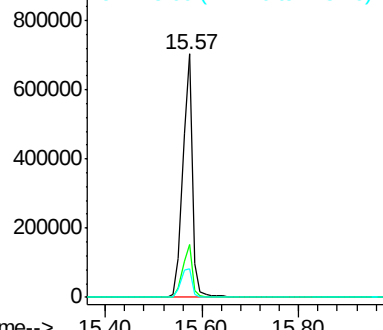
Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.2
125	11.7	10.0	15.0



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: 44.11 ng

RT: 17.14 min Scan# 1317

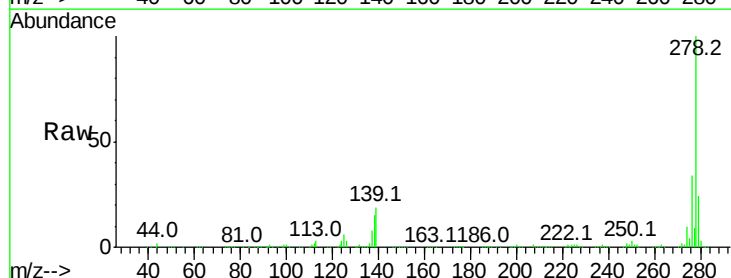
Delta R.T. -0.01 min

Lab File: BF092478.D

Acq: 25 Jan 2017 16:00

Tgt Ion:278 Resp: 797281

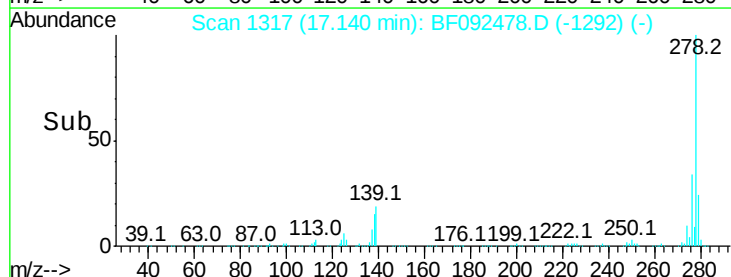
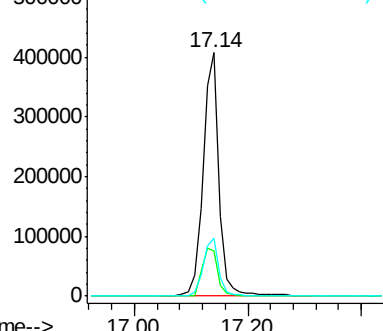
Ion	Ratio	Lower	Upper
278	100		
139	18.7	14.8	22.2
279	23.6	19.8	29.6

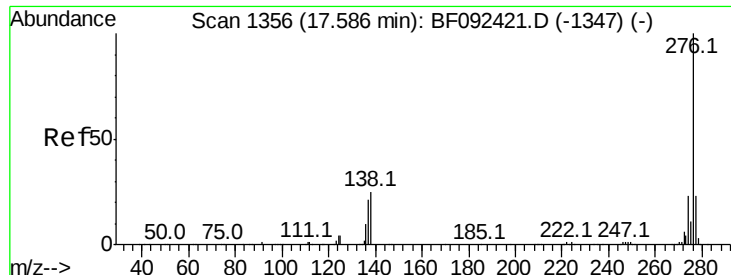


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 42.58 ng

RT: 17.56 min Scan# 1354

Delta R.T. -0.02 min

Lab File: BF092478.D

Acq: 25 Jan 2017 16:00

Instrument :

BNA_F

ClientSampleId :

PB96241BSD

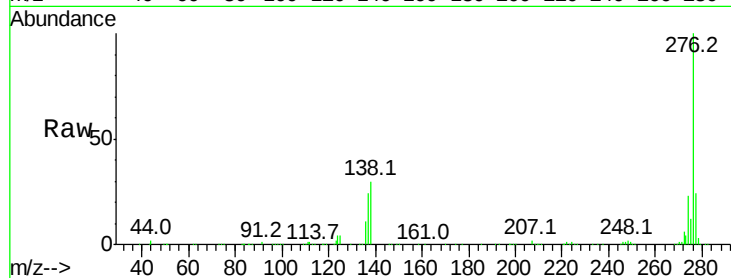
Tot Ion:276 Resp: 778352

Ion Ratio Lower Upper

276 100

277 23.9 19.2 28.8

138 29.6 16.0 24.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

