

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 :

Quant Time: Jan 25 17:23:46 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	6.99	146	556449	41.08	ng	97
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	85880	25.56	ng	# 21
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

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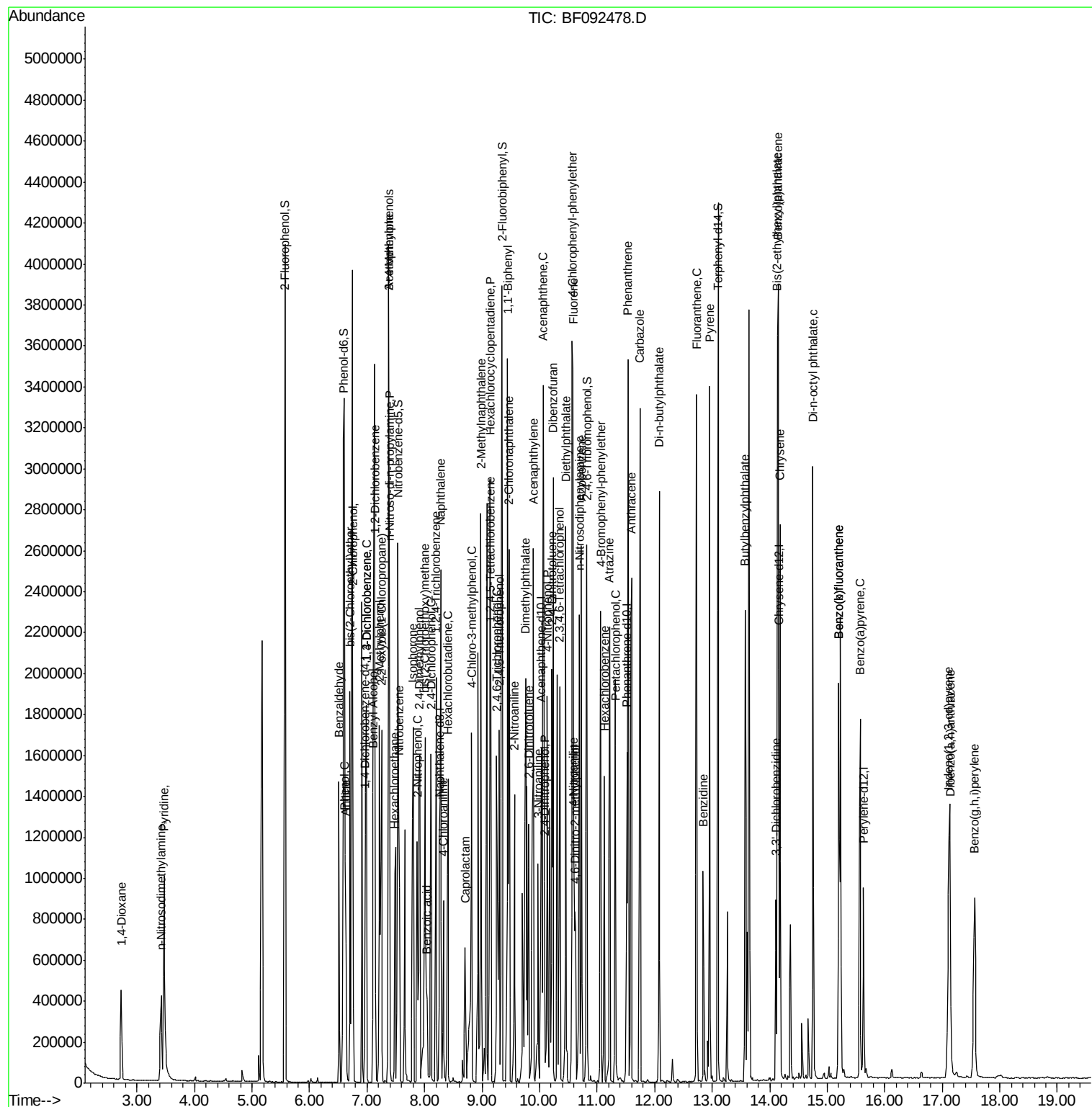
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	327518	41.91	nq	91
43) 2,4,5-Trichlorophenol	9.30	196	302761	42.34	nq	# 87
45) 1,1'-Biphenyl	9.45	154	1129227	38.64	nq	97
46) 2-Chloronaphthalene	9.47	162	853809	35.77	nq	96
47) 2-Nitroaniline	9.56	65	283734	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	15.20	252	1250831	56.93	nq	# 97
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

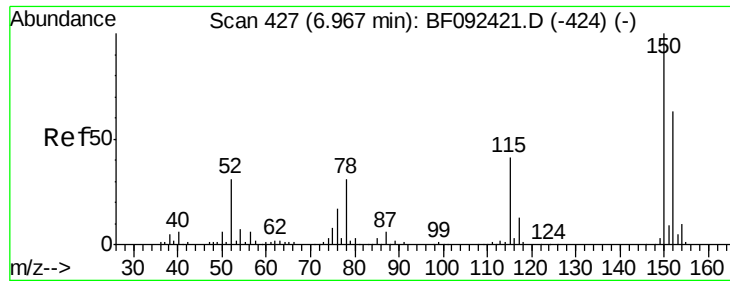
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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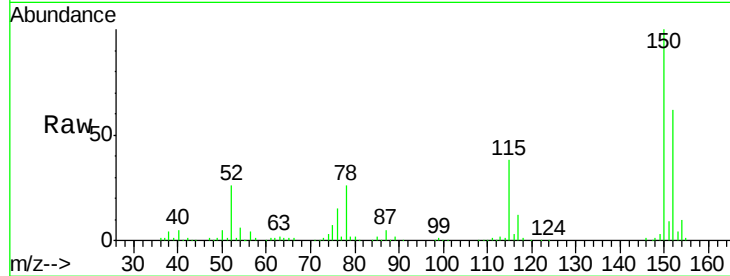


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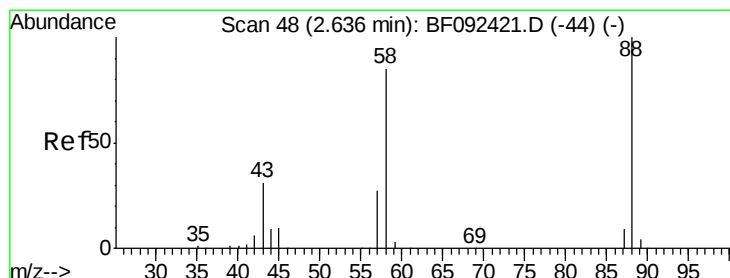
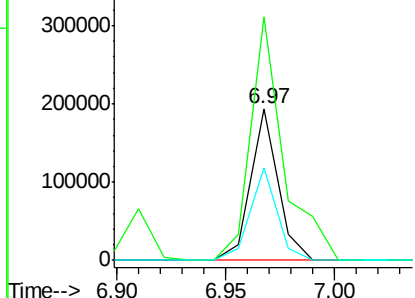
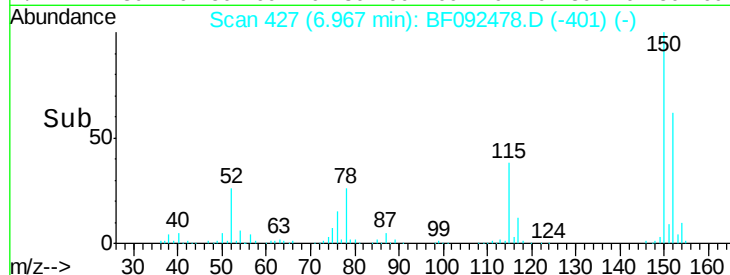
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF092478.D
Acq: 25 Jan 2017 16:00

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.5	124.9	187.3
115	60.9	46.0	69.0



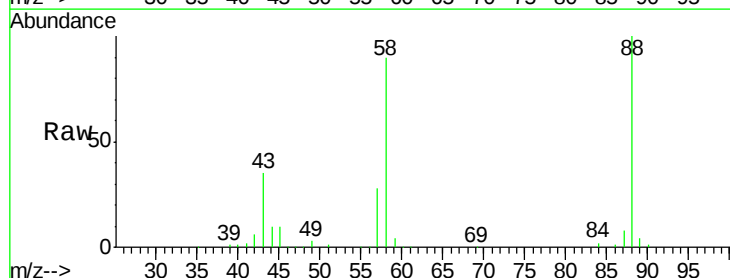
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



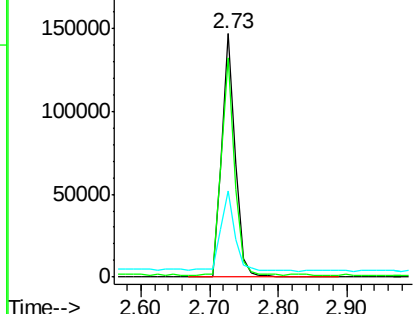
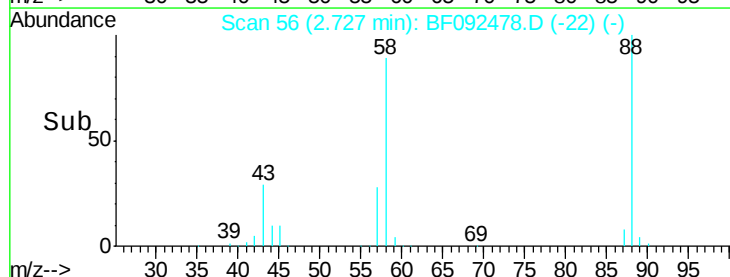
#2

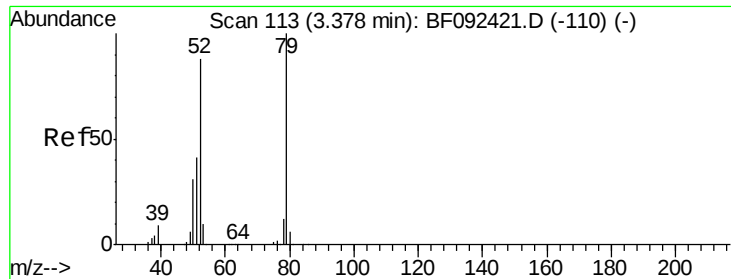
1,4-Dioxane
Concen: 35.47 ng
RT: 2.73 min Scan# 56
Delta R.T. 0.09 min
Lab File: BF092478.D
Acq: 25 Jan 2017 16:00

Tgt Ion	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 :

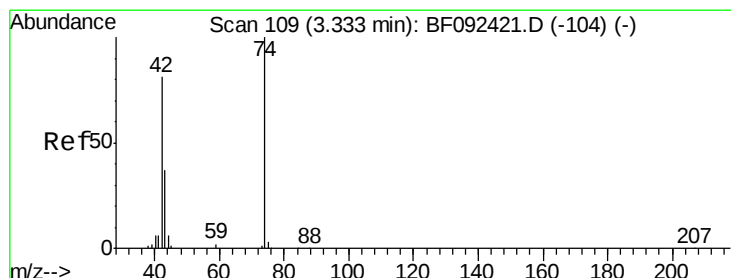
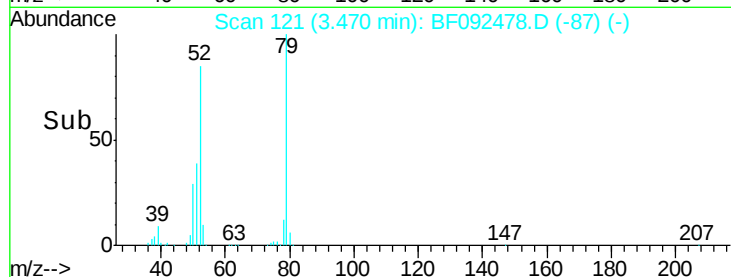
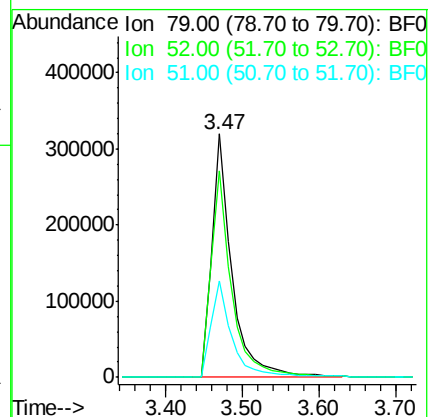
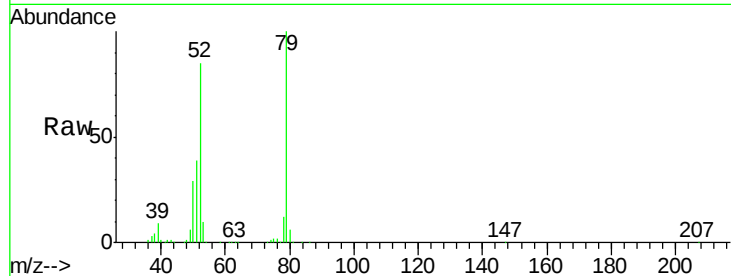
Tot Ion: 79 Resp: 577509

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

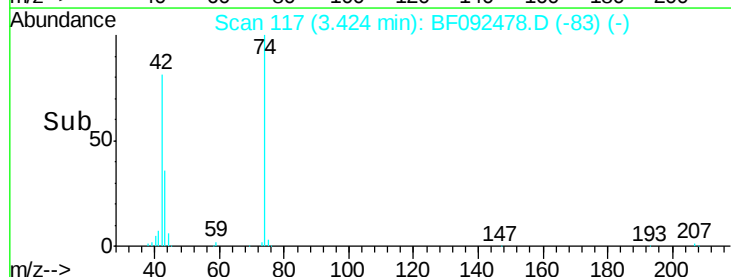
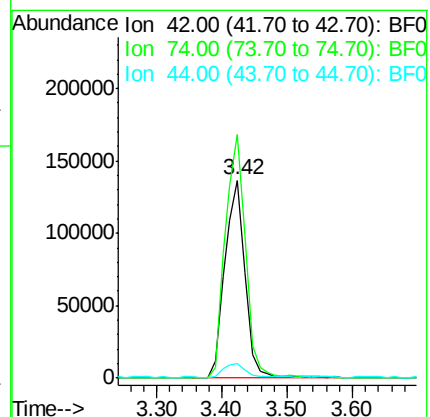
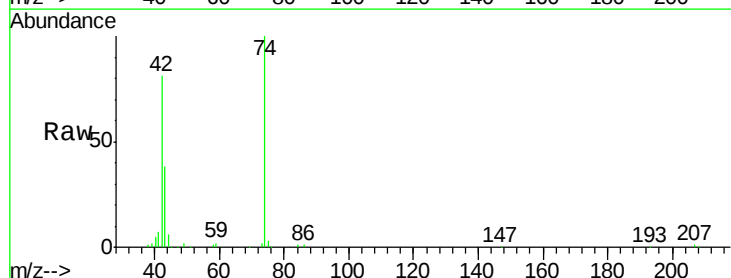
Tgt Ion: 42 Resp: 293326

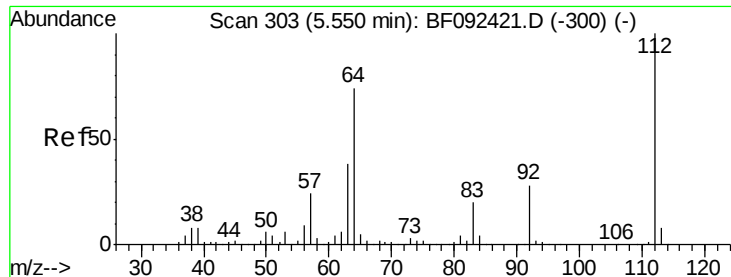
Ion Ratio Lower Upper

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 :

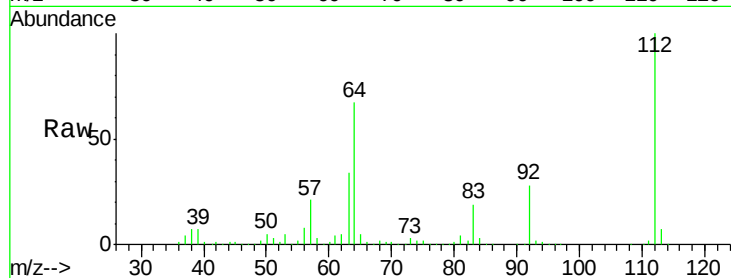
Tot Ion:112 Resp: 1162942

Ion Ratio Lower Upper

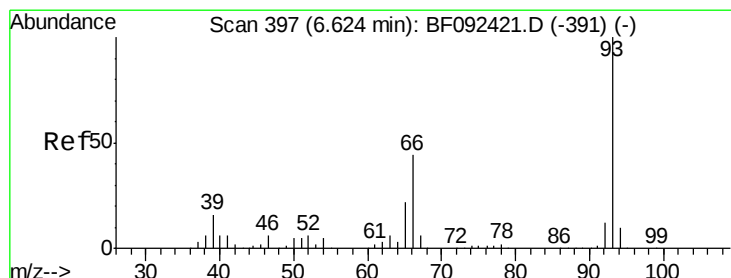
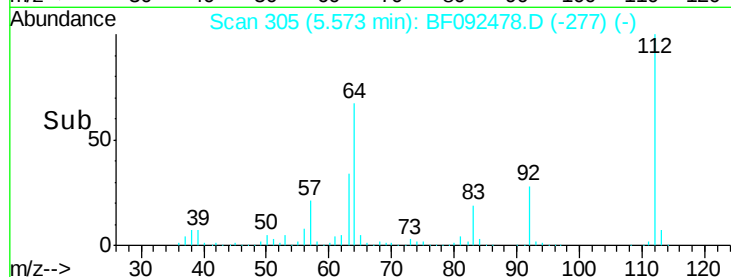
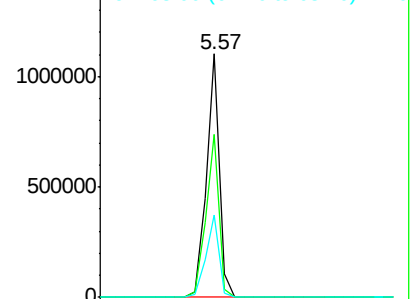
112 100

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

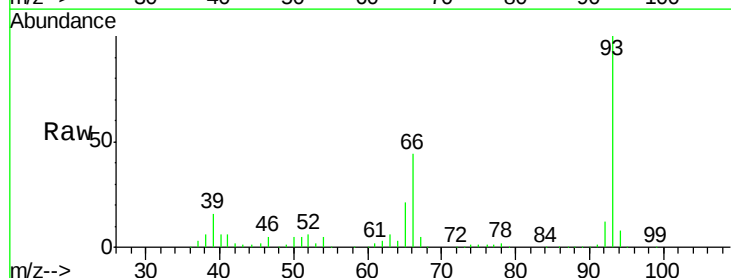
Tgt Ion: 93 Resp: 514610

Ion Ratio Lower Upper

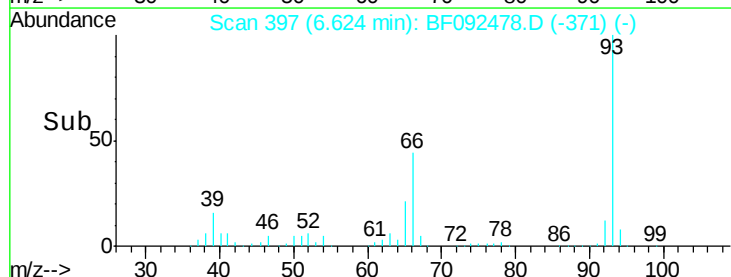
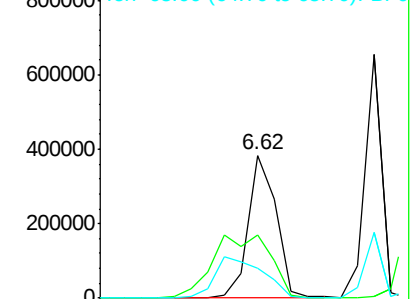
93 100

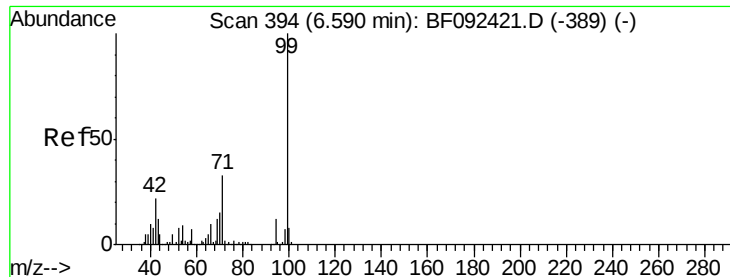
66 44.1 76.2 114.2#

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 :

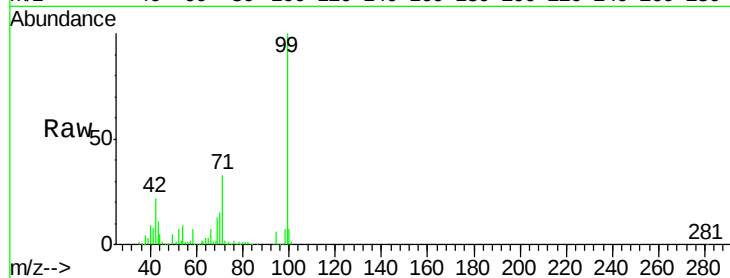
Tot Ion: 99 Resp: 1684821

Ion Ratio Lower Upper

99 100

42 21.7 15.6 23.4

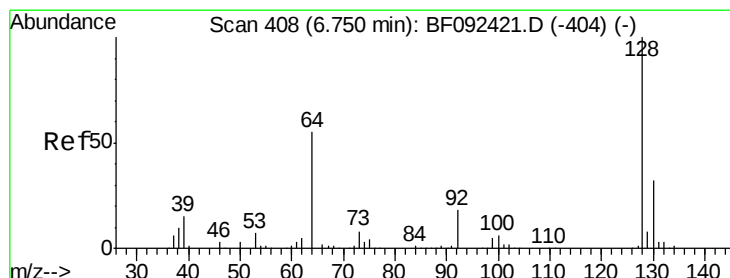
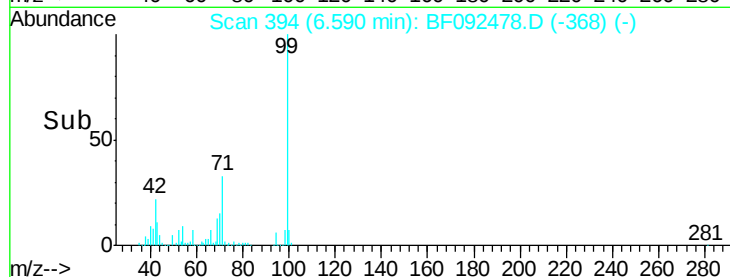
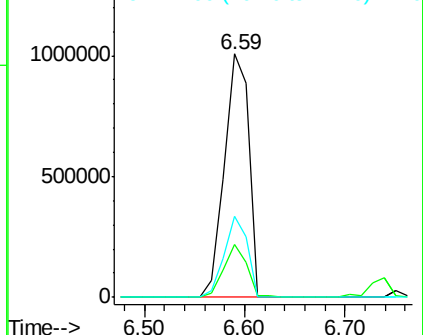
71 33.5 27.5 41.3



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

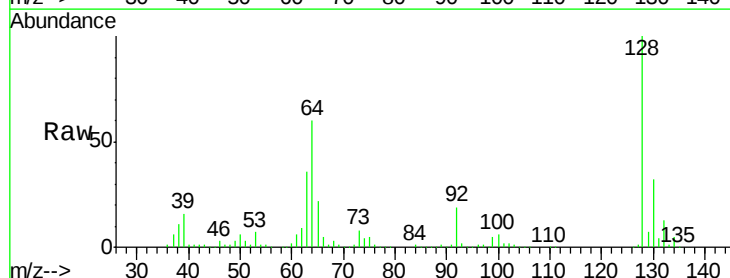
Tgt Ion: 128 Resp: 459685

Ion Ratio Lower Upper

128 100

130 32.3 12.3 52.3

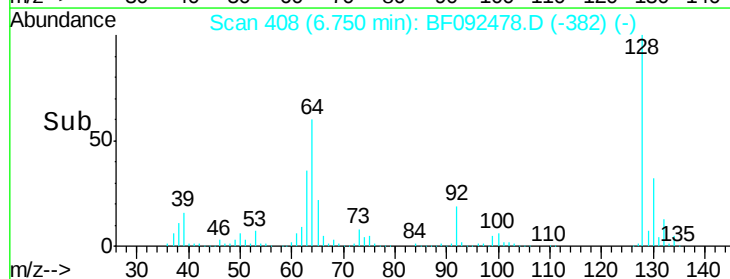
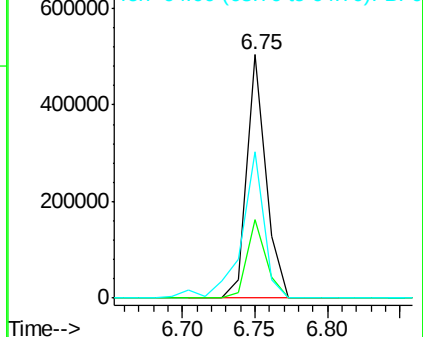
64 60.4 32.2 72.2

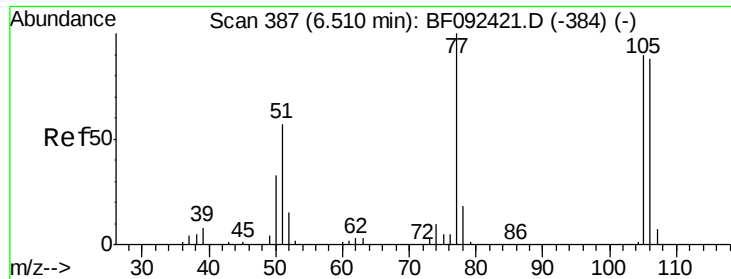


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

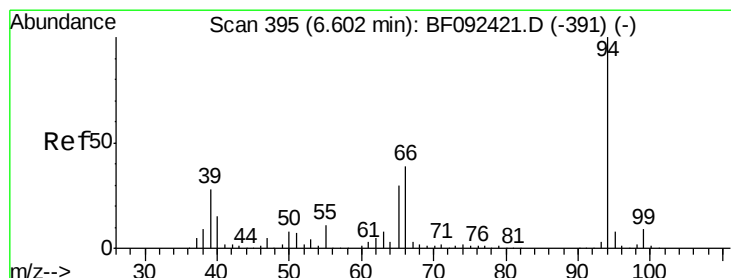
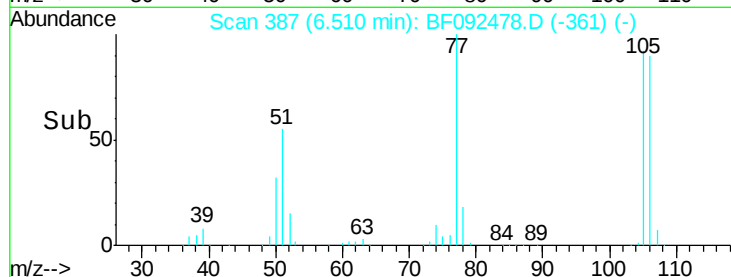
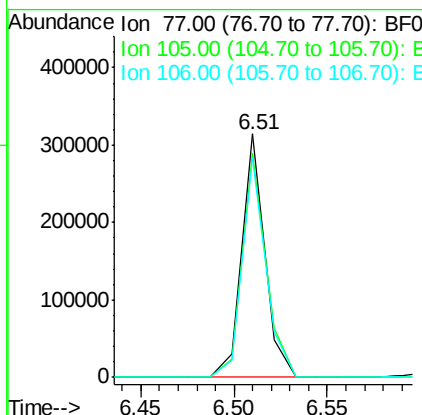
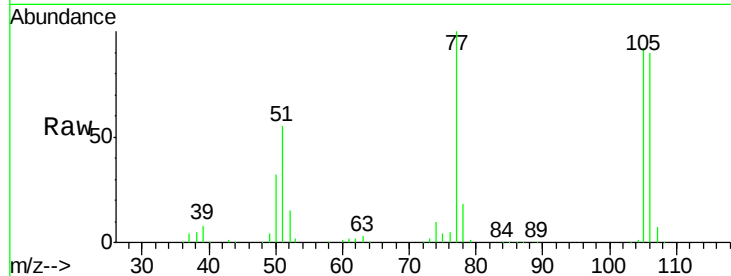




#9
Benzaldehyde
Concen: 27.49 ng
RT: 6.51 min Scan# 387
Delta R.T. -0.00 min
Lab File: BF092478.D
Acq: 25 Jan 2017 16:00

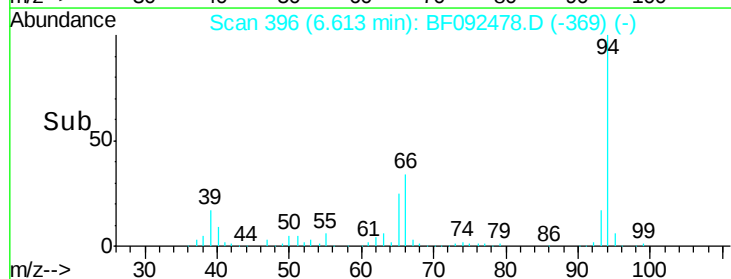
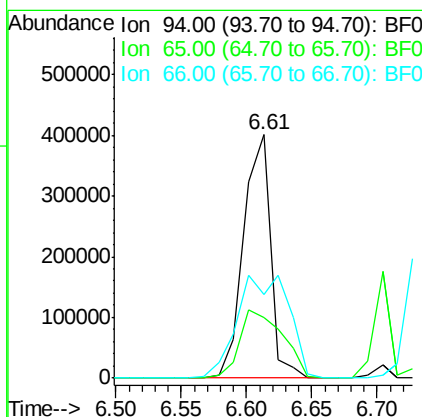
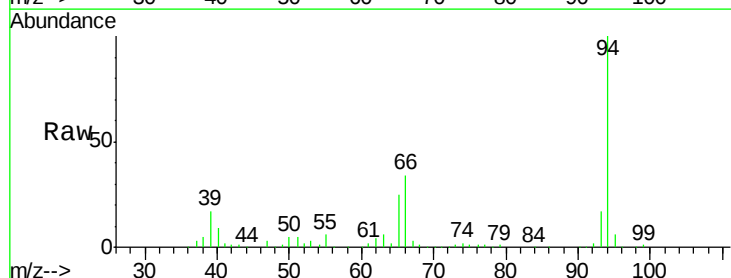
Instrument :
BNA_F
ClientSampleId :

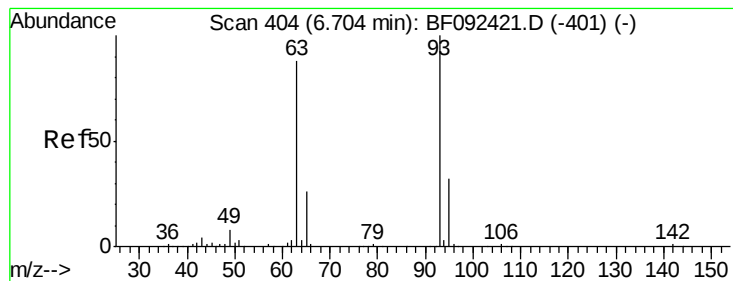
Tot Ion: 77 Resp: 271032
Ion Ratio Lower Upper
77 100
105 92.3 83.9 123.9
106 89.8 77.6 117.6



#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#





#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

ClientSampled :

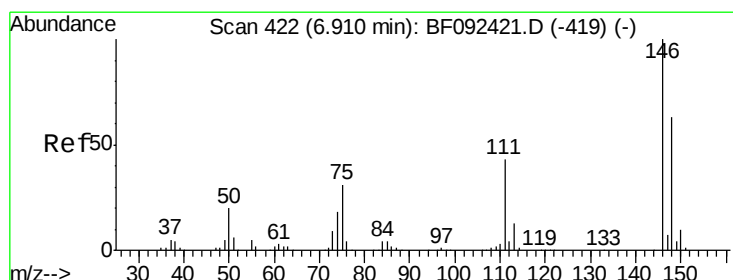
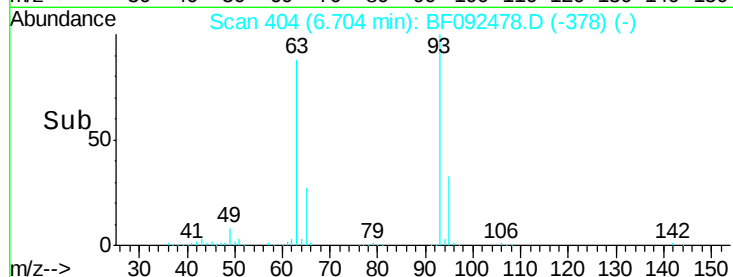
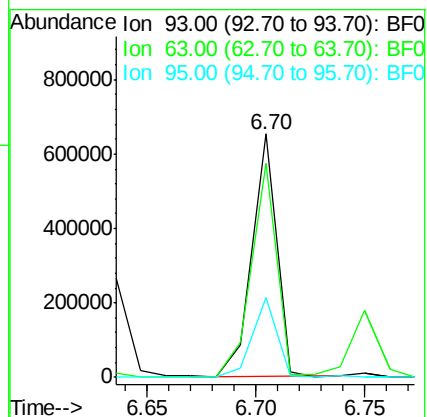
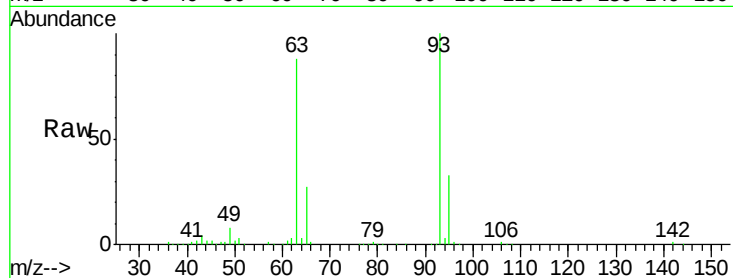
Tot Ion: 93 Resp: 513043

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: 41.08 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.08 min

Lab File: BF092478.D

Acq: 25 Jan 2017 16:00

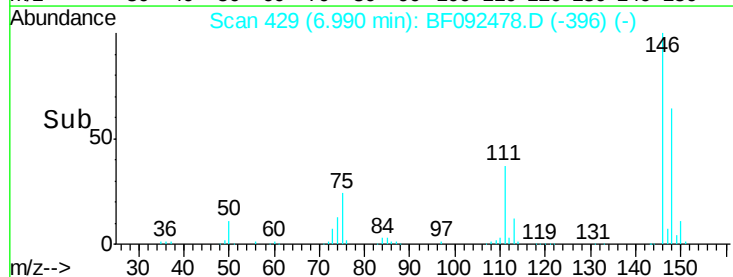
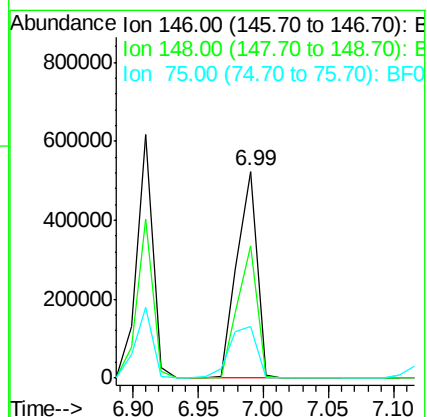
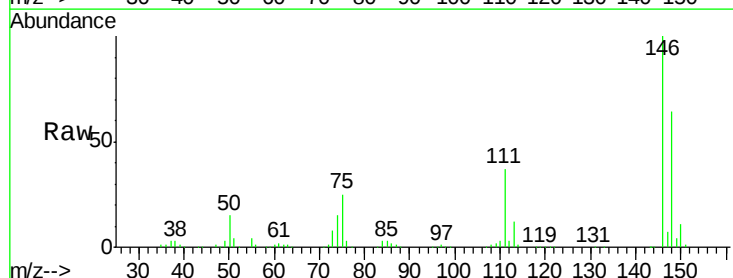
Tgt Ion: 146 Resp: 556449

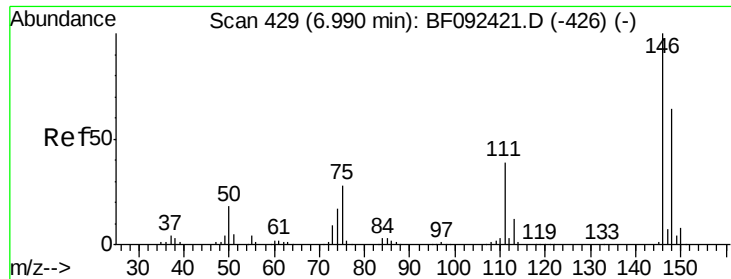
Ion Ratio Lower Upper

146 100

148 64.3 53.4 80.0

75 25.2 18.5 27.7

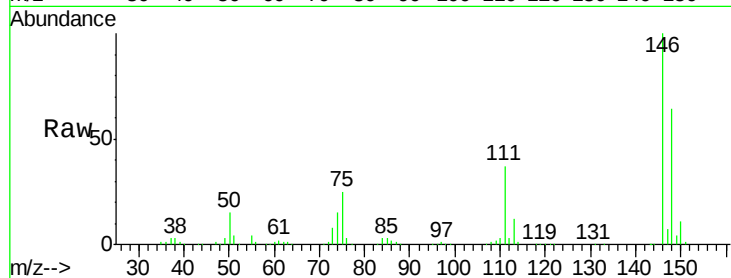




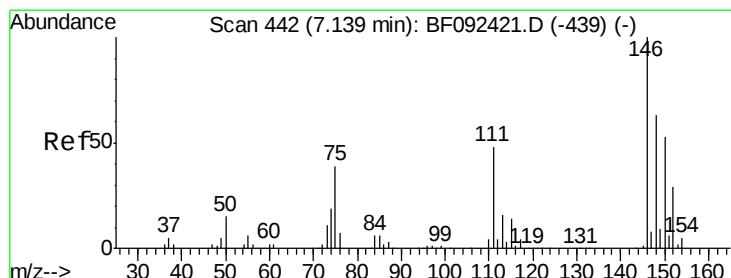
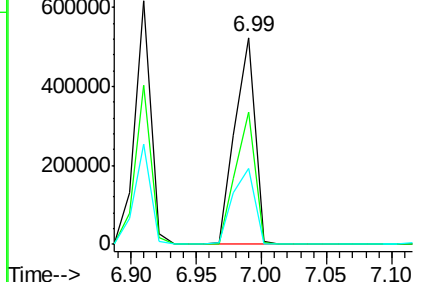
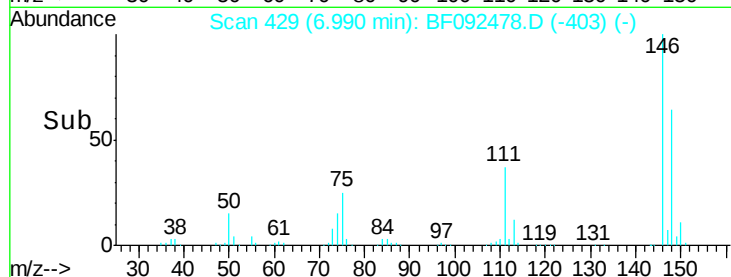
#13
 1,4-Dichlorobenzene
 Concen: 40.81 ng
 RT: 6.99 min Scan# 429
 Delta R.T. -0.00 min
 Lab File: BF092478.D
 Acq: 25 Jan 2017 16:00

Instrument :
 BNA_F
 ClientSampled :

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

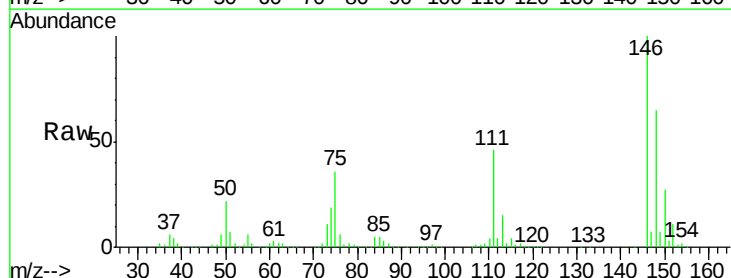


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

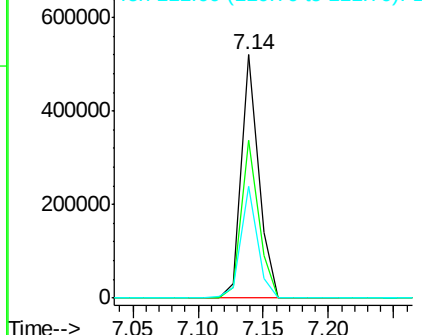
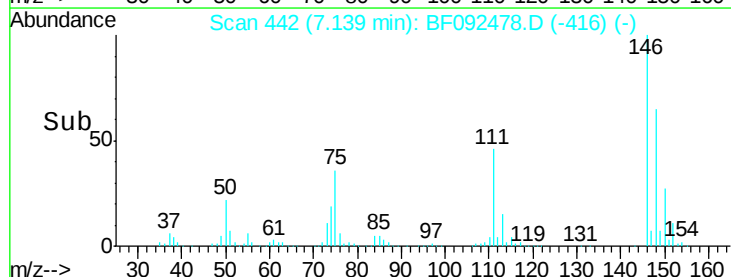


#14
 1,2-Dichlorobenzene
 Concen: 36.70 ng
 RT: 7.14 min Scan# 442
 Delta R.T. -0.00 min
 Lab File: BF092478.D
 Acq: 25 Jan 2017 16:00

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

ClientSampled :

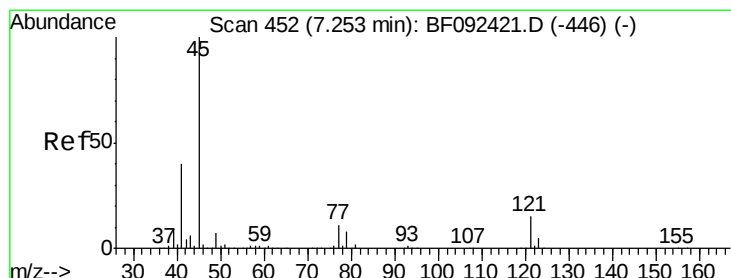
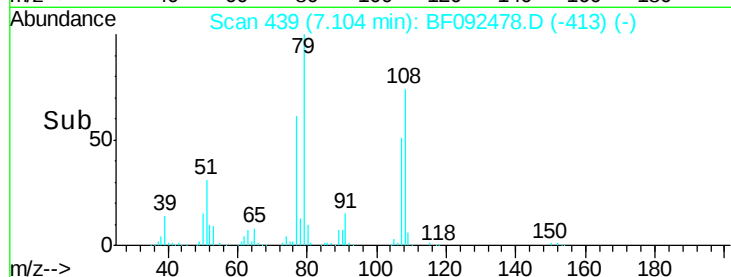
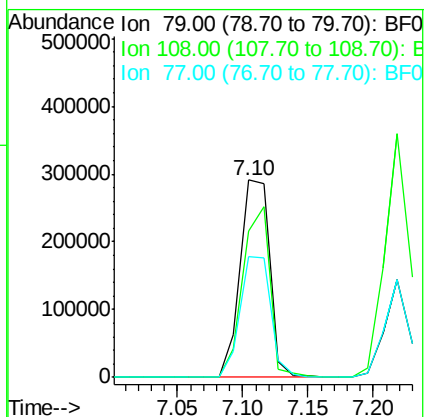
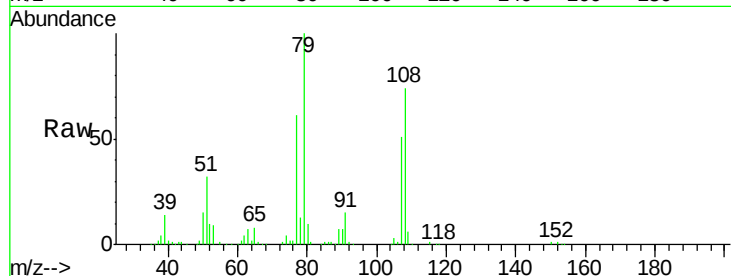
Tot Ion: 79 Resp: 458339

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

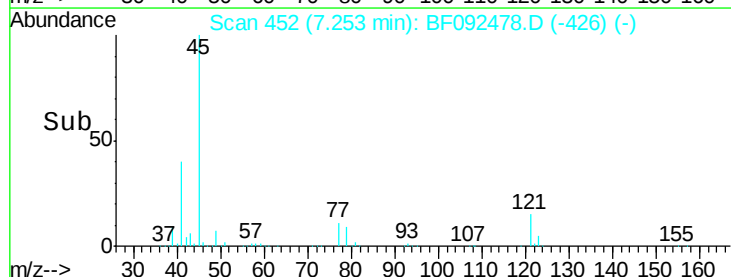
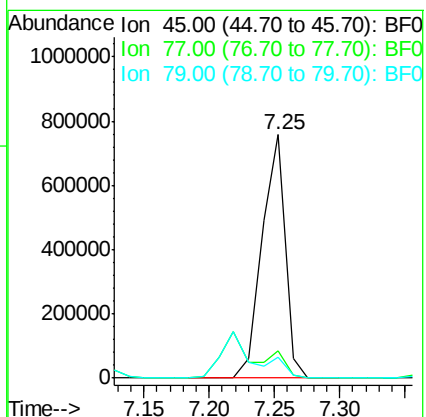
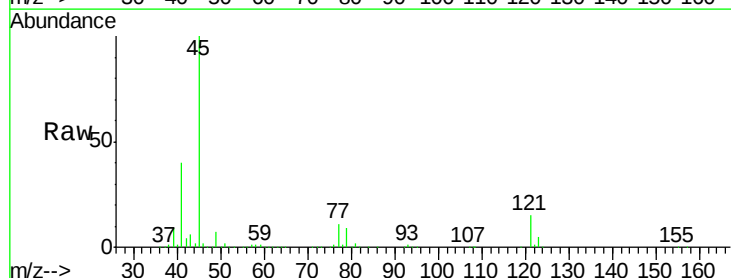
Tgt Ion: 45 Resp: 942544

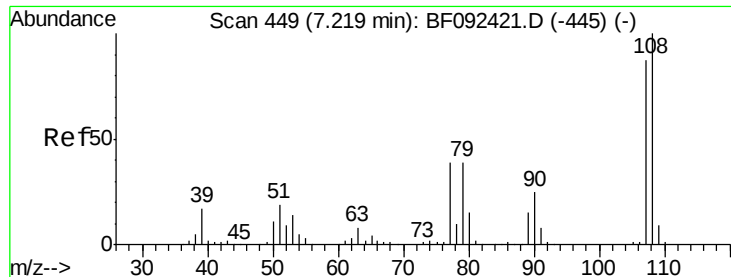
Ion Ratio Lower Upper

45 100

77 11.2 0.0 34.6

79 8.7 0.0 31.2

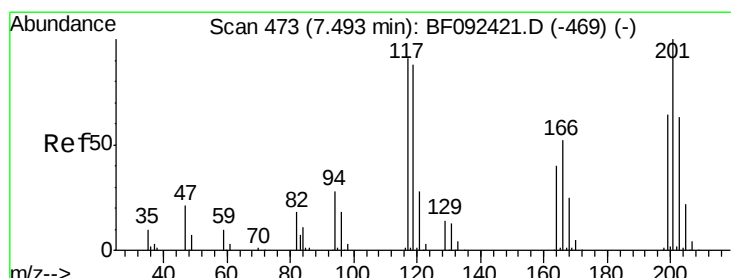
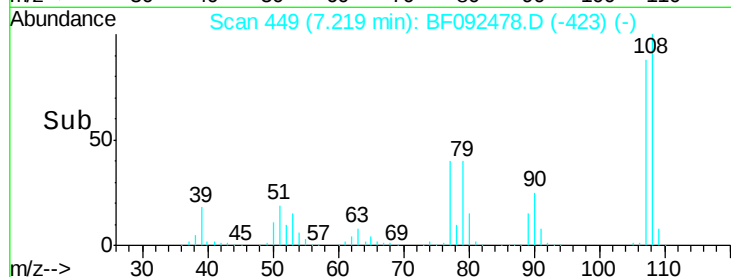
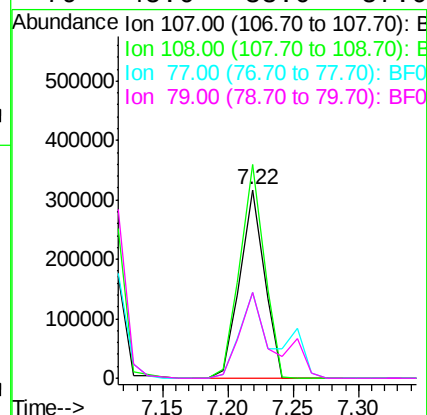
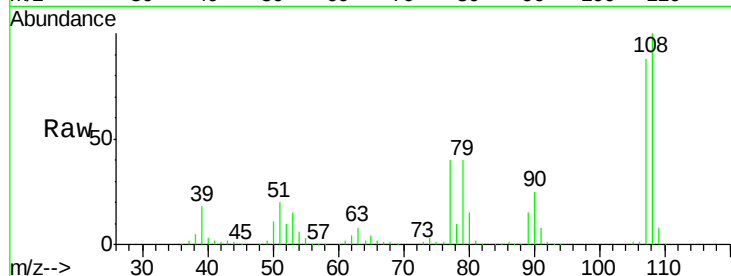




#17
2-Methylphenol
Concen: 42.55 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF092478.D
Acq: 25 Jan 2017 16:00

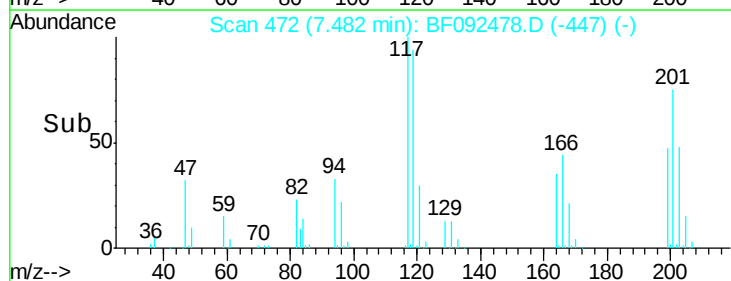
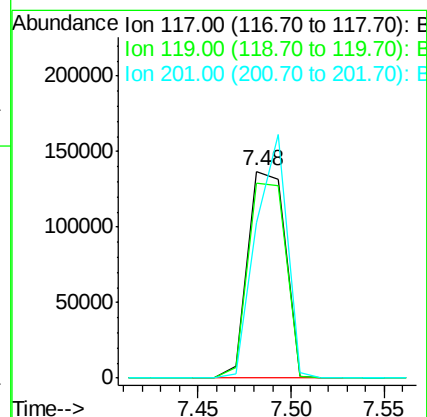
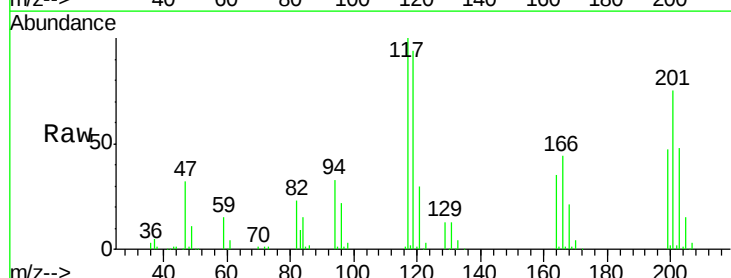
Instrument :
BNA_F
ClientSampleId :

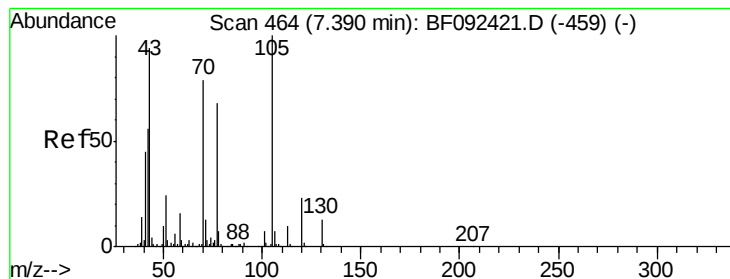
Tot Ion:	107	Resp:	416407
Ion	Ratio	Lower	Upper
107	100		
108	113.2	93.0	139.6
77	45.5	39.8	59.8
79	45.6	38.0	57.0



#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 :

Tot Ion: 70 Resp: 378941

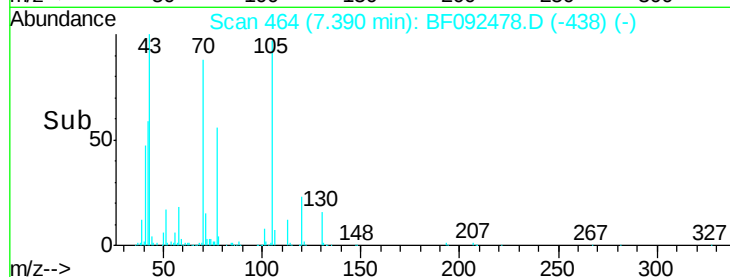
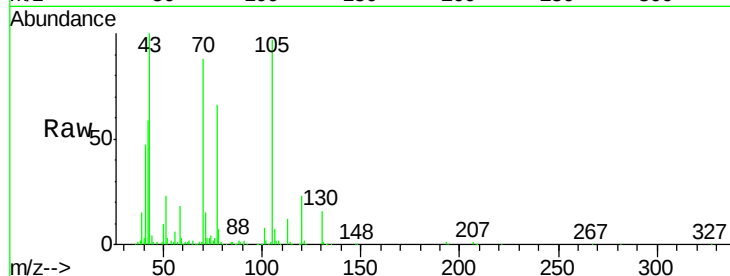
Ion Ratio Lower Upper

70 100

42 67.2 49.4 74.0

101 8.8 7.4 11.2

130 18.4 14.2 21.4

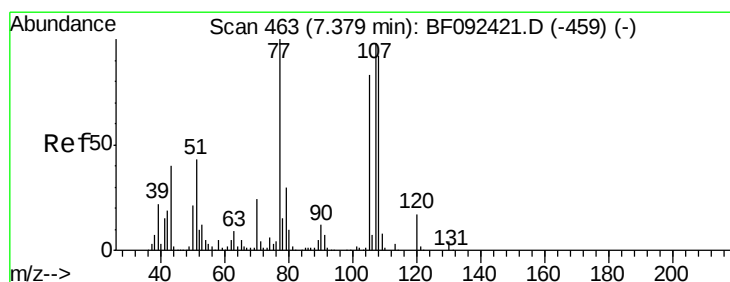
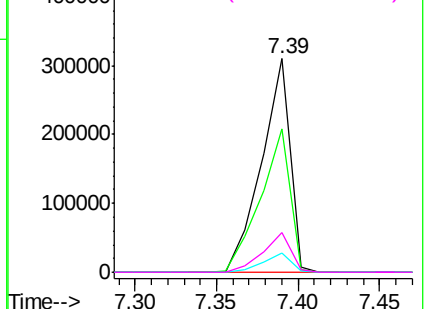


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#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

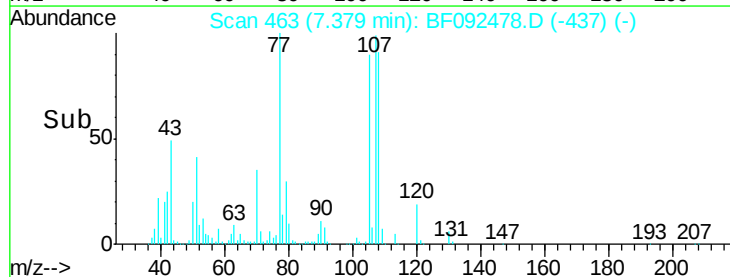
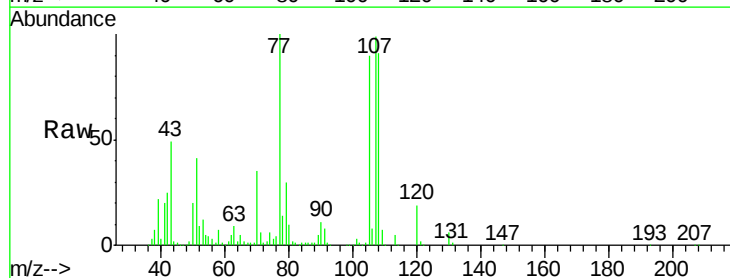
Ion Ratio Lower Upper

107 100

108 92.4 73.0 113.0

77 101.2 71.3 111.3

79 30.1 11.1 51.1

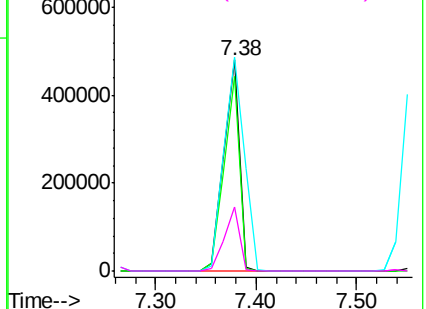


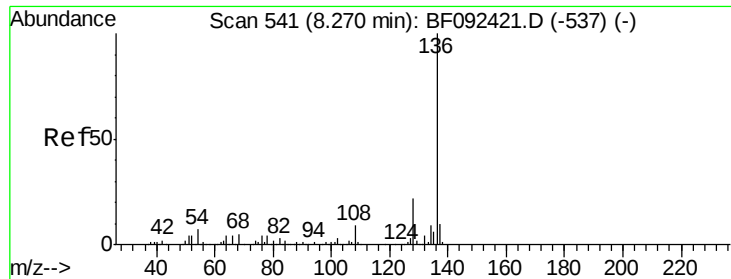
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

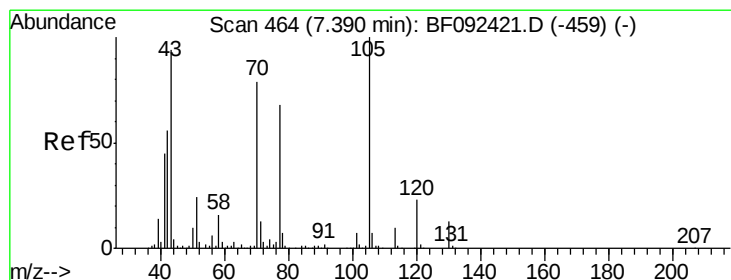
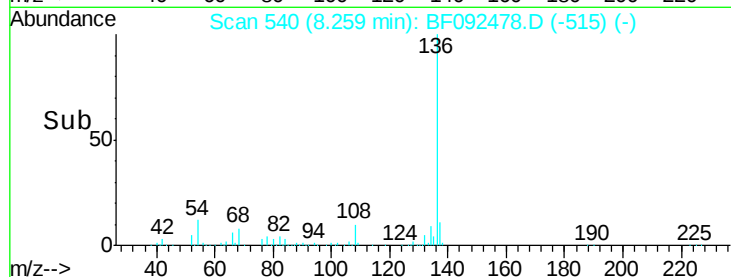
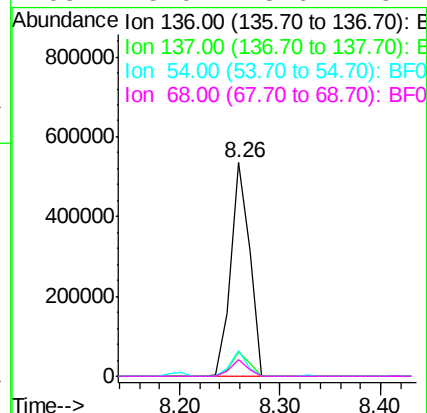
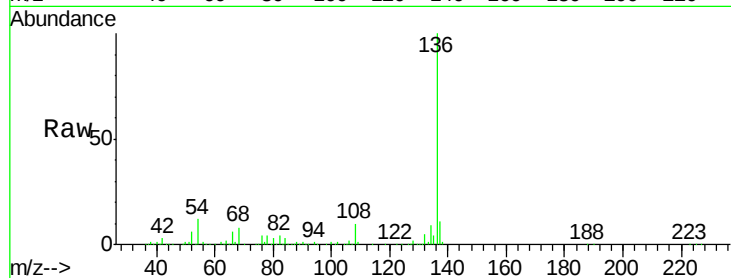




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092478.D
Acq: 25 Jan 2017 16:00

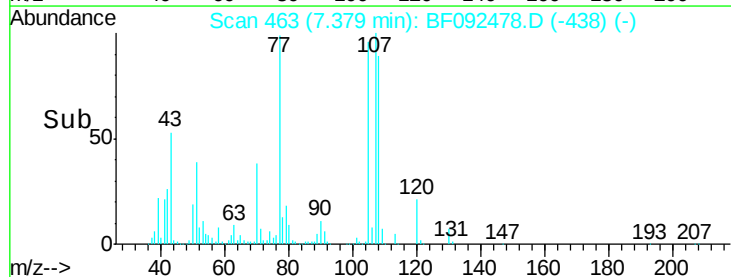
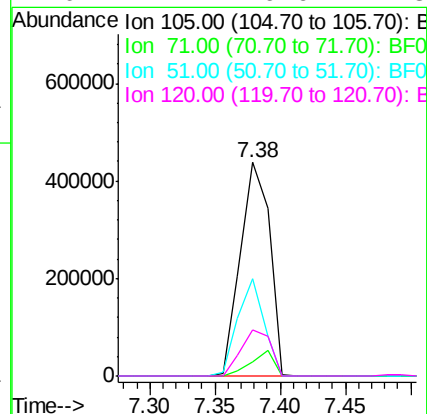
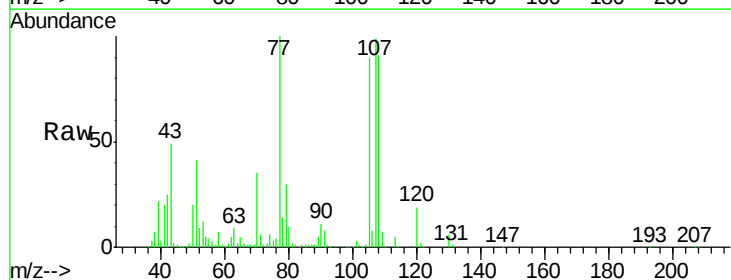
Instrument :
BNA_F
ClientSampleId :

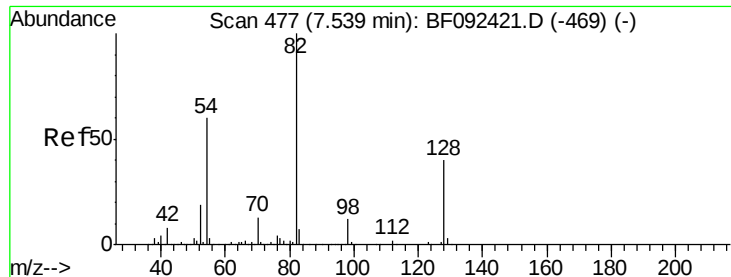
Tot Ion:136	Resp:	694306
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.4 12.6
54	11.7	4.5 6.7#
68	8.0	3.6 5.4#



#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

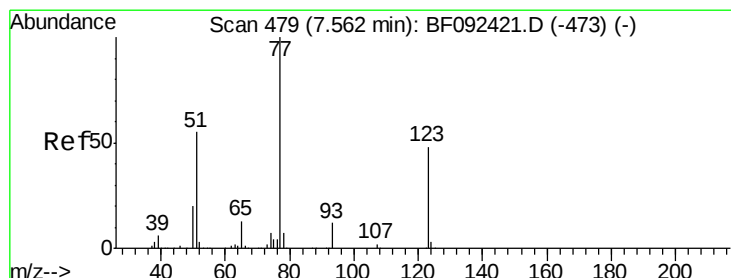
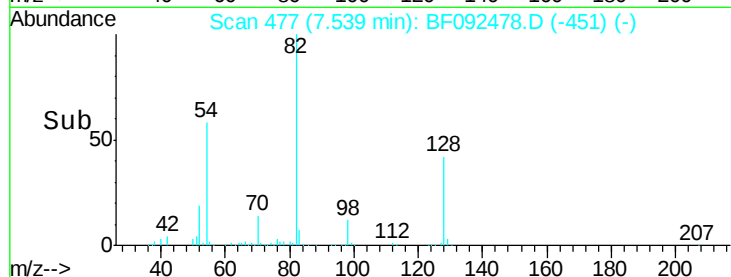
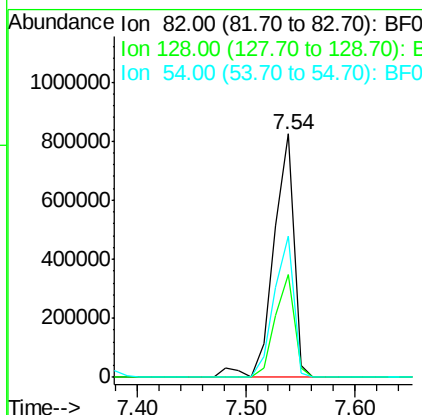
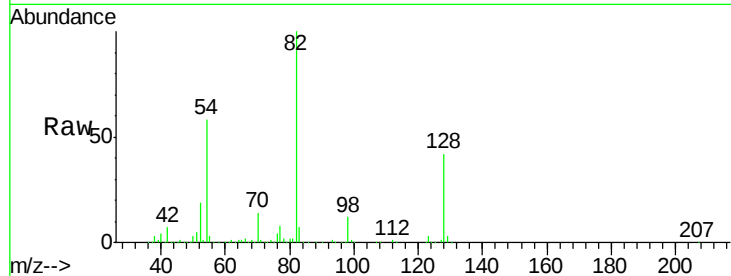




#23
 Nitrobenzene-d5
 Concen: 83.53 ng
 RT: 7.54 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF092478.D
 Acq: 25 Jan 2017 16:00

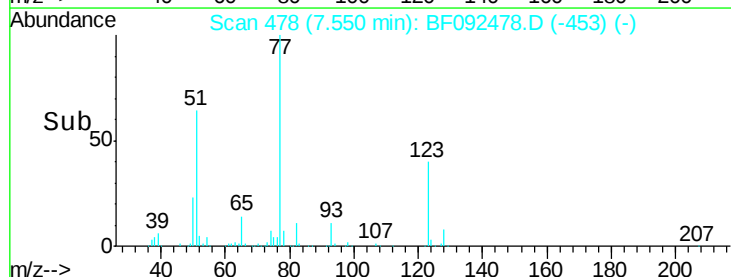
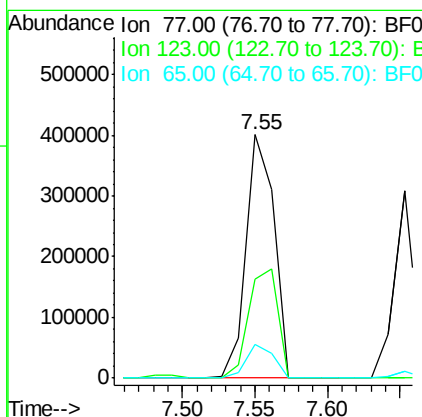
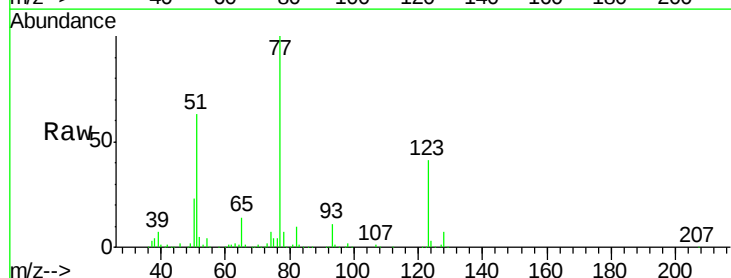
Instrument :
 BNA_F
 ClientSampleId :

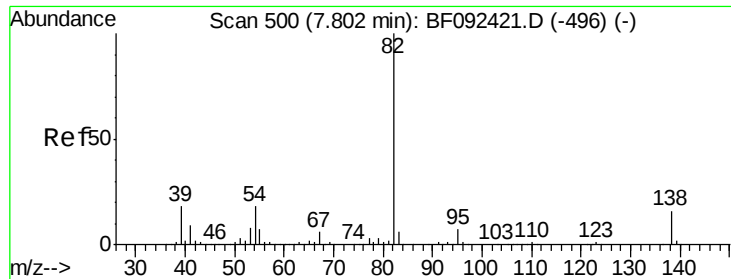
Tot Ion: 82 Resp: 1061701
 Ion Ratio Lower Upper
 82 100
 128 42.2 34.6 52.0
 54 57.8 39.5 59.3



#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

ClientSampled :

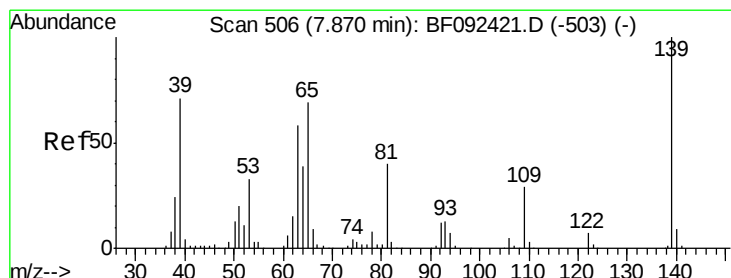
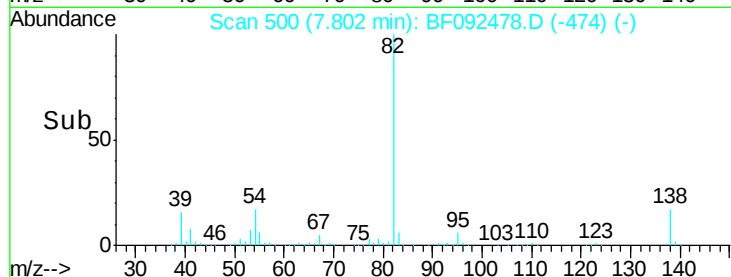
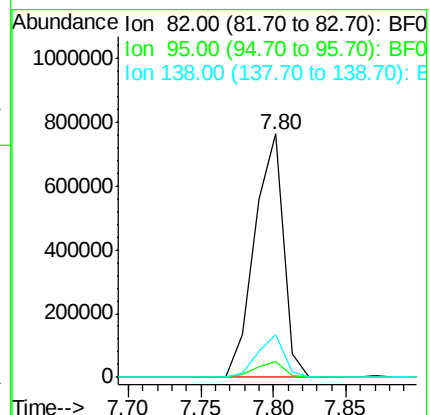
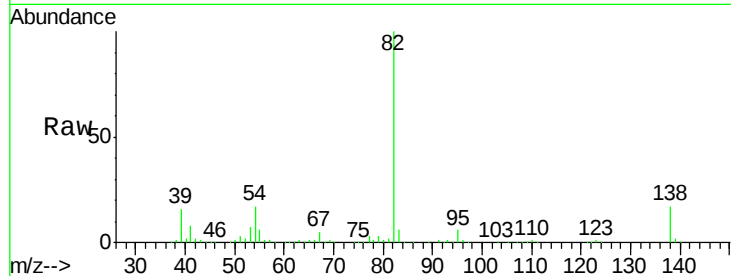
Tot Ion: 82 Resp: 1049069

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

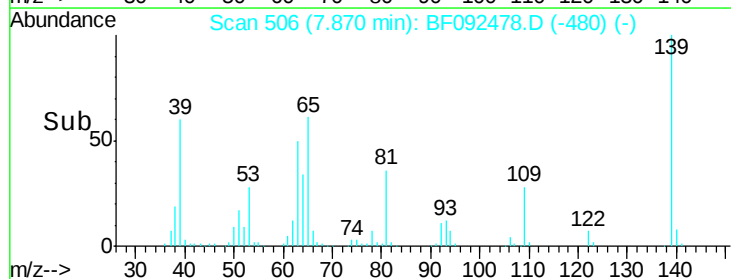
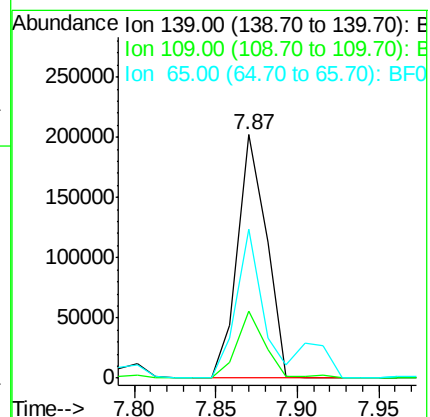
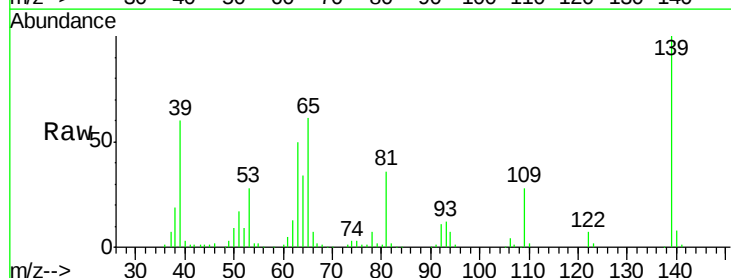
Tgt Ion: 139 Resp: 247829

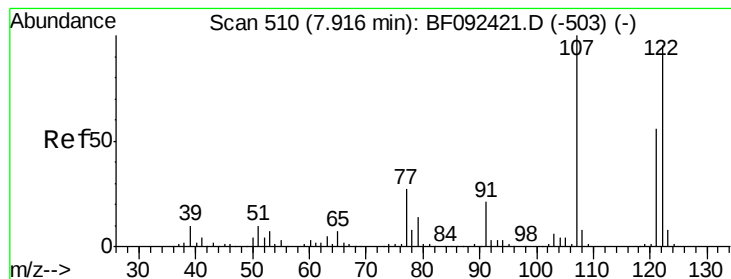
Ion Ratio Lower Upper

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 :

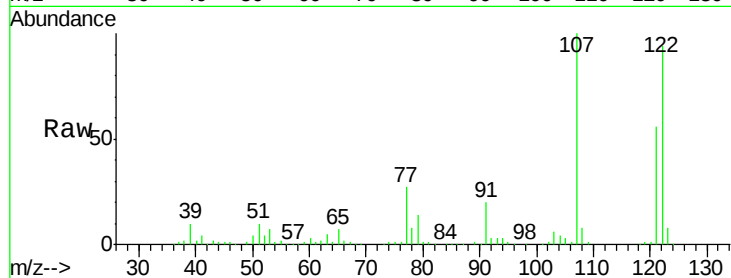
Tot Ion:122 Resp: 491098

Ion Ratio Lower Upper

122 100

107 106.2 94.1 141.1

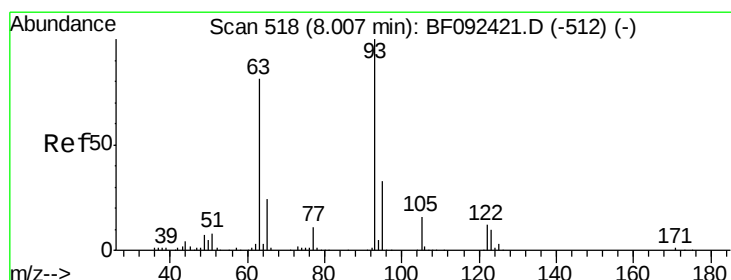
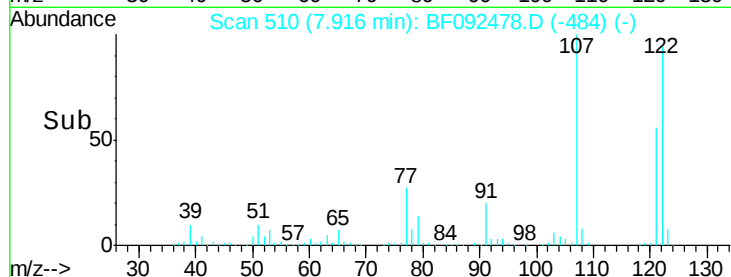
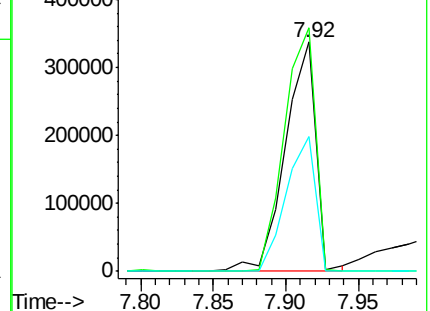
121 59.0 46.0 69.0



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

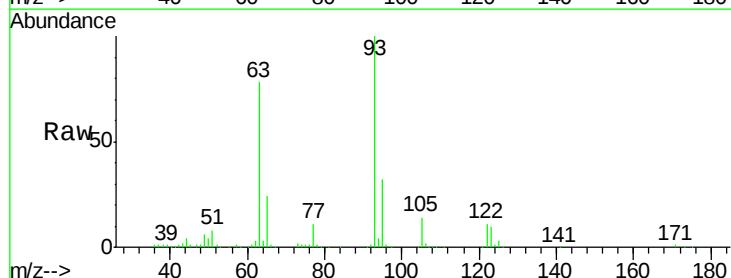
Tgt Ion: 93 Resp: 610236

Ion Ratio Lower Upper

93 100

95 32.1 26.5 39.7

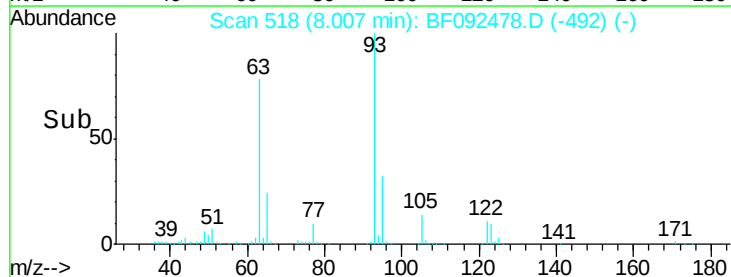
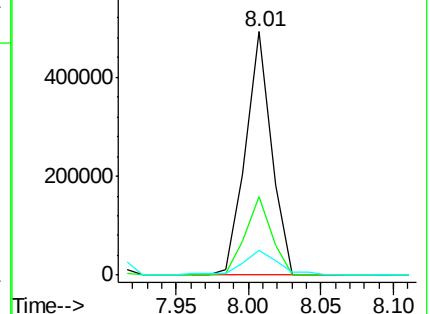
123 10.0 8.6 13.0

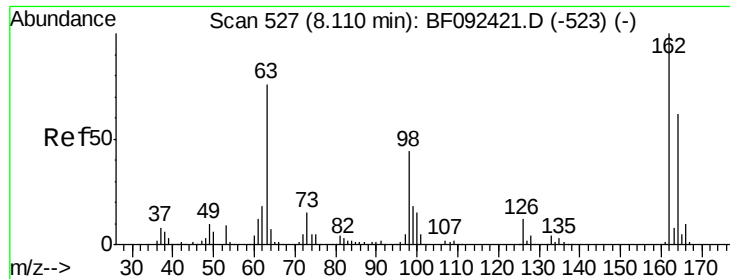


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

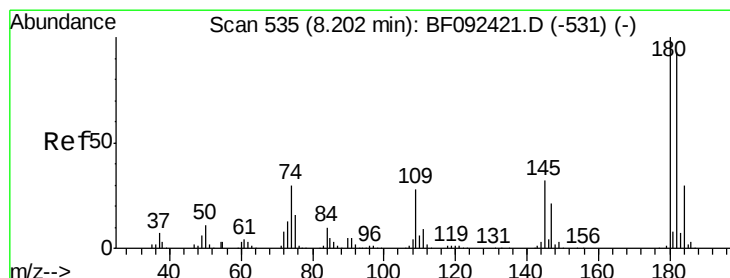
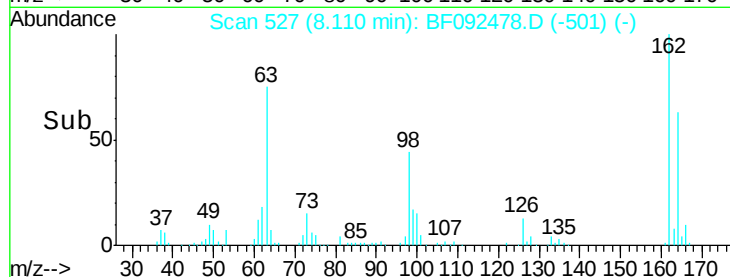
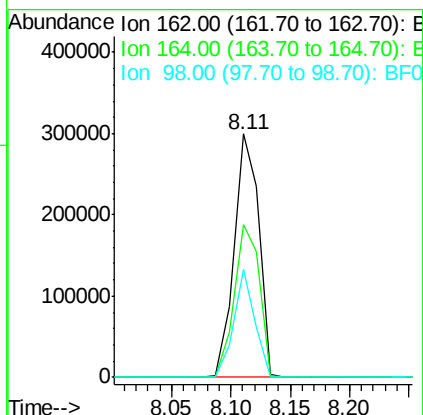
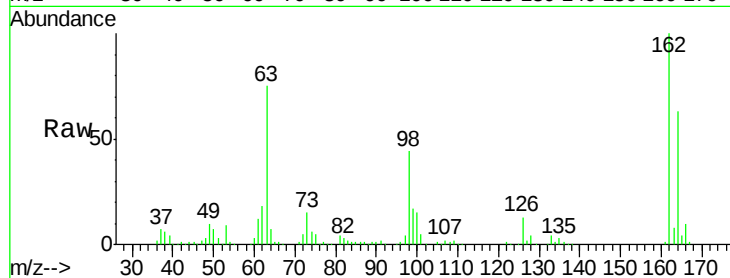




#29
 2,4-Dichlorophenol
 Concen: 42.94 ng
 RT: 8.11 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: BF092478.D
 Acq: 25 Jan 2017 16:00

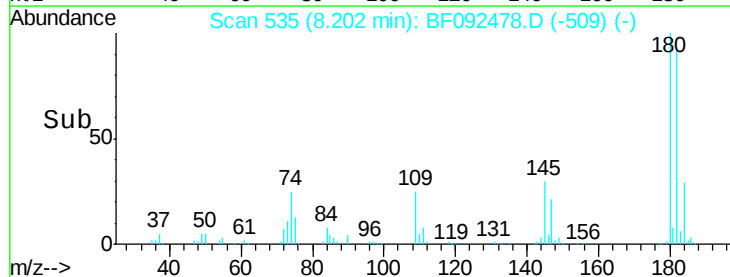
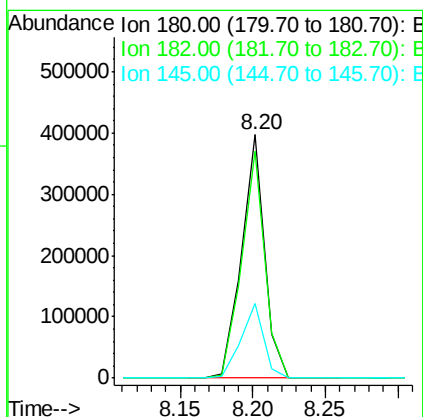
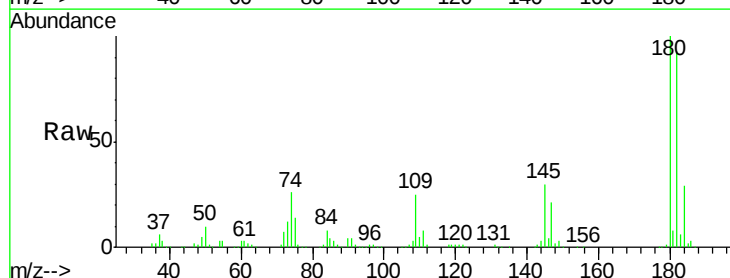
Instrument :
 BNA_F
 ClientSampleId :

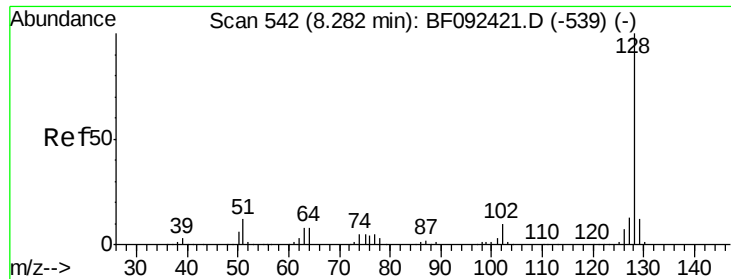
Tot Ion:162 Resp: 431973
 Ion Ratio Lower Upper
 162 100
 164 62.7 46.8 86.8
 98 44.1 9.1 49.1



#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

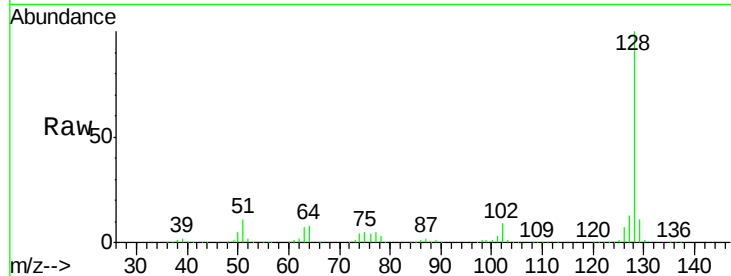




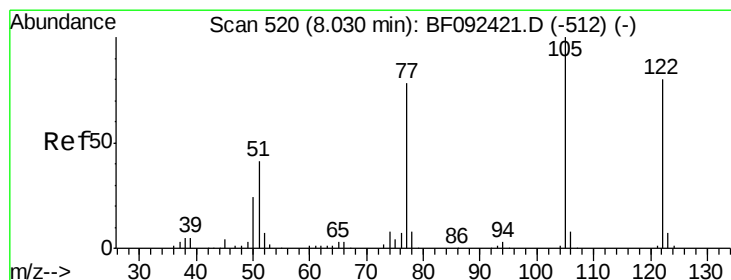
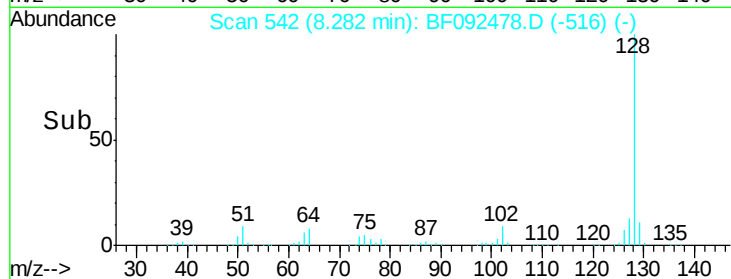
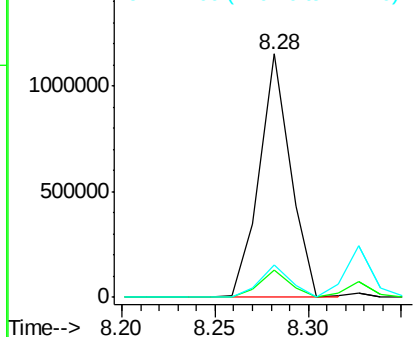
#31
Naphthalene
Concen: 37.66 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF092478.D
Acq: 25 Jan 2017 16:00

Instrument :
BNA_F
ClientSampleId :

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

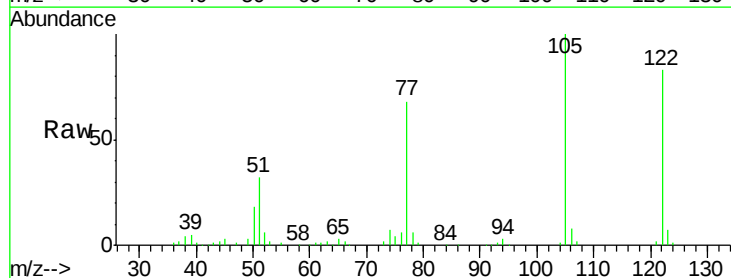


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

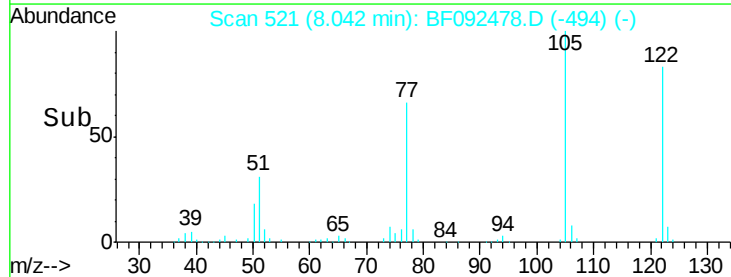
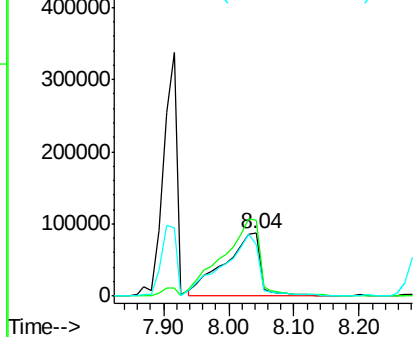


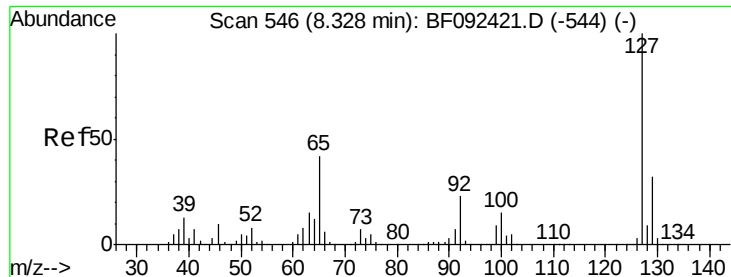
#32
Benzoic acid
Concen: 39.27 ng
RT: 8.04 min Scan# 521
Delta R.T. 0.01 min
Lab File: BF092478.D
Acq: 25 Jan 2017 16:00

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

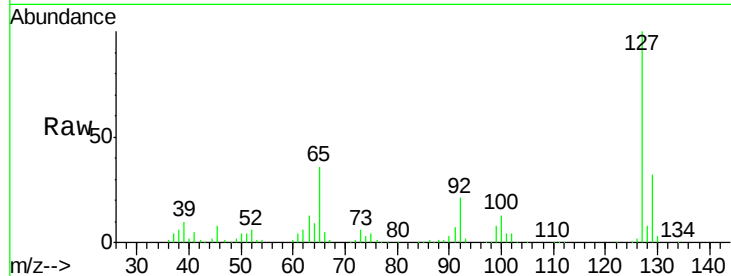




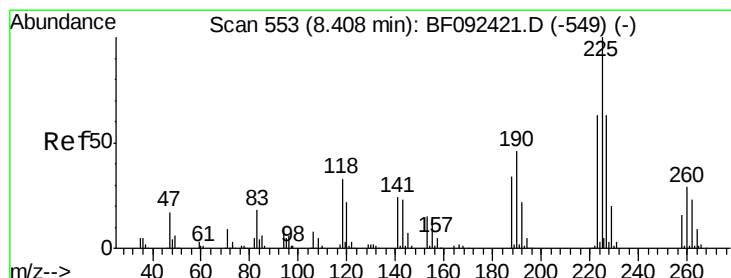
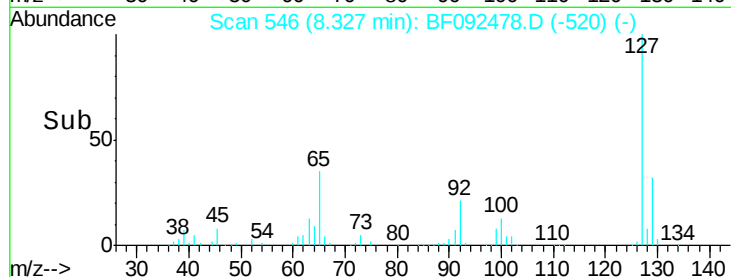
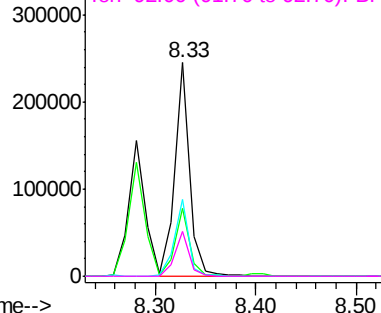
#33
4-Chloroaniline
Concen: 16.71 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF092478.D
Acq: 25 Jan 2017 16:00

Instrument :
BNA_F
ClientSampleId :

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

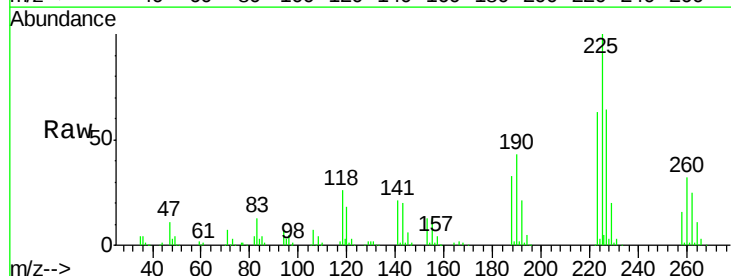


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

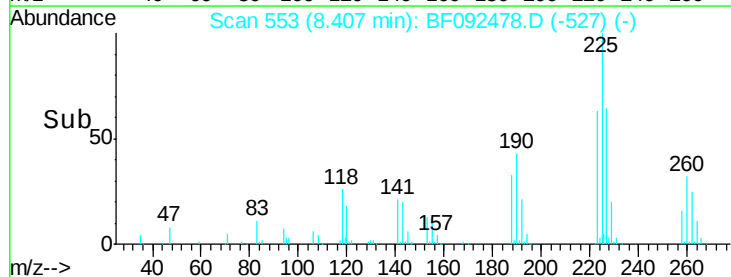
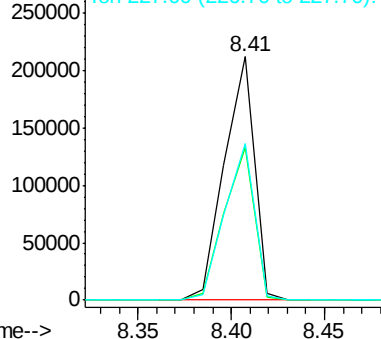


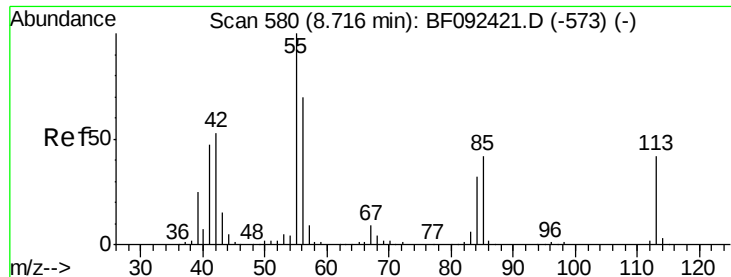
#34
Hexachlorobutadiene
Concen: 39.78 ng
RT: 8.41 min Scan# 553
Delta R.T. -0.00 min
Lab File: BF092478.D
Acq: 25 Jan 2017 16:00

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: 25.56 ng

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

ClientSampled :

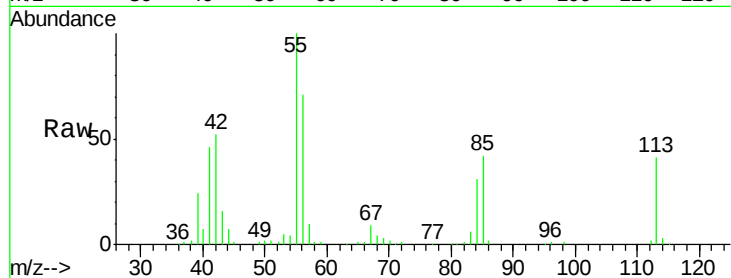
Tot Ion:113 Resp: 85880

Ion Ratio Lower Upper

113 100

55 244.5 119.2 159.2#

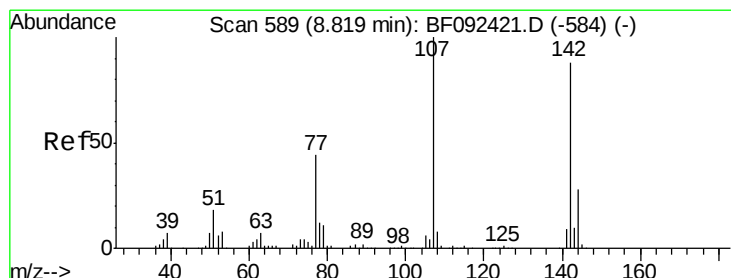
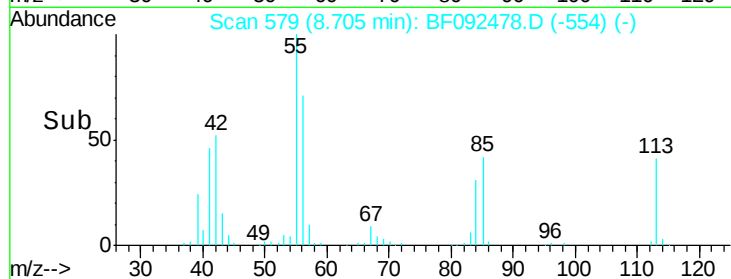
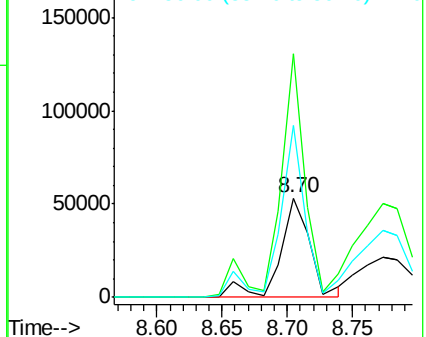
56 173.2 83.8 123.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 44.98 ng

RT: 8.82 min Scan# 589

Delta R.T. -0.00 min

Lab File: BF092478.D

Acq: 25 Jan 2017 16:00

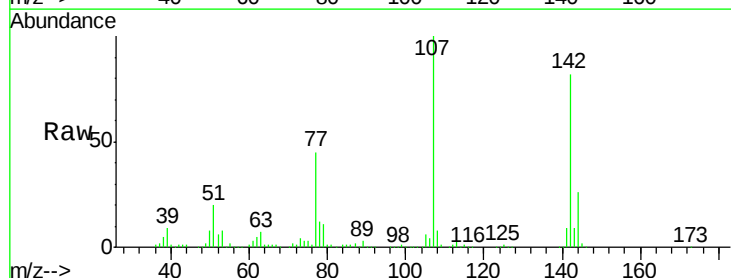
Tgt Ion:107 Resp: 488042

Ion Ratio Lower Upper

107 100

144 26.1 19.3 28.9

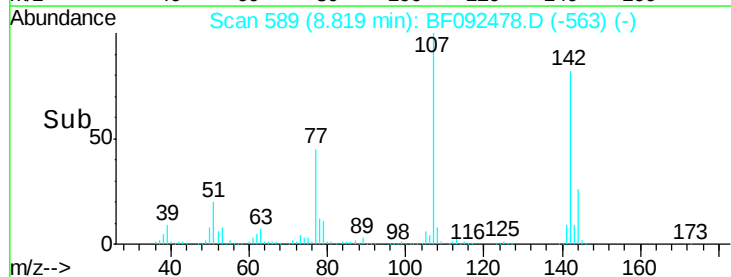
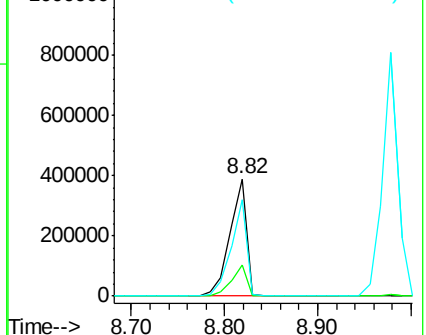
142 81.8 59.0 88.6

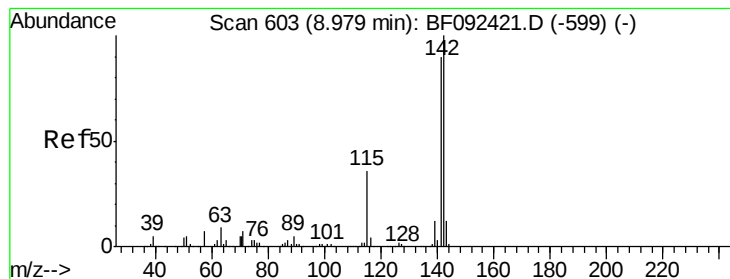


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

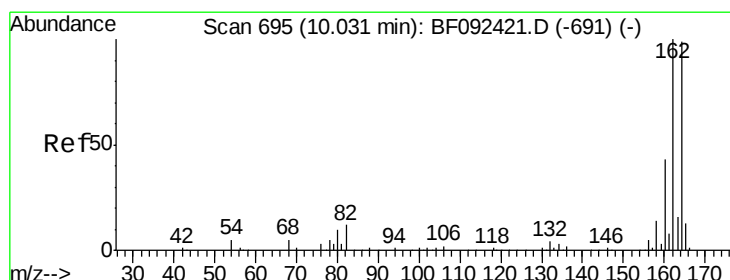
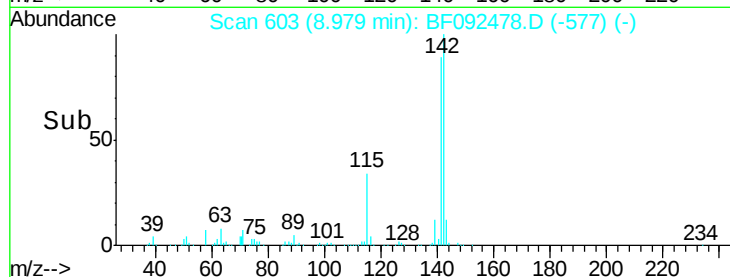
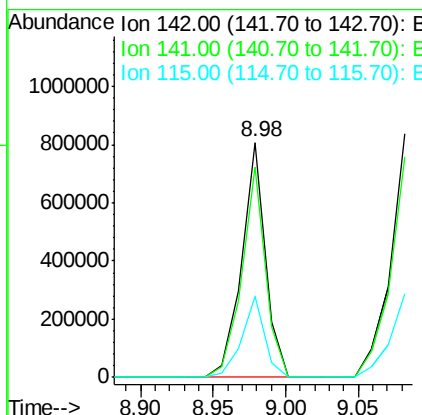
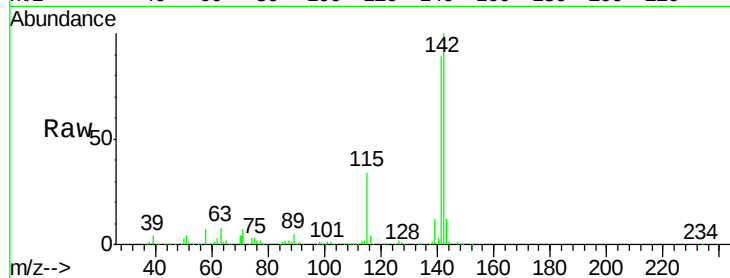




#37
 2-Methylnaphthalene
 Concen: 40.90 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: BF092478.D
 Acq: 25 Jan 2017 16:00

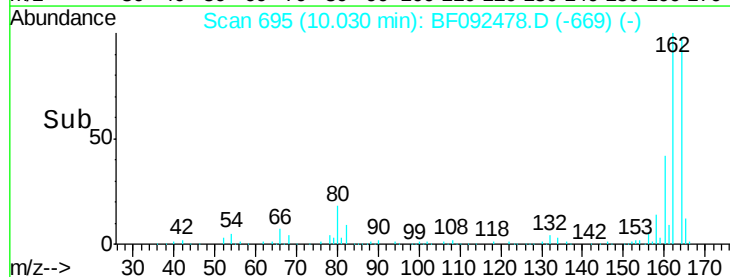
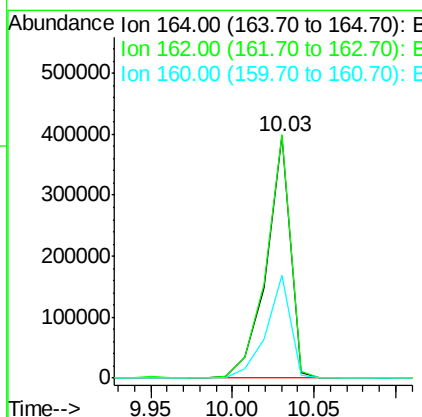
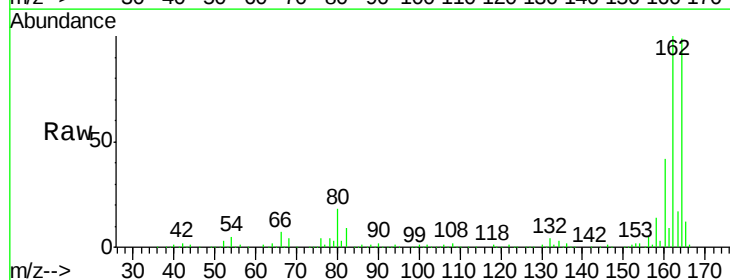
Instrument :
 BNA_F
 ClientSampled :

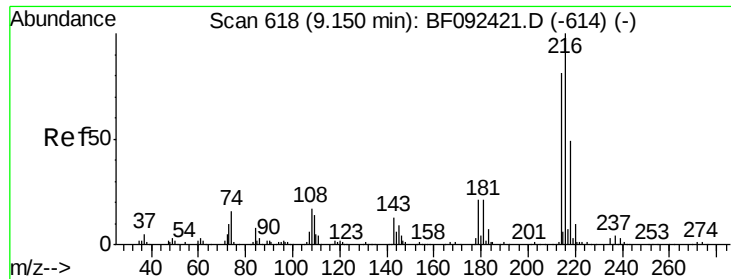
Tot Ion:142 Resp: 920054
 Ion Ratio Lower Upper
 142 100
 141 89.3 71.0 106.6
 115 34.2 28.3 42.5



#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

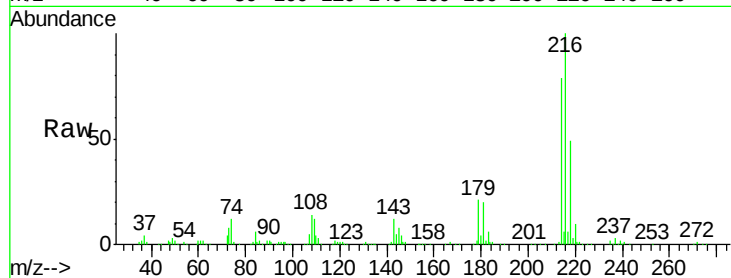




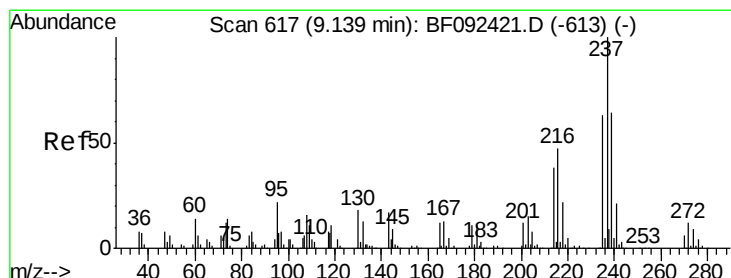
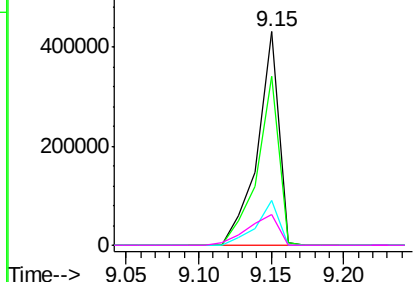
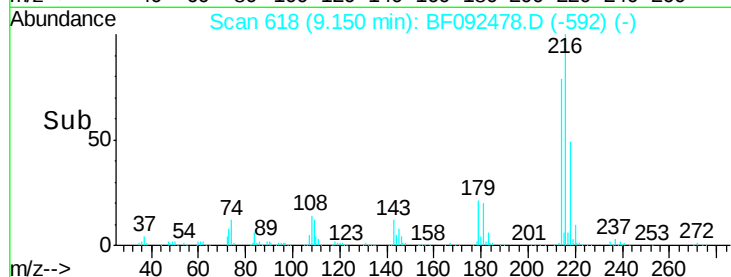
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.23 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF092478.D
 Acq: 25 Jan 2017 16:00

Instrument :
 BNA_F
 ClientSampleId :

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

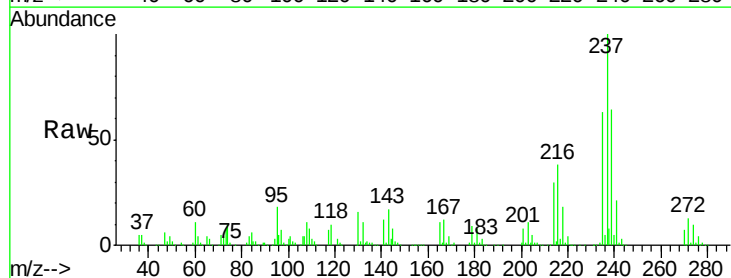


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

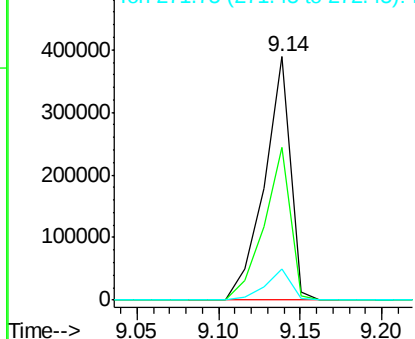
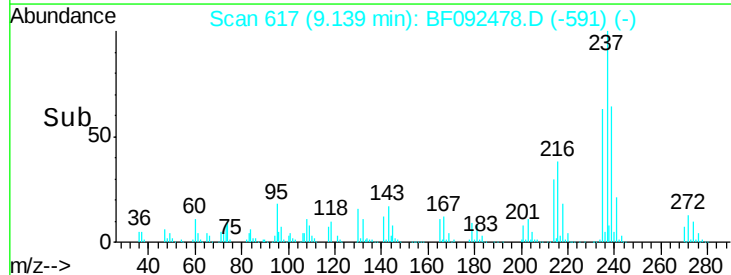


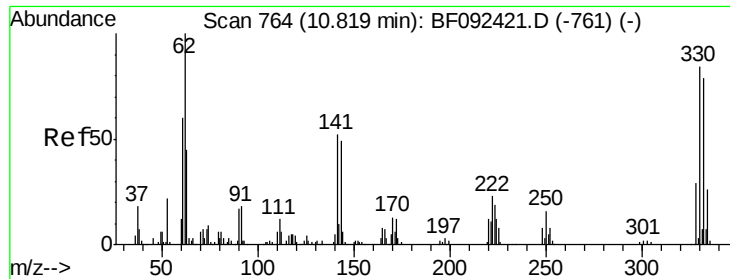
#40
 Hexachlorocyclopentadiene
 Concen: 84.64 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF092478.D
 Acq: 25 Jan 2017 16:00

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 :

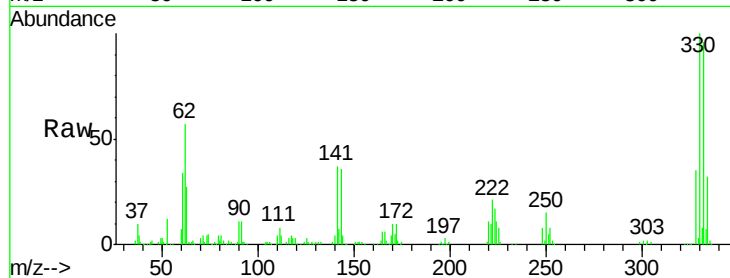
Tot Ion:330 Resp: 307536

Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.2

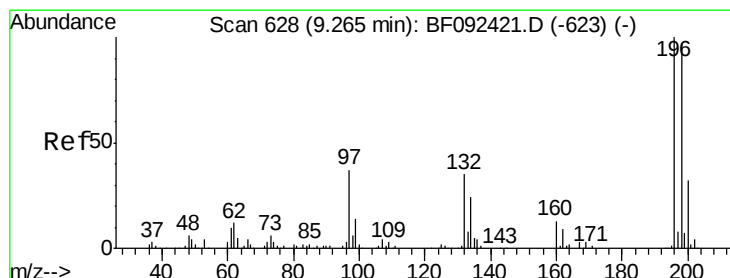
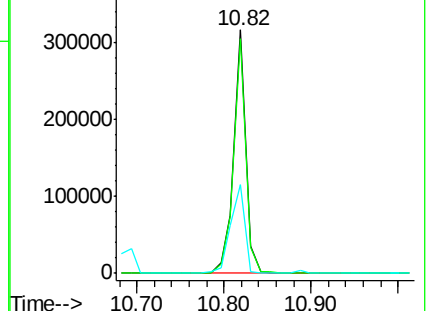
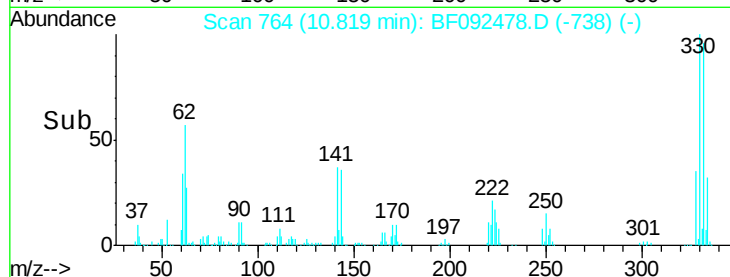
141 42.8 34.1 51.1



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

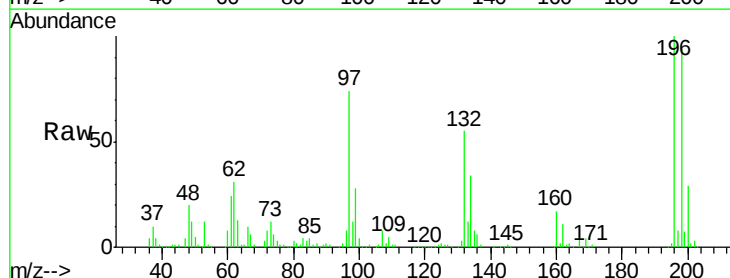
Tgt Ion:196 Resp: 327518

Ion Ratio Lower Upper

196 100

198 93.6 82.1 123.1

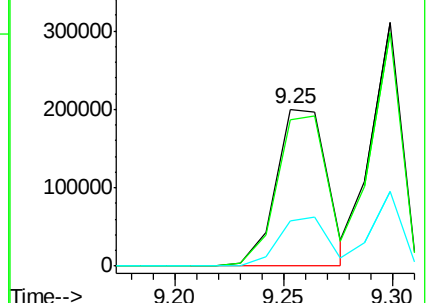
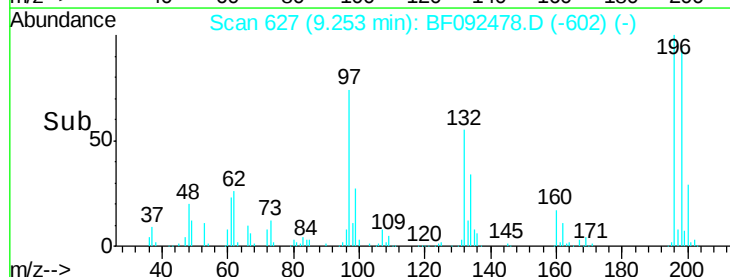
200 28.5 27.0 40.4

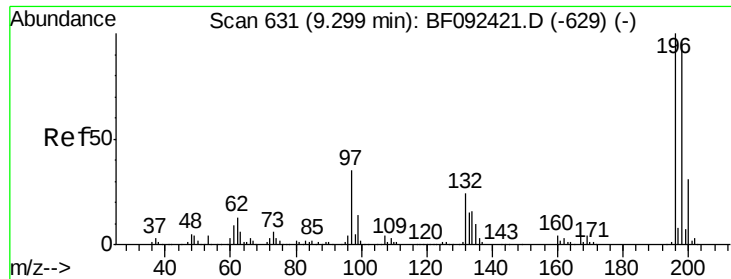


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

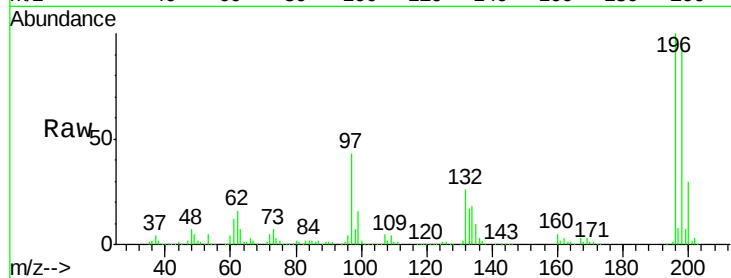




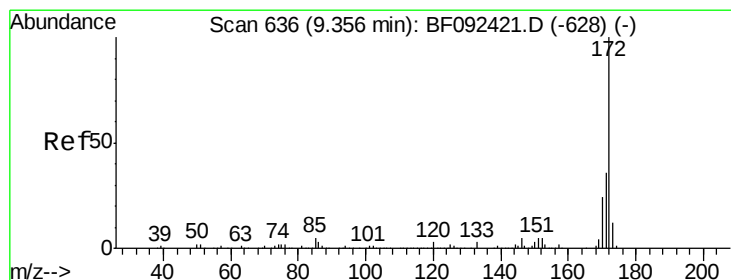
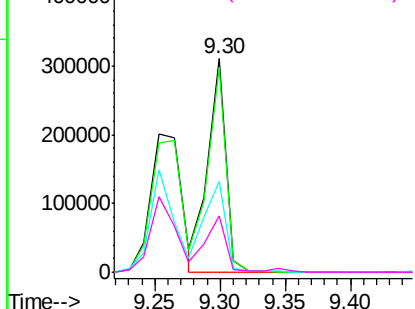
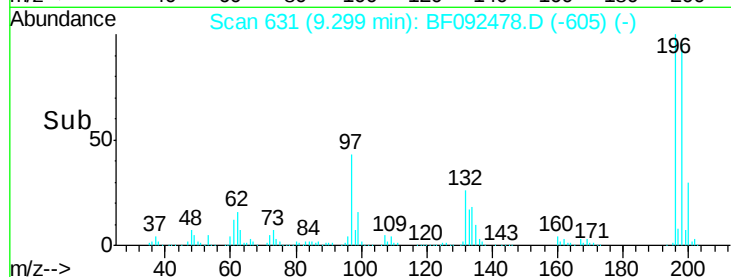
#43
 2,4,5-Trichlorophenol
 Concen: 42.34 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF092478.D
 Acq: 25 Jan 2017 16:00

Instrument :
 BNA_F
 ClientSampleId :

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#

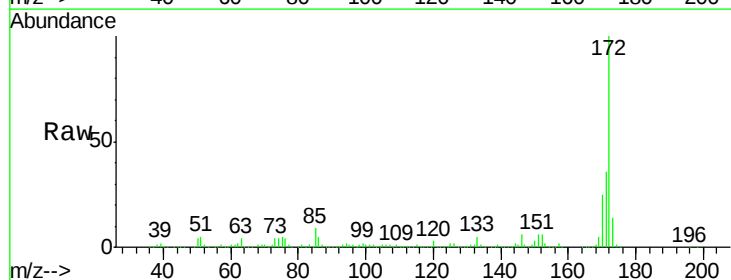


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

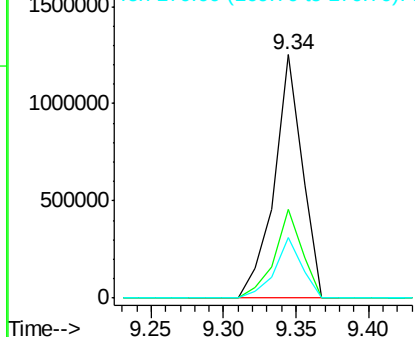
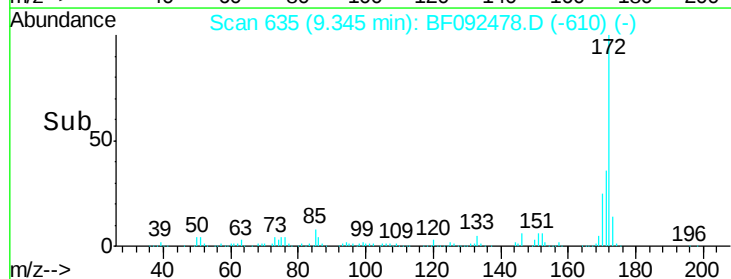


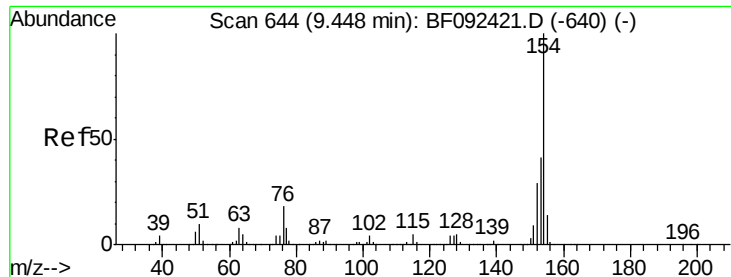
#44
 2-Fluorobiphenyl
 Concen: 76.55 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092478.D
 Acq: 25 Jan 2017 16:00

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

ClientSampled :

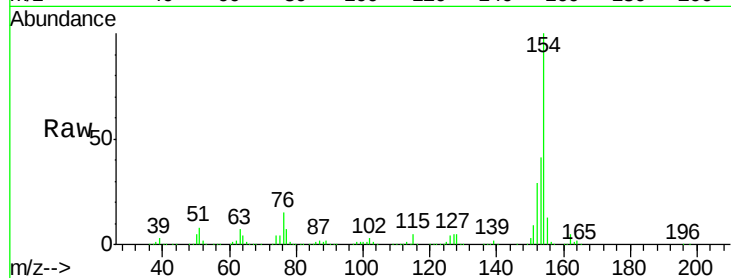
Tot Ion:154 Resp: 1129227

Ion Ratio Lower Upper

154 100

153 41.0 20.9 60.9

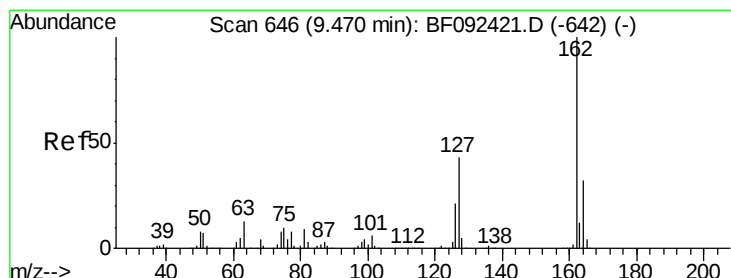
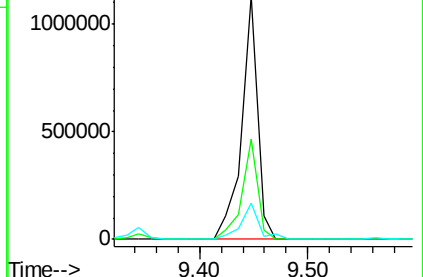
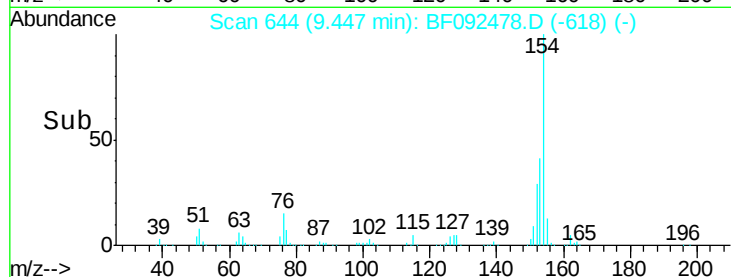
76 15.0 0.0 30.5



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

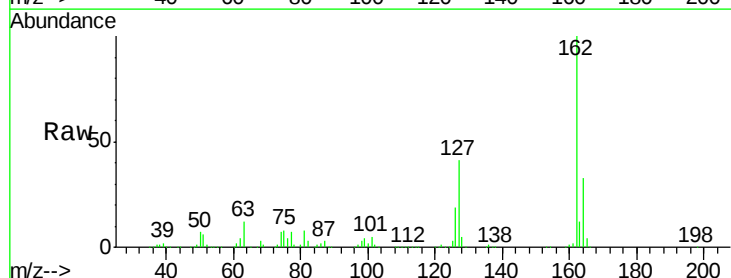
Tgt Ion:162 Resp: 853809

Ion Ratio Lower Upper

162 100

127 41.0 30.7 46.1

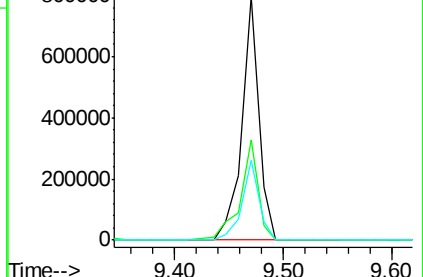
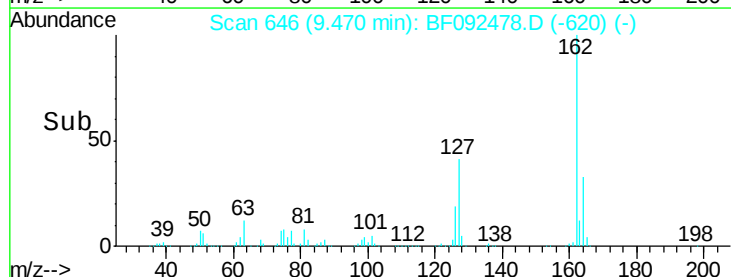
164 32.9 27.6 41.4

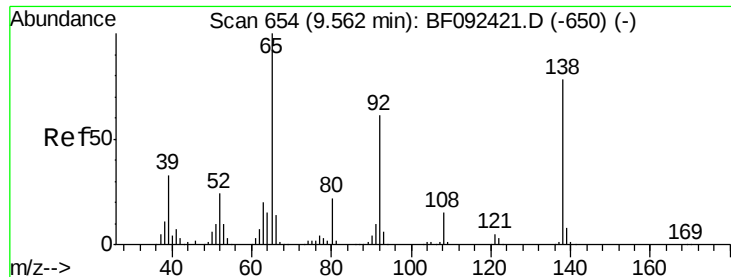


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

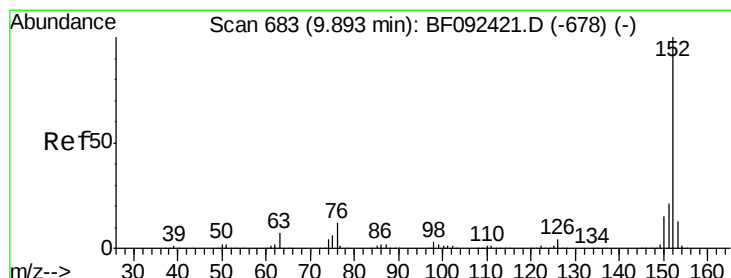
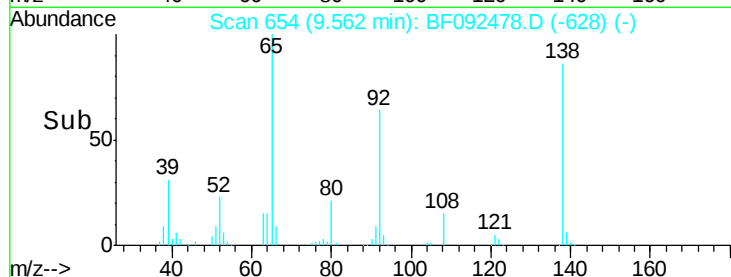
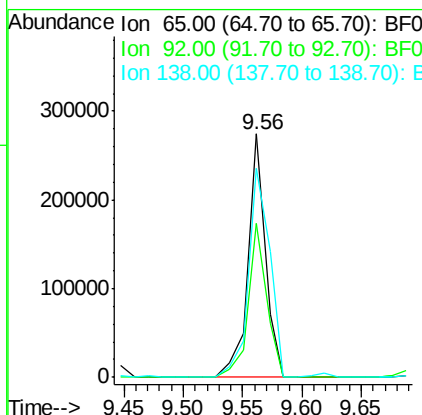
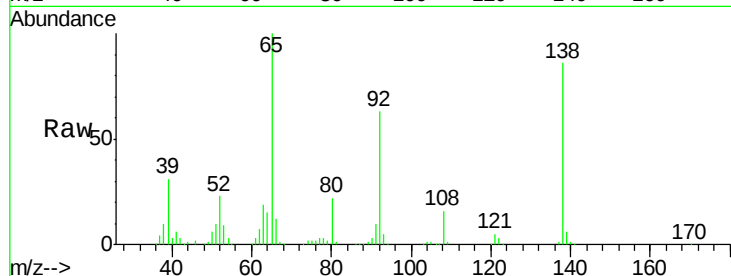




#47
2-Nitroaniline
Concen: 35.29 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.00 min
Lab File: BF092478.D
Acq: 25 Jan 2017 16:00

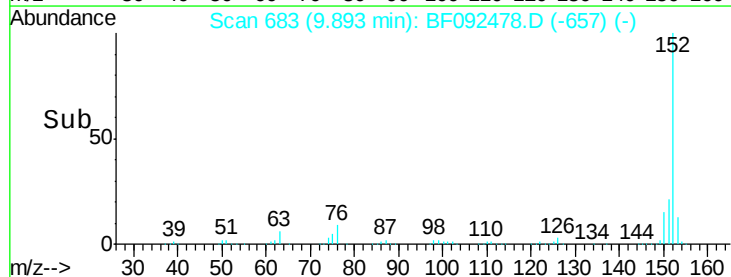
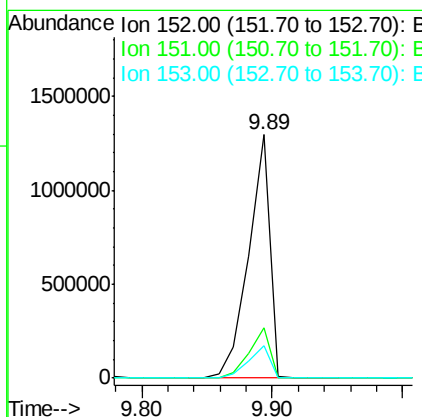
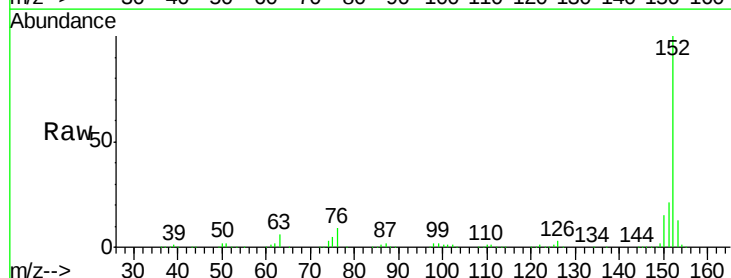
Instrument :
BNA_F
ClientSampleId :

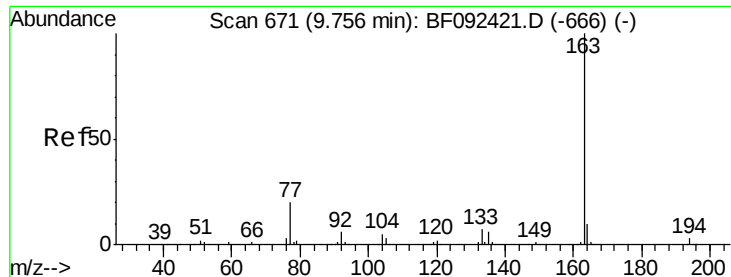
Tot Ion	Ratio	Lower	Upper
65	100		
92	63.3	53.9	80.9
138	85.9	76.8	115.2



#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	Ratio	Lower	Upper
152	100		
151	20.7	16.9	25.3
153	13.1	11.4	17.2

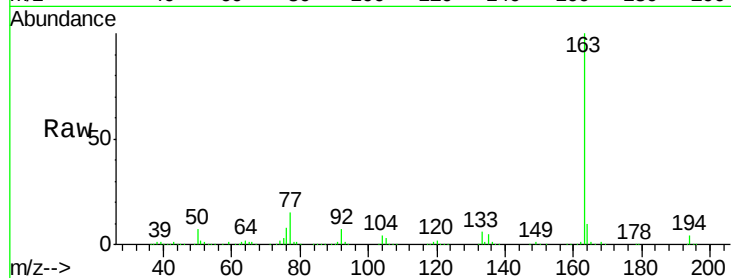




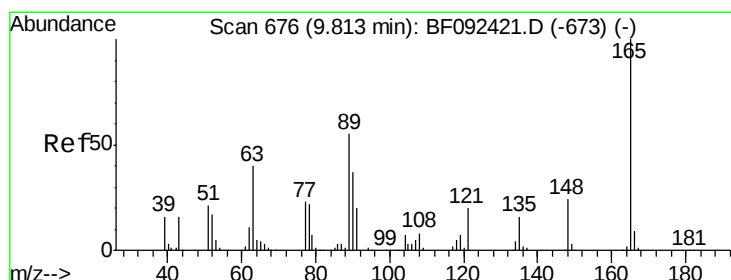
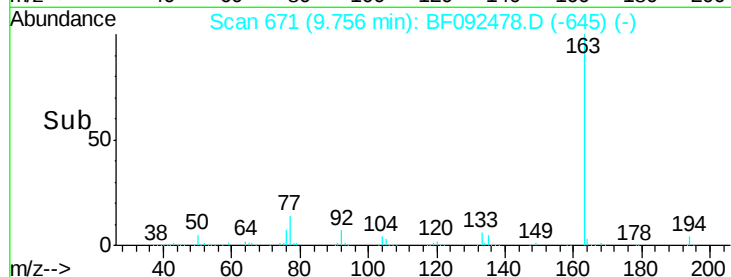
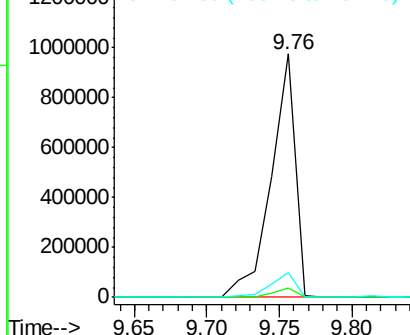
#49
Dimethylphthalate
Concen: 43.65 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF092478.D
Acq: 25 Jan 2017 16:00

Instrument :
BNA_F
ClientSampleId :

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

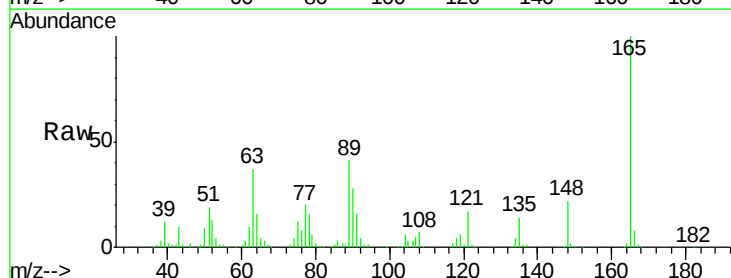


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

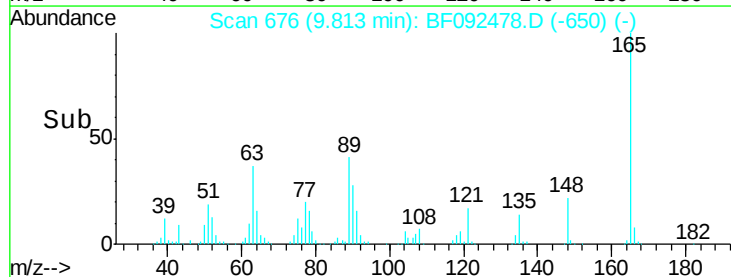
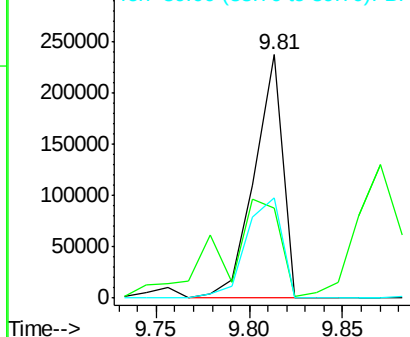


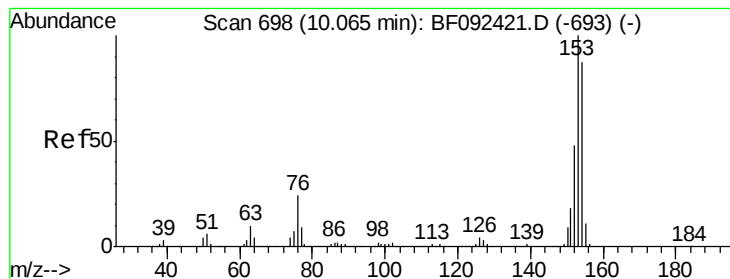
#50
2,6-Dinitrotoluene
Concen: 48.42 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.00 min
Lab File: BF092478.D
Acq: 25 Jan 2017 16:00

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 :

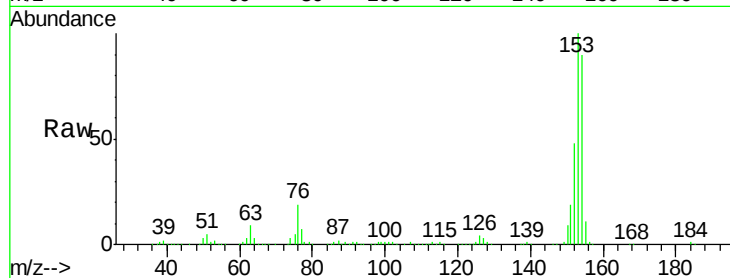
Tot Ion:154 Resp: 1010974

Ion Ratio Lower Upper

154 100

153 111.5 88.6 133.0

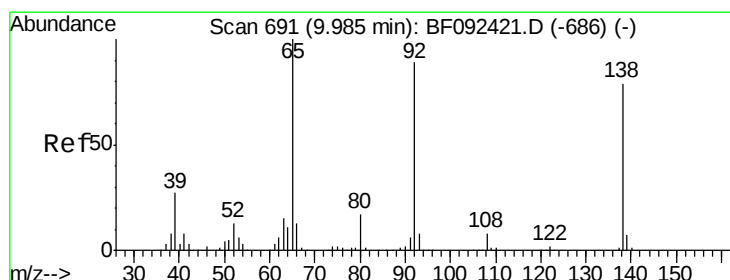
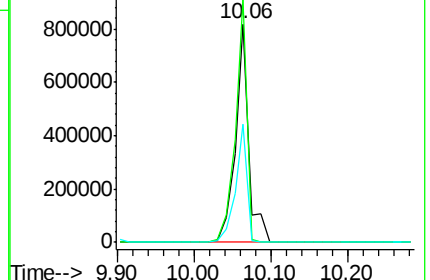
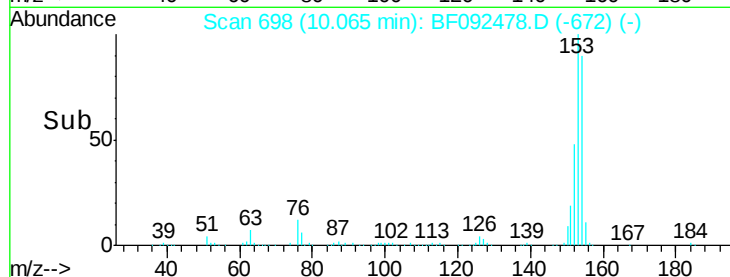
152 53.9 41.6 62.4



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

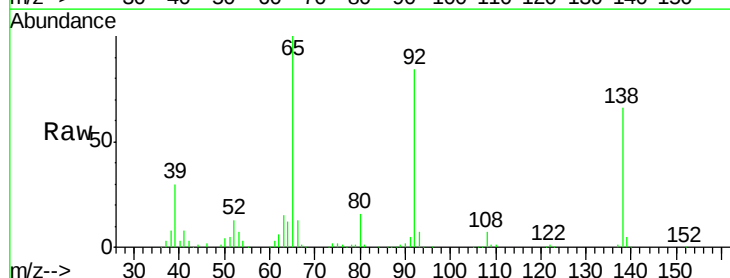
Tgt Ion:138 Resp: 149481

Ion Ratio Lower Upper

138 100

108 11.3 8.5 12.7

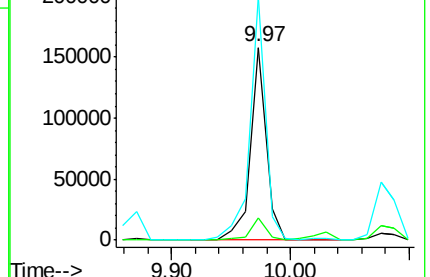
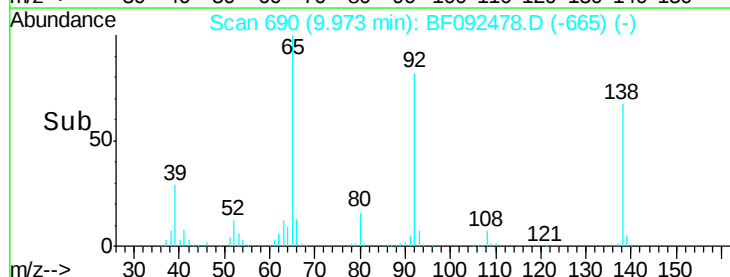
92 126.5 97.8 146.8

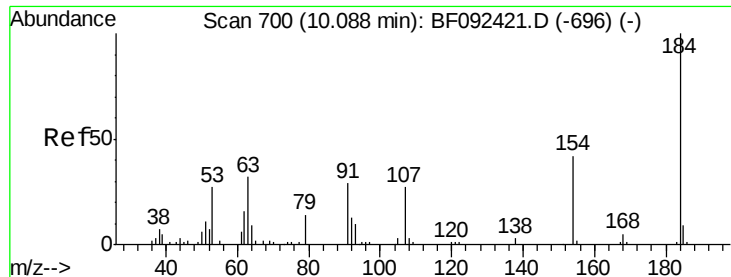


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

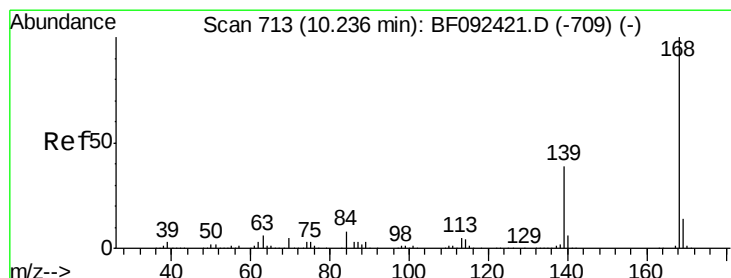
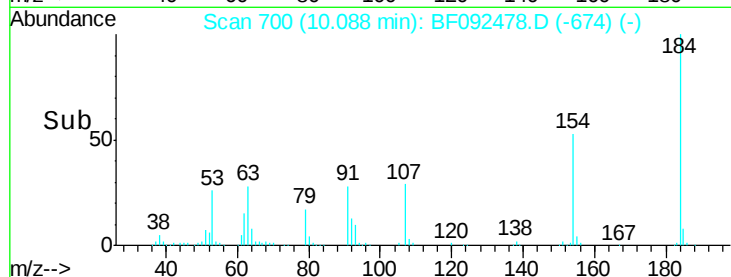
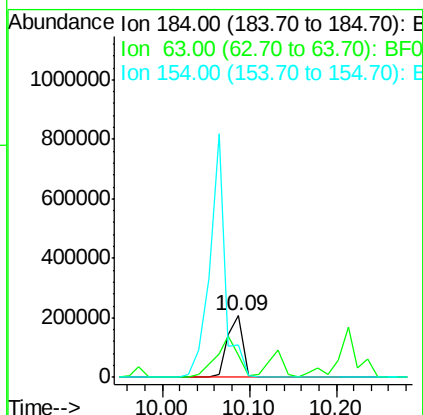
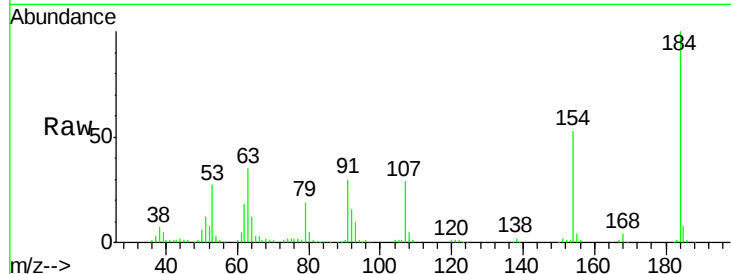




#53
 2,4-Dinitrophenol
 Concen: 75.36 ng
 RT: 10.09 min Scan# 700
 Delta R.T. 0.00 min
 Lab File: BF092478.D
 Acq: 25 Jan 2017 16:00

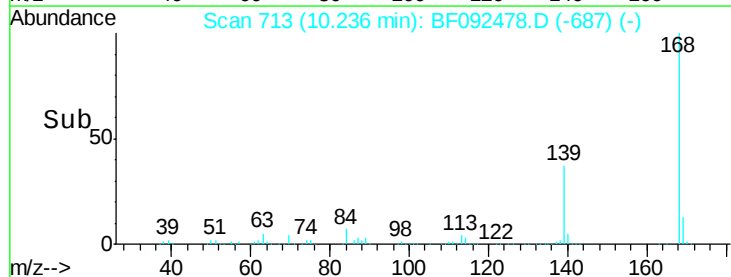
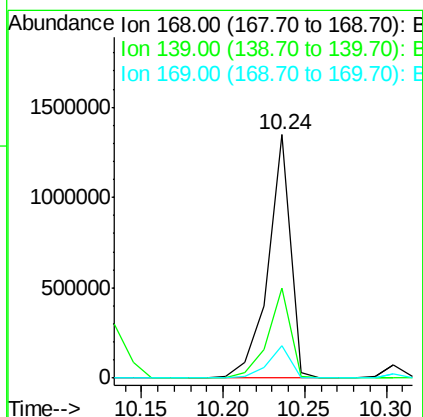
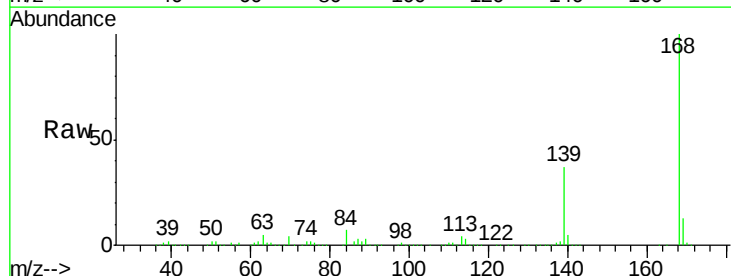
Instrument :
 BNA_F
 ClientSampleId :

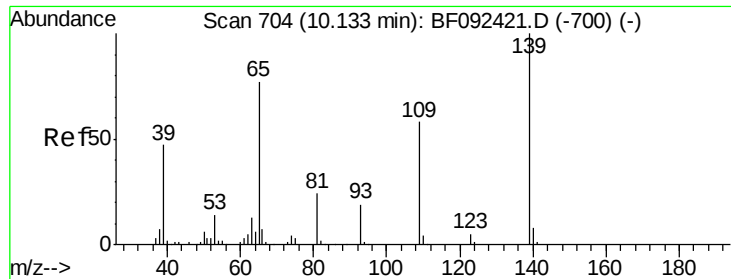
Tot Ion:184 Resp: 253590
 Ion Ratio Lower Upper
 184 100
 63 35.2 28.4 42.6
 154 52.5 44.3 66.5



#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

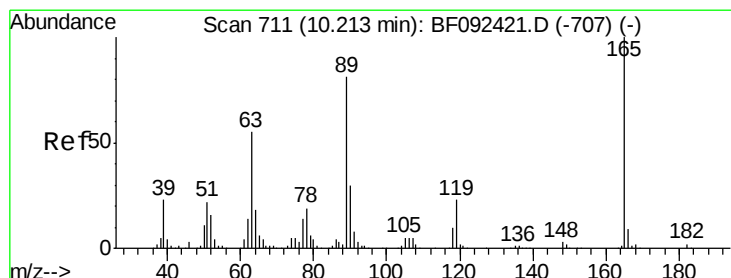
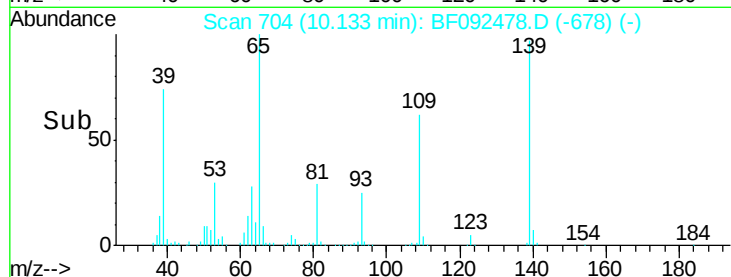
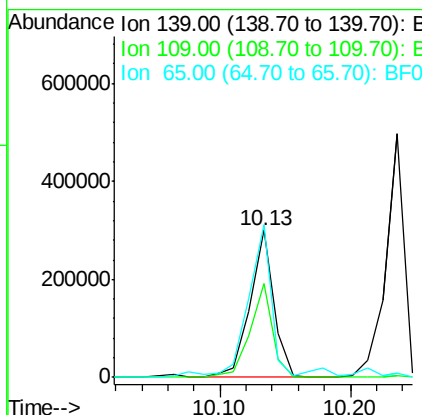
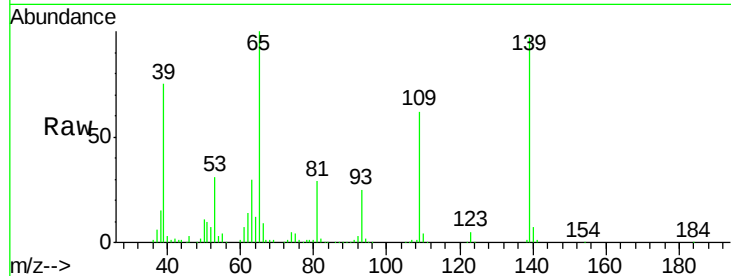




#55
4-Nitrophenol
Concen: 72.48 ng
RT: 10.13 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF092478.D
Acq: 25 Jan 2017 16:00

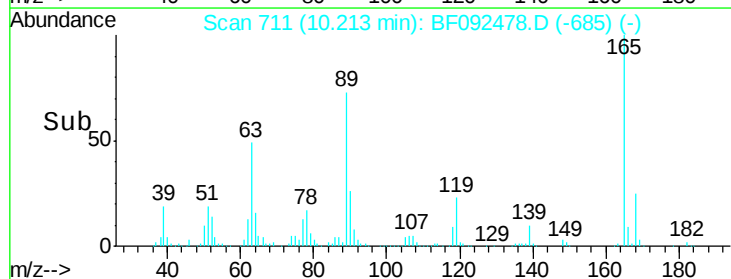
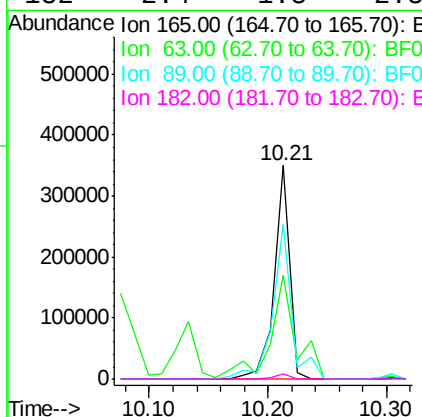
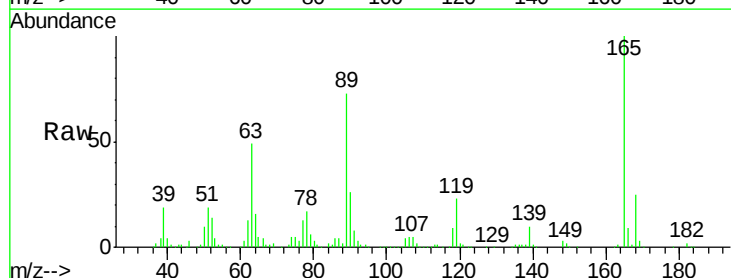
Instrument :
BNA_F
ClientSampleId :

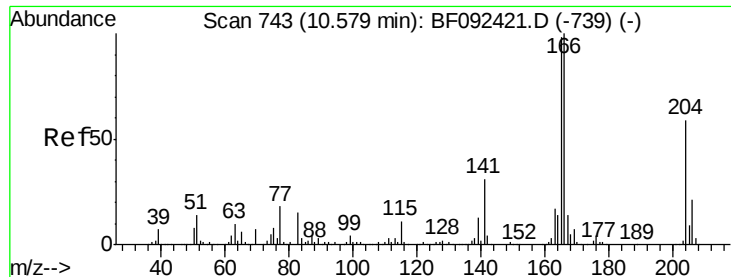
Tot Ion:139 Resp: 378842
Ion Ratio Lower Upper
139 100
109 63.7 52.2 92.2
65 103.6 85.8 125.8



#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

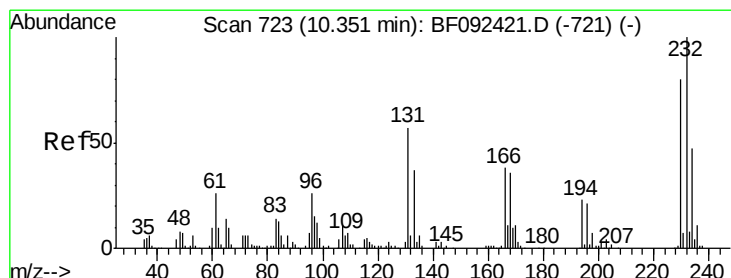
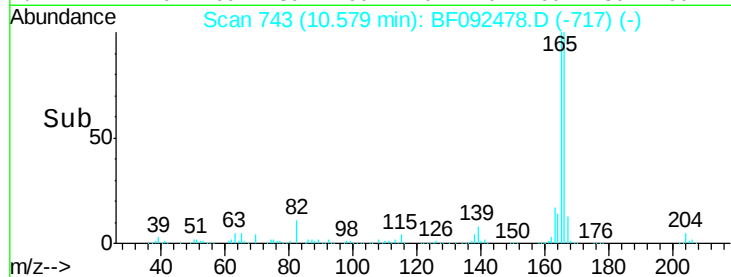
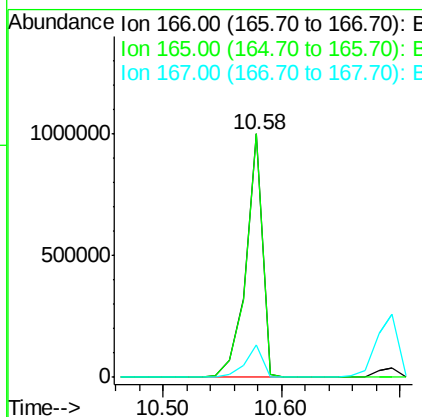
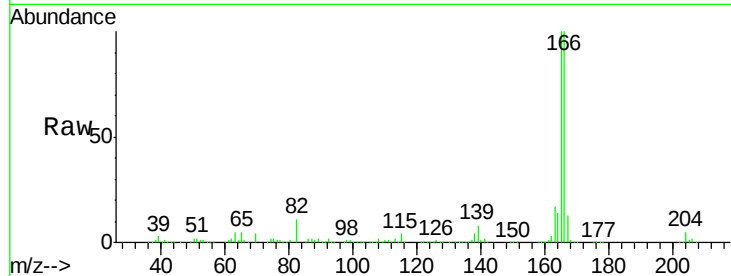




#57
 Fluorene
 Concen: 44.27 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF092478.D
 Acq: 25 Jan 2017 16:00

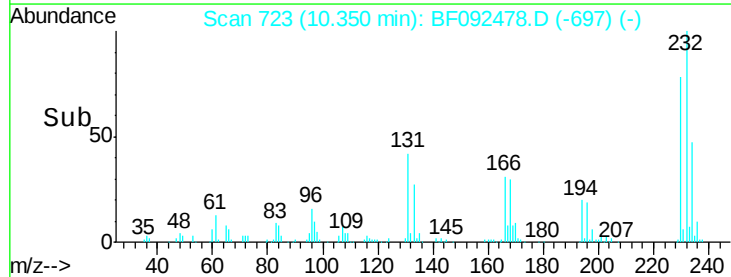
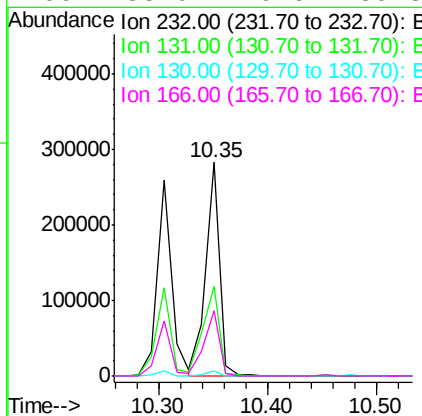
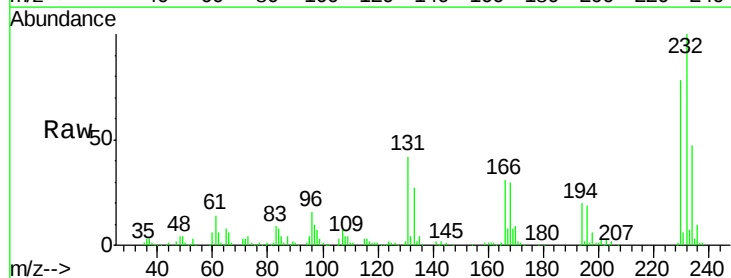
Instrument :
 BNA_F
 ClientSampled :

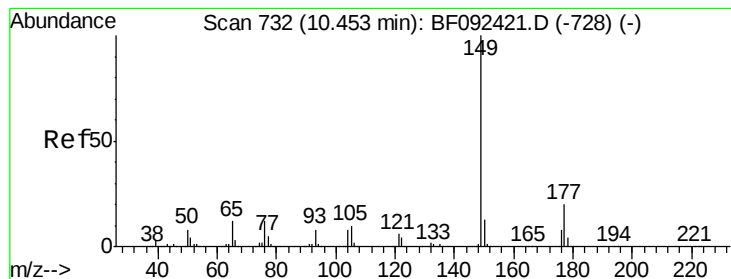
Tot Ion:166 Resp: 969720
 Ion Ratio Lower Upper
 166 100
 165 100.2 77.8 116.8
 167 13.4 10.8 16.2



#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





#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 :

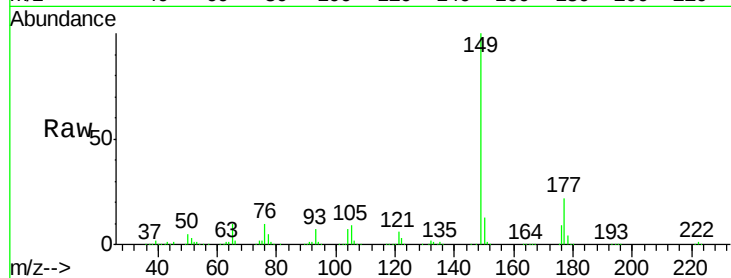
Tot Ion:149 Resp: 1019514

Ion Ratio Lower Upper

149 100

177 22.0 16.6 25.0

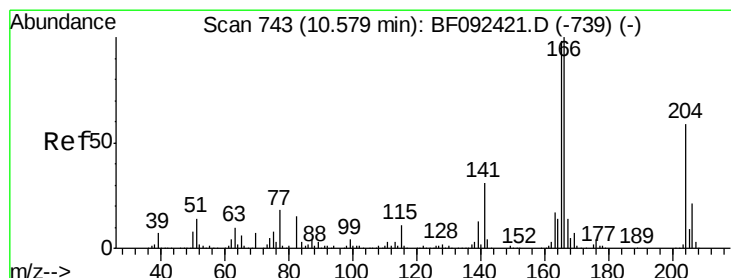
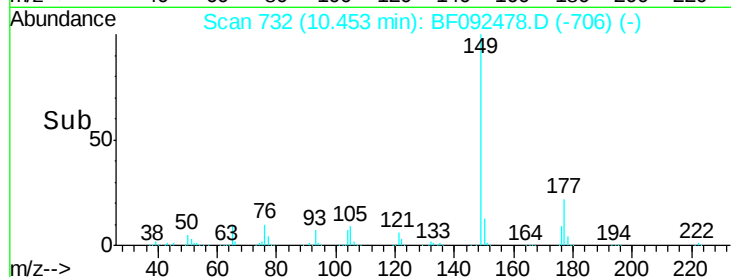
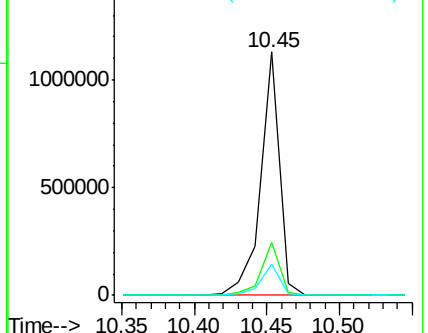
150 12.6 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 38.55 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF092478.D

Acq: 25 Jan 2017 16:00

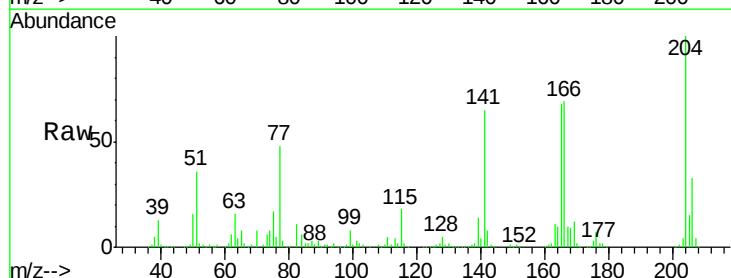
Tgt Ion:204 Resp: 409530

Ion Ratio Lower Upper

204 100

206 33.2 25.8 38.6

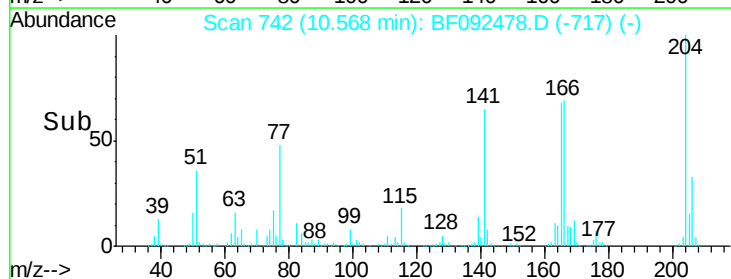
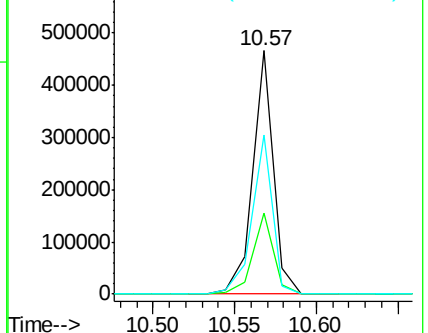
141 65.2 59.4 89.0

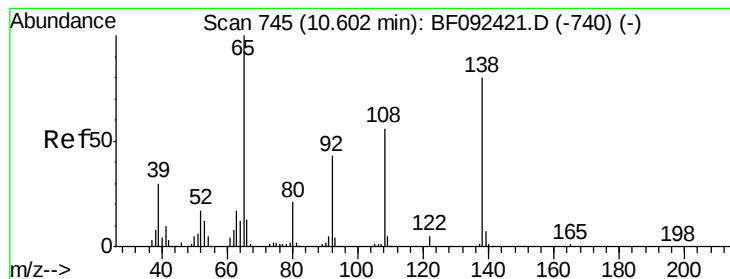


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 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

ClientSampled :

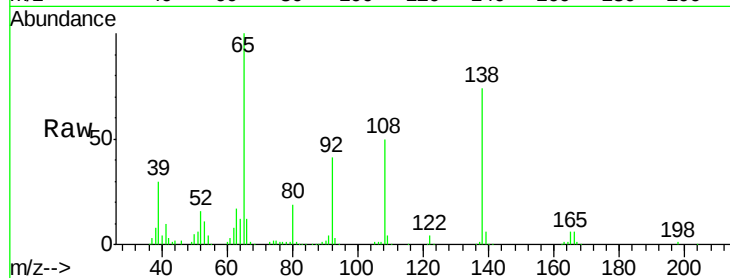
Tot Ion:138 Resp: 266153

Ion Ratio Lower Upper

138 100

92 55.5 31.7 71.7

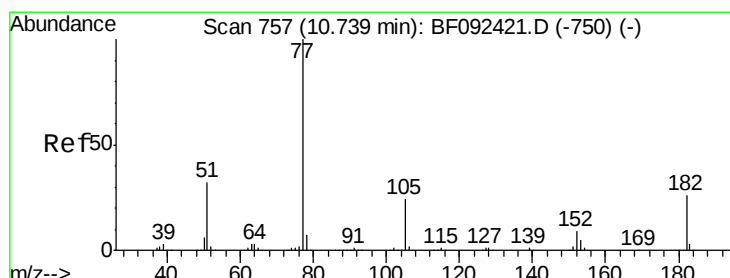
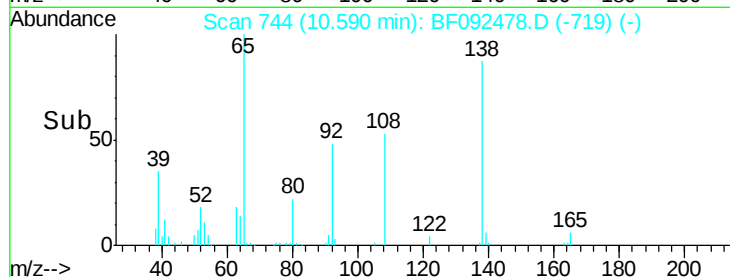
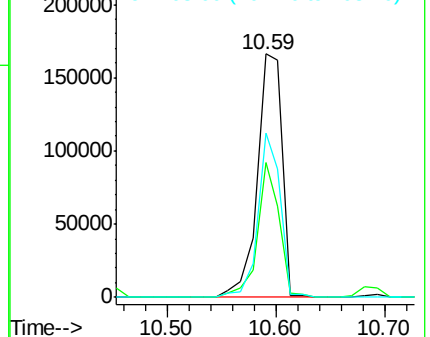
108 67.5 52.6 92.6



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

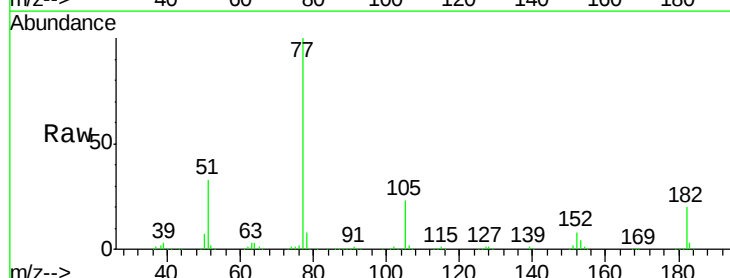
Ion Ratio Lower Upper

77 100

182 20.3 0.0 39.3

105 23.2 2.3 42.3

51 32.8 8.9 48.9

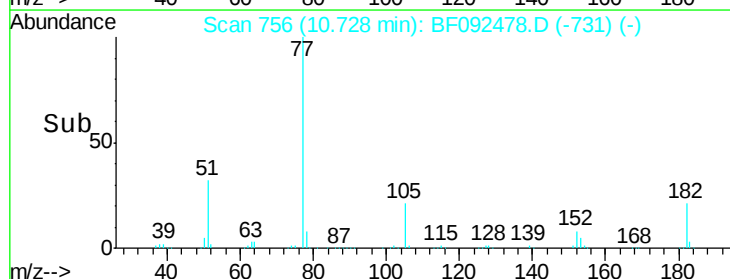
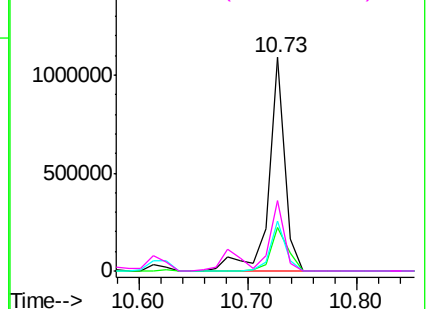


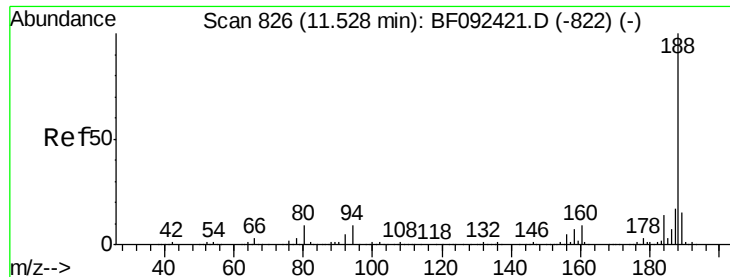
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

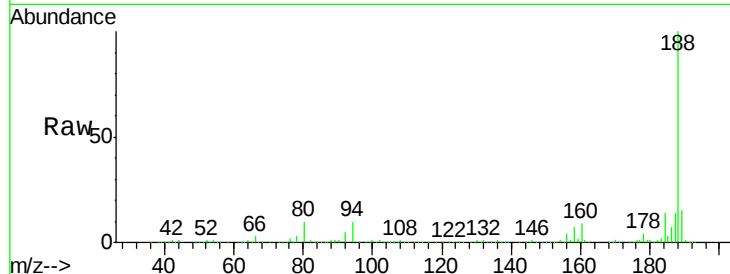




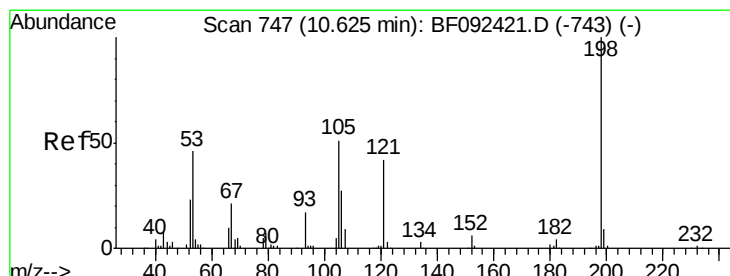
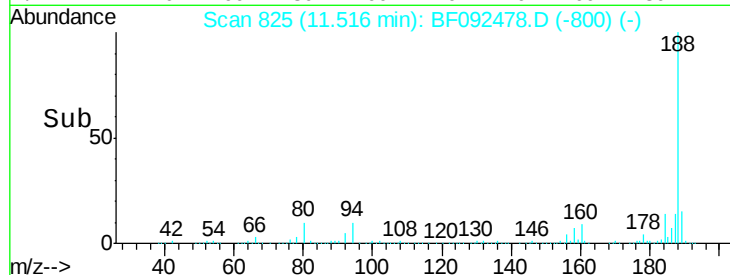
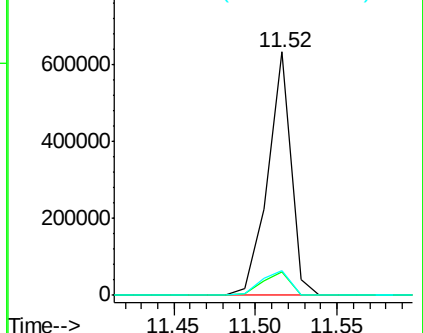
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092478.D
Acq: 25 Jan 2017 16:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 630098
Ion Ratio Lower Upper
188 100
94 9.6 10.0 15.0#
80 10.2 11.2 16.8#

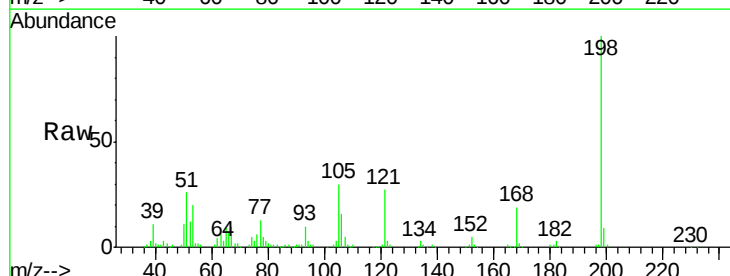


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

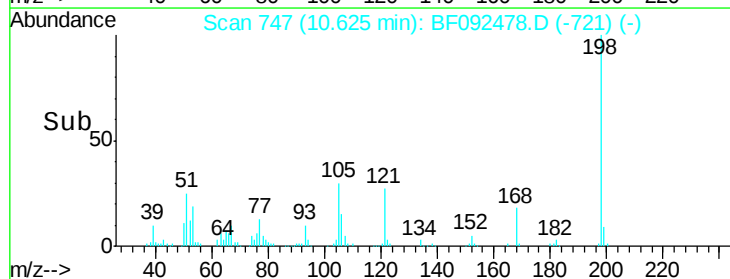
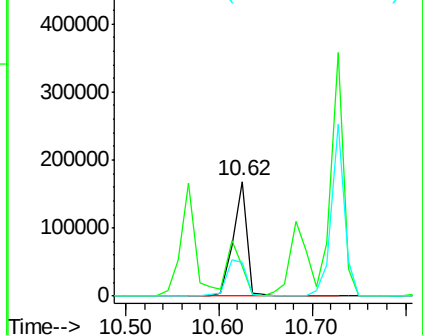


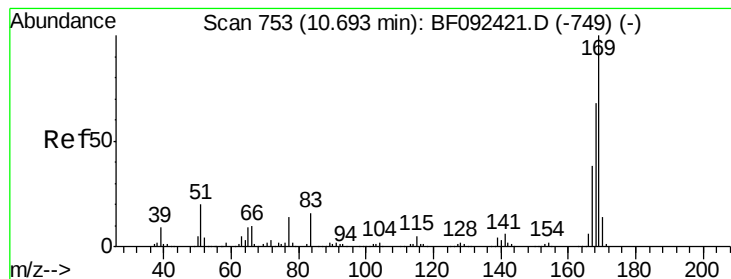
#64
4,6-Dinitro-2-methylphenol
Concen: 51.53 ng
RT: 10.62 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF092478.D
Acq: 25 Jan 2017 16:00

Tgt Ion:198 Resp: 176347
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

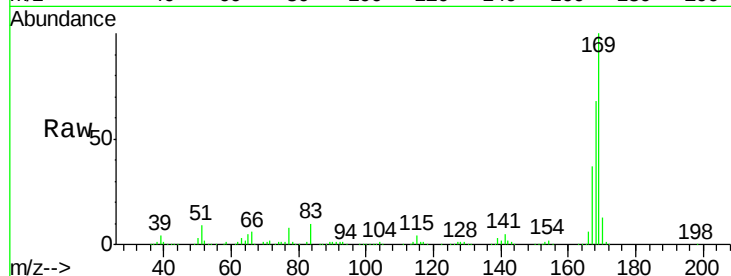




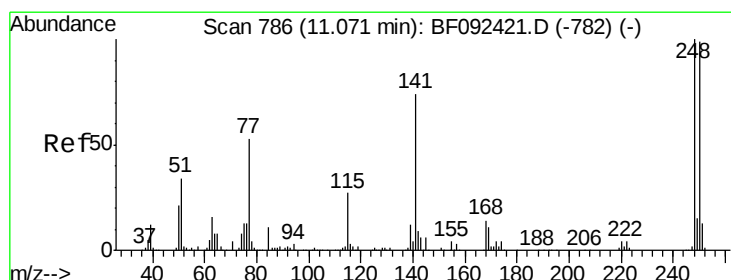
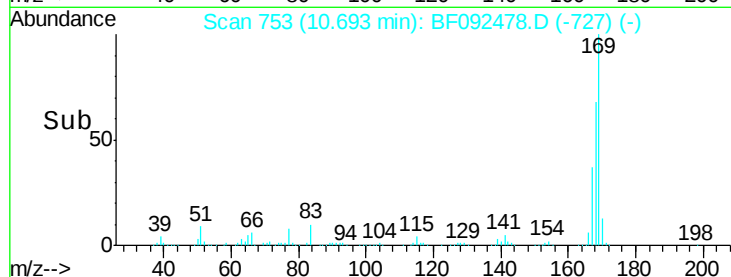
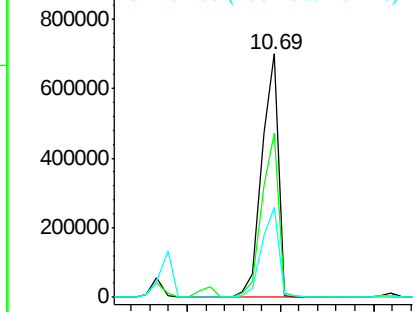
#65
 n-Nitrosodiphenylamine
 Concen: 44.21 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.00 min
 Lab File: BF092478.D
 Acq: 25 Jan 2017 16:00

Instrument :
 BNA_F
 ClientSampled :

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

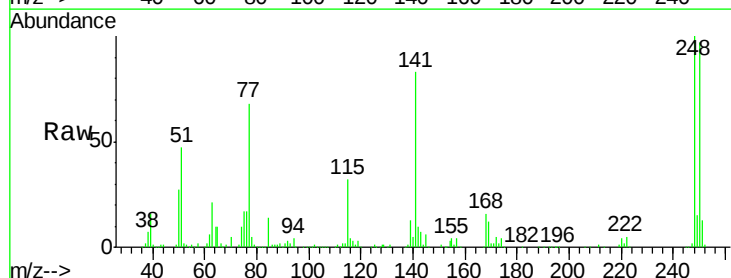


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

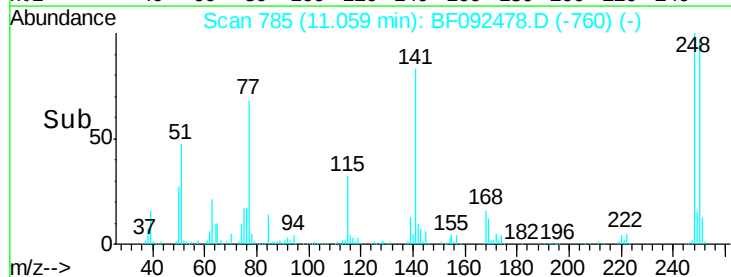
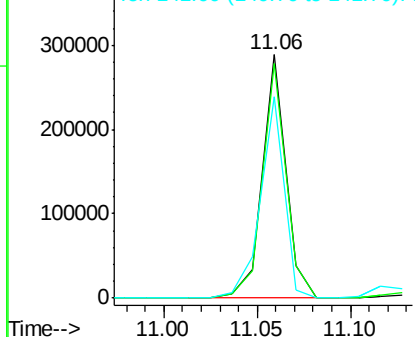


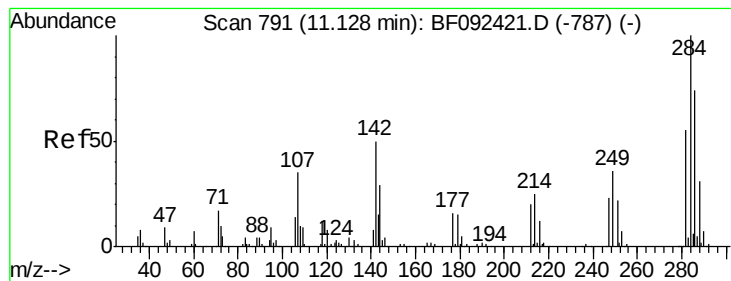
#66
 4-Bromophenyl-phenylether
 Concen: 39.55 ng
 RT: 11.06 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF092478.D
 Acq: 25 Jan 2017 16:00

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

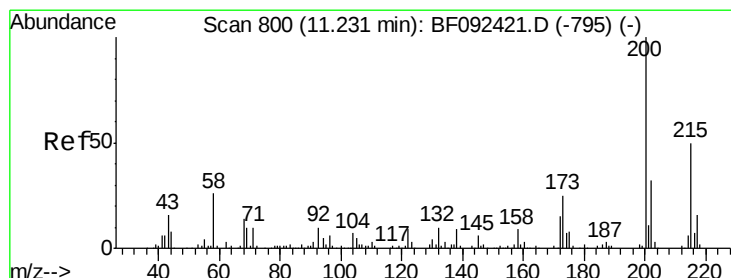
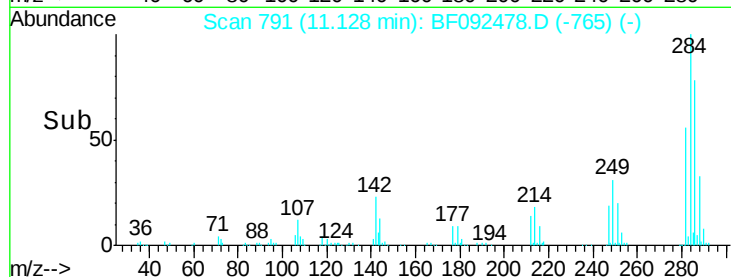
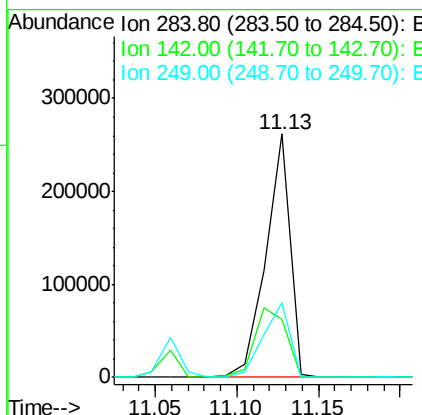
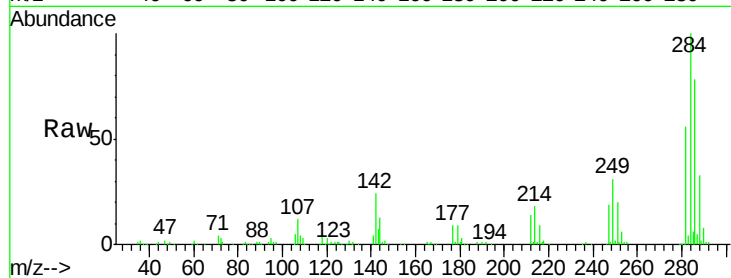




#67
Hexachlorobenzene
Concen: 42.03 ng
RT: 11.13 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF092478.D
Acq: 25 Jan 2017 16:00

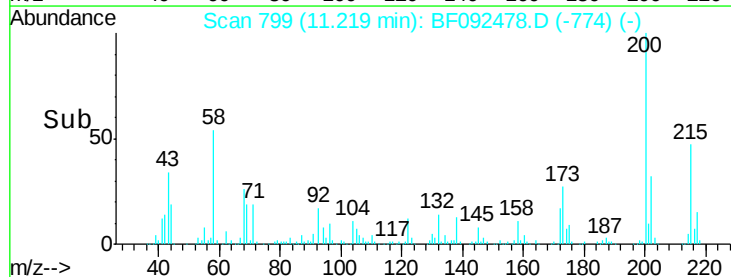
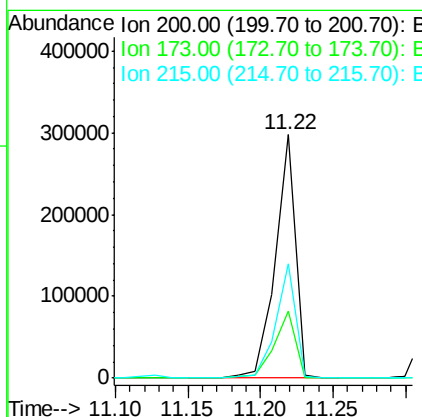
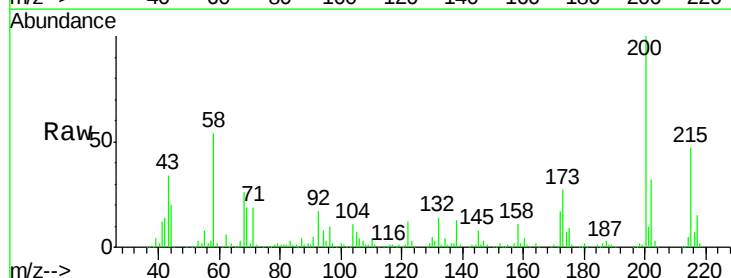
Instrument :
BNA_F
ClientSampleId :

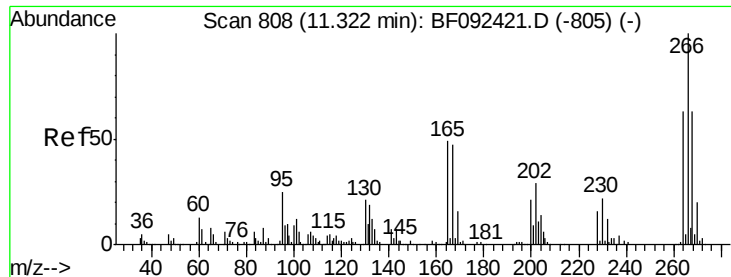
Tot Ion	Ratio	Lower	Upper
284	100		
142	23.6	22.6	33.8
249	30.7	25.4	38.0



#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

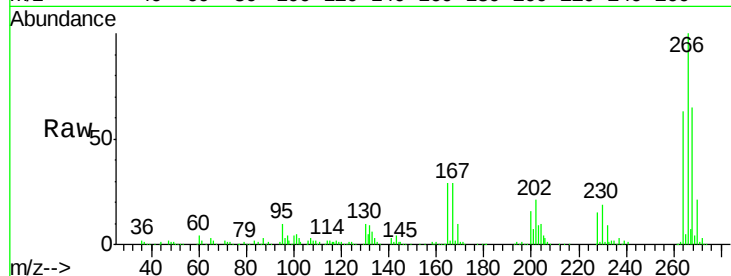




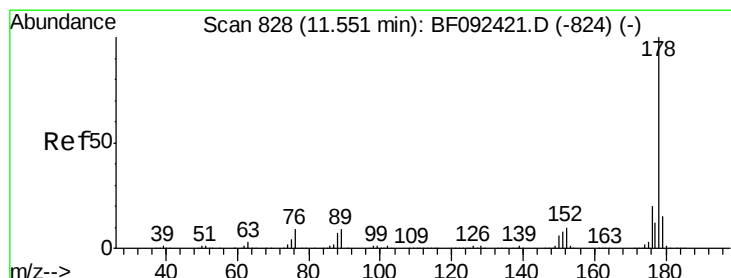
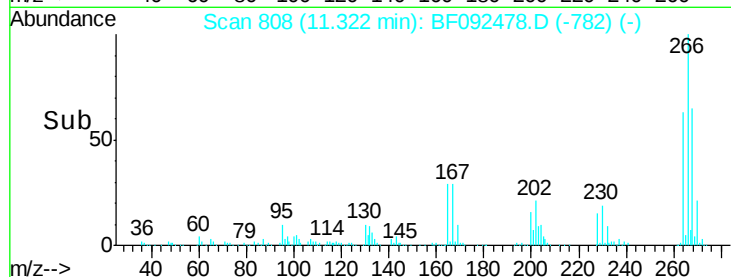
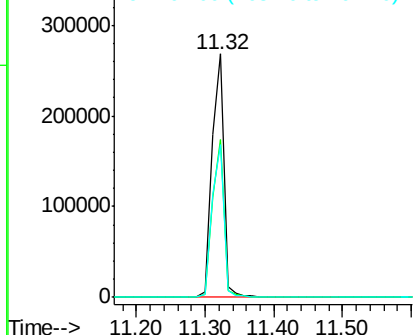
#69
 Pentachlorophenol
 Concen: 79.77 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF092478.D
 Acq: 25 Jan 2017 16:00

Instrument :
 BNA_F
 ClientSampleId :

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

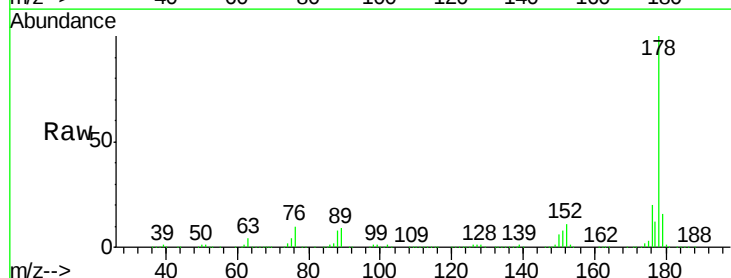


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

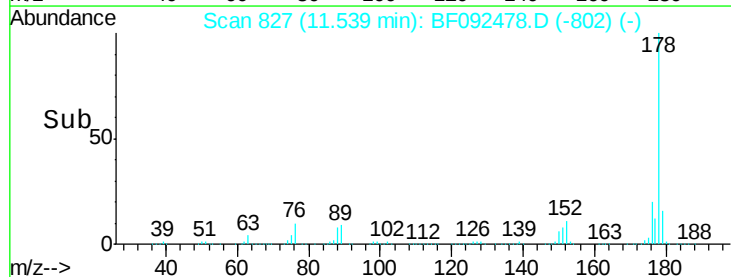
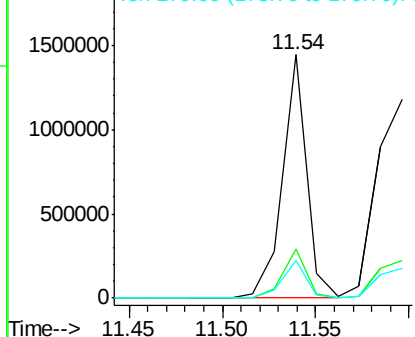


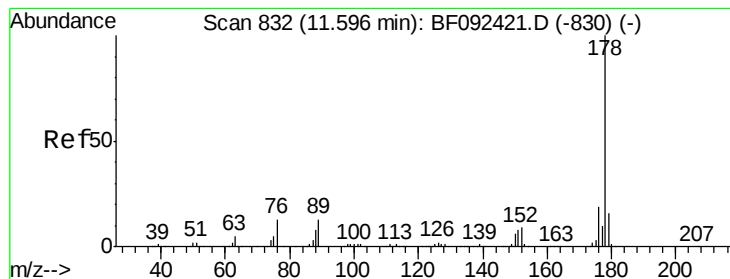
#70
 Phenanthrene
 Concen: 37.74 ng
 RT: 11.54 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF092478.D
 Acq: 25 Jan 2017 16:00

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

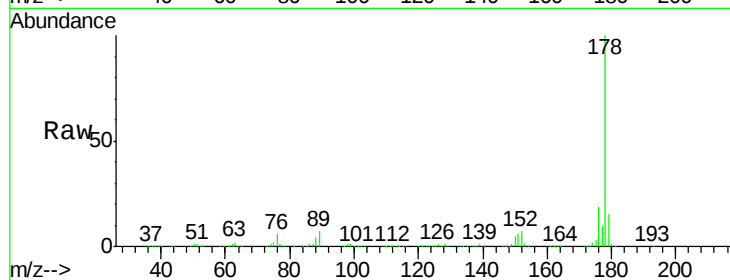
Instrument :

BNA_F

ClientSampleId :

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

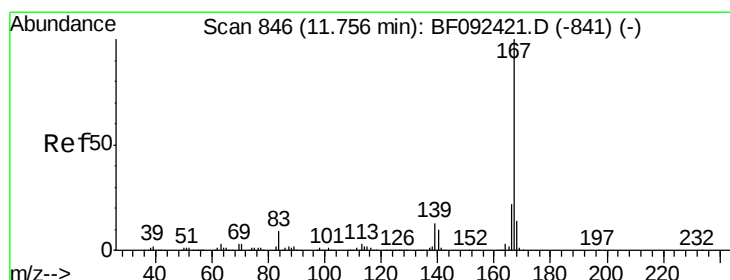
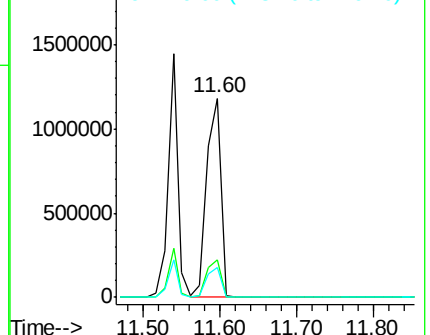
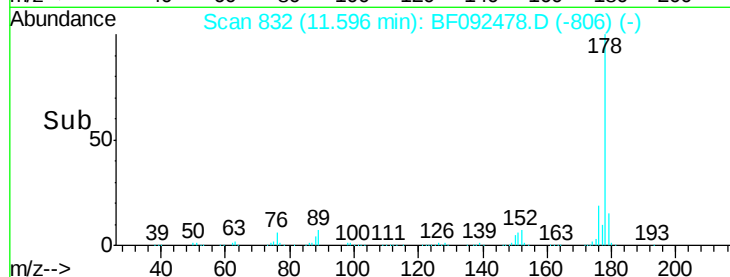


Abundance

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

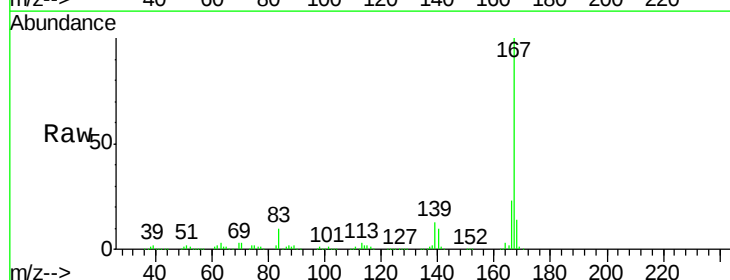
Delta R.T. -0.01 min

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

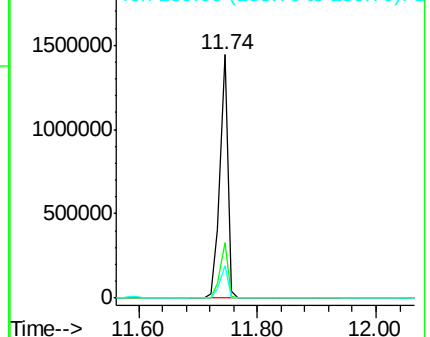
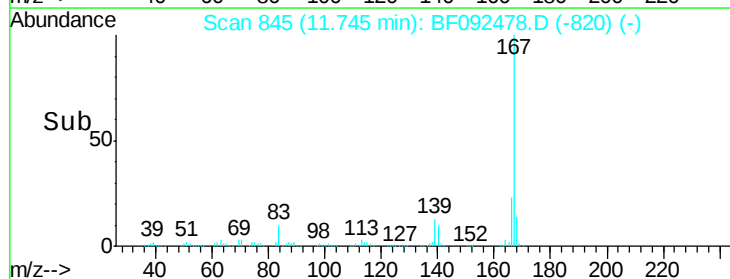


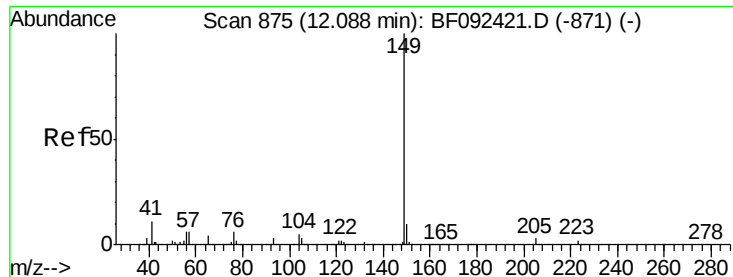
Abundance

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 :

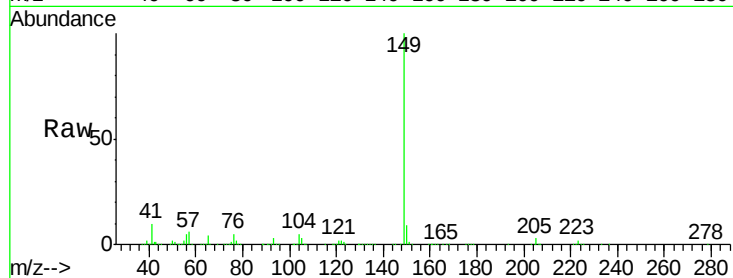
Tot Ion:149 Resp: 1469100

Ion Ratio Lower Upper

149 100

150 9.5 8.1 12.1

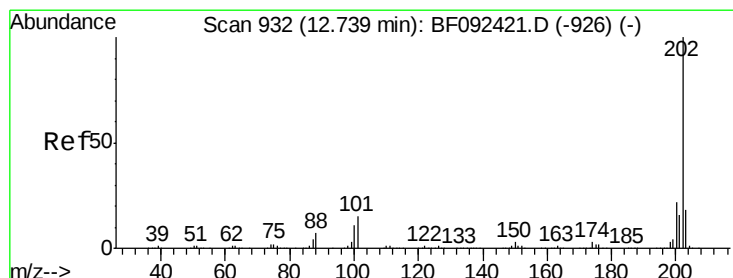
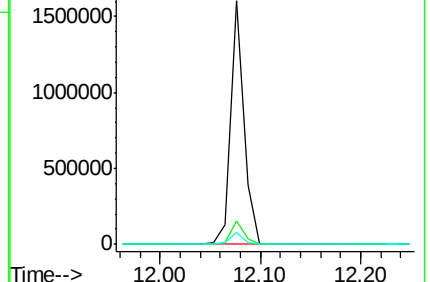
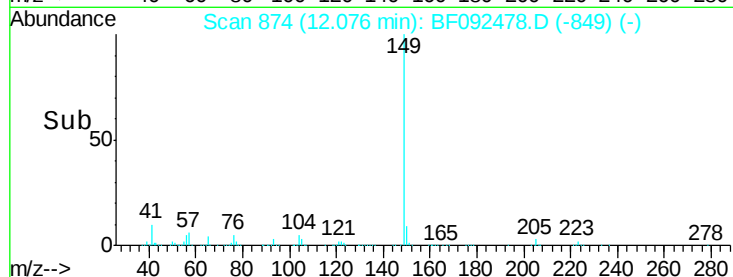
104 4.8 4.6 7.0



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

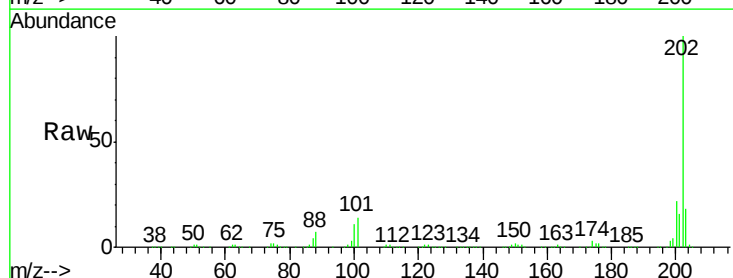
Tgt Ion:202 Resp: 1348776

Ion Ratio Lower Upper

202 100

101 14.2 0.0 34.6

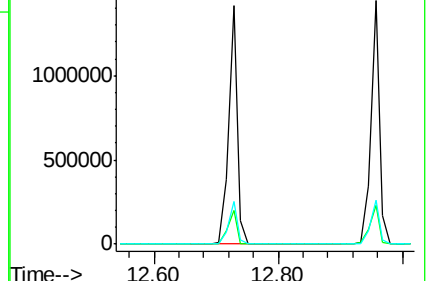
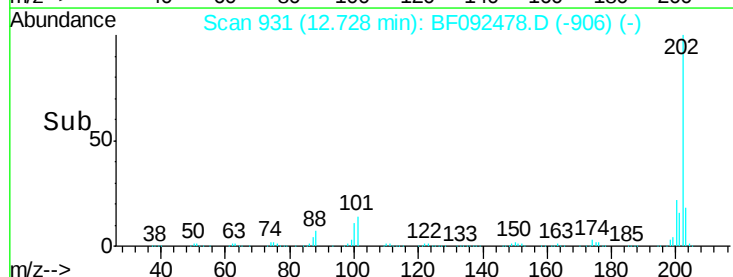
203 17.9 0.0 38.7

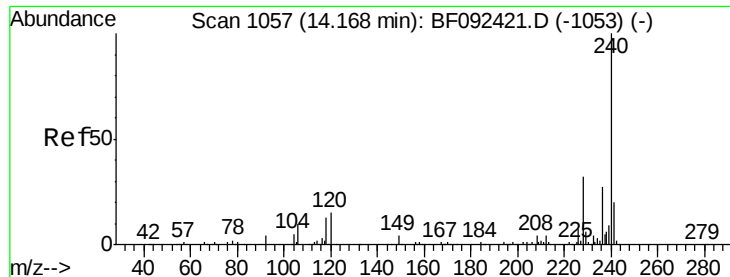


Abundance Ion 202.00 (201.70 to 202.70): E

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 :

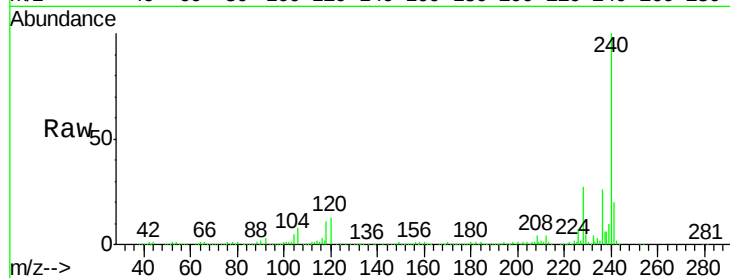
Tot Ion:240 Resp: 518831

Ion Ratio Lower Upper

240 100

120 12.7 12.9 19.3#

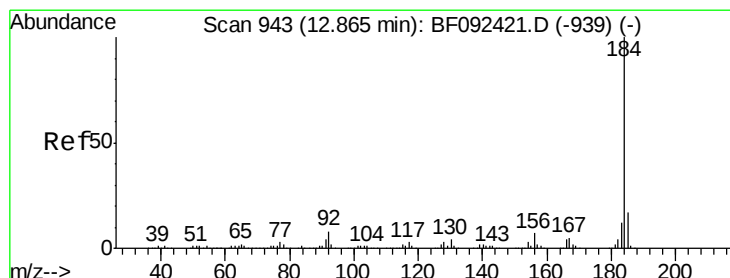
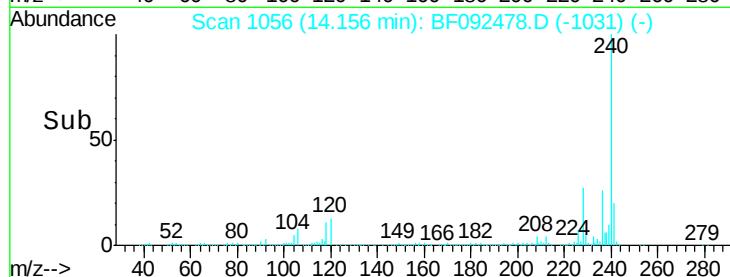
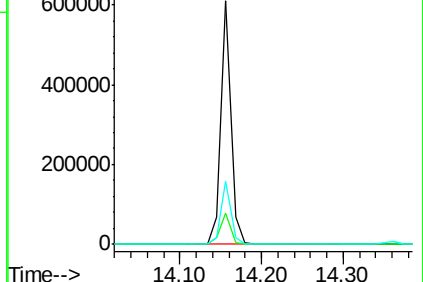
236 25.9 20.9 31.3



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

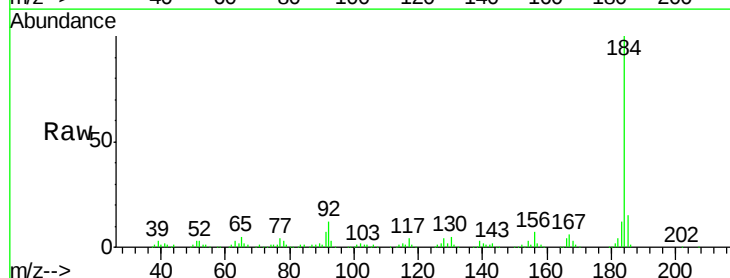
Tgt Ion:184 Resp: 462864

Ion Ratio Lower Upper

184 100

185 15.4 13.4 20.0

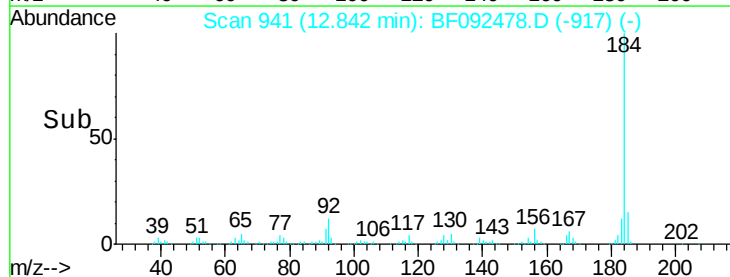
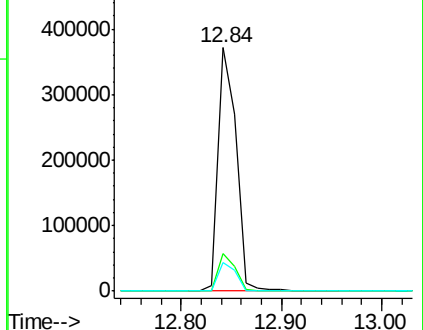
183 11.5 9.2 13.8

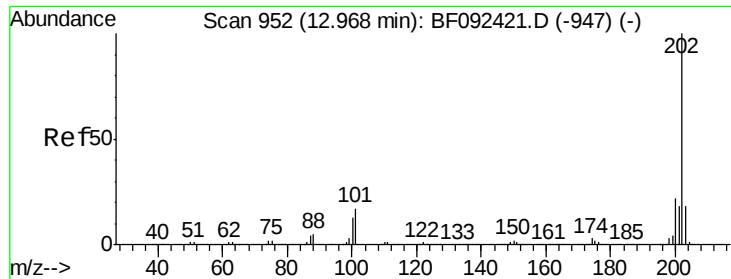


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

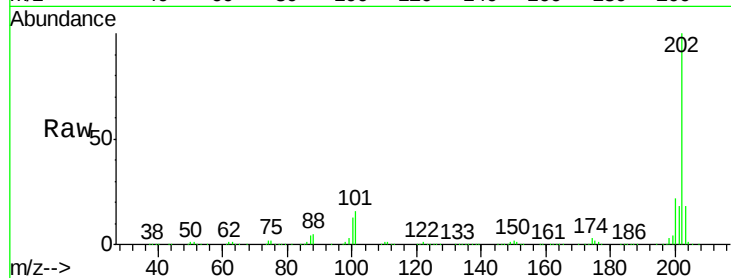




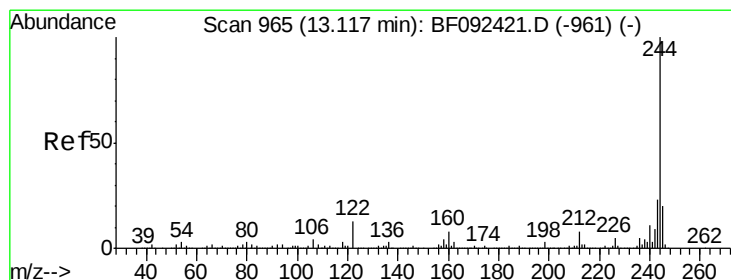
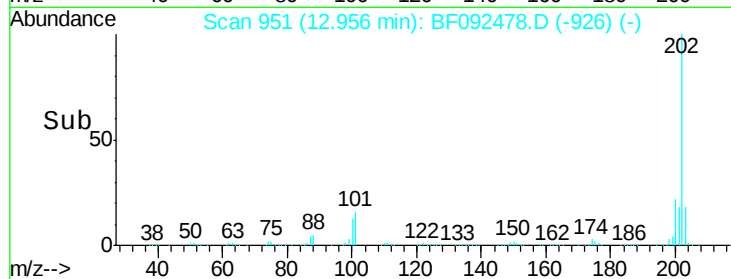
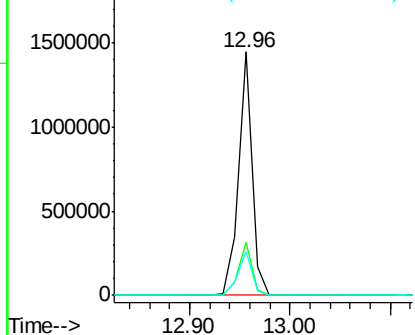
#77
Pvrene
Concen: 36.21 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF092478.D
Acq: 25 Jan 2017 16:00

Instrument :
BNA_F
ClientSampleId :

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

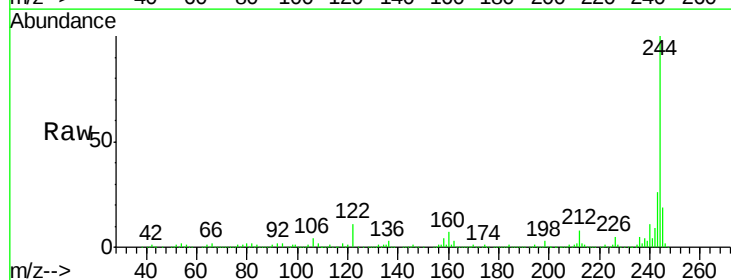


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

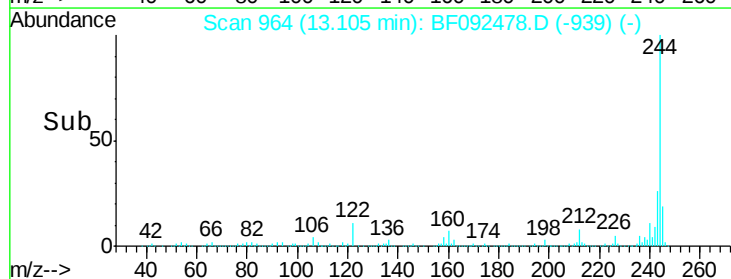
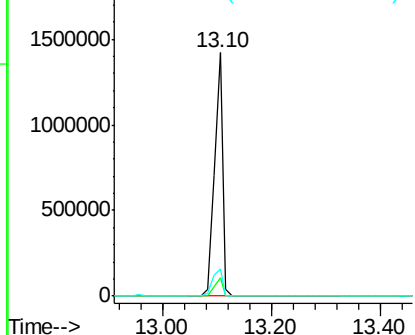


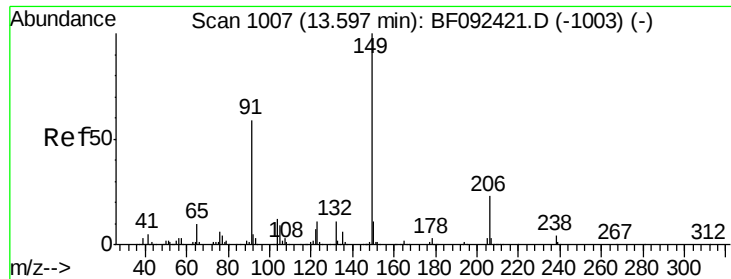
#78
Terphenyl-d14
Concen: 78.20 ng
RT: 13.10 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF092478.D
Acq: 25 Jan 2017 16:00

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

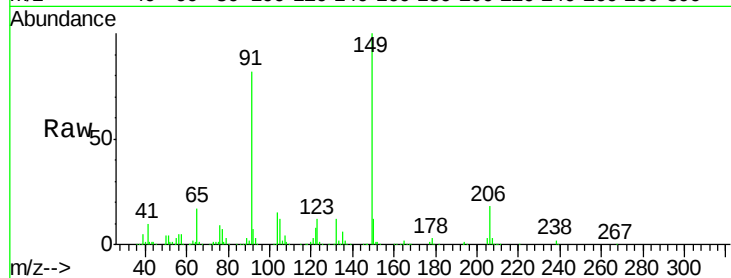




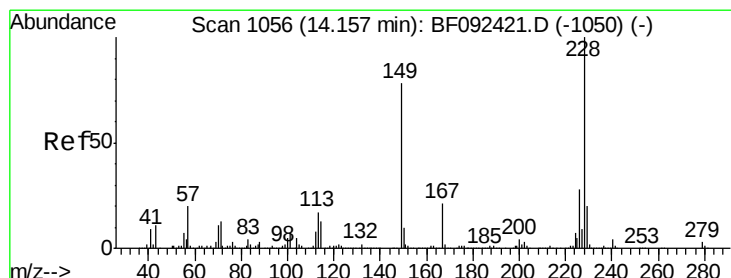
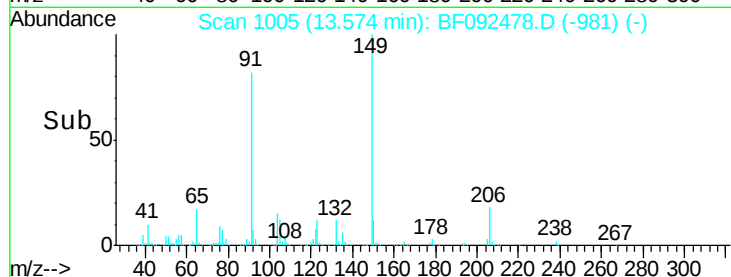
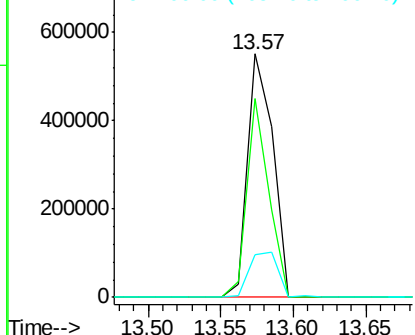
#79
Butylbenzylphthalate
Concen: 43.81 ng
RT: 13.57 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BF092478.D
Acq: 25 Jan 2017 16:00

Instrument :
BNA_F
ClientSampleId :

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

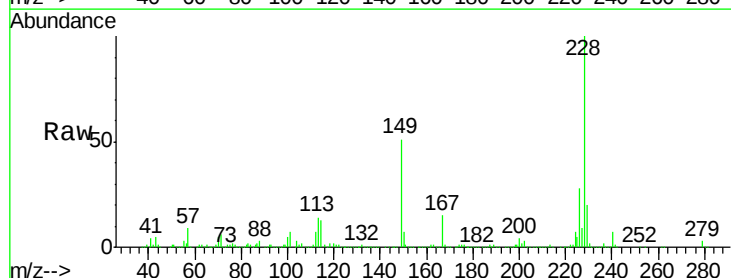


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

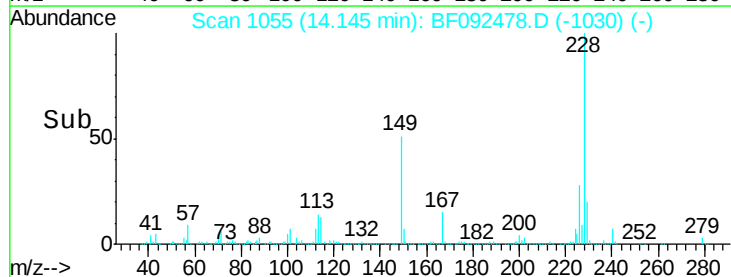
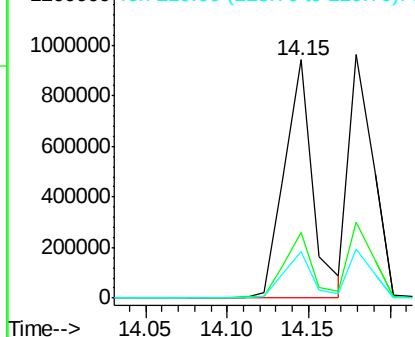


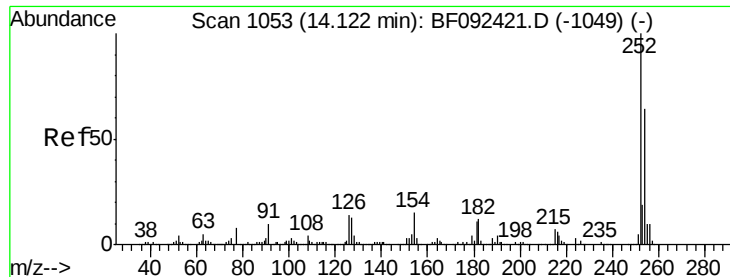
#80
Benzo(a)anthracene
Concen: 40.95 ng
RT: 14.15 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF092478.D
Acq: 25 Jan 2017 16:00

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



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





#81

3,3'-Dichlorobenzidine

Concen: 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 :

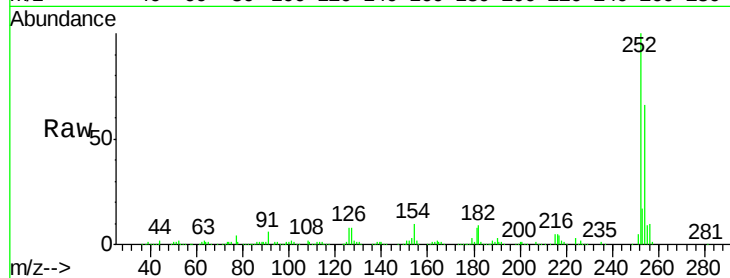
Tot Ion:252 Resp: 244887

Ion Ratio Lower Upper

252 100

254 66.3 52.3 78.5

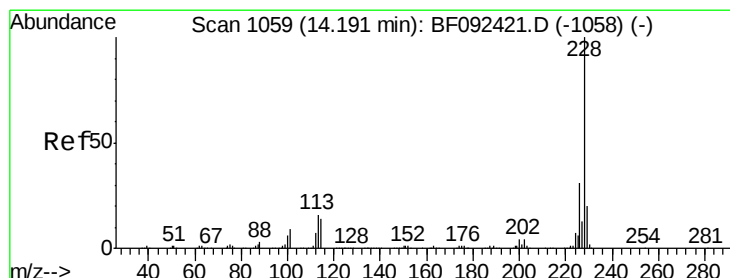
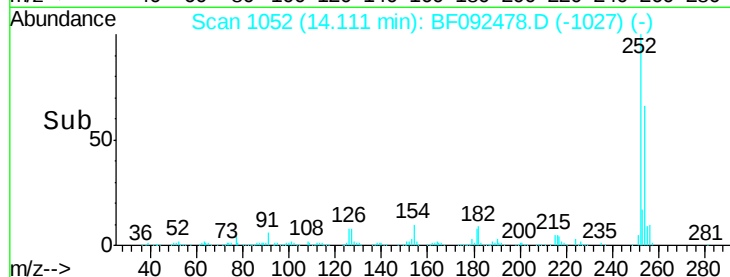
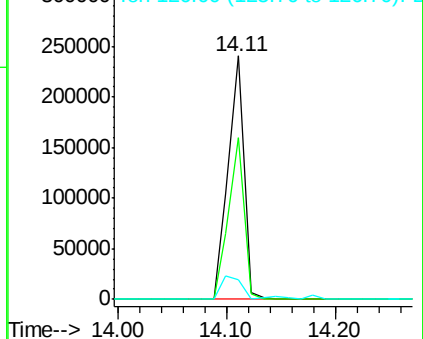
126 8.0 13.6 20.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 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

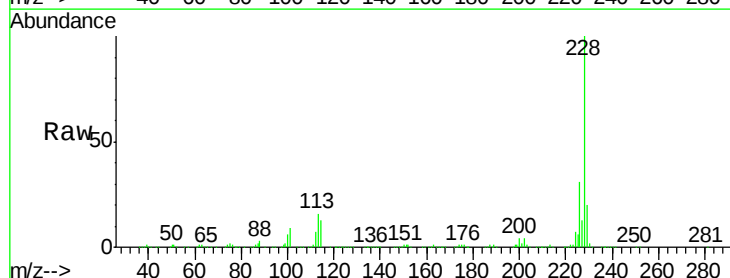
Tgt Ion:228 Resp: 1017474

Ion Ratio Lower Upper

228 100

226 31.1 25.4 38.0

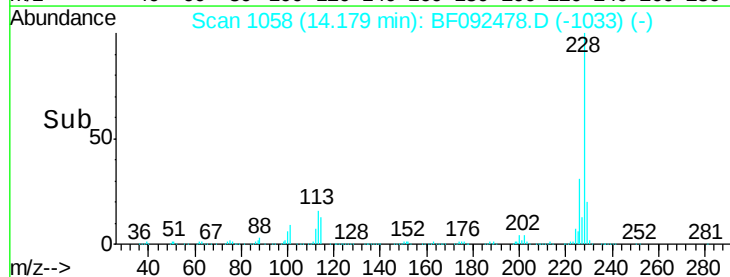
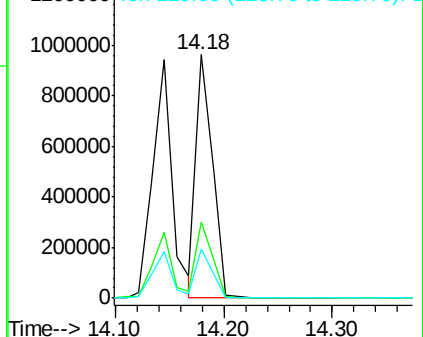
229 20.1 16.2 24.2

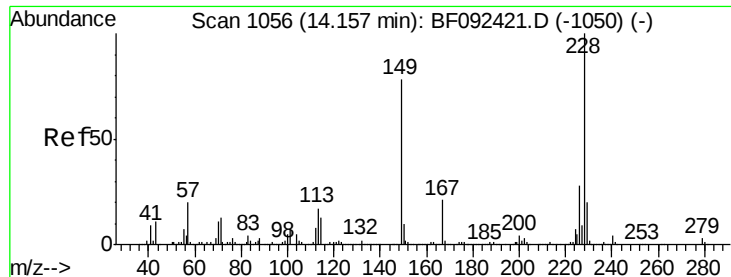


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

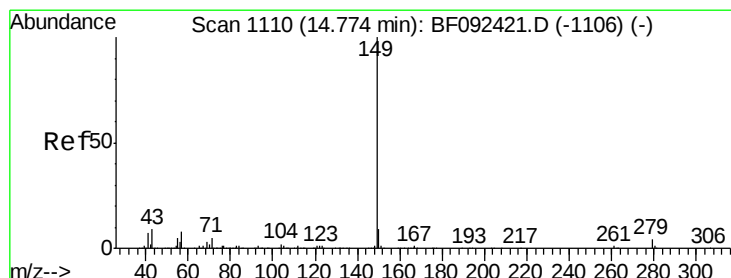
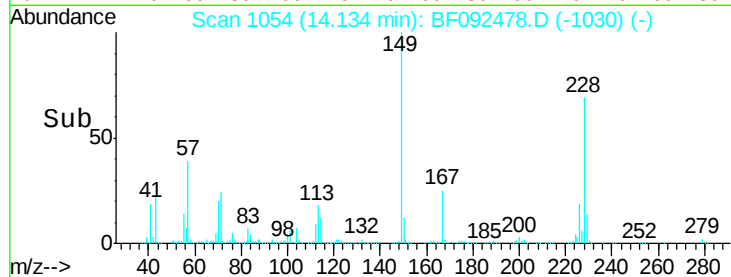
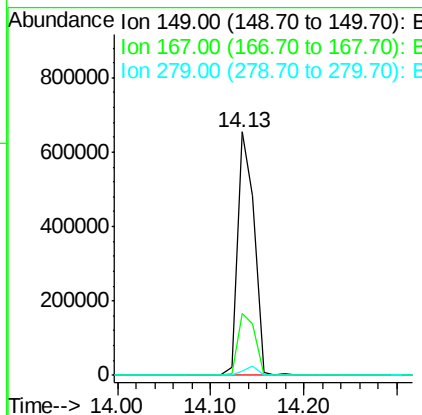
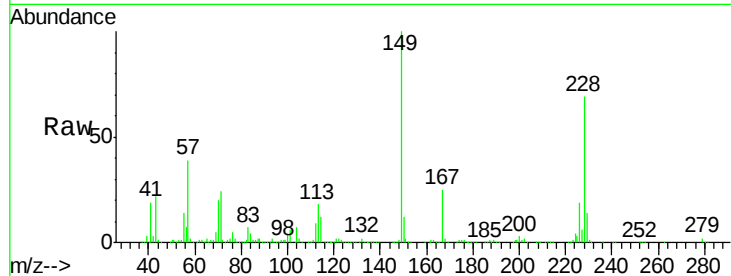




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.97 ng
 RT: 14.13 min Scan# 1054
 Delta R.T. -0.02 min
 Lab File: BF092478.D
 Acq: 25 Jan 2017 16:00

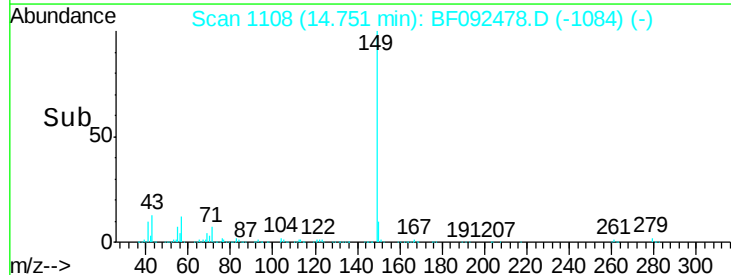
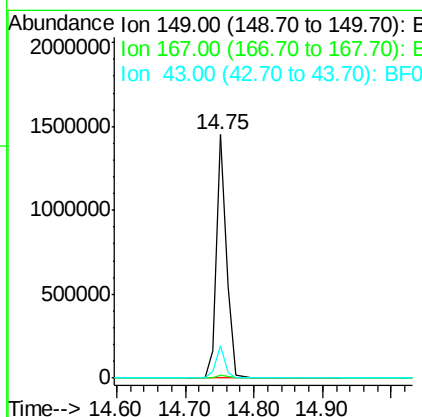
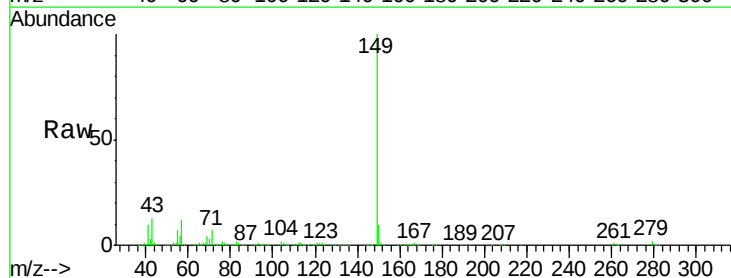
Instrument :
 BNA_F
 ClientSampleId :

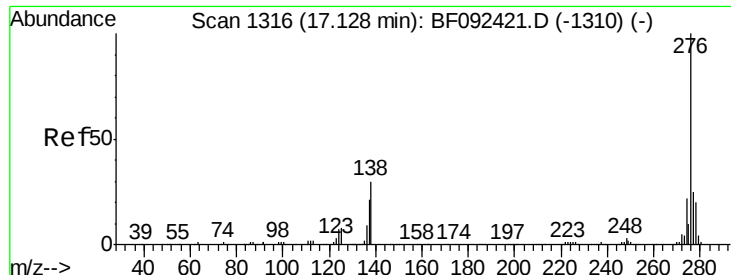
Tot Ion:149 Resp: 804967
 Ion Ratio Lower Upper
 149 100
 167 25.3 20.2 30.4
 279 2.0 1.8 2.8



#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

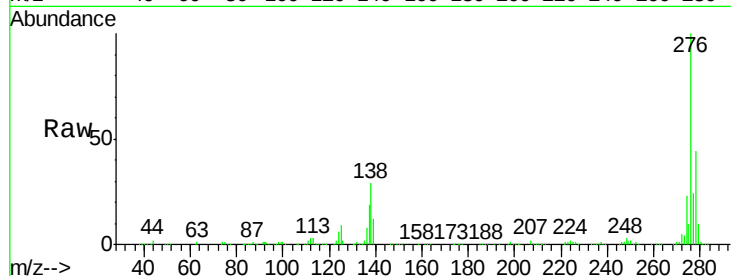




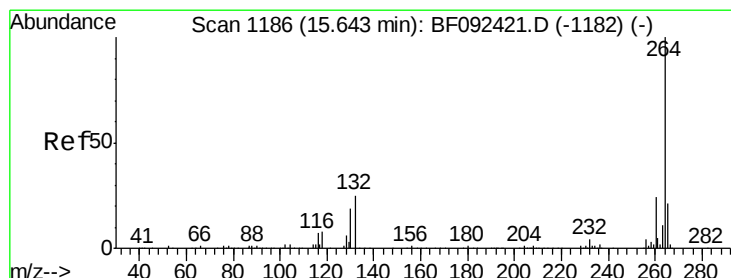
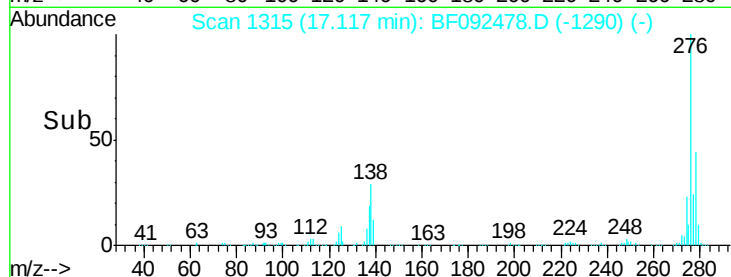
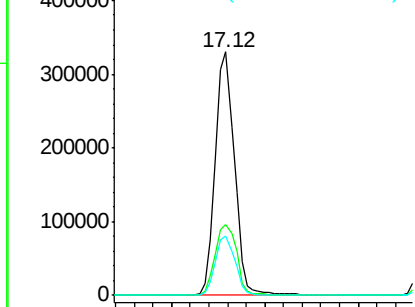
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.01 ng
RT: 17.12 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF092478.D
Acq: 25 Jan 2017 16:00

Instrument :
BNA_F
ClientSampleId :

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

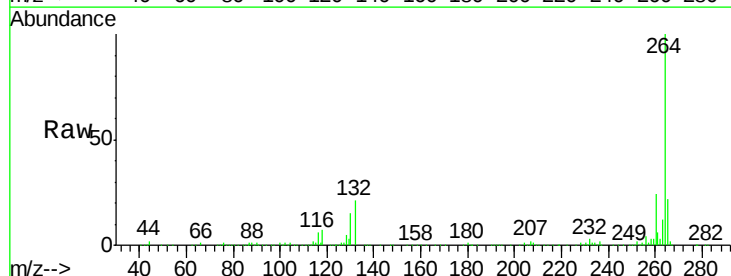


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

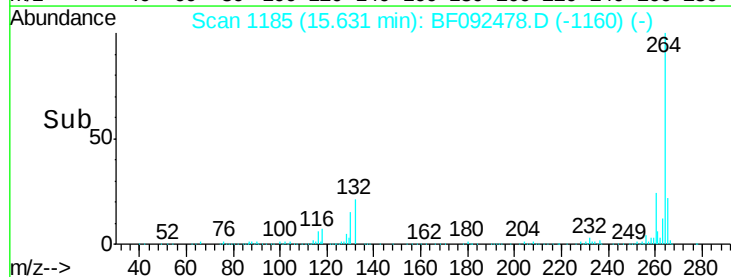
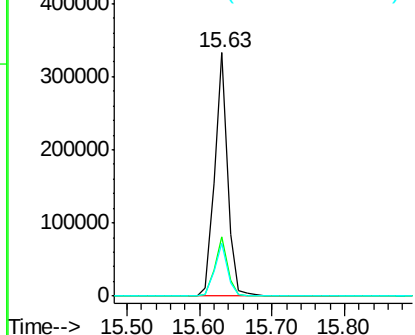


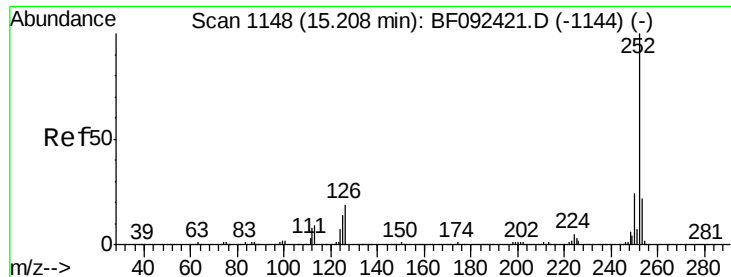
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.63 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF092478.D
Acq: 25 Jan 2017 16:00

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



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

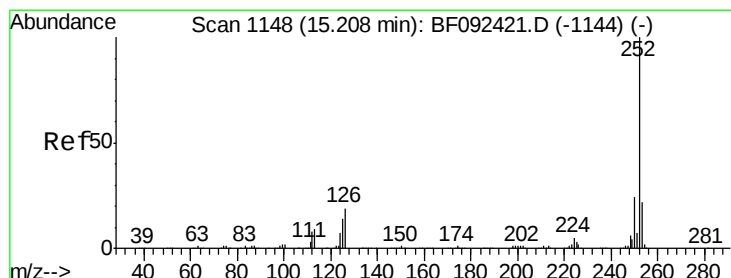
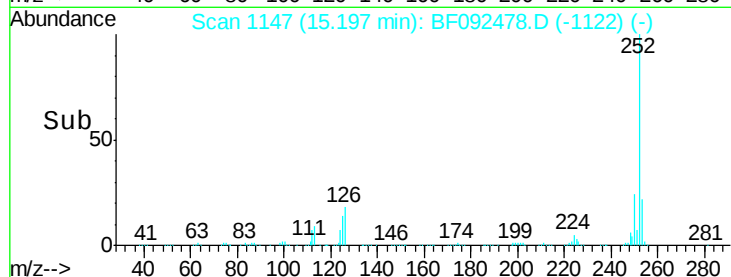
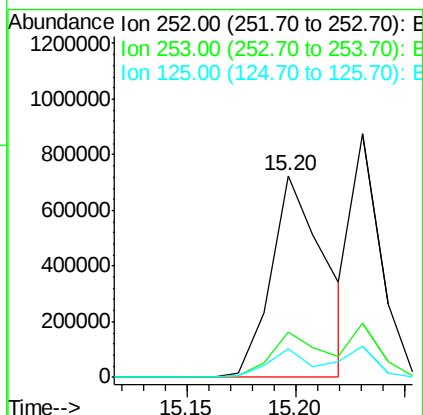
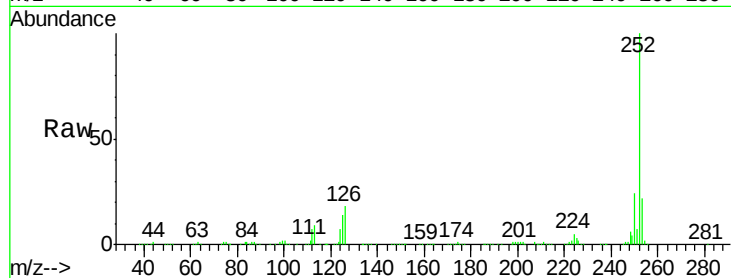




#87
Benzo(b)fluoranthene
Concen: 47.34 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF092478.D
Acq: 25 Jan 2017 16:00

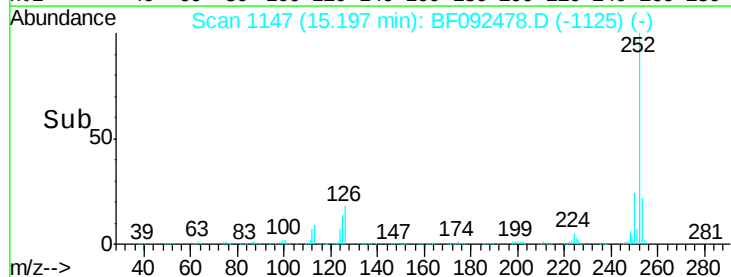
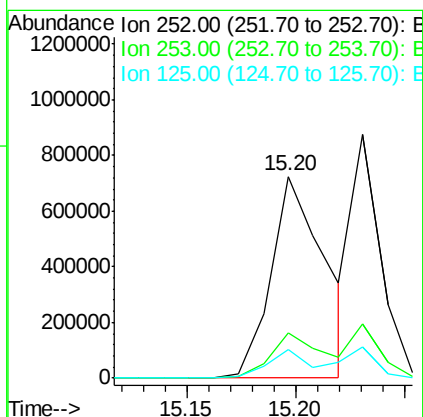
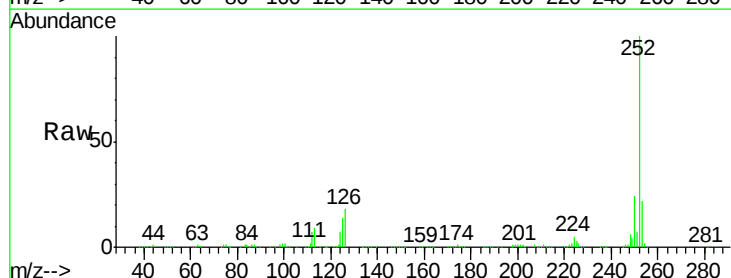
Instrument :
BNA_F
ClientSampled :

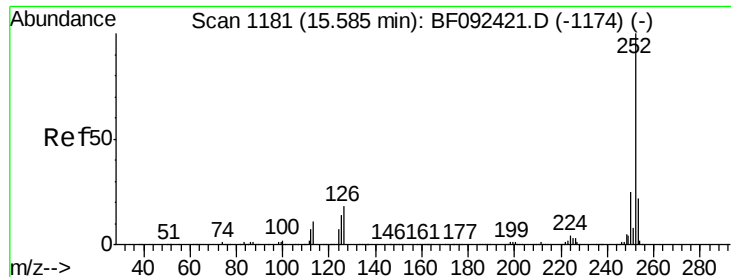
Tot Ion:252 Resp: 1250831
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 13.9 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 56.93 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.05 min
Lab File: BF092478.D
Acq: 25 Jan 2017 16:00

Tgt Ion:252 Resp: 1250831
Ion Ratio Lower Upper
252 100
253 22.5 18.5 27.7
125 13.9 8.9 13.3#

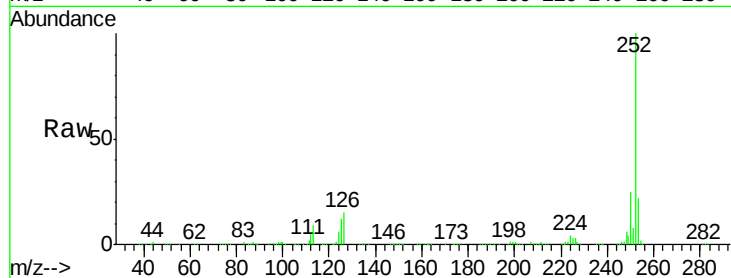




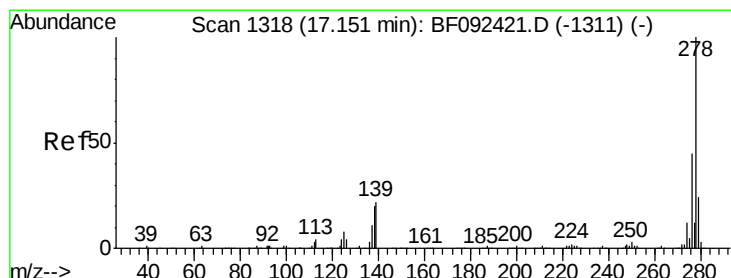
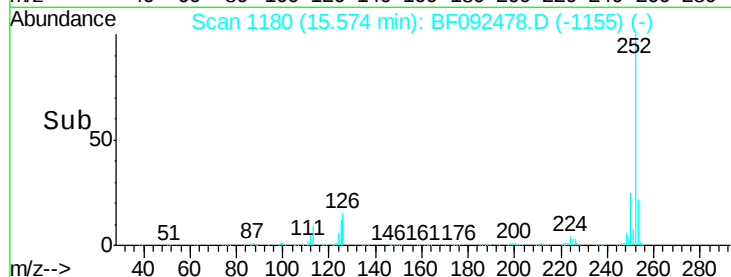
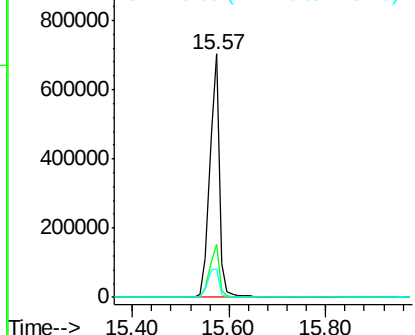
#89
Benzo(a)pyrene
Concen: 44.16 ng
RT: 15.57 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF092478.D
Acq: 25 Jan 2017 16:00

Instrument :
BNA_F
ClientSampleId :

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

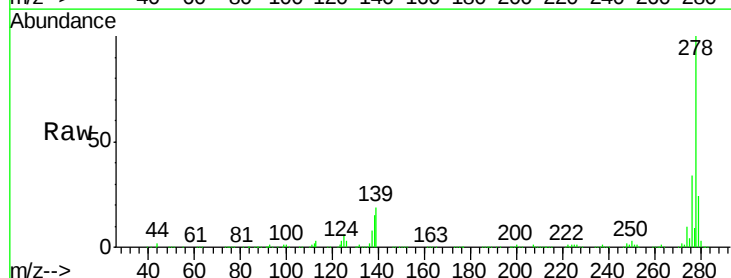


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

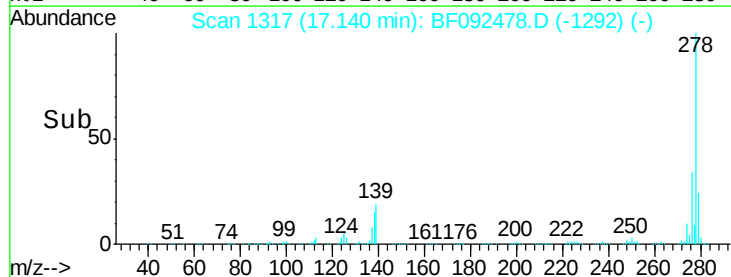
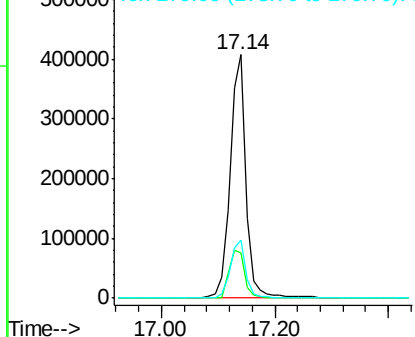


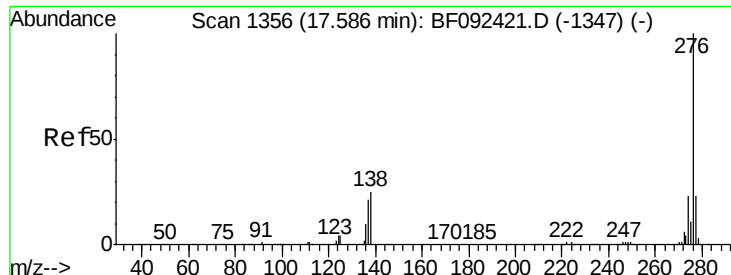
#90
Dibenzo(a,h)anthracene
Concen: 44.11 ng
RT: 17.14 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF092478.D
Acq: 25 Jan 2017 16:00

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 :

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#

