

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
 Data File : BF092483.D
 Acq On : 25 Jan 2017 18:17
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 26 09:54:08 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	177972	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	713945	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	405684	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	639604	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	534509	20.00	ng	-0.01
86) Perylene-d12	15.63	264	422362	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	883484	77.23	ng	0.00
7) Phenol-d6	6.59	99	1103015	75.70	ng	0.00
23) Nitrobenzene-d5	7.54	82	1070423	81.90	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	234911	84.97	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1657038	75.53	ng	-0.01
78) Terphenyl-d14	13.11	244	1546952	77.07	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.62	88	230529	37.89	ng	# 82
3) Pyridine	3.38	79	649176	37.48	ng	85
4) n-Nitrosodimethylamine	3.33	42	311273	36.63	ng	80
6) Aniline	6.62	93	851809	39.19	ng	# 47
8) 2-Chlorophenol	6.75	128	482037	40.12	ng	98
9) Benzaldehyde	6.51	77	374262	36.20	ng	92
10) Phenol	6.60	94	702016	39.92	ng	# 72
11) bis(2-Chloroethyl)ether	6.70	93	547336	41.60	ng	98
12) 1,3-Dichlorobenzene	6.91	146	581081	40.89	ng	95
13) 1,4-Dichlorobenzene	6.99	146	592155	41.40	ng	94
14) 1,2-Dichlorobenzene	7.14	146	501778	36.98	ng	98
15) Benzyl Alcohol	7.10	79	408329	37.19	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.25	45	1000382	38.43	ng	93
17) 2-Methylphenol	7.22	107	400937	39.05	ng	97
18) Hexachloroethane	7.49	117	201481	40.90	ng	# 87
19) n-Nitroso-di-n-propylamine	7.39	70	380228	38.32	ng	94
20) 3+4-Methylphenols	7.38	107	514424	41.30	ng	91
22) Acetophenone	7.38	105	662967	38.99	ng	# 85
24) Nitrobenzene	7.56	77	562245	41.06	ng	# 84
25) Isophorone	7.80	82	1012622	39.32	ng	97
26) 2-Nitrophenol	7.87	139	246263	42.92	ng	91
27) 2,4-Dimethylphenol	7.90	122	451913	37.87	ng	99
28) bis(2-Chloroethoxy)methane	8.01	93	597440	35.34	ng	99
29) 2,4-Dichlorophenol	8.11	162	400456	38.71	ng	88
30) 1,2,4-Trichlorobenzene	8.20	180	444211	39.73	ng	96
31) Naphthalene	8.28	128	1364881	37.35	ng	99
32) Benzoic acid	8.03	122	324985	37.57	ng	97
33) 4-Chloroaniline	8.33	127	558287	36.12	ng	# 94
34) Hexachlorobutadiene	8.41	225	257076	42.03	ng	98
35) Caprolactam	8.72	113	133427	38.62	ng	# 36
36) 4-Chloro-3-methylphenol	8.81	107	452137	40.53	ng	93
37) 2-Methylnaphthalene	8.98	142	883924	38.21	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	434495	42.46	ng	99
40) Hexachlorocyclopentadiene	9.14	237	216490	42.24	ng	97

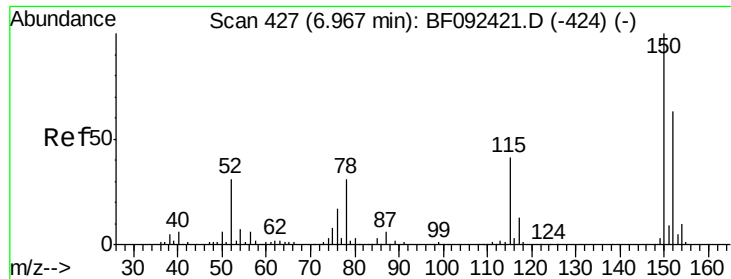
Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
 Data File : BF092483.D
 Acq On : 25 Jan 2017 18:17
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
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Quant Time: Jan 26 09:54:08 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)
42) 2,4,6-Trichlorophenol	9.25	196	311112	39.68	nq	92
43) 2,4,5-Trichlorophenol	9.30	196	297002	41.40	nq	# 85
45) 1,1'-Biphenyl	9.45	154	1017290	34.69	nq	96
46) 2-Chloronaphthalene	9.47	162	853234	35.62	nq	95
47) 2-Nitroaniline	9.56	65	291091	36.09	nq	94
48) Acenaphthylene	9.89	152	1467858	41.78	nq	98
49) Dimethylphthalate	9.76	163	1058323	41.02	nq	100
50) 2,6-Dinitrotoluene	9.81	165	242677	46.02	nq	93
51) Acenaphthene	10.06	154	867689	39.75	nq	96
52) 3-Nitroaniline	9.98	138	290799	44.03	nq	# 71
53) 2,4-Dinitrophenol	10.08	184	100885	41.82	nq	# 33
54) Dibenzofuran	10.24	168	1197257	40.39	nq	94
55) 4-Nitrophenol	10.13	139	212120	40.44	nq	# 62
56) 2,4-Dinitrotoluene	10.21	165	310978	44.43	nq	87
57) Fluorene	10.58	166	926176	42.14	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.35	232	229633	42.72	nq	96
59) Diethylphthalate	10.45	149	998095	40.35	nq	96
60) 4-Chlorophenyl-phenylether	10.57	204	390670	36.65	nq	93
61) 4-Nitroaniline	10.59	138	262820	39.79	nq	94
62) Azobenzene	10.73	77	1035013	36.77	nq	96
64) 4,6-Dinitro-2-methylphenol	10.62	198	165960	48.14	nq	87
65) n-Nitrosodiphenylamine	10.69	169	813479	40.73	nq	99
66) 4-Bromophenyl-phenylether	11.06	248	247956	38.40	nq	98
67) Hexachlorobenzene	11.13	284	271826	41.64	nq	# 90
68) Atrazine	11.22	200	292345	42.76	nq	94
69) Pentachlorophenol	11.31	266	167083	40.03	nq	97
70) Phenanthrene	11.54	178	1319402	37.46	nq	99
71) Anthracene	11.60	178	1391402	40.42	nq	97
72) Carbazole	11.74	167	1291357	39.29	nq	99
73) Di-n-butylphthalate	12.08	149	1411420	37.56	nq	98
74) Fluoranthene	12.73	202	1400305	40.64	nq	97
76) Benzidine	12.84	184	794011	40.02	nq	97
77) Pyrene	12.96	202	1392930	35.97	nq	99
79) Butylbenzylphthalate	13.57	149	593702	37.84	nq	98
80) Benzo(a)anthracene	14.15	228	1085685	37.79	nq	99
81) 3,3'-Dichlorobenzidine	14.11	252	446215	40.91	nq	# 96
82) Chrysene	14.18	228	1040558	33.92	nq	100
83) Bis(2-ethylhexyl)phthalate	14.13	149	768949	38.92	nq	99
84) Di-n-octyl phthalate	14.75	149	1489886	41.53	nq	97
85) Indeno(1,2,3-cd)pyrene	17.11	276	871476	38.40	nq	# 94
87) Benzo(b)fluoranthene	15.20	252	1001127	36.92	nq	99
88) Benzo(k)fluoranthene	15.20	252	1001127	44.40	nq	98
89) Benzo(a)pyrene	15.56	252	925036	40.33	nq	# 96
90) Dibenzo(a,h)anthracene	17.13	278	764783	41.23	nq	96
91) Benzo(g,h,i)perylene	17.56	276	753209	40.15	nq	# 94

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

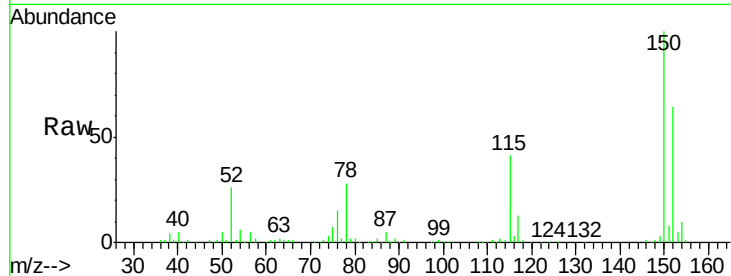


#1

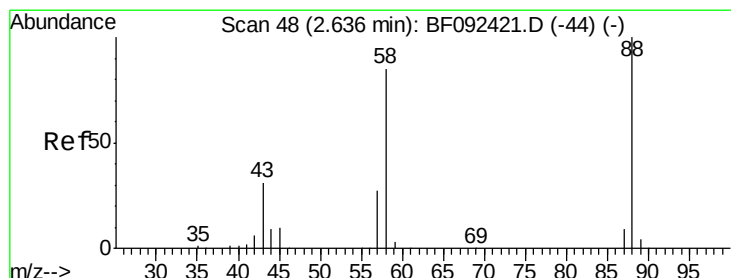
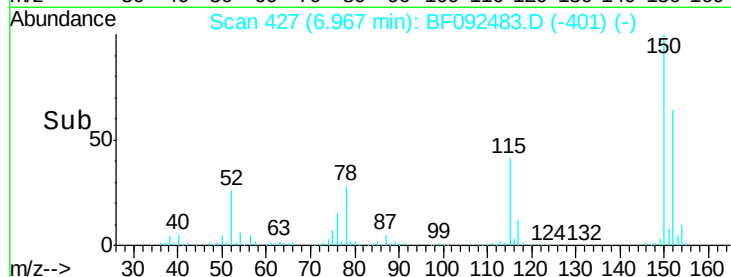
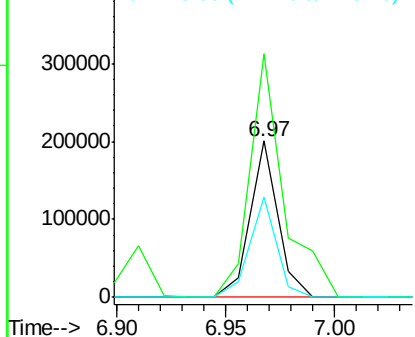
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF092483.D
Acq: 25 Jan 2017 18:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 177972
Ion Ratio Lower Upper
152 100
150 156.0 124.9 187.3
115 64.2 46.0 69.0



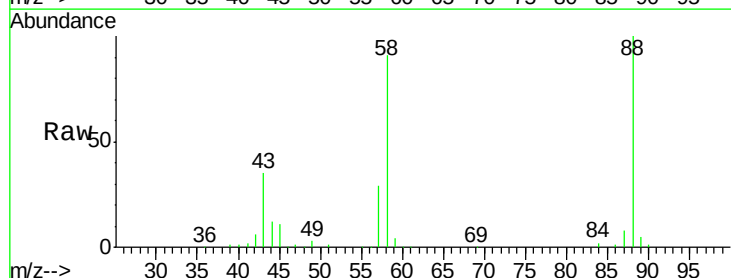
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



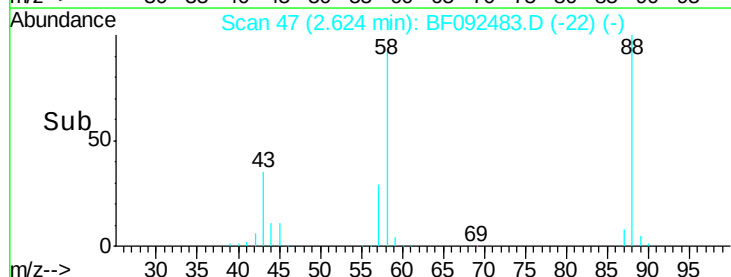
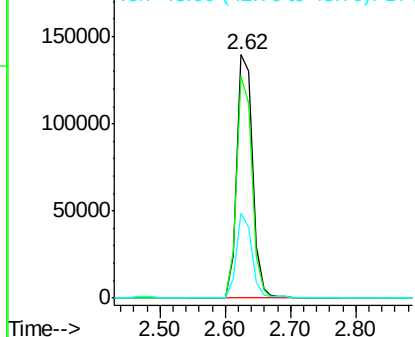
#2

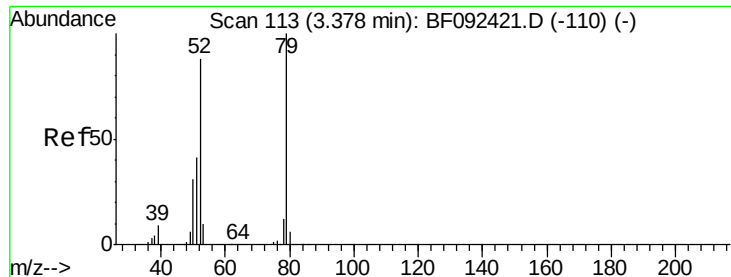
1,4-Dioxane
Concen: 37.89 ng
RT: 2.62 min Scan# 47
Delta R.T. -0.01 min
Lab File: BF092483.D
Acq: 25 Jan 2017 18:17

Tgt Ion: 88 Resp: 230529
Ion Ratio Lower Upper
88 100
58 88.5 57.8 86.8#
43 34.6 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: 37.48 ng

RT: 3.38 min Scan# 113

Delta R.T. -0.00 min

Lab File: BF092483.D

Acq: 25 Jan 2017 18:17

Instrument :

BNA_F

ClientSampleId :

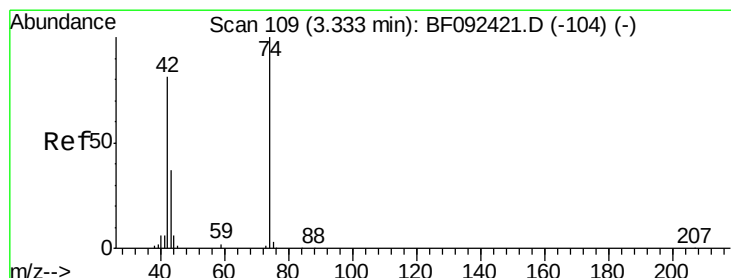
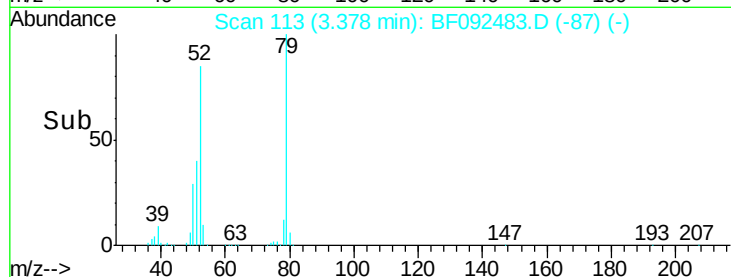
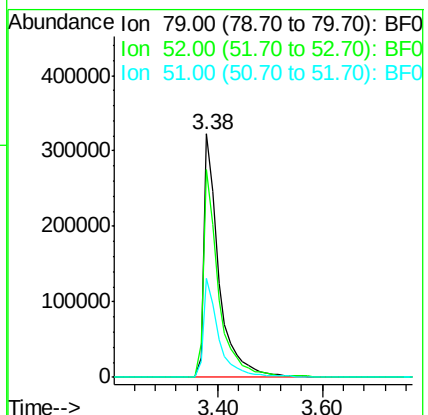
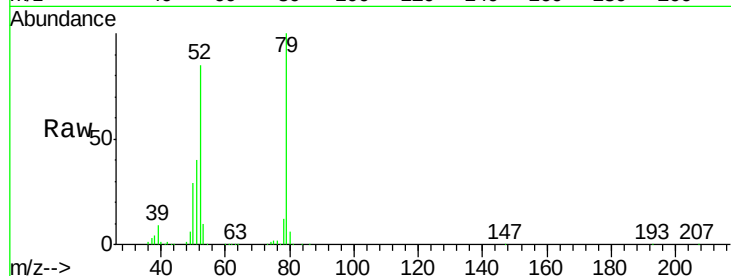
Tot Ion: 79 Resp: 649176

Ion Ratio Lower Upper

79 100

52 85.2 57.1 85.7

51 40.4 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 36.63 ng

RT: 3.33 min Scan# 109

Delta R.T. -0.00 min

Lab File: BF092483.D

Acq: 25 Jan 2017 18:17

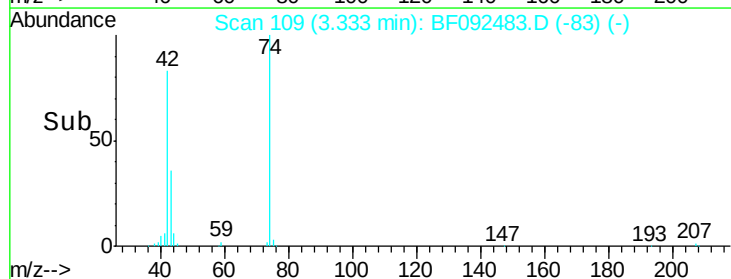
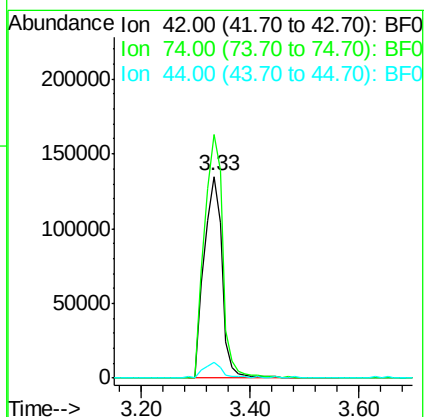
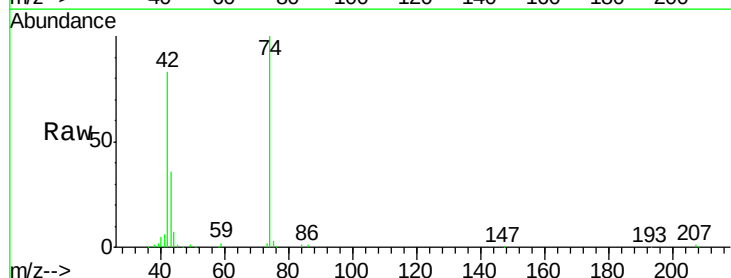
Tgt Ion: 42 Resp: 311273

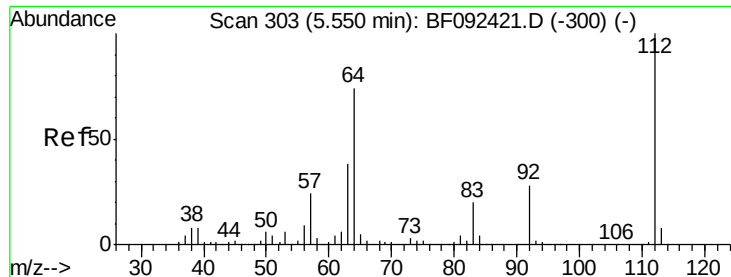
Ion Ratio Lower Upper

42 100

74 120.8 117.0 175.4

44 8.0 5.5 8.3





#5

2-Fluorophenol

Concen: 77.23 ng

RT: 5.55 min Scan# 303

Delta R.T. -0.00 min

Lab File: BF092483.D

Acq: 25 Jan 2017 18:17

Instrument :

BNA_F

ClientSampleId :

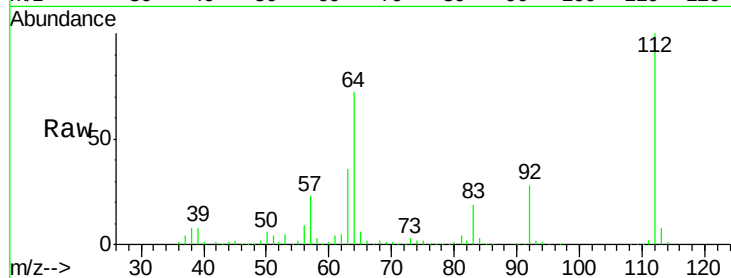
Tot Ion:112 Resp: 883484

Ion Ratio Lower Upper

112 100

64 72.4 46.1 69.1#

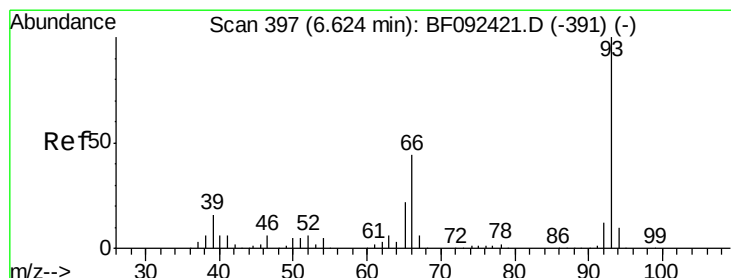
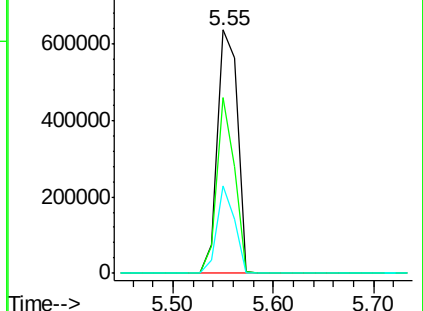
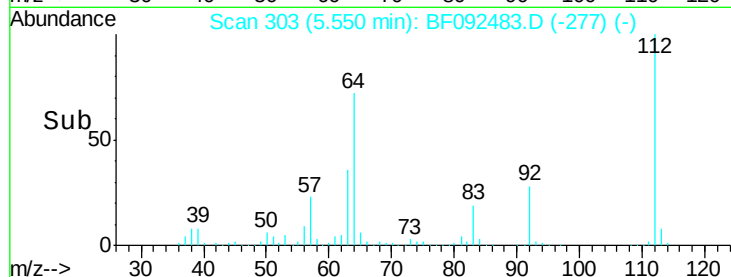
63 35.7 23.8 35.6#



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: 39.19 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF092483.D

Acq: 25 Jan 2017 18:17

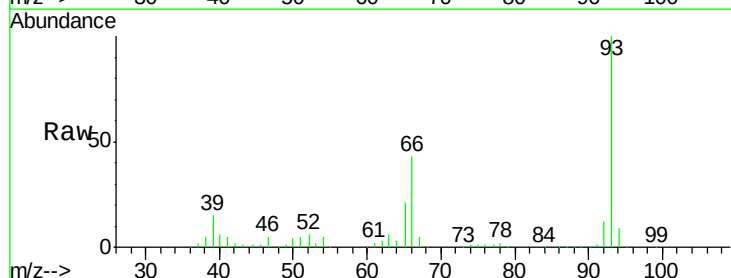
Tgt Ion: 93 Resp: 851809

Ion Ratio Lower Upper

93 100

66 42.9 76.2 114.2#

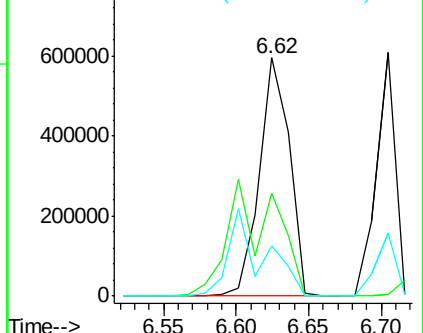
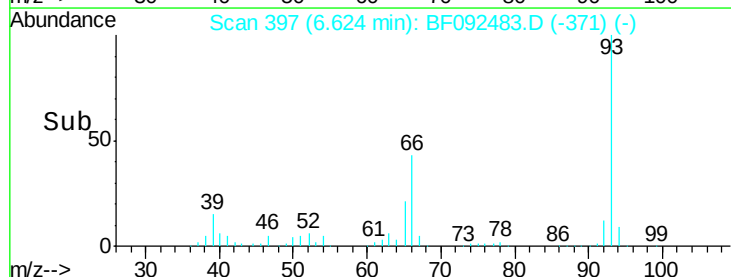
65 21.1 49.3 73.9#

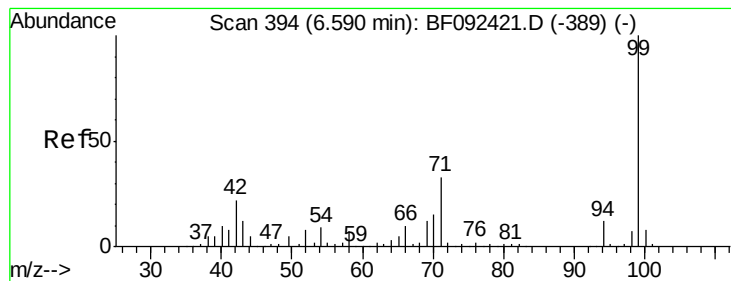


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 75.70 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF092483.D

Acq: 25 Jan 2017 18:17

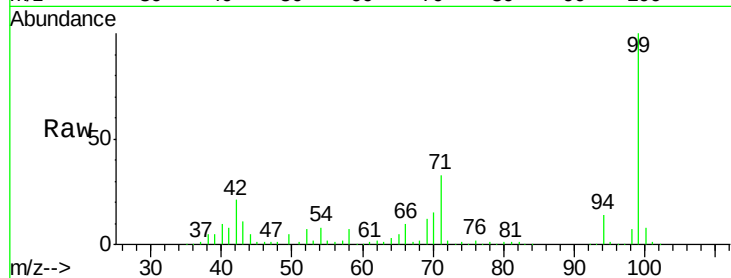
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1103015

Ion	Ratio	Lower	Upper
99	100		
42	21.0	15.6	23.4
71	32.9	27.5	41.3

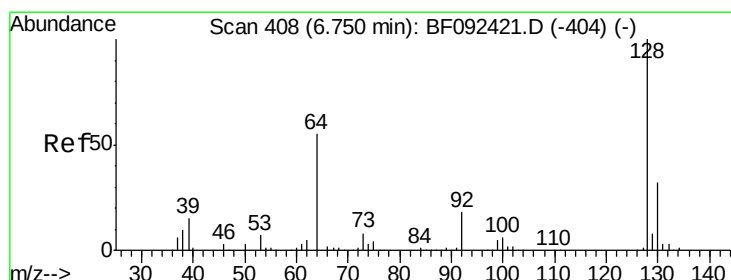
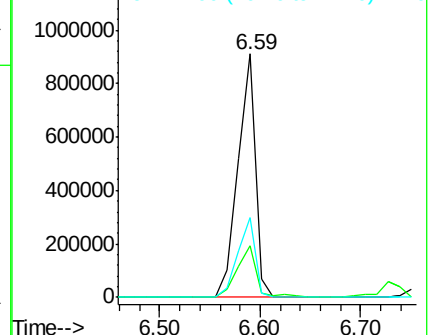
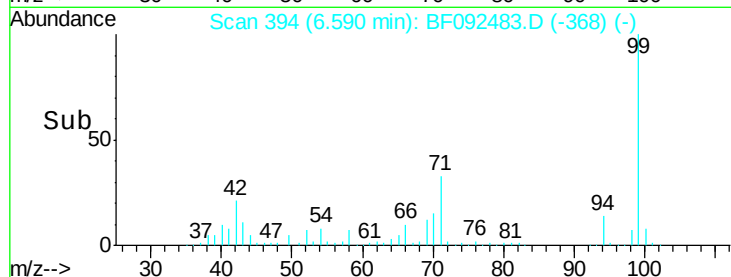


Abundance

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: 40.12 ng

RT: 6.75 min Scan# 408

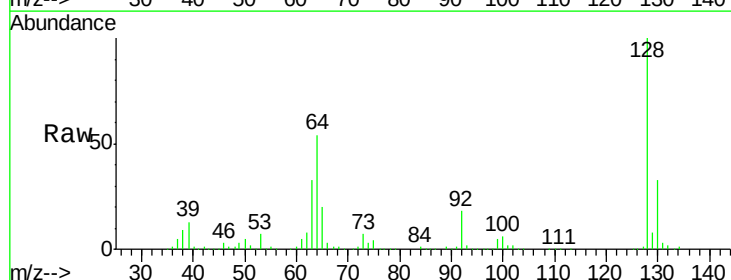
Delta R.T. -0.00 min

Lab File: BF092483.D

Acq: 25 Jan 2017 18:17

Tgt Ion: 128 Resp: 482037

Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.3	52.3
64	54.0	32.2	72.2

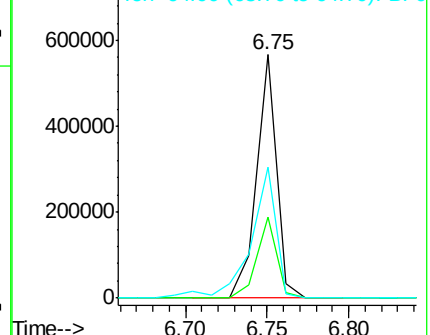
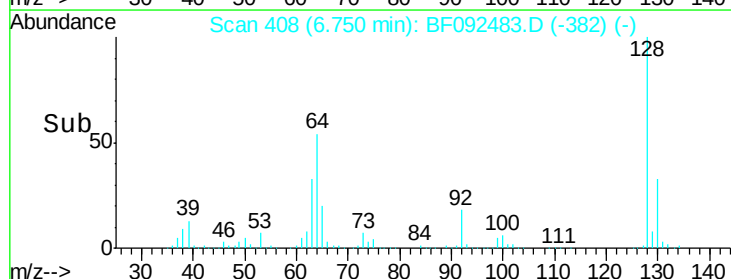


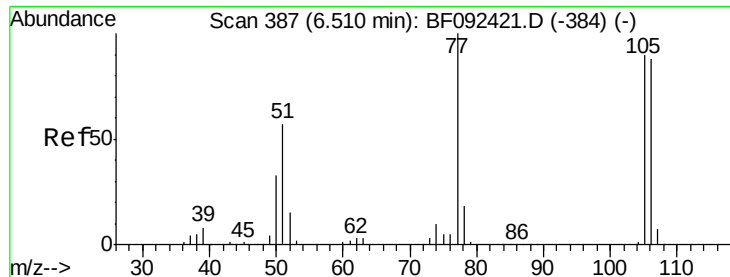
Abundance

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: 36.20 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF092483.D

Acq: 25 Jan 2017 18:17

Instrument :

BNA_F

ClientSampled :

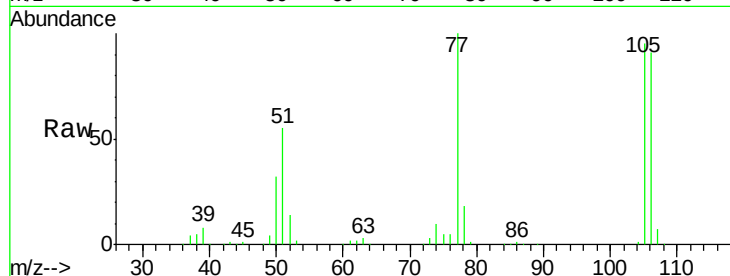
Tot Ion: 77 Resp: 374262

Ion Ratio Lower Upper

77 100

105 94.8 83.9 123.9

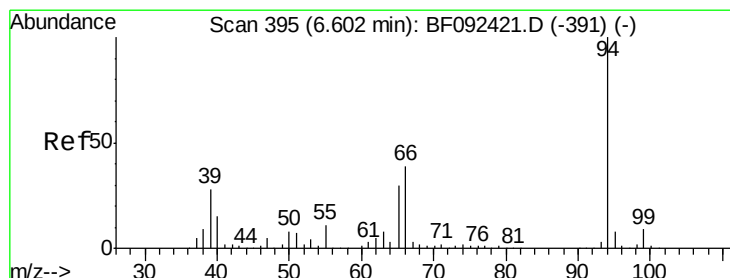
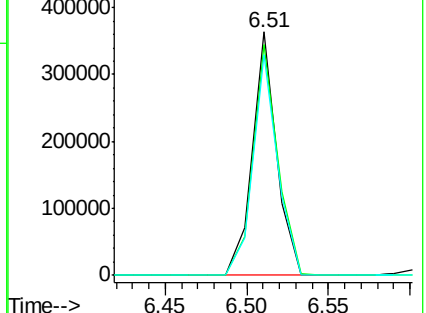
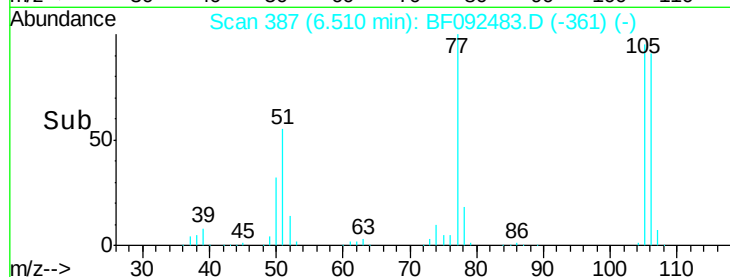
106 90.6 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 39.92 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF092483.D

Acq: 25 Jan 2017 18:17

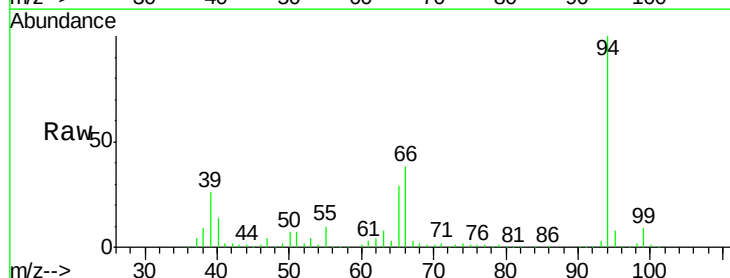
Tgt Ion: 94 Resp: 702016

Ion Ratio Lower Upper

94 100

65 29.0 21.4 61.4

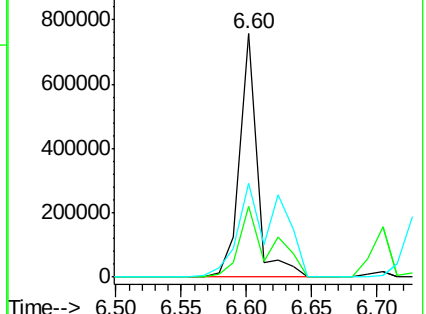
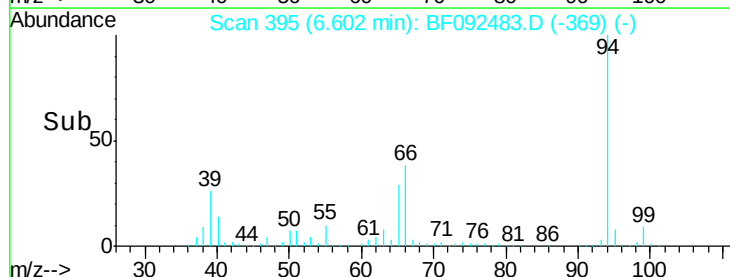
66 38.5 44.0 84.0#

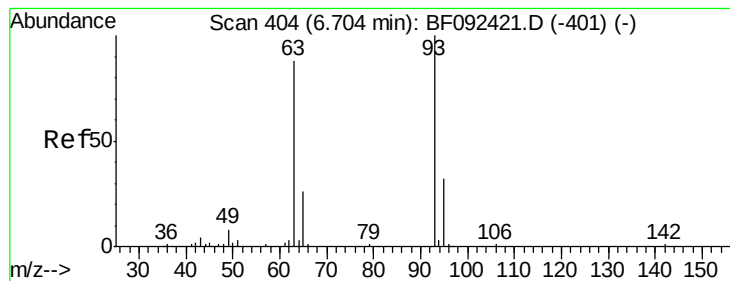


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

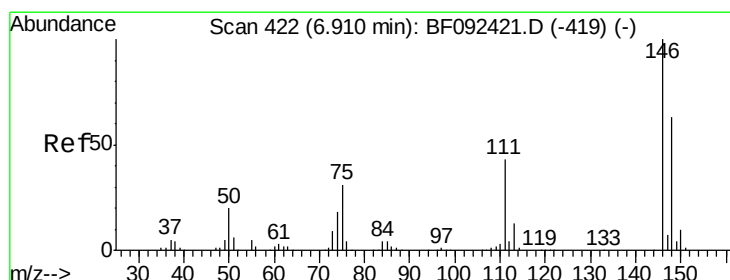
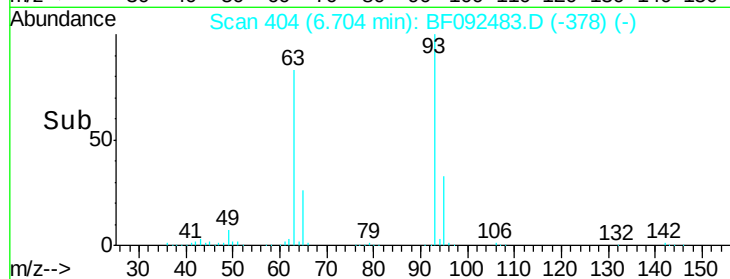
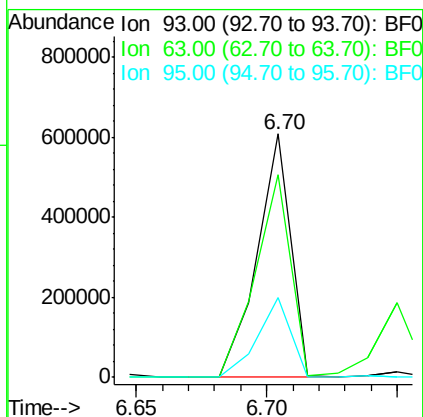
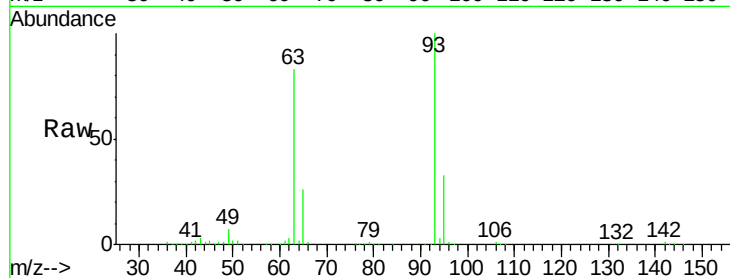




#11
bis(2-Chloroethyl)ether
Concen: 41.60 ng
RT: 6.70 min Scan# 404
Delta R.T. -0.00 min
Lab File: BF092483.D
Acq: 25 Jan 2017 18:17

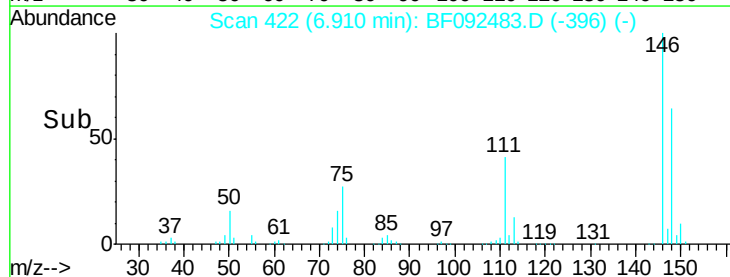
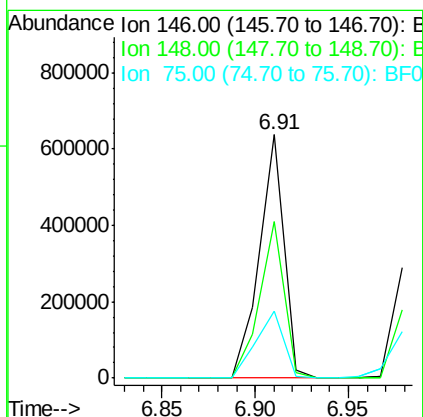
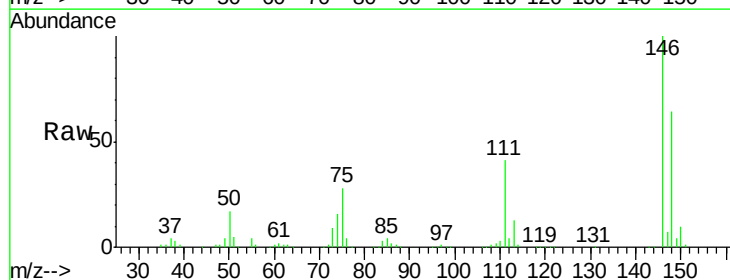
Instrument :
BNA_F
ClientSampleId :

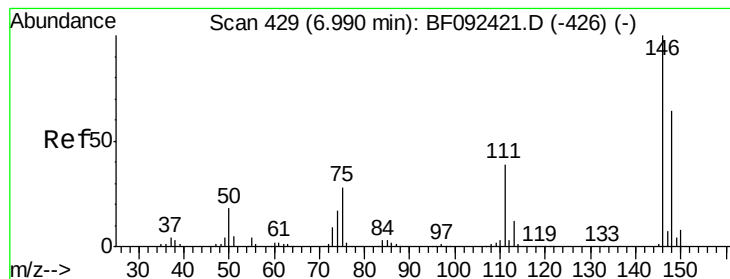
Tot Ion: 93 Resp: 547336
Ion Ratio Lower Upper
93 100
63 83.1 60.4 100.4
95 32.9 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 40.89 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.00 min
Lab File: BF092483.D
Acq: 25 Jan 2017 18:17

Tgt Ion: 146 Resp: 581081
Ion Ratio Lower Upper
146 100
148 64.2 53.4 80.0
75 27.6 18.5 27.7





#13

1,4-Dichlorobenzene

Concen: 41.40 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF092483.D

Acq: 25 Jan 2017 18:17

Instrument :

BNA_F

ClientSampleId :

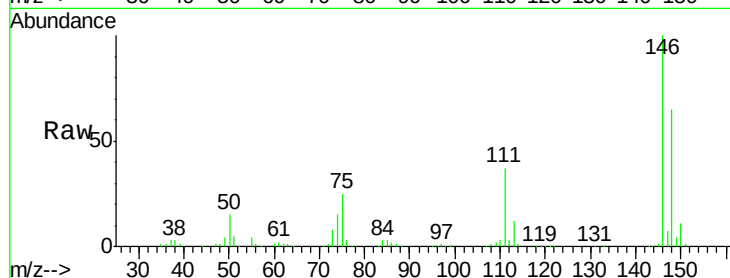
Tot Ion:146 Resp: 592155

Ion Ratio Lower Upper

146 100

148 64.5 50.6 76.0

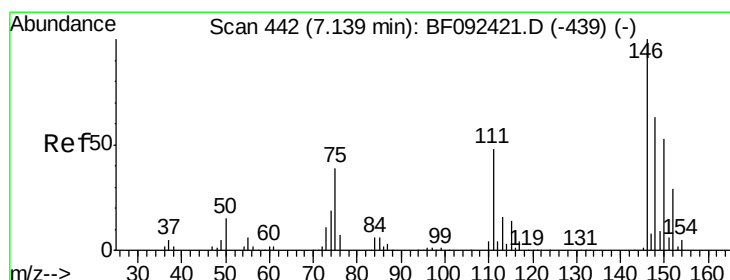
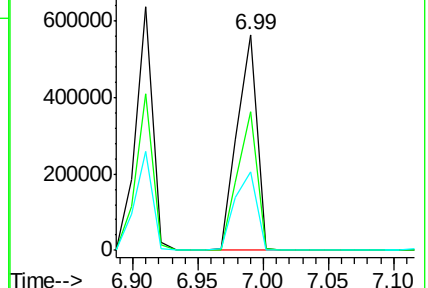
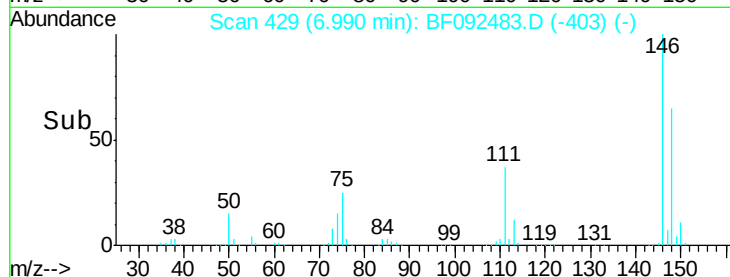
111 36.6 36.2 54.4



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: 36.98 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF092483.D

Acq: 25 Jan 2017 18:17

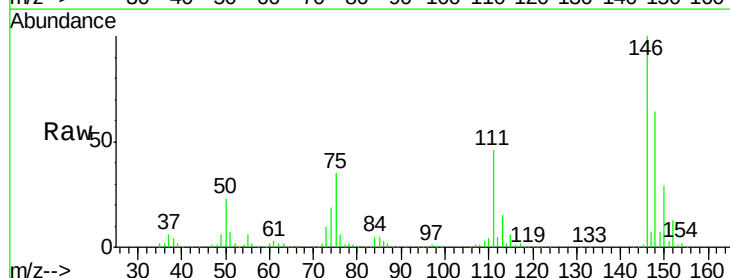
Tgt Ion:146 Resp: 501778

Ion Ratio Lower Upper

146 100

148 63.5 52.2 78.2

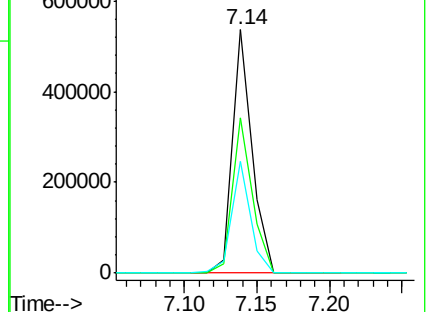
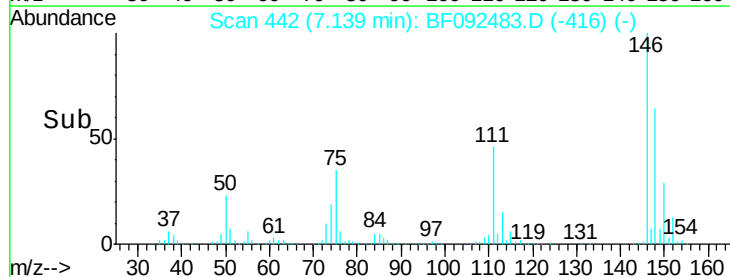
111 45.8 36.2 54.2

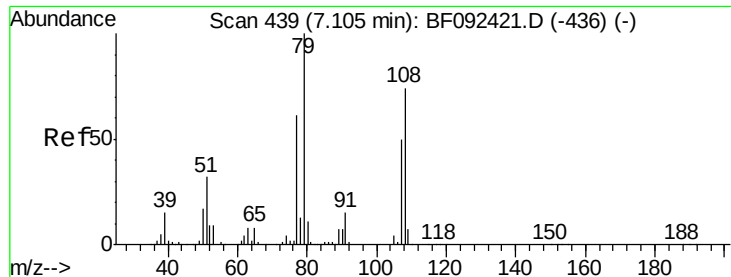


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.19 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.00 min

Lab File: BF092483.D

Acq: 25 Jan 2017 18:17

Instrument :

BNA_F

ClientSampled :

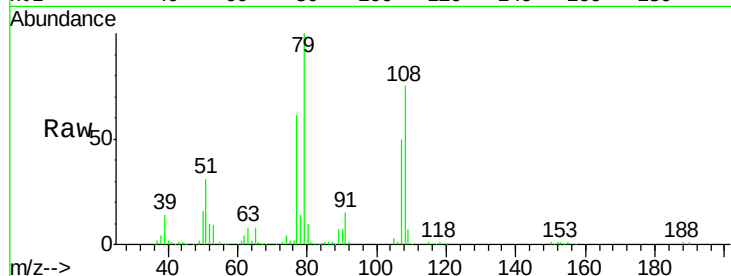
Tot Ion: 79 Resp: 408329

Ion Ratio Lower Upper

79 100

108 75.4 61.4 92.0

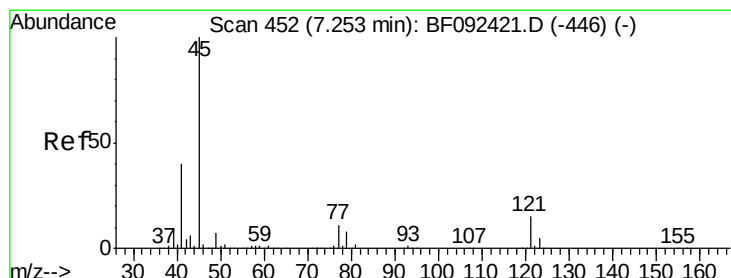
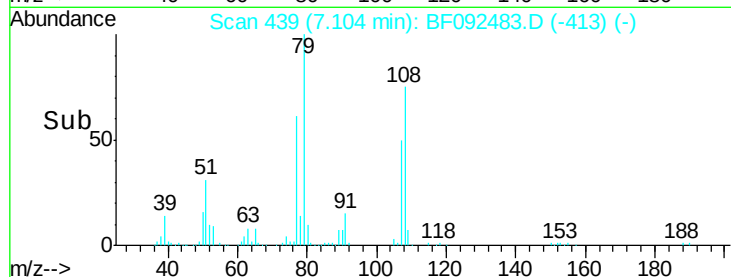
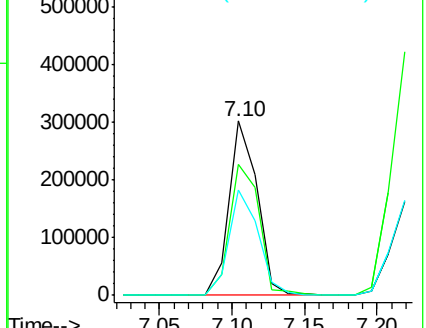
77 60.6 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.43 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF092483.D

Acq: 25 Jan 2017 18:17

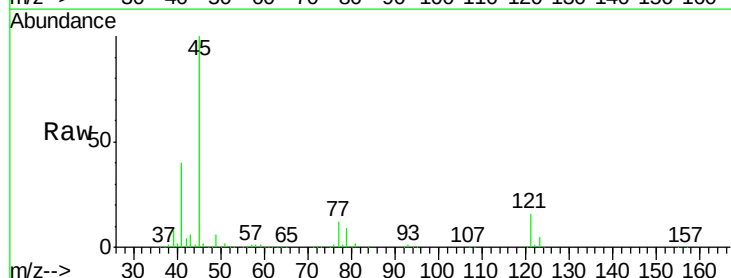
Tgt Ion: 45 Resp: 1000382

Ion Ratio Lower Upper

45 100

77 11.5 0.0 34.6

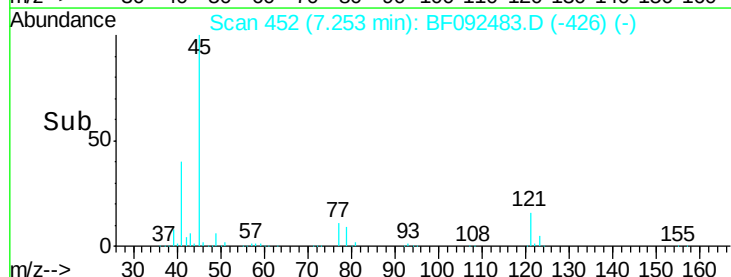
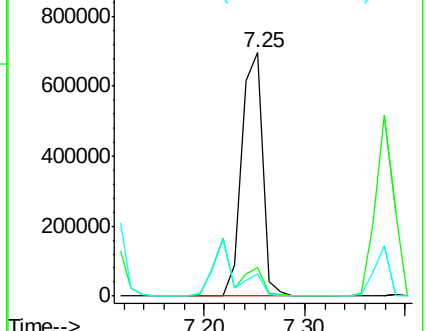
79 8.9 0.0 31.2

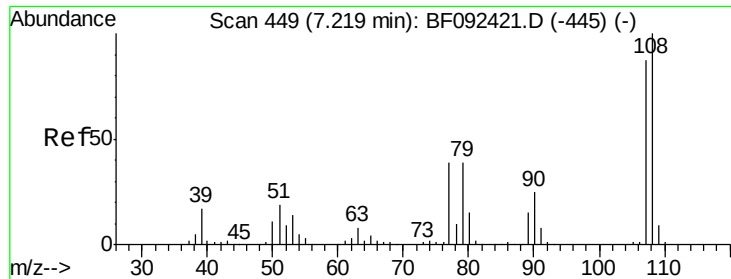


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 39.05 ng

RT: 7.22 min Scan# 449

Delta R.T. -0.00 min

Lab File: BF092483.D

Acq: 25 Jan 2017 18:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 400937

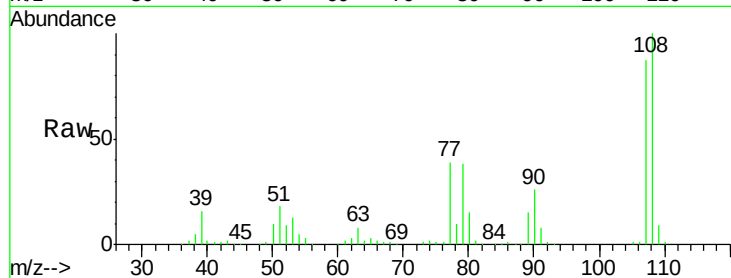
Ion Ratio Lower Upper

107 100

108 114.9 93.0 139.6

77 45.2 39.8 59.8

79 44.0 38.0 57.0

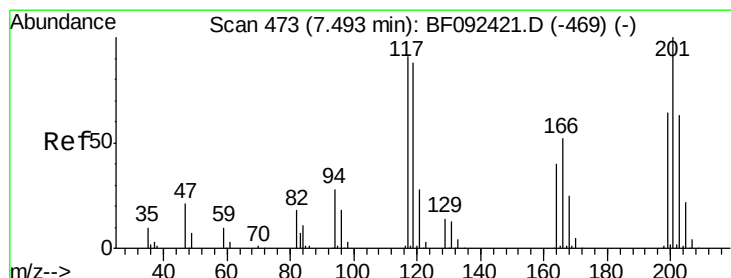
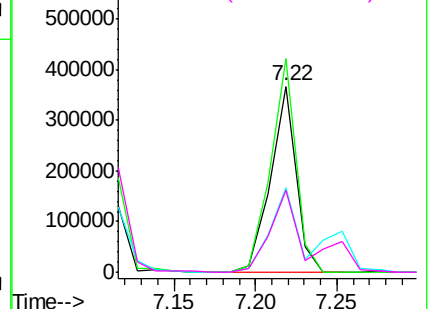
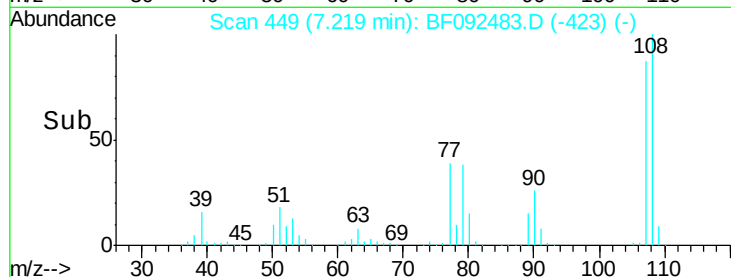


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 40.90 ng

RT: 7.49 min Scan# 473

Delta R.T. -0.00 min

Lab File: BF092483.D

Acq: 25 Jan 2017 18:17

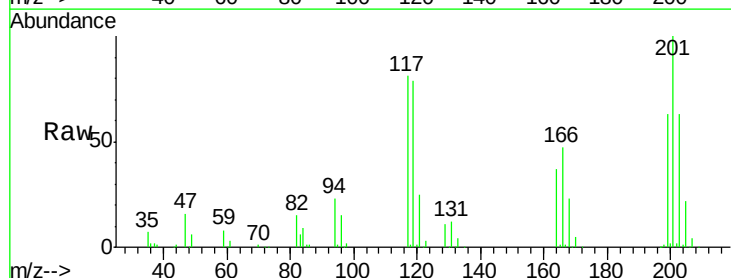
Tgt Ion:117 Resp: 201481

Ion Ratio Lower Upper

117 100

119 98.2 78.1 117.1

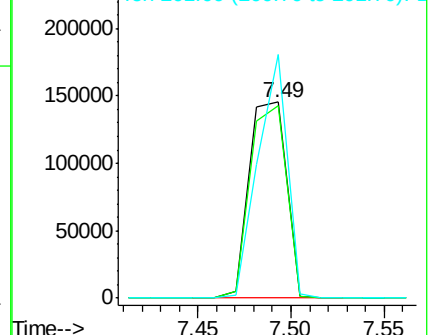
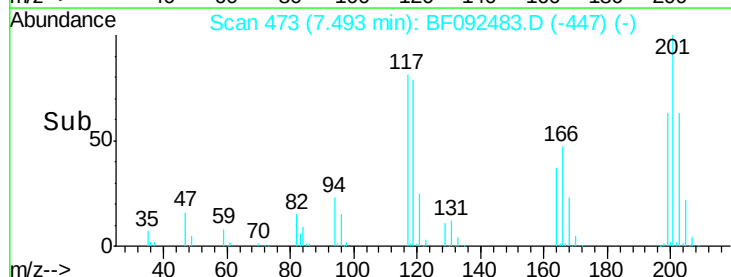
201 124.1 78.6 117.8#

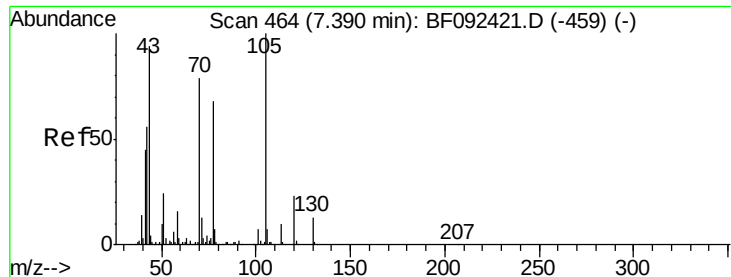


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

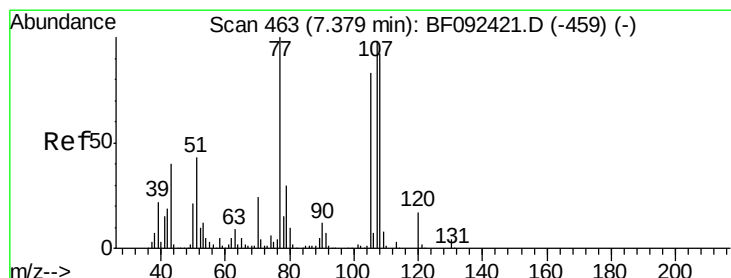
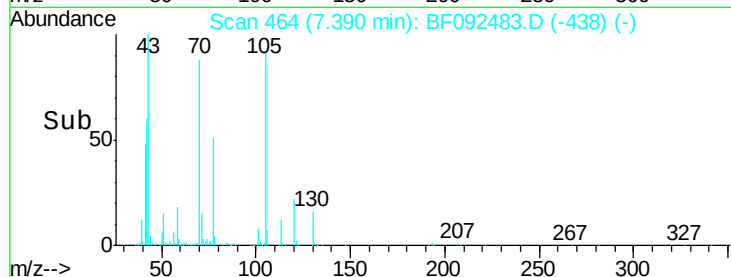
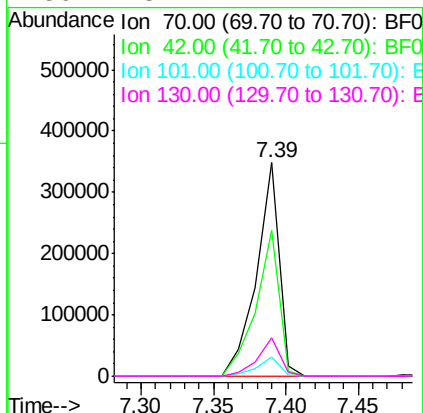
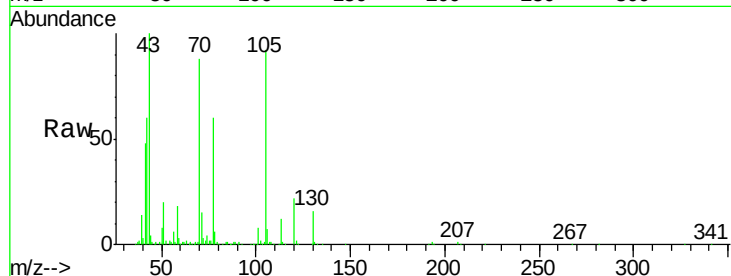




#19
n-Nitroso-di-n-propylamine
Concen: 38.32 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF092483.D
Acq: 25 Jan 2017 18:17

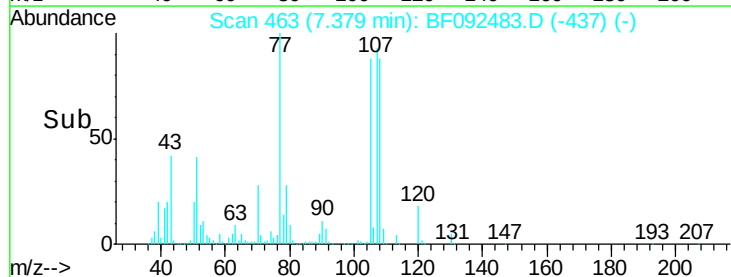
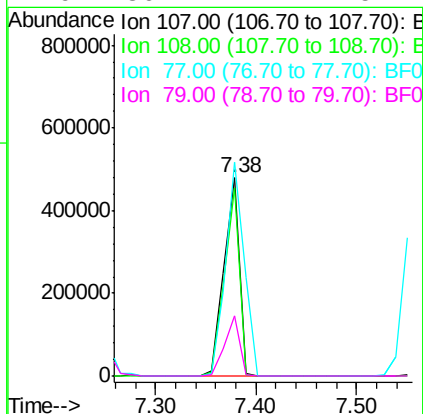
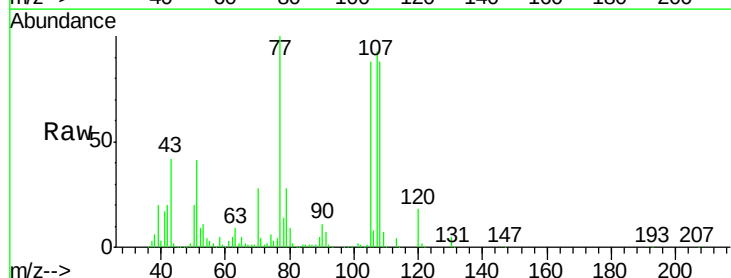
Instrument :
BNA_F
ClientSampleId :

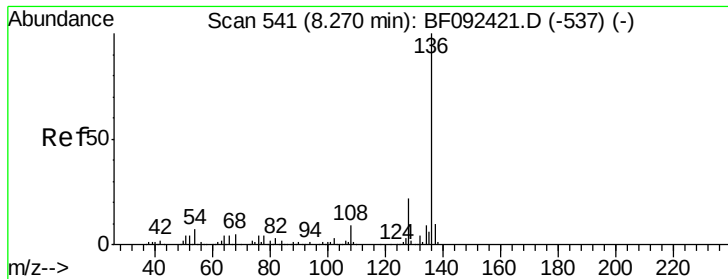
Tot Ion:	70	Resp:	380228
Ion	Ratio	Lower	Upper
70	100		
42	68.4	49.4	74.0
101	9.1	7.4	11.2
130	18.1	14.2	21.4



#20
3+4-Methylphenols
Concen: 41.30 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF092483.D
Acq: 25 Jan 2017 18:17

Tgt Ion:	107	Resp:	514424
Ion	Ratio	Lower	Upper
107	100		
108	95.1	73.0	113.0
77	107.7	71.3	111.3
79	30.1	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF092483.D

Acq: 25 Jan 2017 18:17

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 713945

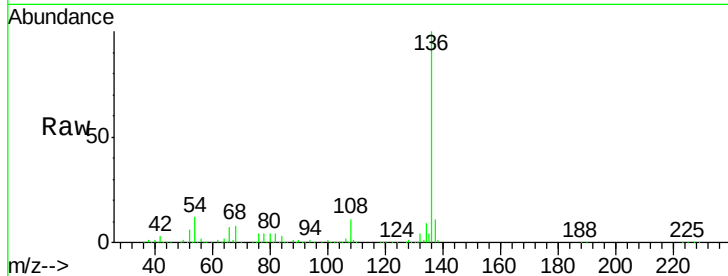
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 12.4 4.5 6.7#

68 8.0 3.6 5.4#

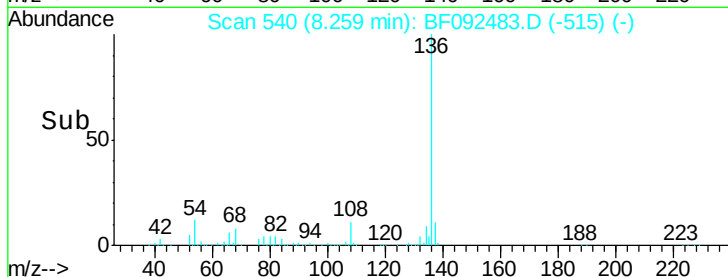


Abundance Ion 136.00 (135.70 to 136.70): E

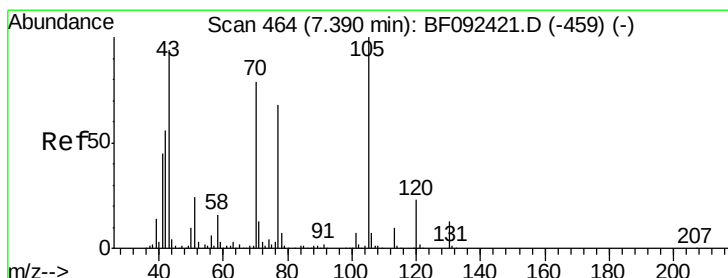
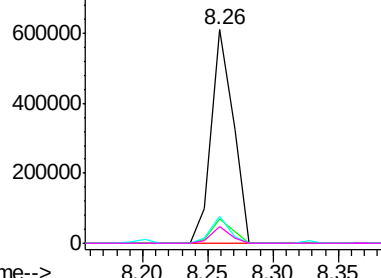
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 38.99 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.01 min

Lab File: BF092483.D

Acq: 25 Jan 2017 18:17

Tgt Ion:105 Resp: 662967

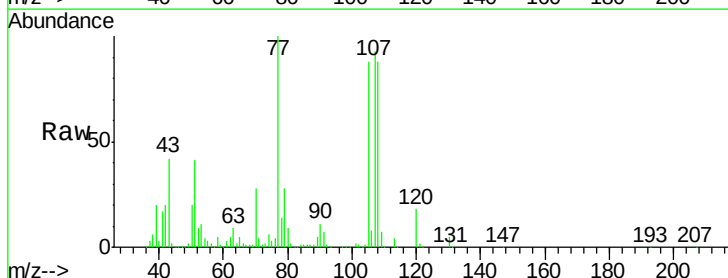
Ion Ratio Lower Upper

105 100

71 5.0 3.2 4.8#

51 46.9 26.2 39.4#

120 20.4 16.6 24.8

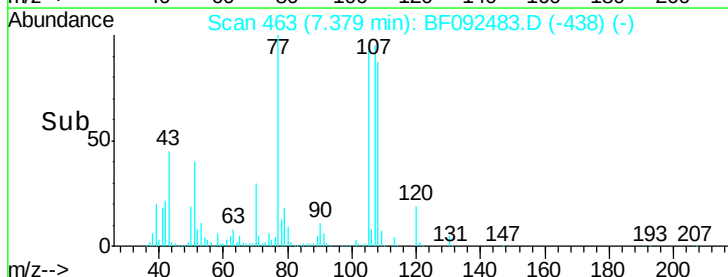


Abundance Ion 105.00 (104.70 to 105.70): E

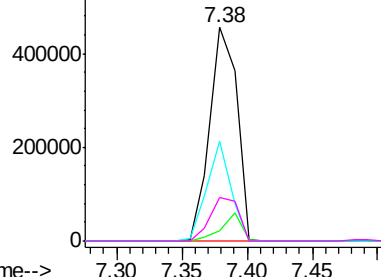
Ion 71.00 (70.70 to 71.70): BF0

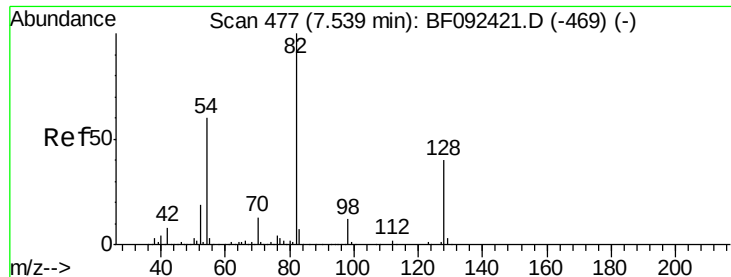
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

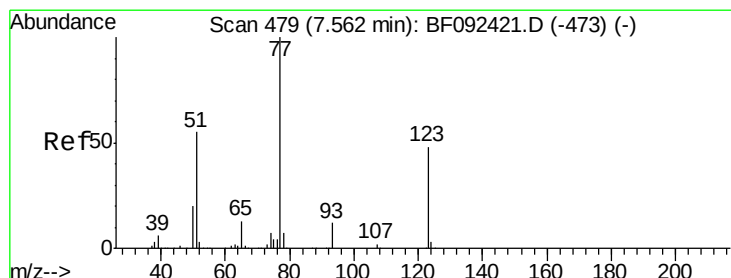
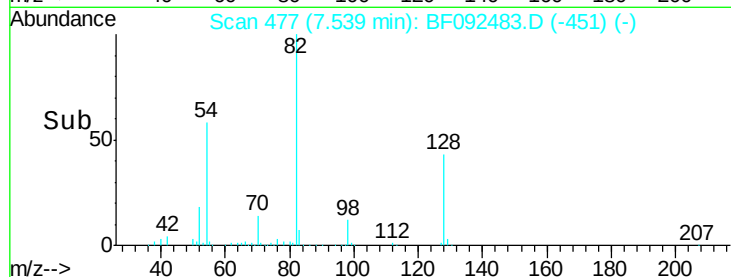
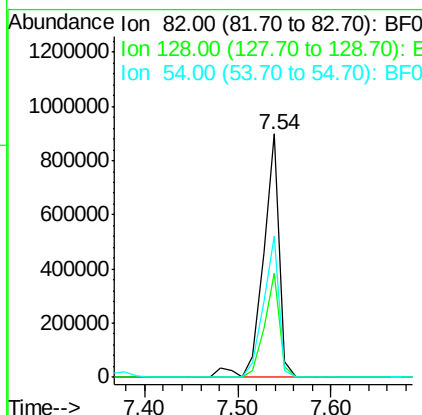
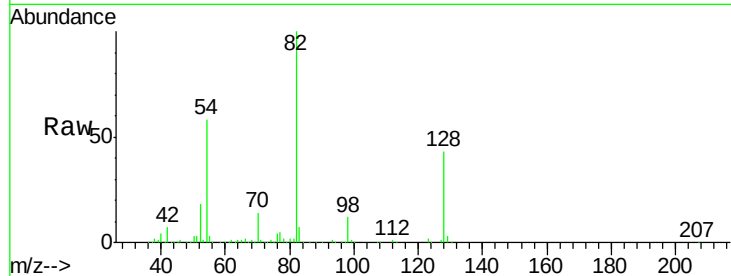




#23
 Nitrobenzene-d5
 Concen: 81.90 ng
 RT: 7.54 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF092483.D
 Acq: 25 Jan 2017 18:17

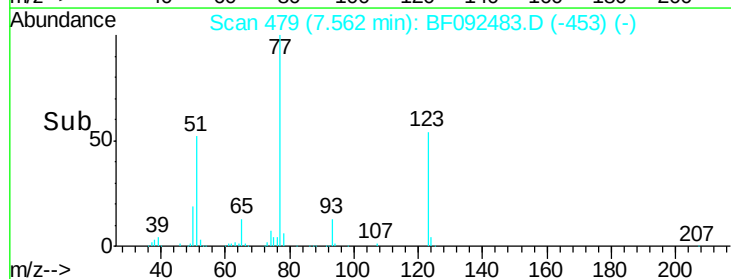
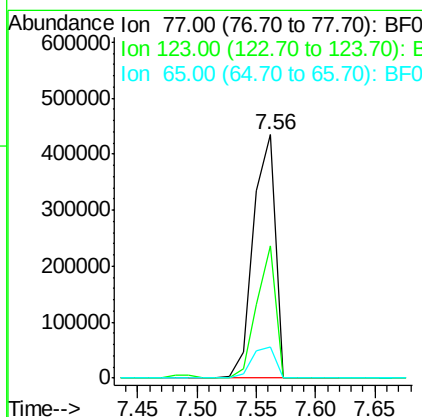
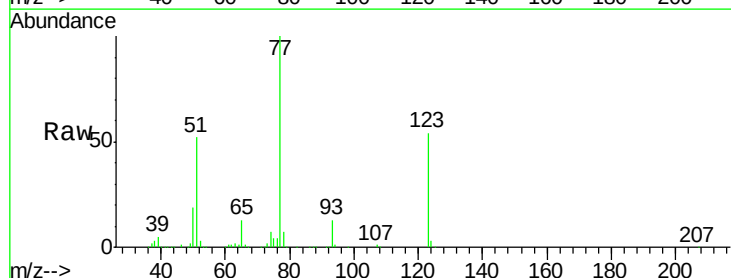
Instrument :
 BNA_F
 ClientSampled :

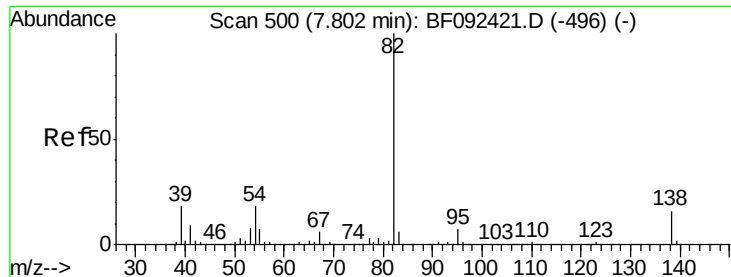
Tot Ion: 82 Resp: 1070423
 Ion Ratio Lower Upper
 82 100
 128 42.9 34.6 52.0
 54 58.1 39.5 59.3



#24
 Nitrobenzene
 Concen: 41.06 ng
 RT: 7.56 min Scan# 479
 Delta R.T. -0.00 min
 Lab File: BF092483.D
 Acq: 25 Jan 2017 18:17

Tgt Ion: 77 Resp: 562245
 Ion Ratio Lower Upper
 77 100
 123 54.1 33.0 49.4#
 65 12.8 11.2 16.8





#25

Isophorone

Concen: 39.32 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF092483.D

Acq: 25 Jan 2017 18:17

Instrument :

BNA_F

ClientSampleId :

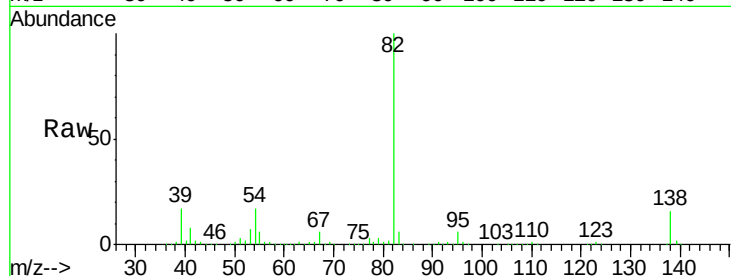
Tot Ion: 82 Resp: 1012622

Ion Ratio Lower Upper

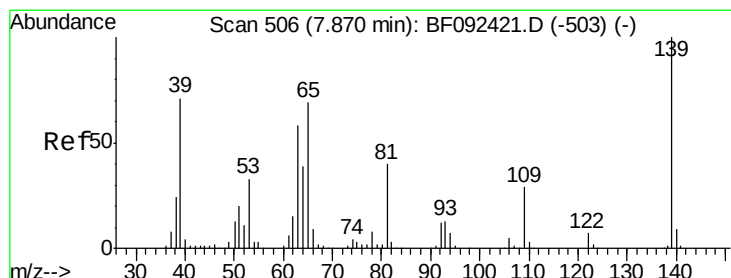
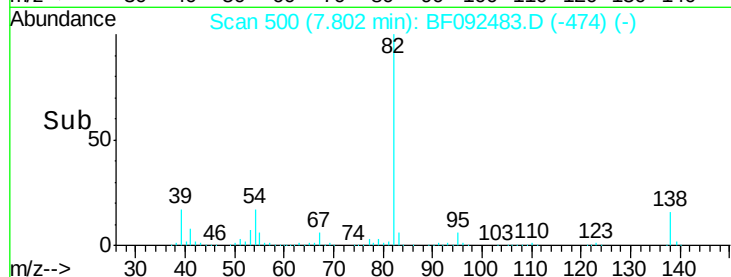
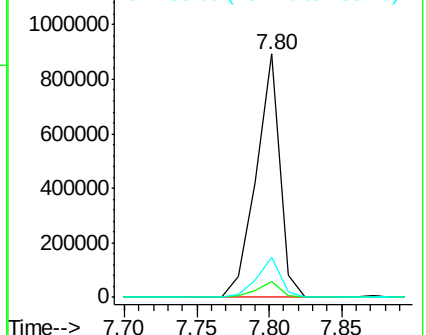
82 100

95 6.4 5.6 8.4

138 16.4 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 42.92 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF092483.D

Acq: 25 Jan 2017 18:17

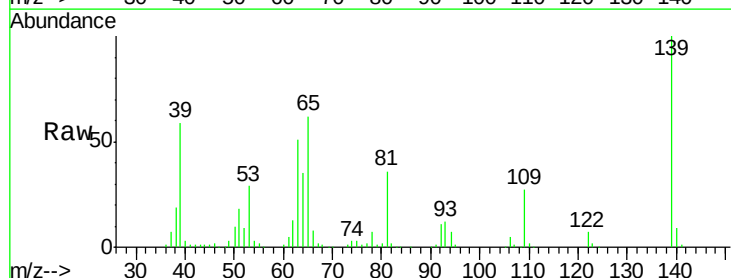
Tgt Ion: 139 Resp: 246263

Ion Ratio Lower Upper

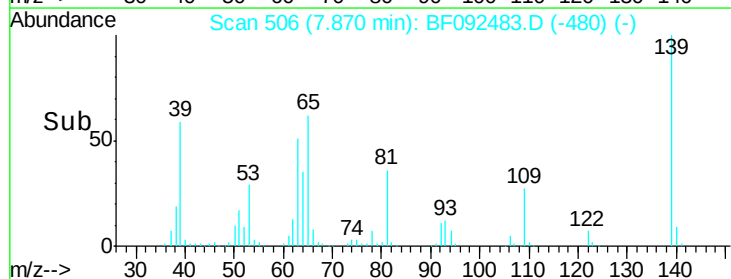
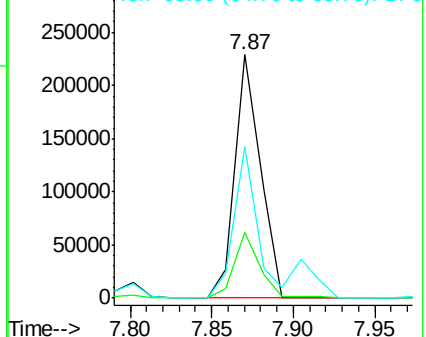
139 100

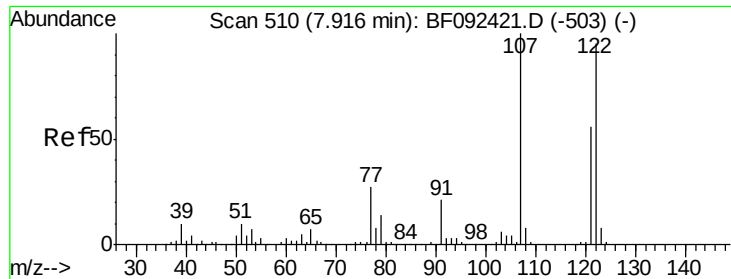
109 26.9 23.3 34.9

65 62.2 42.7 64.1



Abundance Ion 139.00 (138.70 to 139.70): BF0
Ion 109.00 (108.70 to 109.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 37.87 ng

RT: 7.90 min Scan# 509

Delta R.T. -0.01 min

Lab File: BF092483.D

Acq: 25 Jan 2017 18:17

Instrument :

BNA_F

ClientSampled :

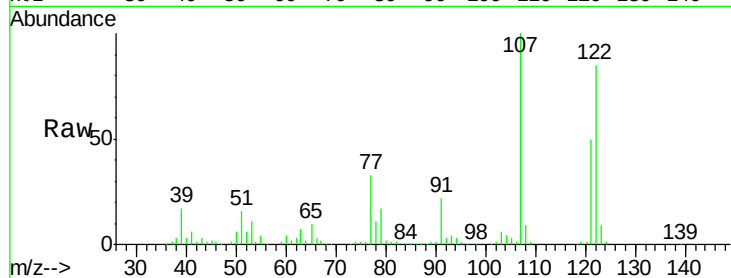
Tot Ion:122 Resp: 451913

Ion Ratio Lower Upper

122 100

107 117.1 94.1 141.1

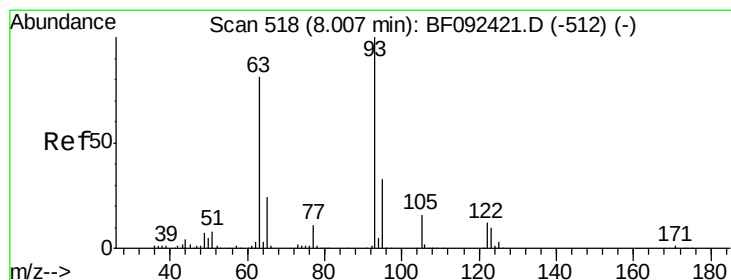
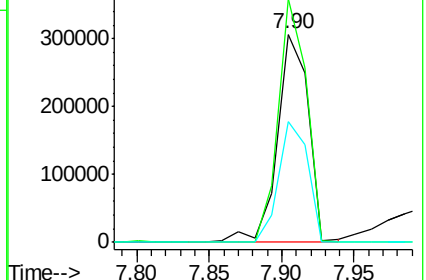
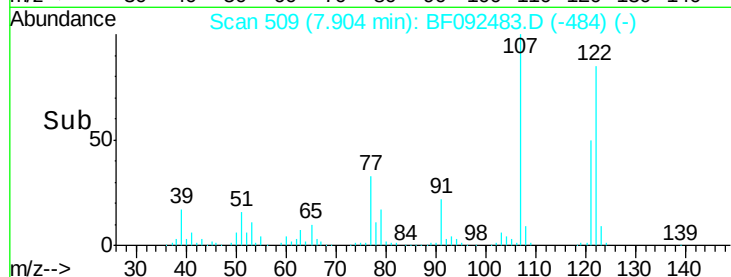
121 58.2 46.0 69.0



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: 35.34 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.00 min

Lab File: BF092483.D

Acq: 25 Jan 2017 18:17

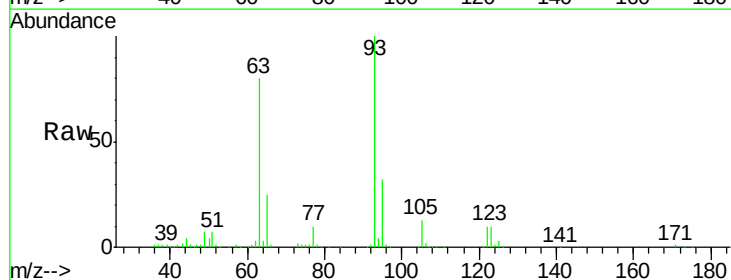
Tgt Ion: 93 Resp: 597440

Ion Ratio Lower Upper

93 100

95 32.3 26.5 39.7

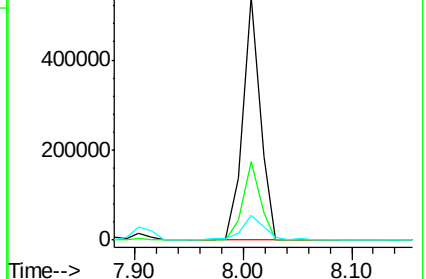
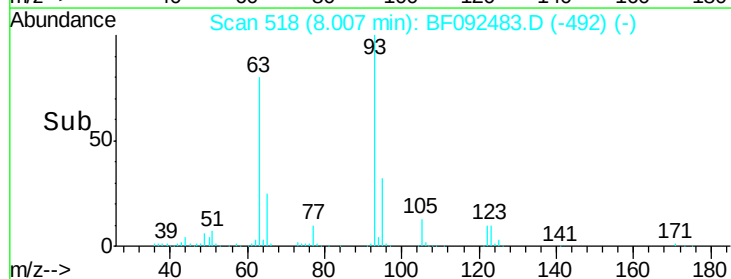
123 10.4 8.6 13.0

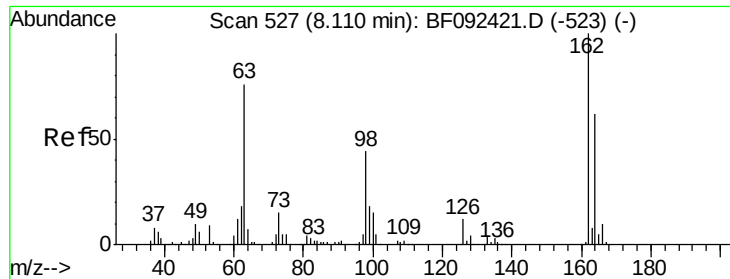


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

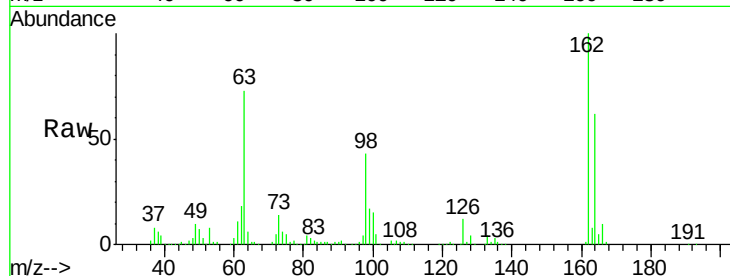




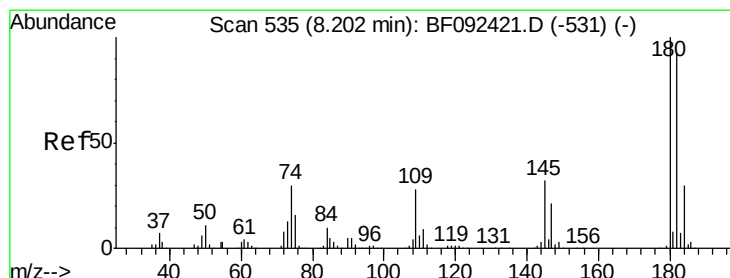
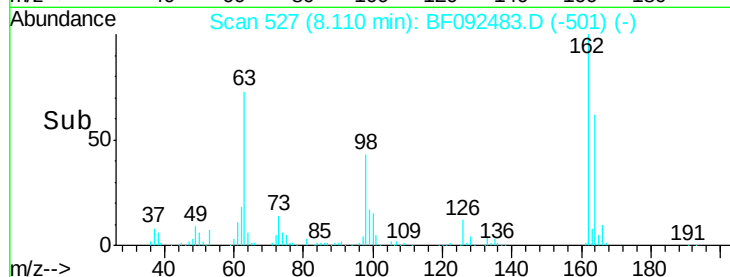
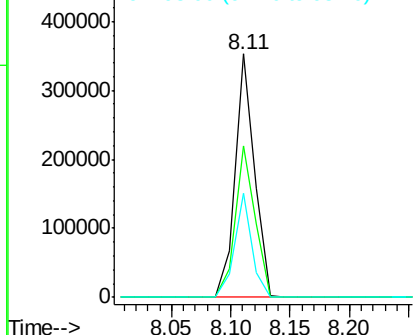
#29
 2,4-Dichlorophenol
 Concen: 38.71 ng
 RT: 8.11 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: BF092483.D
 Acq: 25 Jan 2017 18:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.4	46.8	86.8
98	42.8	9.1	49.1

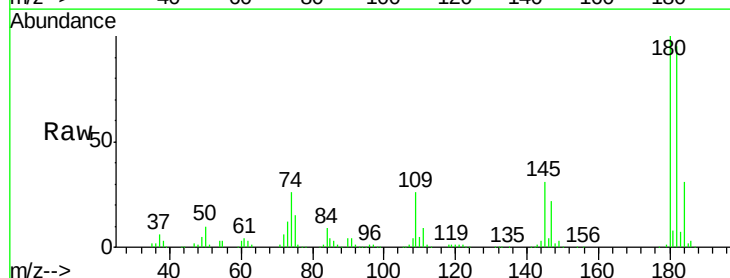


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

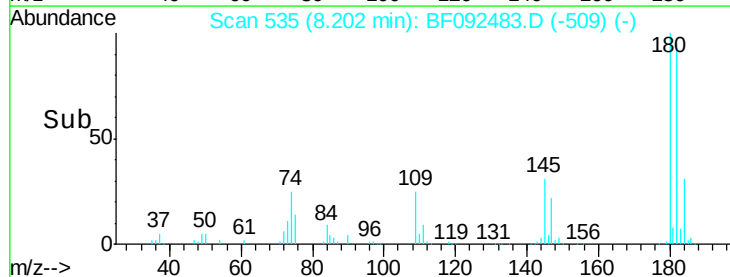
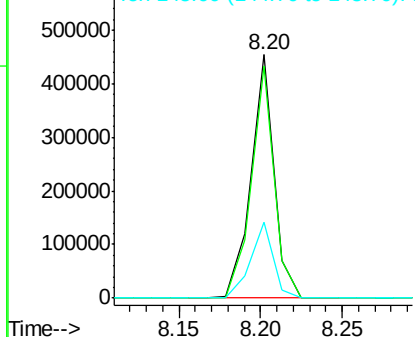


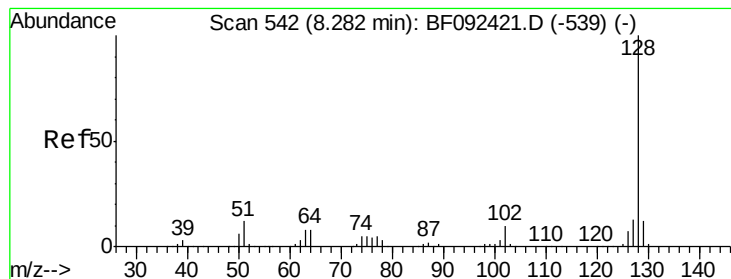
#30
 1,2,4-Trichlorobenzene
 Concen: 39.73 ng
 RT: 8.20 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: BF092483.D
 Acq: 25 Jan 2017 18:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	78.2	117.4
145	31.2	21.6	32.4



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.35 ng

RT: 8.28 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF092483.D

Acq: 25 Jan 2017 18:17

Instrument :

BNA_F

ClientSampleId :

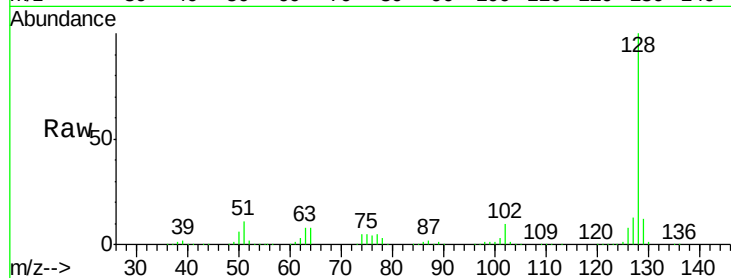
Tot Ion:128 Resp: 1364881

Ion Ratio Lower Upper

128 100

129 11.6 9.5 14.3

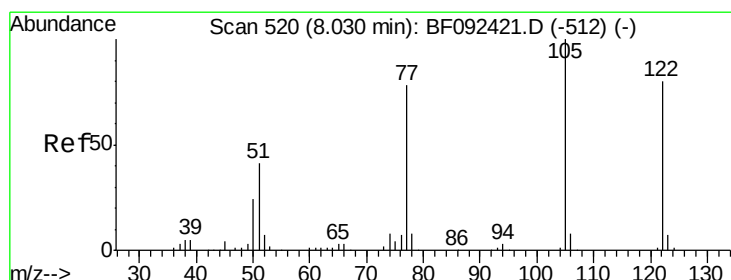
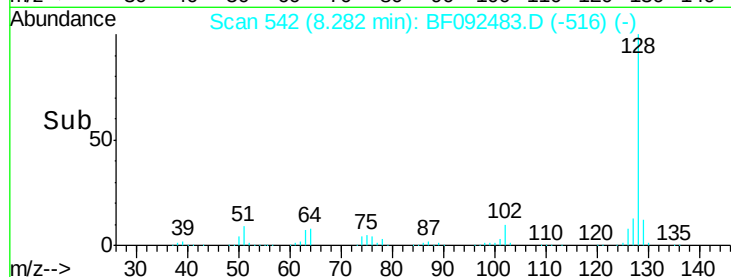
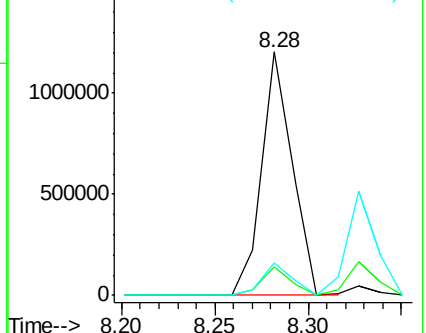
127 13.3 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.57 ng

RT: 8.03 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF092483.D

Acq: 25 Jan 2017 18:17

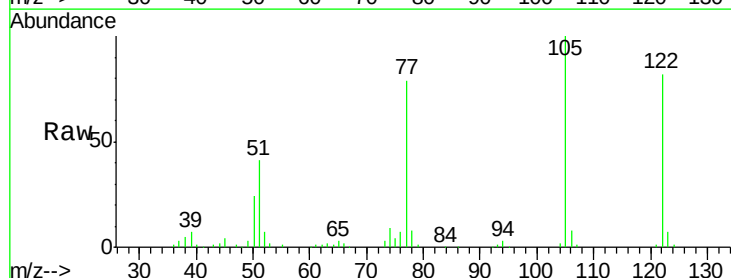
Tgt Ion:122 Resp: 324985

Ion Ratio Lower Upper

122 100

105 121.9 107.2 147.2

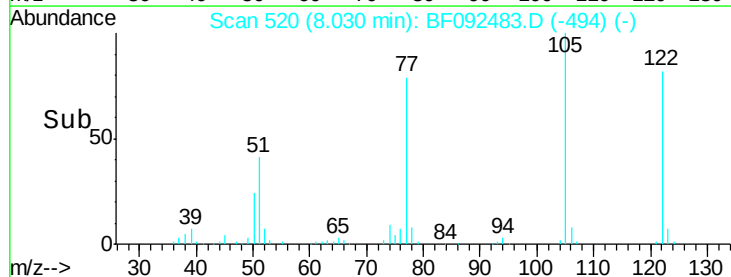
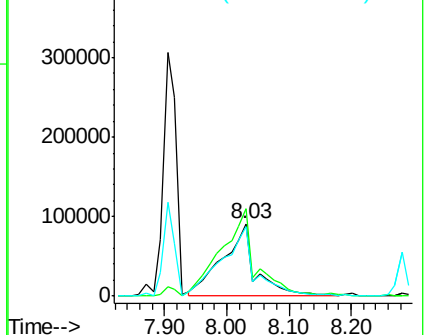
77 95.8 74.5 114.5

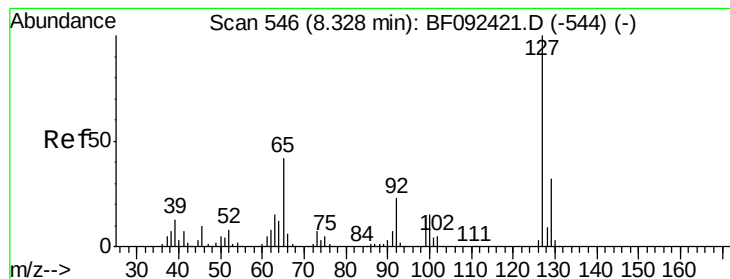


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 36.12 ng

RT: 8.33 min Scan# 546

Delta R.T. -0.00 min

Lab File: BF092483.D

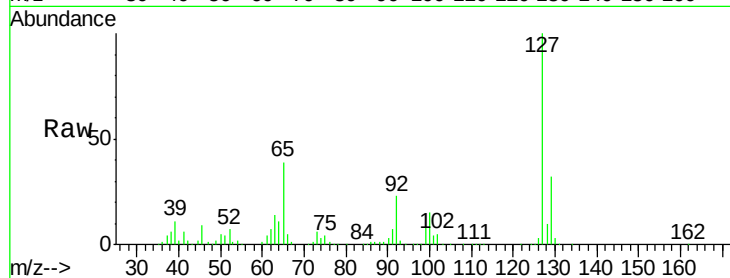
Acq: 25 Jan 2017 18:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127	Resp:	558287
Ion Ratio	Lower	Upper
127	100	
129	32.2	26.3 39.5
65	38.8	25.8 38.8#
92	22.7	16.1 24.1

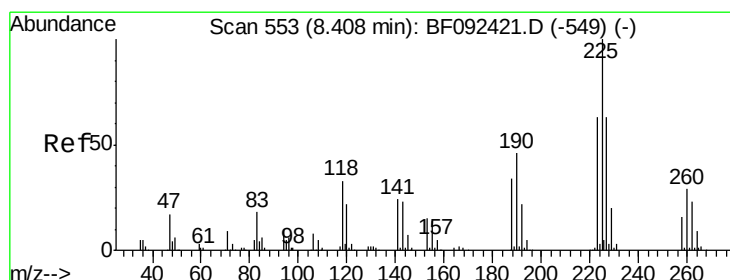
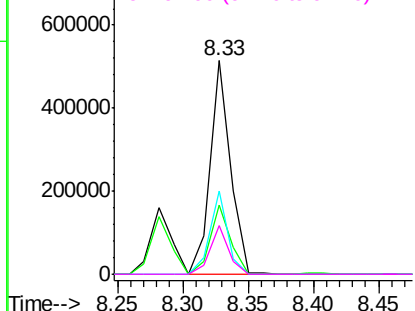
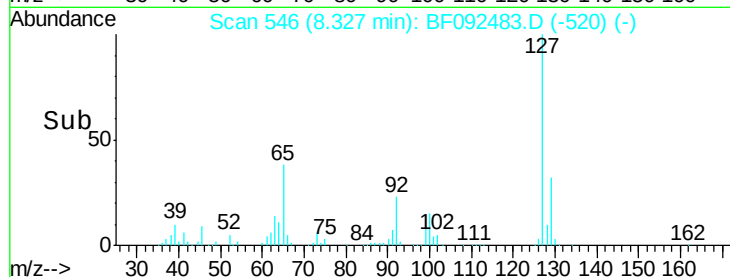


Abundance Ion 127.00 (126.70 to 127.70): E

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: 42.03 ng

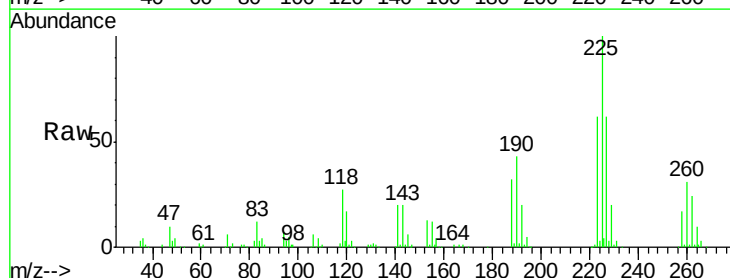
RT: 8.41 min Scan# 553

Delta R.T. -0.00 min

Lab File: BF092483.D

Acq: 25 Jan 2017 18:17

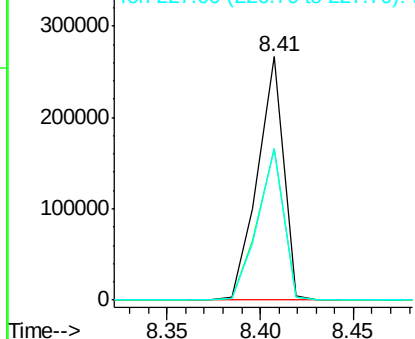
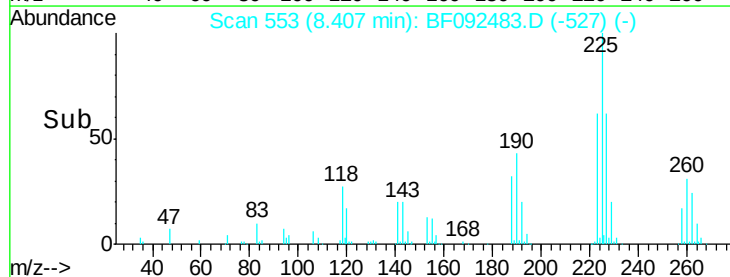
Tgt Ion:225	Resp:	257076
Ion Ratio	Lower	Upper
225	100	
223	62.0	51.0 76.6
227	62.1	50.6 76.0

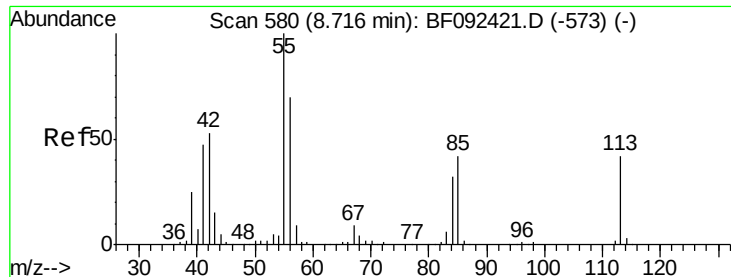


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

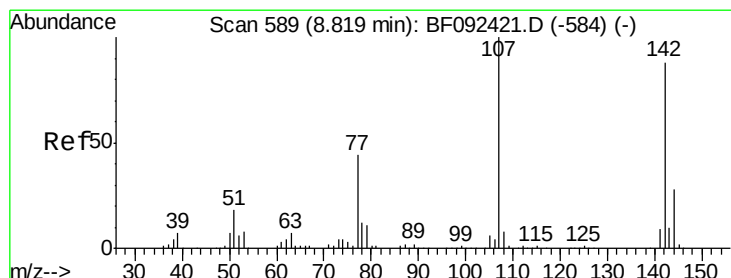
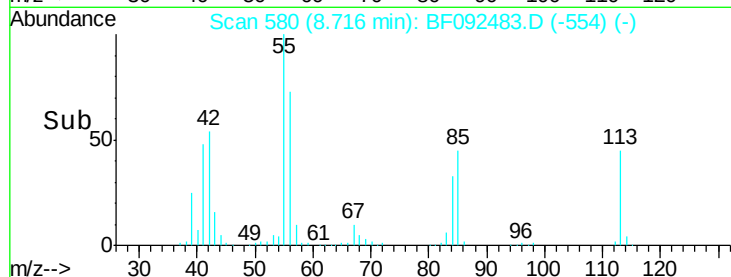
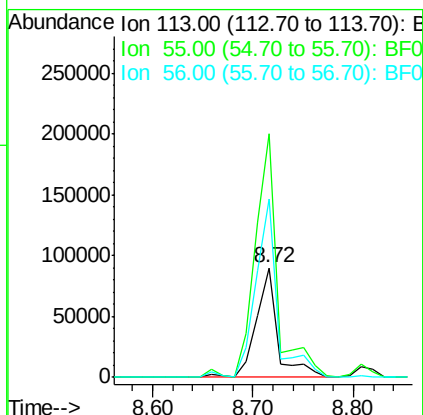
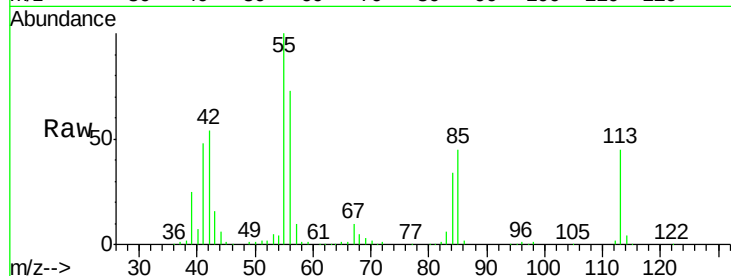




#35
 Caprolactam
 Concen: 38.62 ng
 RT: 8.72 min Scan# 580
 Delta R.T. -0.00 min
 Lab File: BF092483.D
 Acq: 25 Jan 2017 18:17

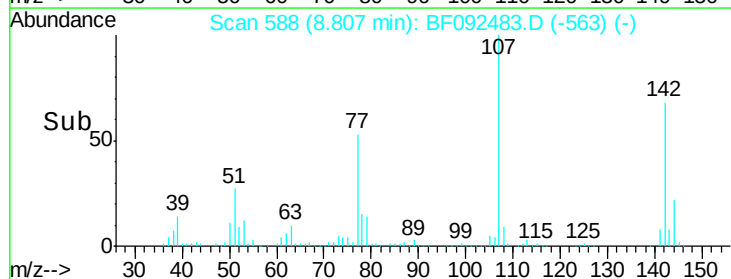
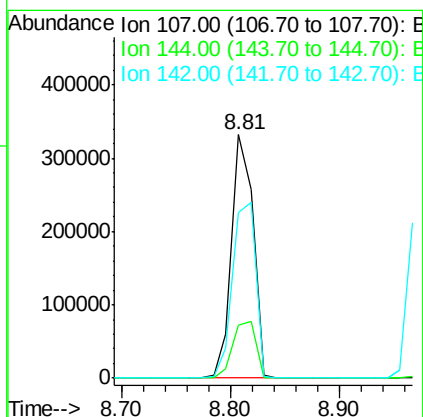
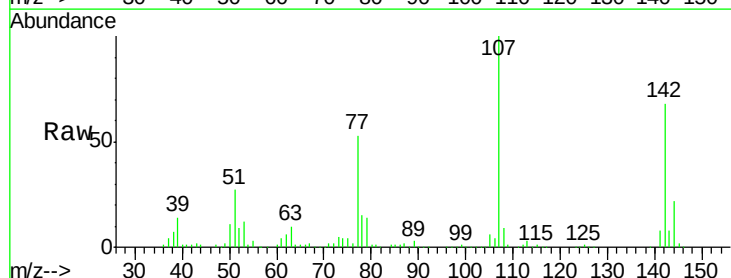
Instrument :
 BNA_F
 ClientSampled :

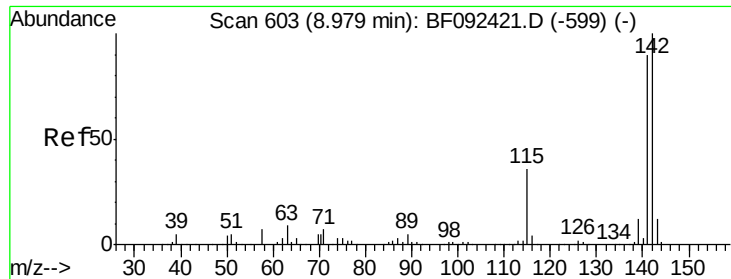
Tot Ion:113 Resp: 133427
 Ion Ratio Lower Upper
 113 100
 55 222.8 119.2 159.2#
 56 163.6 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 40.53 ng
 RT: 8.81 min Scan# 588
 Delta R.T. -0.01 min
 Lab File: BF092483.D
 Acq: 25 Jan 2017 18:17

Tgt Ion:107 Resp: 452137
 Ion Ratio Lower Upper
 107 100
 144 21.6 19.3 28.9
 142 67.9 59.0 88.6

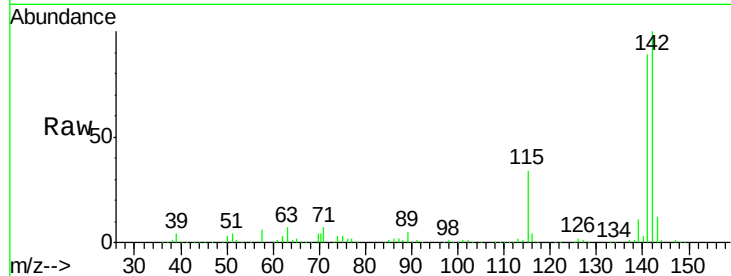




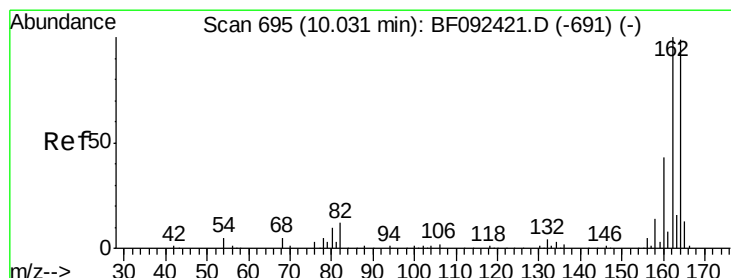
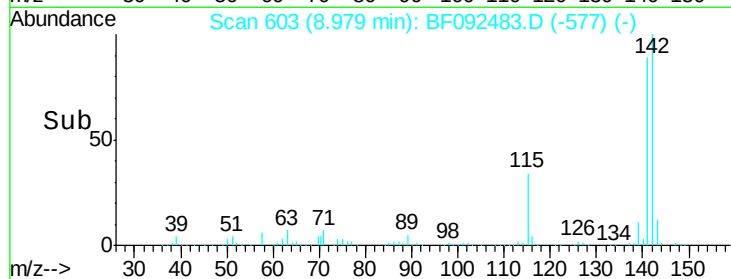
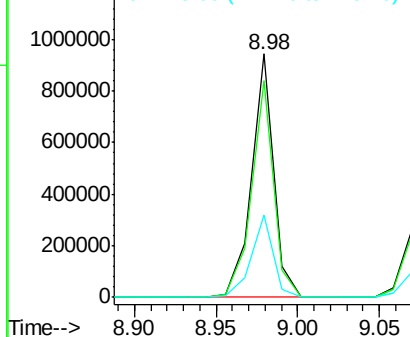
#37
2-Methylnaphthalene
Concen: 38.21 ng
RT: 8.98 min Scan# 603
Delta R.T. -0.00 min
Lab File: BF092483.D
Acq: 25 Jan 2017 18:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.0	106.6
115	34.0	28.3	42.5

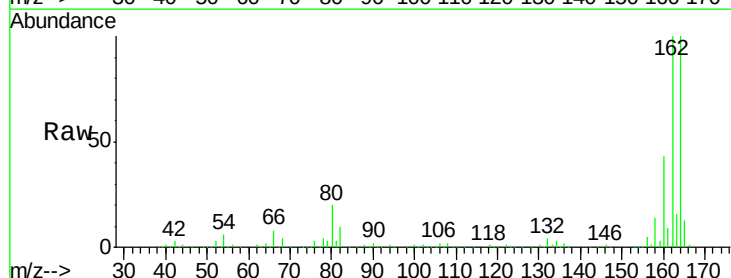


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

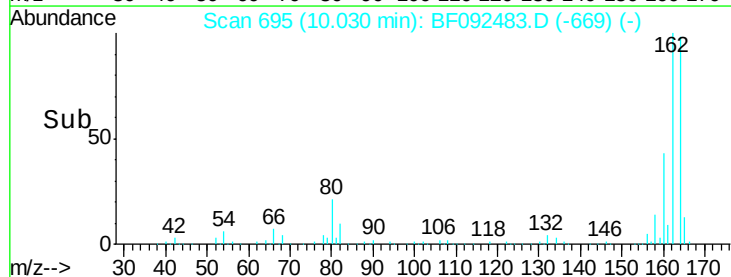
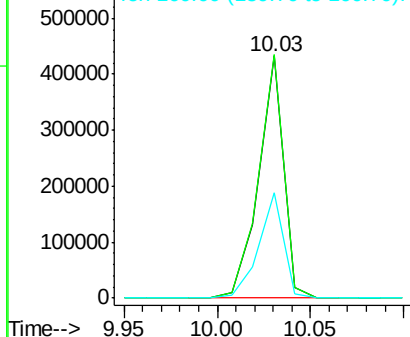


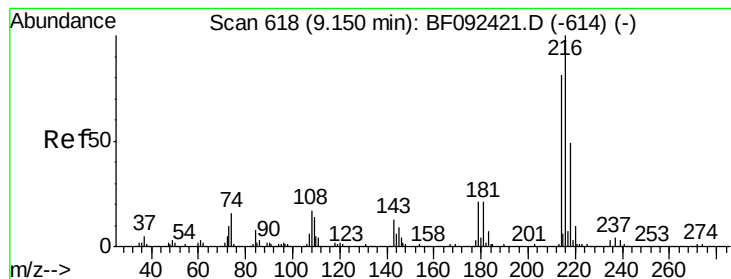
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF092483.D
Acq: 25 Jan 2017 18:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.2	120.2
160	43.6	36.9	55.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.46 ng

RT: 9.15 min Scan# 618

Delta R.T. -0.00 min

Lab File: BF092483.D

Acq: 25 Jan 2017 18:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 434495

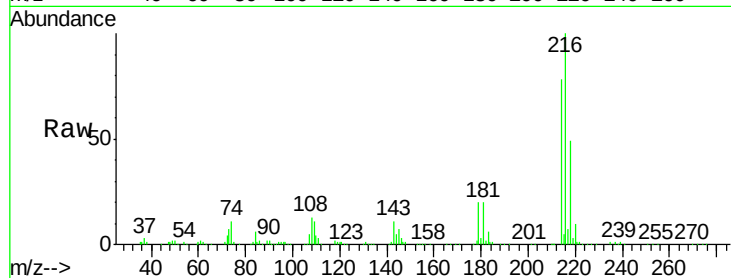
Ion Ratio Lower Upper

216 100

214 78.9 63.4 95.0

179 21.4 17.4 26.2

108 18.8 15.6 23.4

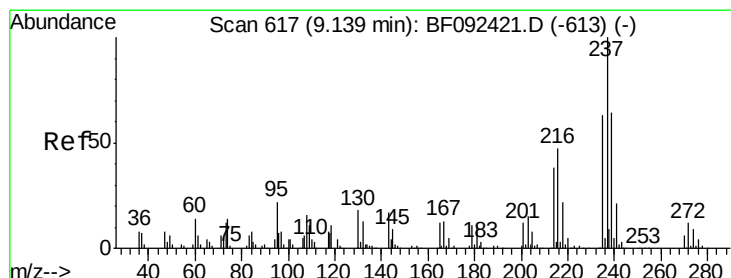
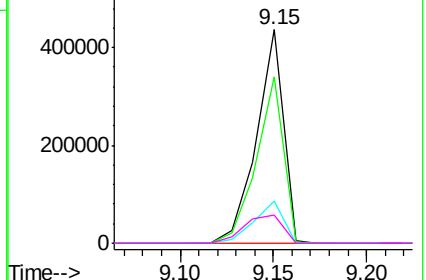
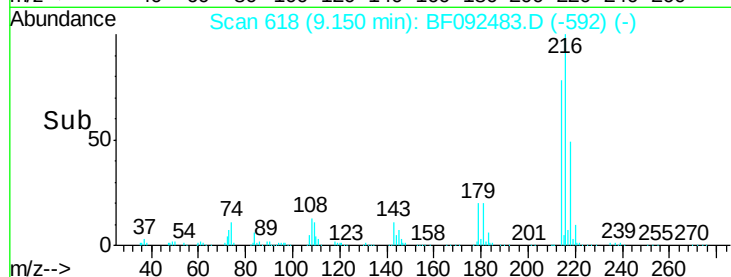


Abundance Ion 216.00 (215.70 to 216.70): E

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: 42.24 ng

RT: 9.14 min Scan# 617

Delta R.T. -0.00 min

Lab File: BF092483.D

Acq: 25 Jan 2017 18:17

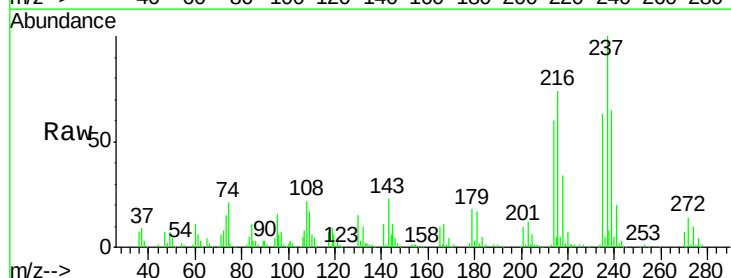
Tgt Ion:237 Resp: 216490

Ion Ratio Lower Upper

237 100

235 63.1 41.2 81.2

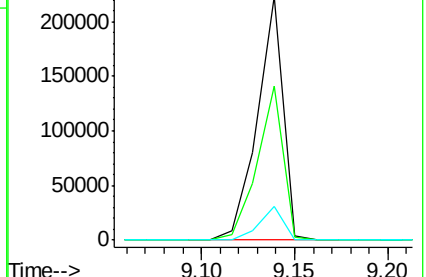
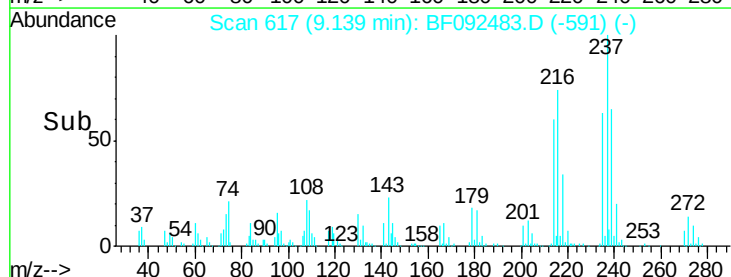
272 13.8 0.0 35.4

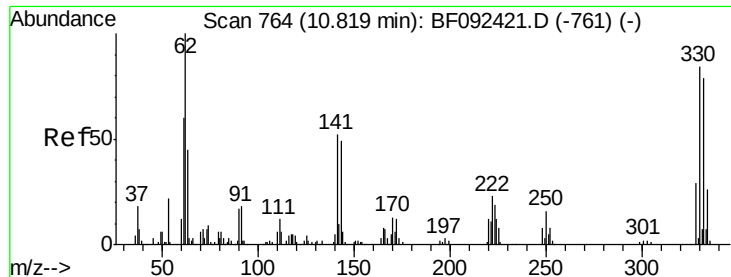


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 84.97 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF092483.D

Acq: 25 Jan 2017 18:17

Instrument :

BNA_F

ClientSampleId :

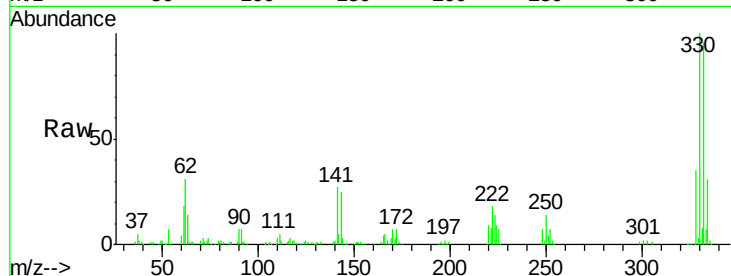
Tot Ion:330 Resp: 234911

Ion Ratio Lower Upper

330 100

332 95.6 77.4 116.2

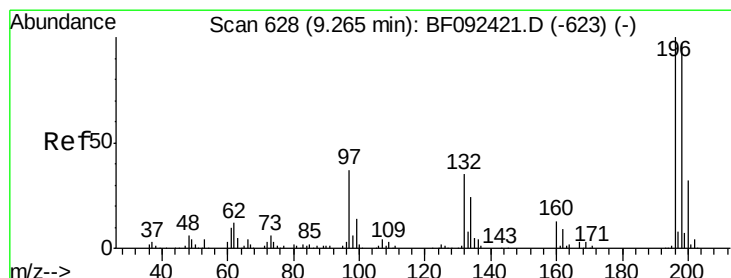
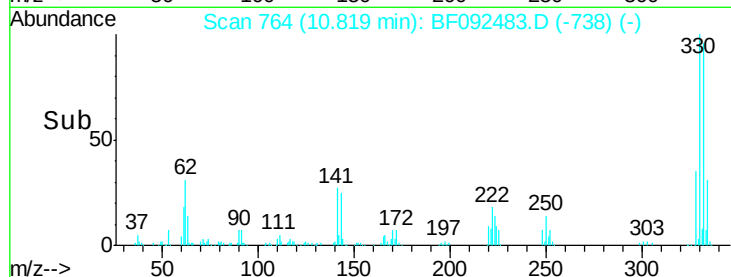
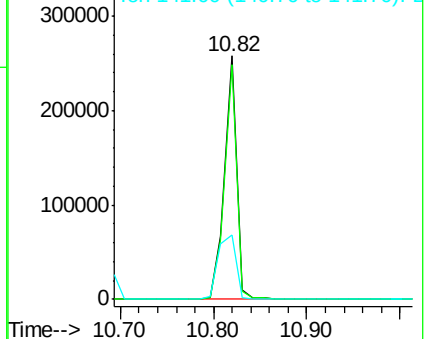
141 38.9 34.1 51.1



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: 39.68 ng

RT: 9.25 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF092483.D

Acq: 25 Jan 2017 18:17

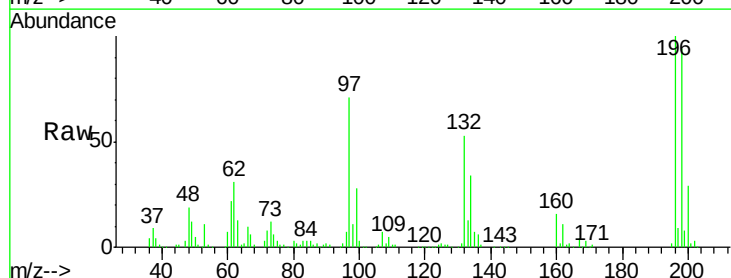
Tgt Ion:196 Resp: 311112

Ion Ratio Lower Upper

196 100

198 93.9 82.1 123.1

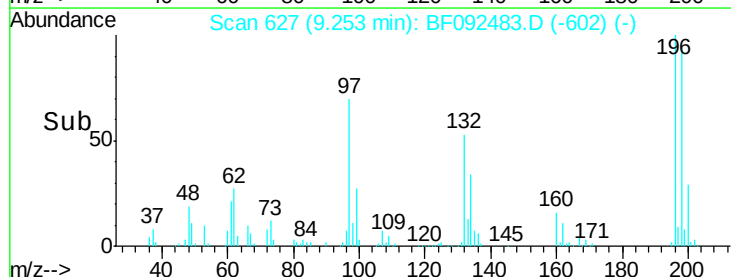
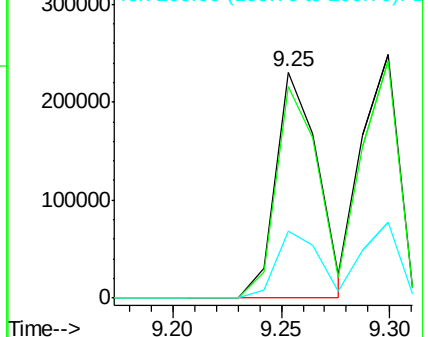
200 29.4 27.0 40.4

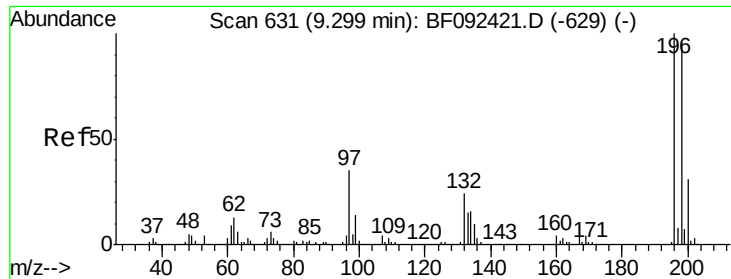


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

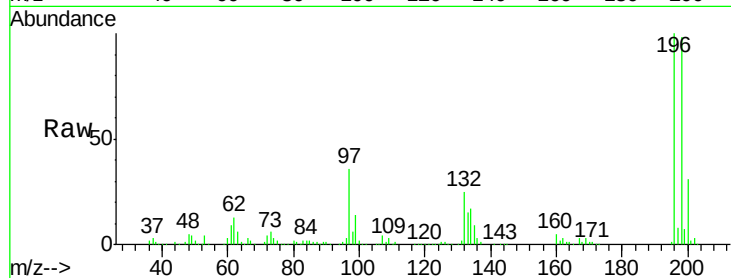




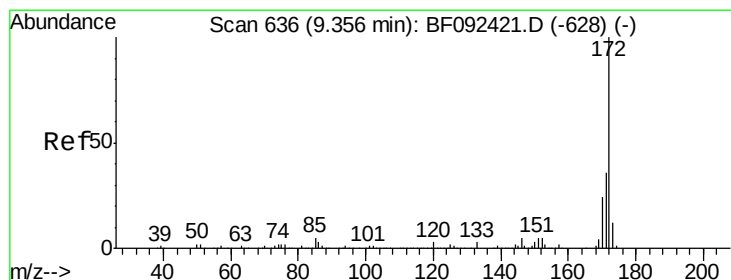
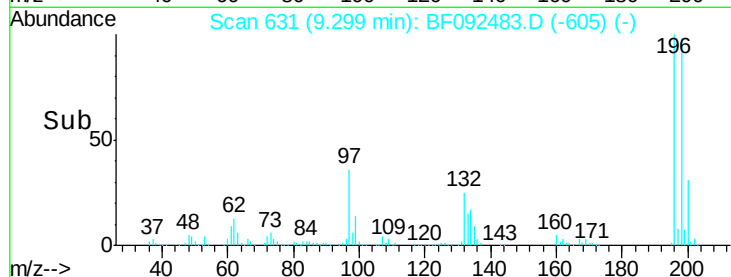
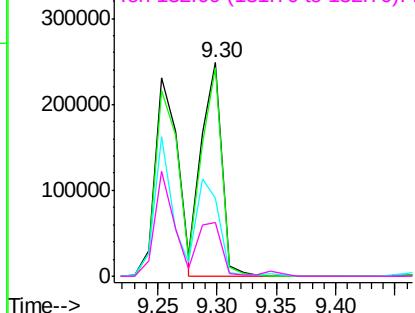
#43
 2,4,5-Trichlorophenol
 Concen: 41.40 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF092483.D
 Acq: 25 Jan 2017 18:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.5	79.4	119.2
97	36.4	51.5	77.3#
132	25.1	27.4	41.2#

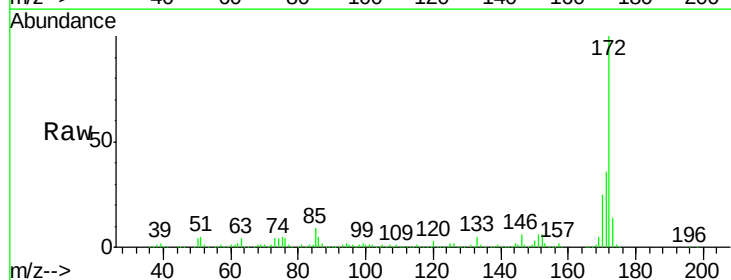


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

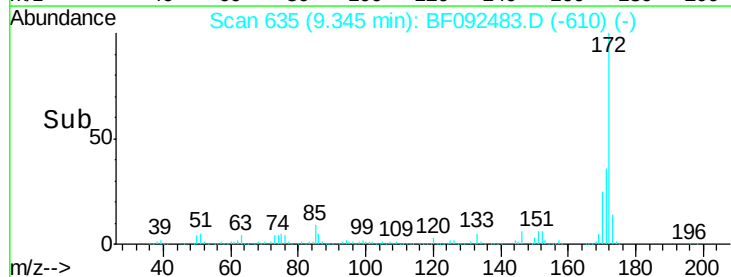
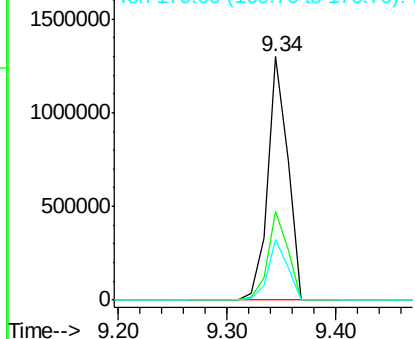


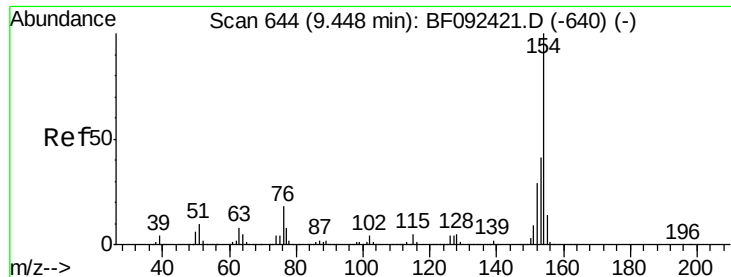
#44
 2-Fluorobiphenyl
 Concen: 75.53 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092483.D
 Acq: 25 Jan 2017 18:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.7	20.2	30.4



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





#45

1,1'-Biphenyl

Concen: 34.69 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.00 min

Lab File: BF092483.D

Acq: 25 Jan 2017 18:17

Instrument :

BNA_F

ClientSampleId :

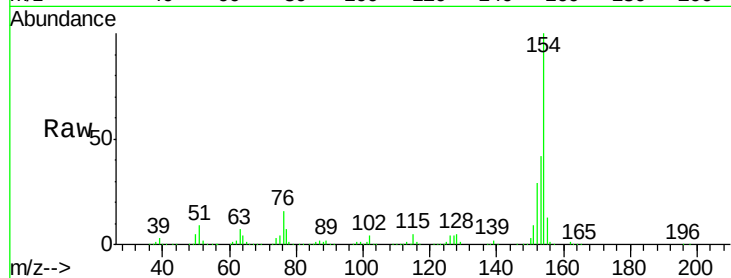
Tot Ion:154 Resp: 1017290

Ion Ratio Lower Upper

154 100

153 42.2 20.9 60.9

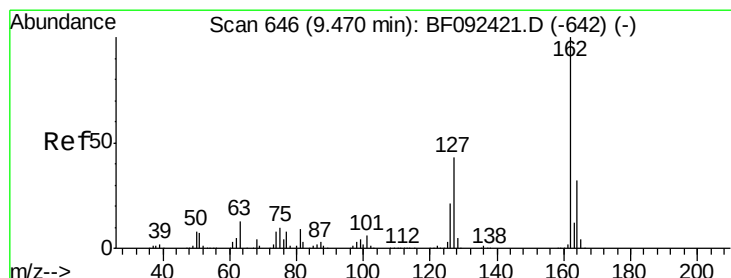
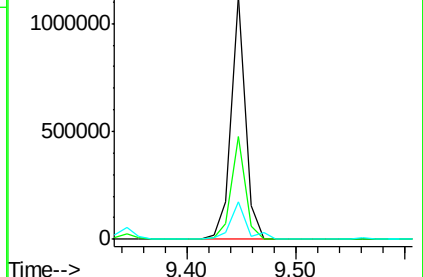
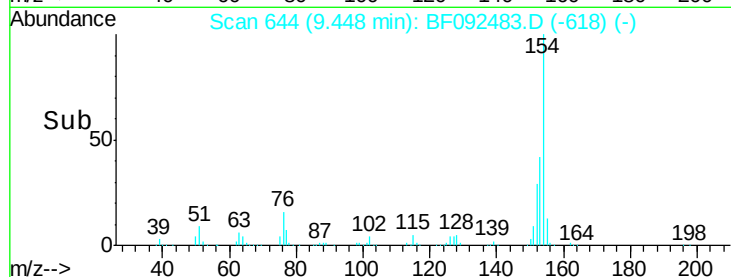
76 15.6 0.0 30.5



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: 35.62 ng

RT: 9.47 min Scan# 646

Delta R.T. -0.00 min

Lab File: BF092483.D

Acq: 25 Jan 2017 18:17

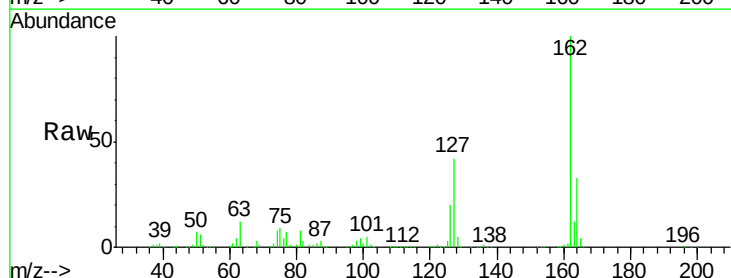
Tgt Ion:162 Resp: 853234

Ion Ratio Lower Upper

162 100

127 42.4 30.7 46.1

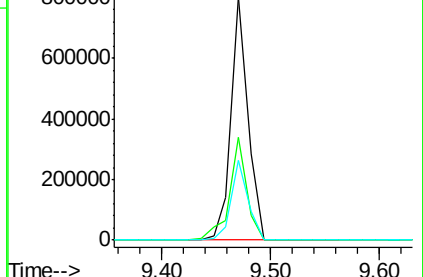
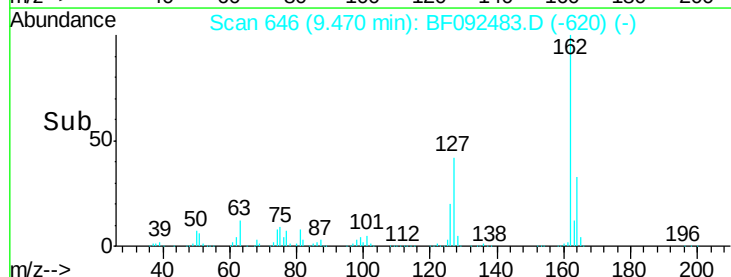
164 32.7 27.6 41.4

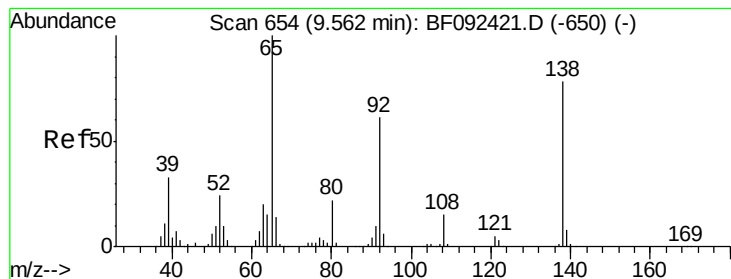


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 36.09 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF092483.D

Acq: 25 Jan 2017 18:17

Instrument :

BNA_F

ClientSampleId :

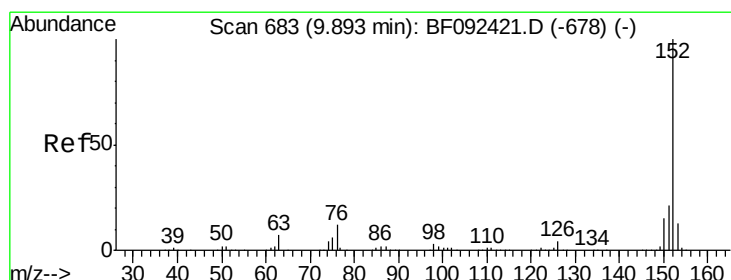
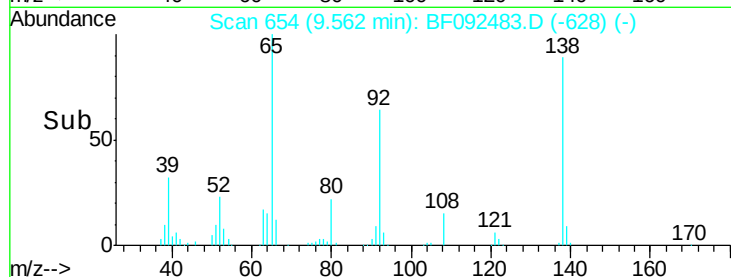
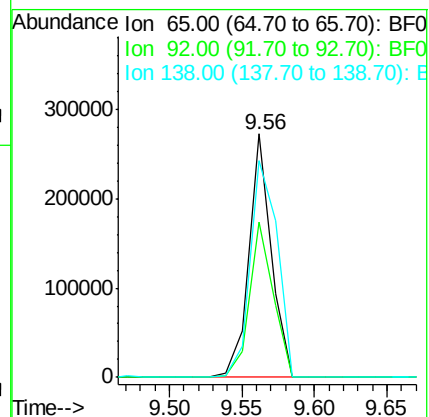
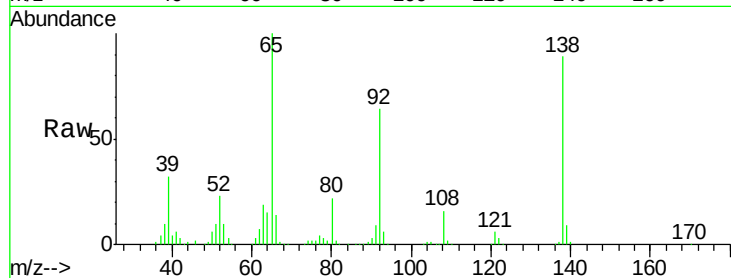
Tot Ion: 65 Resp: 291091

Ion Ratio Lower Upper

65 100

92 63.7 53.9 80.9

138 88.9 76.8 115.2



#48

Acenaphthylene

Concen: 41.78 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF092483.D

Acq: 25 Jan 2017 18:17

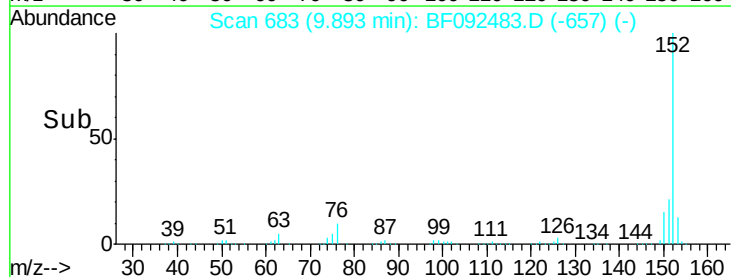
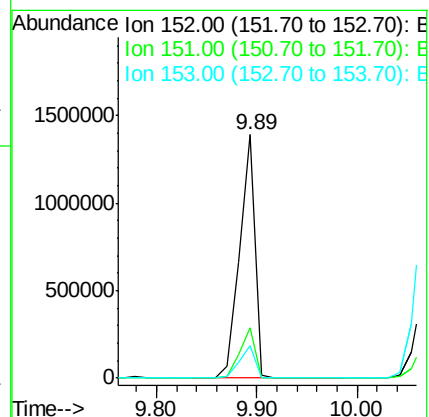
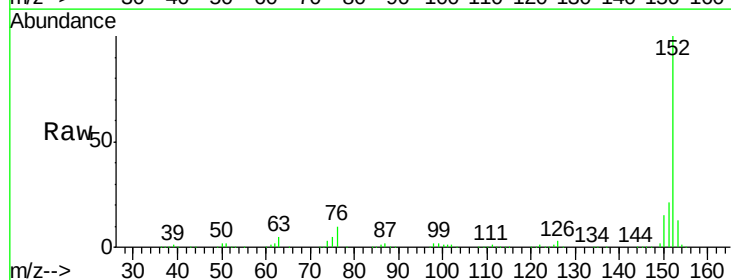
Tgt Ion: 152 Resp: 1467858

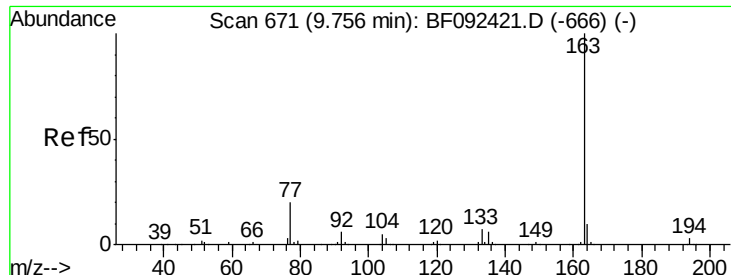
Ion Ratio Lower Upper

152 100

151 20.6 16.9 25.3

153 13.3 11.4 17.2

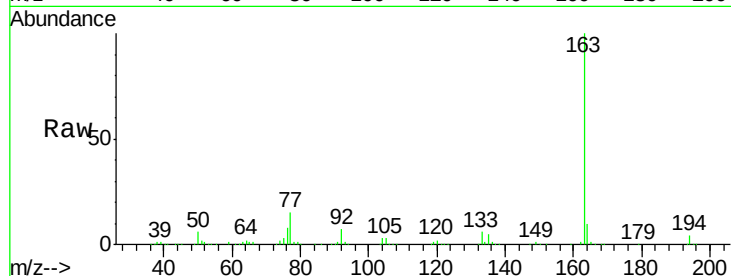




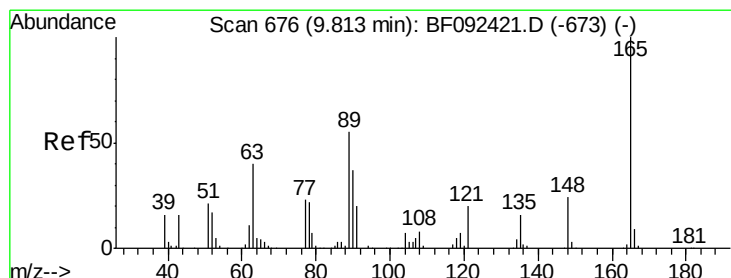
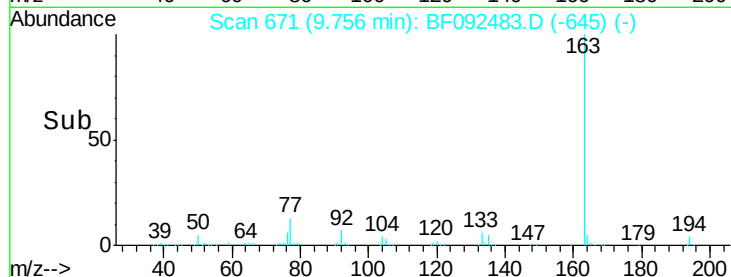
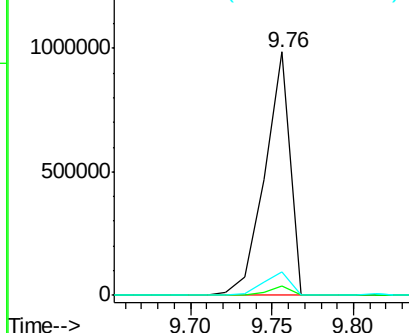
#49
Dimethylphthalate
Concen: 41.02 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF092483.D
Acq: 25 Jan 2017 18:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1058323
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 9.9 8.0 12.0

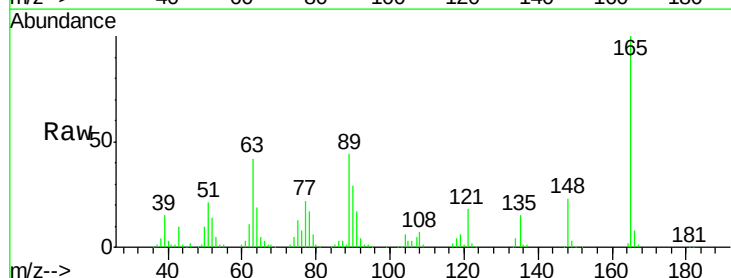


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

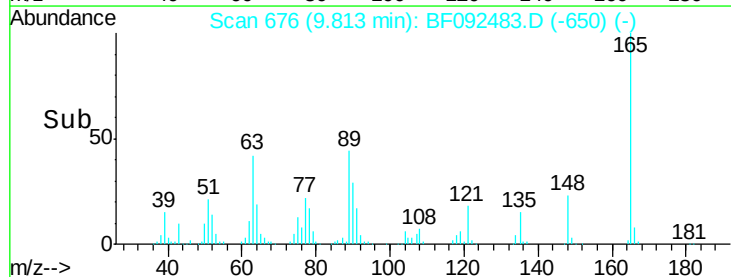
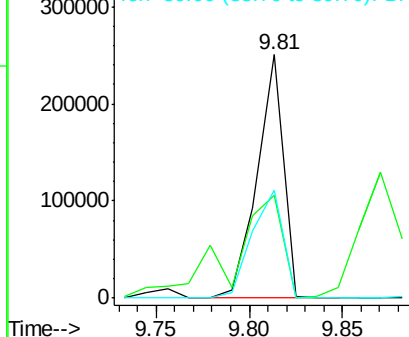


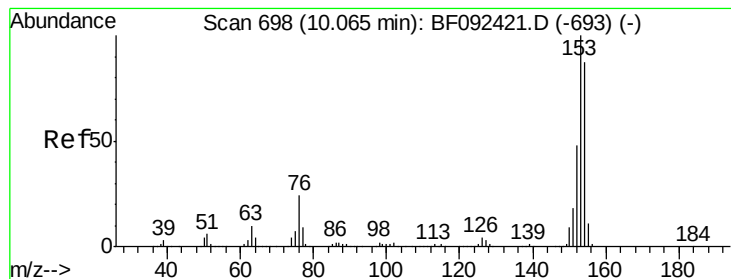
#50
2,6-Dinitrotoluene
Concen: 46.02 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.00 min
Lab File: BF092483.D
Acq: 25 Jan 2017 18:17

Tgt Ion:165 Resp: 242677
Ion Ratio Lower Upper
165 100
63 42.3 36.2 54.4
89 44.1 40.2 60.4



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





#51

Acenaphthene

Concen: 39.75 ng

RT: 10.06 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF092483.D

Acq: 25 Jan 2017 18:17

Instrument :

BNA_F

ClientSampleId :

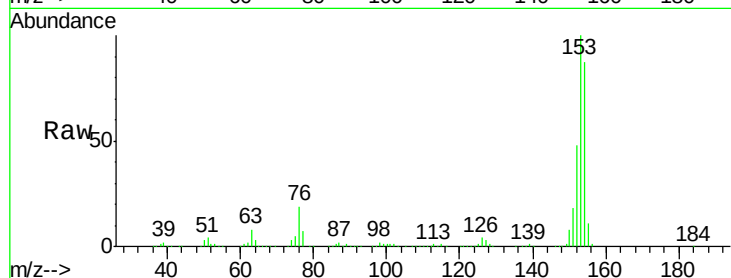
Tot Ion:154 Resp: 867689

Ion Ratio Lower Upper

154 100

153 114.9 88.6 133.0

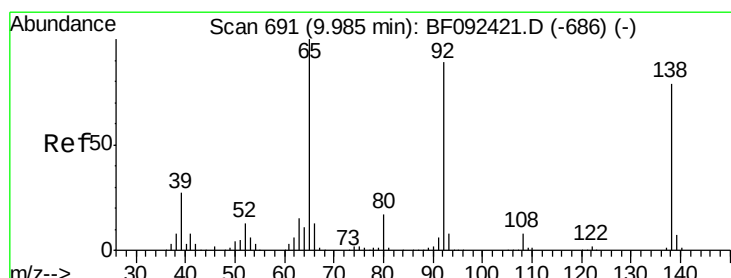
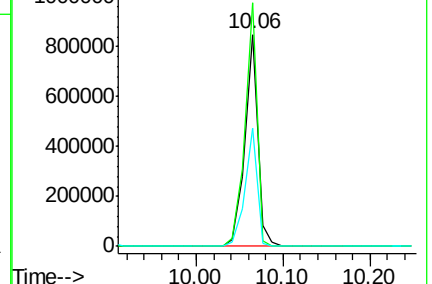
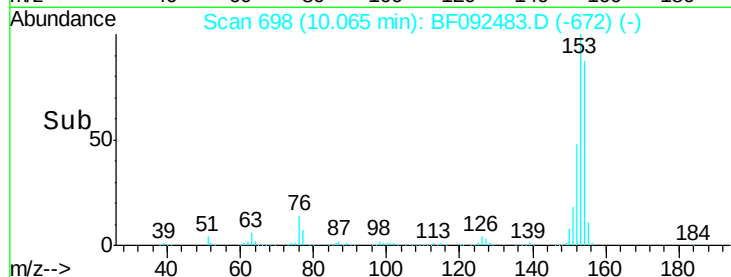
152 55.5 41.6 62.4



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: 44.03 ng

RT: 9.98 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF092483.D

Acq: 25 Jan 2017 18:17

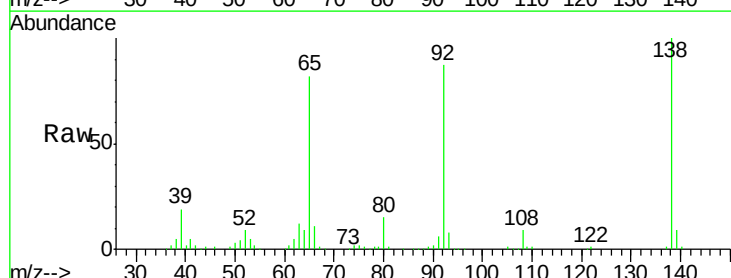
Tgt Ion:138 Resp: 290799

Ion Ratio Lower Upper

138 100

108 9.0 8.5 12.7

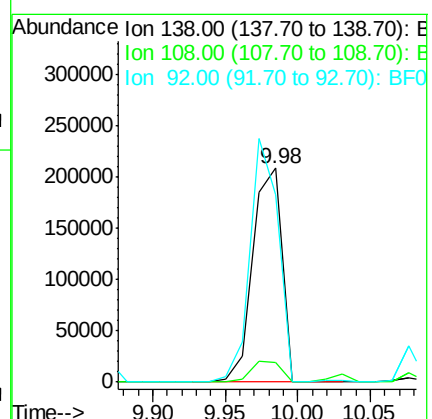
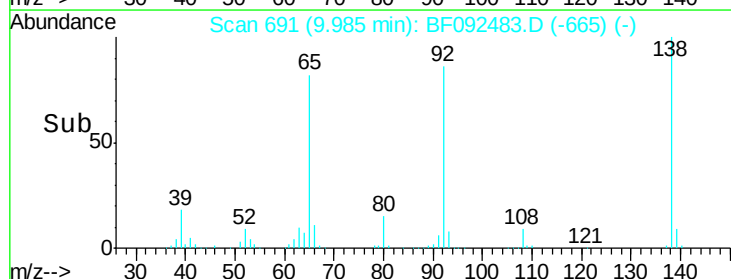
92 87.4 97.8 146.8#

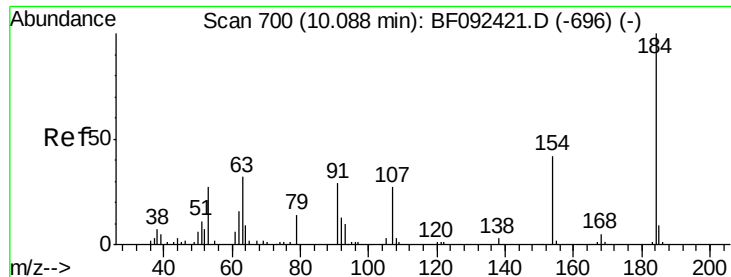


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

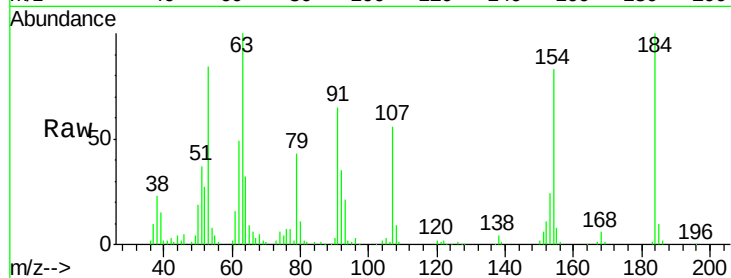




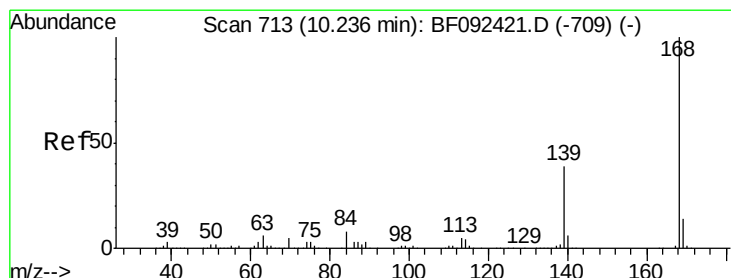
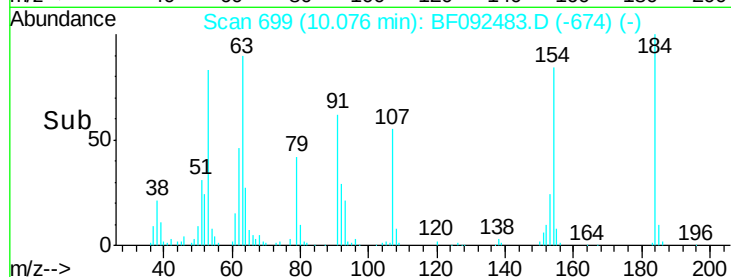
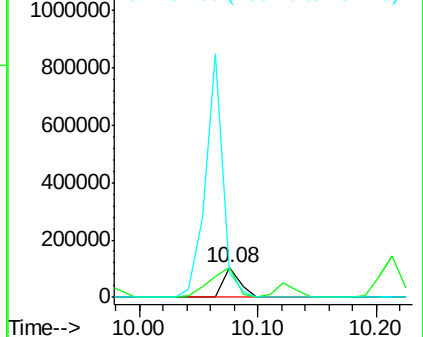
#53
2,4-Dinitrophenol
Concen: 41.82 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF092483.D
Acq: 25 Jan 2017 18:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 100885
Ion Ratio Lower Upper
184 100
63 100.4 28.4 42.6#
154 83.8 44.3 66.5#

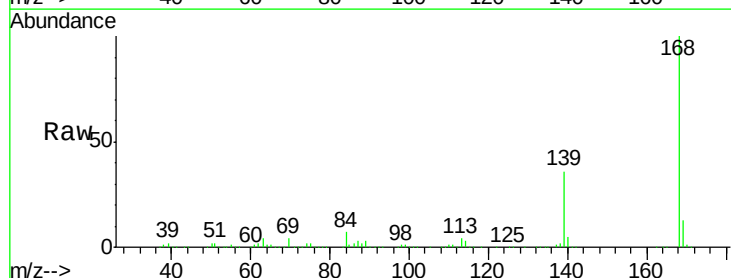


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

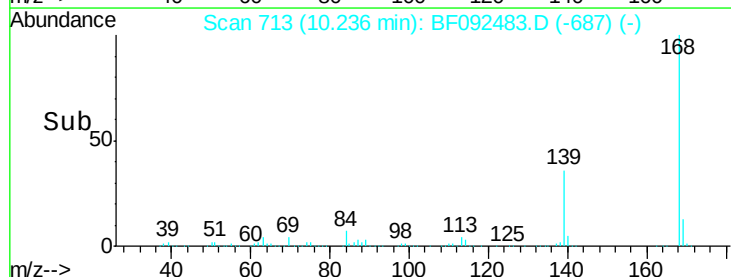
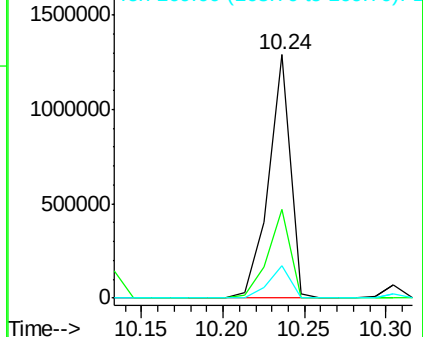


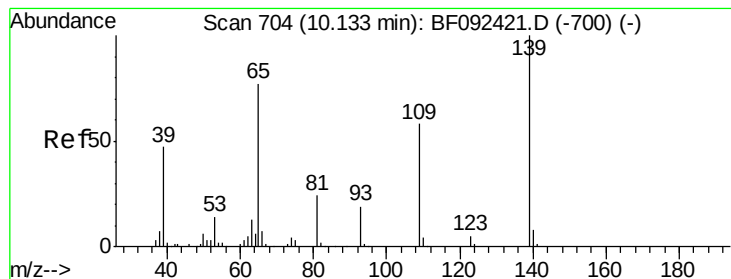
#54
Dibenzofuran
Concen: 40.39 ng
RT: 10.24 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF092483.D
Acq: 25 Jan 2017 18:17

Tgt Ion:168 Resp: 1197257
Ion Ratio Lower Upper
168 100
139 36.2 32.6 49.0
169 13.2 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 40.44 ng

RT: 10.13 min Scan# 704

Delta R.T. -0.00 min

Lab File: BF092483.D

Acq: 25 Jan 2017 18:17

Instrument :

BNA_F

ClientSampleId :

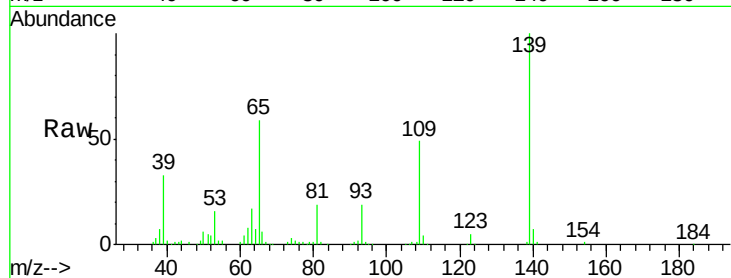
Tot Ion:139 Resp: 212120

Ion Ratio Lower Upper

139 100

109 49.2 52.2 92.2#

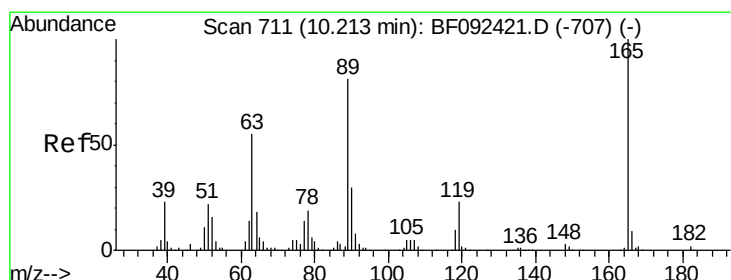
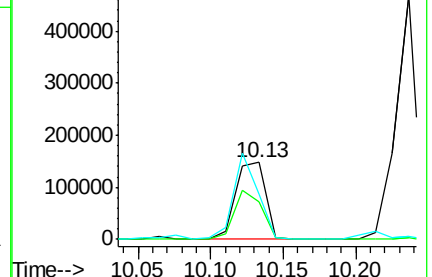
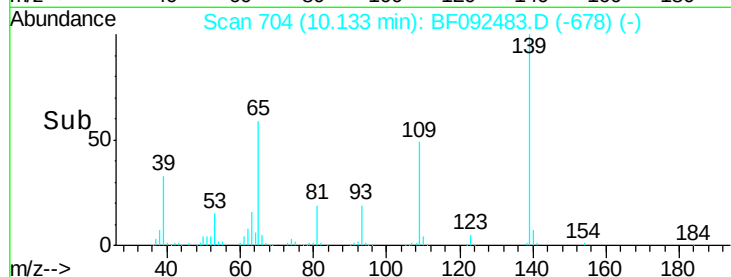
65 59.0 85.8 125.8#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 44.43 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF092483.D

Acq: 25 Jan 2017 18:17

Tgt Ion:165 Resp: 310978

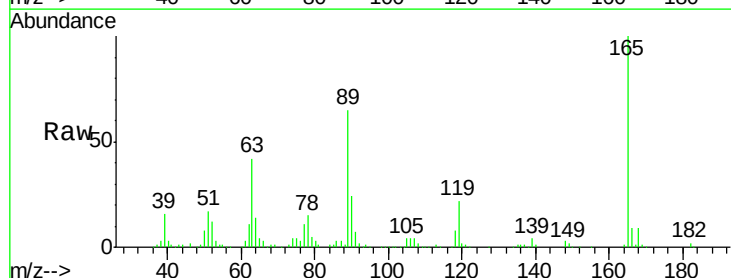
Ion Ratio Lower Upper

165 100

63 42.0 40.2 60.4

89 65.2 62.5 93.7

182 2.3 1.8 2.8

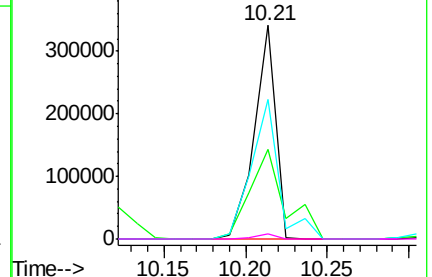
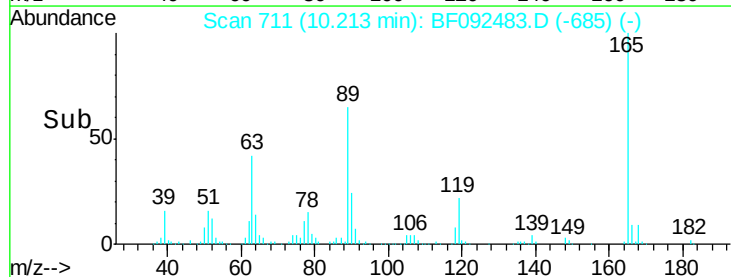


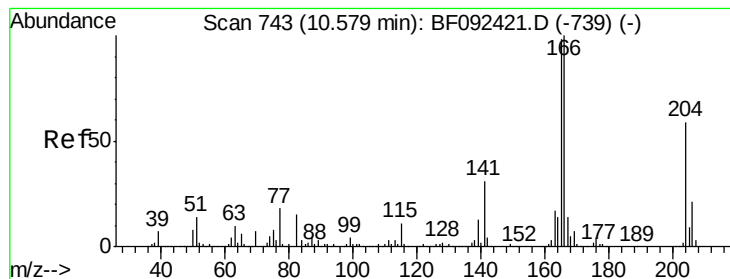
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 42.14 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF092483.D

Acq: 25 Jan 2017 18:17

Instrument :

BNA_F

ClientSampleId :

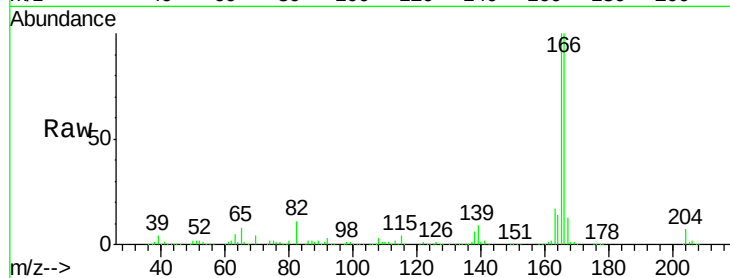
Tot Ion:166 Resp: 926176

Ion Ratio Lower Upper

166 100

165 100.0 77.8 116.8

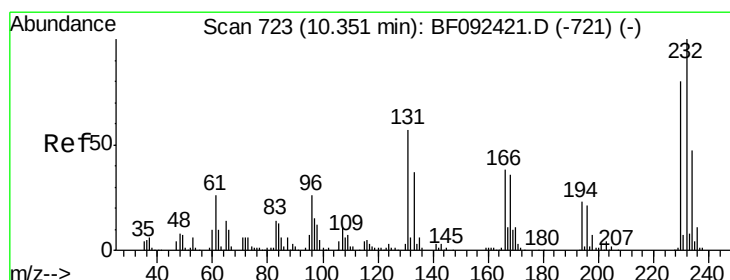
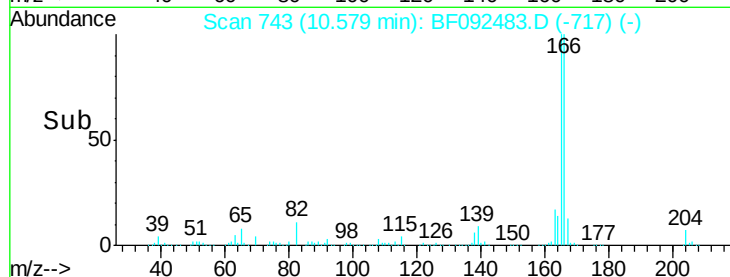
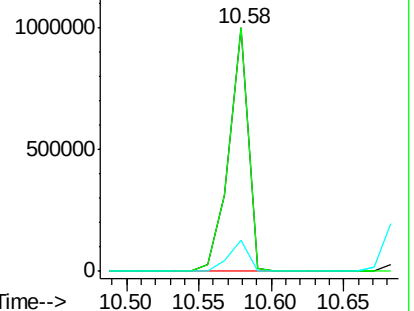
167 13.0 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.72 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF092483.D

Acq: 25 Jan 2017 18:17

Tgt Ion:232 Resp: 229633

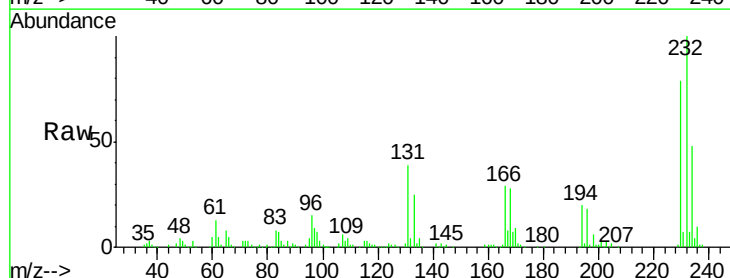
Ion Ratio Lower Upper

232 100

131 47.1 40.1 60.1

130 2.2 1.8 2.8

166 31.8 26.6 39.8

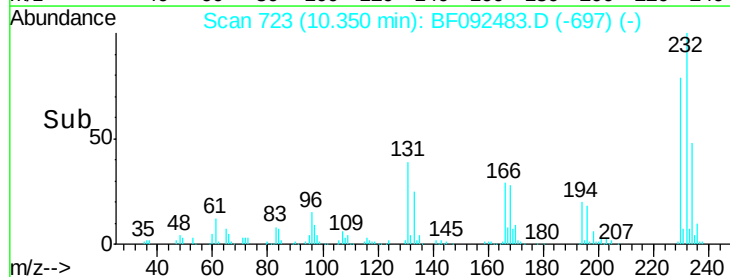
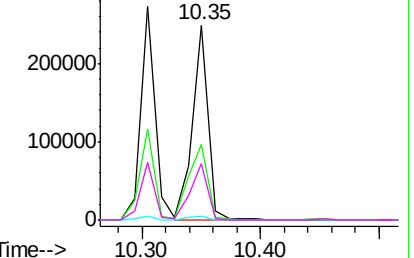


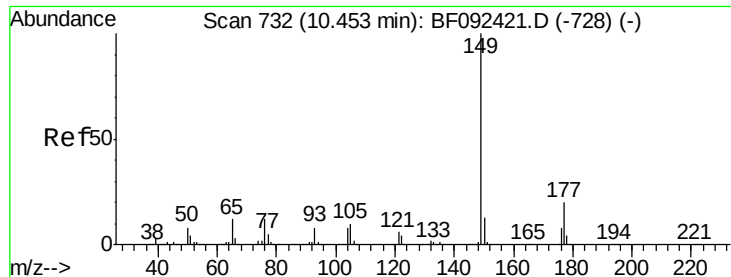
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

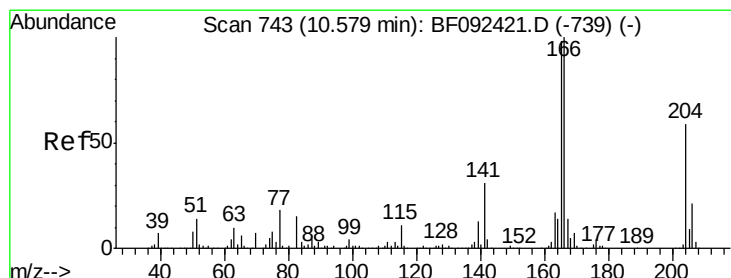
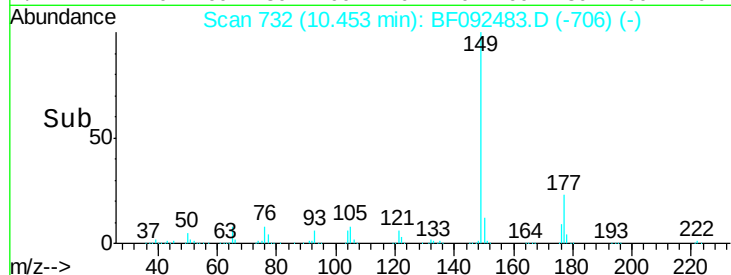
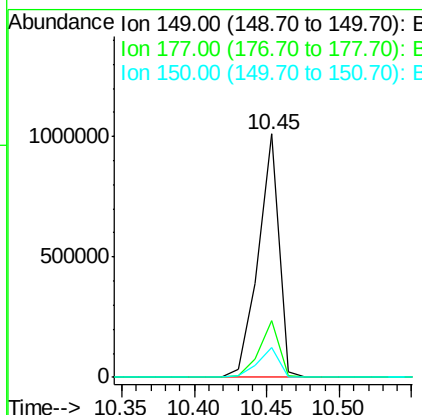
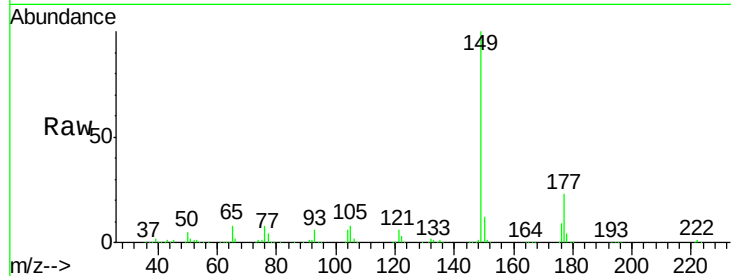




#59
Diethylphthalate
Concen: 40.35 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF092483.D
Acq: 25 Jan 2017 18:17

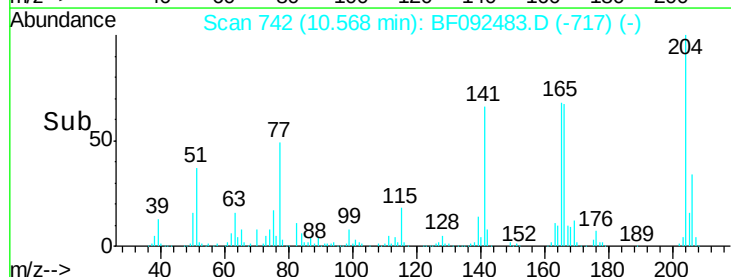
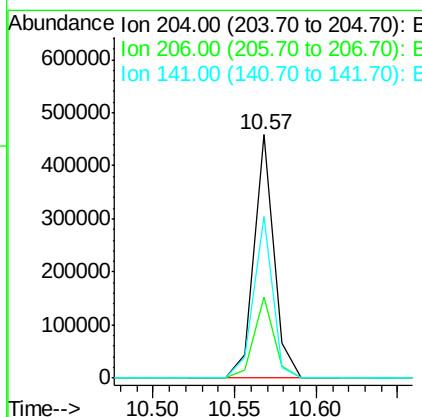
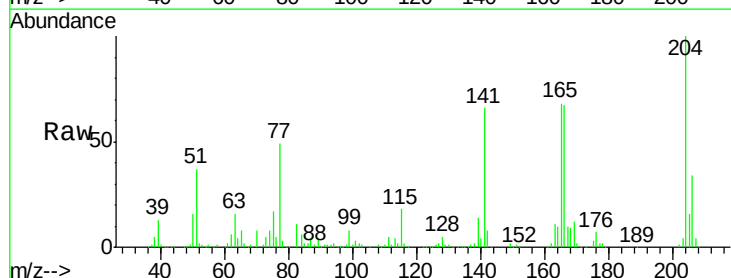
Instrument :
BNA_F
ClientSampleId :

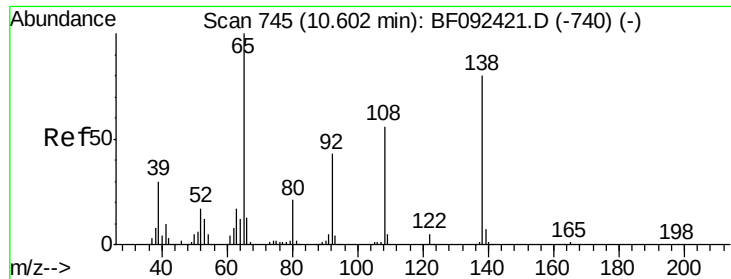
Tot Ion:149 Resp: 998095
Ion Ratio Lower Upper
149 100
177 23.5 16.6 25.0
150 12.3 10.4 15.6



#60
4-Chlorophenyl-phenylether
Concen: 36.65 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF092483.D
Acq: 25 Jan 2017 18:17

Tgt Ion:204 Resp: 390670
Ion Ratio Lower Upper
204 100
206 33.5 25.8 38.6
141 66.2 59.4 89.0

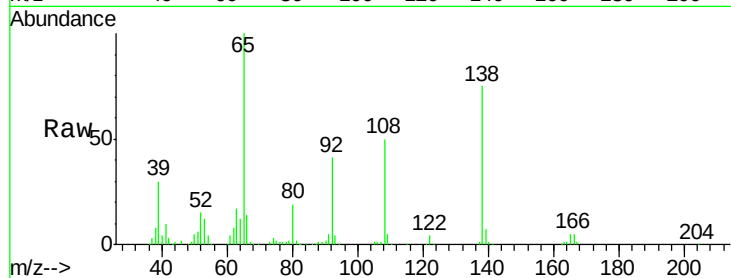




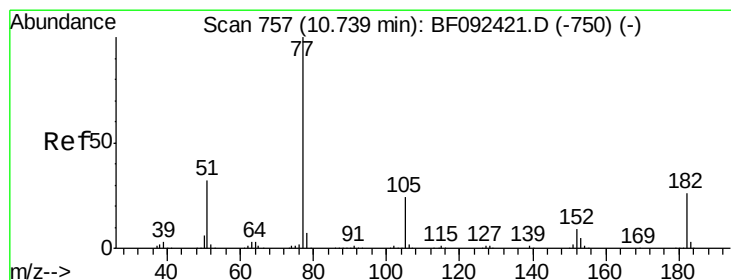
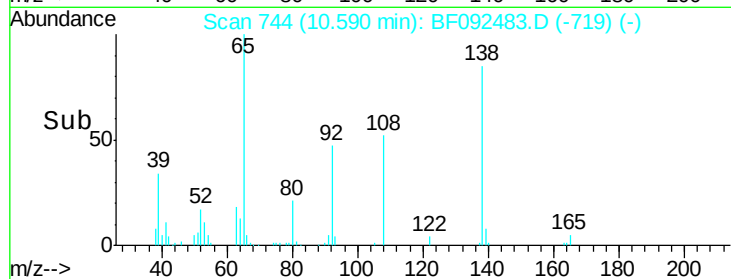
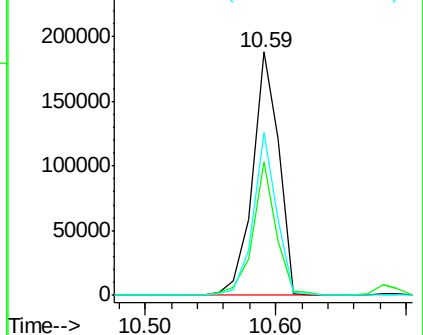
#61
4-Nitroaniline
Concen: 39.79 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF092483.D
Acq: 25 Jan 2017 18:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 262820
Ion Ratio Lower Upper
138 100
92 55.1 31.7 71.7
108 66.8 52.6 92.6

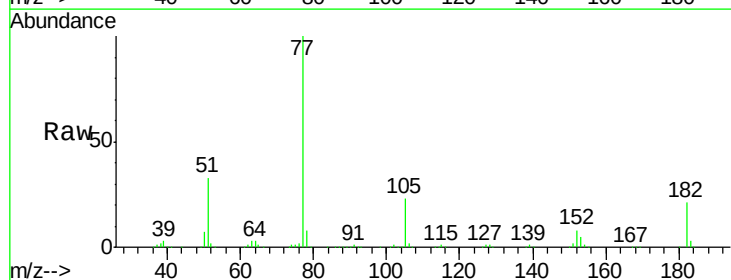


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

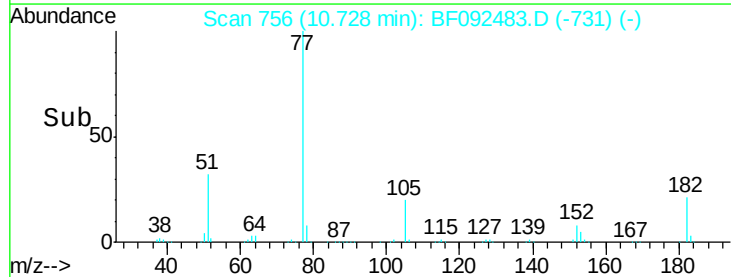
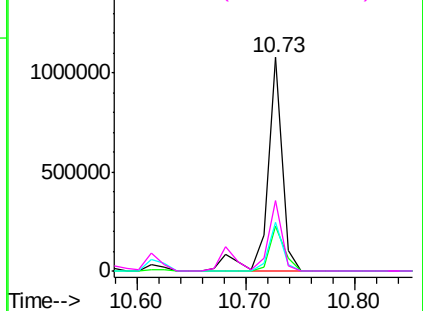


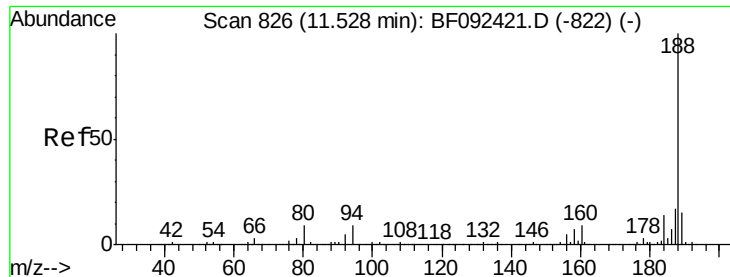
#62
Azobenzene
Concen: 36.77 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF092483.D
Acq: 25 Jan 2017 18:17

Tgt Ion: 77 Resp: 1035013
Ion Ratio Lower Upper
77 100
182 20.8 0.0 39.3
105 22.9 2.3 42.3
51 33.0 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

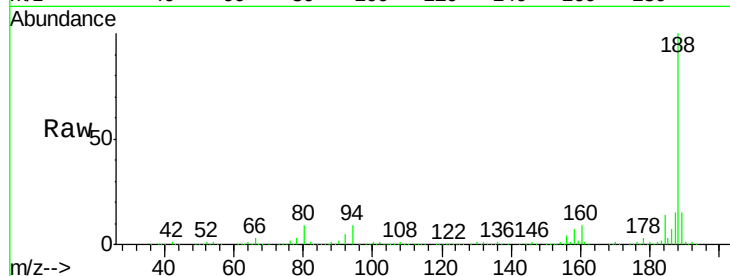




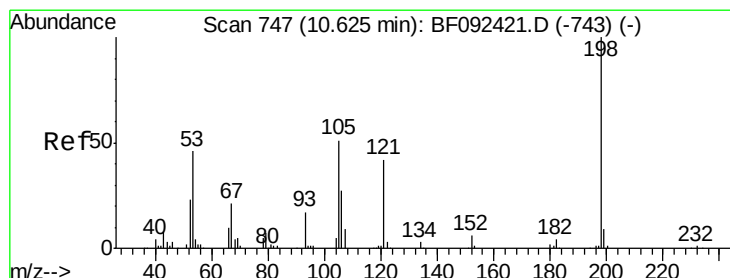
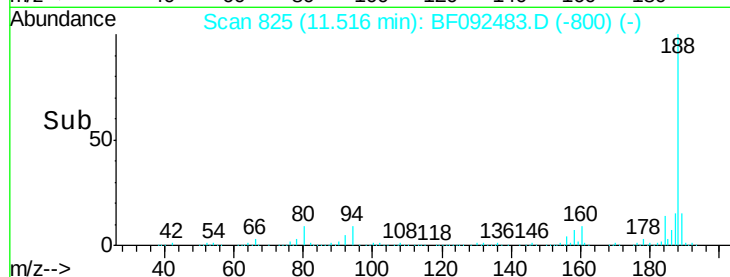
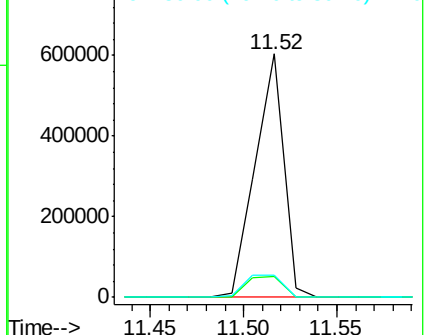
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092483.D
Acq: 25 Jan 2017 18:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 639604
Ion Ratio Lower Upper
188 100
94 8.8 10.0 15.0#
80 9.3 11.2 16.8#

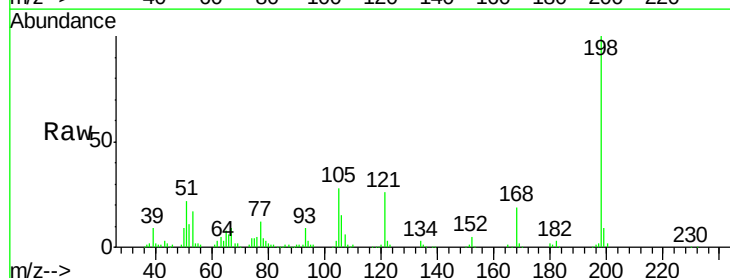


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

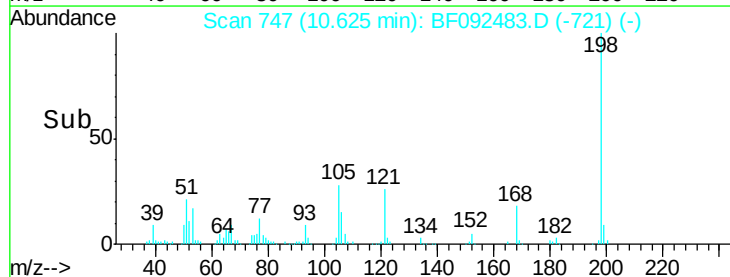
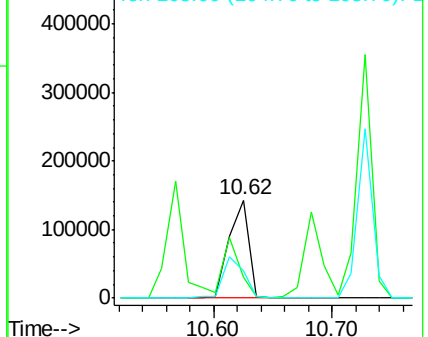


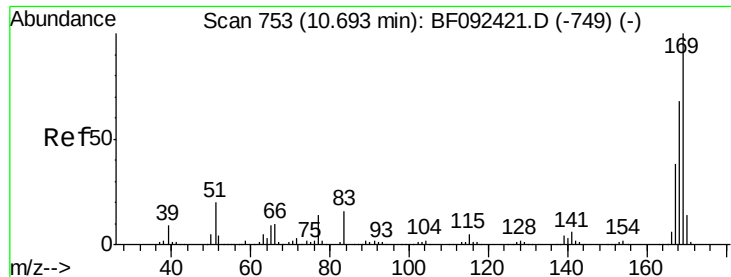
#64
4,6-Dinitro-2-methylphenol
Concen: 48.14 ng
RT: 10.62 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF092483.D
Acq: 25 Jan 2017 18:17

Tgt Ion:198 Resp: 165960
Ion Ratio Lower Upper
198 100
51 21.7 6.7 46.7
105 27.8 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

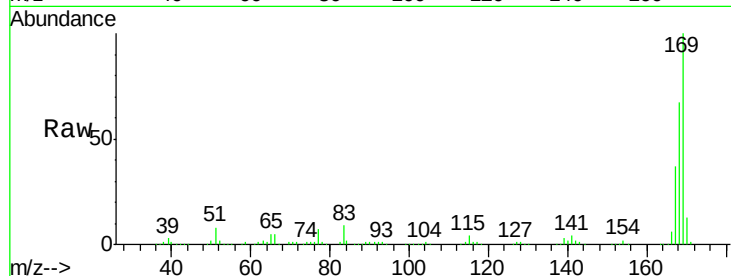




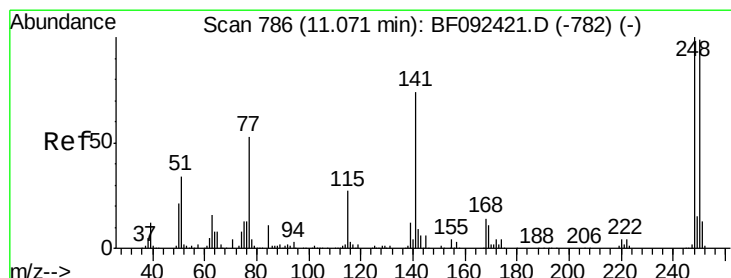
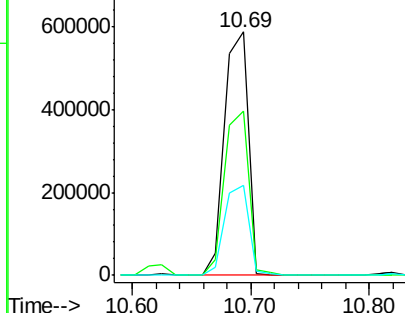
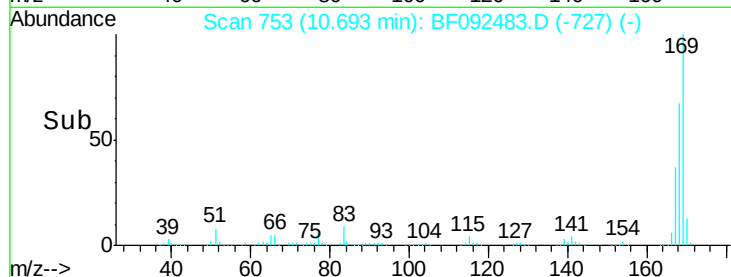
#65
 n-Nitrosodiphenylamine
 Concen: 40.73 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.00 min
 Lab File: BF092483.D
 Acq: 25 Jan 2017 18:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 813479
 Ion Ratio Lower Upper
 169 100
 168 67.5 54.2 81.2
 167 36.8 30.2 45.4

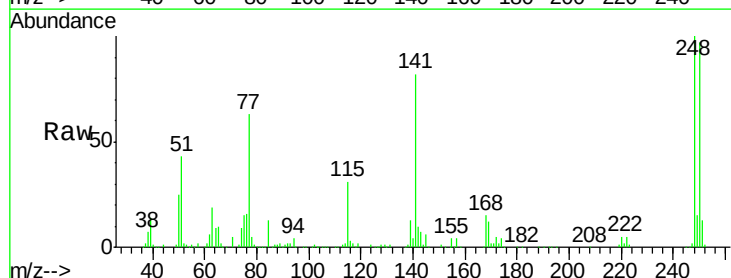


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

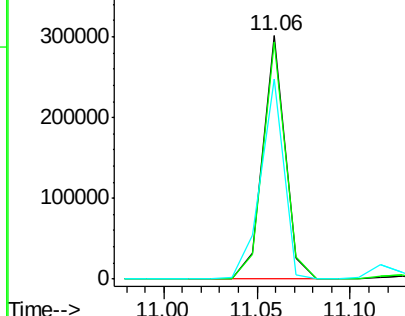
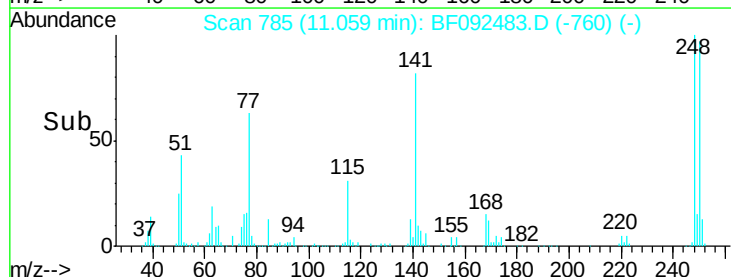


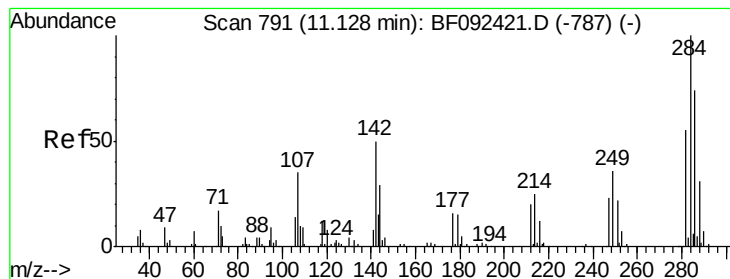
#66
 4-Bromophenyl-phenylether
 Concen: 38.40 ng
 RT: 11.06 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF092483.D
 Acq: 25 Jan 2017 18:17

Tgt Ion:248 Resp: 247956
 Ion Ratio Lower Upper
 248 100
 250 97.5 76.9 115.3
 141 82.1 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: 41.64 ng

RT: 11.13 min Scan# 791

Delta R.T. -0.00 min

Lab File: BF092483.D

Acq: 25 Jan 2017 18:17

Instrument :

BNA_F

ClientSampleId :

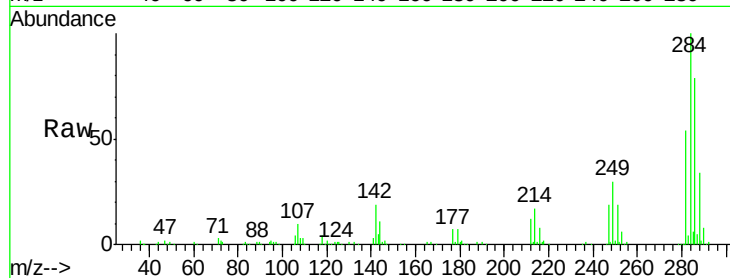
Tot Ion:284 Resp: 271826

Ion Ratio Lower Upper

284 100

142 18.7 22.6 33.8#

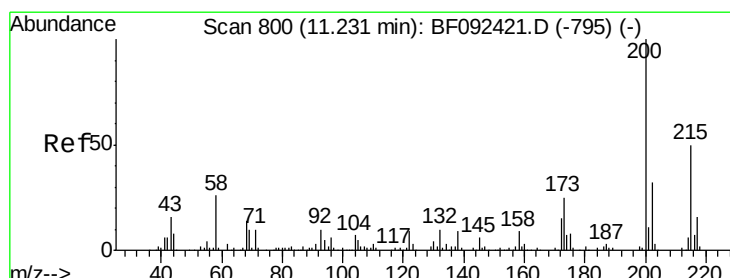
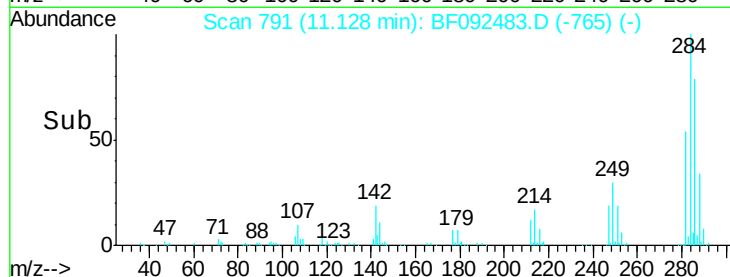
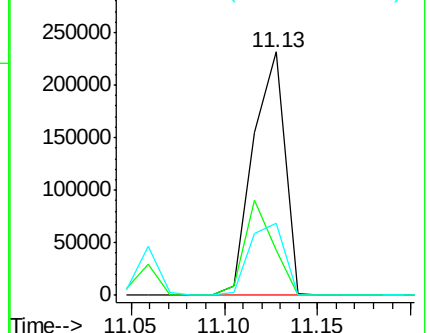
249 29.9 25.4 38.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 42.76 ng

RT: 11.22 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF092483.D

Acq: 25 Jan 2017 18:17

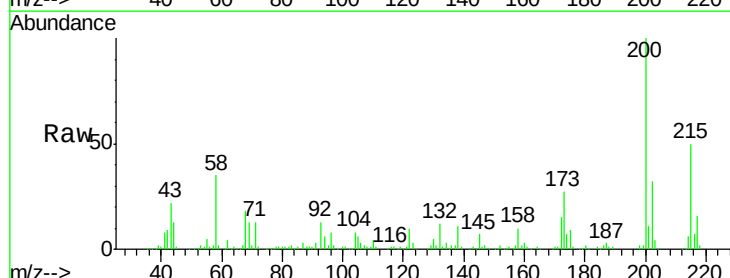
Tgt Ion:200 Resp: 292345

Ion Ratio Lower Upper

200 100

173 26.5 9.6 49.6

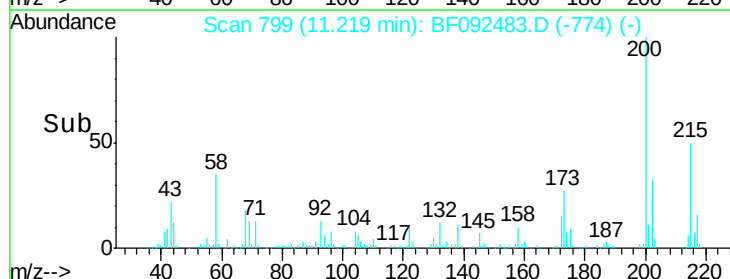
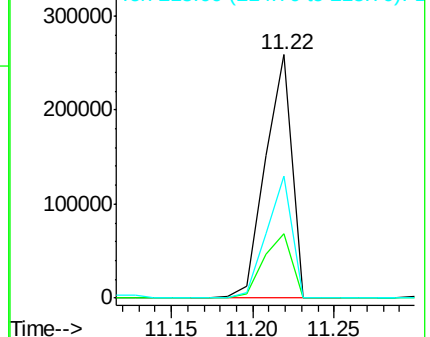
215 49.9 25.7 65.7

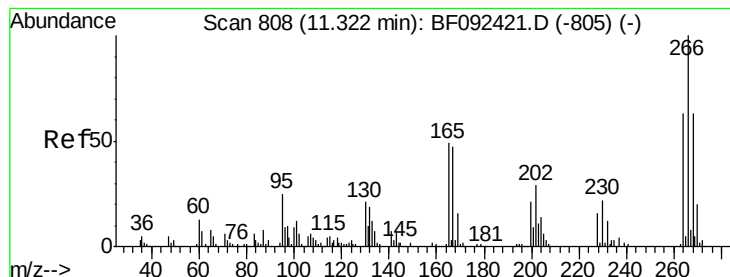


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 40.03 ng

RT: 11.31 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF092483.D

Acq: 25 Jan 2017 18:17

Instrument :

BNA_F

ClientSampleId :

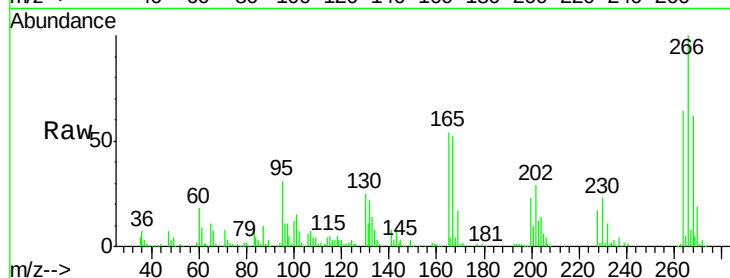
Tot Ion:266 Resp: 167083

Ion Ratio Lower Upper

266 100

268 62.5 53.3 79.9

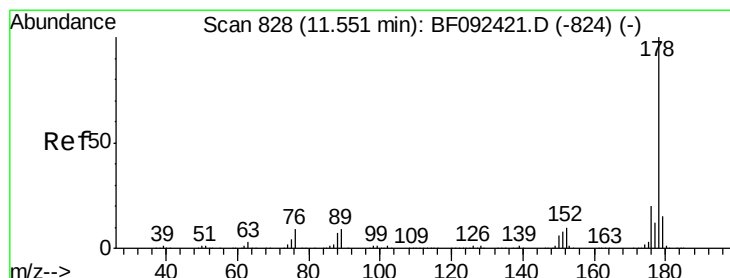
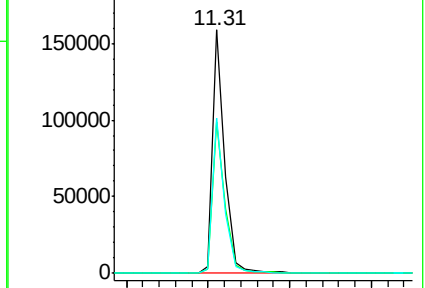
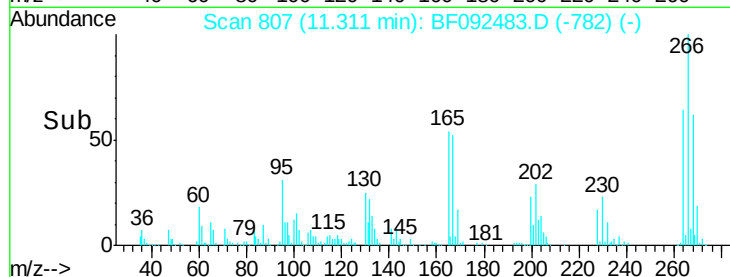
264 63.8 50.3 75.5



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: 37.46 ng

RT: 11.54 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF092483.D

Acq: 25 Jan 2017 18:17

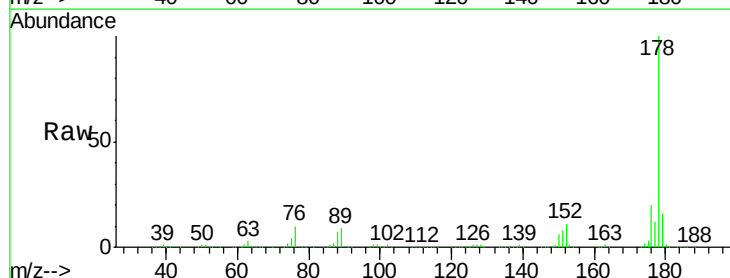
Tgt Ion:178 Resp: 1319402

Ion Ratio Lower Upper

178 100

176 20.1 16.6 25.0

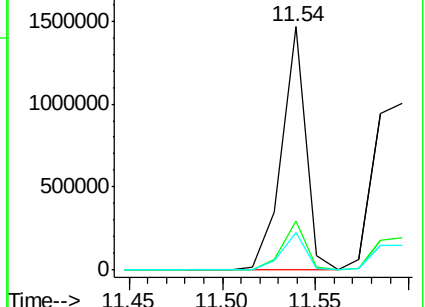
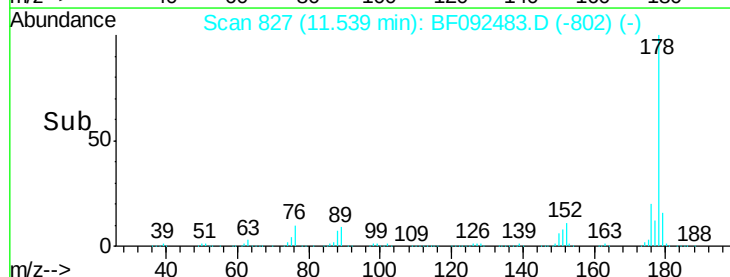
179 15.7 12.8 19.2

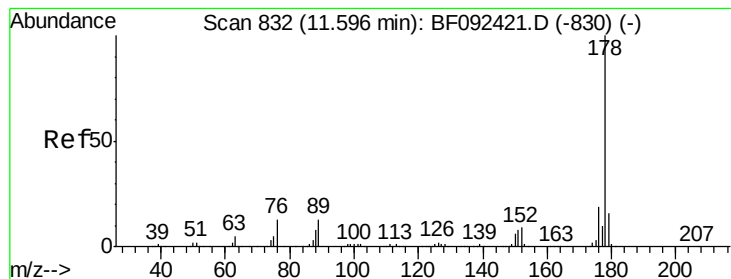


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 40.42 ng

RT: 11.60 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF092483.D

Acq: 25 Jan 2017 18:17

Instrument :

BNA_F

ClientSampleId :

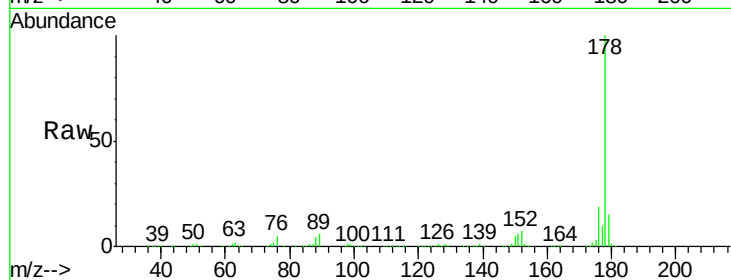
Tot Ion:178 Resp: 1391402

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.9	23.9
179	14.7	13.2	19.8

178 100

176 19.3 15.9 23.9

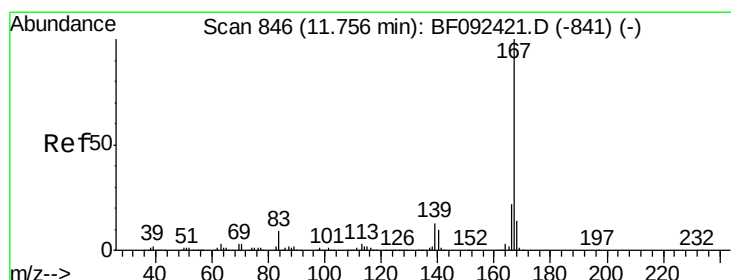
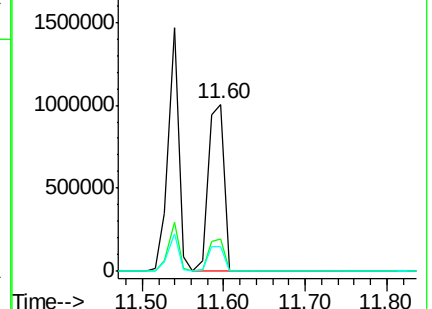
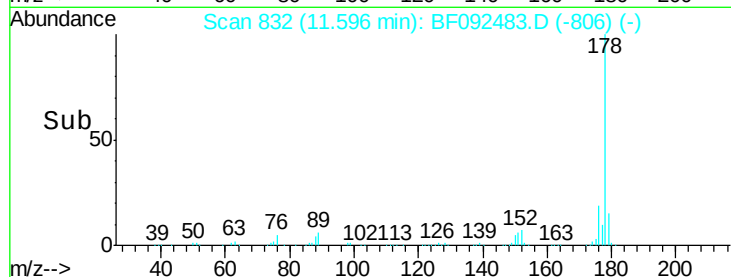
179 14.7 13.2 19.8



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: 39.29 ng

RT: 11.74 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF092483.D

Acq: 25 Jan 2017 18:17

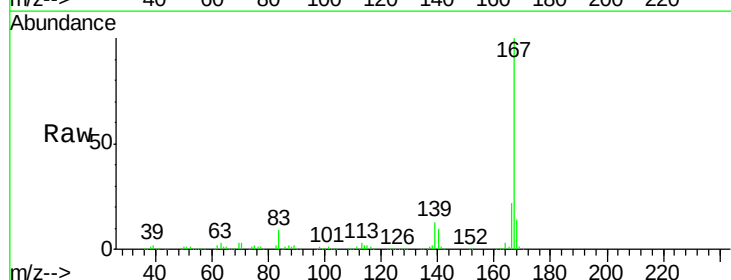
Tgt Ion:167 Resp: 1291357

Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.2	27.2
139	13.1	11.4	17.2

167 100

166 22.4 18.2 27.2

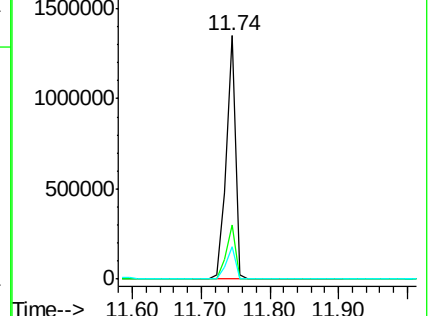
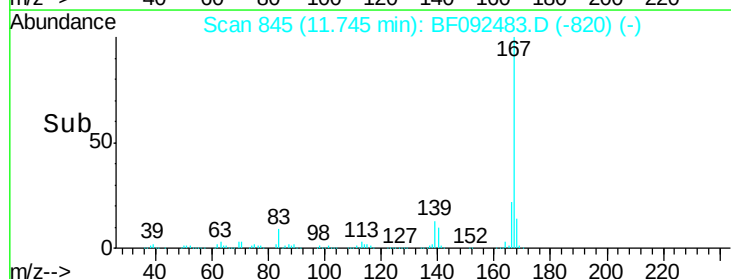
139 13.1 11.4 17.2

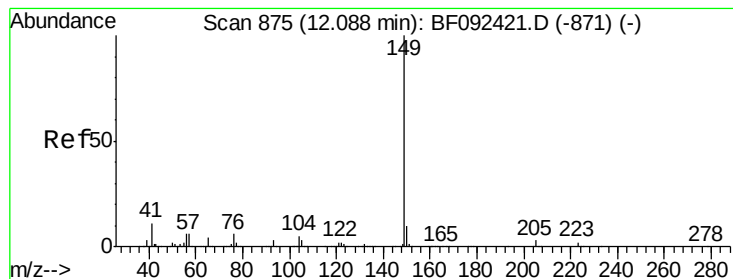


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.56 ng

RT: 12.08 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF092483.D

Acq: 25 Jan 2017 18:17

Instrument :

BNA_F

ClientSampleId :

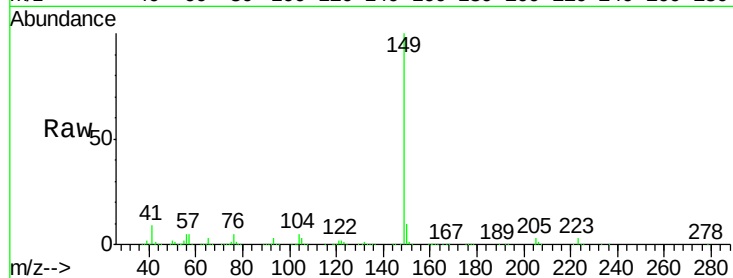
Tot Ion:149 Resp: 1411420

Ion Ratio Lower Upper

149 100

150 9.7 8.1 12.1

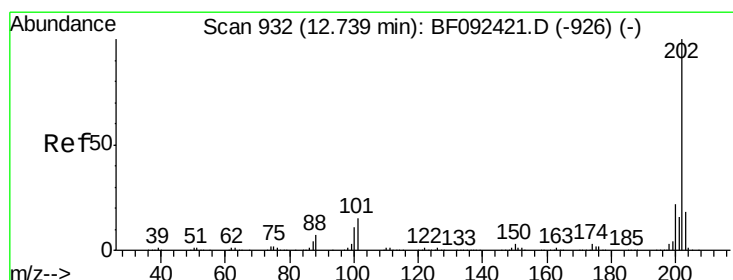
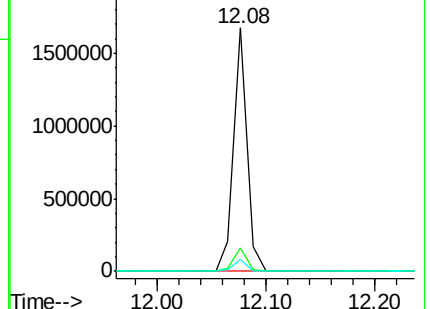
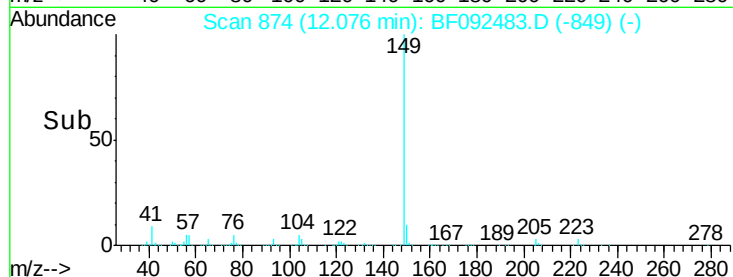
104 4.8 4.6 7.0



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: 40.64 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF092483.D

Acq: 25 Jan 2017 18:17

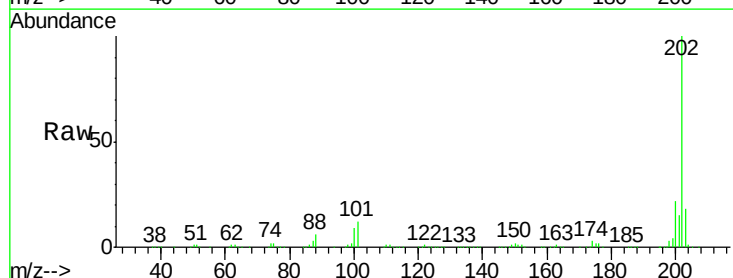
Tgt Ion:202 Resp: 1400305

Ion Ratio Lower Upper

202 100

101 12.4 0.0 34.6

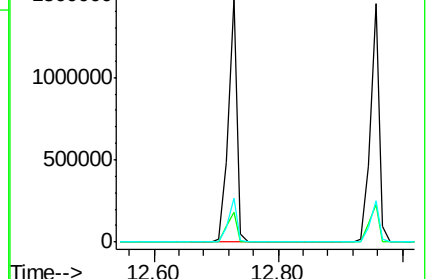
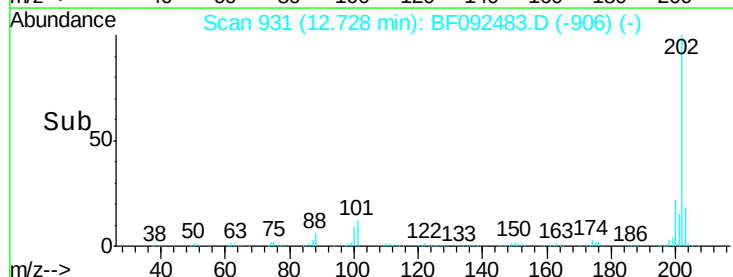
203 17.9 0.0 38.7

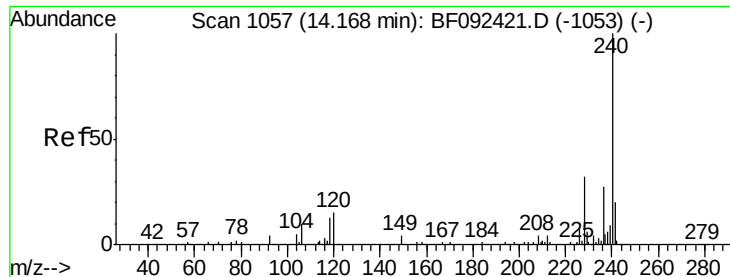


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF092483.D

Acq: 25 Jan 2017 18:17

Instrument :

BNA_F

ClientSampleId :

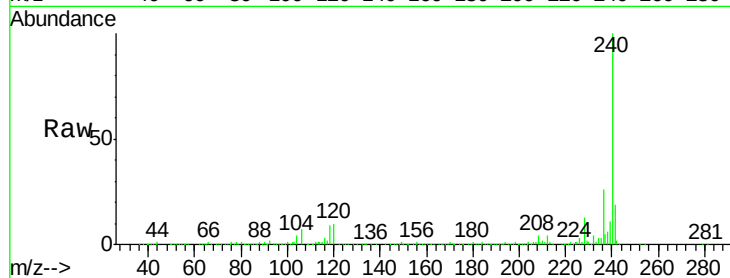
Tot Ion:240 Resp: 534509

Ion Ratio Lower Upper

240 100

120 10.2 12.9 19.3#

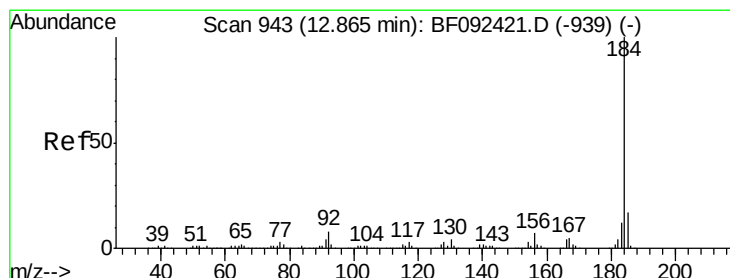
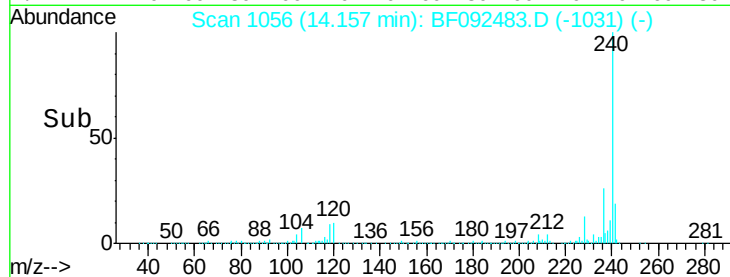
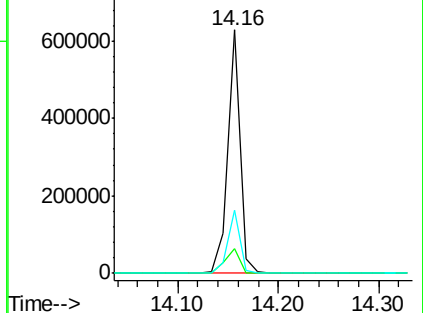
236 26.1 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 40.02 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.02 min

Lab File: BF092483.D

Acq: 25 Jan 2017 18:17

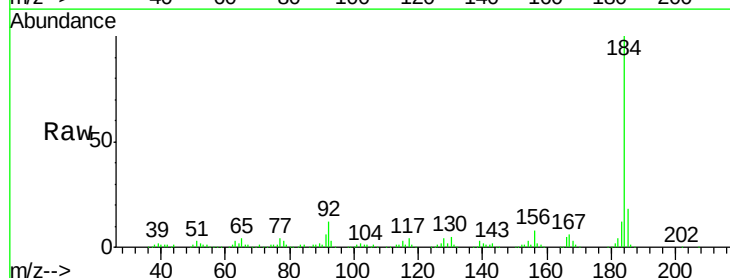
Tgt Ion:184 Resp: 794011

Ion Ratio Lower Upper

184 100

185 18.0 13.4 20.0

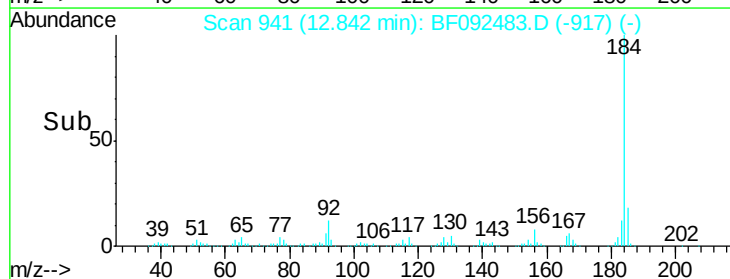
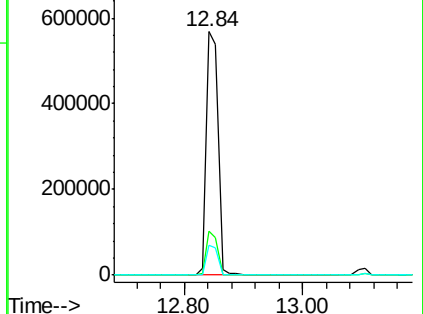
183 12.2 9.2 13.8

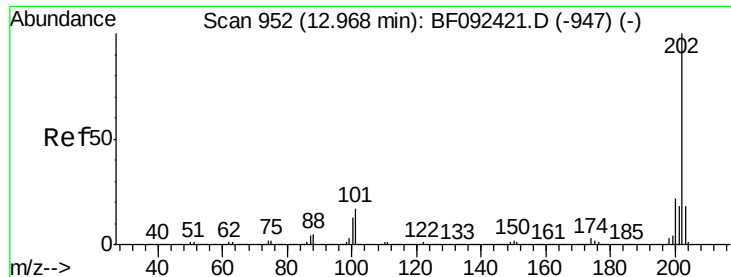


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 35.97 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF092483.D

Acq: 25 Jan 2017 18:17

Instrument :

BNA_F

ClientSampleId :

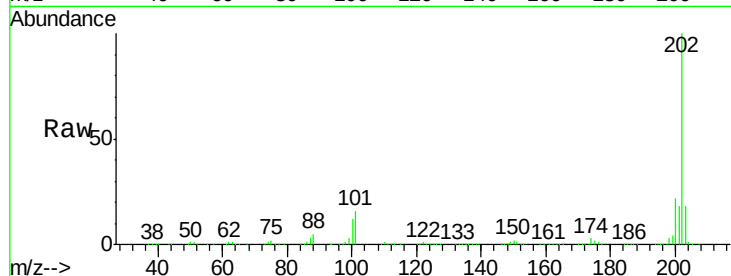
Tot Ion:202 Resp: 1392930

Ion Ratio Lower Upper

202 100

200 21.9 17.7 26.5

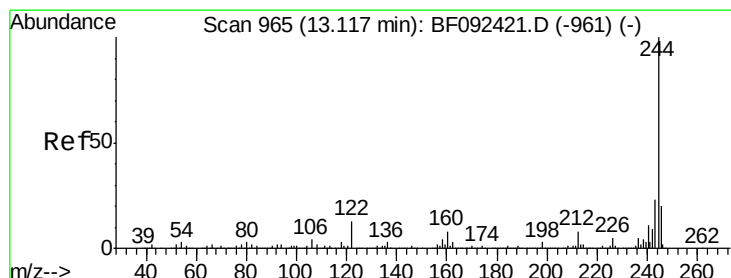
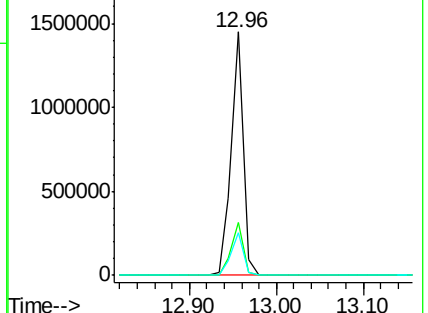
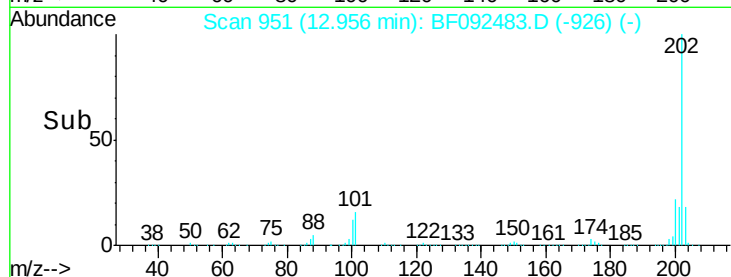
203 17.6 14.7 22.1



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: 77.07 ng

RT: 13.11 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092483.D

Acq: 25 Jan 2017 18:17

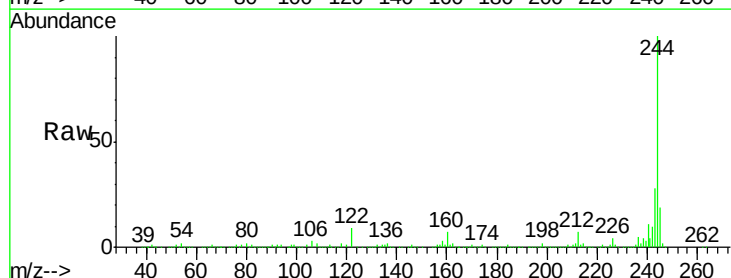
Tgt Ion:244 Resp: 1546952

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

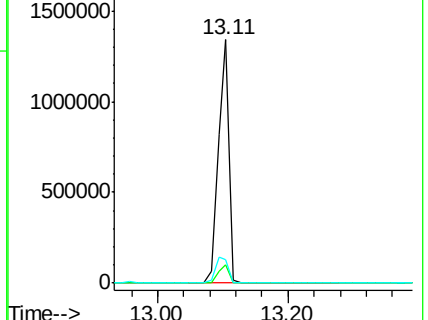
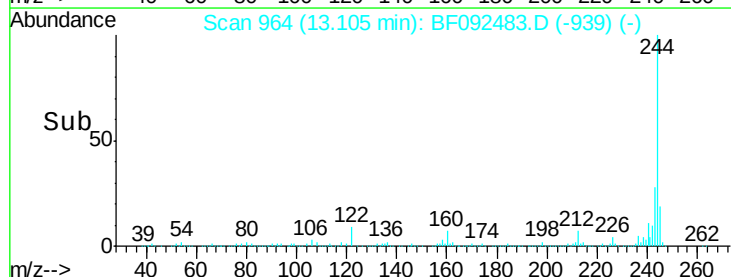
122 9.5 11.4 17.2#

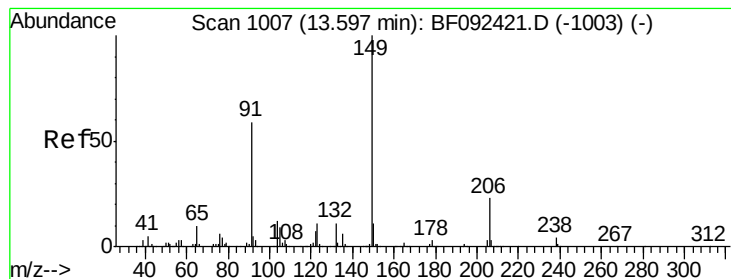


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 37.84 ng

RT: 13.57 min Scan# 1005

Delta R.T. -0.02 min

Lab File: BF092483.D

Acq: 25 Jan 2017 18:17

Instrument :

BNA_F

ClientSampled :

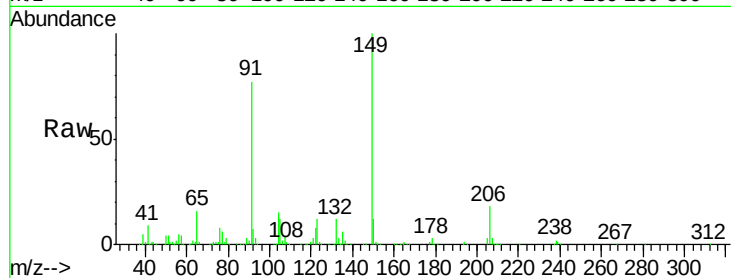
Tot Ion:149 Resp: 593702

Ion Ratio Lower Upper

149 100

91 77.5 63.9 95.9

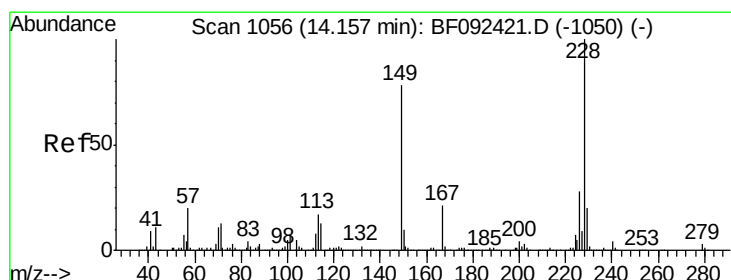
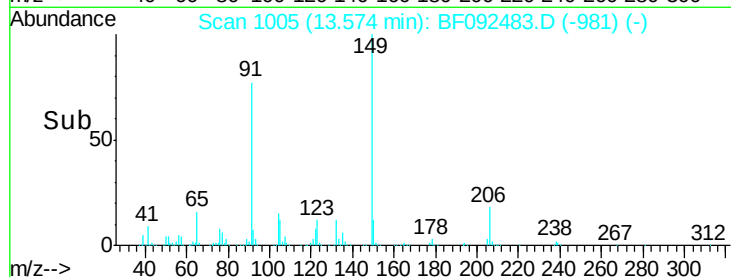
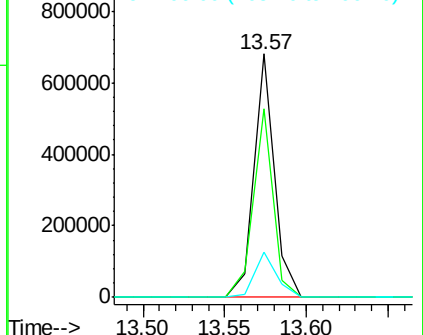
206 18.5 14.6 21.8



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: 37.79 ng

RT: 14.15 min Scan# 1055

Delta R.T. -0.01 min

Lab File: BF092483.D

Acq: 25 Jan 2017 18:17

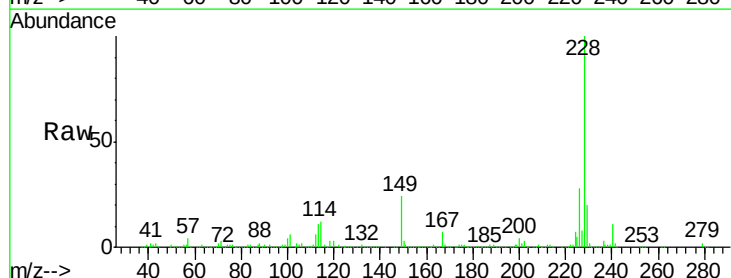
Tgt Ion:228 Resp: 1085685

Ion Ratio Lower Upper

228 100

226 28.4 22.4 33.6

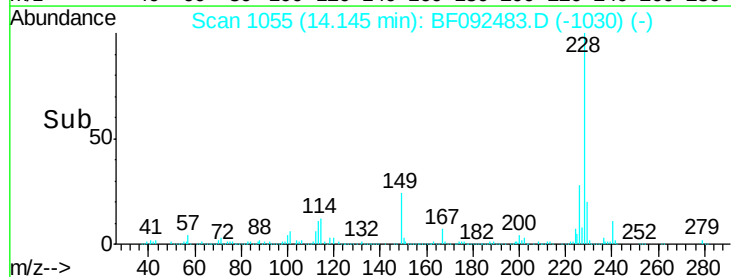
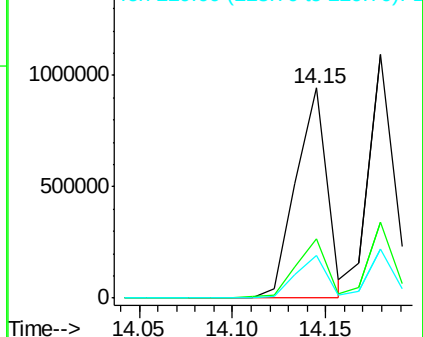
229 20.2 16.2 24.4

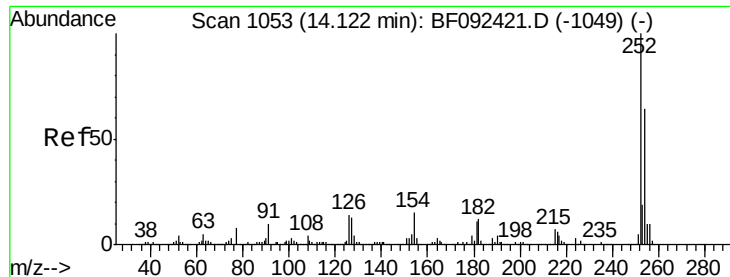


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

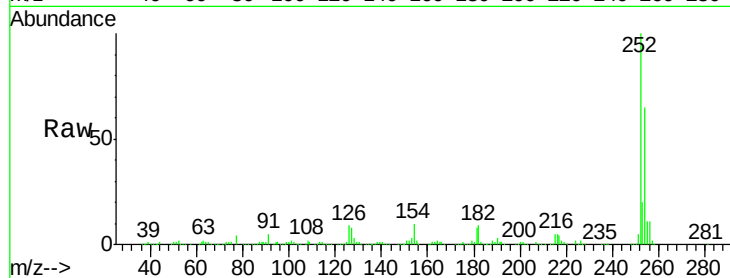




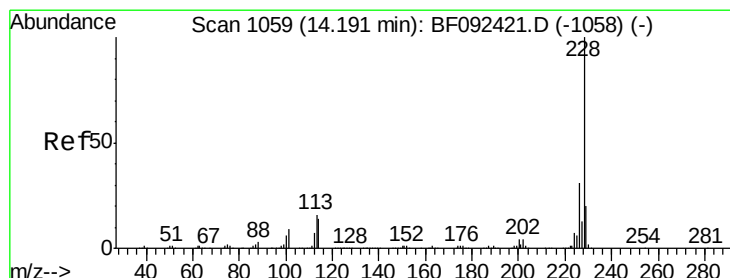
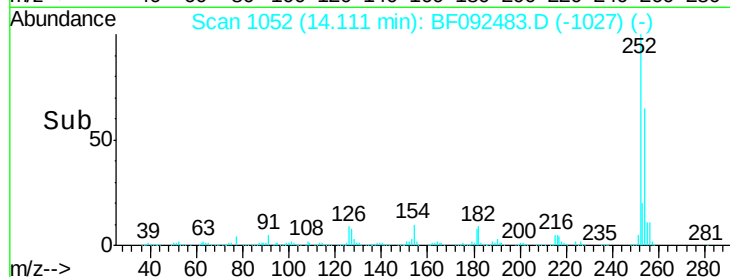
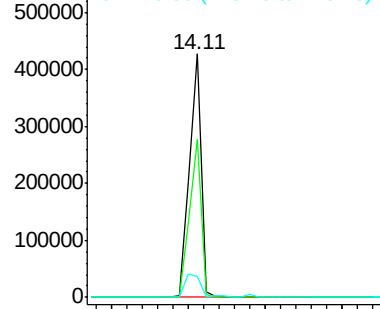
#81
 3,3'-Dichlorobenzidine
 Concen: 40.91 ng
 RT: 14.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BF092483.D
 Acq: 25 Jan 2017 18:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:252 Resp: 446215
 Ion Ratio Lower Upper
 252 100
 254 65.0 52.3 78.5
 126 8.6 13.6 20.4#

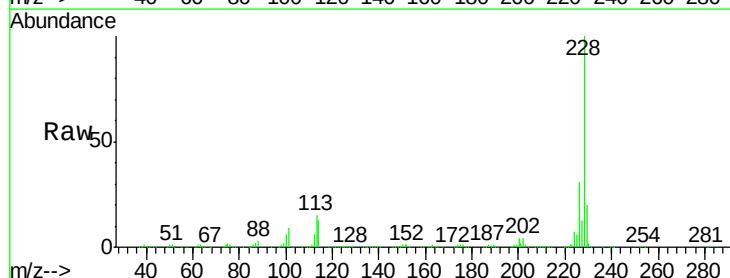


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

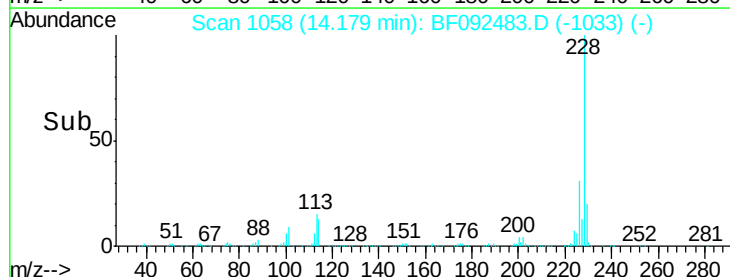
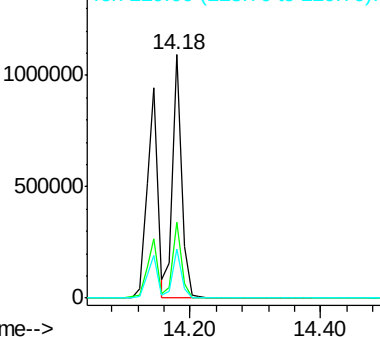


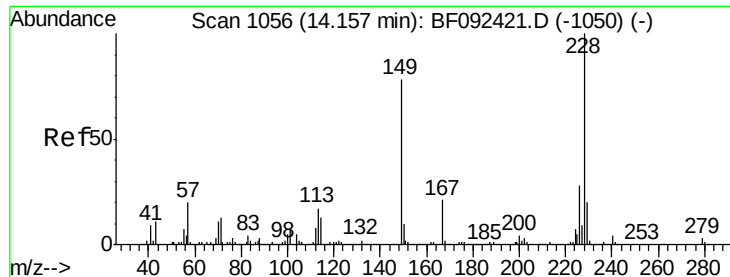
#82
 Chrysene
 Concen: 33.92 ng
 RT: 14.18 min Scan# 1058
 Delta R.T. -0.01 min
 Lab File: BF092483.D
 Acq: 25 Jan 2017 18:17

Tgt Ion:228 Resp: 1040558
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.4 38.0
 229 20.3 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

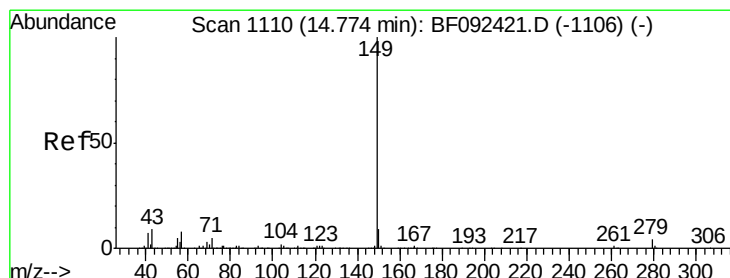
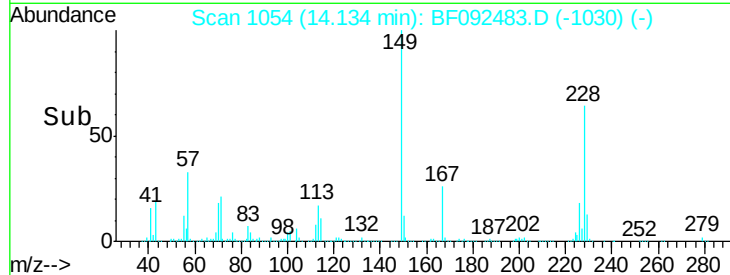
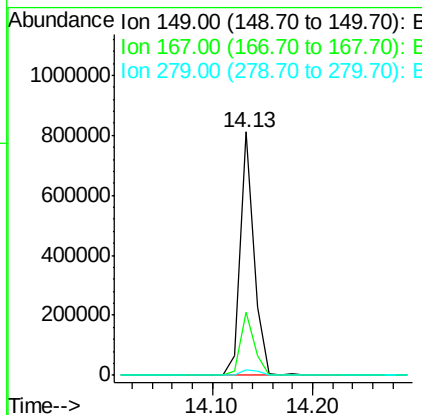
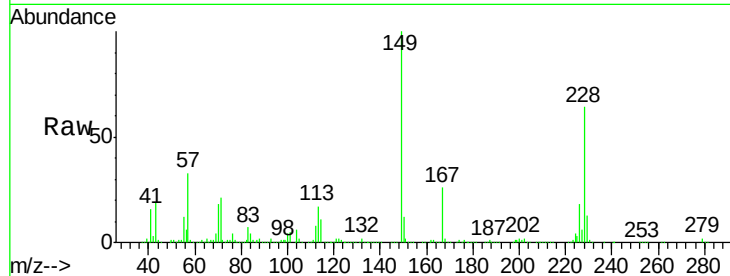




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.92 ng
 RT: 14.13 min Scan# 1054
 Delta R.T. -0.02 min
 Lab File: BF092483.D
 Acq: 25 Jan 2017 18:17

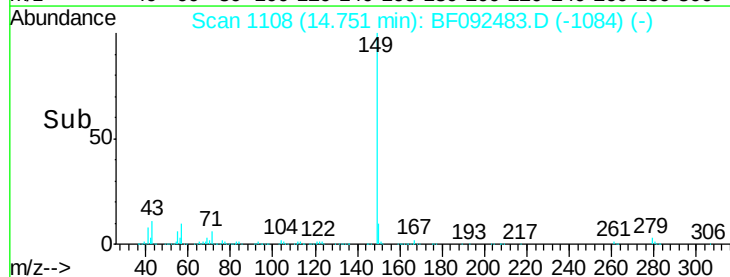
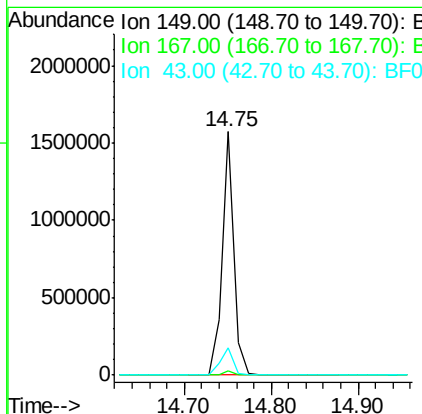
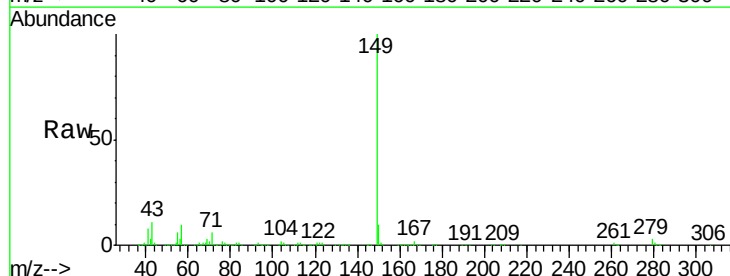
Instrument :
 BNA_F
 ClientSampleId :

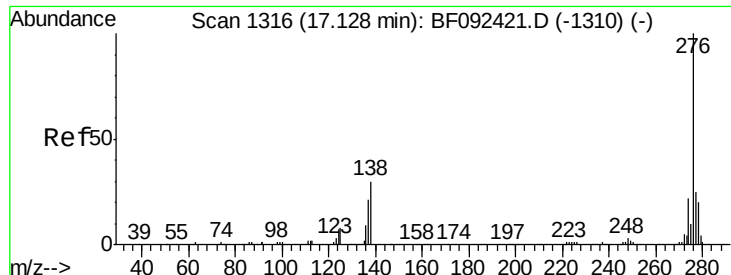
Tot Ion:149 Resp: 768949
 Ion Ratio Lower Upper
 149 100
 167 25.8 20.2 30.4
 279 2.3 1.8 2.8



#84
 Di-n-octyl phthalate
 Concen: 41.53 ng
 RT: 14.75 min Scan# 1108
 Delta R.T. -0.02 min
 Lab File: BF092483.D
 Acq: 25 Jan 2017 18:17

Tgt Ion:149 Resp: 1489886
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 12.5 8.9 13.3

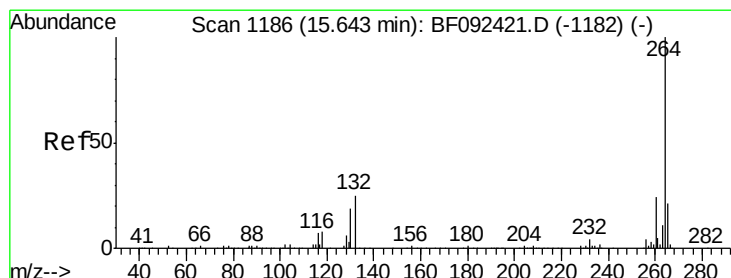
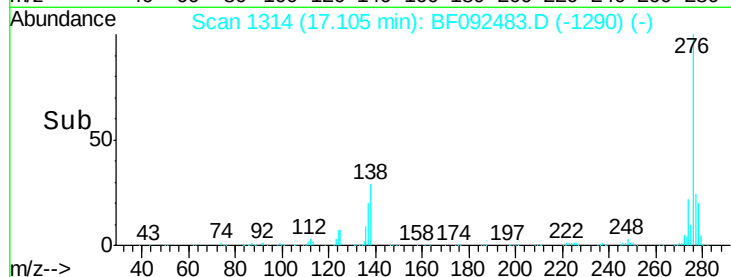
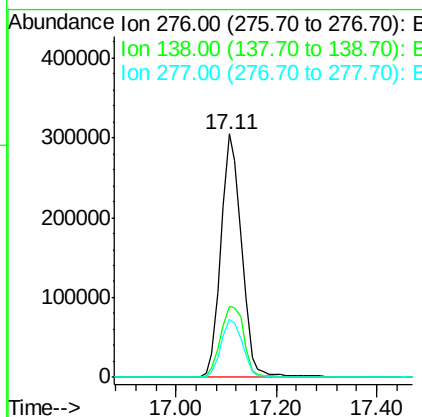
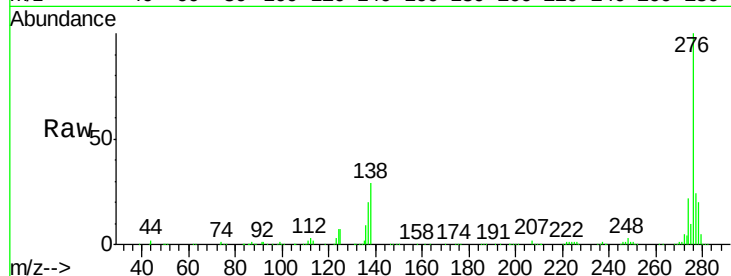




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.40 ng
 RT: 17.11 min Scan# 1314
 Delta R.T. -0.02 min
 Lab File: BF092483.D
 Acq: 25 Jan 2017 18:17

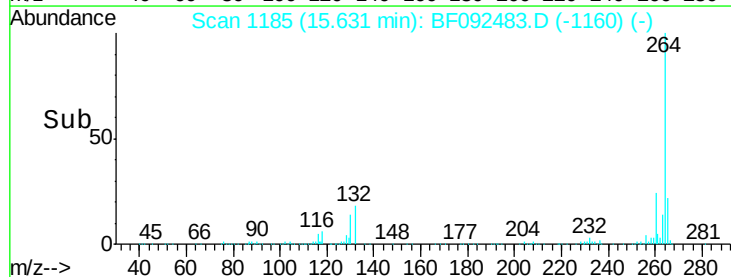
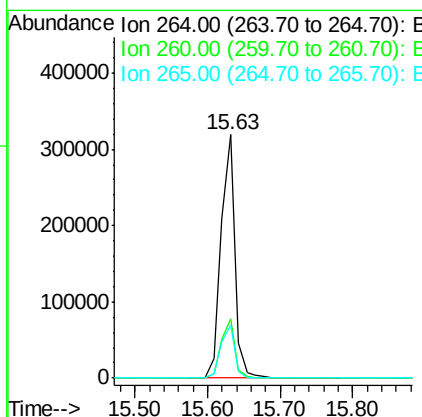
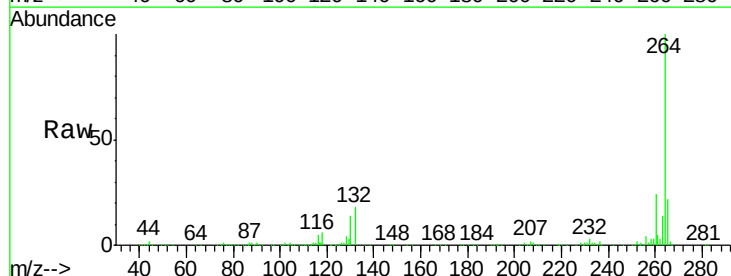
Instrument :
 BNA_F
 ClientSampleId :

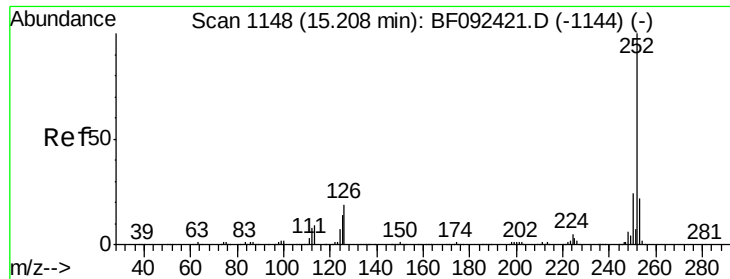
Tot Ion	Ratio	Lower	Upper
276	100		
138	33.4	21.8	32.6#
277	25.2	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.63 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF092483.D
 Acq: 25 Jan 2017 18:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.7	17.4	26.0

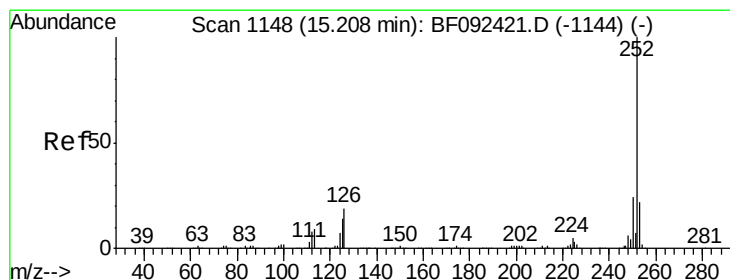
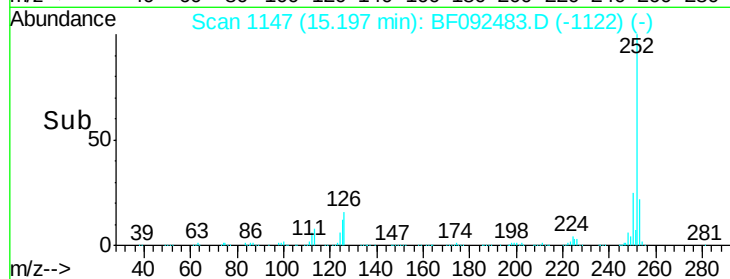
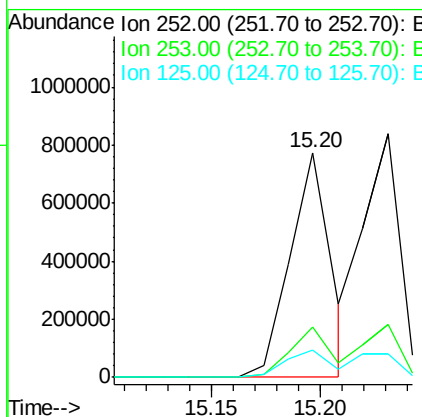
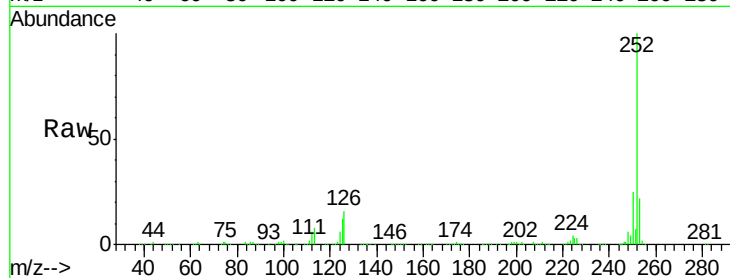




#87
Benzo(b)fluoranthene
Concen: 36.92 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF092483.D
Acq: 25 Jan 2017 18:17

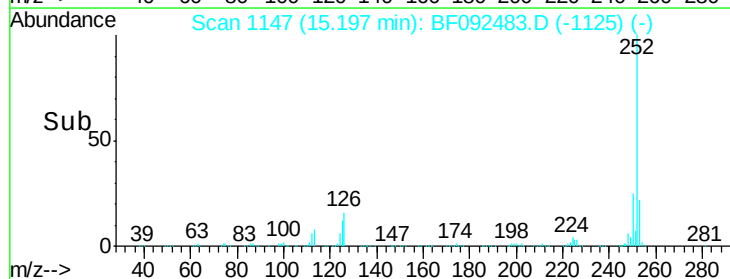
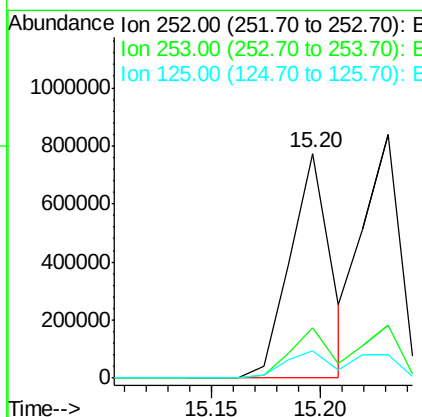
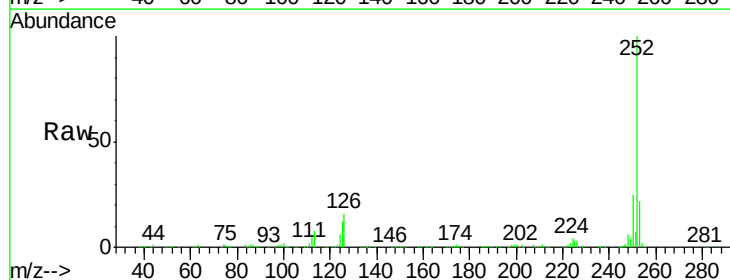
Instrument :
BNA_F
ClientSampleId :

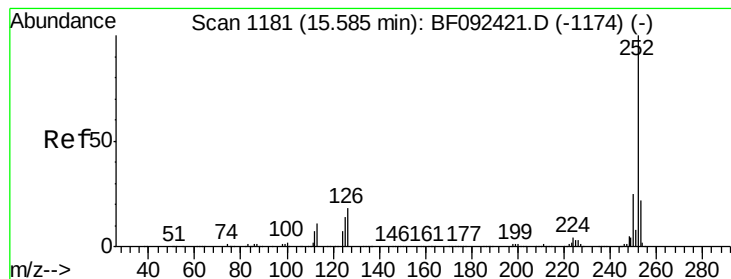
Tot Ion:252 Resp: 1001127
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.4
125 12.3 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 44.40 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.05 min
Lab File: BF092483.D
Acq: 25 Jan 2017 18:17

Tgt Ion:252 Resp: 1001127
Ion Ratio Lower Upper
252 100
253 22.4 18.5 27.7
125 12.3 8.9 13.3





#89

Benzo(a)pyrene

Concen: 40.33 ng

RT: 15.56 min Scan# 1179

Delta R.T. -0.02 min

Lab File: BF092483.D

Acq: 25 Jan 2017 18:17

Instrument :

BNA_F

ClientSampleId :

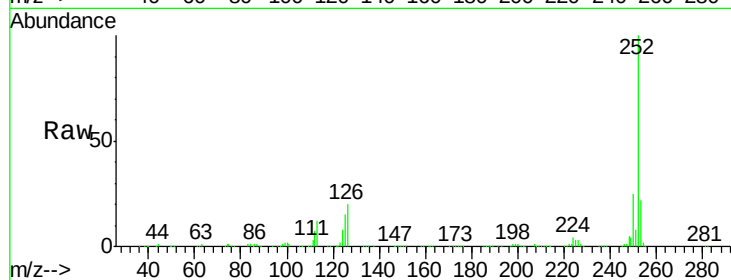
Tot Ion:252 Resp: 925036

Ion Ratio Lower Upper

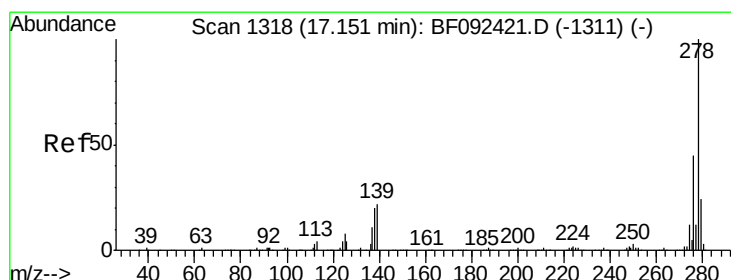
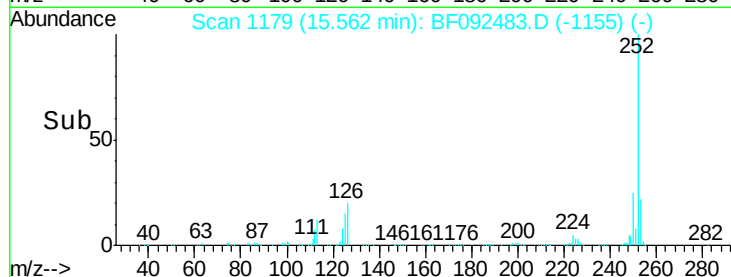
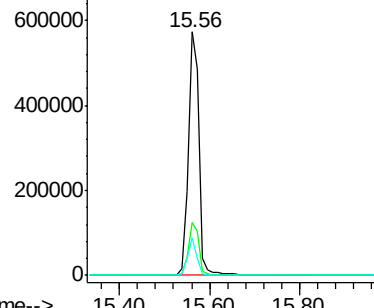
252 100

253 21.9 18.2 27.2

125 15.5 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: 41.23 ng

RT: 17.13 min Scan# 1316

Delta R.T. -0.02 min

Lab File: BF092483.D

Acq: 25 Jan 2017 18:17

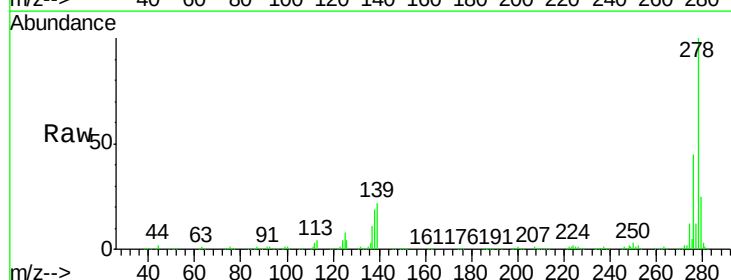
Tgt Ion:278 Resp: 764783

Ion Ratio Lower Upper

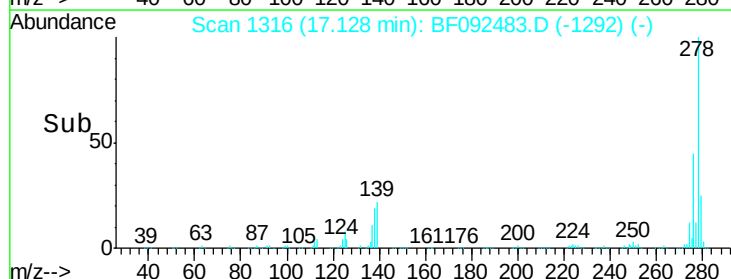
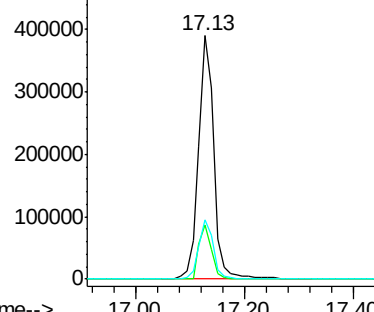
278 100

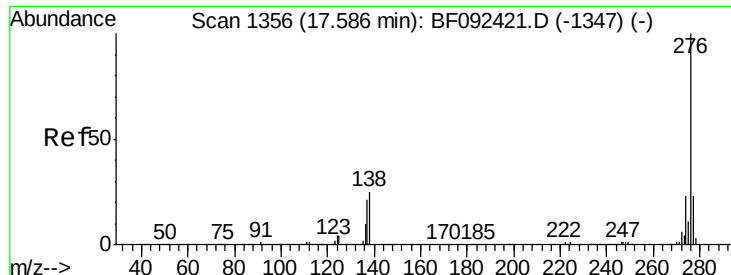
139 22.1 14.8 22.2

279 24.6 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: 40.15 ng

RT: 17.56 min Scan# 1354

Delta R.T. -0.02 min

Lab File: BF092483.D

Acq: 25 Jan 2017 18:17

Instrument :

BNA_F

ClientSampleId :

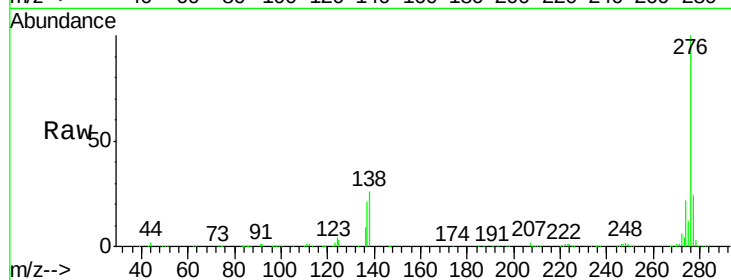
Tot Ion: 276 Resp: 753209

Ion Ratio Lower Upper

276 100

277 23.5 19.2 28.8

138 25.8 16.0 24.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

