

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
 Data File : BF092480.D
 Acq On : 25 Jan 2017 16:55
 Operator : SJ/MA
 Sample : PB96304BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96304BS

Quant Time: Jan 26 14:16:05 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	178267	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	726701	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	391910	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	614830	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	527735	20.00	ng	-0.01
86) Perylene-d12	15.63	264	422903	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1356909	118.43	ng	0.02
7) Phenol-d6	6.60	99	1950322	133.63	ng	0.01
23) Nitrobenzene-d5	7.54	82	1182686	88.90	ng	0.00
41) 2,4,6-Tribromophenol	10.83	330	398358	149.16	ng	0.01
44) 2-Fluorobiphenyl	9.36	172	2045008	96.49	ng	0.00
78) Terphenyl-d14	13.11	244	1562196	78.83	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.73	88	207323	34.02	ng	# 83
3) Pyridine	3.47	79	608718	35.09	ng	# 84
4) n-Nitrosodimethylamine	3.42	42	334144	39.26	ng	# 84
6) Aniline	6.64	93	513530	23.59	ng	# 44
8) 2-Chlorophenol	6.75	128	500039	41.55	ng	# 91
9) Benzaldehyde	6.51	77	306662	29.61	ng	# 91
10) Phenol	6.61	94	777457	44.13	ng	# 69
11) bis(2-Chloroethyl)ether	6.70	93	523414	39.71	ng	# 92
12) 1,3-Dichlorobenzene	6.91	146	582315m	40.91	ng	# 94
13) 1,4-Dichlorobenzene	6.99	146	595940	41.60	ng	# 99
14) 1,2-Dichlorobenzene	7.14	146	510557	37.57	ng	# 94
15) Benzyl Alcohol	7.12	79	511414	46.50	ng	# 93
16) 2,2'-oxybis(1-Chloropropan	7.25	45	1028435	39.45	ng	# 97
17) 2-Methylphenol	7.22	107	461593	44.89	ng	# 88
18) Hexachloroethane	7.48	117	198794	40.28	ng	# 93
19) n-Nitroso-di-n-propylamine	7.39	70	391658	39.41	ng	# 95
20) 3+4-Methylphenols	7.38	107	553956	44.40	ng	# 84
22) Acetophenone	7.38	105	760477	43.94	ng	# 84
24) Nitrobenzene	7.56	77	612773	43.97	ng	# 98
25) Isophorone	7.80	82	1138701	43.44	ng	# 92
26) 2-Nitrophenol	7.87	139	277409	47.50	ng	# 95
27) 2,4-Dimethylphenol	7.92	122	534777	44.03	ng	# 98
28) bis(2-Chloroethoxy)methane	8.01	93	664230	38.60	ng	# 87
29) 2,4-Dichlorophenol	8.11	162	479835	45.57	ng	# 96
30) 1,2,4-Trichlorobenzene	8.20	180	470707	41.36	ng	# 99
31) Naphthalene	8.28	128	1459170	39.23	ng	# 97
32) Benzoic acid	8.04	122	347847	39.26	ng	# 97
33) 4-Chloroaniline	8.33	127	185219	11.77	ng	# 99
34) Hexachlorobutadiene	8.41	225	260768	41.89	ng	# 95
35) Caprolactam	8.72	113	177231m	50.40	ng	# 99
36) 4-Chloro-3-methylphenol	8.82	107	540115	47.57	ng	# 99
37) 2-Methylnaphthalene	8.98	142	991205	42.10	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	471367	47.68	ng	# 95
40) Hexachlorocyclopentadiene	9.14	237	437842	88.44	ng	# 95

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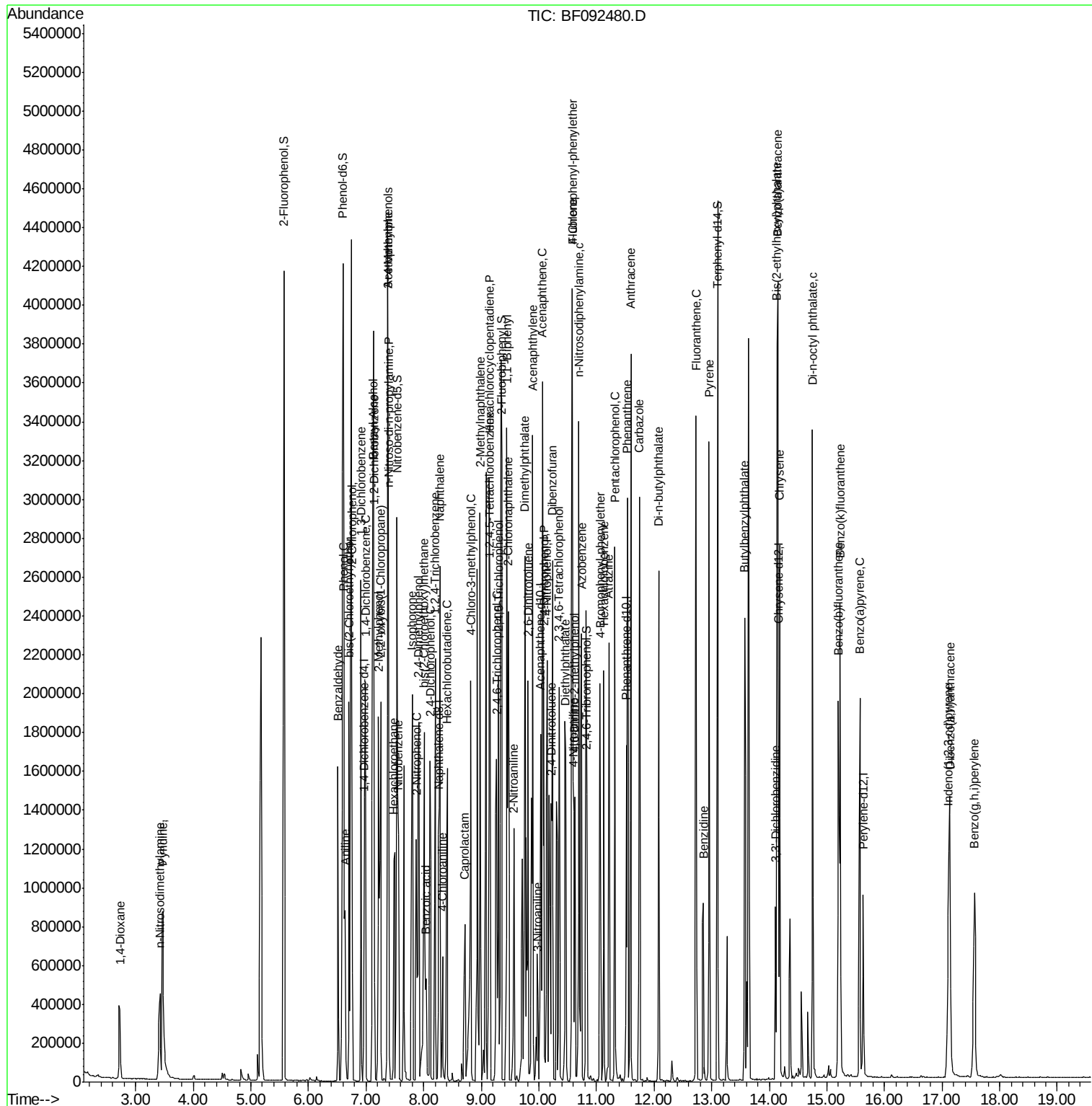
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	361216	47.69	nq	94
43) 2,4,5-Trichlorophenol	9.30	196	330016	47.62	nq	# 91
45) 1,1'-Biphenyl	9.45	154	1190028	42.01	nq	96
46) 2-Chloronaphthalene	9.47	162	929494	40.17	nq	95
47) 2-Nitroaniline	9.56	65	335287	43.03	nq	91
48) Acenaphthylene	9.89	152	1517850	44.72	nq	99
49) Dimethylphthalate	9.76	163	1151935	46.22	nq	100
50) 2,6-Dinitrotoluene	9.81	165	258341	50.71	nq	# 86
51) Acenaphthene	10.06	154	975519	46.26	nq	95
52) 3-Nitroaniline	9.98	138	136481	21.39	nq	# 76
53) 2,4-Dinitrophenol	10.09	184	254906	77.06	nq	# 69
54) Dibenzofuran	10.24	168	1280128	44.70	nq	97
55) 4-Nitrophenol	10.14	139	463172	91.42	nq	90
56) 2,4-Dinitrotoluene	10.22	165	351272	51.95	nq	# 65
57) Fluorene	10.58	166	896744	42.23	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.35	232	259085	49.90	nq	97
59) Diethylphthalate	10.46	149	1115013	46.66	nq	# 93
60) 4-Chlorophenyl-phenylether	10.58	204	458021	44.48	nq	# 75
61) 4-Nitroaniline	10.60	138	260023	40.75	nq	95
62) Azobenzene	10.74	77	1305967	48.02	nq	90
64) 4,6-Dinitro-2-methylphenol	10.62	198	166158	49.93	nq	# 43
65) n-Nitrosodiphenylamine	10.69	169	861628	44.88	nq	99
66) 4-Bromophenyl-phenylether	11.06	248	283100	45.60	nq	# 88
67) Hexachlorobenzene	11.13	284	275579	43.92	nq	# 91
68) Atrazine	11.22	200	267436	40.69	nq	98
69) Pentachlorophenol	11.32	266	346588	86.39	nq	98
70) Phenanthrene	11.54	178	1476486	43.61	nq	99
71) Anthracene	11.60	178	1543549	46.65	nq	99
72) Carbazole	11.74	167	1273435	40.31	nq	100
73) Di-n-butylphthalate	12.08	149	1649191	45.65	nq	99
74) Fluoranthene	12.73	202	1406521	42.47	nq	99
76) Benzidine	12.85	184	508555	25.96	nq	97
77) Pyrene	12.96	202	1456390	38.09	nq	100
79) Butylbenzylphthalate	13.57	149	734059	47.39	nq	98
80) Benzo(a)anthracene	14.15	228	1190633	41.98	nq	100
81) 3,3'-Dichlorobenzidine	14.11	252	235476	21.87	nq	# 93
82) Chrysene	14.18	228	1104692	36.47	nq	99
83) Bis(2-ethylhexyl)phthalate	14.13	149	855773	43.87	nq	100
84) Di-n-octyl phthalate	14.75	149	1647201	46.51	nq	98
85) Indeno(1,2,3-cd)pyrene	17.12	276	1006384	44.91	nq	# 94
87) Benzo(b)fluoranthene	15.20	252	1382984m	50.94	nq	
88) Benzo(k)fluoranthene	15.23	252	851138m	37.70	nq	
89) Benzo(a)pyrene	15.57	252	1055058	45.94	nq	99
90) Dibenzo(a,h)anthracene	17.14	278	846936	45.60	nq	99
91) Benzo(g,h,i)perylene	17.56	276	836003	44.51	nq	# 89

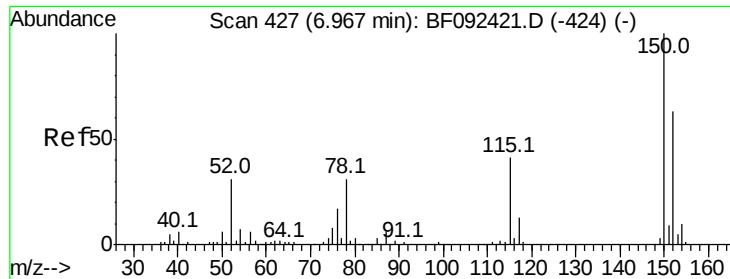
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial  : 18      Sample Multiplier: 1
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF092480.D

Acq: 25 Jan 2017 16:55

Instrument :

BNA_F

ClientSampleId :

PB96304BS

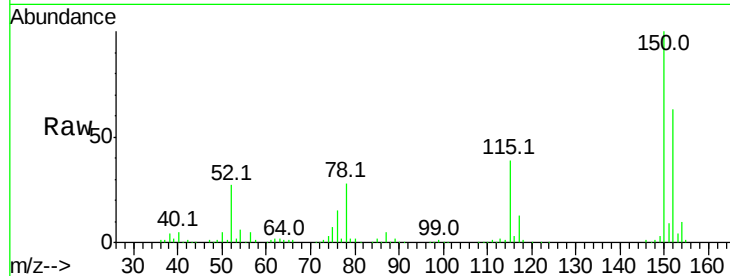
Tot Ion:152 Resp: 178267

Ion Ratio Lower Upper

152 100

150 157.6 124.9 187.3

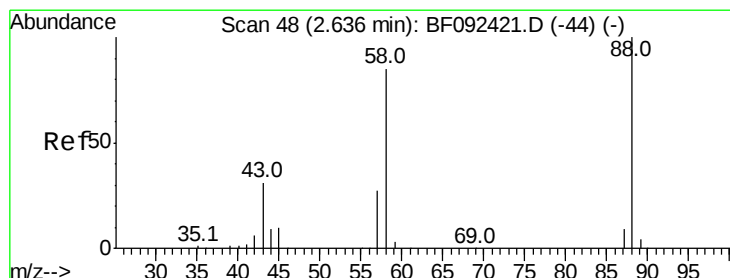
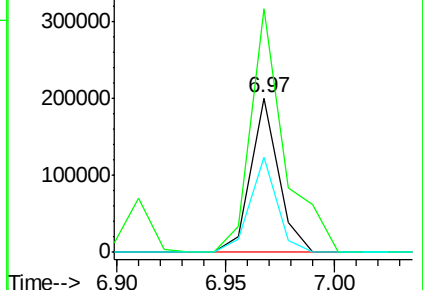
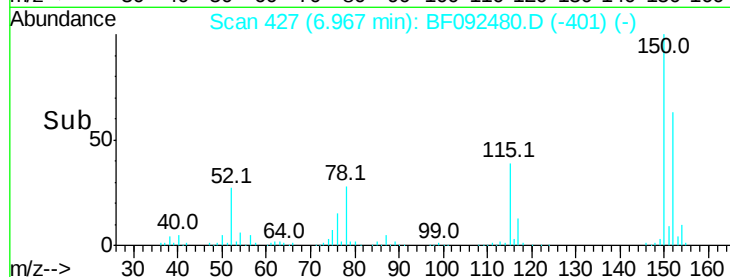
115 61.9 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 34.02 ng

RT: 2.73 min Scan# 56

Delta R.T. 0.09 min

Lab File: BF092480.D

Acq: 25 Jan 2017 16:55

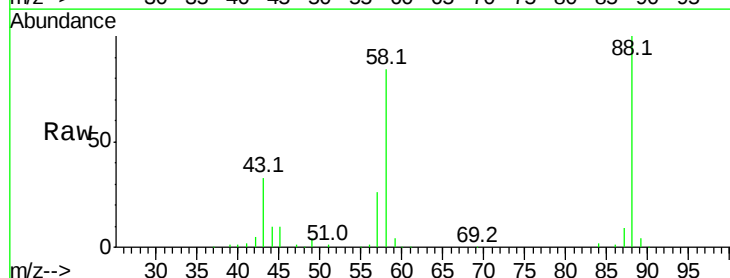
Tgt Ion: 88 Resp: 207323

Ion Ratio Lower Upper

88 100

58 88.3 57.8 86.8#

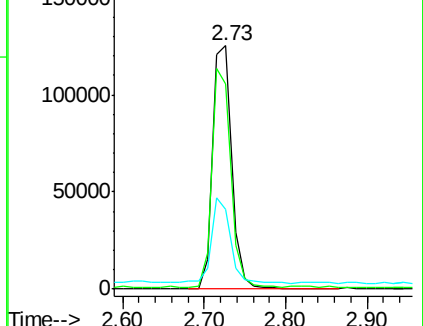
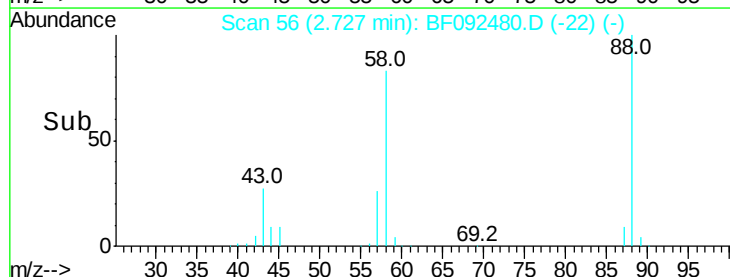
43 34.2 22.3 33.5#

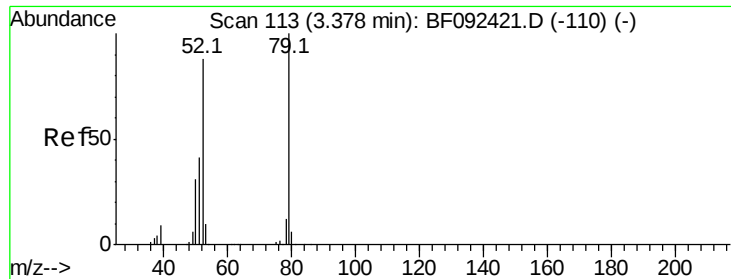


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 35.09 ng

RT: 3.47 min Scan# 121

Delta R.T. 0.09 min

Lab File: BF092480.D

Acq: 25 Jan 2017 16:55

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BNA_F

ClientSampleId :

PB96304BS

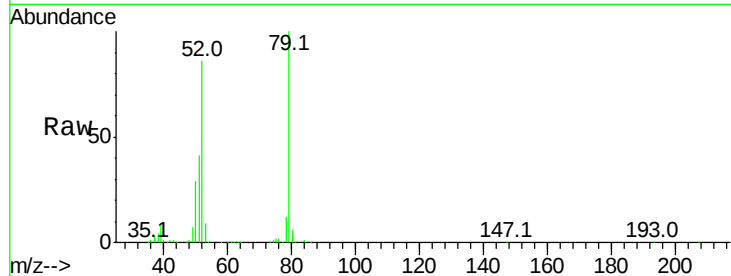
Tot Ion: 79 Resp: 608718

Ion Ratio Lower Upper

79 100

52 85.8 57.1 85.7#

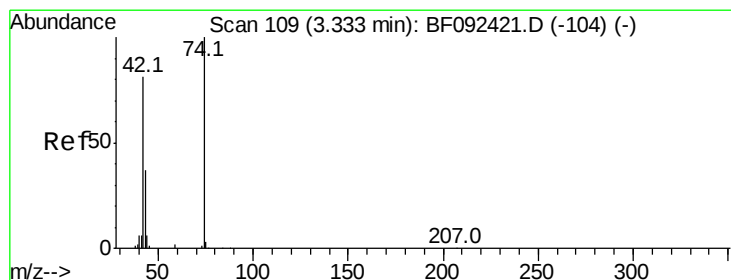
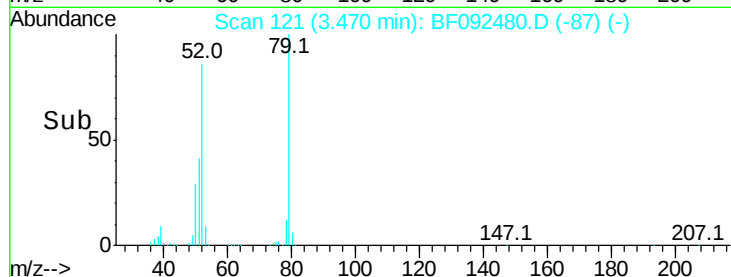
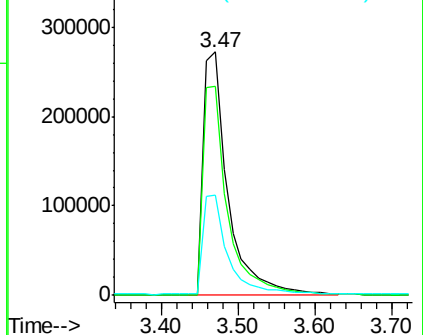
51 41.2 27.3 40.9#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 39.26 ng

RT: 3.42 min Scan# 117

Delta R.T. 0.09 min

Lab File: BF092480.D

Acq: 25 Jan 2017 16:55

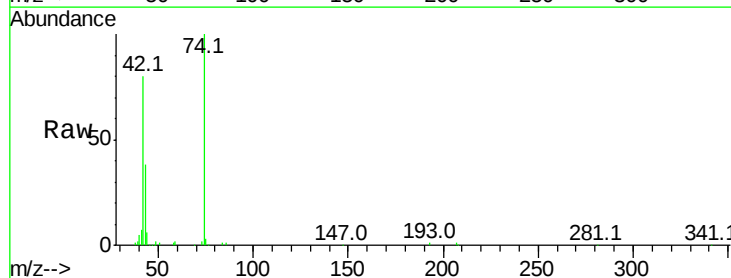
Tgt Ion: 42 Resp: 334144

Ion Ratio Lower Upper

42 100

74 124.8 117.0 175.4

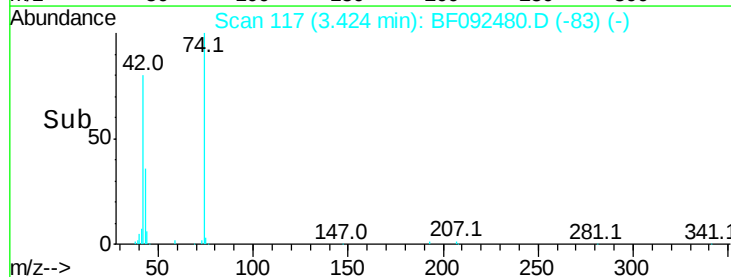
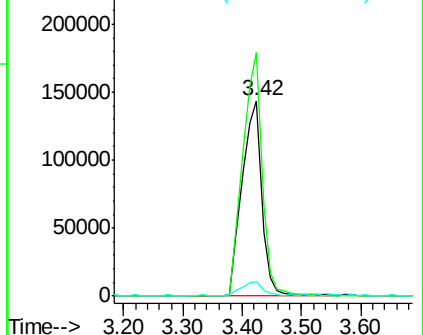
44 7.6 5.5 8.3

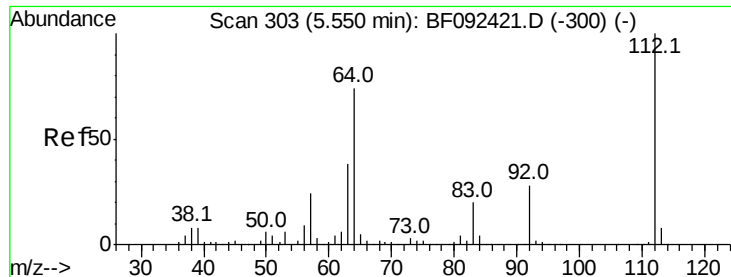


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 118.43 ng

RT: 5.57 min Scan# 305

Delta R.T. 0.02 min

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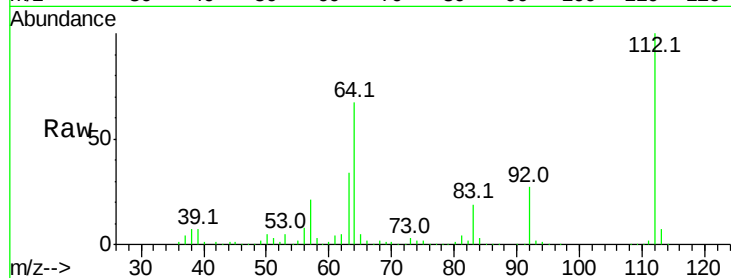
Tot Ion:112 Resp: 1356909

Ion Ratio Lower Upper

112 100

64 67.5 46.1 69.1

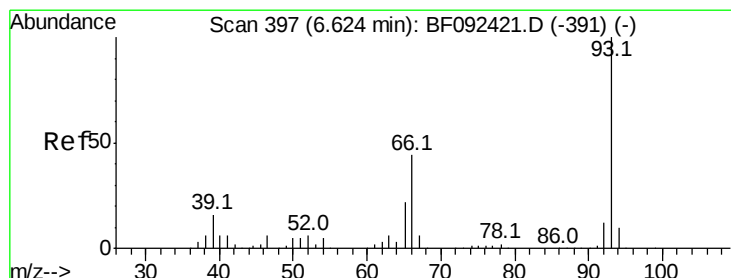
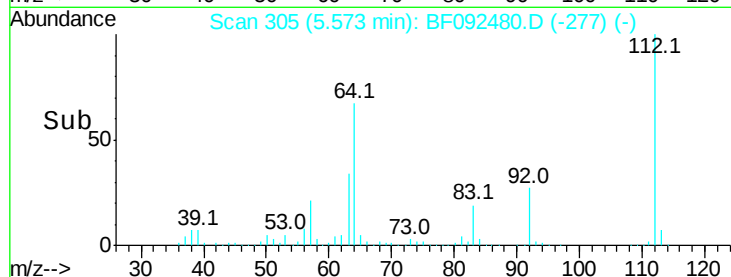
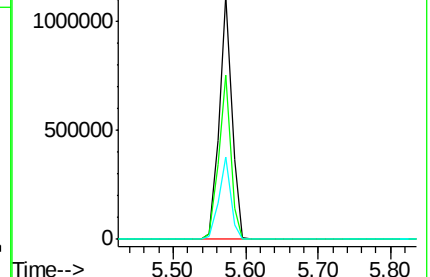
63 34.0 23.8 35.6



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: 23.59 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.01 min

Lab File: BF092480.D

Acq: 25 Jan 2017 16:55

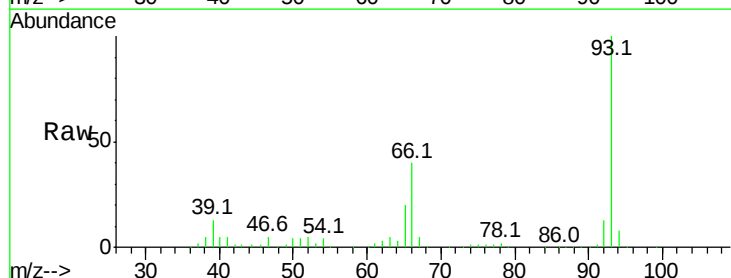
Tgt Ion: 93 Resp: 513530

Ion Ratio Lower Upper

93 100

66 40.1 76.2 114.2#

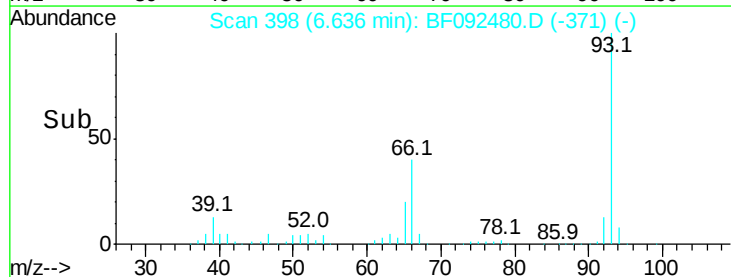
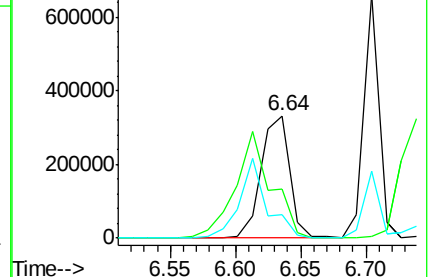
65 19.7 49.3 73.9#

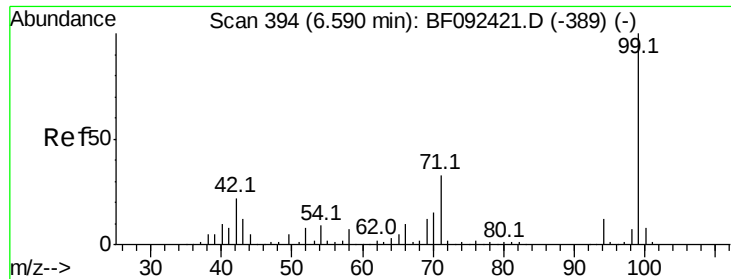


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 133.63 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.01 min

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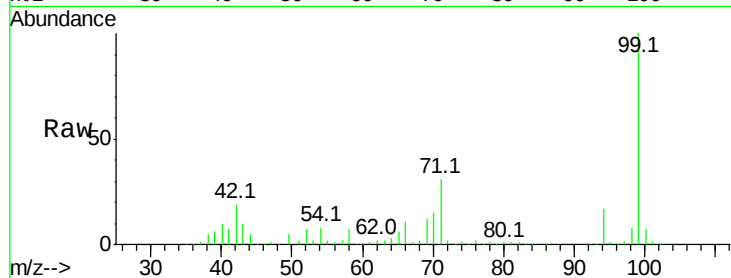
Tot Ion: 99 Resp: 1950322

Ion Ratio Lower Upper

99 100

42 19.4 15.6 23.4

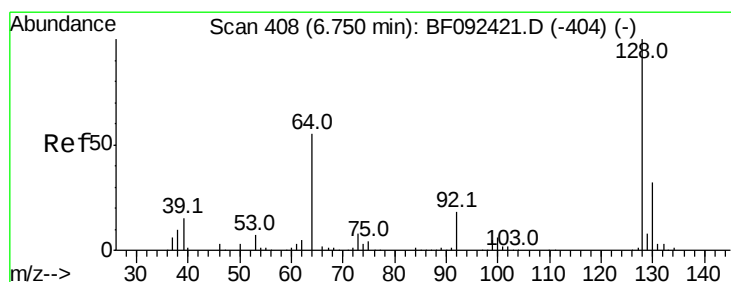
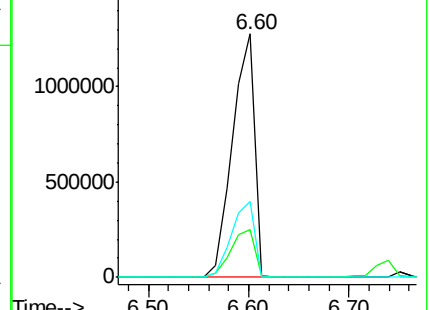
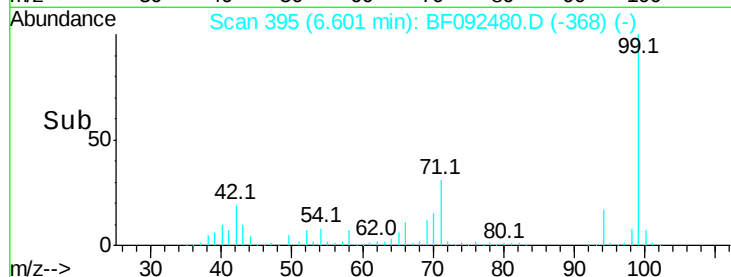
71 31.3 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.55 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF092480.D

Acq: 25 Jan 2017 16:55

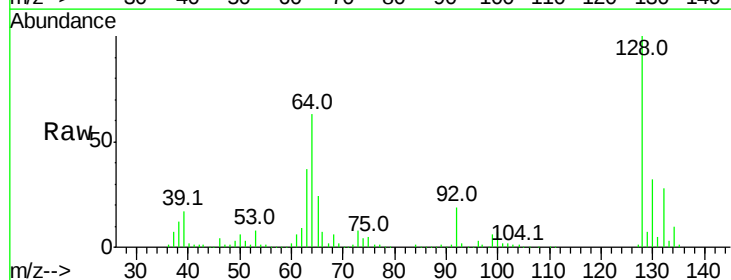
Tgt Ion:128 Resp: 500039

Ion Ratio Lower Upper

128 100

130 32.2 12.3 52.3

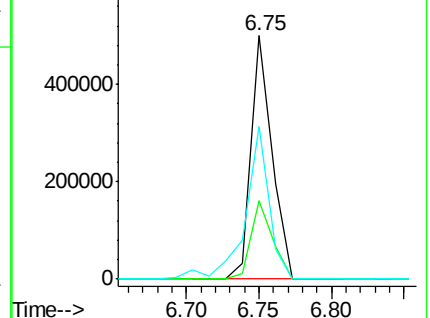
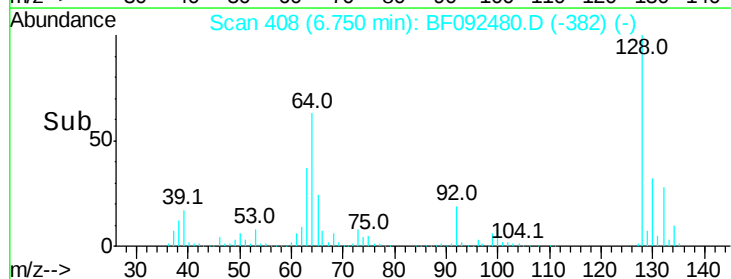
64 62.7 32.2 72.2

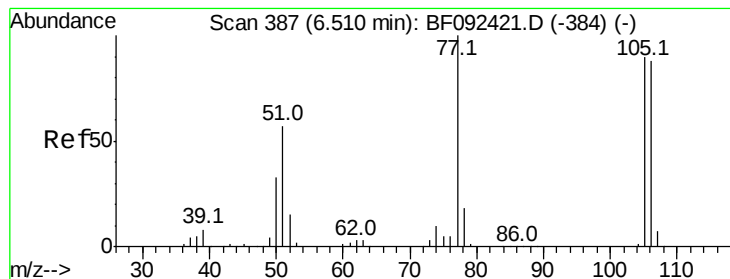


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 29.61 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

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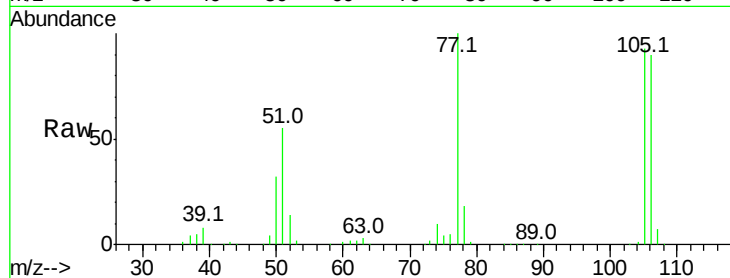
Tot Ion: 77 Resp: 306662

Ion Ratio Lower Upper

77 100

105 93.1 83.9 123.9

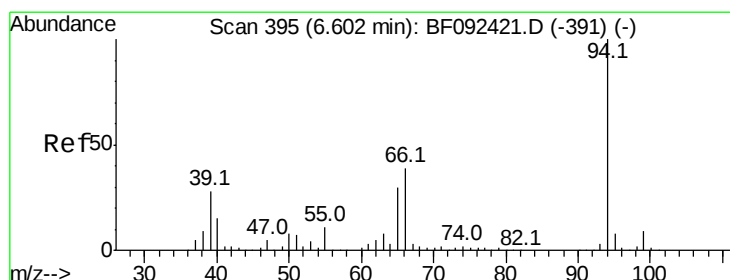
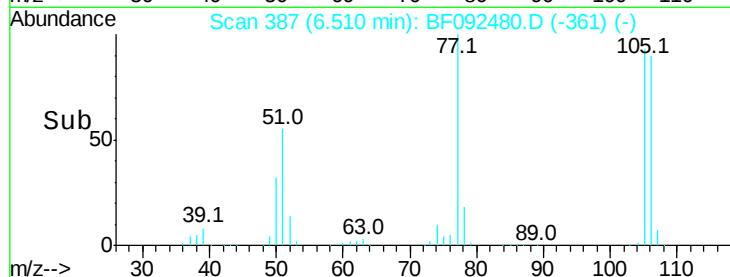
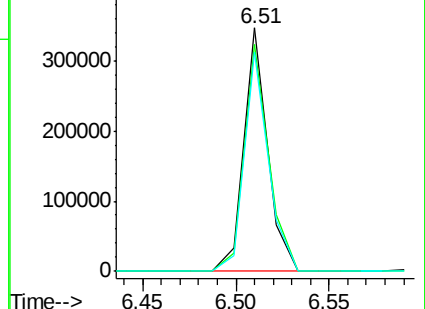
106 89.9 77.6 117.6



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: 44.13 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.01 min

Lab File: BF092480.D

Acq: 25 Jan 2017 16:55

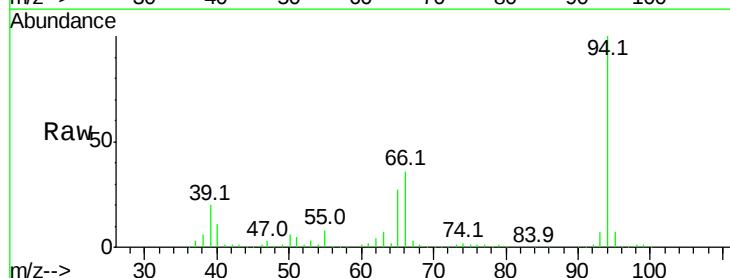
Tgt Ion: 94 Resp: 777457

Ion Ratio Lower Upper

94 100

65 26.6 21.4 61.4

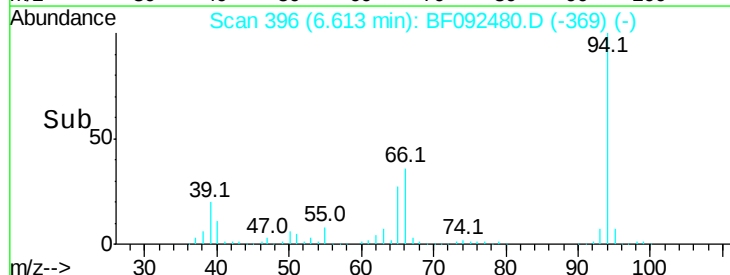
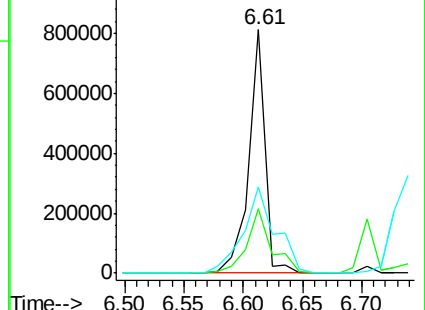
66 35.5 44.0 84.0#

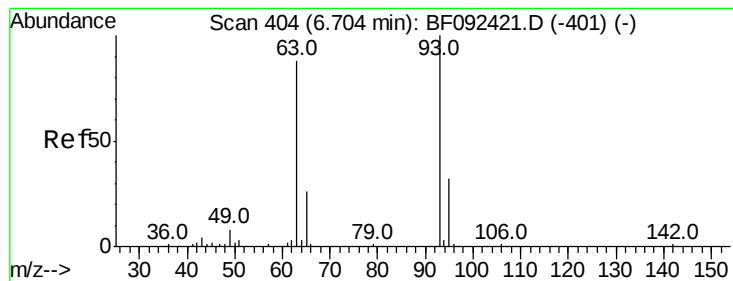


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.71 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF092480.D

Acq: 25 Jan 2017 16:55

Instrument :

BNA_F

ClientSampleId :

PB96304BS

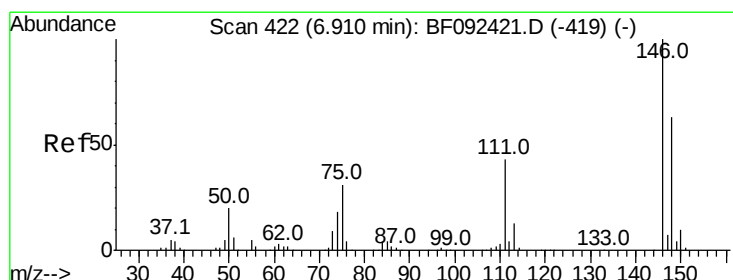
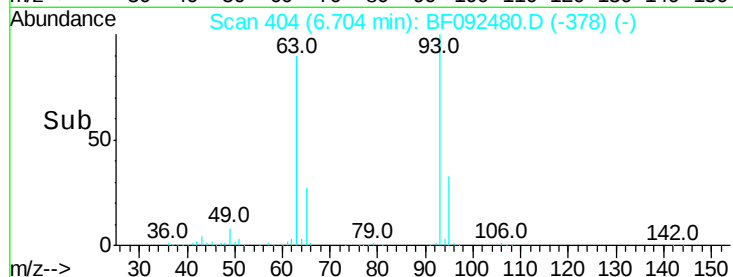
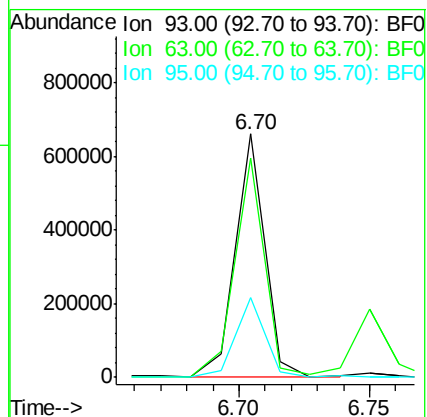
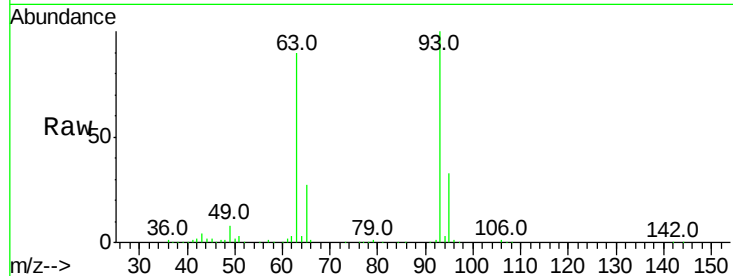
Tot Ion: 93 Resp: 523414

Ion Ratio Lower Upper

93 100

63 90.1 60.4 100.4

95 32.7 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 40.91 ng m

RT: 6.91 min Scan# 422

Delta R.T. -0.00 min

Lab File: BF092480.D

Acq: 25 Jan 2017 16:55

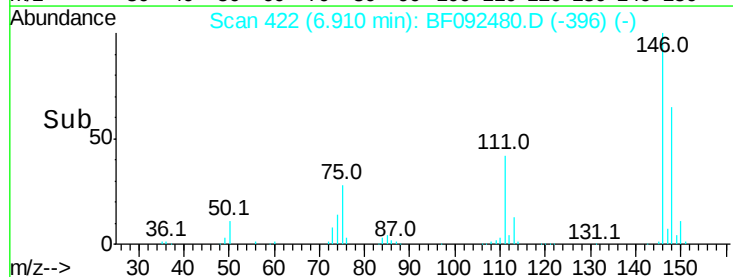
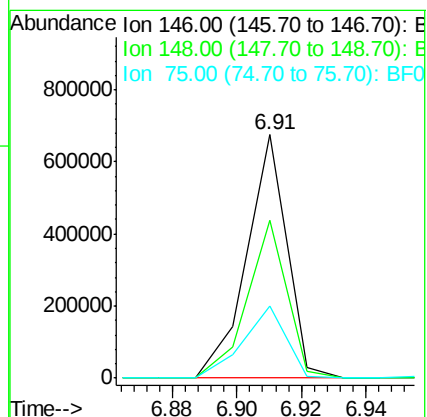
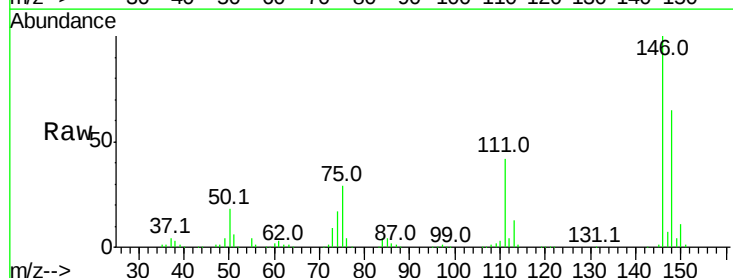
Tgt Ion: 146 Resp: 582315

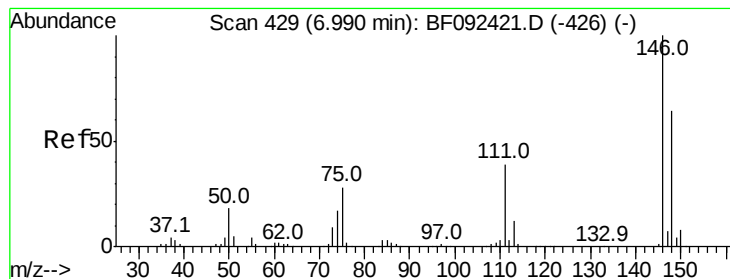
Ion Ratio Lower Upper

146 100

148 64.6 53.4 80.0

75 29.4 18.5 27.7#





#13

1,4-Dichlorobenzene

Concen: 41.60 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF092480.D

Acq: 25 Jan 2017 16:55

Instrument :

BNA_F

ClientSampleId :

PB96304BS

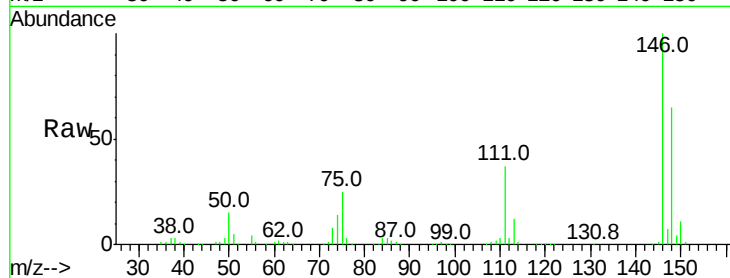
Tot Ion:146 Resp: 595940

Ion Ratio Lower Upper

146 100

148 64.9 50.6 76.0

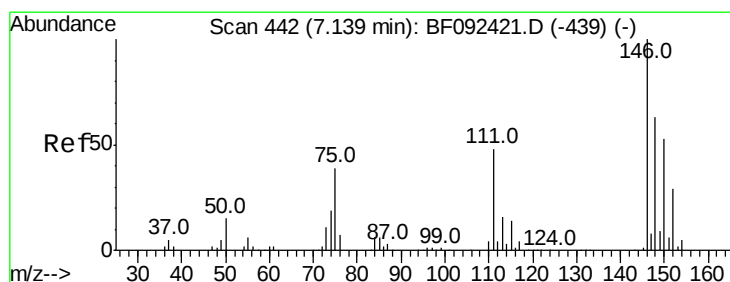
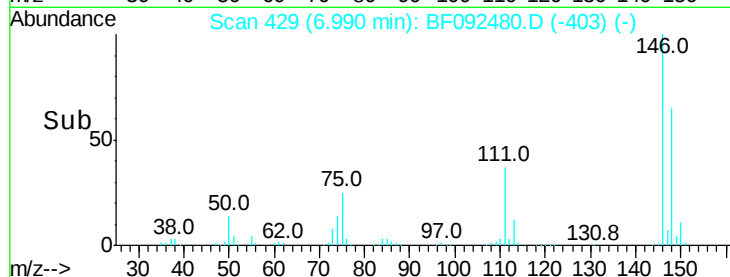
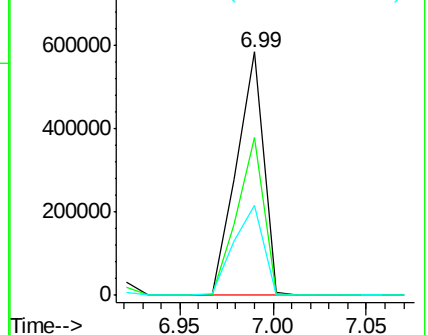
111 37.0 36.2 54.4



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: 37.57 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF092480.D

Acq: 25 Jan 2017 16:55

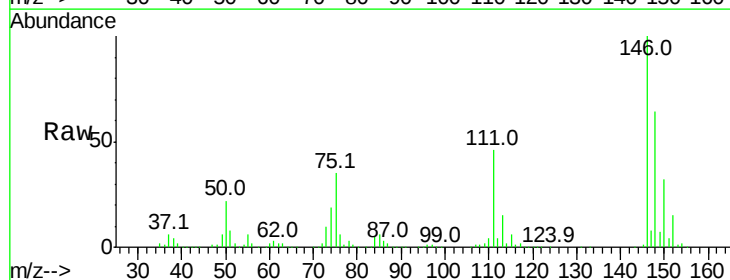
Tgt Ion:146 Resp: 510557

Ion Ratio Lower Upper

146 100

148 64.3 52.2 78.2

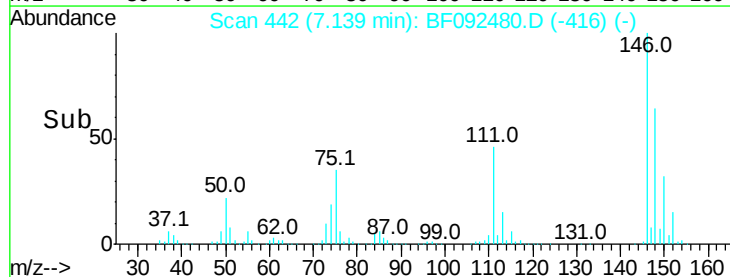
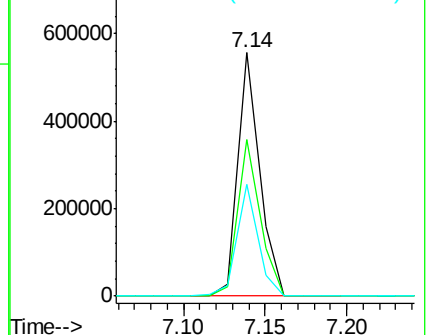
111 45.8 36.2 54.2

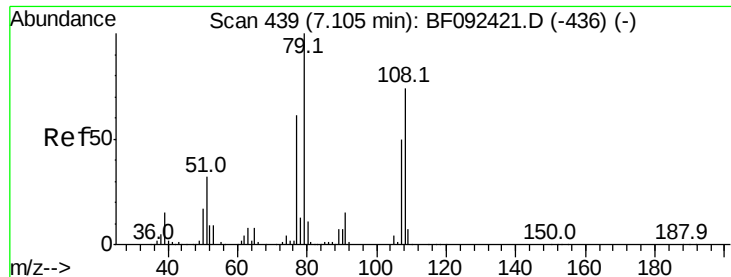


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.50 ng

RT: 7.12 min Scan# 440

Delta R.T. 0.01 min

Lab File: BF092480.D

Acq: 25 Jan 2017 16:55

Instrument :

BNA_F

ClientSampleID :

PB96304BS

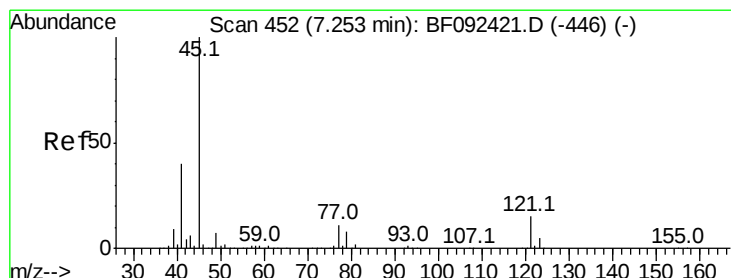
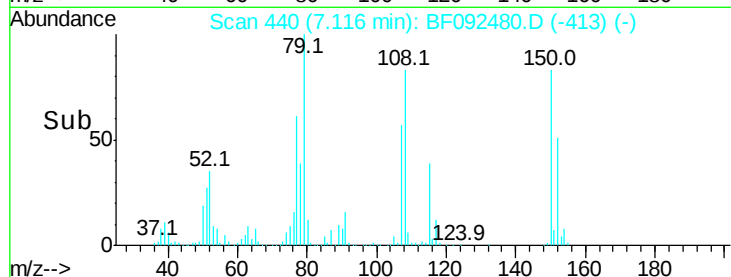
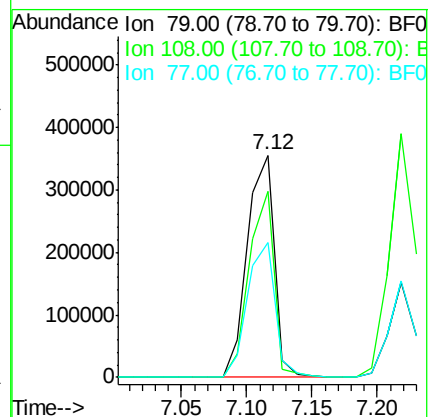
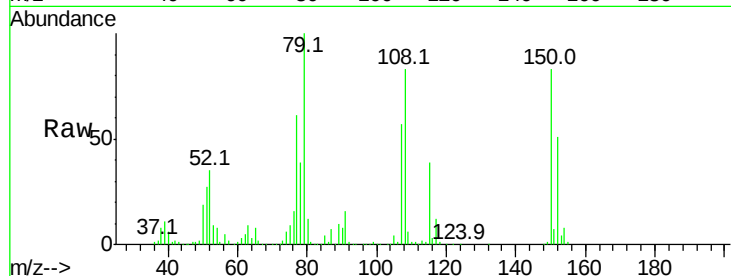
Tot Ion: 79 Resp: 511414

Ion Ratio Lower Upper

79 100

108 83.5 61.4 92.0

77 60.8 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.45 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF092480.D

Acq: 25 Jan 2017 16:55

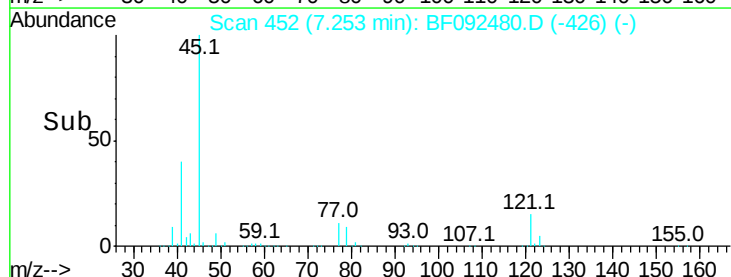
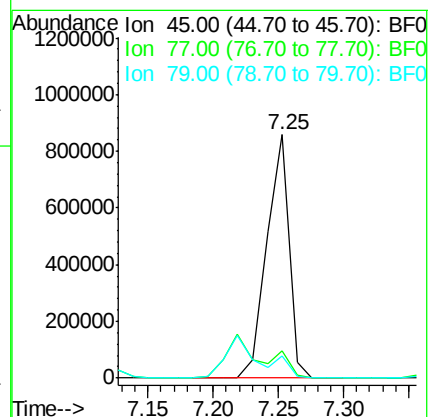
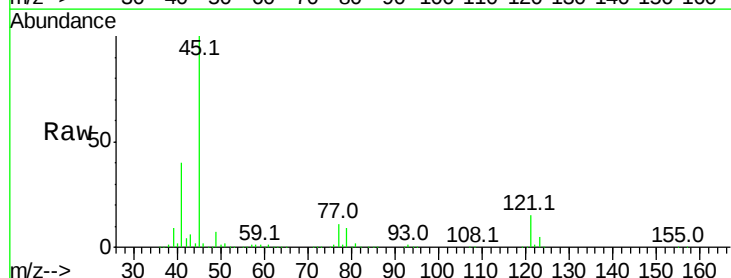
Tgt Ion: 45 Resp: 1028435

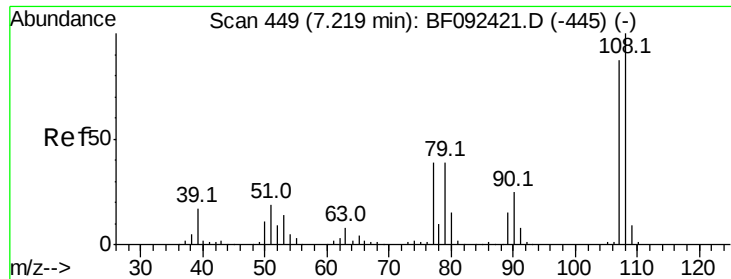
Ion Ratio Lower Upper

45 100

77 11.0 0.0 34.6

79 9.0 0.0 31.2

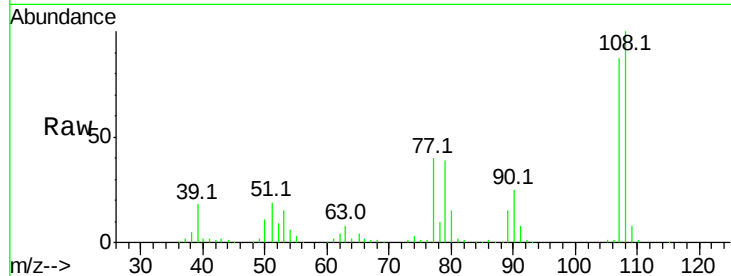




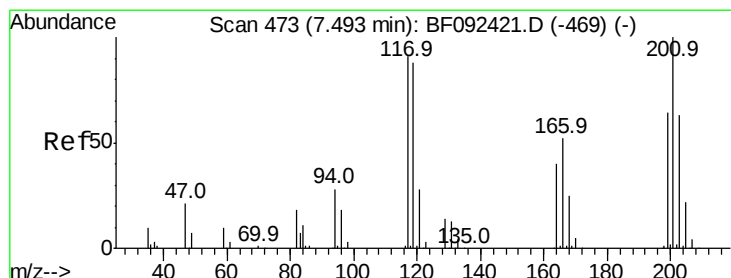
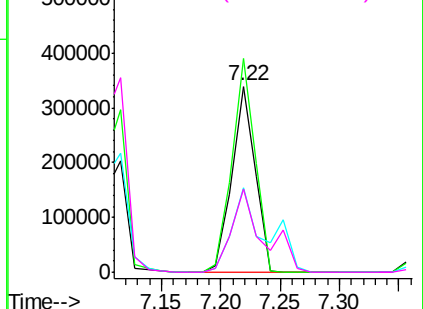
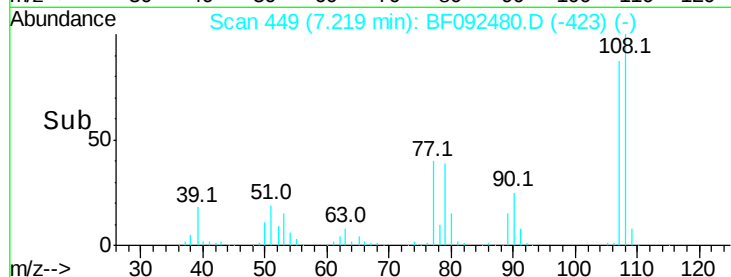
#17
2-Methylphenol
Concen: 44.89 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF092480.D
Acq: 25 Jan 2017 16:55

Instrument :
BNA_F
ClientSampleId :
PB96304BS

Tot Ion:107 Resp: 461593
Ion Ratio Lower Upper
107 100
108 114.8 93.0 139.6
77 45.4 39.8 59.8
79 44.9 38.0 57.0

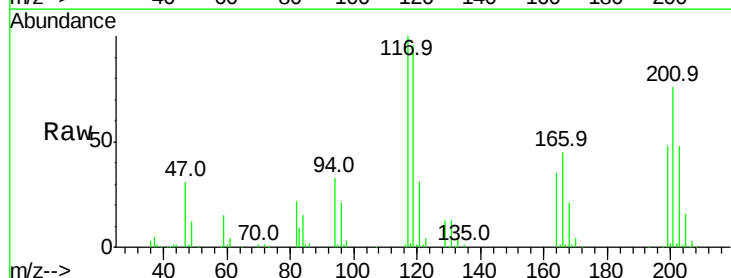


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

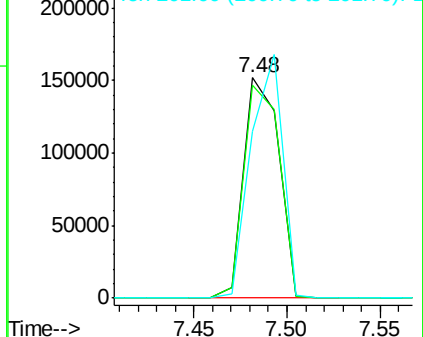
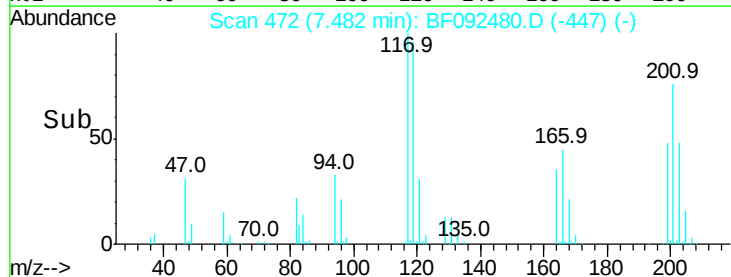


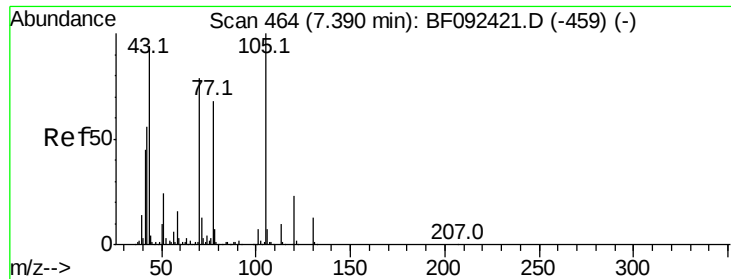
#18
Hexachloroethane
Concen: 40.28 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF092480.D
Acq: 25 Jan 2017 16:55

Tgt Ion:117 Resp: 198794
Ion Ratio Lower Upper
117 100
119 96.5 78.1 117.1
201 75.6 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

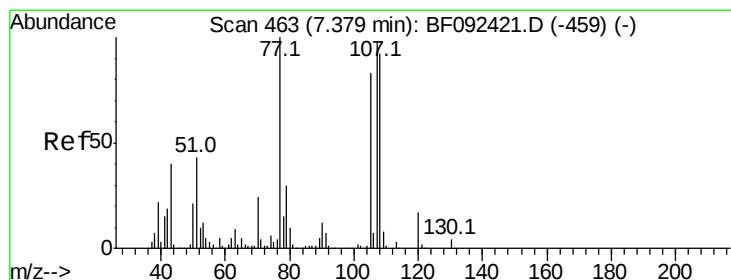
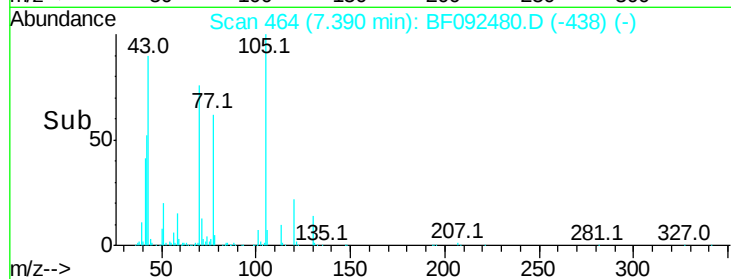
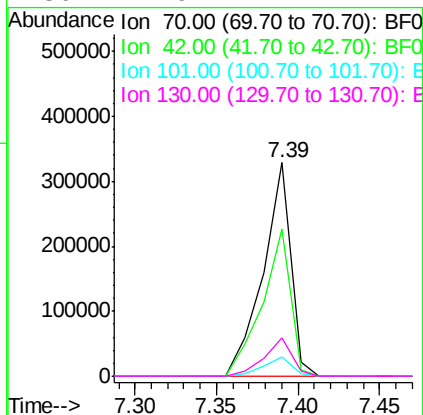
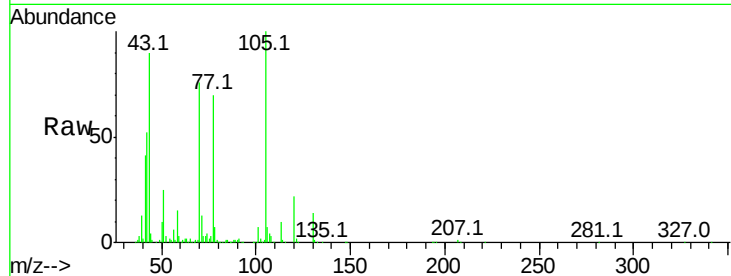




#19
n-Nitroso-di-n-propylamine
Concen: 39.41 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF092480.D
Acq: 25 Jan 2017 16:55

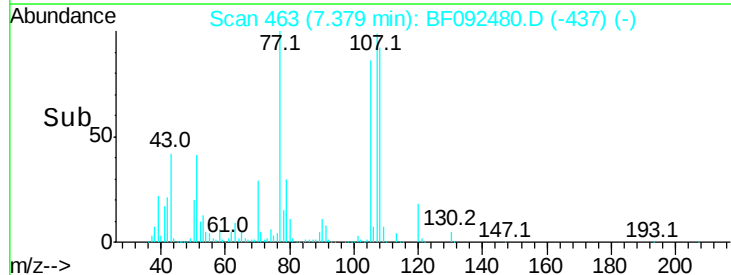
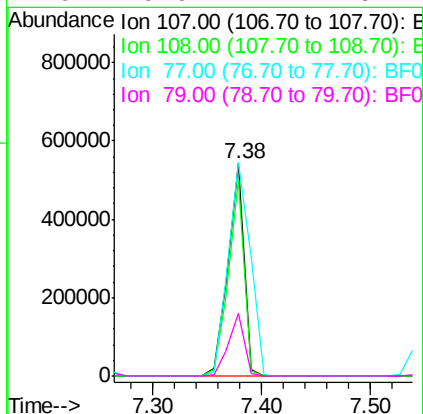
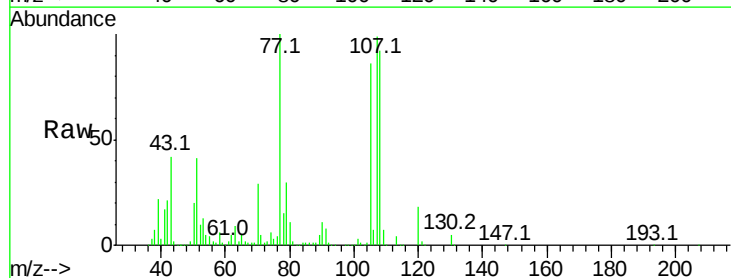
Instrument :
BNA_F
ClientSampleId :
PB96304BS

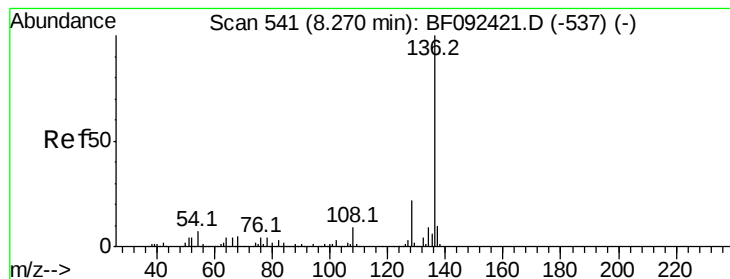
Tot Ion:	70	Resp:	391658
Ion	Ratio	Lower	Upper
70	100		
42	69.1	49.4	74.0
101	8.8	7.4	11.2
130	17.9	14.2	21.4



#20
3+4-Methylphenols
Concen: 44.40 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF092480.D
Acq: 25 Jan 2017 16:55

Tgt Ion:	107	Resp:	553956
Ion	Ratio	Lower	Upper
107	100		
108	92.2	73.0	113.0
77	100.7	71.3	111.3
79	29.9	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: BF092480.D

Acq: 25 Jan 2017 16:55

Instrument :

BNA_F

ClientSampleId :

PB96304BS

Tot Ion:136 Resp: 726701

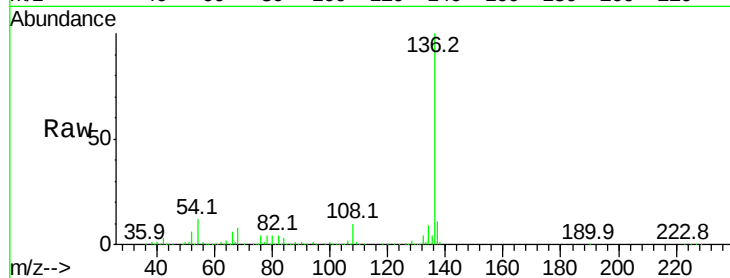
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 11.7 4.5 6.7#

68 7.8 3.6 5.4#

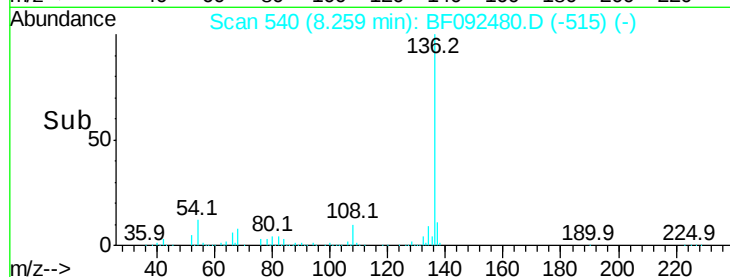


Abundance Ion 136.00 (135.70 to 136.70): E

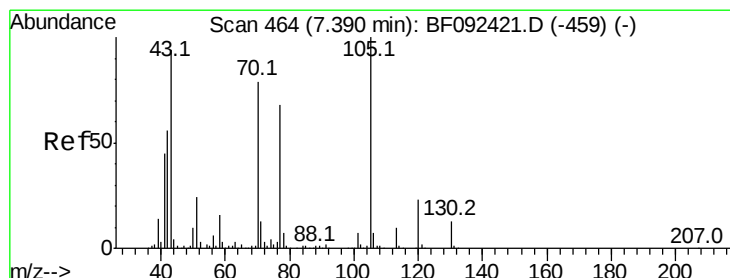
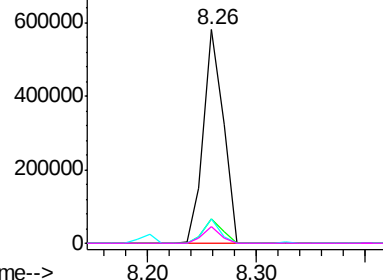
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 43.94 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.01 min

Lab File: BF092480.D

Acq: 25 Jan 2017 16:55

Tgt Ion:105 Resp: 760477

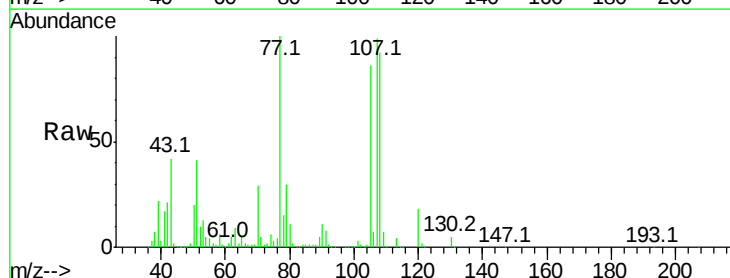
Ion Ratio Lower Upper

105 100

71 5.6 3.2 4.8#

51 47.5 26.2 39.4#

120 20.3 16.6 24.8

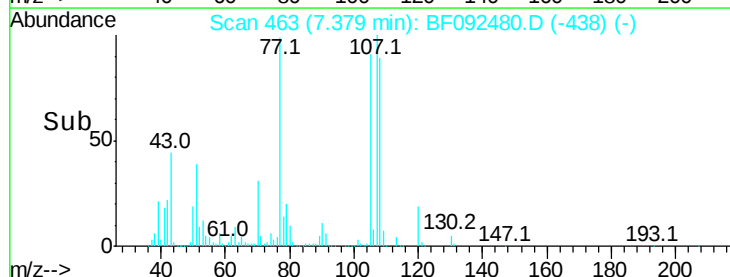


Abundance Ion 105.00 (104.70 to 105.70): E

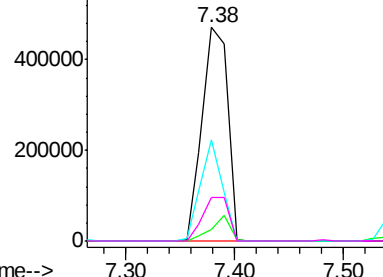
Ion 71.00 (70.70 to 71.70): BF0

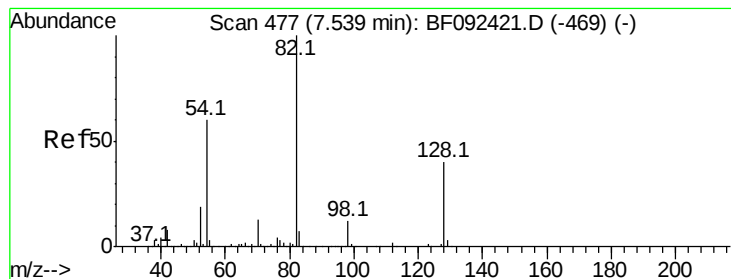
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->





#23

Nitrobenzene-d5

Concen: 88.90 ng

RT: 7.54 min Scan# 477

Delta R.T. -0.00 min

Lab File: BF092480.D

Acq: 25 Jan 2017 16:55

Instrument :

BNA_F

ClientSampleId :

PB96304BS

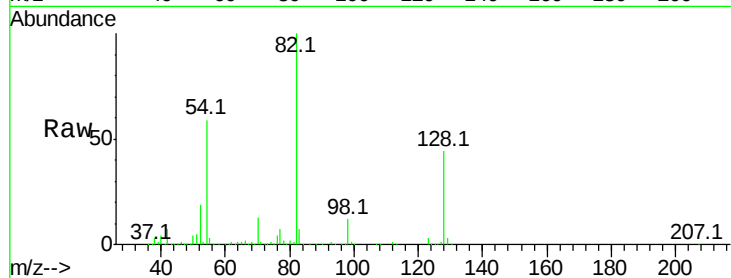
Tot Ion: 82 Resp: 1182686

Ion Ratio Lower Upper

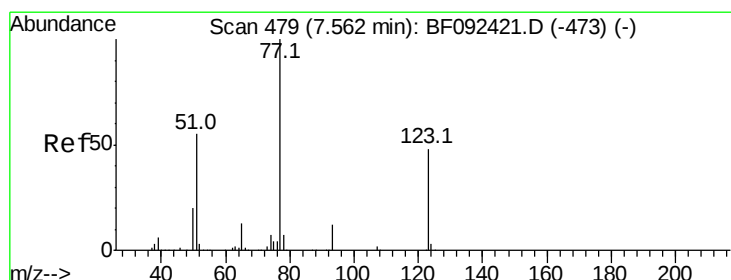
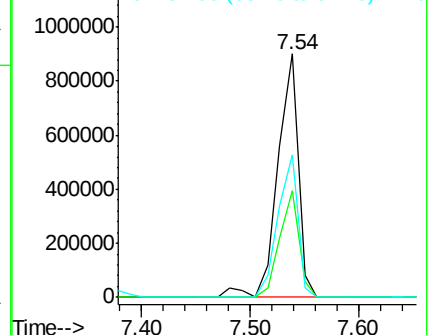
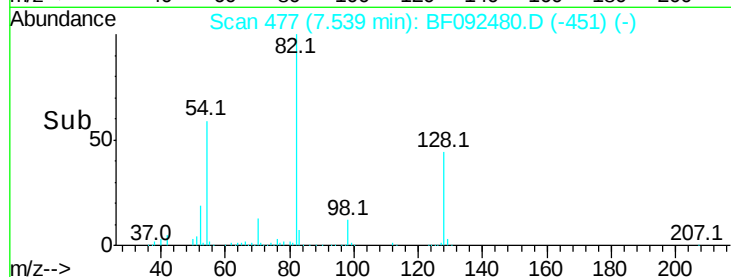
82 100

128 43.8 34.6 52.0

54 58.7 39.5 59.3



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



#24

Nitrobenzene

Concen: 43.97 ng

RT: 7.56 min Scan# 479

Delta R.T. -0.00 min

Lab File: BF092480.D

Acq: 25 Jan 2017 16:55

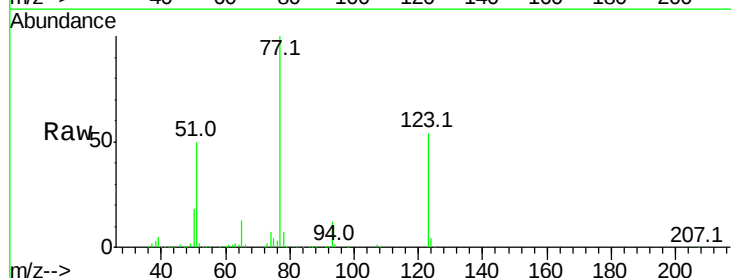
Tgt Ion: 77 Resp: 612773

Ion Ratio Lower Upper

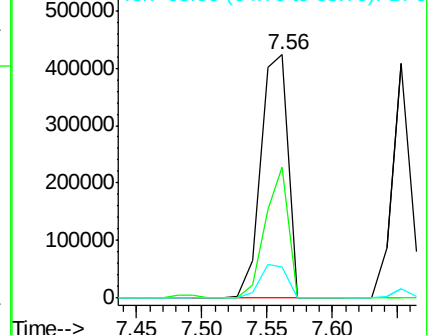
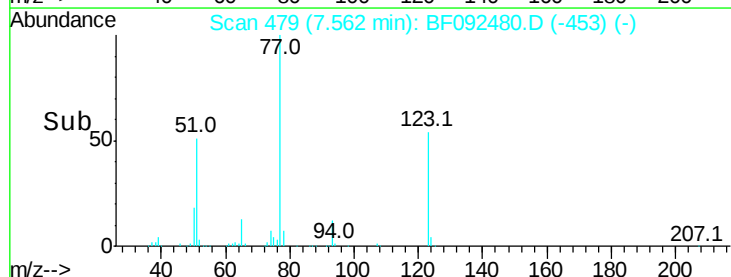
77 100

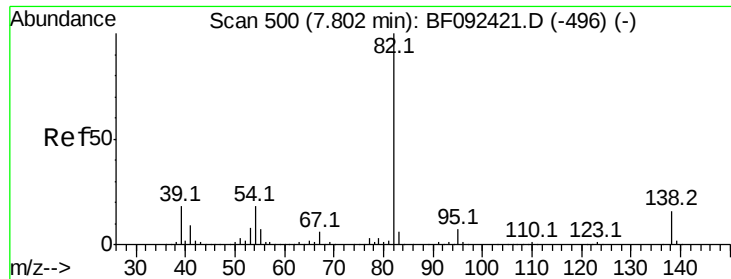
123 53.7 33.0 49.4#

65 12.6 11.2 16.8



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





#25

Isophorone

Concen: 43.44 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF092480.D

Acq: 25 Jan 2017 16:55

Instrument :

BNA_F

ClientSampleId :

PB96304BS

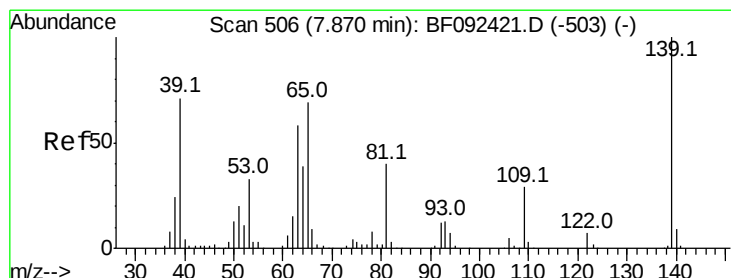
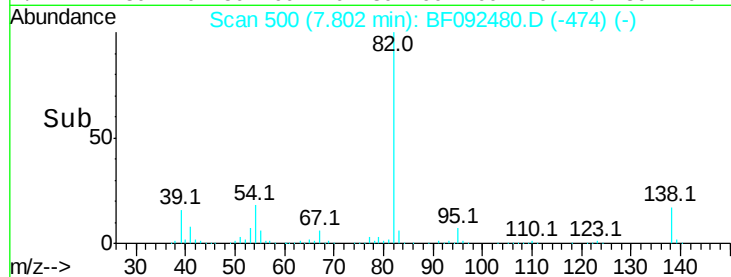
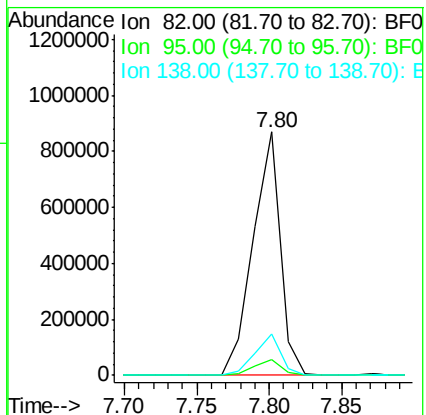
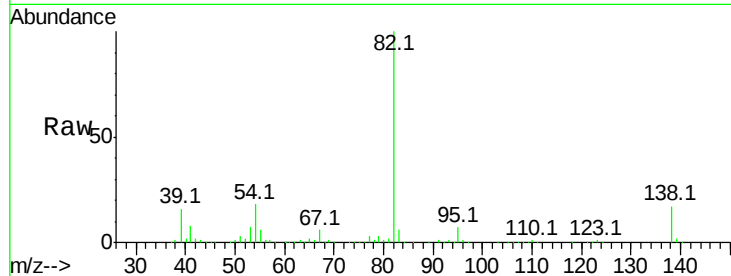
Tot Ion: 82 Resp: 1138701

Ion Ratio Lower Upper

82 100

95 6.5 5.6 8.4

138 17.1 14.6 22.0



#26

2-Nitrophenol

Concen: 47.50 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF092480.D

Acq: 25 Jan 2017 16:55

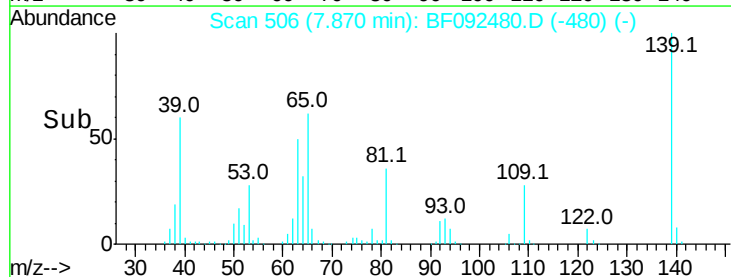
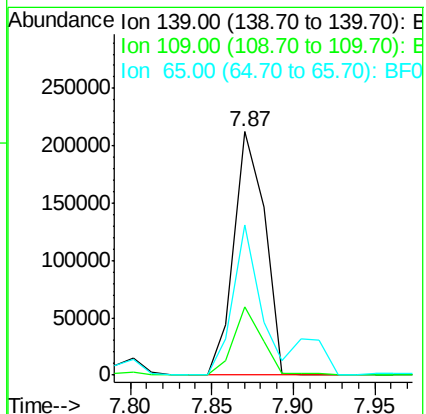
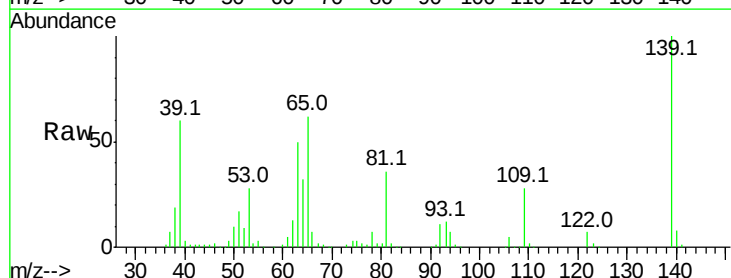
Tgt Ion: 139 Resp: 277409

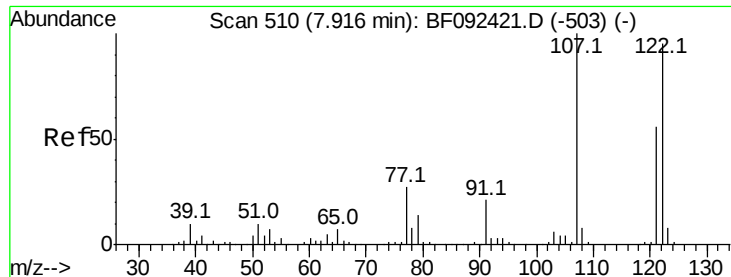
Ion Ratio Lower Upper

139 100

109 28.1 23.3 34.9

65 61.6 42.7 64.1

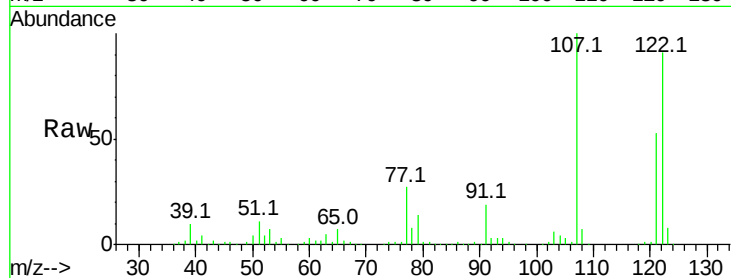




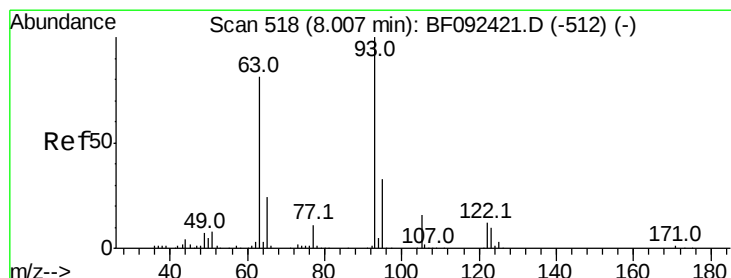
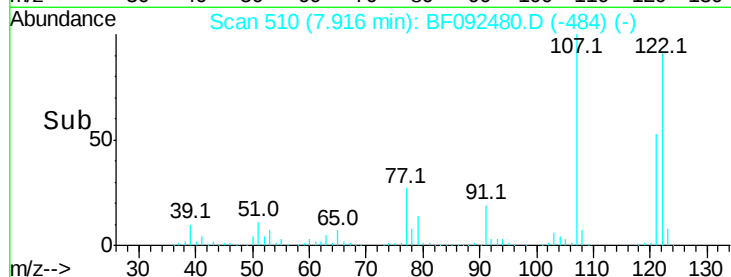
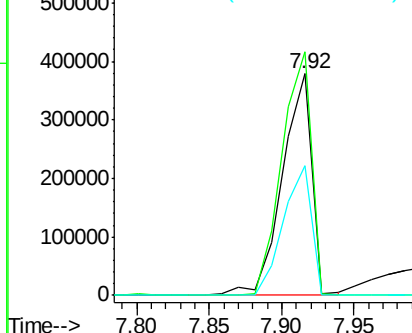
#27
 2,4-Dimethylphenol
 Concen: 44.03 ng
 RT: 7.92 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: BF092480.D
 Acq: 25 Jan 2017 16:55

Instrument :
 BNA_F
 ClientSampleID :
 PB96304BS

Tot Ion:122 Resp: 534777
 Ion Ratio Lower Upper
 122 100
 107 110.0 94.1 141.1
 121 58.7 46.0 69.0

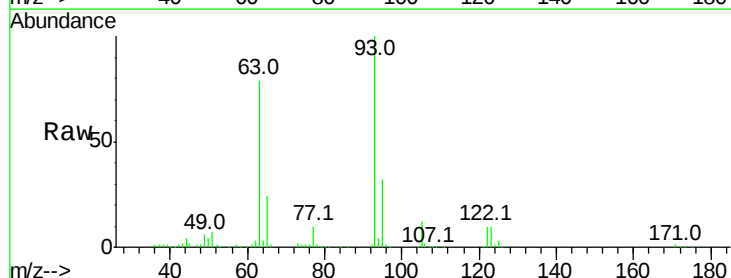


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

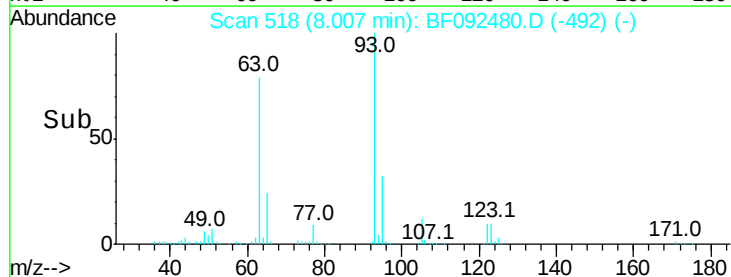
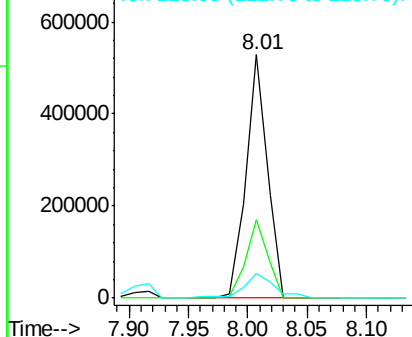


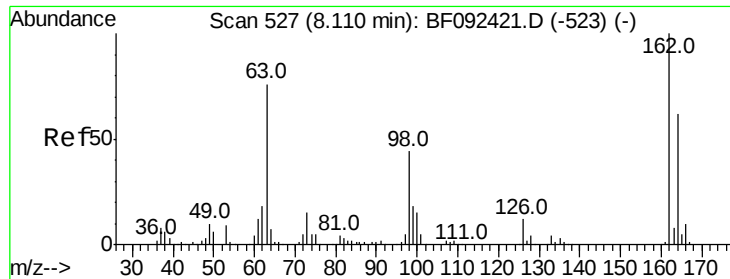
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.60 ng
 RT: 8.01 min Scan# 518
 Delta R.T. -0.00 min
 Lab File: BF092480.D
 Acq: 25 Jan 2017 16:55

Tgt Ion: 93 Resp: 664230
 Ion Ratio Lower Upper
 93 100
 95 32.0 26.5 39.7
 123 10.3 8.6 13.0



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

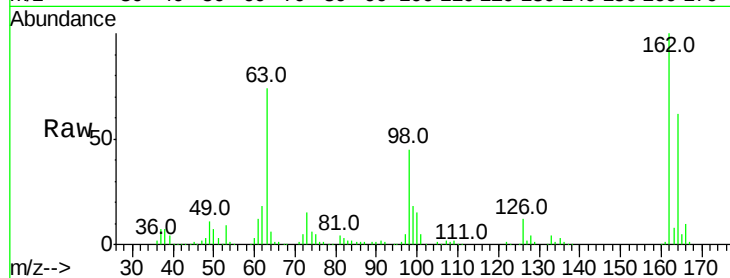




#29
 2,4-Dichlorophenol
 Concen: 45.57 ng
 RT: 8.11 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: BF092480.D
 Acq: 25 Jan 2017 16:55

Instrument :
 BNA_F
 ClientSampleId :
 PB96304BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.3	46.8	86.8
98	44.5	9.1	49.1

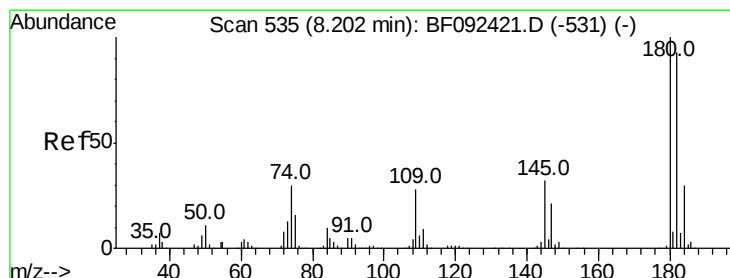
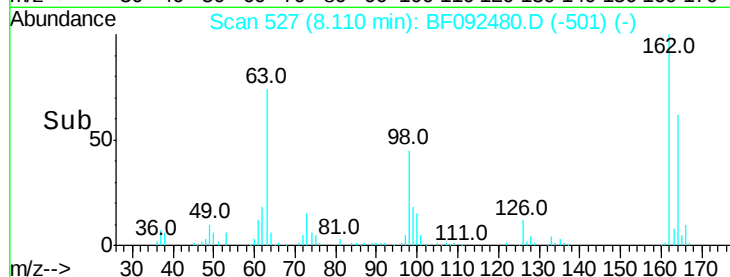
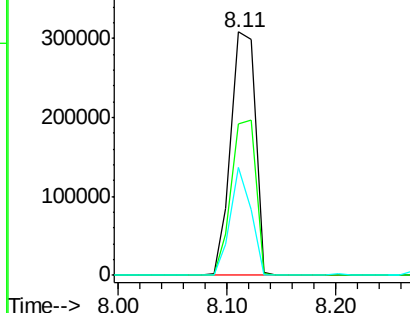


Abundance

Ion 162.00 (161.70 to 162.70): E

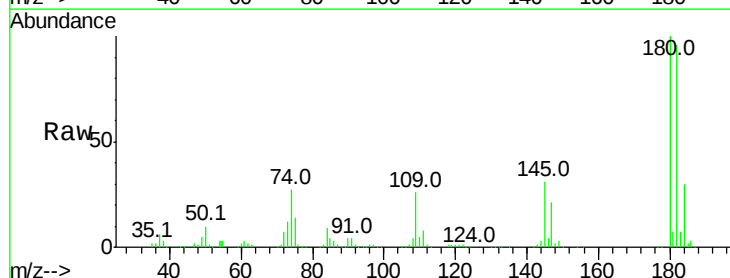
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30
 1,2,4-Trichlorobenzene
 Concen: 41.36 ng
 RT: 8.20 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: BF092480.D
 Acq: 25 Jan 2017 16:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	78.2	117.4
145	31.5	21.6	32.4

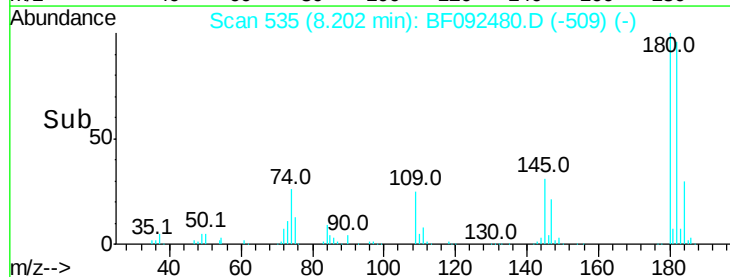
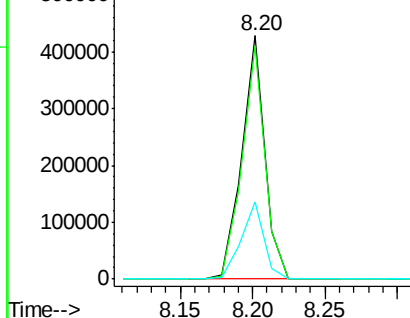


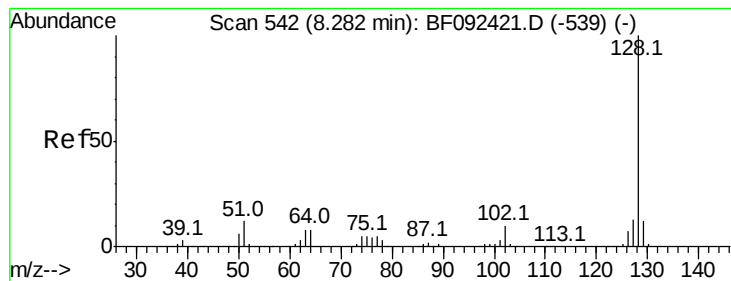
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.23 ng

RT: 8.28 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF092480.D

Acq: 25 Jan 2017 16:55

Instrument :

BNA_F

ClientSampleId :

PB96304BS

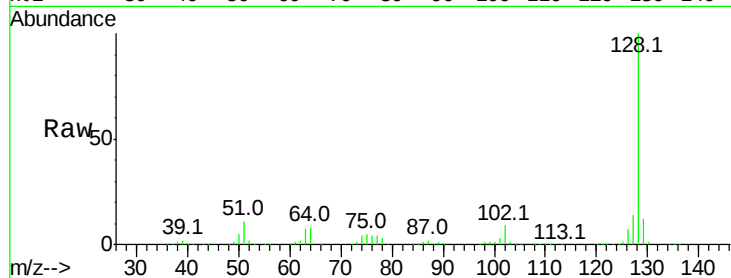
Tot Ion:128 Resp: 1459170

Ion Ratio Lower Upper

128 100

129 11.5 9.5 14.3

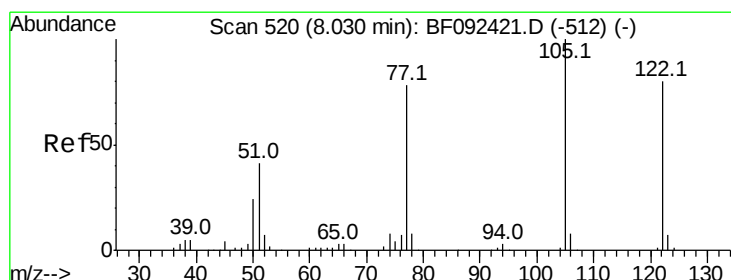
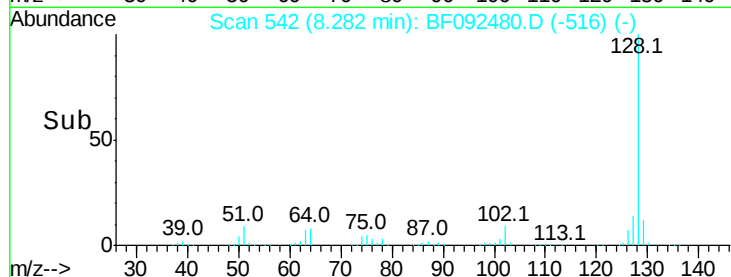
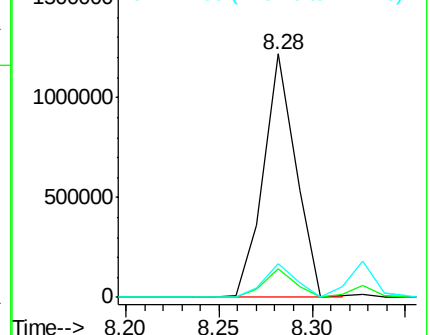
127 13.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.26 ng

RT: 8.04 min Scan# 521

Delta R.T. 0.01 min

Lab File: BF092480.D

Acq: 25 Jan 2017 16:55

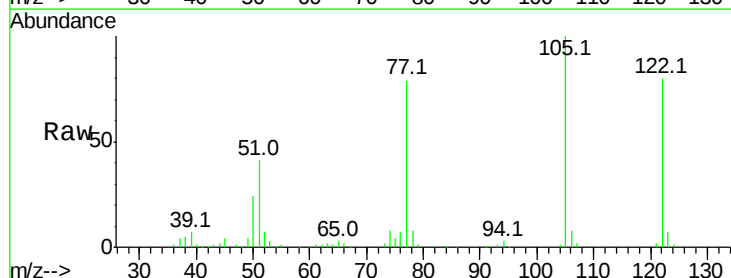
Tgt Ion:122 Resp: 347847

Ion Ratio Lower Upper

122 100

105 124.4 107.2 147.2

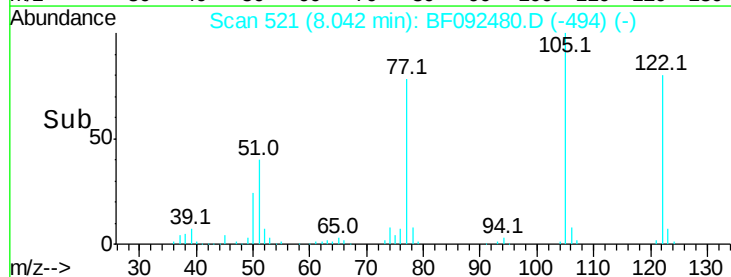
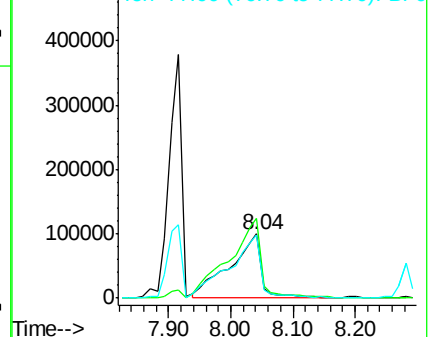
77 98.3 74.5 114.5

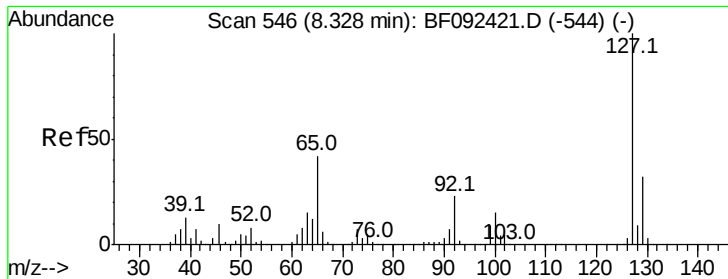


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

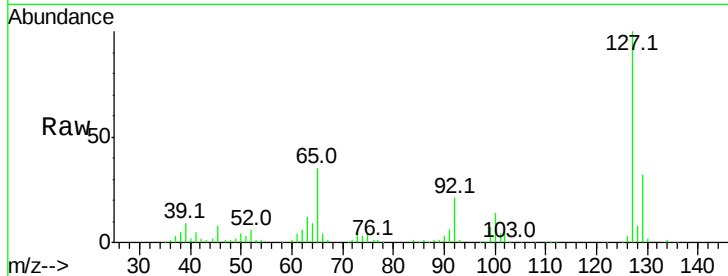




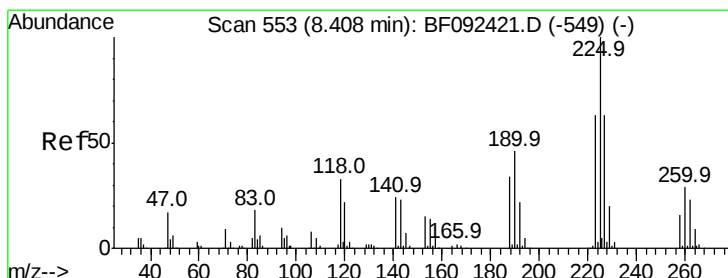
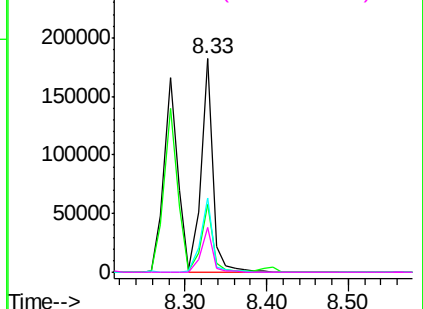
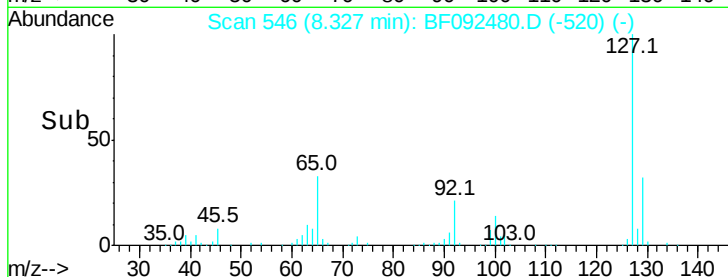
#33
 4-Chloroaniline
 Concen: 11.77 ng
 RT: 8.33 min Scan# 546
 Delta R.T. -0.00 min
 Lab File: BF092480.D
 Acq: 25 Jan 2017 16:55

Instrument :
 BNA_F
 ClientSampleId :
 PB96304BS

Tot Ion:	127	Resp:	185219
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.3	39.5
65	34.6	25.8	38.8
92	20.8	16.1	24.1

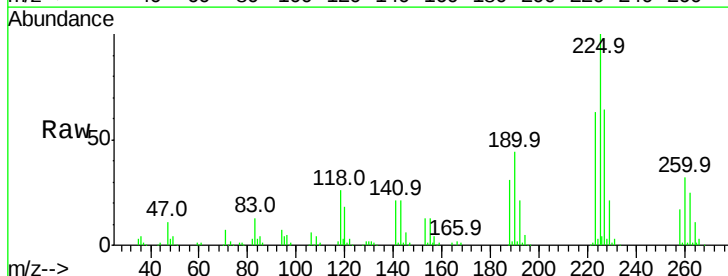


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

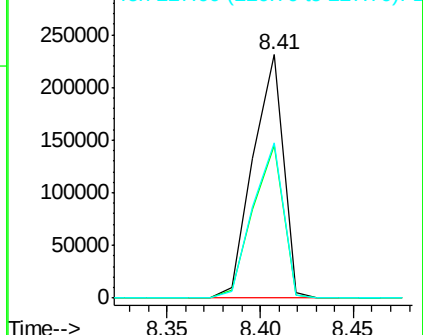
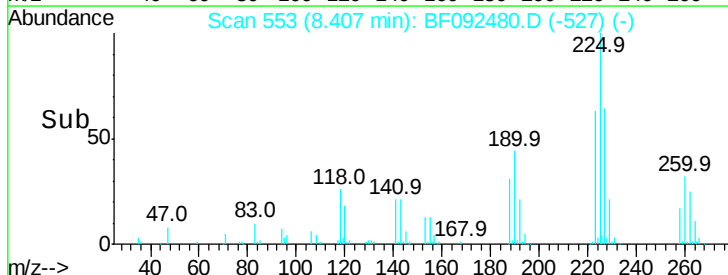


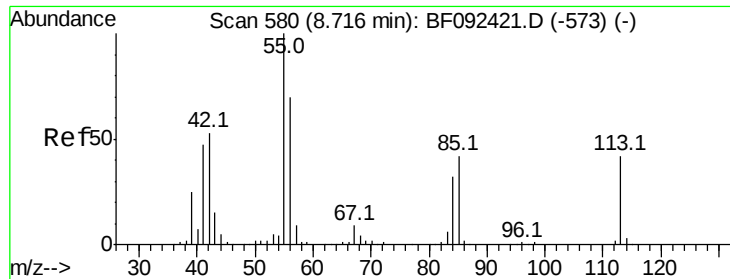
#34
 Hexachlorobutadiene
 Concen: 41.89 ng
 RT: 8.41 min Scan# 553
 Delta R.T. -0.00 min
 Lab File: BF092480.D
 Acq: 25 Jan 2017 16:55

Tgt Ion:	225	Resp:	260768
Ion	Ratio	Lower	Upper
225	100		
223	62.9	51.0	76.6
227	64.0	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: 50.40 ng/mL

RT: 8.72 min Scan# 580

Delta R.T. -0.00 min

Lab File: BF092480.D

Acq: 25 Jan 2017 16:55

Instrument :

BNA_F

ClientSampleID :

PB96304BS

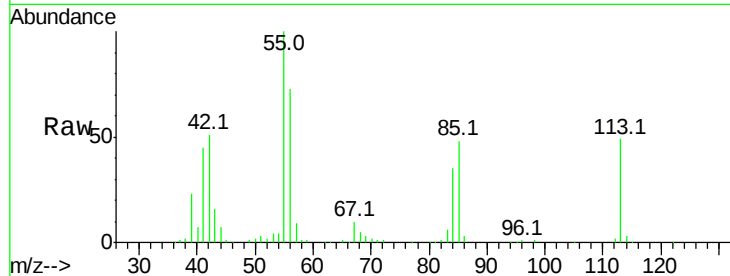
Tot Ion:113 Resp: 177231

Ion Ratio Lower Upper

113 100

55 203.6 119.2 159.2#

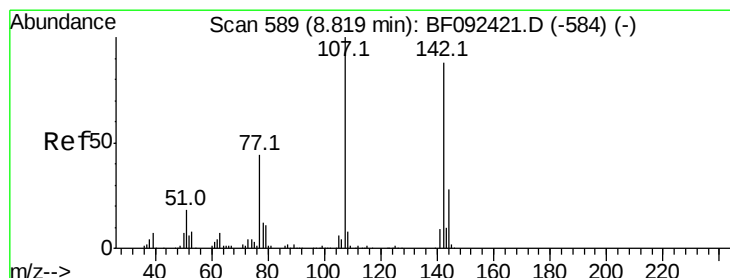
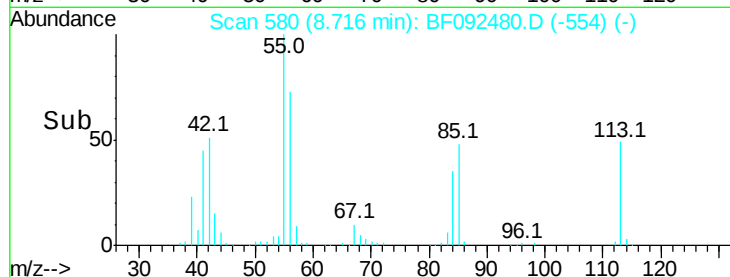
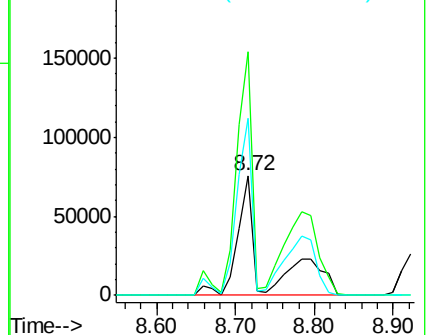
56 148.3 83.8 123.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 47.57 ng/mL

RT: 8.82 min Scan# 589

Delta R.T. -0.00 min

Lab File: BF092480.D

Acq: 25 Jan 2017 16:55

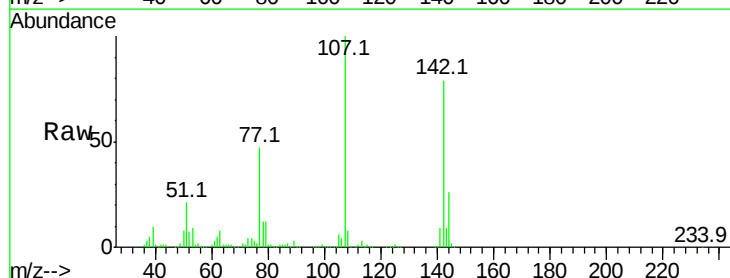
Tgt Ion:107 Resp: 540115

Ion Ratio Lower Upper

107 100

144 25.5 19.3 28.9

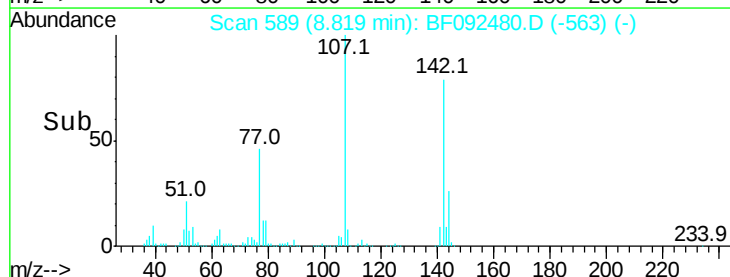
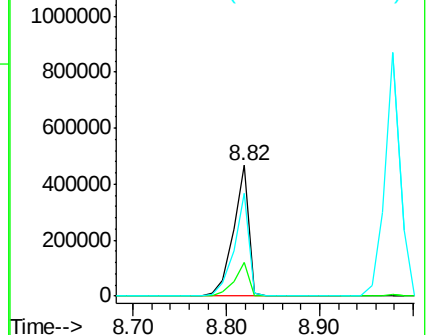
142 79.1 59.0 88.6

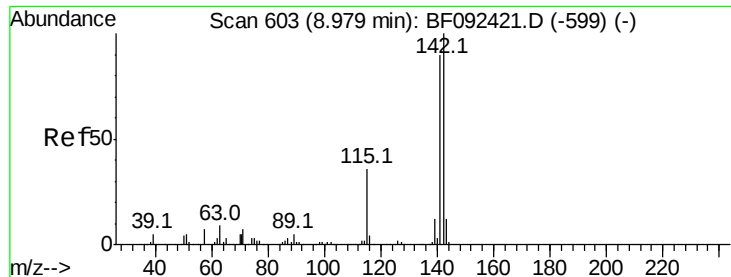


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

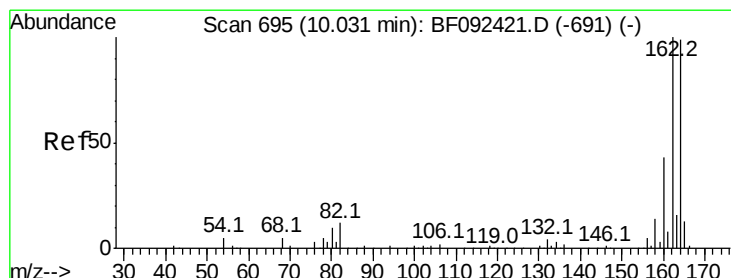
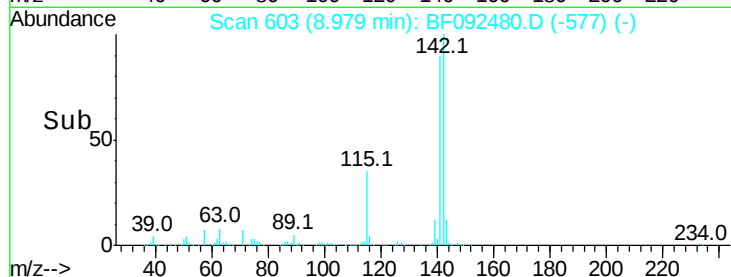
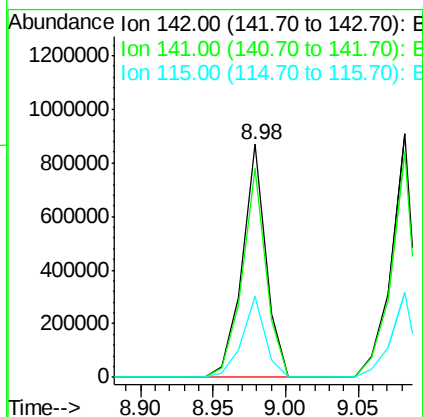
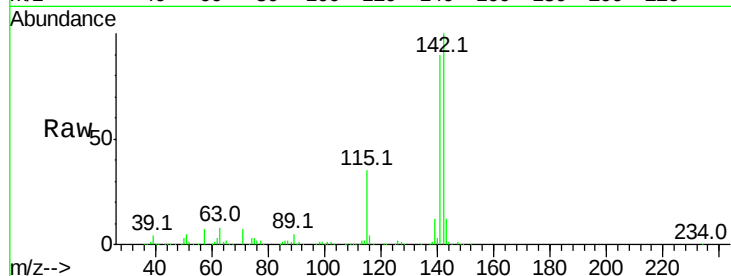




#37
 2-Methylnaphthalene
 Concen: 42.10 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: BF092480.D
 Acq: 25 Jan 2017 16:55

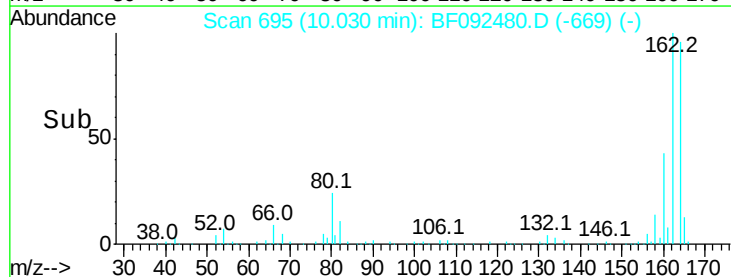
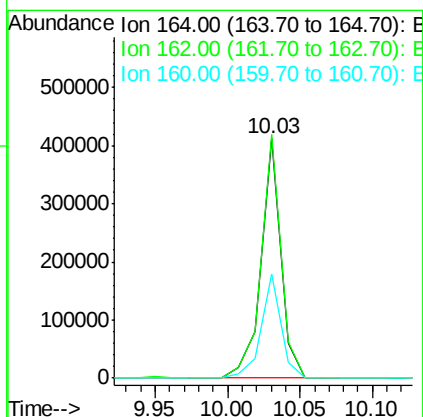
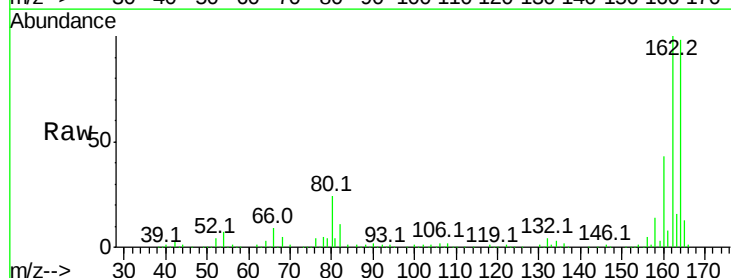
Instrument :
 BNA_F
 ClientSampleId :
 PB96304BS

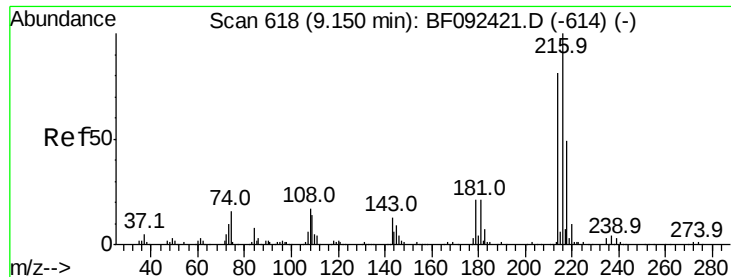
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.0	106.6
115	34.6	28.3	42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.03 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: BF092480.D
 Acq: 25 Jan 2017 16:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.2	120.2
160	43.7	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.68 ng

RT: 9.15 min Scan# 618

Delta R.T. -0.00 min

Lab File: BF092480.D

Acq: 25 Jan 2017 16:55

Instrument :

BNA_F

ClientSampleId :

PB96304BS

Tot Ion:216 Resp: 471367

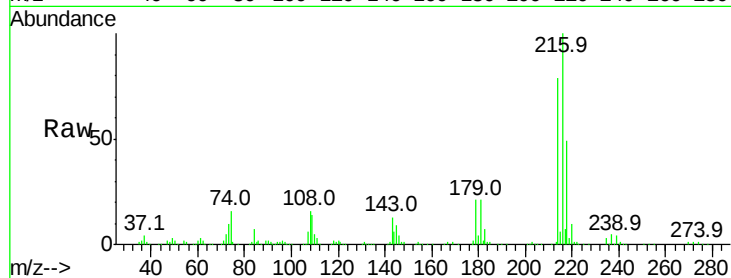
Ion Ratio Lower Upper

216 100

214 79.4 63.4 95.0

179 21.7 17.4 26.2

108 20.8 15.6 23.4

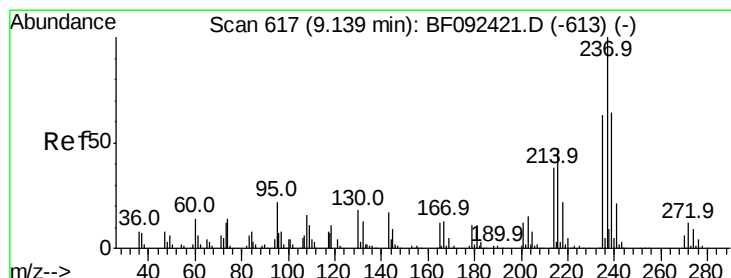
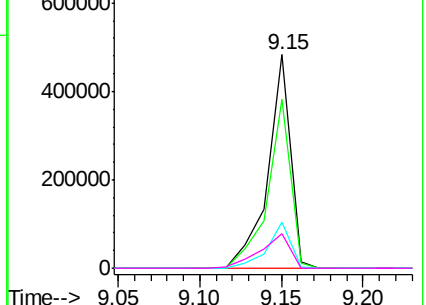
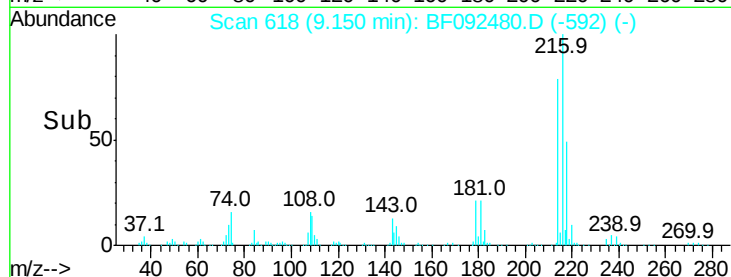


Abundance Ion 216.00 (215.70 to 216.70): E

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: 88.44 ng

RT: 9.14 min Scan# 617

Delta R.T. -0.00 min

Lab File: BF092480.D

Acq: 25 Jan 2017 16:55

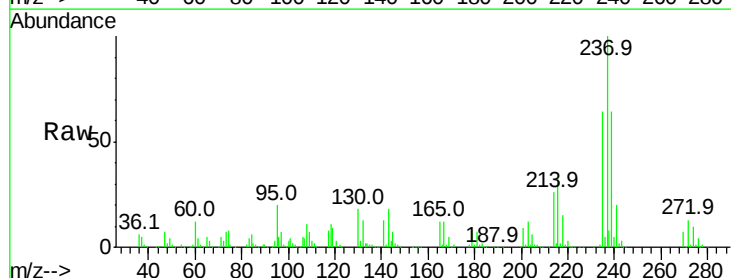
Tgt Ion:237 Resp: 437842

Ion Ratio Lower Upper

237 100

235 64.4 41.2 81.2

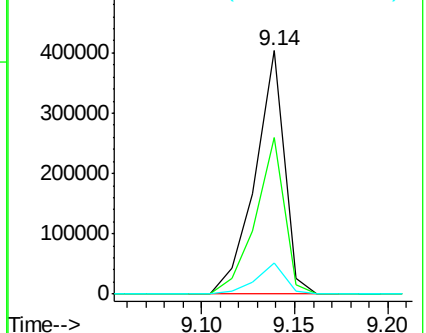
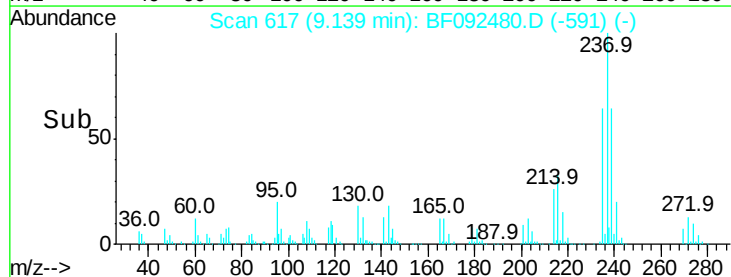
272 12.7 0.0 35.4

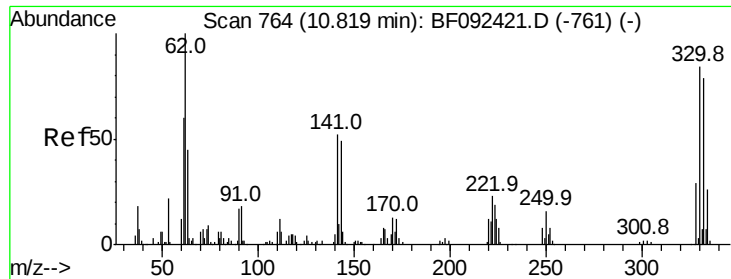


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 149.16 ng

RT: 10.83 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF092480.D

Acq: 25 Jan 2017 16:55

Instrument :

BNA_F

ClientSampleId :

PB96304BS

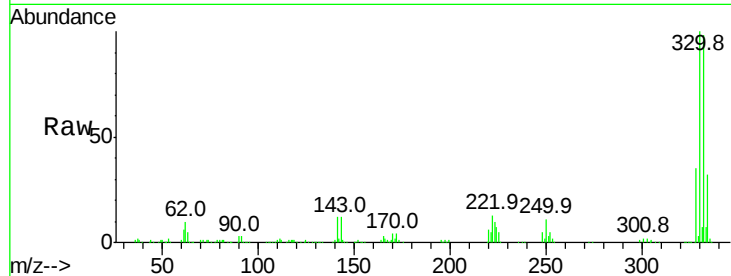
Tot Ion:330 Resp: 398358

Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.2

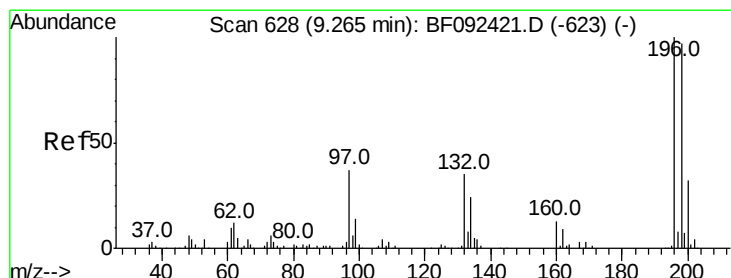
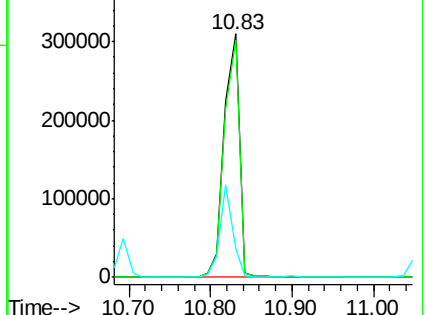
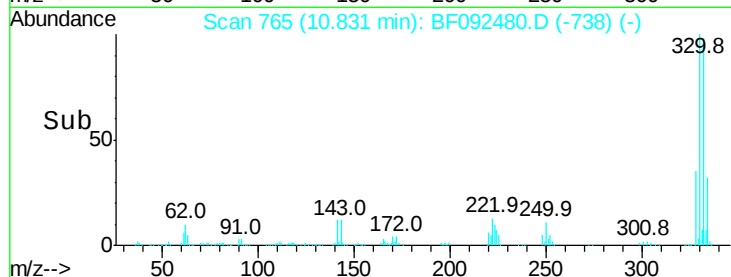
141 32.6 34.1 51.1#



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 47.69 ng

RT: 9.26 min Scan# 628

Delta R.T. -0.00 min

Lab File: BF092480.D

Acq: 25 Jan 2017 16:55

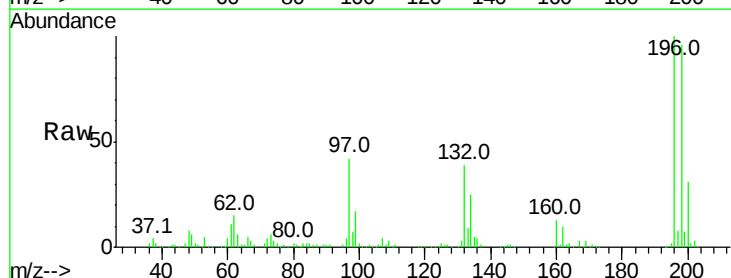
Tgt Ion:196 Resp: 361216

Ion Ratio Lower Upper

196 100

198 96.0 82.1 123.1

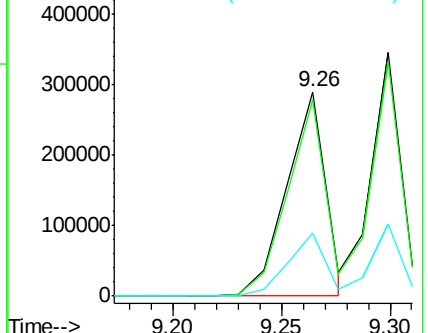
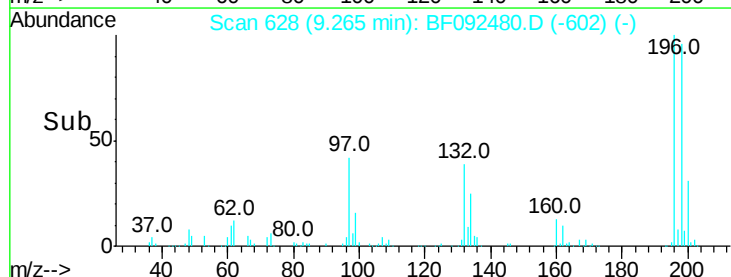
200 30.9 27.0 40.4

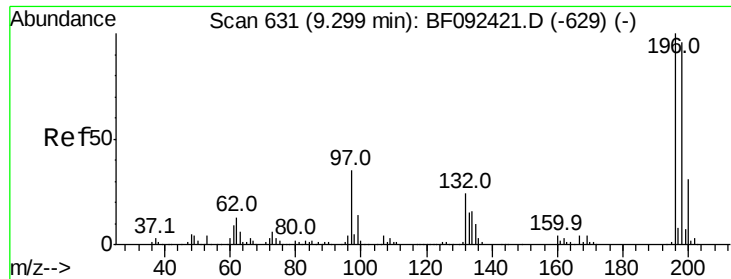


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

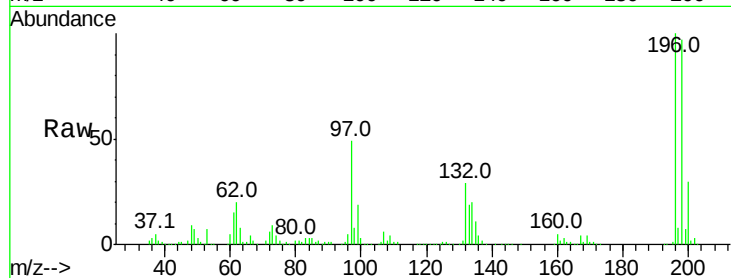




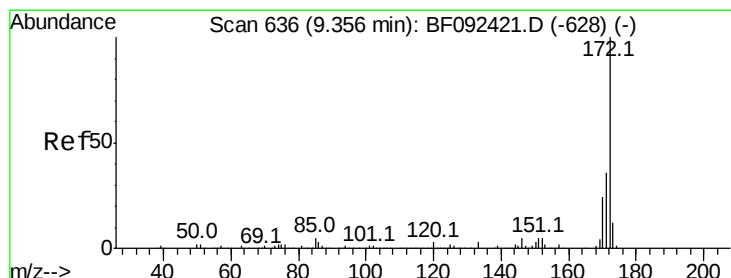
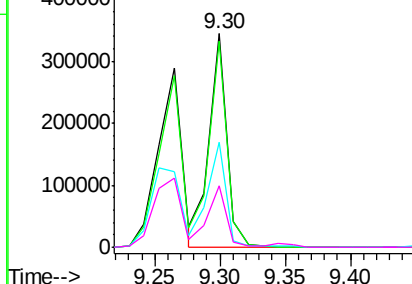
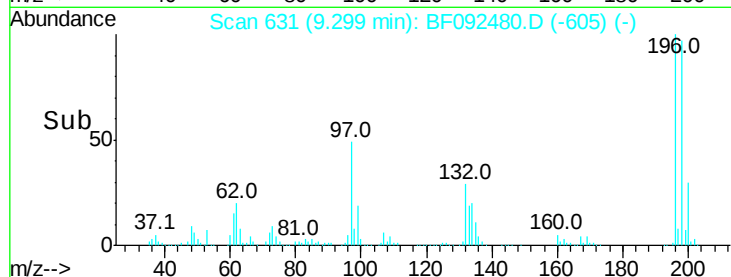
#43
 2,4,5-Trichlorophenol
 Concen: 47.62 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF092480.D
 Acq: 25 Jan 2017 16:55

Instrument :
 BNA_F
 ClientSampleId :
 PB96304BS

Tot Ion:196 Resp: 330016
 Ion Ratio Lower Upper
 196 100
 198 96.6 79.4 119.2
 97 49.3 51.5 77.3#
 132 28.9 27.4 41.2

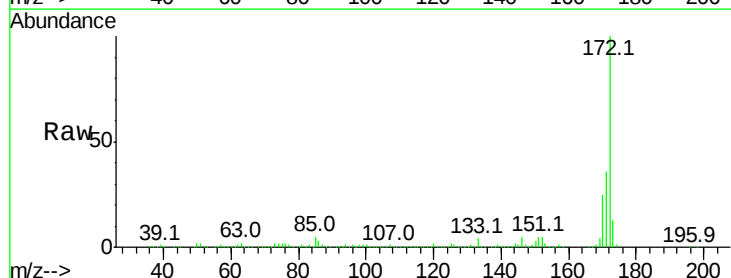


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

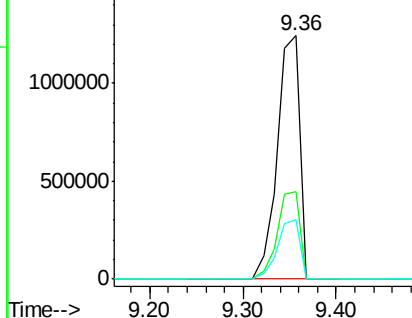
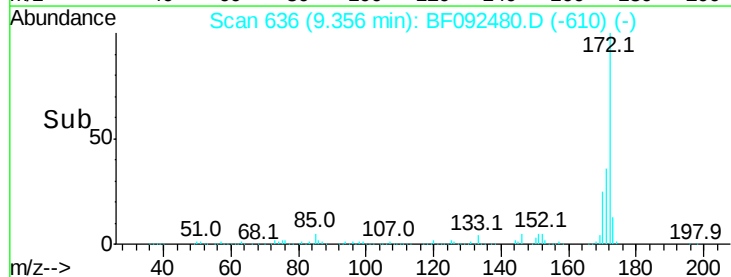


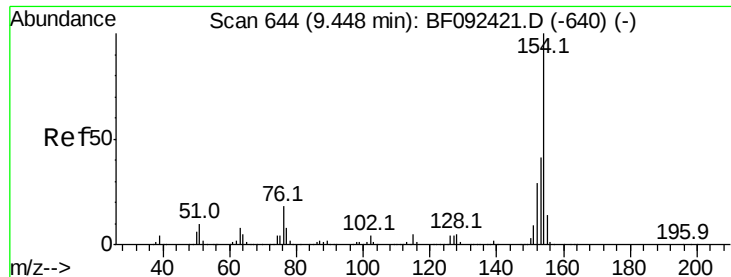
#44
 2-Fluorobiphenyl
 Concen: 96.49 ng
 RT: 9.36 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: BF092480.D
 Acq: 25 Jan 2017 16:55

Tgt Ion:172 Resp: 2045008
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.4 44.0
 170 24.5 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

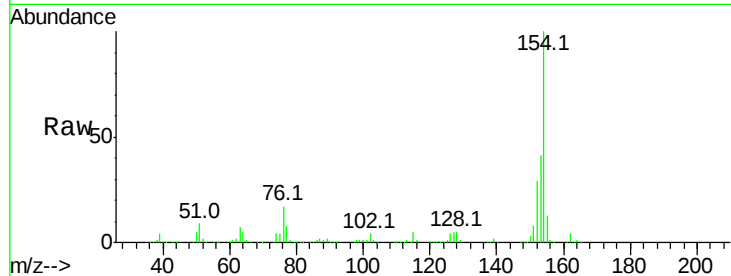




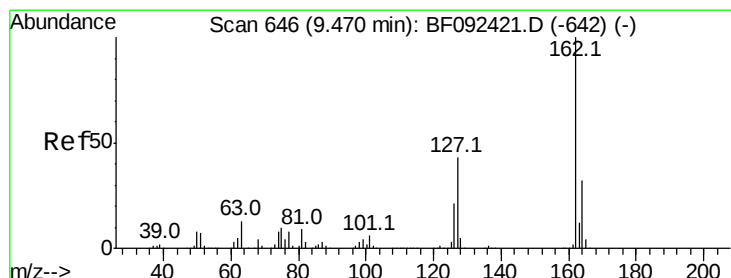
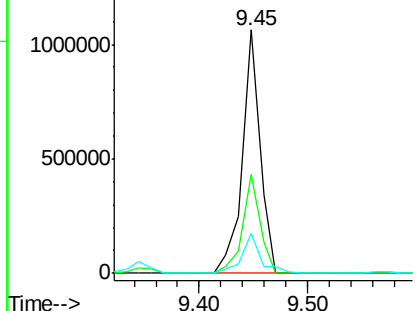
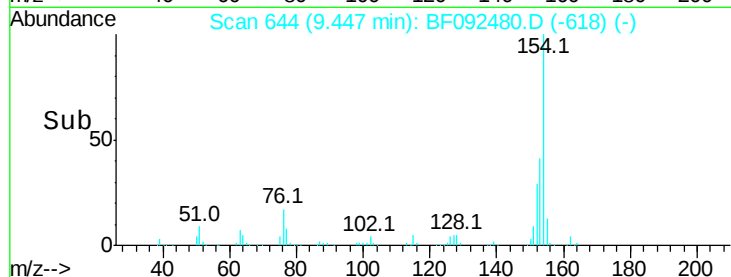
#45
1,1'-Biphenyl
Concen: 42.01 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.00 min
Lab File: BF092480.D
Acq: 25 Jan 2017 16:55

Instrument :
BNA_F
ClientSampled :
PB96304BS

Tot Ion:154 Resp: 1190028
Ion Ratio Lower Upper
154 100
153 40.6 20.9 60.9
76 16.6 0.0 30.5

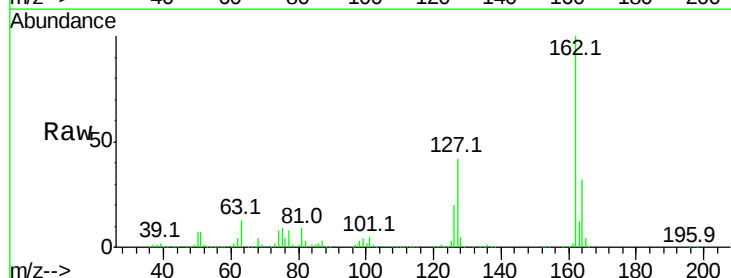


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

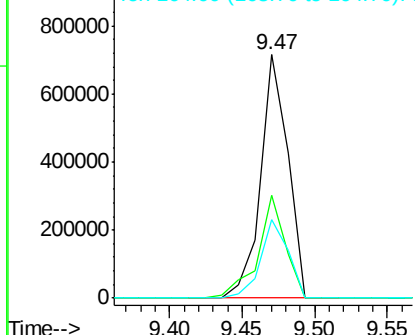
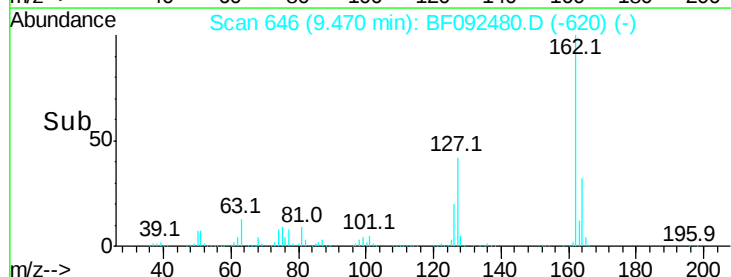


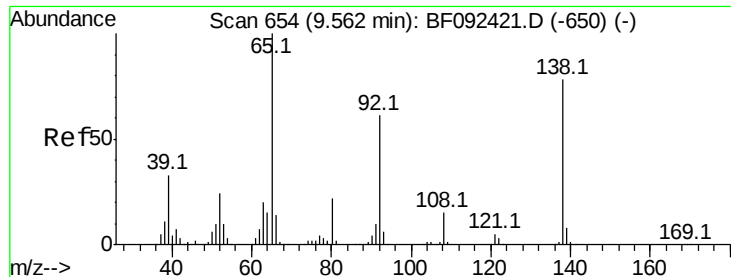
#46
2-Chloronaphthalene
Concen: 40.17 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.00 min
Lab File: BF092480.D
Acq: 25 Jan 2017 16:55

Tgt Ion:162 Resp: 929494
Ion Ratio Lower Upper
162 100
127 42.2 30.7 46.1
164 32.0 27.6 41.4



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





#47

2-Nitroaniline

Concen: 43.03 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF092480.D

Acq: 25 Jan 2017 16:55

Instrument :

BNA_F

ClientSampleId :

PB96304BS

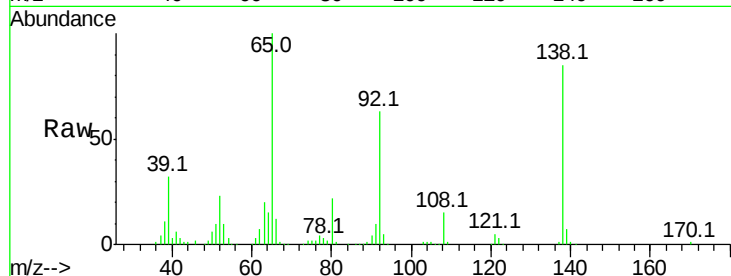
Tot Ion: 65 Resp: 335287

Ion Ratio Lower Upper

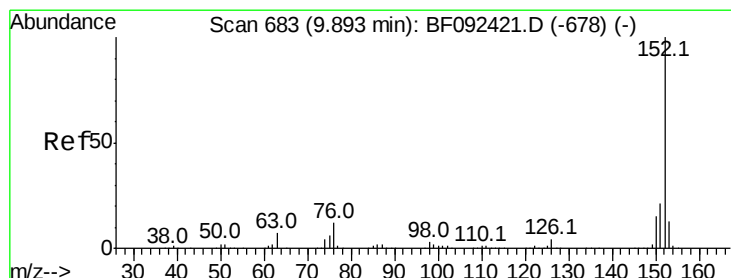
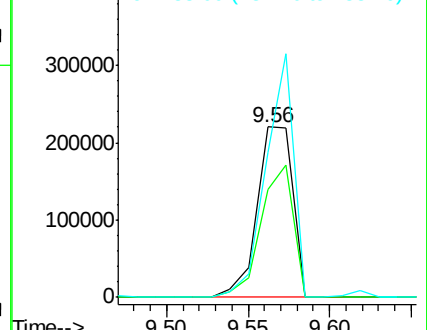
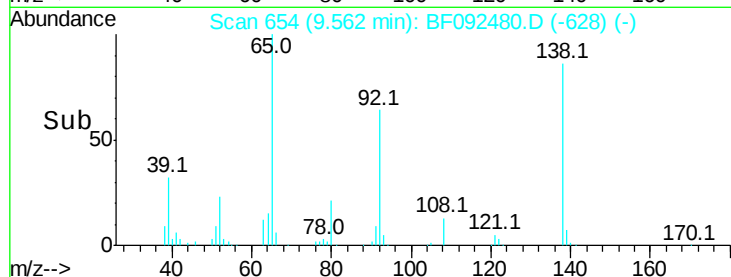
65 100

92 63.1 53.9 80.9

138 85.5 76.8 115.2



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 44.72 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF092480.D

Acq: 25 Jan 2017 16:55

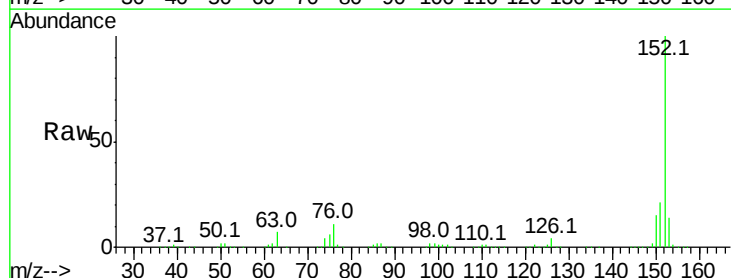
Tgt Ion:152 Resp: 1517850

Ion Ratio Lower Upper

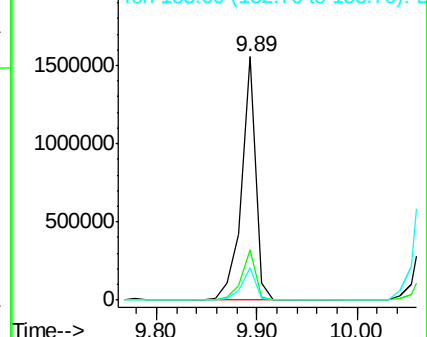
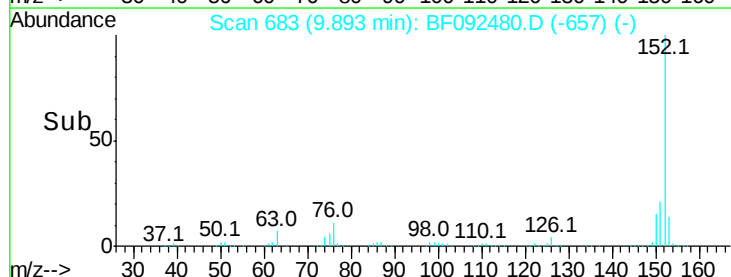
152 100

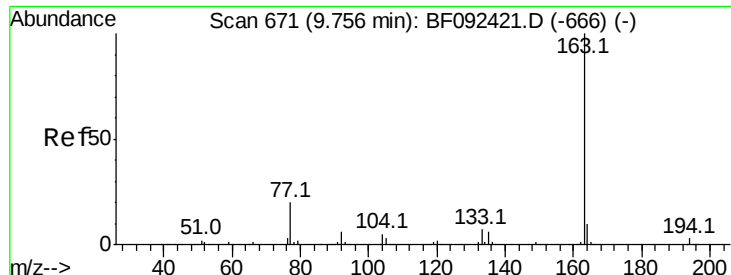
151 20.7 16.9 25.3

153 13.5 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

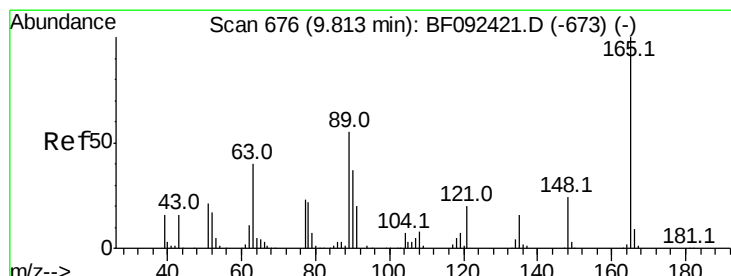
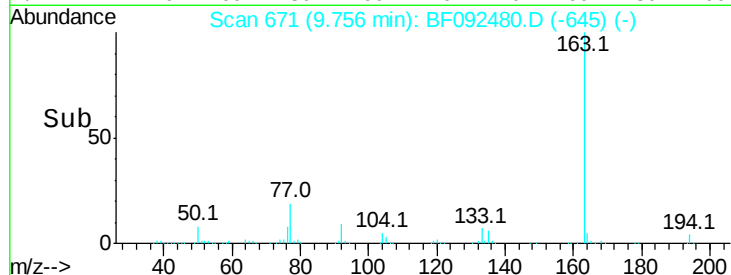
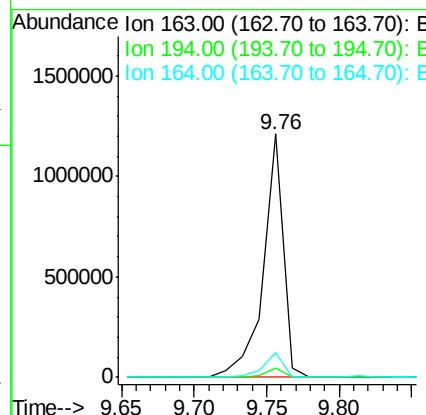
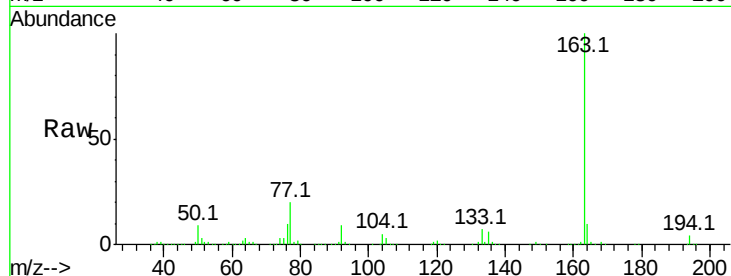




#49
Dimethylphthalate
Concen: 46.22 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF092480.D
Acq: 25 Jan 2017 16:55

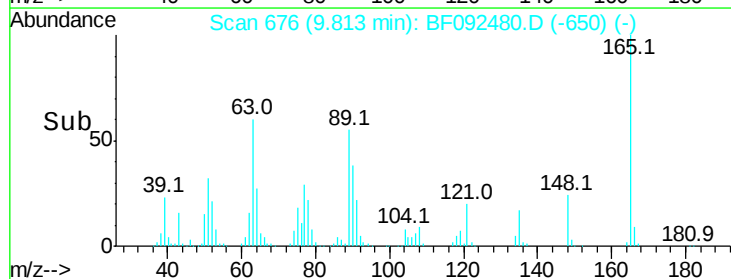
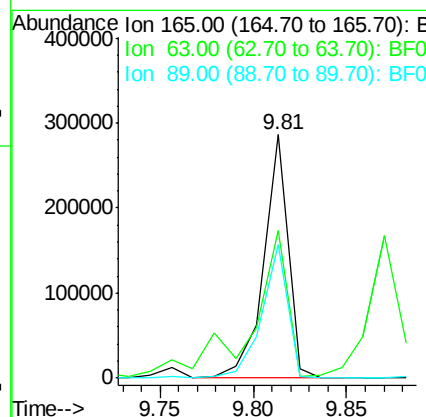
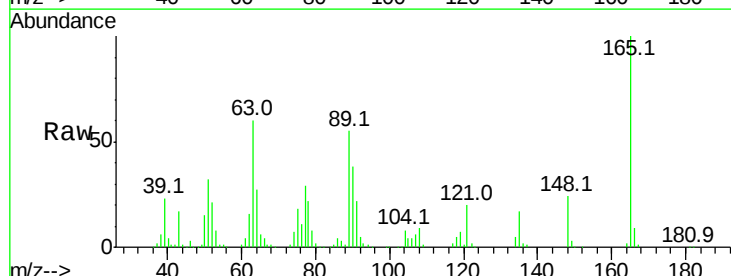
Instrument :
BNA_F
ClientSampleId :
PB96304BS

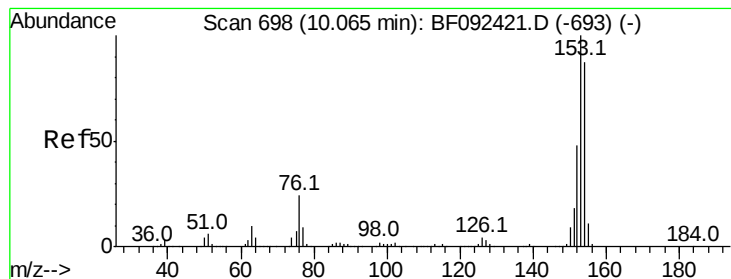
Tot Ion:163 Resp: 1151935
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 10.0 8.0 12.0



#50
2,6-Dinitrotoluene
Concen: 50.71 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.00 min
Lab File: BF092480.D
Acq: 25 Jan 2017 16:55

Tgt Ion:165 Resp: 258341
Ion Ratio Lower Upper
165 100
63 60.5 36.2 54.4#
89 54.9 40.2 60.4





#51

Acenaphthene

Concen: 46.26 ng

RT: 10.06 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF092480.D

Acq: 25 Jan 2017 16:55

Instrument :

BNA_F

ClientSampleId :

PB96304BS

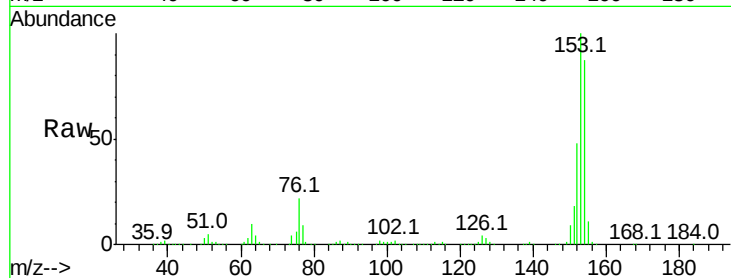
Tot Ion:154 Resp: 975519

Ion Ratio Lower Upper

154 100

153 115.3 88.6 133.0

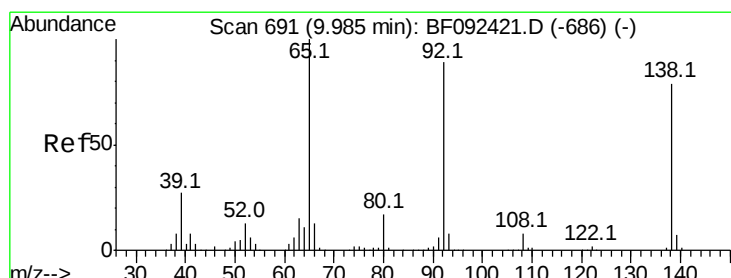
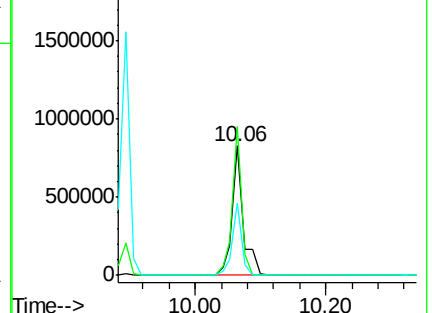
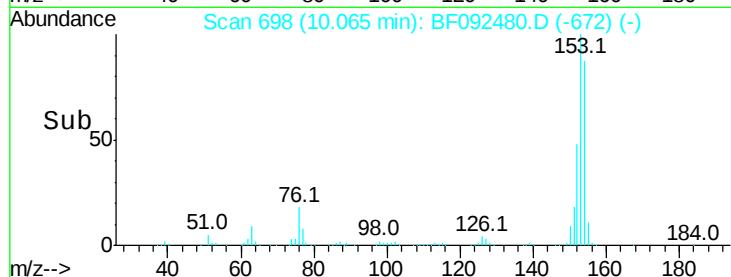
152 55.6 41.6 62.4



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: 21.39 ng

RT: 9.98 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF092480.D

Acq: 25 Jan 2017 16:55

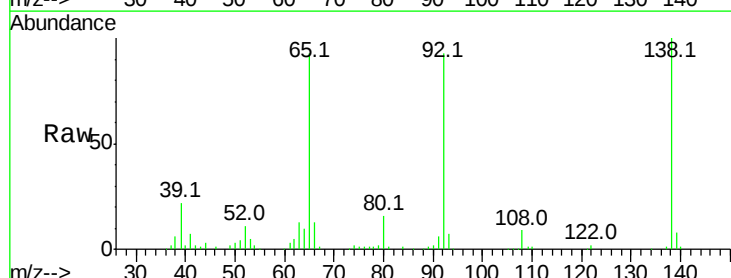
Tgt Ion:138 Resp: 136481

Ion Ratio Lower Upper

138 100

108 9.2 8.5 12.7

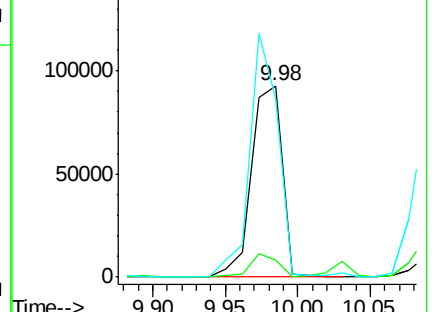
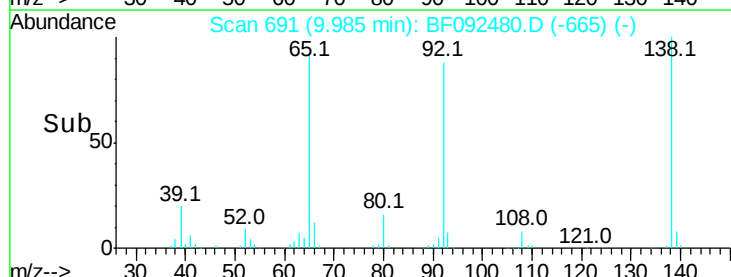
92 93.3 97.8 146.8#

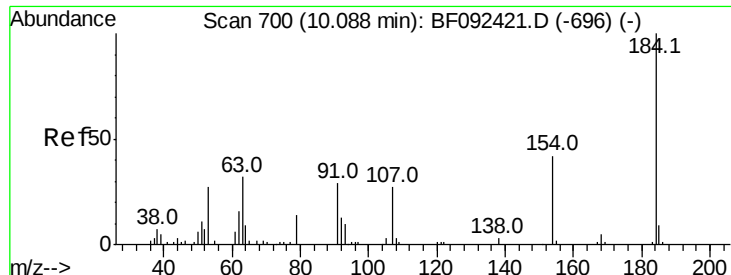


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

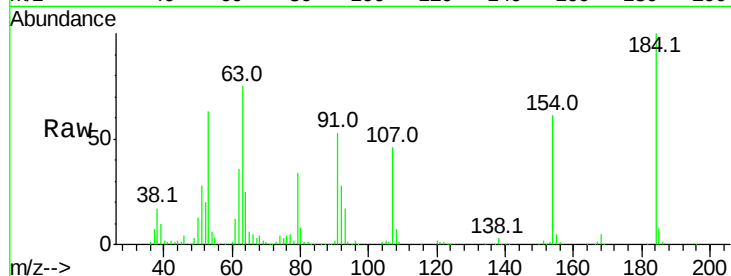




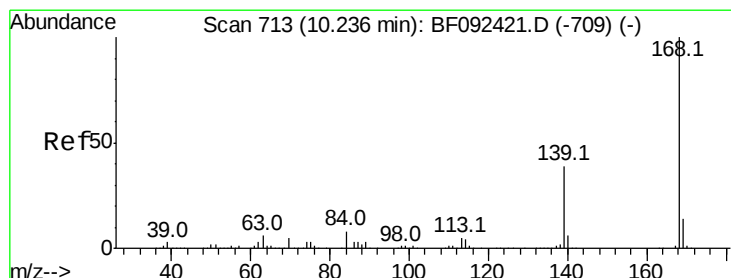
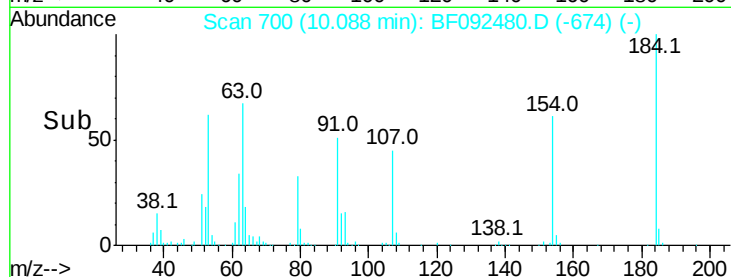
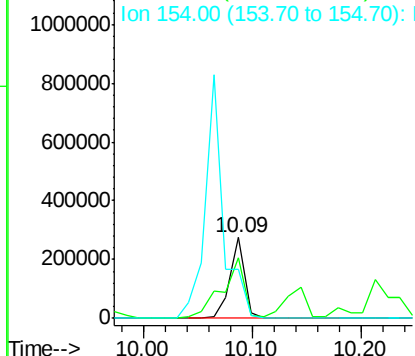
#53
 2,4-Dinitrophenol
 Concen: 77.06 ng
 RT: 10.09 min Scan# 700
 Delta R.T. 0.00 min
 Lab File: BF092480.D
 Acq: 25 Jan 2017 16:55

Instrument :
 BNA_F
 ClientSampleId :
 PB96304BS

Tot Ion:184 Resp: 254906
 Ion Ratio Lower Upper
 184 100
 63 75.5 28.4 42.6#
 154 61.1 44.3 66.5

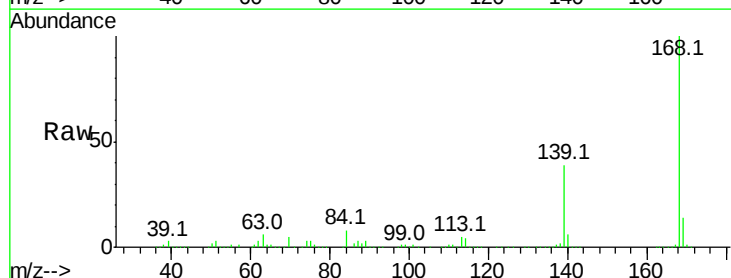


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

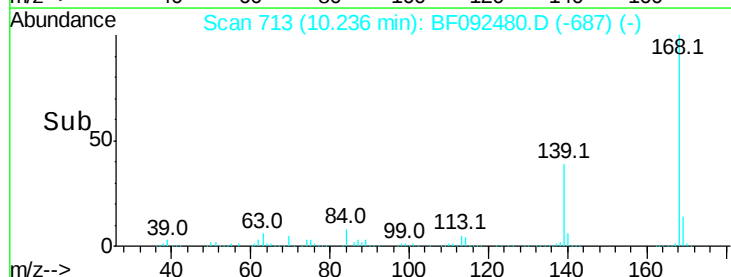
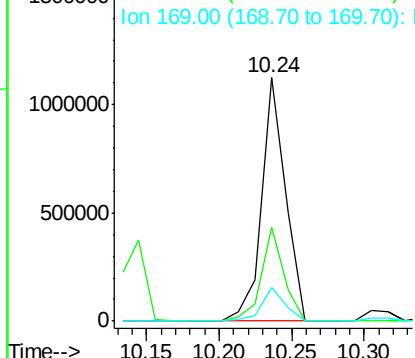


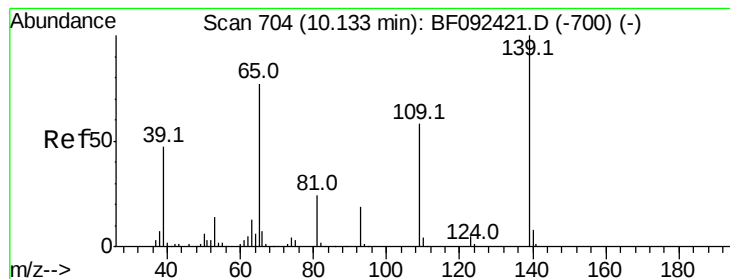
#54
 Dibenzofuran
 Concen: 44.70 ng
 RT: 10.24 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: BF092480.D
 Acq: 25 Jan 2017 16:55

Tgt Ion:168 Resp: 1280128
 Ion Ratio Lower Upper
 168 100
 139 38.7 32.6 49.0
 169 14.0 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: 91.42 ng

RT: 10.14 min Scan# 705

Delta R.T. 0.01 min

Lab File: BF092480.D

Acq: 25 Jan 2017 16:55

Instrument :

BNA_F

ClientSampleId :

PB96304BS

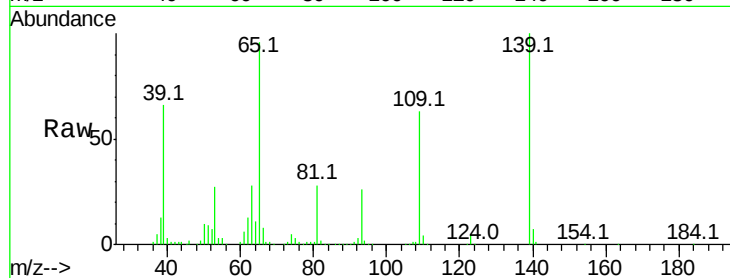
Tot Ion:139 Resp: 463172

Ion Ratio Lower Upper

139 100

109 63.3 52.2 92.2

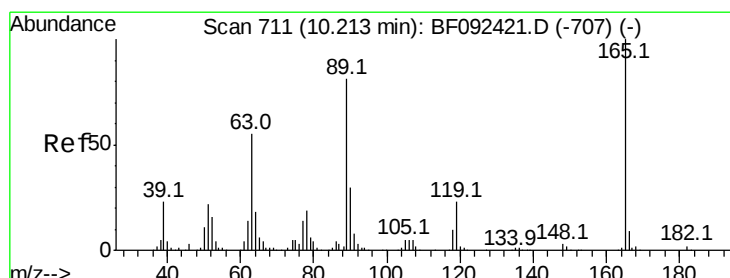
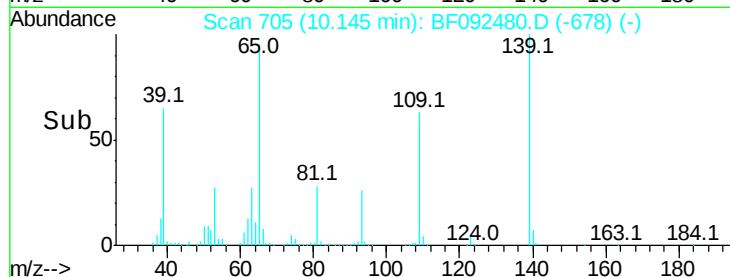
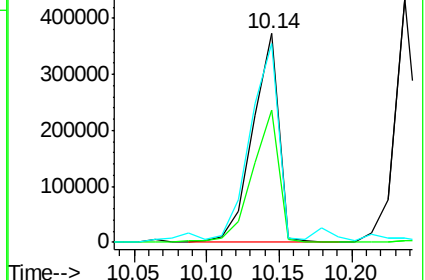
65 95.5 85.8 125.8



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: 51.95 ng

RT: 10.22 min Scan# 712

Delta R.T. 0.01 min

Lab File: BF092480.D

Acq: 25 Jan 2017 16:55

Tgt Ion:165 Resp: 351272

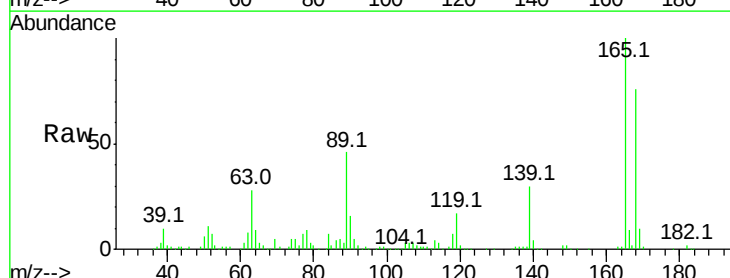
Ion Ratio Lower Upper

165 100

63 27.6 40.2 60.4#

89 45.7 62.5 93.7#

182 2.4 1.8 2.8

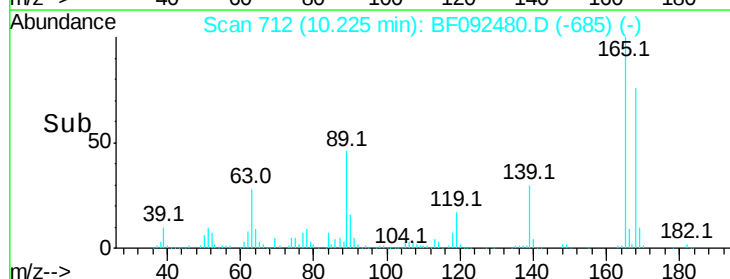
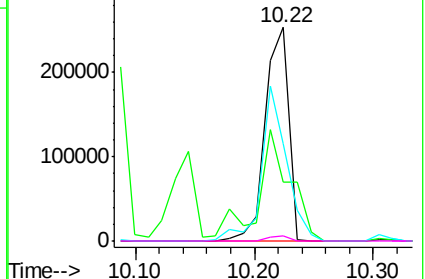


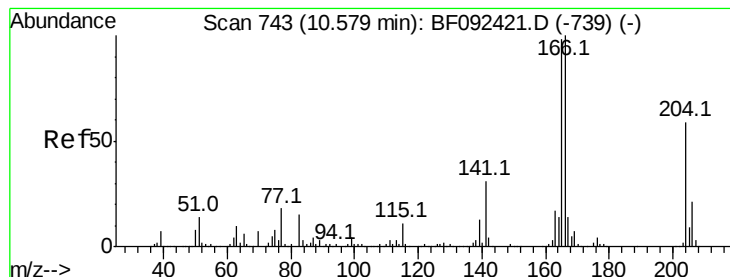
Abundance Ion 165.00 (164.70 to 165.70): E

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: 42.23 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF092480.D

Acq: 25 Jan 2017 16:55

Instrument :

BNA_F

ClientSampleId :

PB96304BS

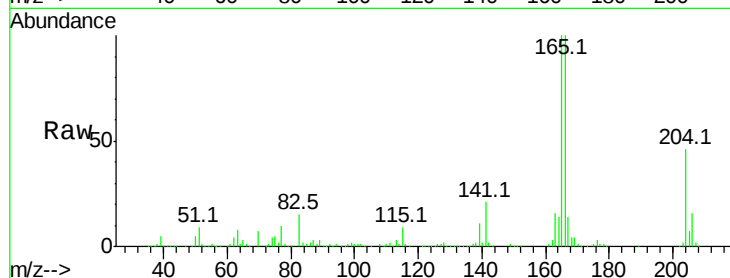
Tot Ion:166 Resp: 896744

Ion Ratio Lower Upper

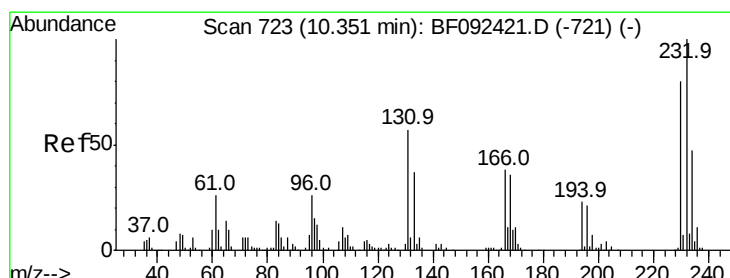
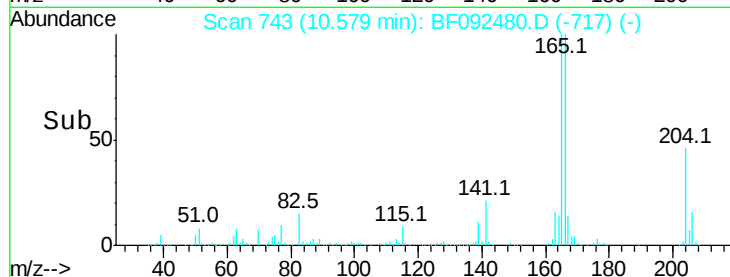
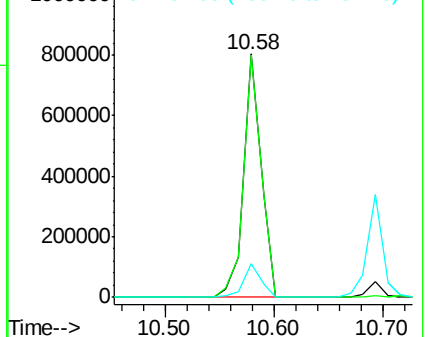
166 100

165 99.5 77.8 116.8

167 13.7 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: 49.90 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF092480.D

Acq: 25 Jan 2017 16:55

Tgt Ion:232 Resp: 259085

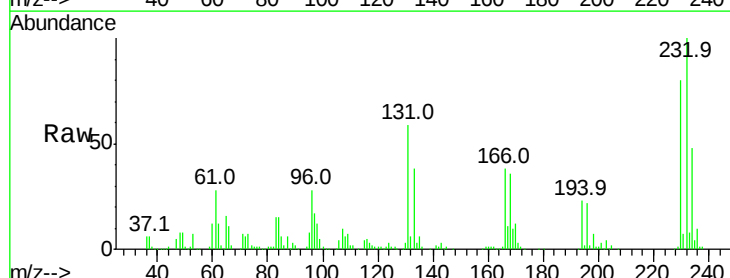
Ion Ratio Lower Upper

232 100

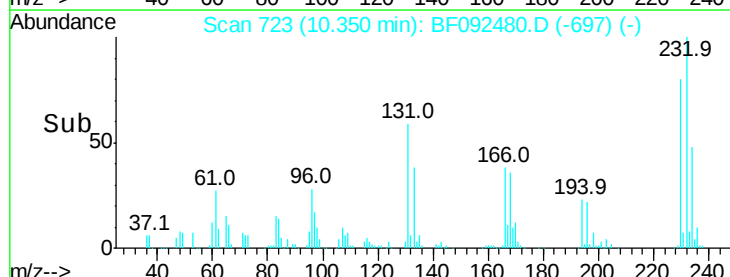
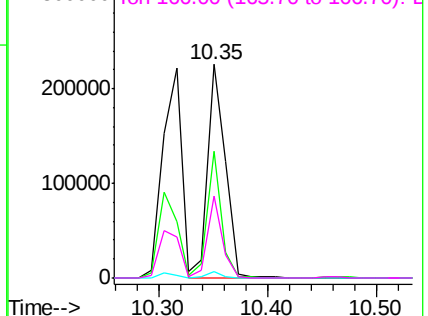
131 47.8 40.1 60.1

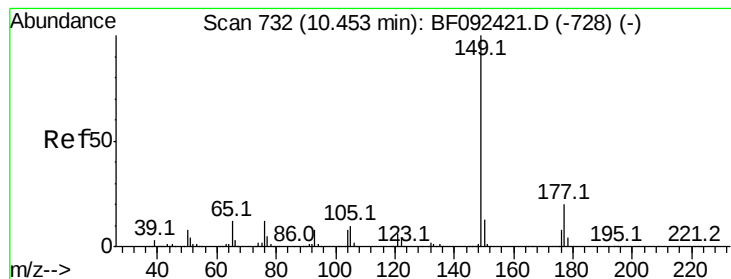
130 2.4 1.8 2.8

166 32.2 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: 46.66 ng

RT: 10.46 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF092480.D

Acq: 25 Jan 2017 16:55

Instrument :

BNA_F

ClientSampleId :

PB96304BS

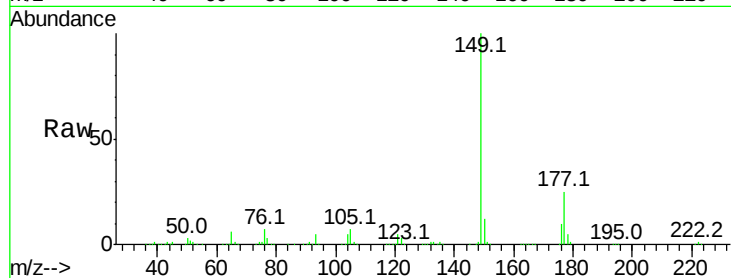
Tot Ion:149 Resp: 1115013

Ion Ratio Lower Upper

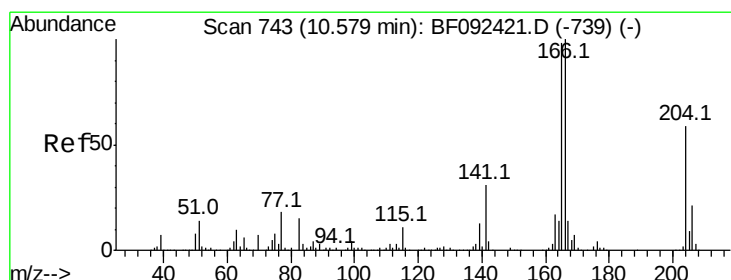
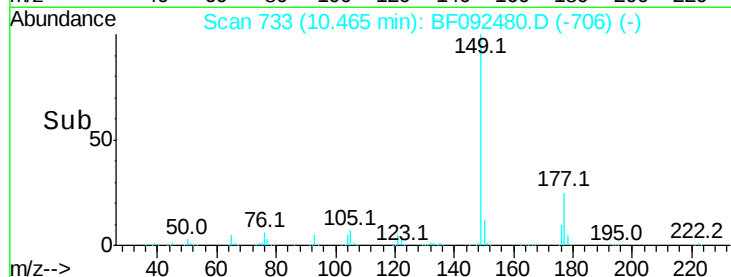
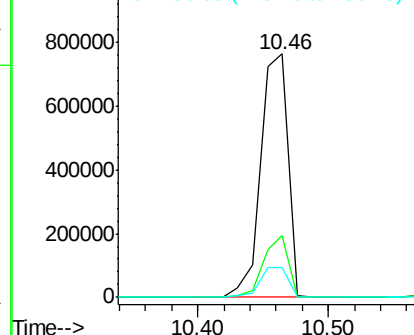
149 100

177 25.4 16.6 25.0#

150 12.2 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 44.48 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF092480.D

Acq: 25 Jan 2017 16:55

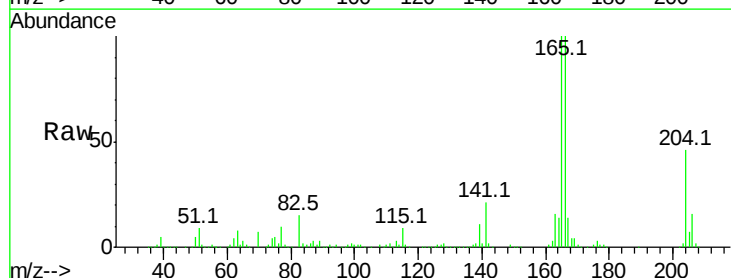
Tgt Ion:204 Resp: 458021

Ion Ratio Lower Upper

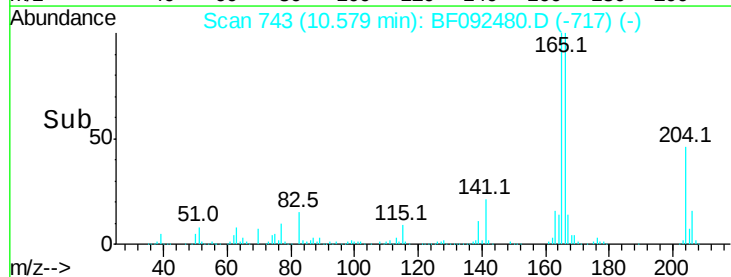
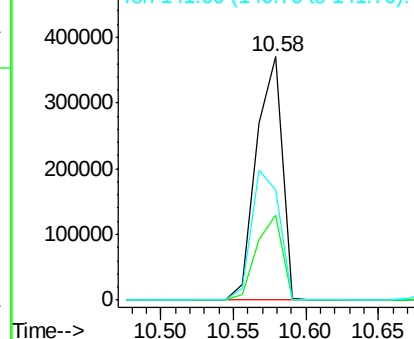
204 100

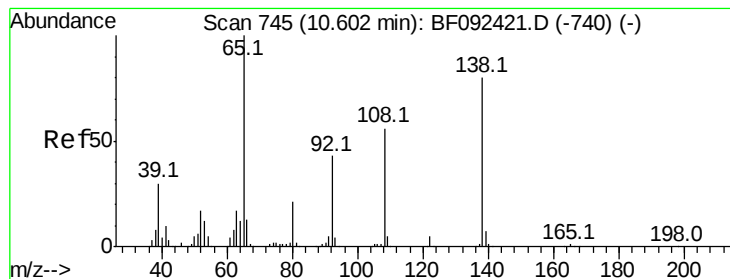
206 34.9 25.8 38.6

141 45.3 59.4 89.0#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 40.75 ng

RT: 10.60 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF092480.D

Acq: 25 Jan 2017 16:55

Instrument :

BNA_F

ClientSampleId :

PB96304BS

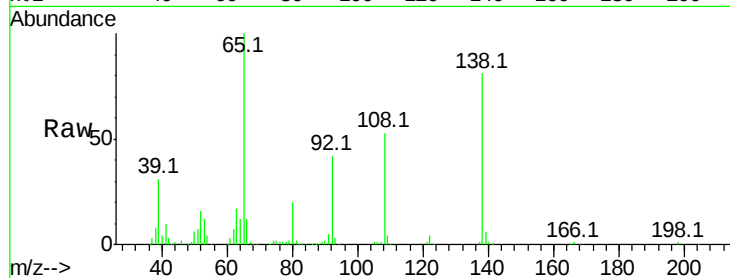
Tot Ion:138 Resp: 260023

Ion Ratio Lower Upper

138 100

92 52.4 31.7 71.7

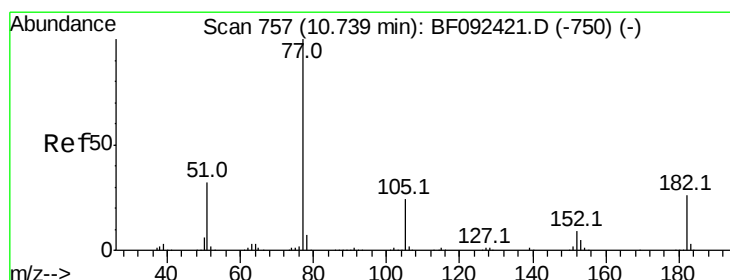
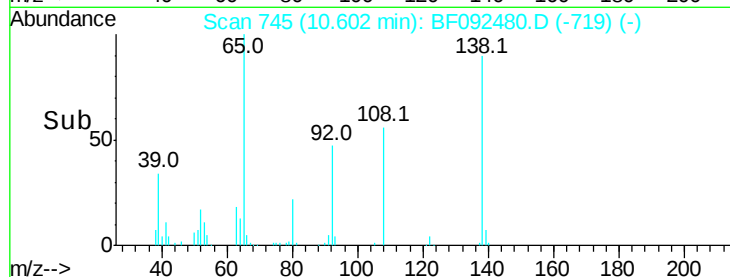
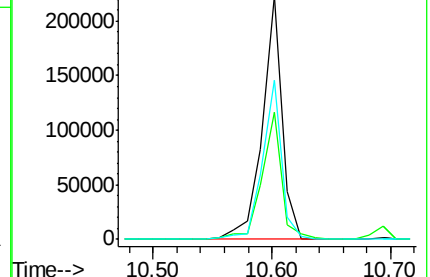
108 65.4 52.6 92.6



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: 48.02 ng

RT: 10.74 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF092480.D

Acq: 25 Jan 2017 16:55

Tgt Ion: 77 Resp: 1305967

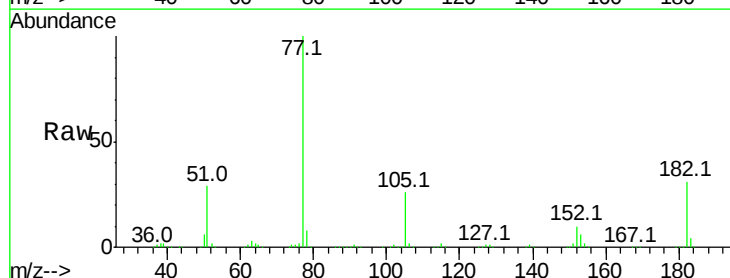
Ion Ratio Lower Upper

77 100

182 31.0 0.0 39.3

105 26.1 2.3 42.3

51 29.0 8.9 48.9

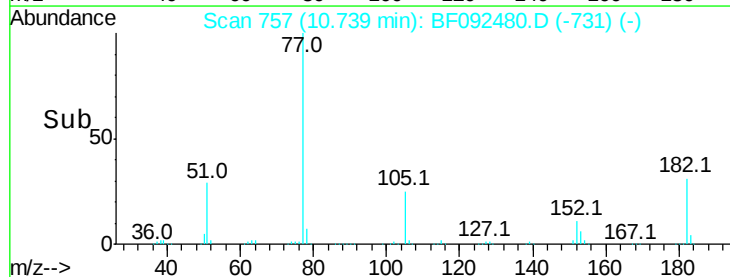
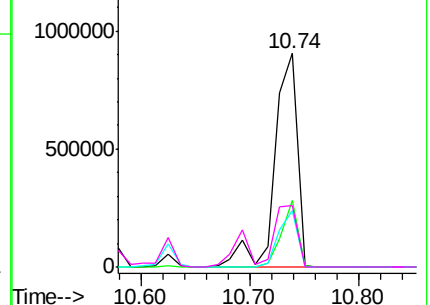


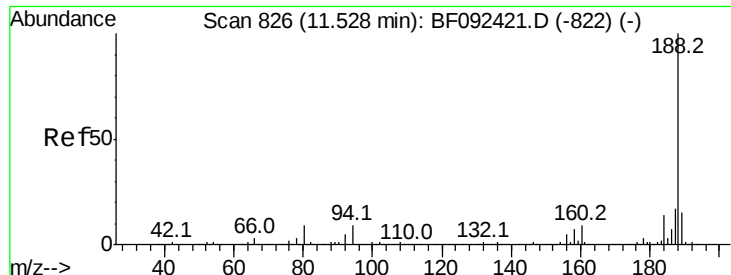
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

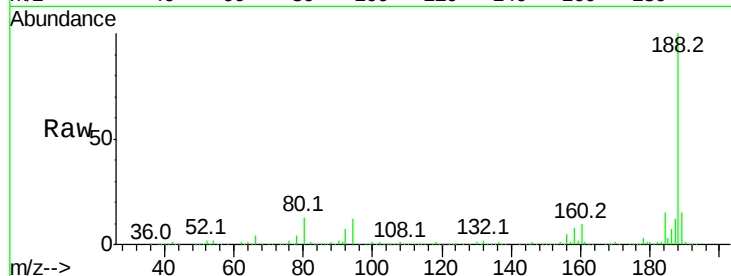




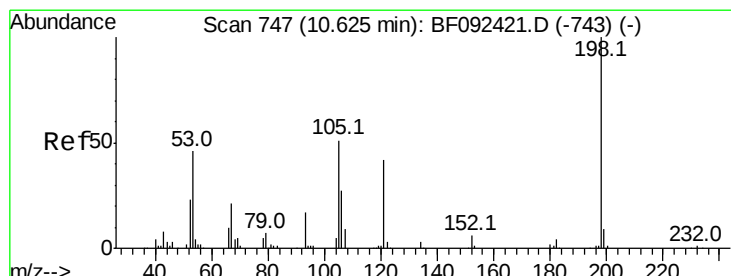
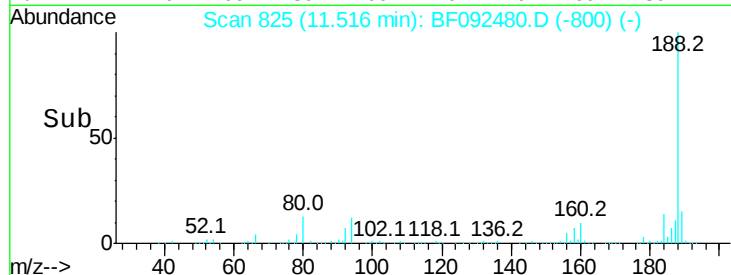
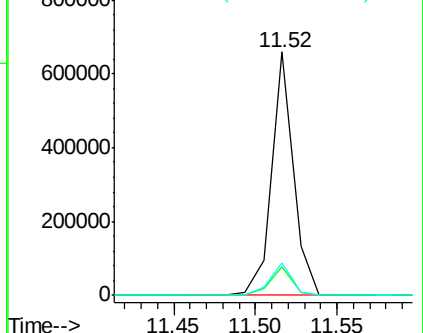
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092480.D
Acq: 25 Jan 2017 16:55

Instrument :
BNA_F
ClientSampleId :
PB96304BS

Tot Ion:188 Resp: 614830
Ion Ratio Lower Upper
188 100
94 11.9 10.0 15.0
80 13.1 11.2 16.8

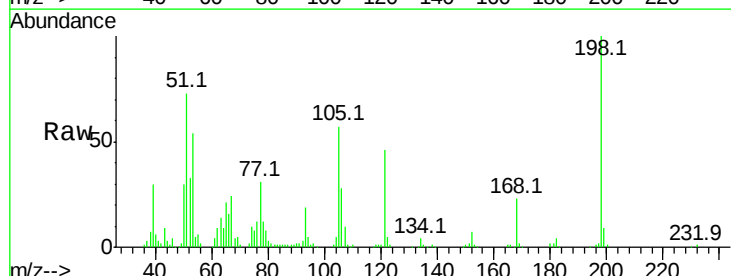


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

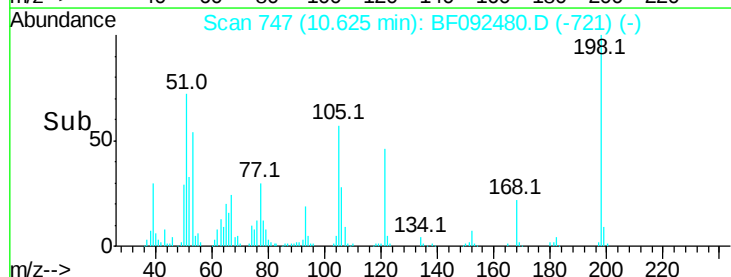
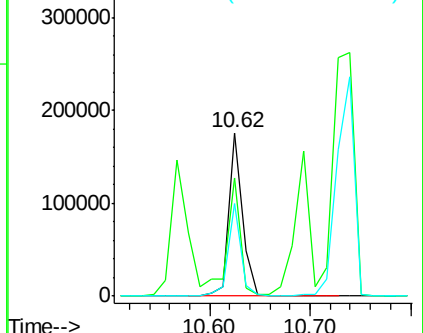


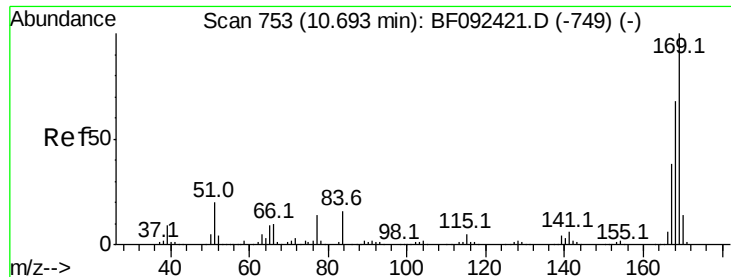
#64
4,6-Dinitro-2-methylphenol
Concen: 49.93 ng
RT: 10.62 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF092480.D
Acq: 25 Jan 2017 16:55

Tgt Ion:198 Resp: 166158
Ion Ratio Lower Upper
198 100
51 72.5 6.7 46.7#
105 56.7 16.6 56.6#



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

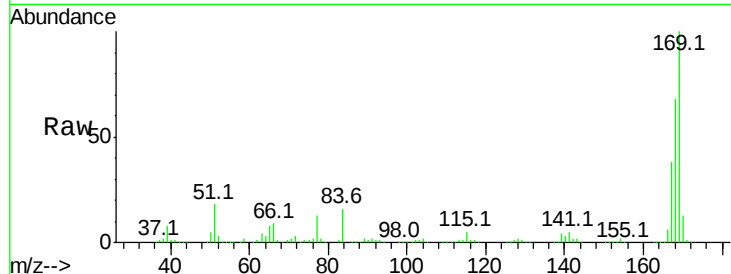




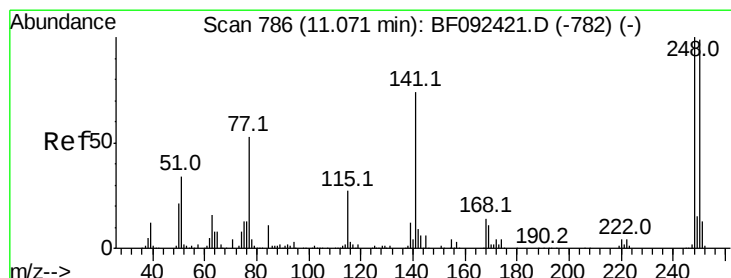
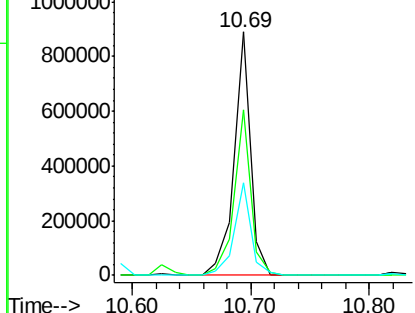
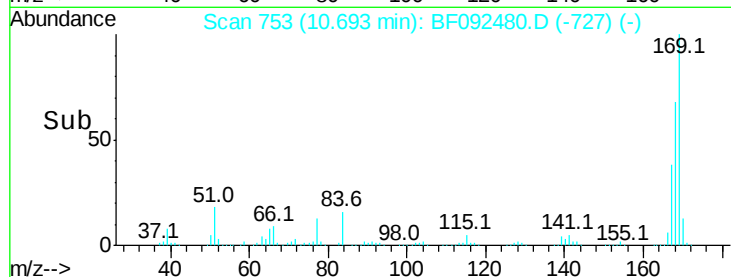
#65
 n-Nitrosodiphenylamine
 Concen: 44.88 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.00 min
 Lab File: BF092480.D
 Acq: 25 Jan 2017 16:55

Instrument :
 BNA_F
 ClientSampleId :
 PB96304BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.2	54.2	81.2
167	38.0	30.2	45.4

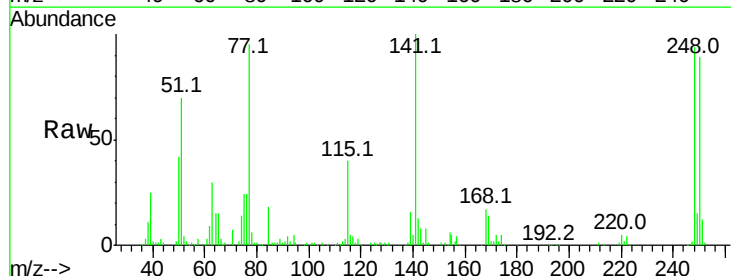


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

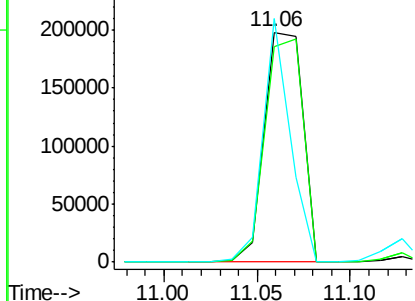
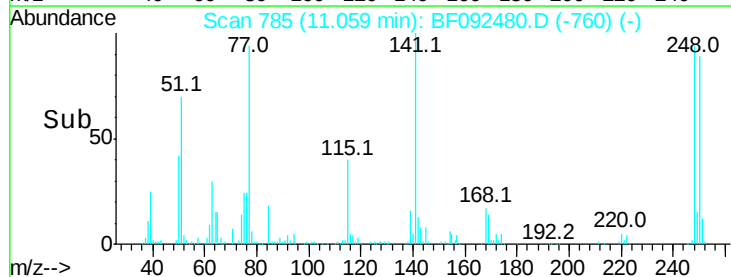


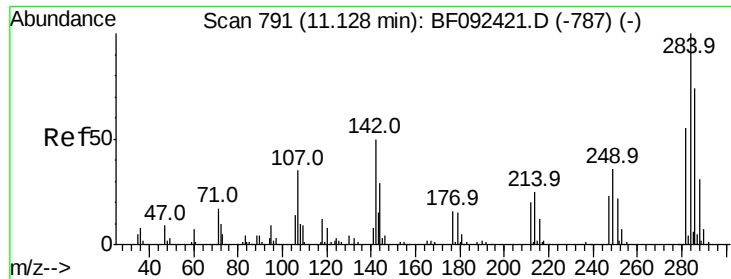
#66
 4-Bromophenyl-phenylether
 Concen: 45.60 ng
 RT: 11.06 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF092480.D
 Acq: 25 Jan 2017 16:55

Tgt Ion	Ratio	Lower	Upper
248	100		
250	93.8	76.9	115.3
141	105.8	68.2	102.4#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

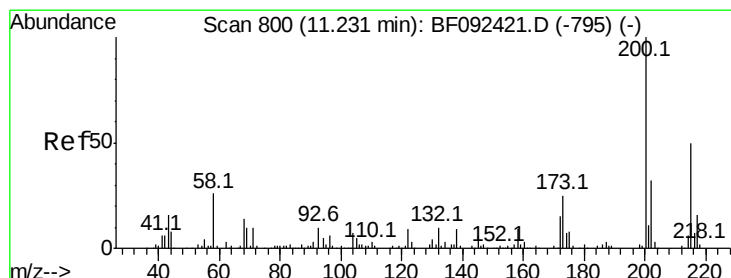
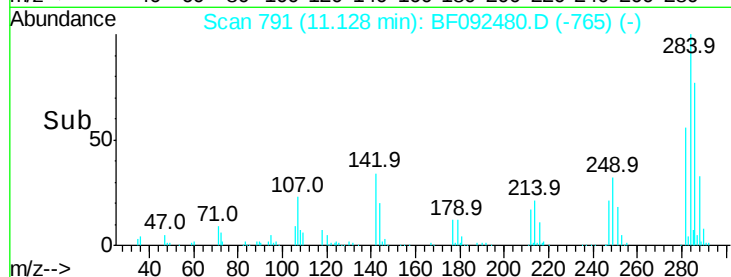
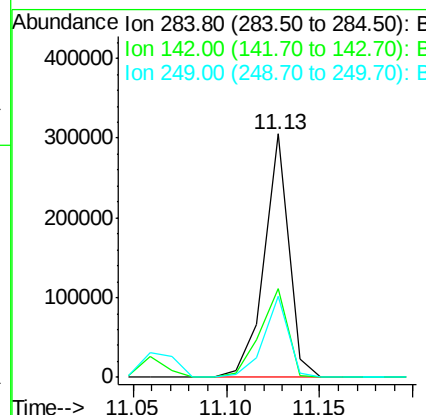
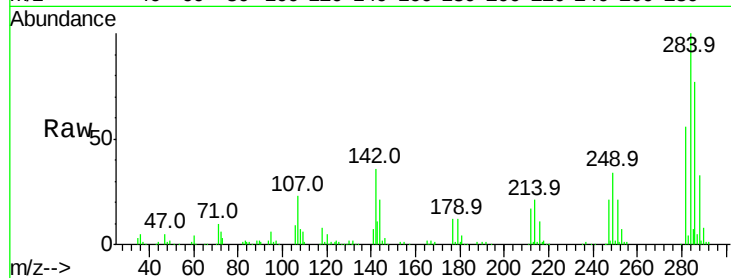




#67
Hexachlorobenzene
Concen: 43.92 ng
RT: 11.13 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF092480.D
Acq: 25 Jan 2017 16:55

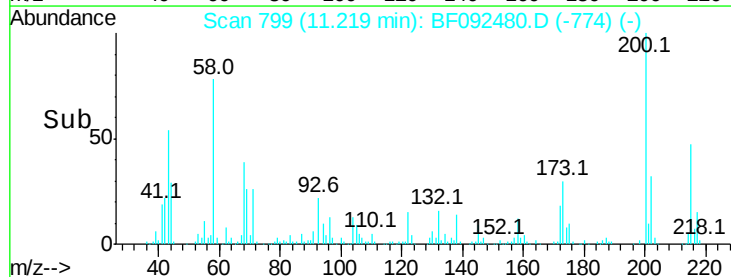
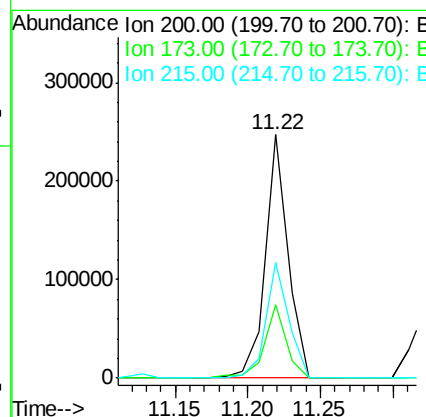
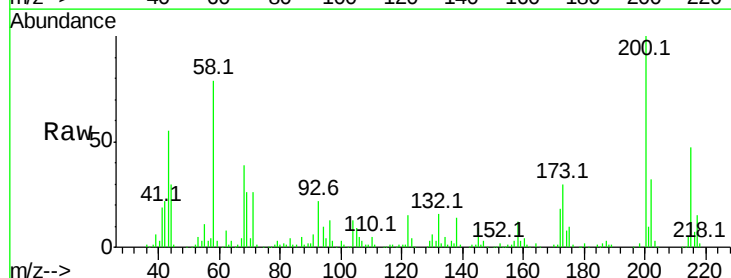
Instrument :
BNA_F
ClientSampleId :
PB96304BS

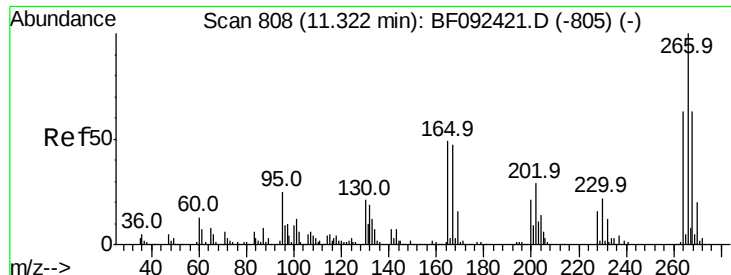
Tot Ion:284 Resp: 275579
Ion Ratio Lower Upper
284 100
142 36.4 22.6 33.8#
249 33.5 25.4 38.0



#68
Atrazine
Concen: 40.69 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF092480.D
Acq: 25 Jan 2017 16:55

Tgt Ion:200 Resp: 267436
Ion Ratio Lower Upper
200 100
173 30.2 9.6 49.6
215 47.3 25.7 65.7

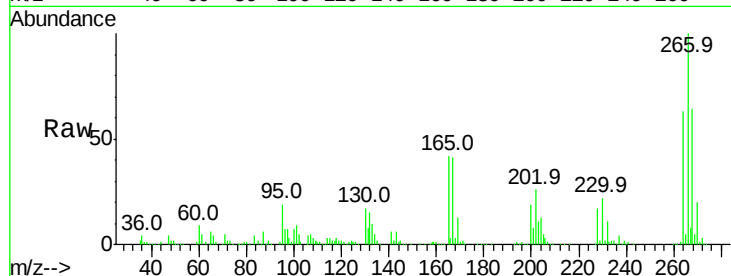




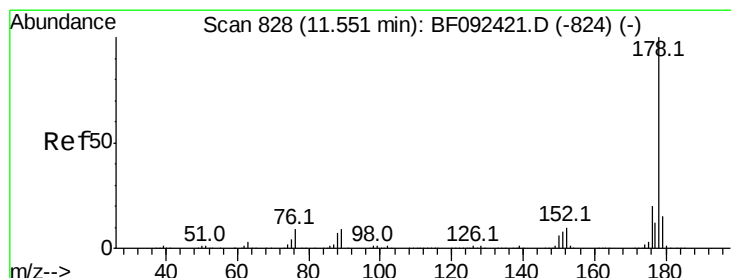
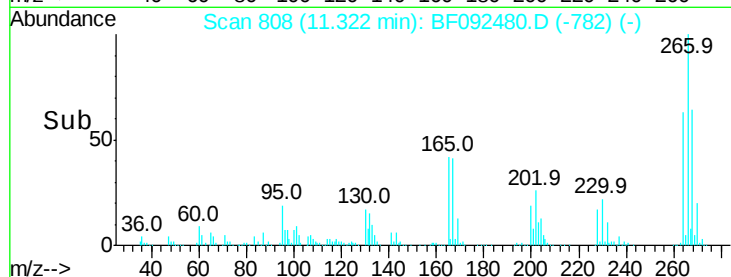
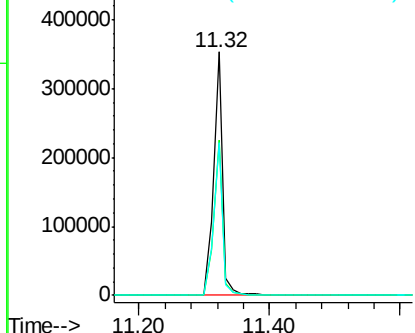
#69
 Pentachlorophenol
 Concen: 86.39 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF092480.D
 Acq: 25 Jan 2017 16:55

Instrument :
 BNA_F
 ClientSampleId :
 PB96304BS

Tot Ion:266 Resp: 346588
 Ion Ratio Lower Upper
 266 100
 268 63.9 53.3 79.9
 264 62.8 50.3 75.5

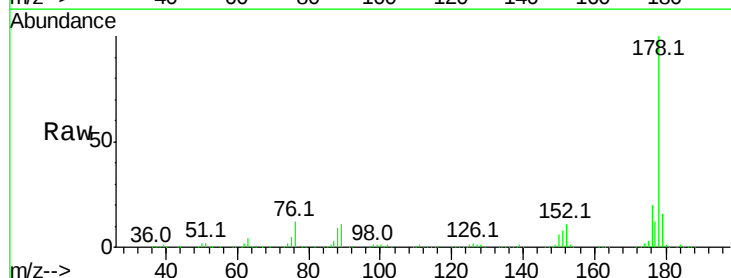


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

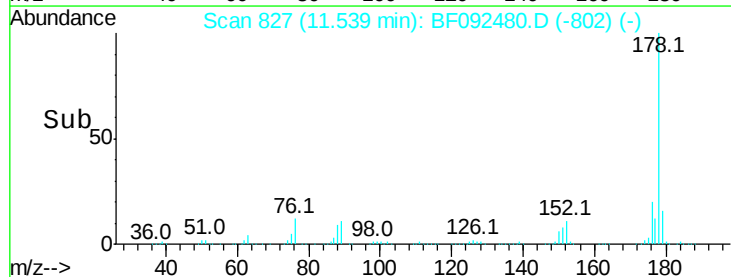
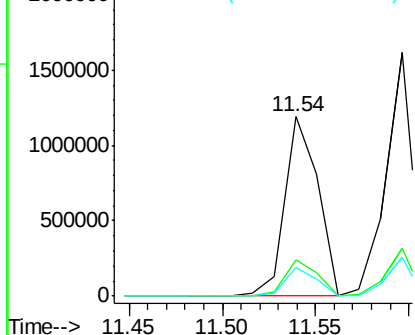


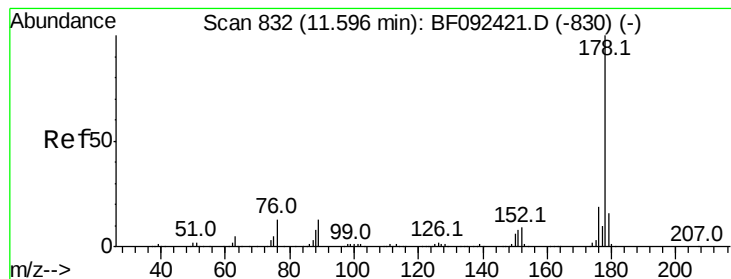
#70
 Phenanthrene
 Concen: 43.61 ng
 RT: 11.54 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF092480.D
 Acq: 25 Jan 2017 16:55

Tgt Ion:178 Resp: 1476486
 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: 46.65 ng

RT: 11.60 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF092480.D

Acq: 25 Jan 2017 16:55

Instrument :

BNA_F

ClientSampleId :

PB96304BS

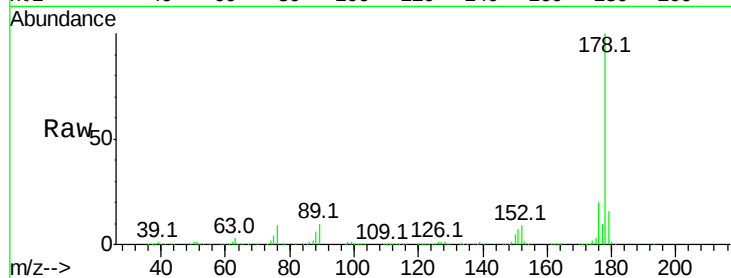
Tot Ion:178 Resp: 1543549

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

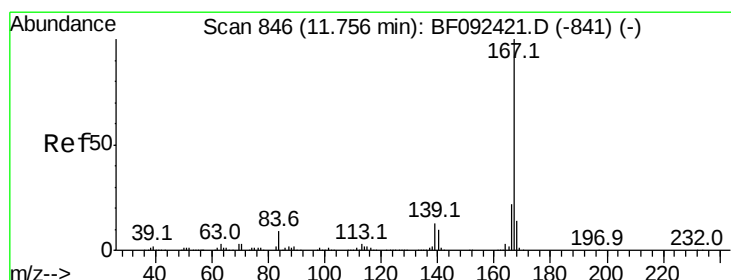
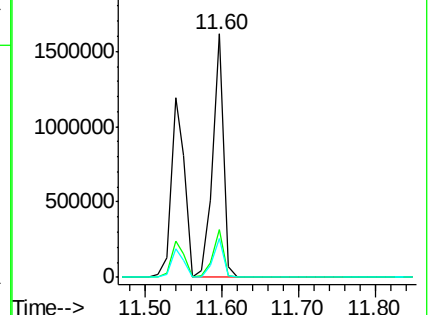
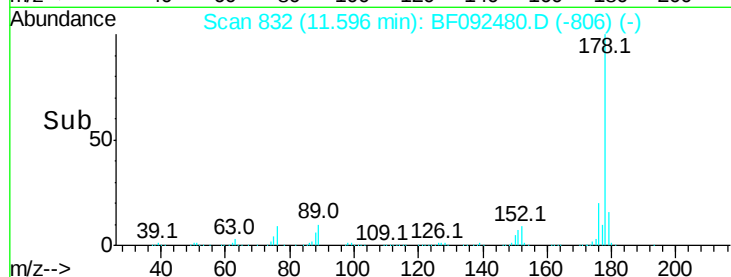
179 15.8 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.31 ng

RT: 11.74 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF092480.D

Acq: 25 Jan 2017 16:55

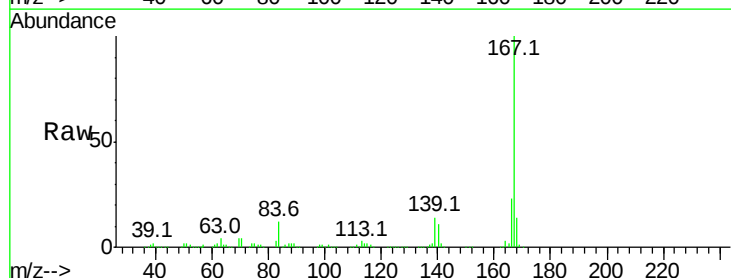
Tgt Ion:167 Resp: 1273435

Ion Ratio Lower Upper

167 100

166 22.6 18.2 27.2

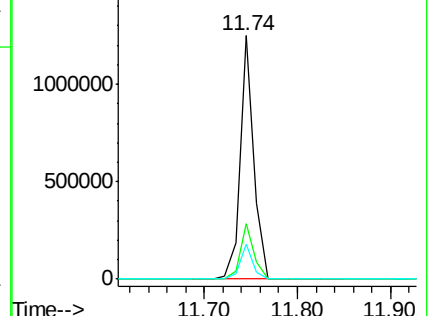
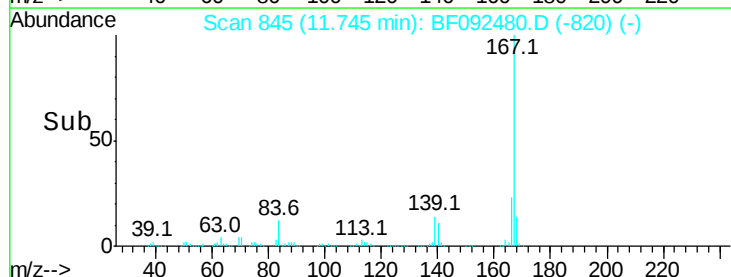
139 14.1 11.4 17.2

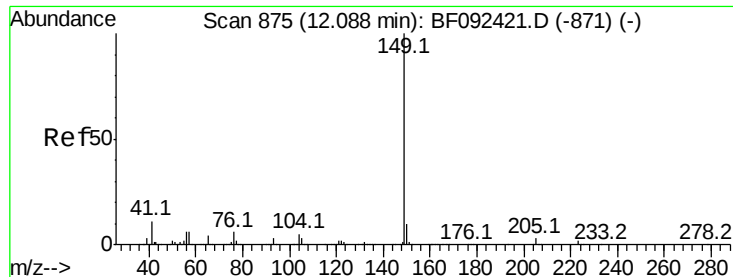


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 45.65 ng

RT: 12.08 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF092480.D

Acq: 25 Jan 2017 16:55

Instrument :

BNA_F

ClientSampleId :

PB96304BS

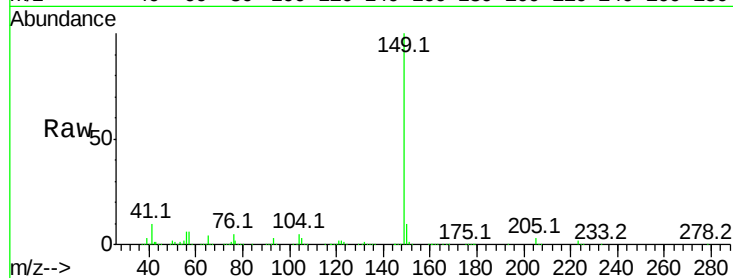
Tot Ion:149 Resp: 1649191

Ion Ratio Lower Upper

149 100

150 9.7 8.1 12.1

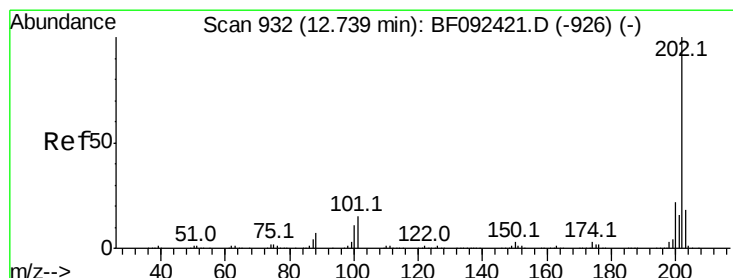
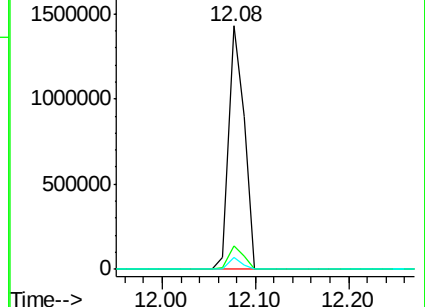
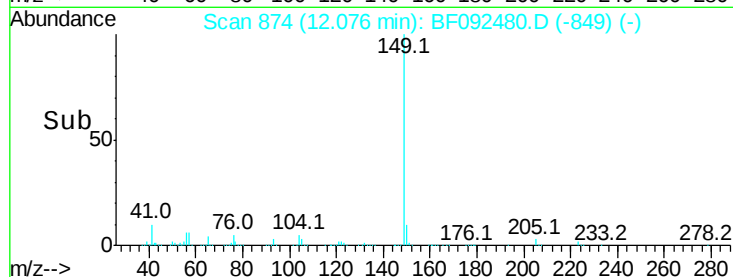
104 5.1 4.6 7.0



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: 42.47 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF092480.D

Acq: 25 Jan 2017 16:55

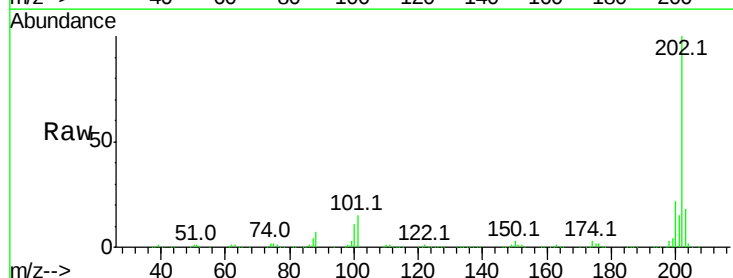
Tgt Ion:202 Resp: 1406521

Ion Ratio Lower Upper

202 100

101 14.9 0.0 34.6

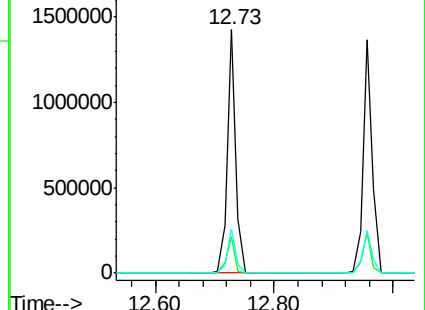
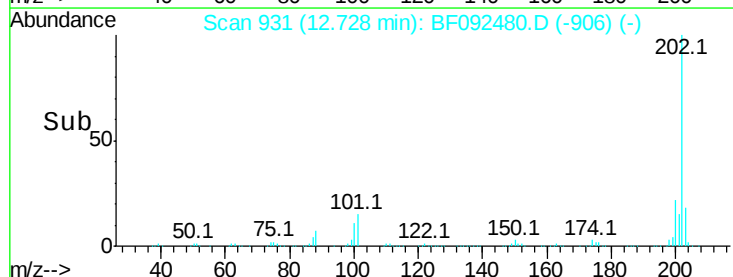
203 18.2 0.0 38.7

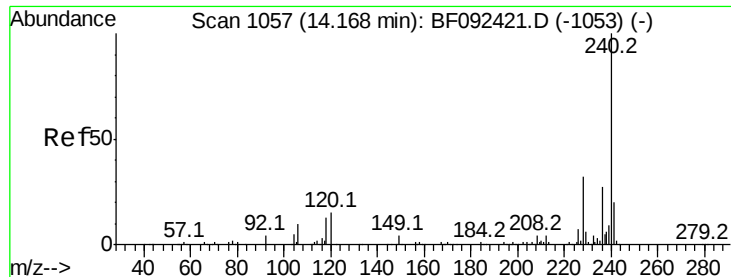


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF092480.D

Acq: 25 Jan 2017 16:55

Instrument :

BNA_F

ClientSampleId :

PB96304BS

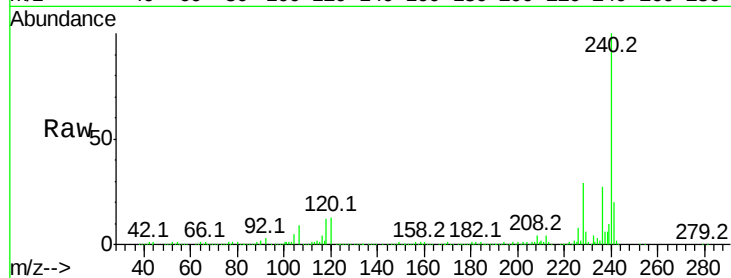
Tot Ion:240 Resp: 527735

Ion Ratio Lower Upper

240 100

120 13.5 12.9 19.3

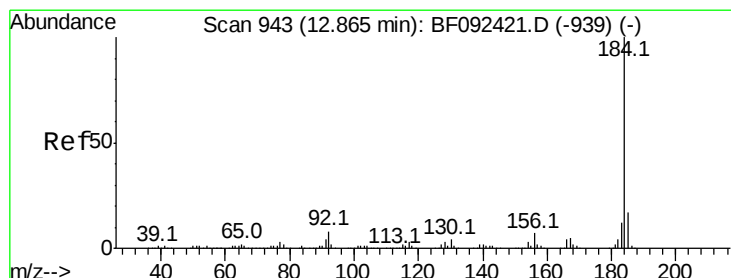
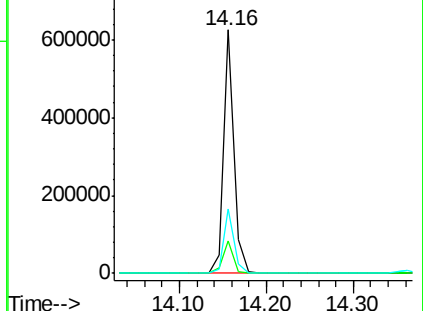
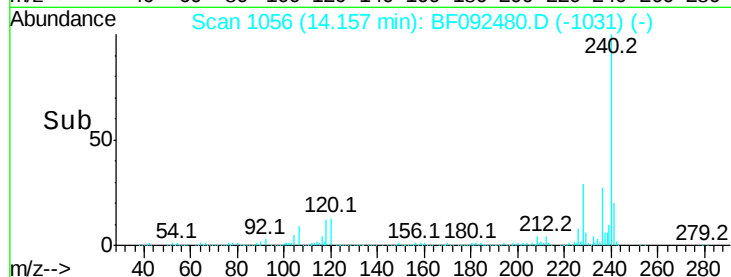
236 26.7 20.9 31.3



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: 25.96 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF092480.D

Acq: 25 Jan 2017 16:55

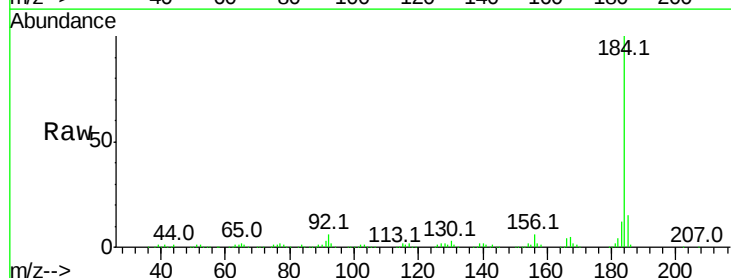
Tgt Ion:184 Resp: 508555

Ion Ratio Lower Upper

184 100

185 15.0 13.4 20.0

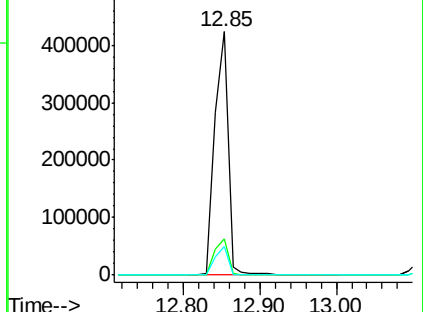
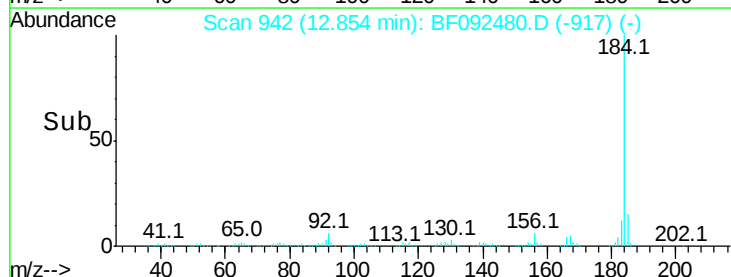
183 11.9 9.2 13.8

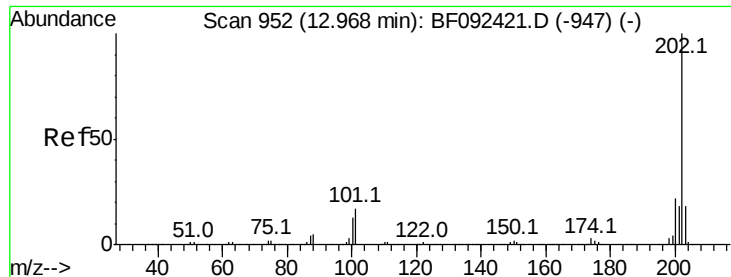


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

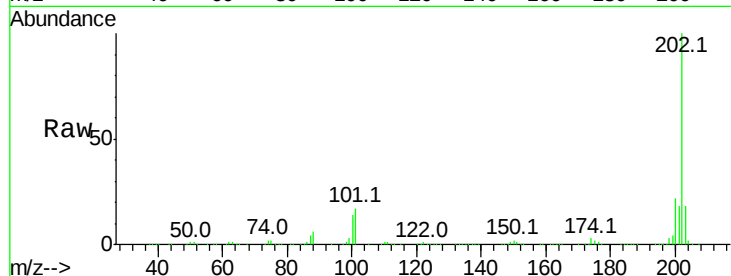




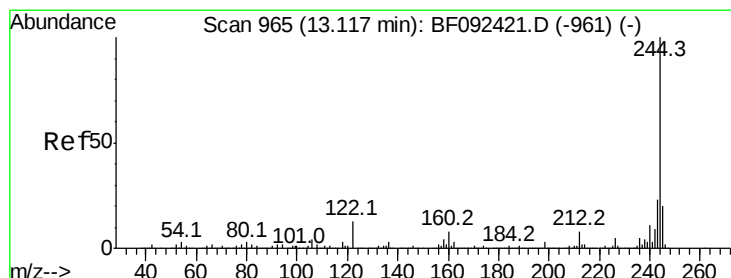
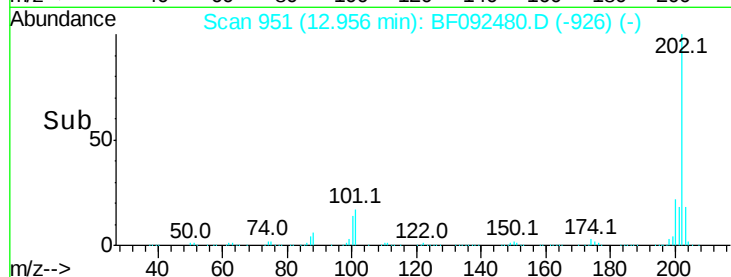
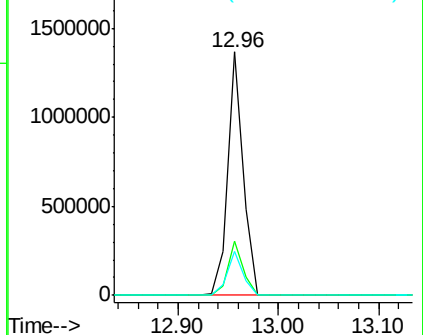
#77
Pvrene
Concen: 38.09 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF092480.D
Acq: 25 Jan 2017 16:55

Instrument :
BNA_F
ClientSampleId :
PB96304BS

Tot Ion:202 Resp: 1456390
Ion Ratio Lower Upper
202 100
200 22.2 17.7 26.5
203 18.3 14.7 22.1

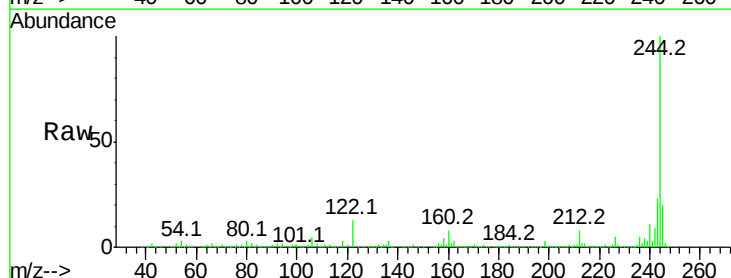


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

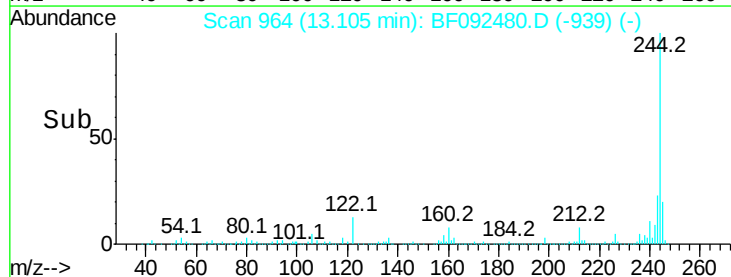
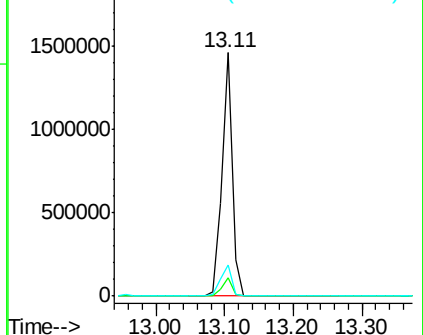


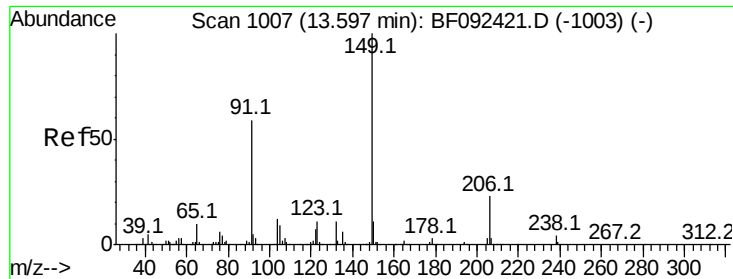
#78
Terphenyl-d14
Concen: 78.83 ng
RT: 13.11 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF092480.D
Acq: 25 Jan 2017 16:55

Tgt Ion:244 Resp: 1562196
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.2
122 13.0 11.4 17.2



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

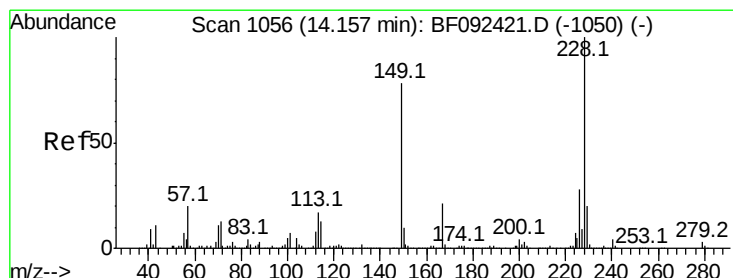
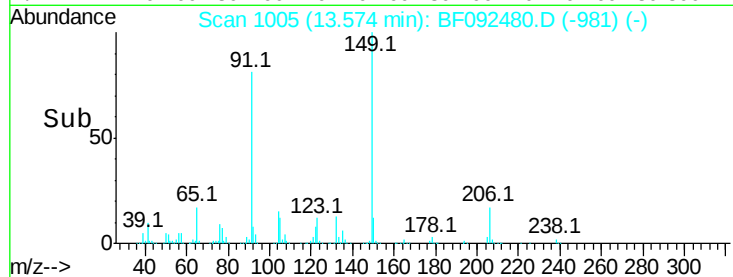
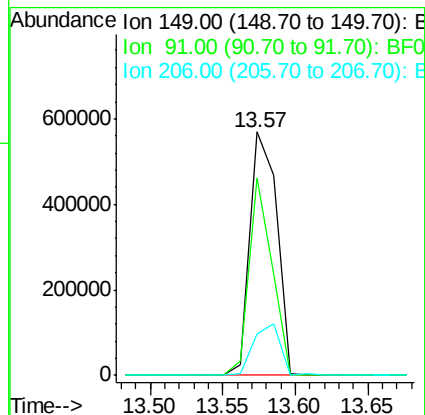
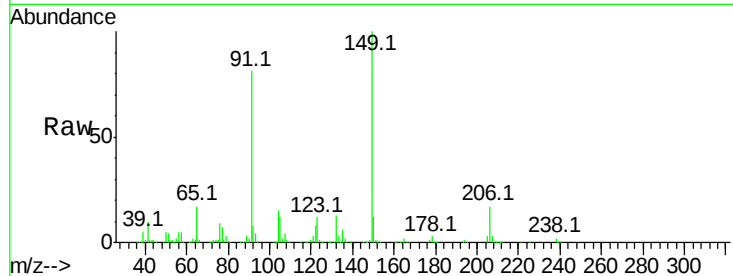




#79
Butylbenzylphthalate
Concen: 47.39 ng
RT: 13.57 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BF092480.D
Acq: 25 Jan 2017 16:55

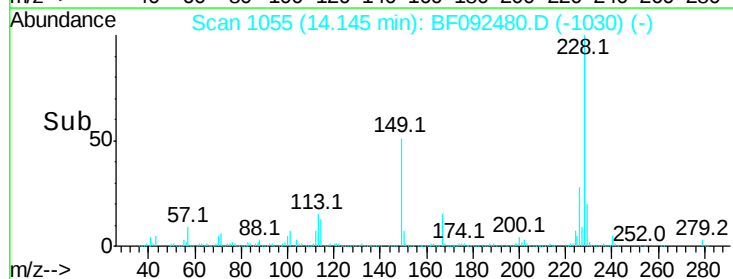
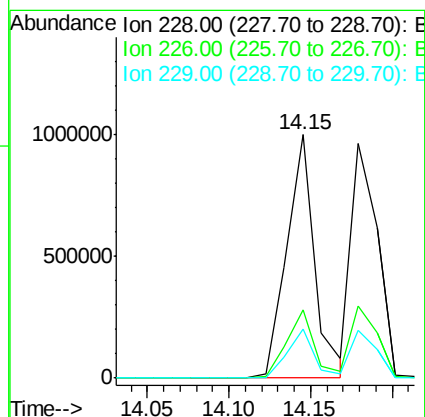
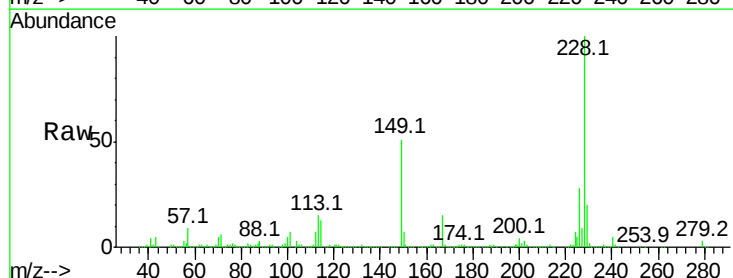
Instrument :
BNA_F
ClientSampleId :
PB96304BS

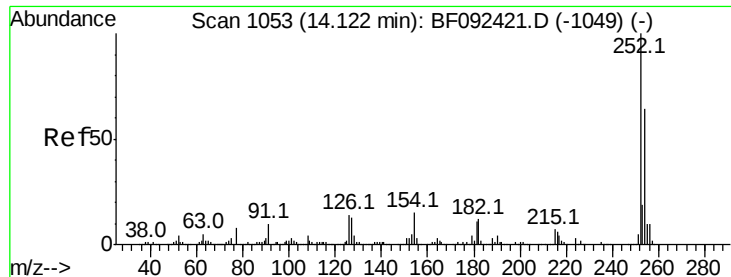
Tot Ion	Ratio	Lower	Upper
149	100		
91	81.2	63.9	95.9
206	16.9	14.6	21.8



#80
Benzo(a)anthracene
Concen: 41.98 ng
RT: 14.15 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF092480.D
Acq: 25 Jan 2017 16:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.4	33.6
229	20.0	16.2	24.4

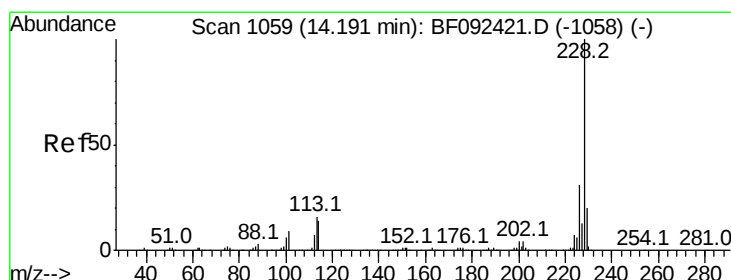
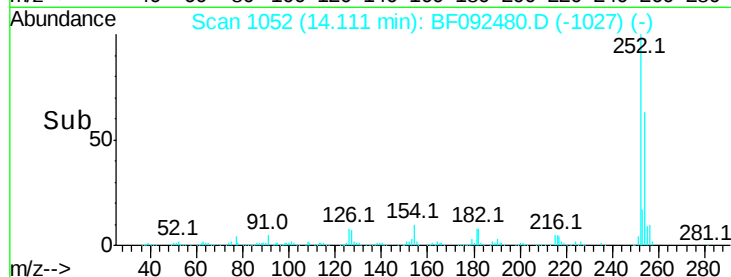
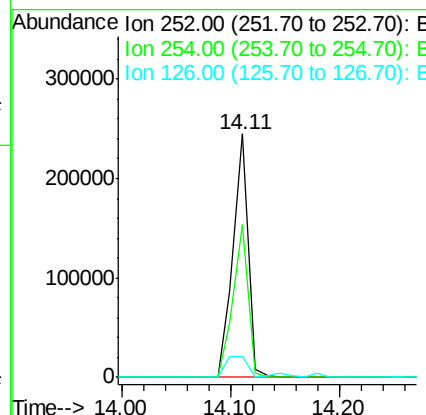
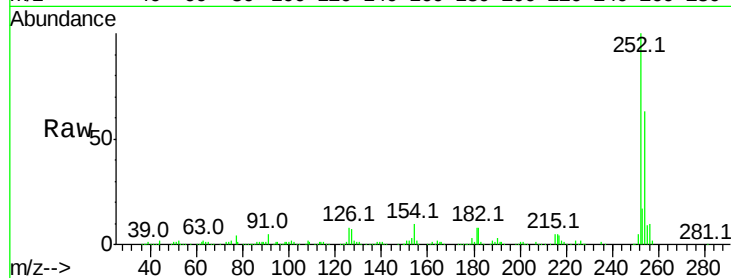




#81
 3,3'-Dichlorobenzidine
 Concen: 21.87 ng
 RT: 14.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BF092480.D
 Acq: 25 Jan 2017 16:55

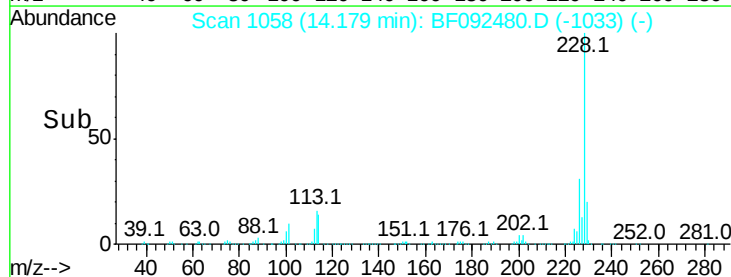
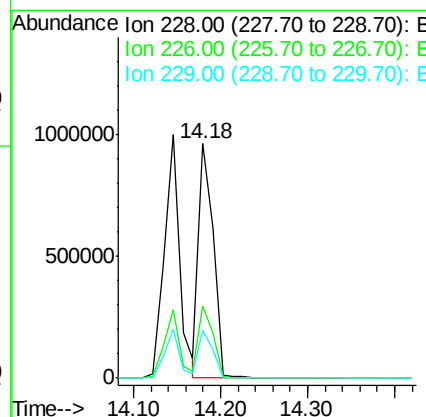
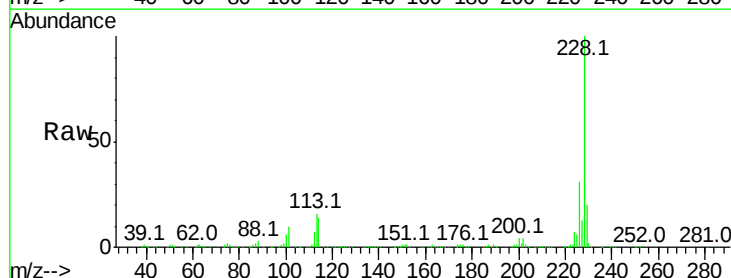
Instrument :
 BNA_F
 ClientSampleId :
 PB96304BS

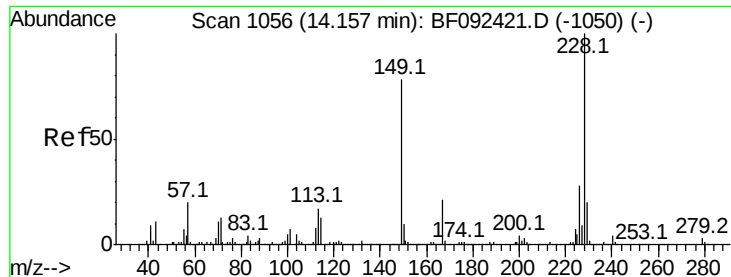
Tot Ion:252 Resp: 235476
 Ion Ratio Lower Upper
 252 100
 254 62.9 52.3 78.5
 126 8.4 13.6 20.4#



#82
 Chrysene
 Concen: 36.47 ng
 RT: 14.18 min Scan# 1058
 Delta R.T. -0.01 min
 Lab File: BF092480.D
 Acq: 25 Jan 2017 16:55

Tgt Ion:228 Resp: 1104692
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.4 38.0
 229 20.3 16.2 24.2

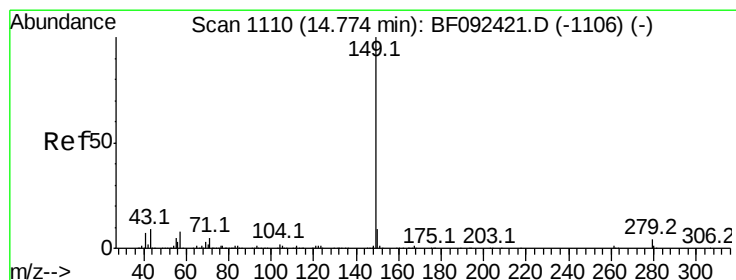
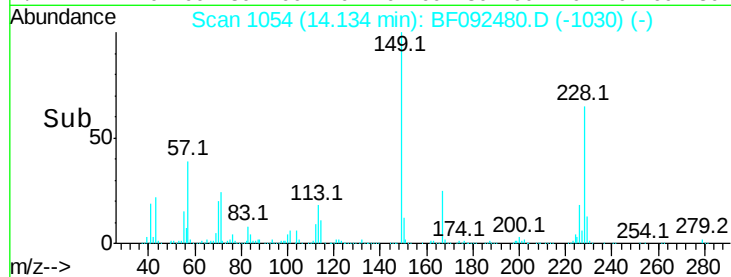
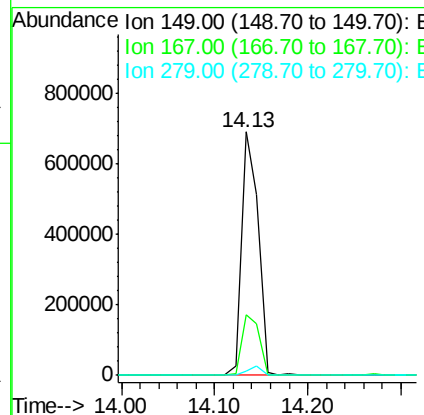
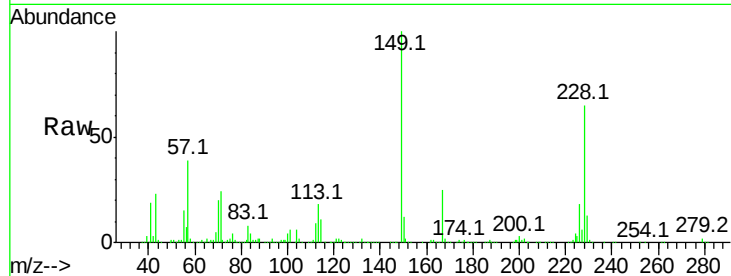




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.87 ng
 RT: 14.13 min Scan# 1054
 Delta R.T. -0.02 min
 Lab File: BF092480.D
 Acq: 25 Jan 2017 16:55

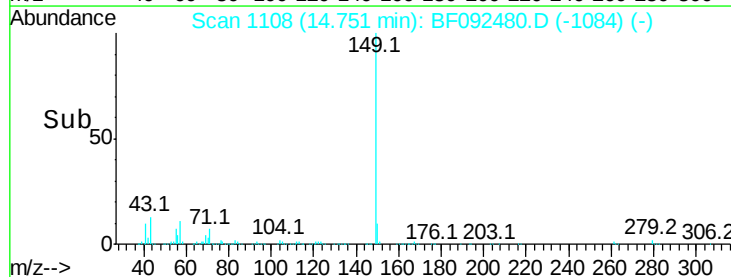
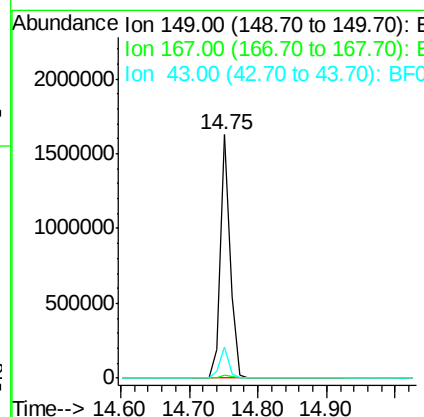
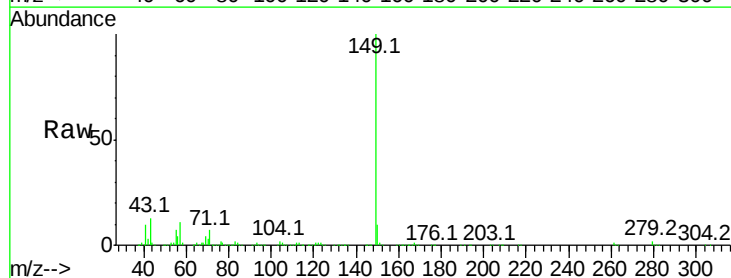
Instrument :
 BNA_F
 ClientSampleId :
 PB96304BS

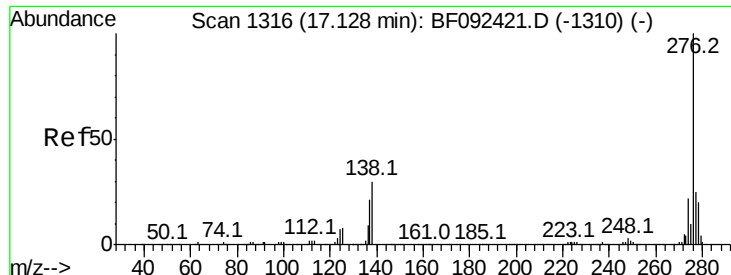
Tot Ion:149 Resp: 855773
 Ion Ratio Lower Upper
 149 100
 167 25.1 20.2 30.4
 279 1.9 1.8 2.8



#84
 Di-n-octyl phthalate
 Concen: 46.51 ng
 RT: 14.75 min Scan# 1108
 Delta R.T. -0.02 min
 Lab File: BF092480.D
 Acq: 25 Jan 2017 16:55

Tgt Ion:149 Resp: 1647201
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 12.0 8.9 13.3

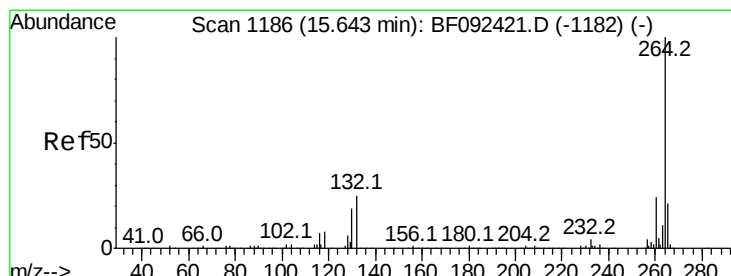
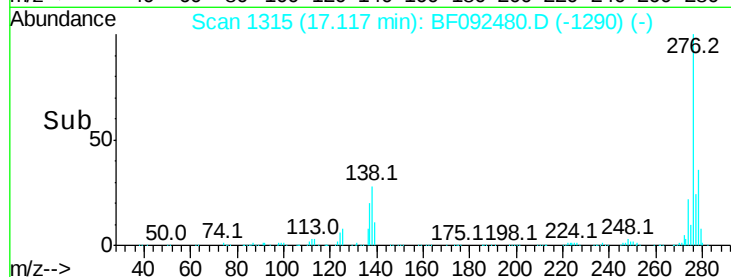
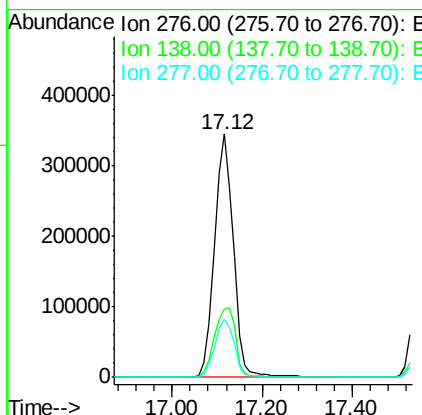
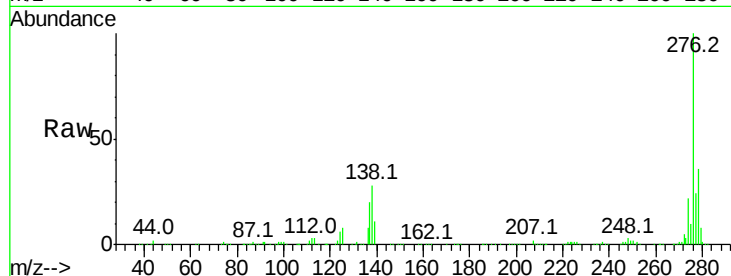




#85
Indeno(1,2,3-cd)pyrene
Concen: 44.91 ng
RT: 17.12 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF092480.D
Acq: 25 Jan 2017 16:55

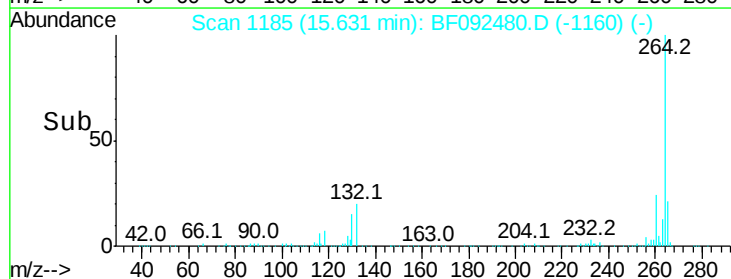
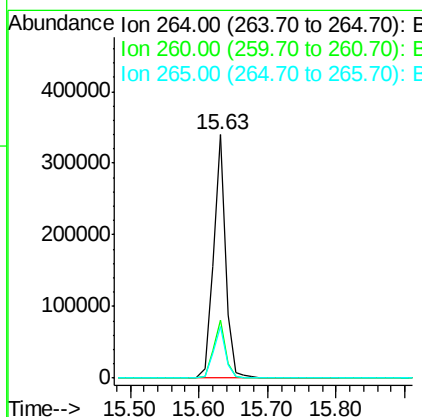
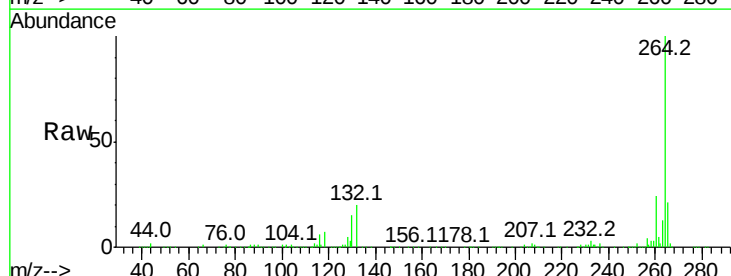
Instrument :
BNA_F
ClientSampleId :
PB96304BS

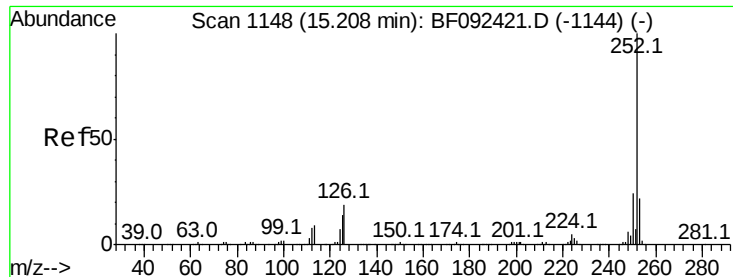
Tot Ion:276 Resp: 1006384
Ion Ratio Lower Upper
276 100
138 32.8 21.8 32.6#
277 24.9 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.63 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF092480.D
Acq: 25 Jan 2017 16:55

Tgt Ion:264 Resp: 422903
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 21.4 17.4 26.0

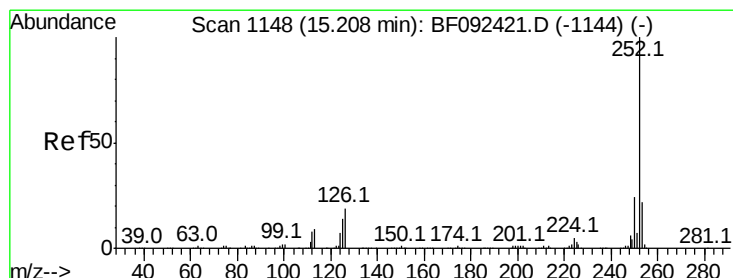
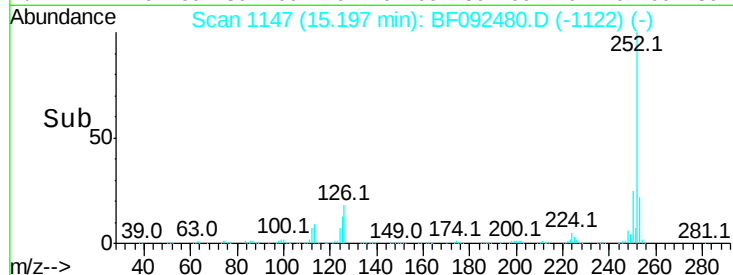
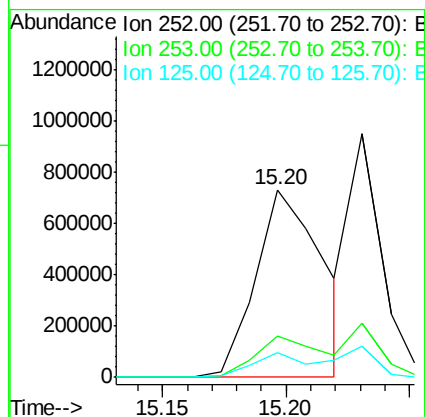
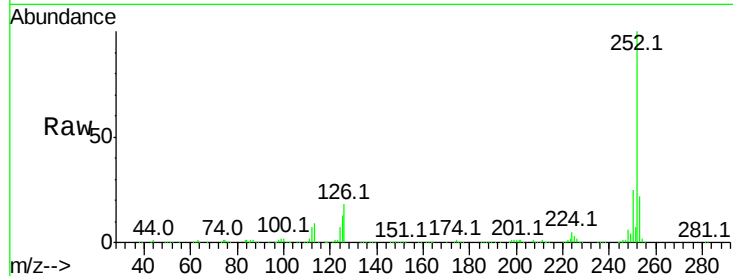




#87
Benzo(b)fluoranthene
Concen: 50.94 ng m
RT: 15.20 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF092480.D
Acq: 25 Jan 2017 16:55

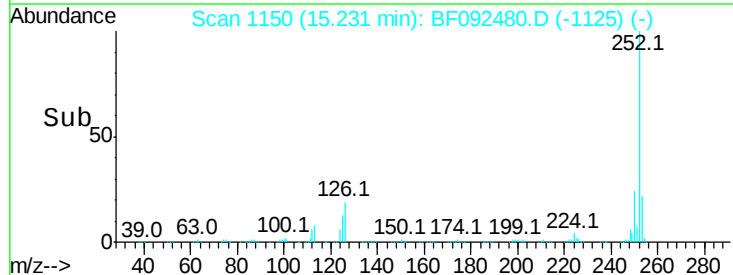
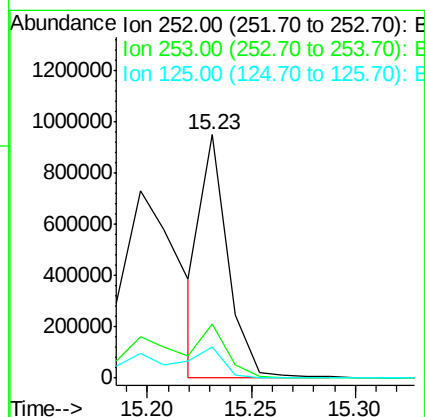
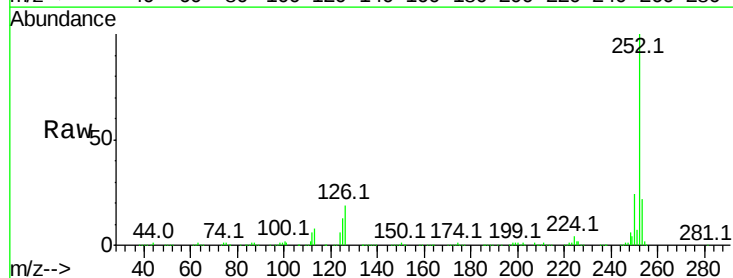
Instrument :
BNA_F
ClientSampleId :
PB96304BS

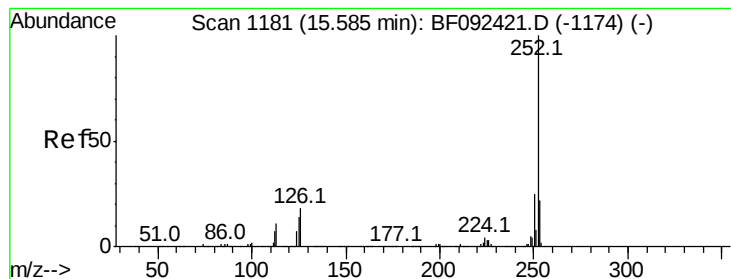
Tot Ion:252 Resp: 1382984
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.4
125 13.0 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 37.70 ng m
RT: 15.23 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF092480.D
Acq: 25 Jan 2017 16:55

Tgt Ion:252 Resp: 851138
Ion Ratio Lower Upper
252 100
253 22.3 18.5 27.7
125 12.6 8.9 13.3





#89

Benzo(a)pyrene

Concen: 45.94 ng

RT: 15.57 min Scan# 1180

Delta R.T. -0.01 min

Lab File: BF092480.D

Acq: 25 Jan 2017 16:55

Instrument :

BNA_F

ClientSampleId :

PB96304BS

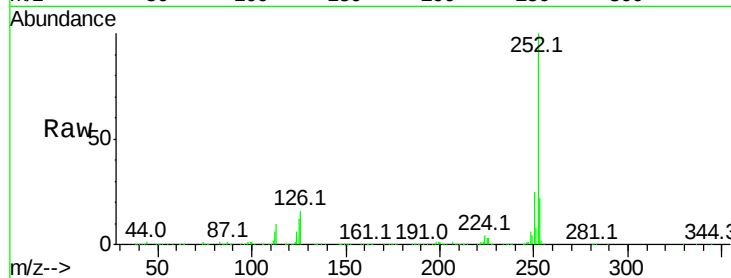
Tot Ion:252 Resp: 1055058

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.2

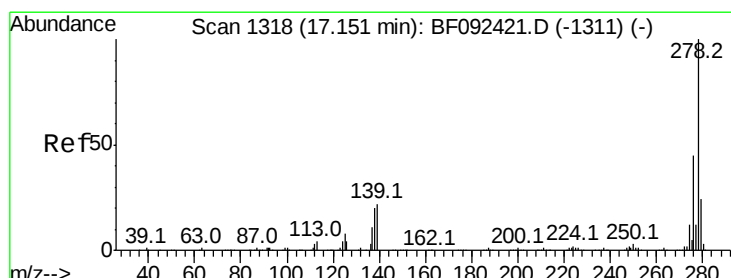
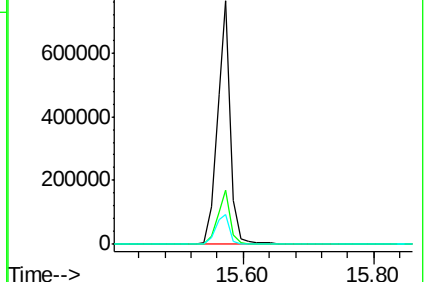
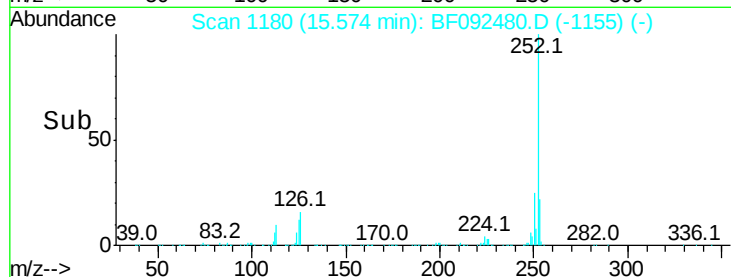
125 12.3 10.0 15.0



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: 45.60 ng

RT: 17.14 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF092480.D

Acq: 25 Jan 2017 16:55

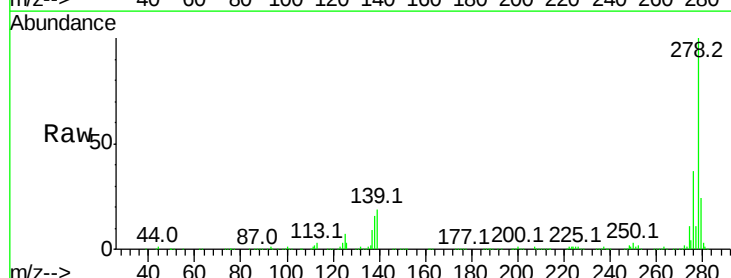
Tgt Ion:278 Resp: 846936

Ion Ratio Lower Upper

278 100

139 18.9 14.8 22.2

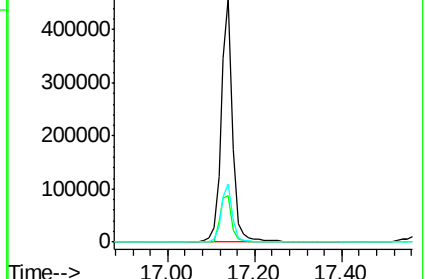
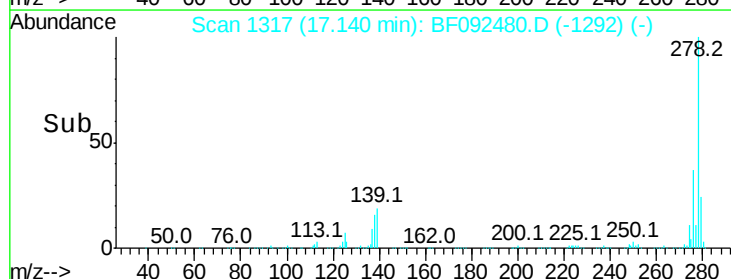
279 23.9 19.8 29.6

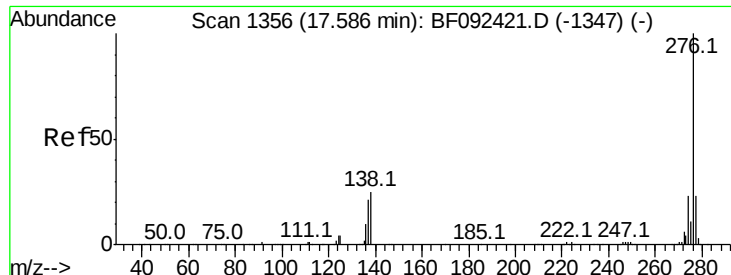


Abundance Ion 278.00 (277.70 to 278.70): E

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: 44.51 ng

RT: 17.56 min Scan# 1354

Delta R.T. -0.02 min

Lab File: BF092480.D

Acq: 25 Jan 2017 16:55

Instrument :

BNA_F

ClientSampleId :

PB96304BS

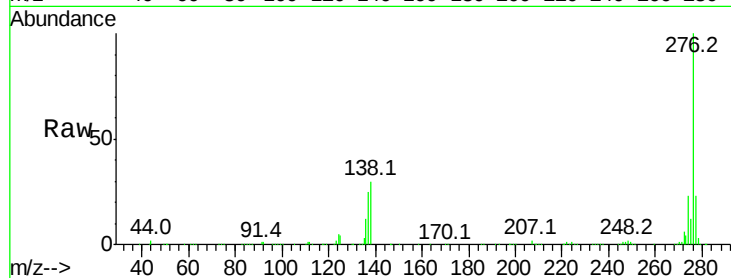
Tot Ion:276 Resp: 836003

Ion Ratio Lower Upper

276 100

277 23.2 19.2 28.8

138 30.1 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

