

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
 Data File : BF092470.D
 Acq On : 25 Jan 2017 12:20
 Operator : SJ/MA
 Sample : PB96126BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96126BS

Quant Time: Jan 26 14:06:06 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	185570	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	752115	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	416989	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	677279	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	548993	20.00	ng	-0.01
86) Perylene-d12	15.63	264	454145	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.57	112	1279433	107.27	ng	0.02
7) Phenol-d6	6.59	99	1857006	122.23	ng	0.00
23) Nitrobenzene-d5	7.54	82	1157316	84.05	ng	0.00
41) 2,4,6-Tribromophenol	10.83	330	380725	133.98	ng	0.01
44) 2-Fluorobiphenyl	9.34	172	1899546	84.24	ng	-0.01
78) Terphenyl-d14	13.11	244	1470012	71.30	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.73	88	210827	33.24	ng	# 82
3) Pyridine	3.47	79	562002	31.12	ng	# 83
4) n-Nitrosodimethylamine	3.42	42	312940	35.32	ng	# 82
6) Aniline	6.62	93	330238	14.57	ng	# 47
8) 2-Chlorophenol	6.75	128	480540	38.36	ng	# 92
9) Benzaldehyde	6.51	77	317507	29.45	ng	# 91
10) Phenol	6.61	94	589928	32.17	ng	# 64
11) bis(2-Chloroethyl)ether	6.70	93	520686	37.95	ng	# 93
12) 1,3-Dichlorobenzene	6.91	146	558534m	37.70	ng	# 93
13) 1,4-Dichlorobenzene	6.99	146	559161	37.50	ng	# 99
14) 1,2-Dichlorobenzene	7.14	146	485711	34.33	ng	# 97
15) Benzyl Alcohol	7.10	79	474811	41.47	ng	# 92
16) 2,2'-oxybis(1-Chloropropan	7.25	45	964885	35.55	ng	# 99
17) 2-Methylphenol	7.22	107	422823	39.50	ng	# 99
18) Hexachloroethane	7.48	117	186763	36.36	ng	# 88
19) n-Nitroso-di-n-propylamine	7.39	70	384178	37.13	ng	# 96
20) 3+4-Methylphenols	7.38	107	536163	41.28	ng	# 92
22) Acetophenone	7.38	105	699997	39.08	ng	# 99
24) Nitrobenzene	7.55	77	539389	37.39	ng	# 99
25) Isophorone	7.80	82	1067292	39.34	ng	# 93
26) 2-Nitrophenol	7.87	139	252245	41.73	ng	# 93
27) 2,4-Dimethylphenol	7.92	122	498722	39.67	ng	# 99
28) bis(2-Chloroethoxy)methane	8.01	93	619753	34.80	ng	# 88
29) 2,4-Dichlorophenol	8.11	162	436617	40.06	ng	# 95
30) 1,2,4-Trichlorobenzene	8.20	180	444635	37.75	ng	# 100
31) Naphthalene	8.28	128	1361303	35.36	ng	# 88
32) Benzoic acid	8.04	122	337726	37.12	ng	# 98
33) 4-Chloroaniline	8.33	127	115765	7.11	ng	# 99
34) Hexachlorobutadiene	8.41	225	242055	37.57	ng	# 91
35) Caprolactam	8.70	113	159353m	43.79	ng	# 100
36) 4-Chloro-3-methylphenol	8.82	107	495407	42.15	ng	# 99
37) 2-Methylnaphthalene	8.98	142	941407	38.63	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	447021	42.50	ng	# 96
40) Hexachlorocyclopentadiene	9.14	237	425137	80.71	ng	

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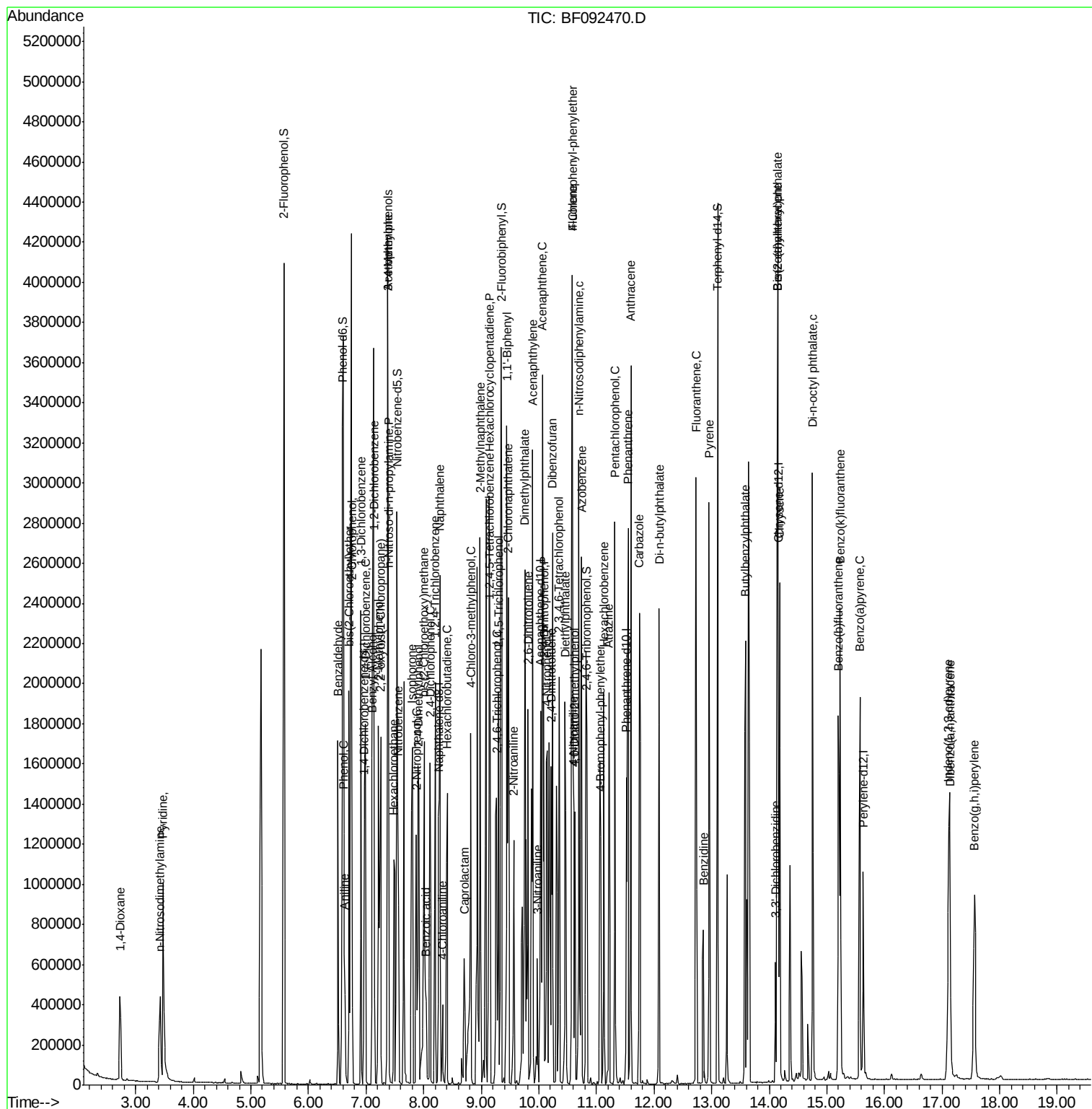
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	345388	42.86	nq	95
43) 2,4,5-Trichlorophenol	9.30	196	305269	41.40	nq	# 90
45) 1,1'-Biphenyl	9.45	154	1116807	37.05	nq	97
46) 2-Chloronaphthalene	9.47	162	896497	36.41	nq	95
47) 2-Nitroaniline	9.56	65	301366	36.35	nq	91
48) Acenaphthylene	9.89	152	1481910	41.04	nq	98
49) Dimethylphthalate	9.76	163	1128397	42.55	nq	100
50) 2,6-Dinitrotoluene	9.81	165	257368	47.48	nq	93
51) Acenaphthene	10.06	154	960771	42.82	nq	96
52) 3-Nitroaniline	9.97	138	92630	13.65	nq	95
53) 2,4-Dinitrophenol	10.09	184	249134	73.14	nq	# 72
54) Dibenzofuran	10.24	168	1196541	39.27	nq	97
55) 4-Nitrophenol	10.14	139	467020	86.63	nq	# 76
56) 2,4-Dinitrotoluene	10.21	165	298218	41.45	nq	# 89
57) Fluorene	10.58	166	852552	37.74	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.35	232	239217	43.30	nq	100
59) Diethylphthalate	10.45	149	1039529	40.88	nq	99
60) 4-Chlorophenyl-phenylether	10.58	204	445258	40.64	nq	# 77
61) 4-Nitroaniline	10.60	138	244176	35.97	nq	94
62) Azobenzene	10.74	77	1252970	43.30	nq	92
64) 4,6-Dinitro-2-methylphenol	10.62	198	153432	42.65	nq	# 46
65) n-Nitrosodiphenylamine	10.69	169	802977	37.96	nq	100
66) 4-Bromophenyl-phenylether	11.07	248	276570	40.44	nq	# 81
67) Hexachlorobenzene	11.13	284	251796	36.43	nq	# 85
68) Atrazine	11.22	200	269216	37.19	nq	99
69) Pentachlorophenol	11.32	266	297708	67.36	nq	98
70) Phenanthrene	11.55	178	1505155	40.36	nq	98
71) Anthracene	11.60	178	1338162	36.71	nq	99
72) Carbazole	11.74	167	1339046	38.48	nq	99
73) Di-n-butylphthalate	12.09	149	1683100	42.29	nq	# 96
74) Fluoranthene	12.73	202	1349963	37.00	nq	98
76) Benzidine	12.85	184	401188	19.69	nq	97
77) Pyrene	12.96	202	1392384	35.00	nq	99
79) Butylbenzylphthalate	13.59	149	714183	44.32	nq	# 79
80) Benzo(a)anthracene	14.15	228	1098507	37.23	nq	99
81) 3,3'-Dichlorobenzidine	14.11	252	146299	13.06	nq	# 95
82) Chrysene	14.18	228	1117814	35.48	nq	99
83) Bis(2-ethylhexyl)phthalate	14.15	149	850172	41.89	nq	# 95
84) Di-n-octyl phthalate	14.75	149	1564710	42.47	nq	98
85) Indeno(1,2,3-cd)pyrene	17.12	276	973301	41.75	nq	# 94
87) Benzo(b)fluoranthene	15.20	252	1283191	44.01	nq	98
88) Benzo(k)fluoranthene	15.23	252	877814m	36.21	nq	
89) Benzo(a)pyrene	15.57	252	1013581	41.10	nq	99
90) Dibenzo(a,h)anthracene	17.14	278	820137	41.12	nq	98
91) Benzo(g,h,i)perylene	17.56	276	810859	40.20	nq	# 89

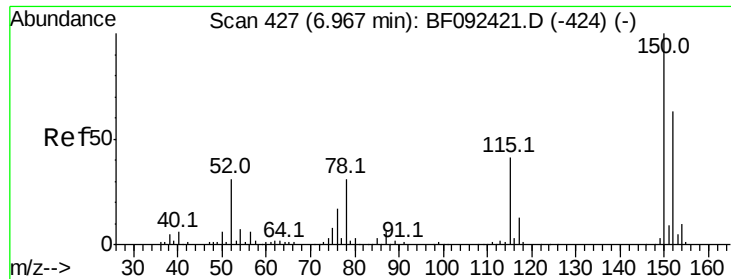
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial  : 8      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: BF092470.D

Acq: 25 Jan 2017 12:20

Instrument :

BNA_F

ClientSampleId :

PB96126BS

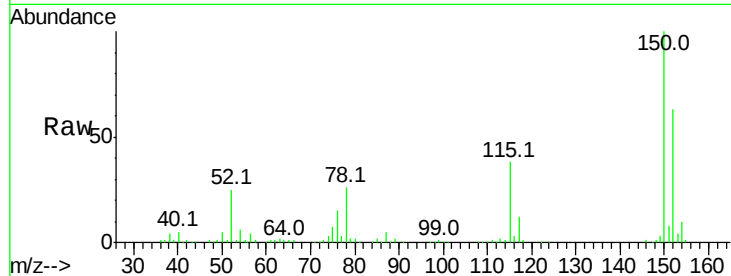
Tot Ion:152 Resp: 185570

Ion Ratio Lower Upper

152 100

150 158.2 124.9 187.3

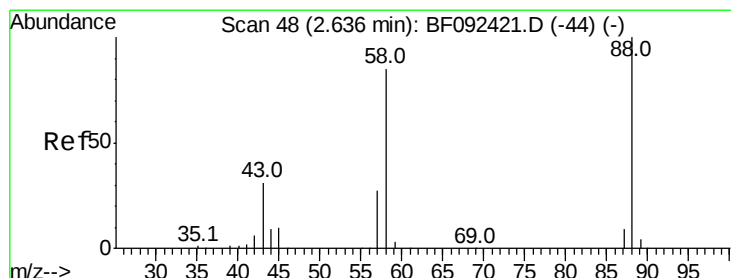
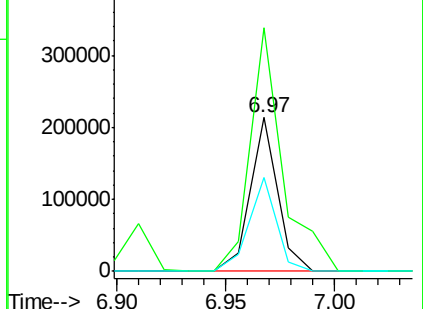
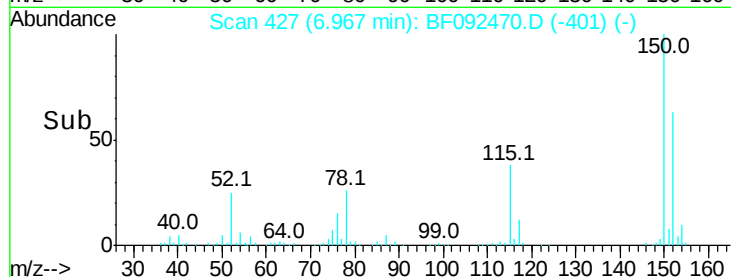
115 60.7 46.0 69.0



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: 33.24 ng

RT: 2.73 min Scan# 56

Delta R.T. 0.09 min

Lab File: BF092470.D

Acq: 25 Jan 2017 12:20

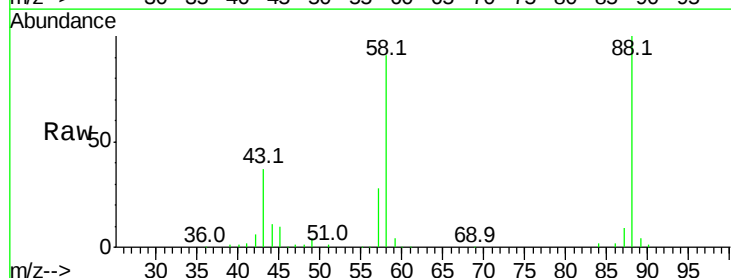
Tgt Ion: 88 Resp: 210827

Ion Ratio Lower Upper

88 100

58 89.3 57.8 86.8#

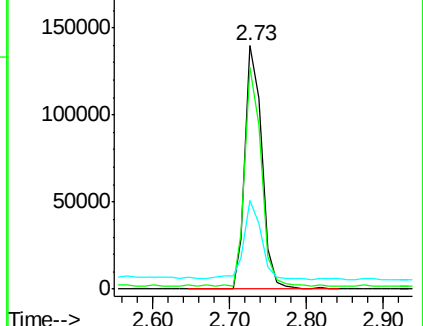
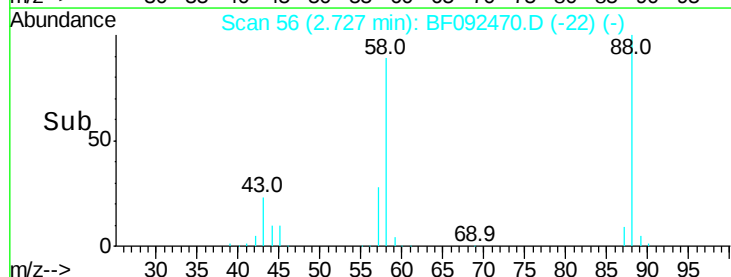
43 33.4 22.3 33.5

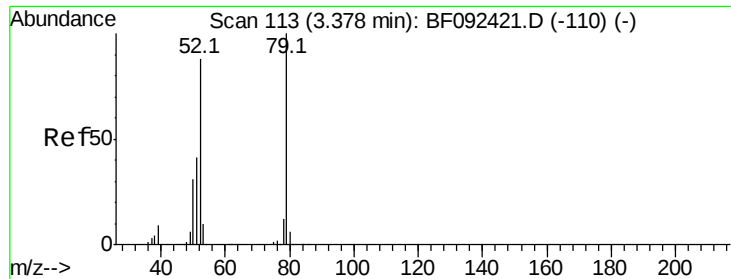


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

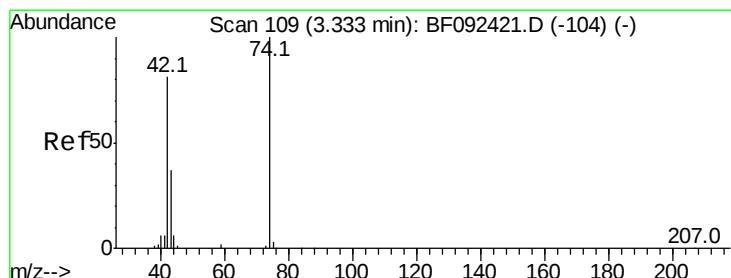
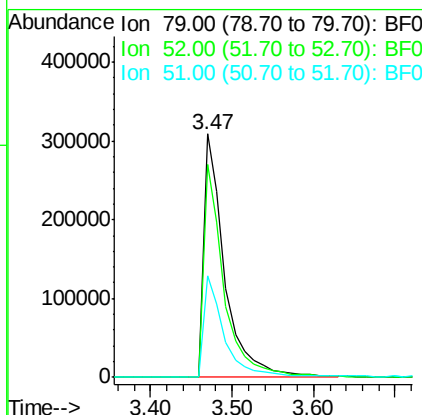
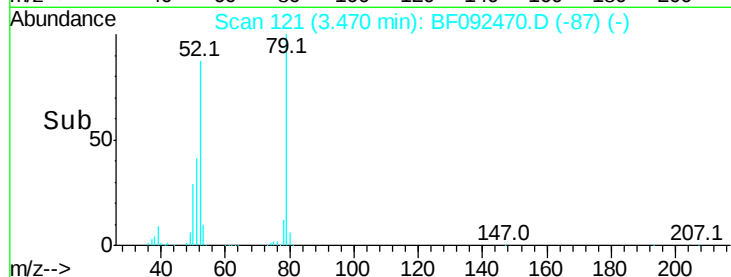
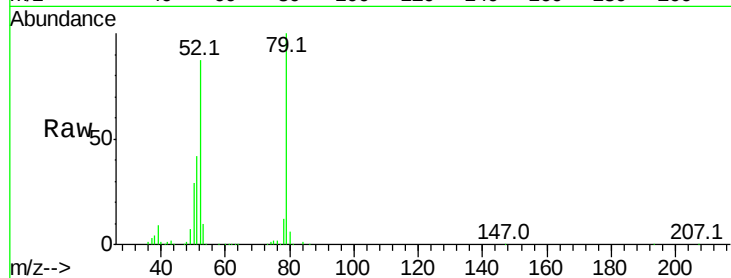




#3
 Pvridine
 Concen: 31.12 ng
 RT: 3.47 min Scan# 121
 Delta R.T. 0.09 min
 Lab File: BF092470.D
 Acq: 25 Jan 2017 12:20

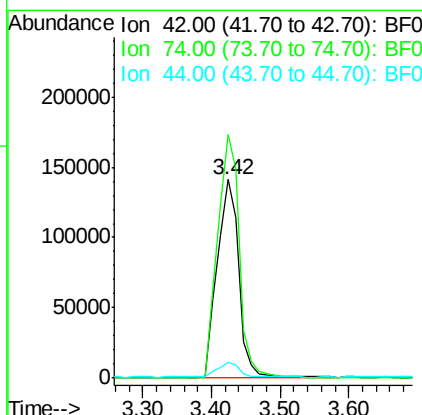
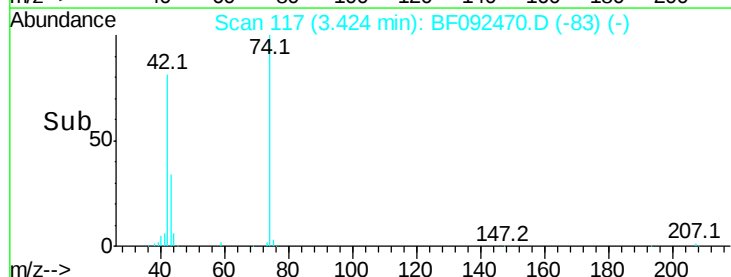
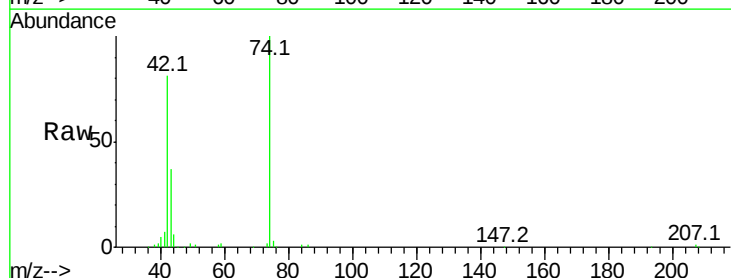
Instrument :
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 PB96126BS

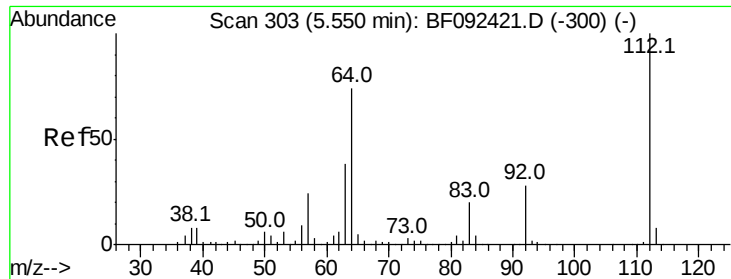
Tot Ion: 79 Resp: 562002
 Ion Ratio Lower Upper
 79 100
 52 87.3 57.1 85.7#
 51 41.8 27.3 40.9#



#4
 n-Nitrosodimethylamine
 Concen: 35.32 ng
 RT: 3.42 min Scan# 117
 Delta R.T. 0.09 min
 Lab File: BF092470.D
 Acq: 25 Jan 2017 12:20

Tgt Ion: 42 Resp: 312940
 Ion Ratio Lower Upper
 42 100
 74 122.8 117.0 175.4
 44 7.8 5.5 8.3





#5

2-Fluorophenol

Concen: 107.27 ng

RT: 5.57 min Scan# 305

Delta R.T. 0.02 min

Lab File: BF092470.D

Acq: 25 Jan 2017 12:20

Instrument :

BNA_F

ClientSampled :

PB96126BS

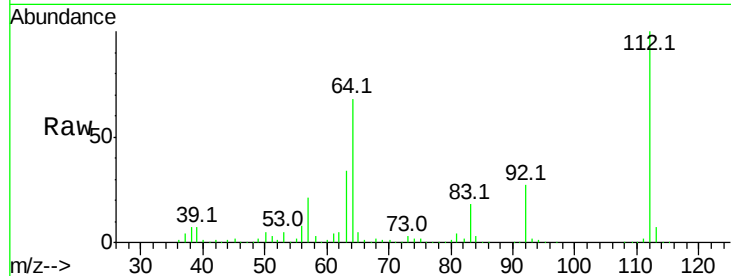
Tot Ion:112 Resp: 1279433

Ion Ratio Lower Upper

112 100

64 67.5 46.1 69.1

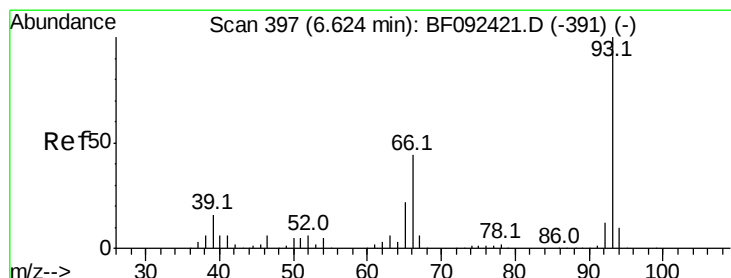
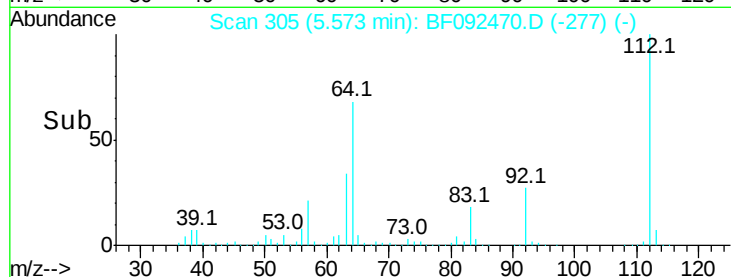
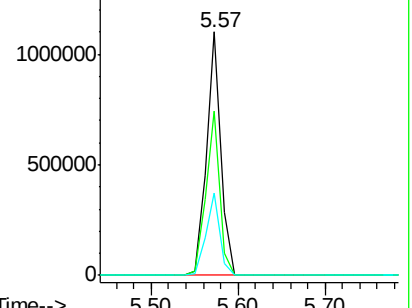
63 33.9 23.8 35.6



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: 14.57 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF092470.D

Acq: 25 Jan 2017 12:20

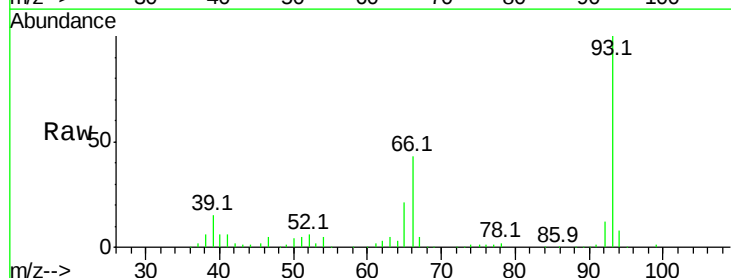
Tgt Ion: 93 Resp: 330238

Ion Ratio Lower Upper

93 100

66 43.3 76.2 114.2#

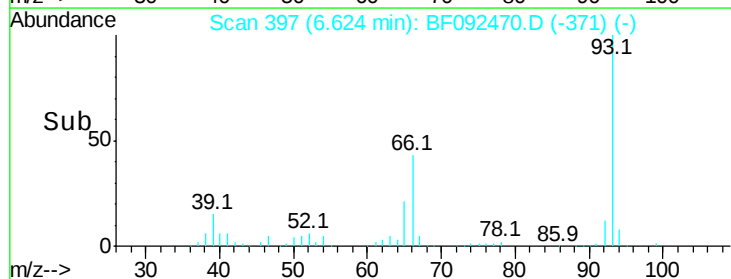
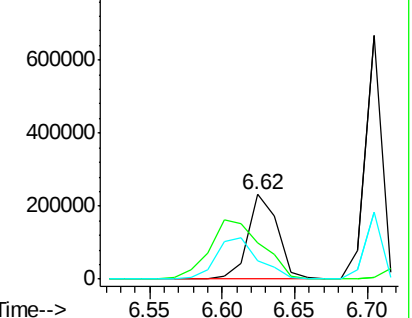
65 21.0 49.3 73.9#

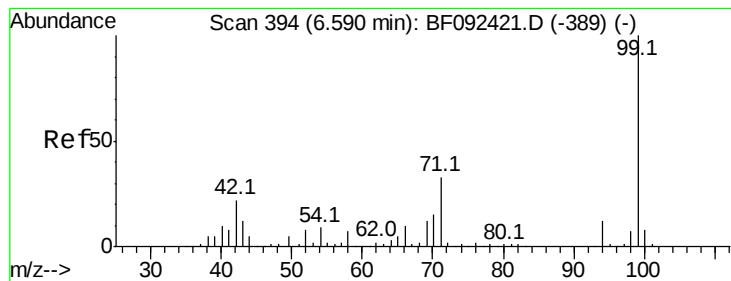


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 122.23 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF092470.D

Acq: 25 Jan 2017 12:20

Instrument :

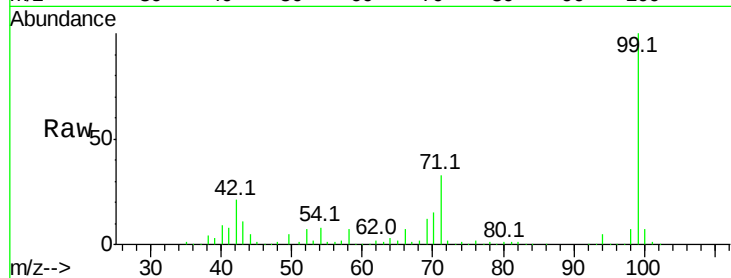
BNA_F

ClientSampleId :

PB96126BS

Tot Ion: 99 Resp: 1857006

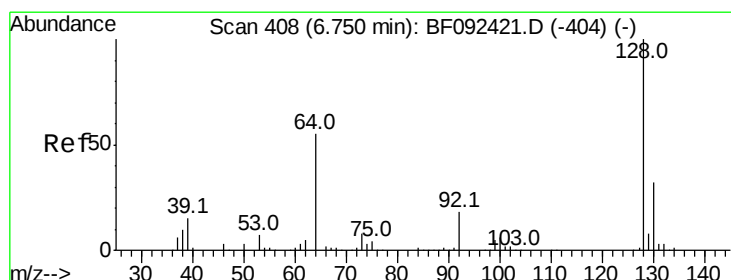
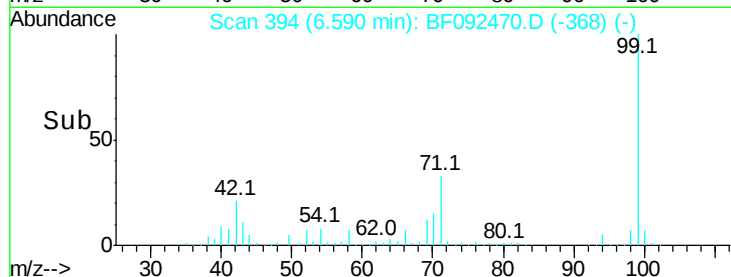
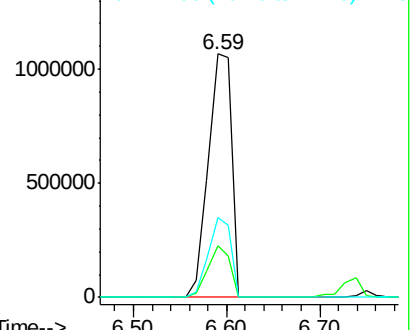
Ion	Ratio	Lower	Upper
99	100		
42	21.4	15.6	23.4
71	32.9	27.5	41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.36 ng

RT: 6.75 min Scan# 408

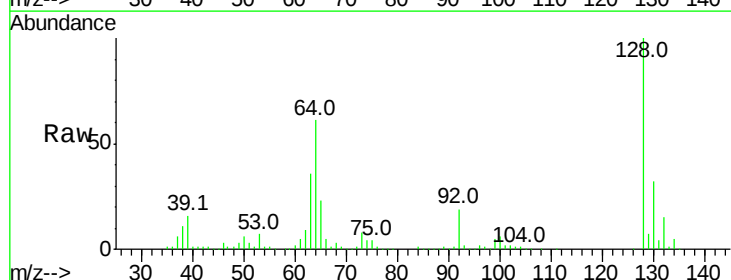
Delta R.T. -0.00 min

Lab File: BF092470.D

Acq: 25 Jan 2017 12:20

Tgt Ion: 128 Resp: 480540

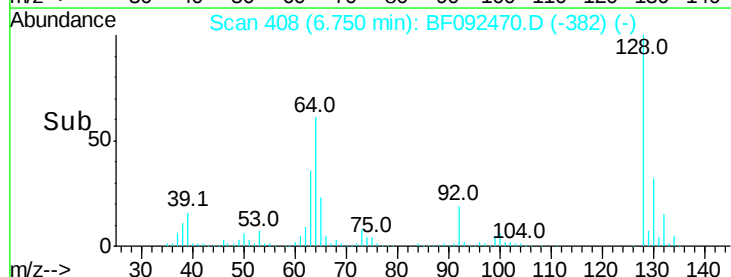
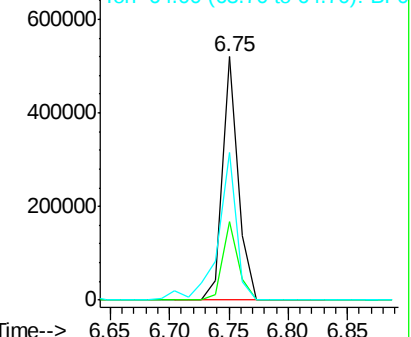
Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.3	52.3
64	60.9	32.2	72.2

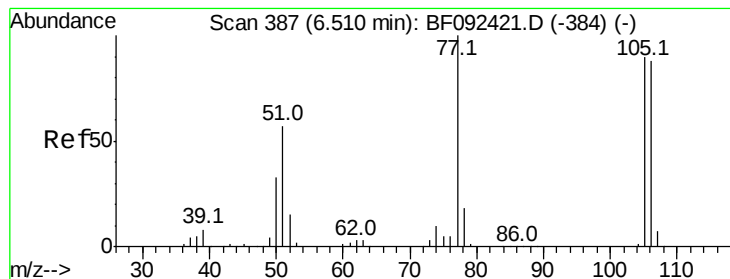


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 29.45 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF092470.D

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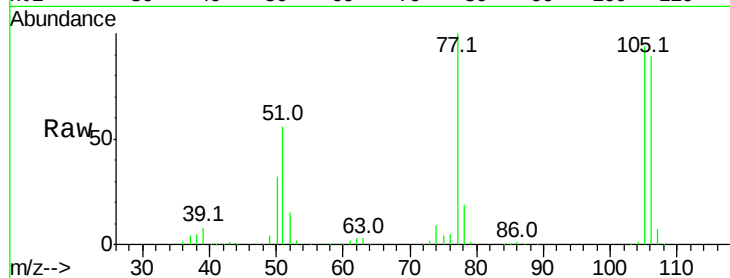
Tot Ion: 77 Resp: 317507

Ion Ratio Lower Upper

77 100

105 93.7 83.9 123.9

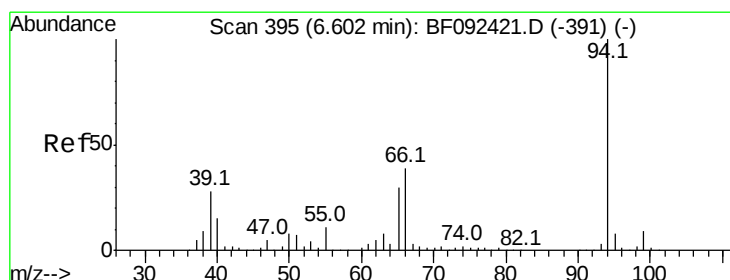
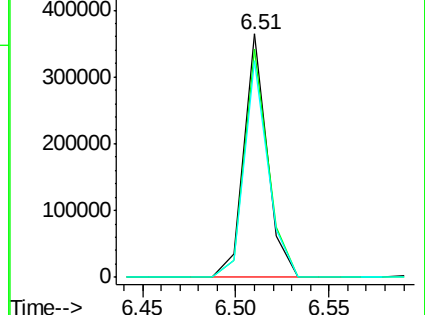
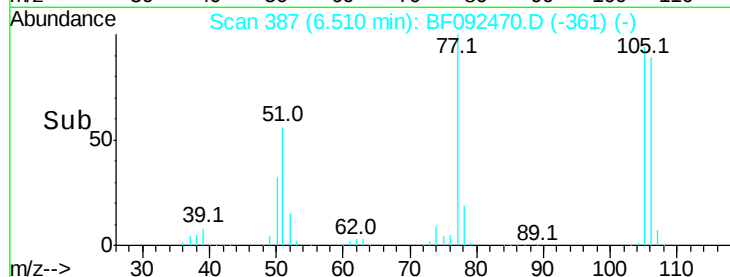
106 89.2 77.6 117.6



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: 32.17 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.01 min

Lab File: BF092470.D

Acq: 25 Jan 2017 12:20

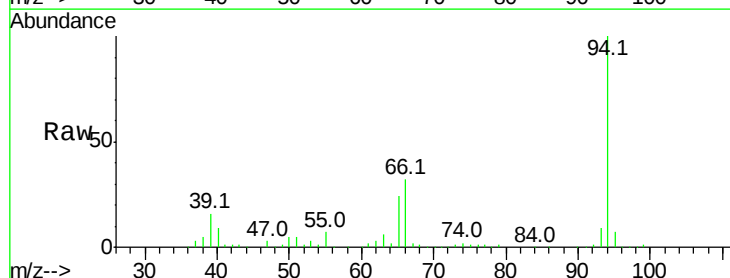
Tgt Ion: 94 Resp: 589928

Ion Ratio Lower Upper

94 100

65 23.5 21.4 61.4

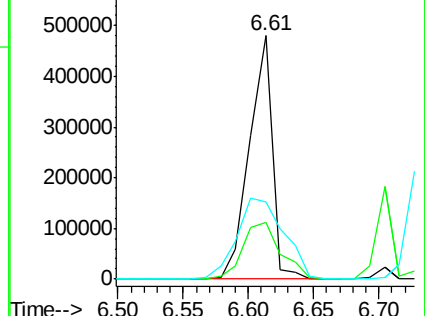
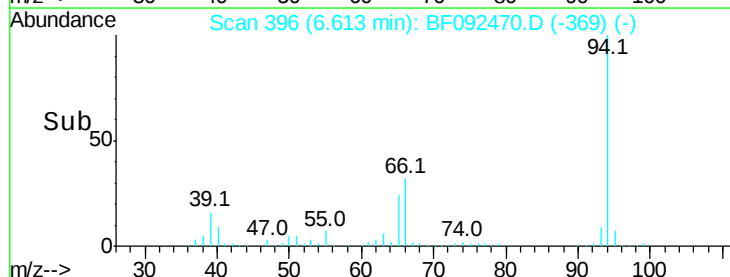
66 31.6 44.0 84.0#

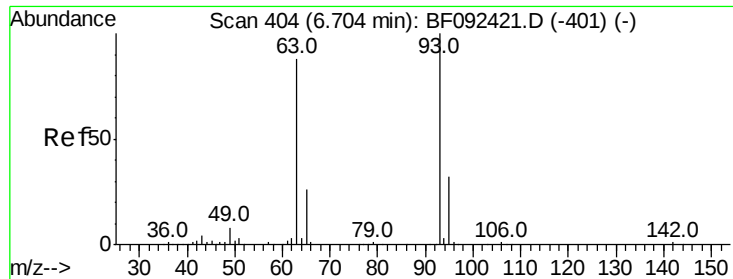


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 37.95 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF092470.D

Acq: 25 Jan 2017 12:20

Instrument :

BNA_F

ClientSampleId :

PB96126BS

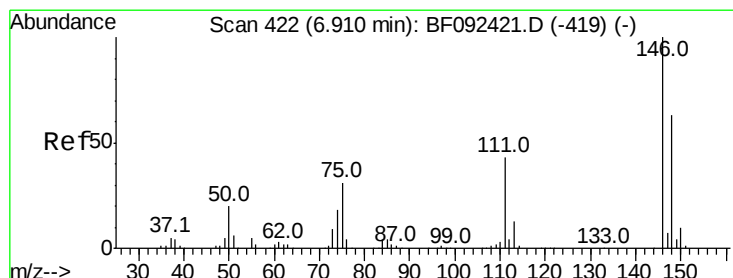
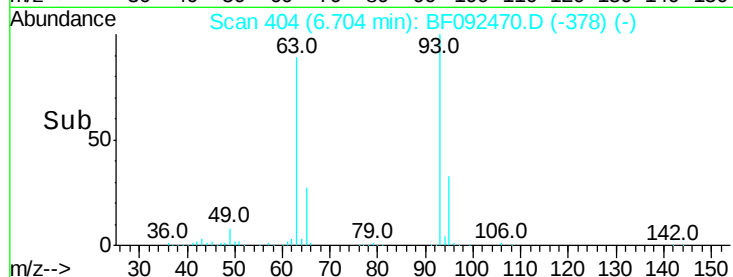
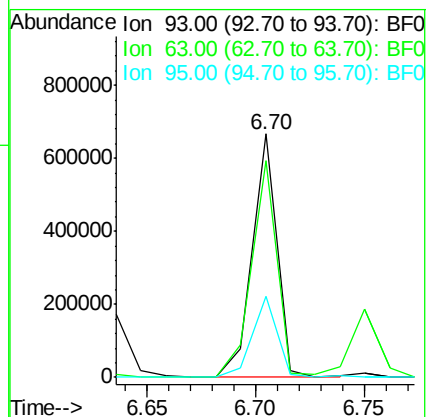
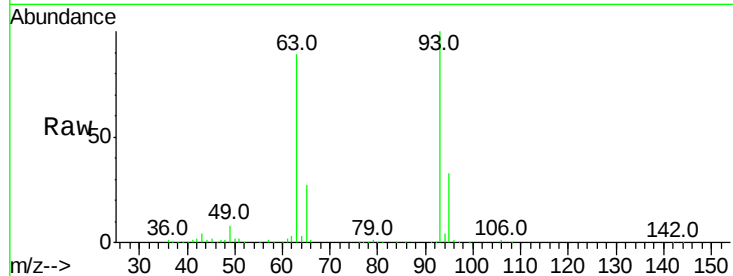
Tot Ion: 93 Resp: 520686

Ion Ratio Lower Upper

93 100

63 89.2 60.4 100.4

95 33.1 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 37.70 ng m

RT: 6.91 min Scan# 422

Delta R.T. -0.00 min

Lab File: BF092470.D

Acq: 25 Jan 2017 12:20

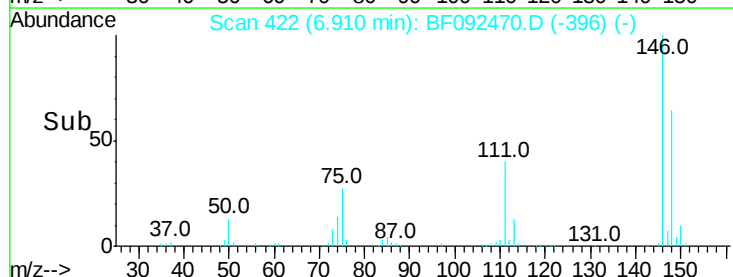
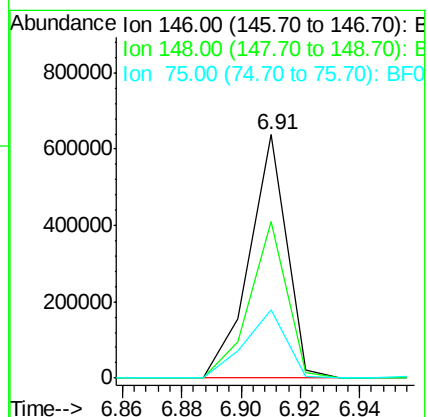
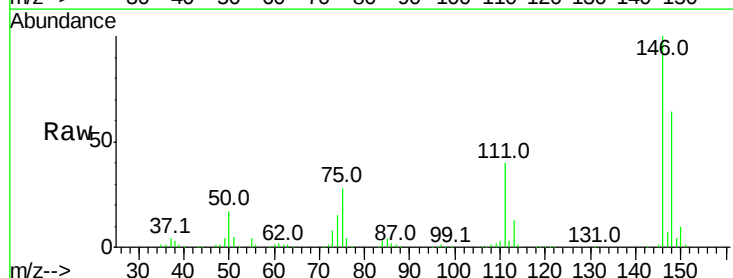
Tgt Ion: 146 Resp: 558534

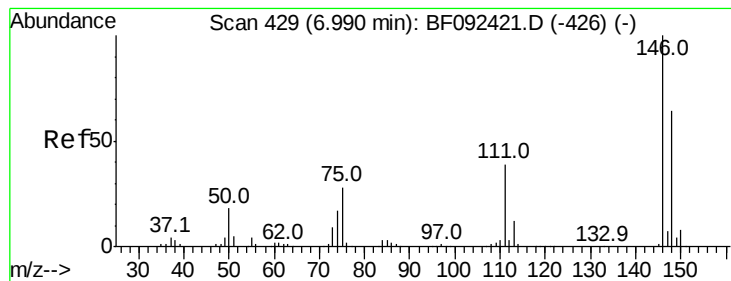
Ion Ratio Lower Upper

146 100

148 64.2 53.4 80.0

75 27.8 18.5 27.7#





#13

1,4-Dichlorobenzene

Concen: 37.50 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF092470.D

Acq: 25 Jan 2017 12:20

Instrument :

BNA_F

ClientSampleId :

PB96126BS

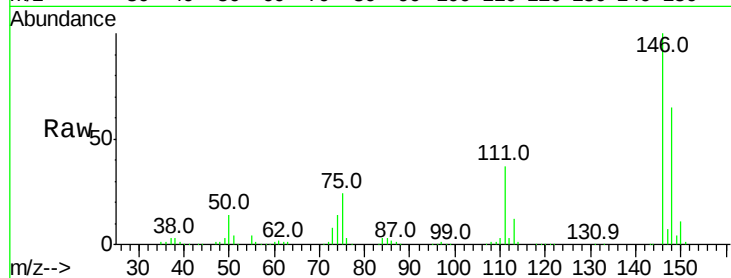
Tot Ion:146 Resp: 559161

Ion Ratio Lower Upper

146 100

148 65.4 50.6 76.0

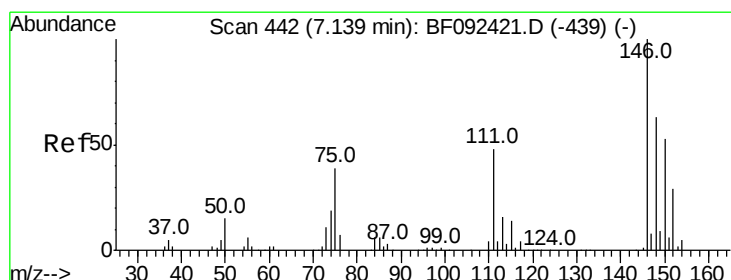
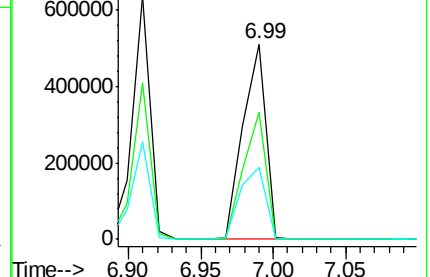
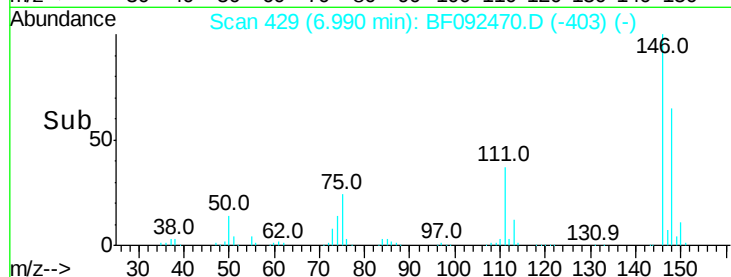
111 37.2 36.2 54.4



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: 34.33 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF092470.D

Acq: 25 Jan 2017 12:20

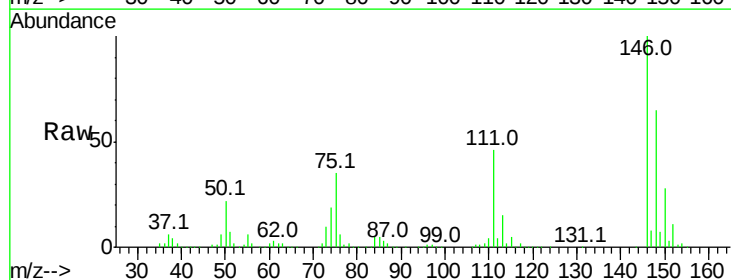
Tgt Ion:146 Resp: 485711

Ion Ratio Lower Upper

146 100

148 64.8 52.2 78.2

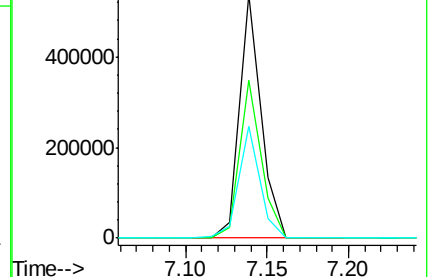
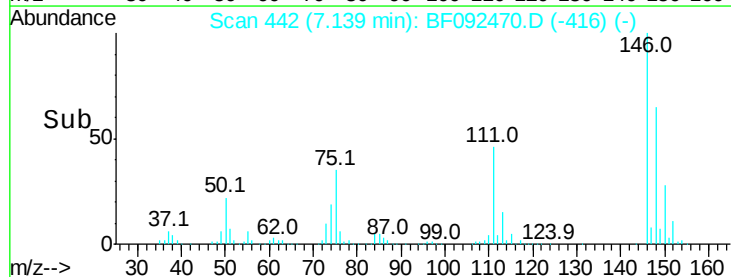
111 45.9 36.2 54.2

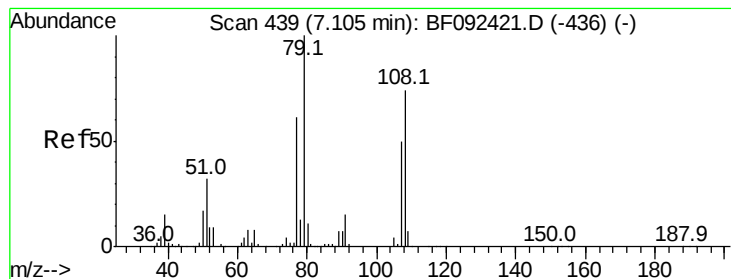


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.47 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.00 min

Lab File: BF092470.D

Acq: 25 Jan 2017 12:20

Instrument :

BNA_F

ClientSampled :

PB96126BS

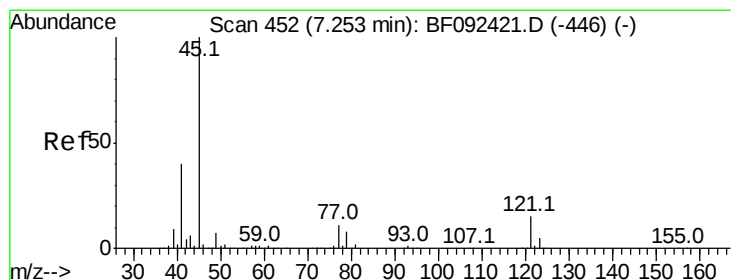
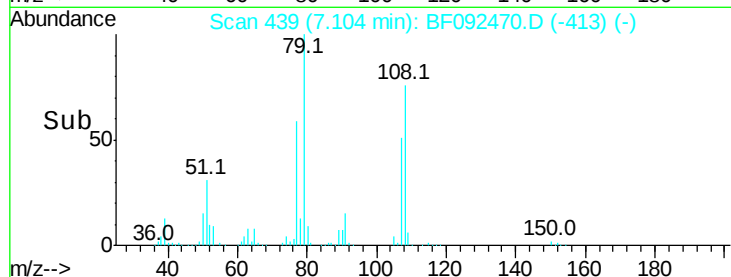
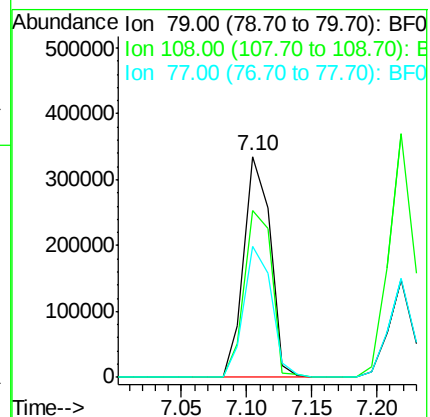
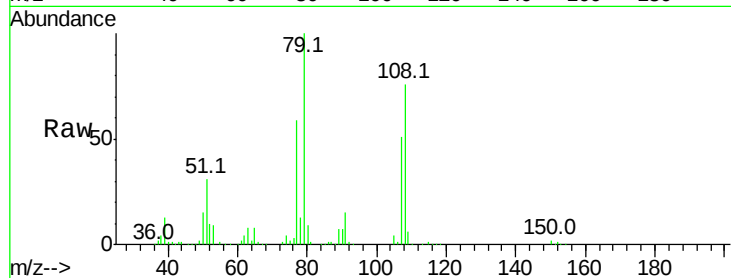
Tot Ion: 79 Resp: 474811

Ion Ratio Lower Upper

79 100

108 75.6 61.4 92.0

77 59.4 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.55 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF092470.D

Acq: 25 Jan 2017 12:20

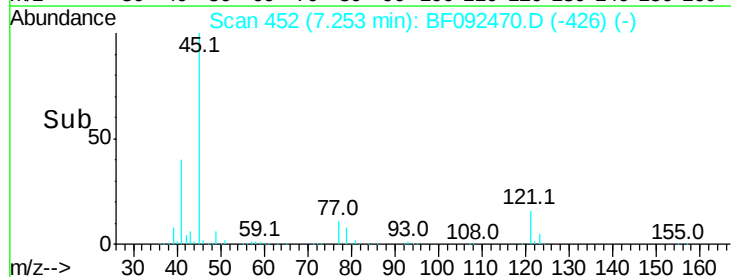
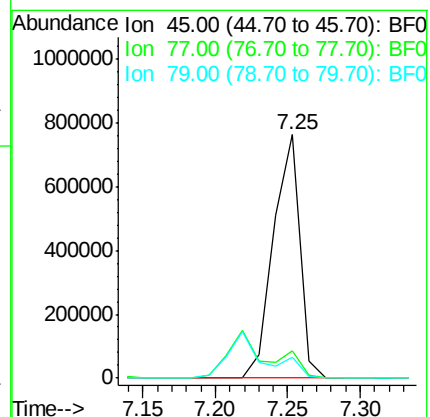
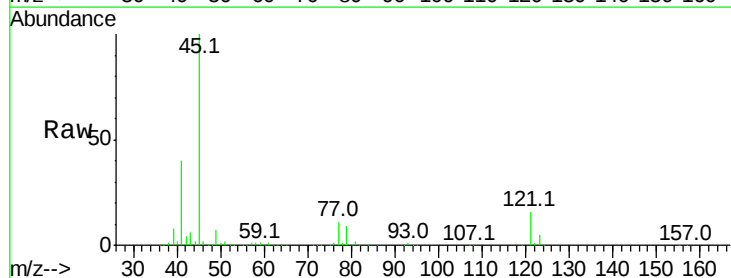
Tgt Ion: 45 Resp: 964885

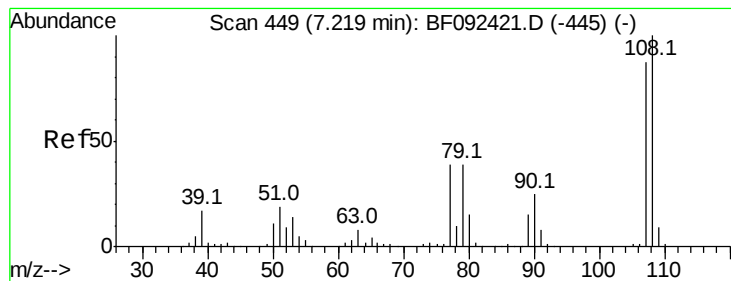
Ion Ratio Lower Upper

45 100

77 11.1 0.0 34.6

79 8.7 0.0 31.2





#17

2-Methylphenol

Concen: 39.50 ng

RT: 7.22 min Scan# 449

Delta R.T. -0.00 min

Lab File: BF092470.D

Acq: 25 Jan 2017 12:20

Instrument :

BNA_F

ClientSampleId :

PB96126BS

Tot Ion:107 Resp: 422823

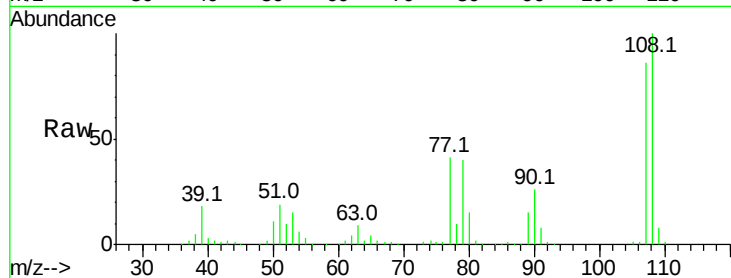
Ion Ratio Lower Upper

107 100

108 116.2 93.0 139.6

77 47.1 39.8 59.8

79 46.4 38.0 57.0

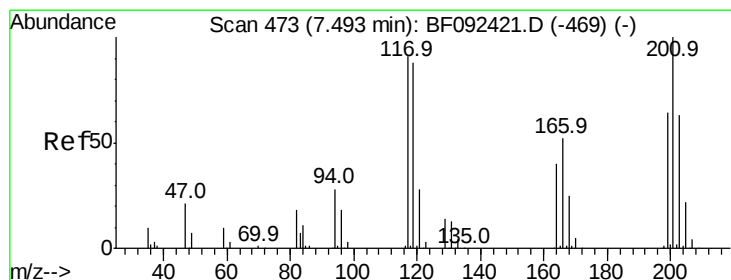
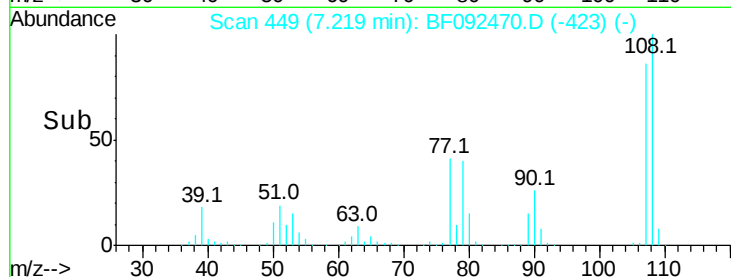
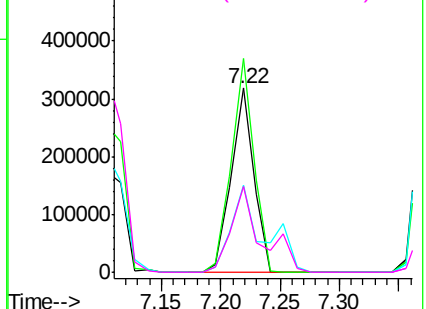


Abundance Ion 107.00 (106.70 to 107.70): E

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: 36.36 ng

RT: 7.48 min Scan# 472

Delta R.T. -0.01 min

Lab File: BF092470.D

Acq: 25 Jan 2017 12:20

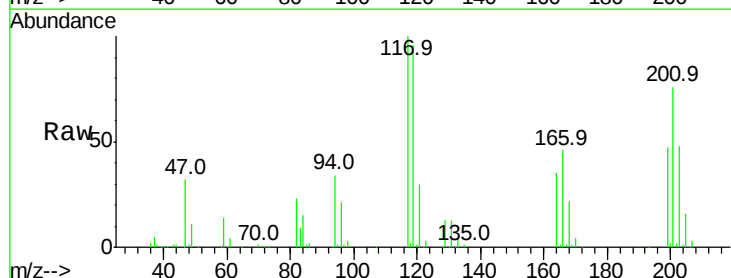
Tgt Ion:117 Resp: 186763

Ion Ratio Lower Upper

117 100

119 95.8 78.1 117.1

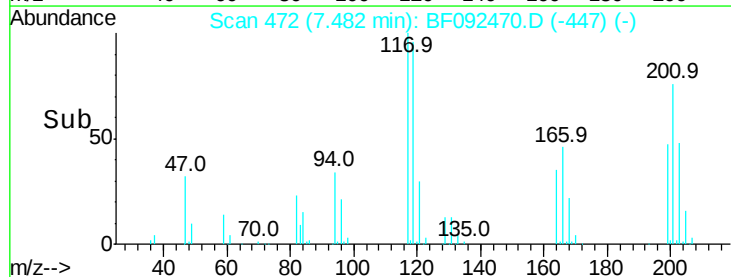
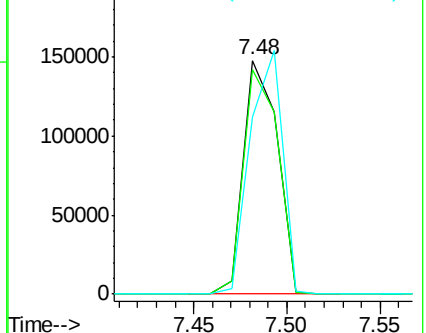
201 76.0 78.6 117.8#

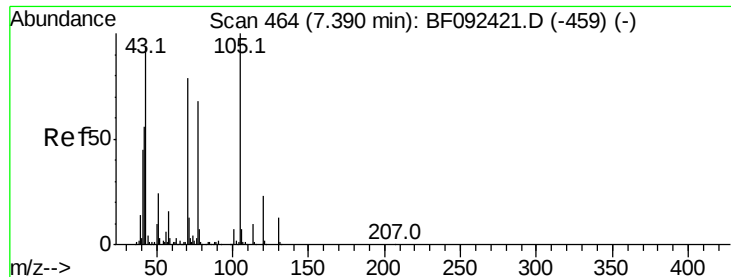


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

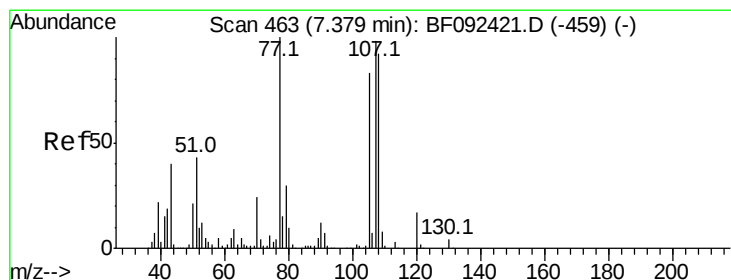
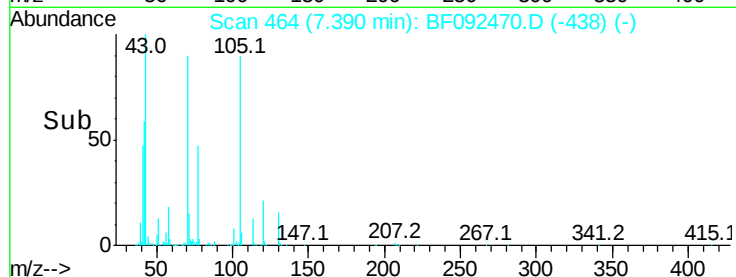
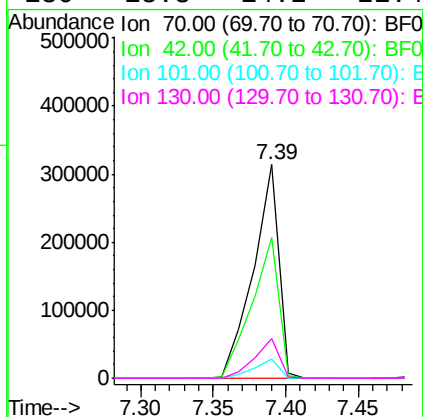
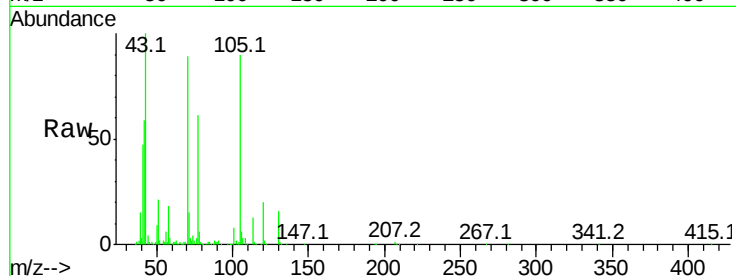




#19
n-Nitroso-di-n-propylamine
Concen: 37.13 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF092470.D
Acq: 25 Jan 2017 12:20

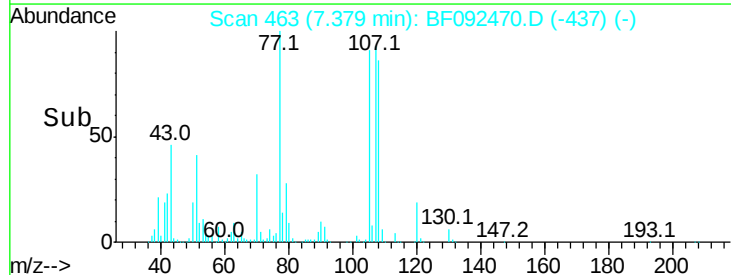
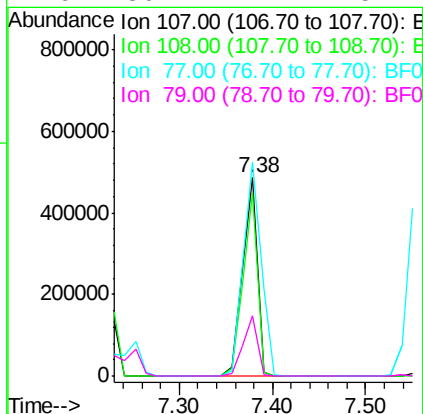
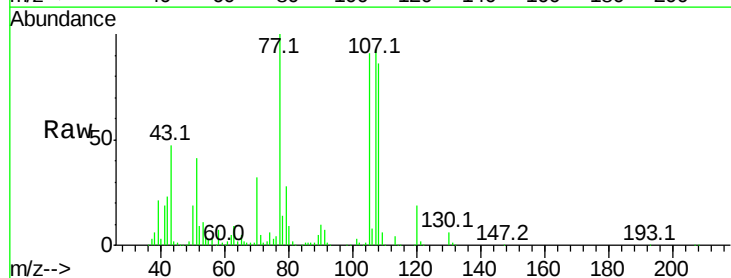
Instrument :
BNA_F
ClientSampleId :
PB96126BS

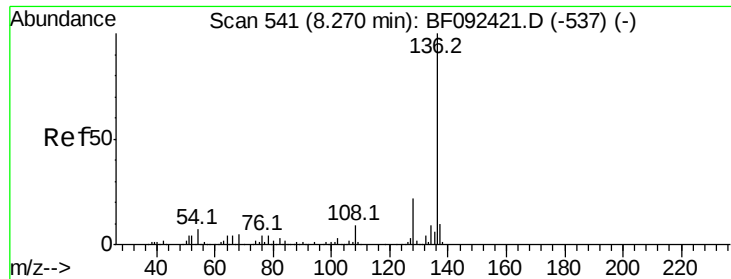
Tot Ion: 70 Resp: 384178
Ion Ratio Lower Upper
70 100
42 66.0 49.4 74.0
101 8.9 7.4 11.2
130 18.3 14.2 21.4



#20
3+4-Methylphenols
Concen: 41.28 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF092470.D
Acq: 25 Jan 2017 12:20

Tgt Ion: 107 Resp: 536163
Ion Ratio Lower Upper
107 100
108 92.5 73.0 113.0
77 107.7 71.3 111.3
79 30.1 11.1 51.1

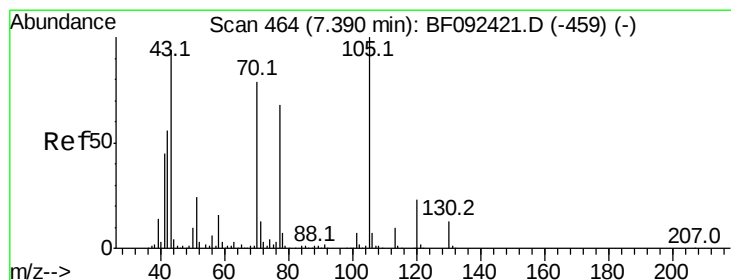
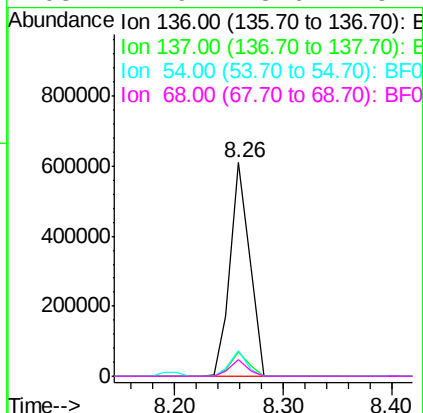
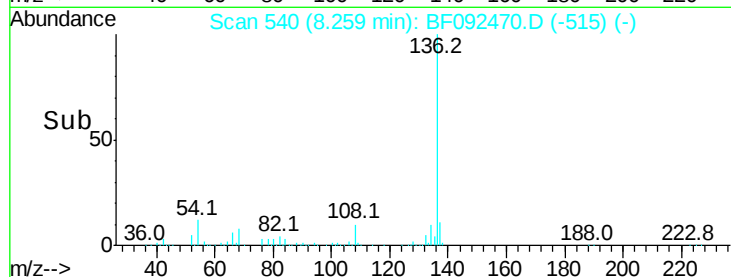
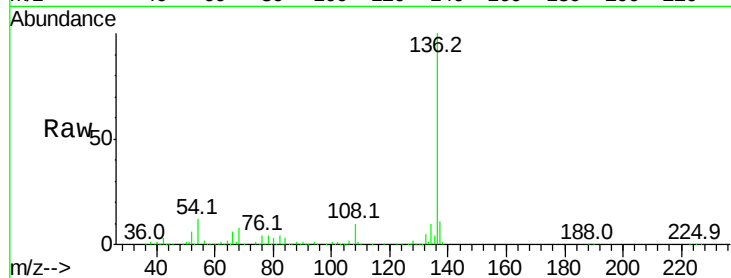




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092470.D
Acq: 25 Jan 2017 12:20

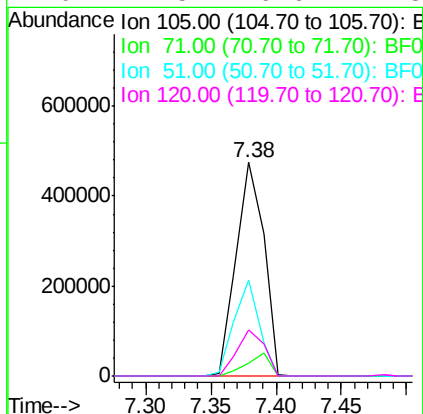
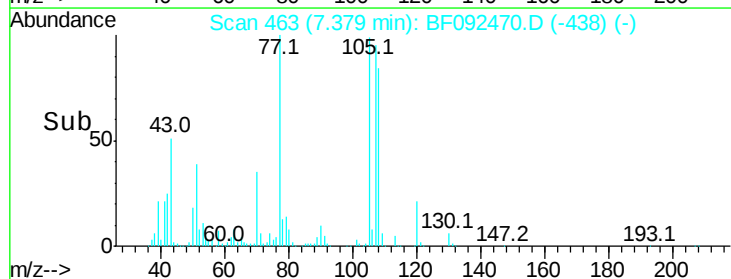
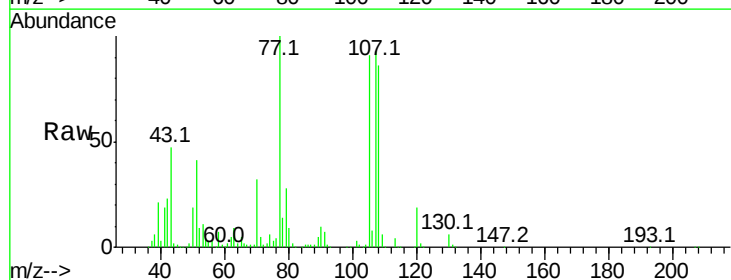
Instrument :
BNA_F
ClientSampleId :
PB96126BS

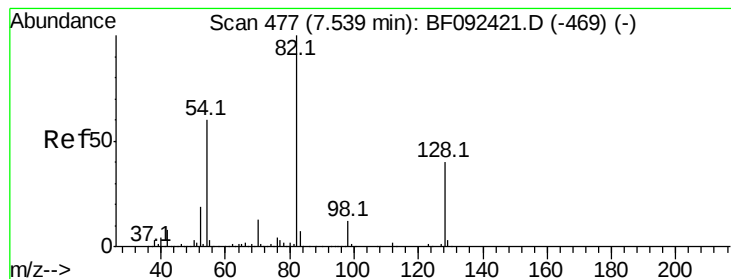
Tot Ion:136	Resp:	752115
Ion Ratio	Lower	Upper
136 100		
137 11.2	8.4	12.6
54 11.7	4.5	6.7#
68 7.9	3.6	5.4#



#22
Acetophenone
Concen: 39.08 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF092470.D
Acq: 25 Jan 2017 12:20

Tgt Ion:105	Resp:	699997
Ion Ratio	Lower	Upper
105 100		
71 5.8	3.2	4.8#
51 45.0	26.2	39.4#
120 21.5	16.6	24.8





#23

Nitrobenzene-d5

Concen: 84.05 ng

RT: 7.54 min Scan# 477

Delta R.T. -0.00 min

Lab File: BF092470.D

Acq: 25 Jan 2017 12:20

Instrument :

BNA_F

ClientSampleId :

PB96126BS

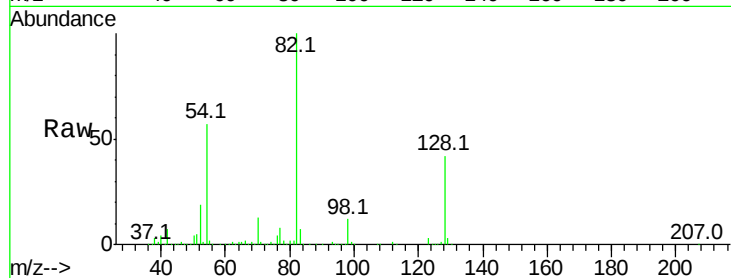
Tot Ion: 82 Resp: 1157316

Ion Ratio Lower Upper

82 100

128 42.2 34.6 52.0

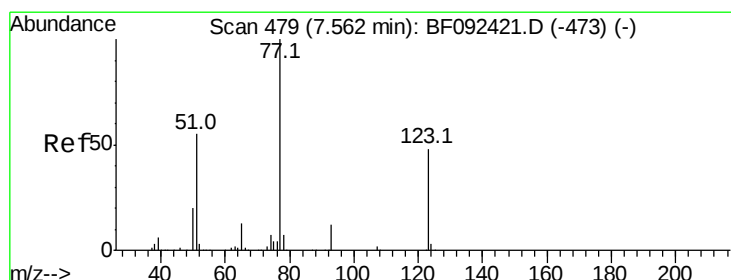
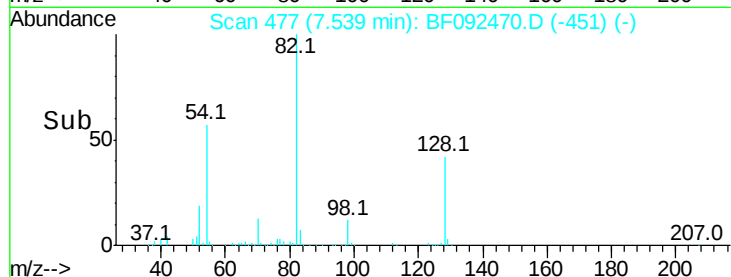
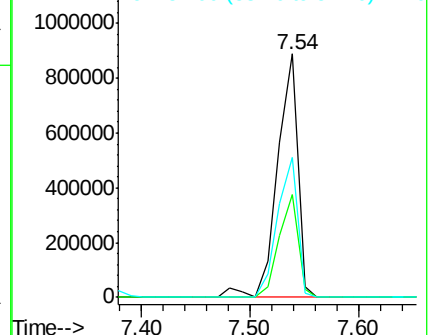
54 57.5 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 37.39 ng

RT: 7.55 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF092470.D

Acq: 25 Jan 2017 12:20

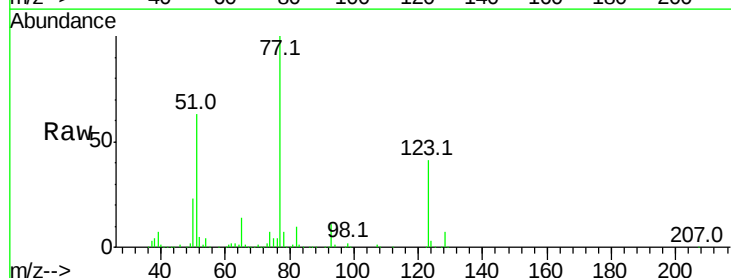
Tgt Ion: 77 Resp: 539389

Ion Ratio Lower Upper

77 100

123 40.5 33.0 49.4

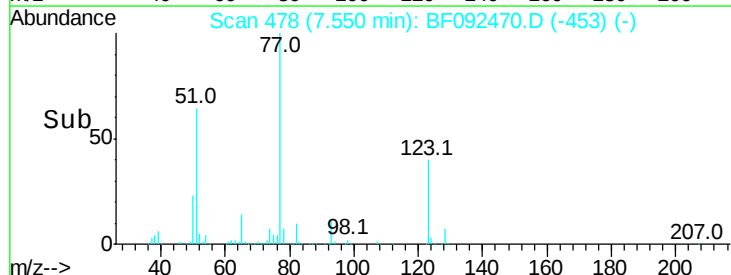
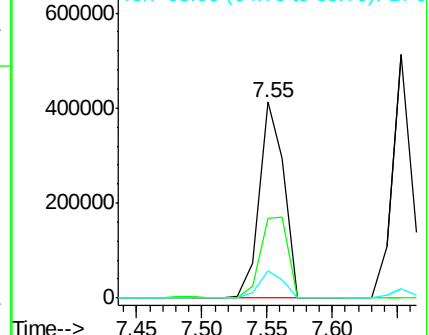
65 14.1 11.2 16.8

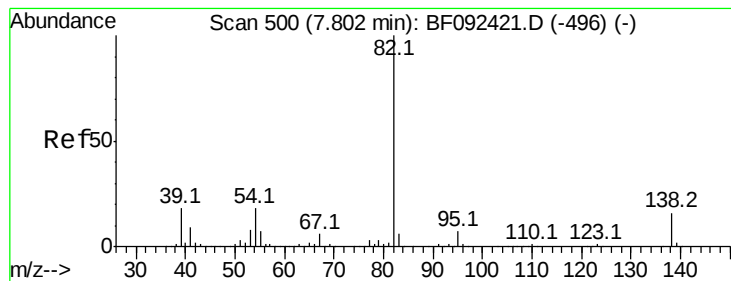


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.34 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF092470.D

Acq: 25 Jan 2017 12:20

Instrument :

BNA_F

ClientSampleId :

PB96126BS

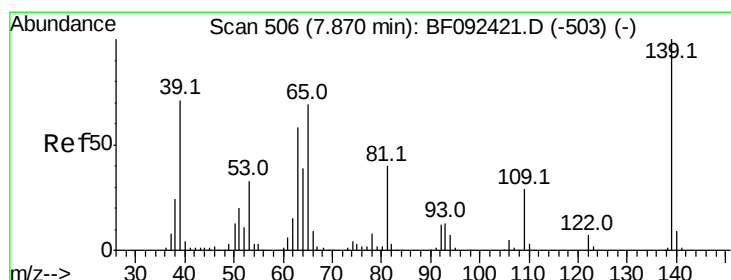
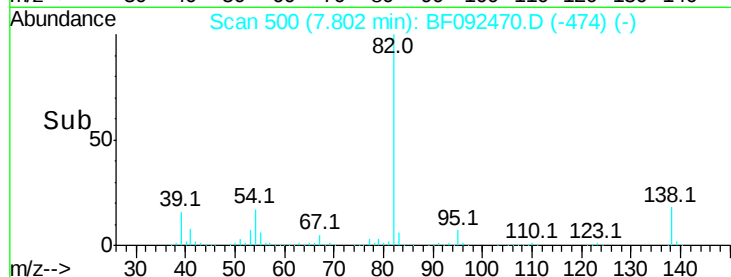
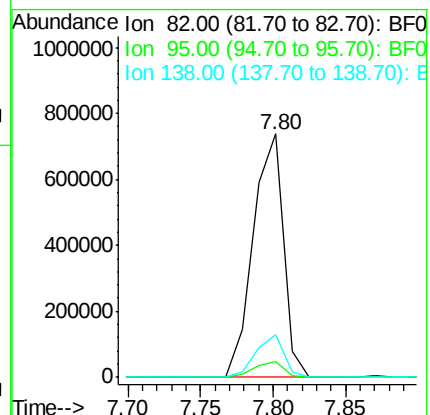
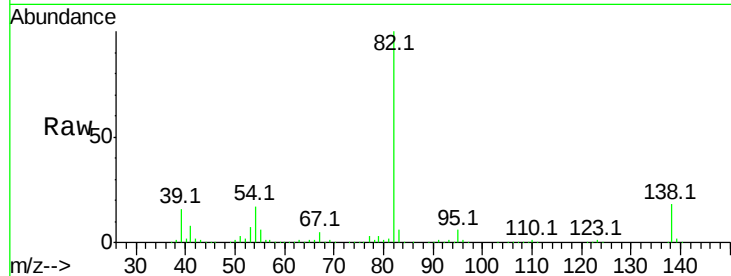
Tot Ion: 82 Resp: 1067292

Ion Ratio Lower Upper

82 100

95 6.5 5.6 8.4

138 17.7 14.6 22.0



#26

2-Nitrophenol

Concen: 41.73 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF092470.D

Acq: 25 Jan 2017 12:20

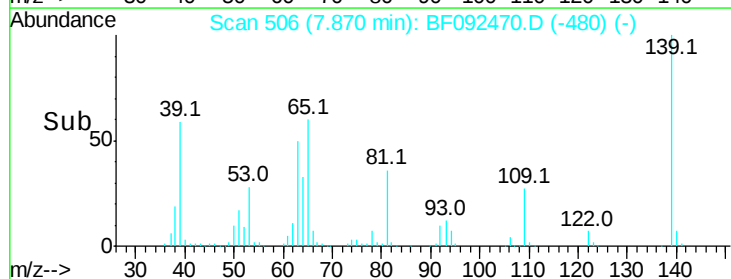
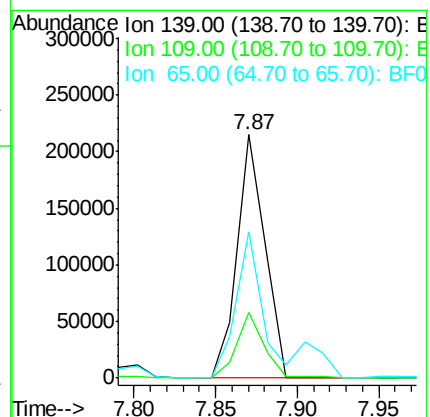
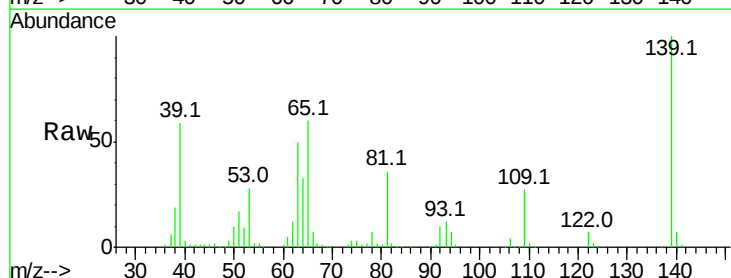
Tgt Ion: 139 Resp: 252245

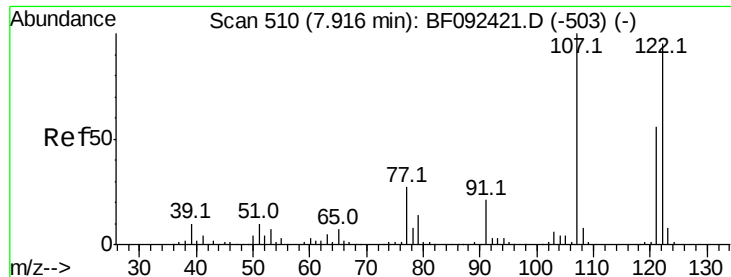
Ion Ratio Lower Upper

139 100

109 27.0 23.3 34.9

65 60.0 42.7 64.1

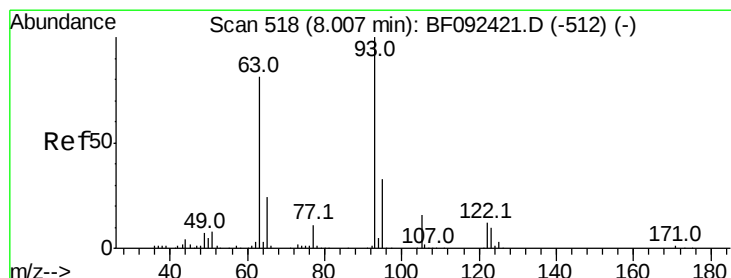
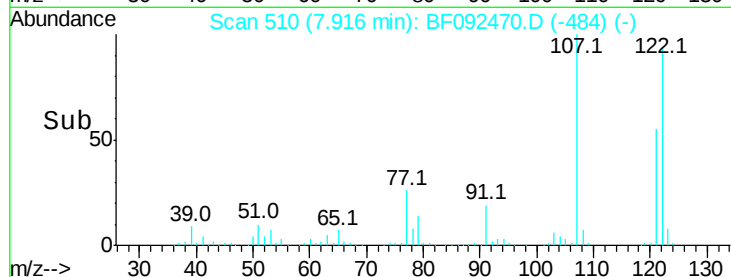
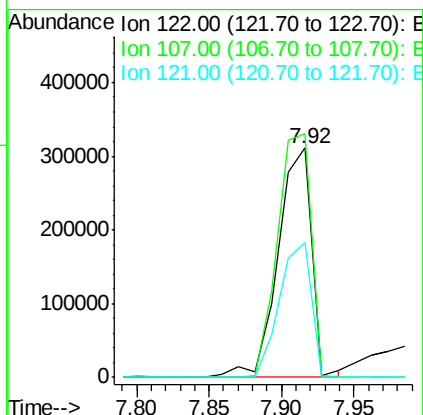
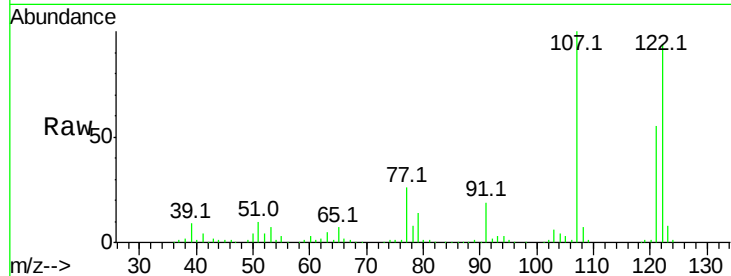




#27
 2,4-Dimethylphenol
 Concen: 39.67 ng
 RT: 7.92 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: BF092470.D
 Acq: 25 Jan 2017 12:20

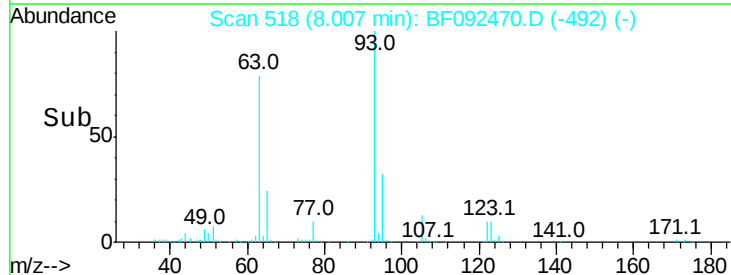
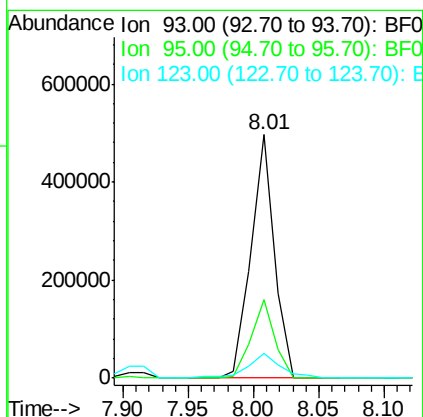
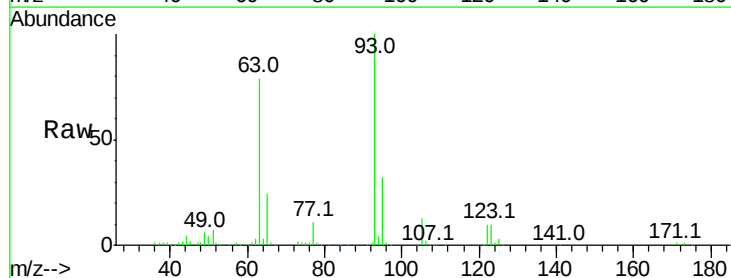
Instrument :
 BNA_F
 ClientSampleId :
 PB96126BS

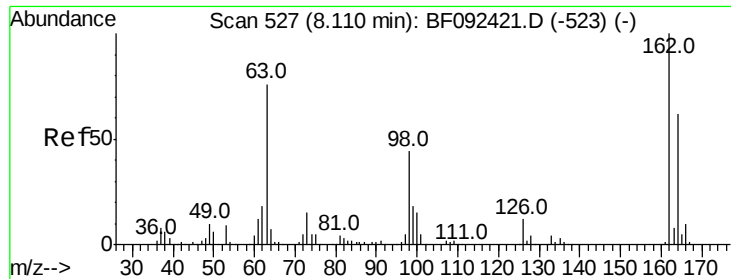
Tot Ion:122 Resp: 498722
 Ion Ratio Lower Upper
 122 100
 107 106.1 94.1 141.1
 121 58.5 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 34.80 ng
 RT: 8.01 min Scan# 518
 Delta R.T. -0.00 min
 Lab File: BF092470.D
 Acq: 25 Jan 2017 12:20

Tgt Ion: 93 Resp: 619753
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.5 39.7
 123 10.2 8.6 13.0

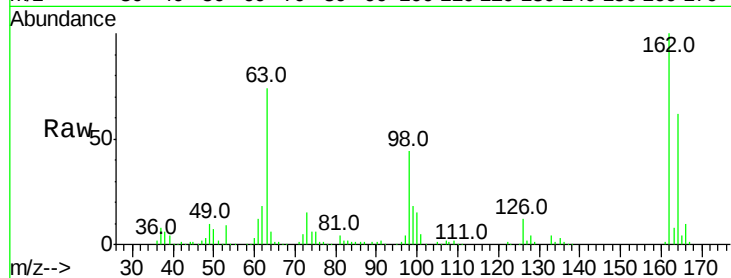




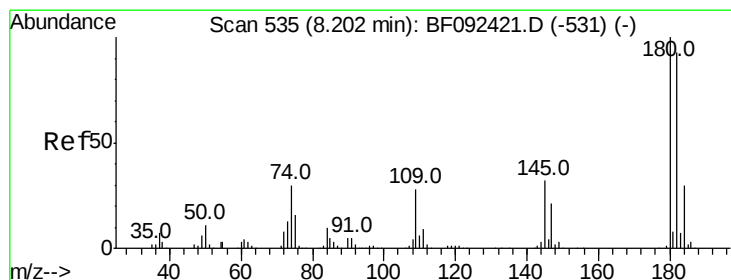
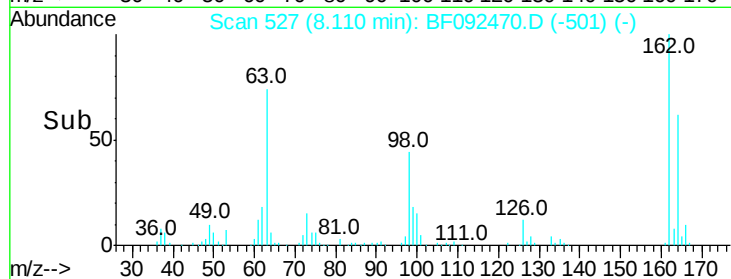
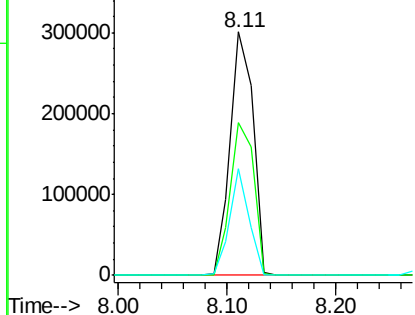
#29
 2,4-Dichlorophenol
 Concen: 40.06 ng
 RT: 8.11 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: BF092470.D
 Acq: 25 Jan 2017 12:20

Instrument :
 BNA_F
 ClientSampleId :
 PB96126BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.5	46.8	86.8
98	43.7	9.1	49.1

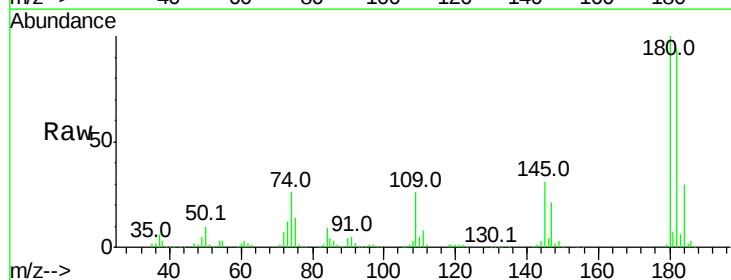


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

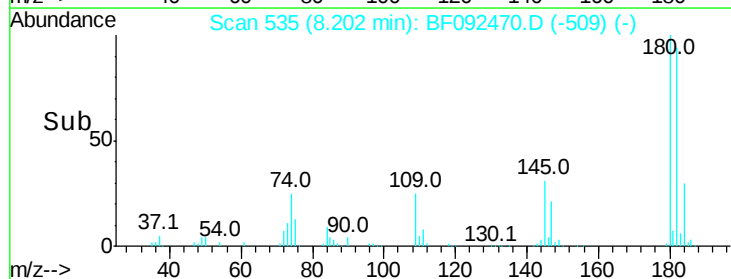
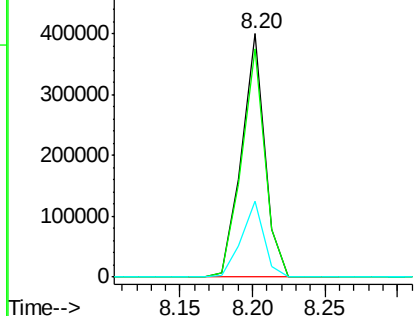


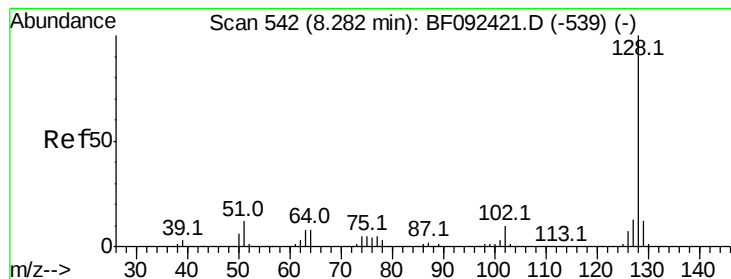
#30
 1,2,4-Trichlorobenzene
 Concen: 37.75 ng
 RT: 8.20 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: BF092470.D
 Acq: 25 Jan 2017 12:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	78.2	117.4
145	31.2	21.6	32.4



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





#31

Naphthalene

Concen: 35.36 ng

RT: 8.28 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF092470.D

Acq: 25 Jan 2017 12:20

Instrument :

BNA_F

ClientSampleId :

PB96126BS

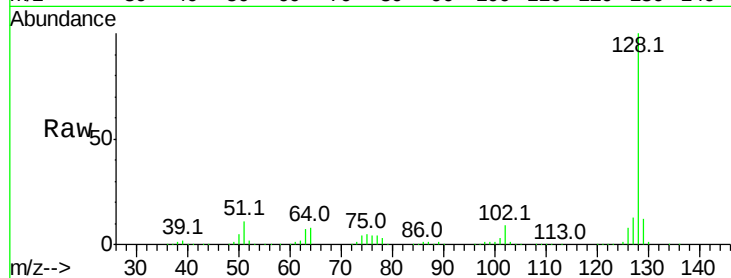
Tot Ion:128 Resp: 1361303

Ion Ratio Lower Upper

128 100

129 11.7 9.5 14.3

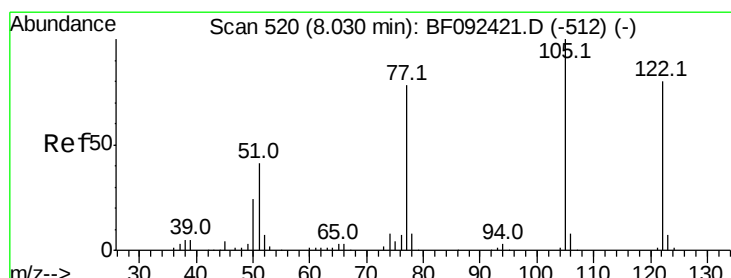
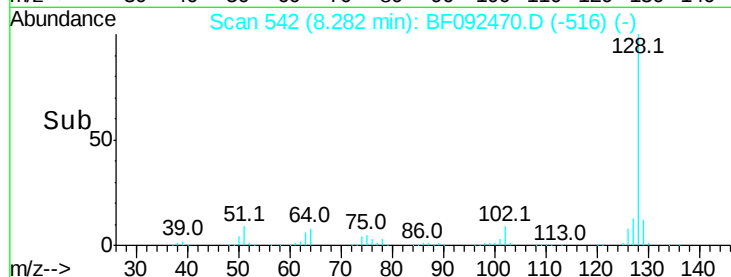
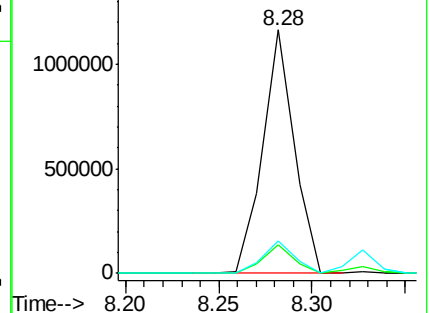
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.12 ng

RT: 8.04 min Scan# 521

Delta R.T. 0.01 min

Lab File: BF092470.D

Acq: 25 Jan 2017 12:20

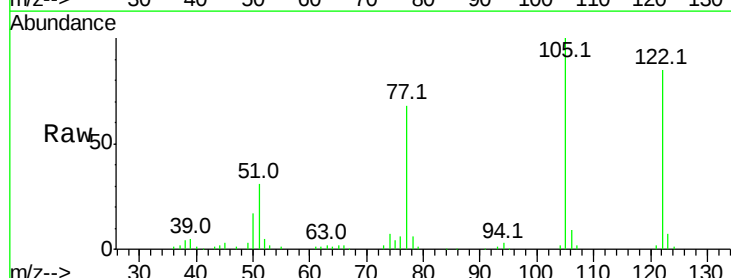
Tgt Ion:122 Resp: 337726

Ion Ratio Lower Upper

122 100

105 117.1 107.2 147.2

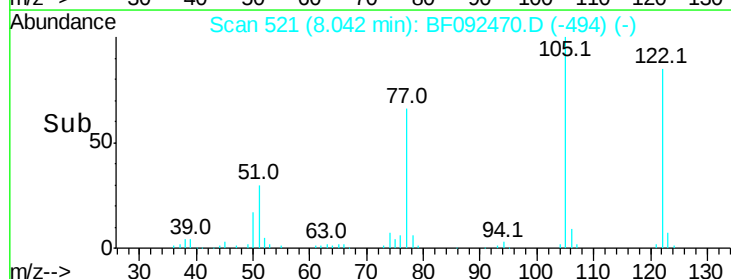
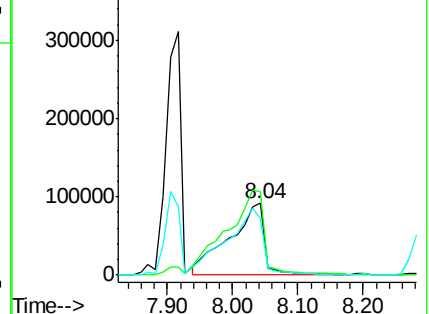
77 79.2 74.5 114.5

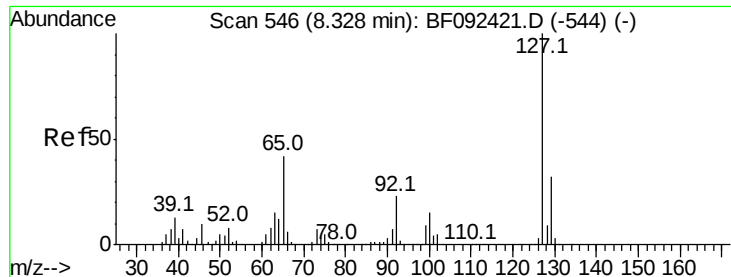


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

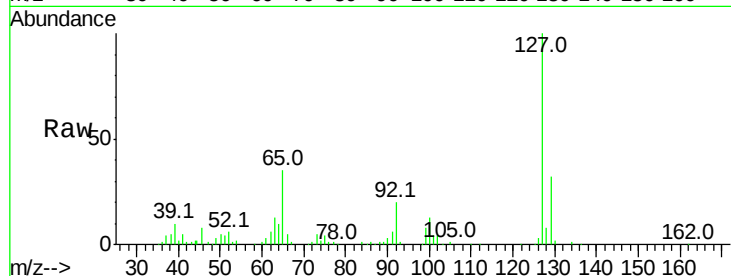




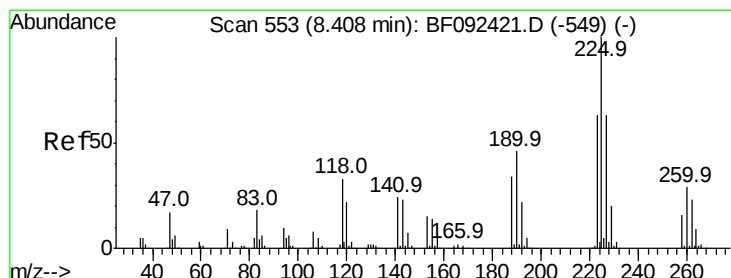
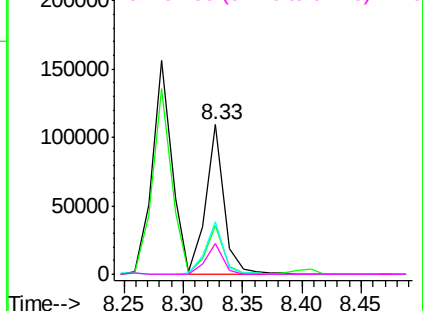
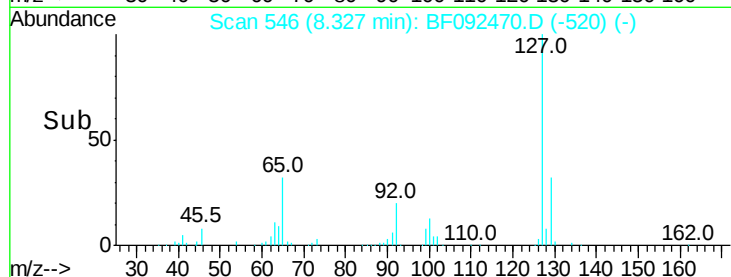
#33
4-Chloroaniline
Concen: 7.11 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF092470.D
Acq: 25 Jan 2017 12:20

Instrument :
BNA_F
ClientSampleId :
PB96126BS

Tot Ion:	127	Resp:	115765
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.3	39.5
65	35.0	25.8	38.8
92	20.4	16.1	24.1

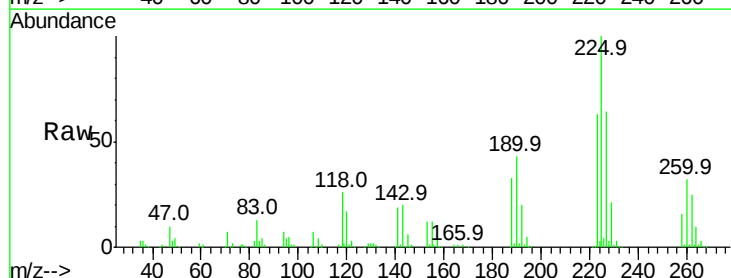


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

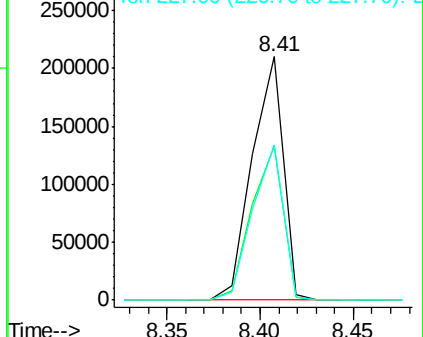
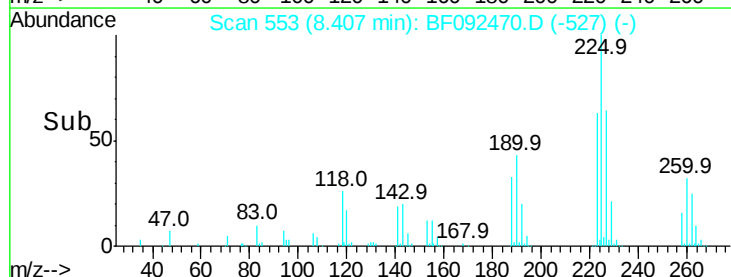


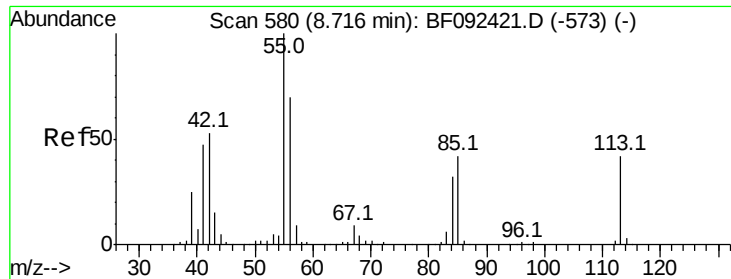
#34
Hexachlorobutadiene
Concen: 37.57 ng
RT: 8.41 min Scan# 553
Delta R.T. -0.00 min
Lab File: BF092470.D
Acq: 25 Jan 2017 12:20

Tgt Ion:	225	Resp:	242055
Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.0	76.6
227	63.5	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

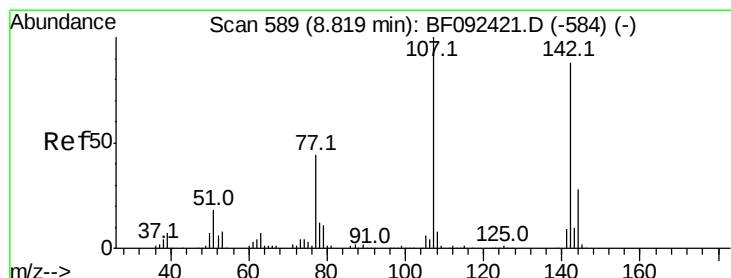
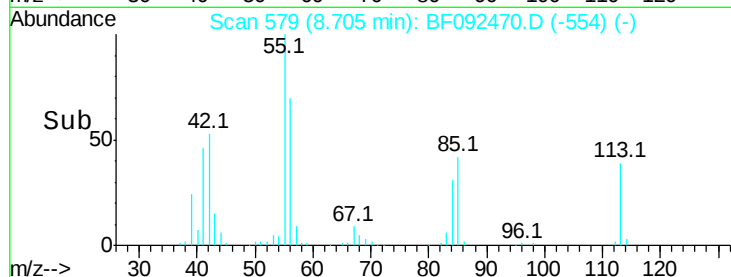
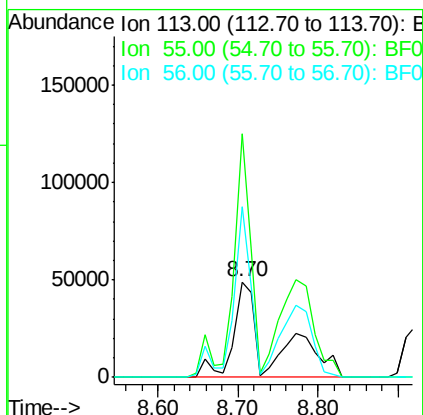
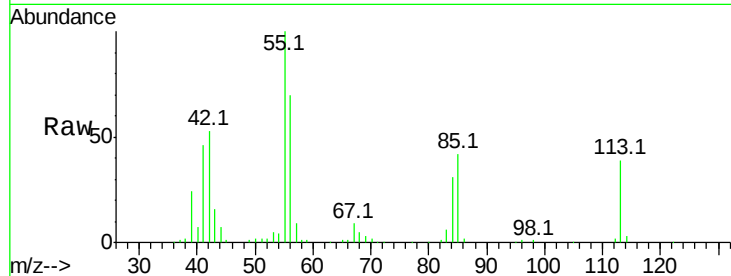




#35
 Caprolactam
 Concen: 43.79 ng/ml
 RT: 8.70 min Scan# 579
 Delta R.T. -0.01 min
 Lab File: BF092470.D
 Acq: 25 Jan 2017 12:20

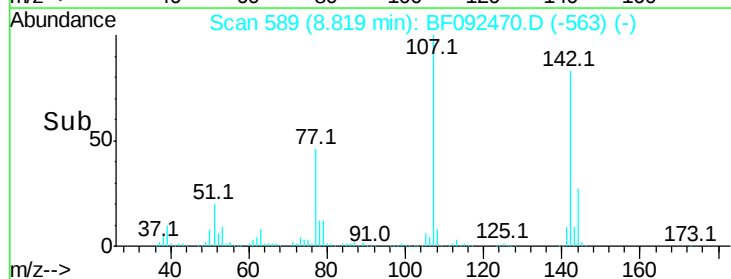
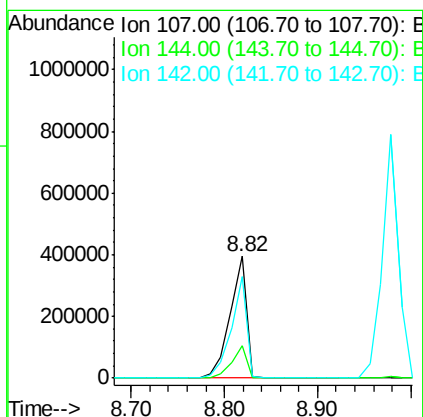
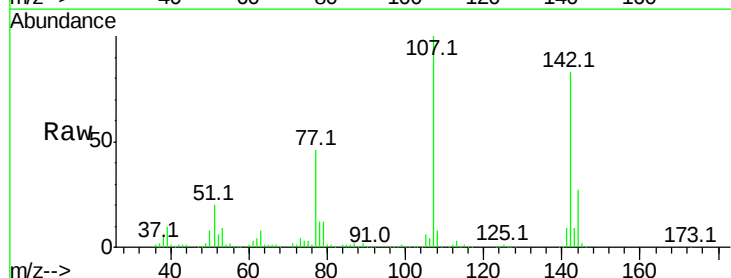
Instrument :
 BNA_F
 ClientSampleID :
 PB96126BS

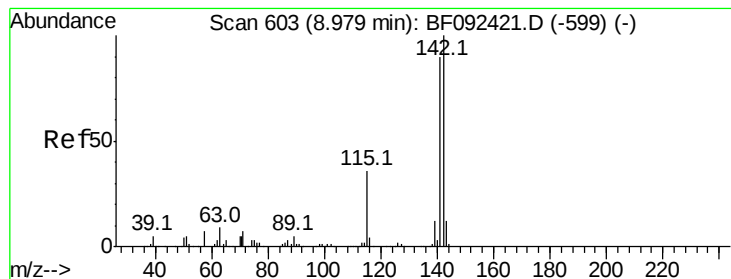
Tot Ion:113 Resp: 159353
 Ion Ratio Lower Upper
 113 100
 55 254.6 119.2 159.2#
 56 178.0 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 42.15 ng/ml
 RT: 8.82 min Scan# 589
 Delta R.T. -0.00 min
 Lab File: BF092470.D
 Acq: 25 Jan 2017 12:20

Tgt Ion:107 Resp: 495407
 Ion Ratio Lower Upper
 107 100
 144 26.9 19.3 28.9
 142 82.8 59.0 88.6

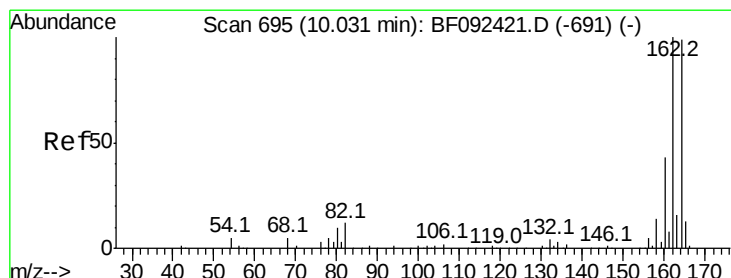
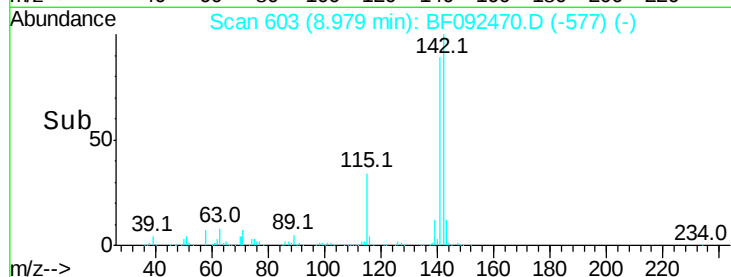
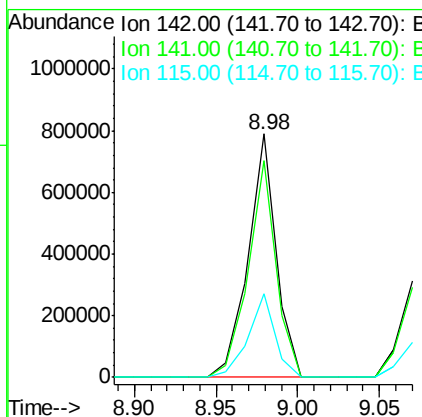
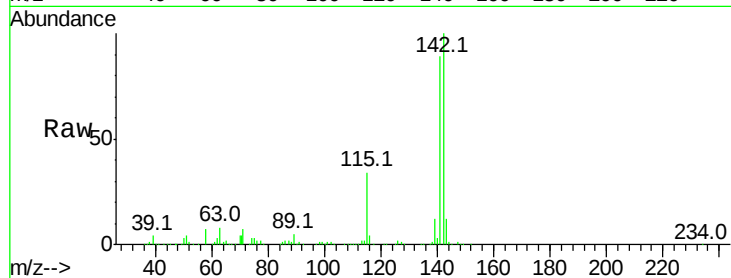




#37
 2-Methylnaphthalene
 Concen: 38.63 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: BF092470.D
 Acq: 25 Jan 2017 12:20

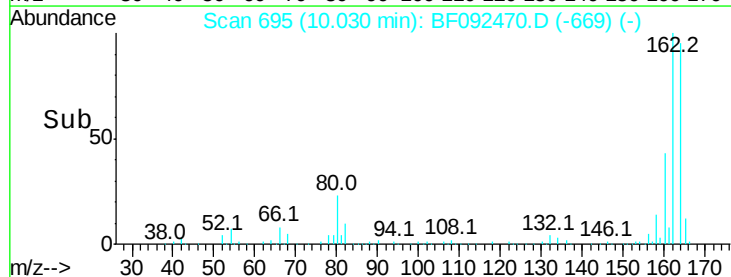
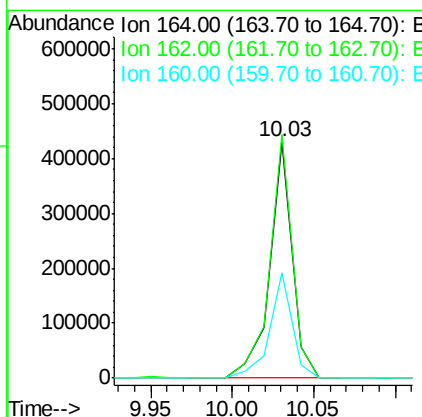
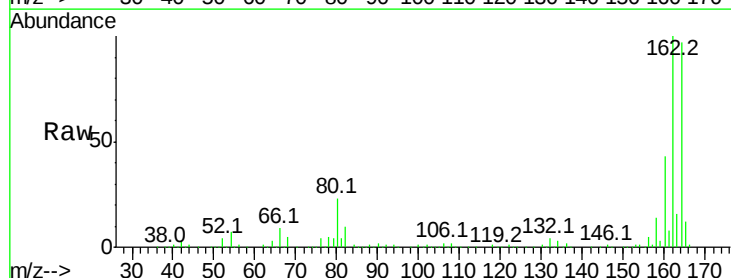
Instrument :
 BNA_F
 ClientSampled :
 PB96126BS

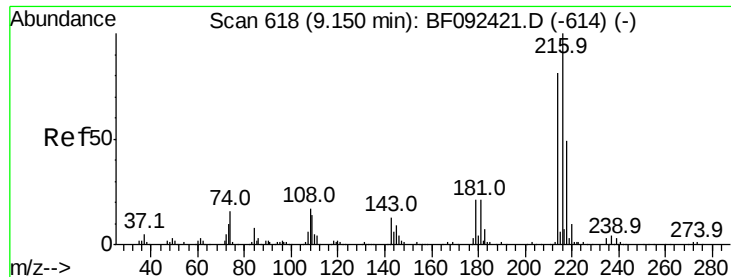
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.0	106.6
115	34.5	28.3	42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.03 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: BF092470.D
 Acq: 25 Jan 2017 12:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	80.2	120.2
160	44.5	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.50 ng

RT: 9.15 min Scan# 618

Delta R.T. -0.00 min

Lab File: BF092470.D

Acq: 25 Jan 2017 12:20

Instrument :

BNA_F

ClientSampleId :

PB96126BS

Tot Ion:216 Resp: 447021

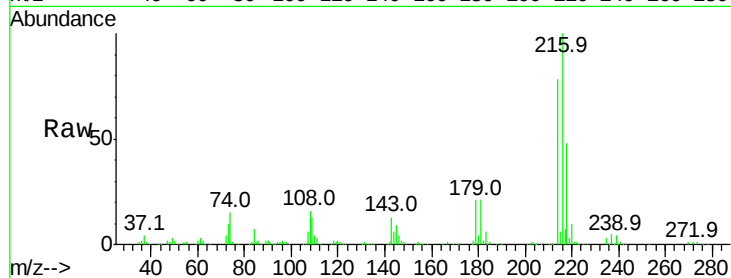
Ion Ratio Lower Upper

216 100

214 78.9 63.4 95.0

179 21.7 17.4 26.2

108 20.7 15.6 23.4

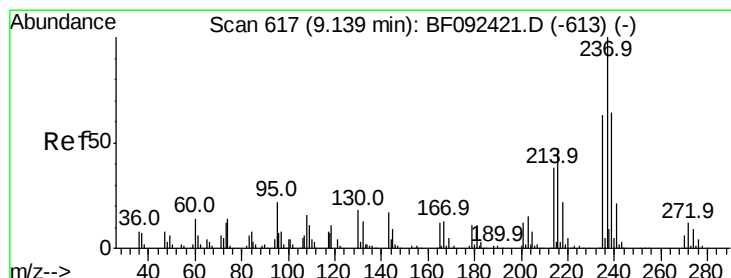
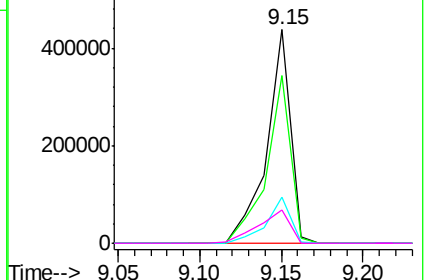
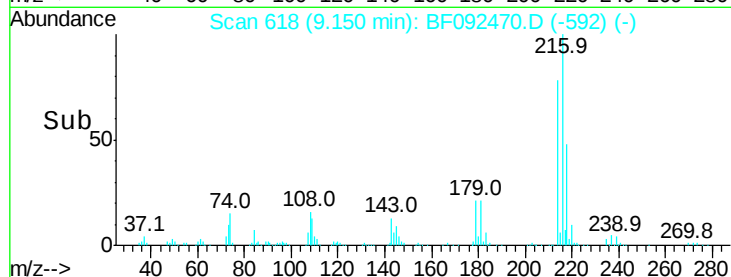


Abundance Ion 216.00 (215.70 to 216.70): E

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: 80.71 ng

RT: 9.14 min Scan# 617

Delta R.T. -0.00 min

Lab File: BF092470.D

Acq: 25 Jan 2017 12:20

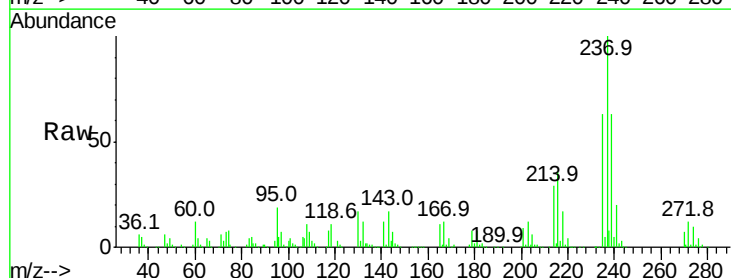
Tgt Ion:237 Resp: 425137

Ion Ratio Lower Upper

237 100

235 63.5 41.2 81.2

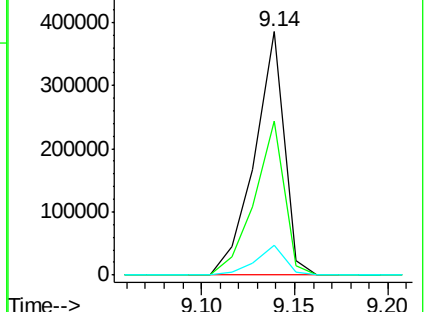
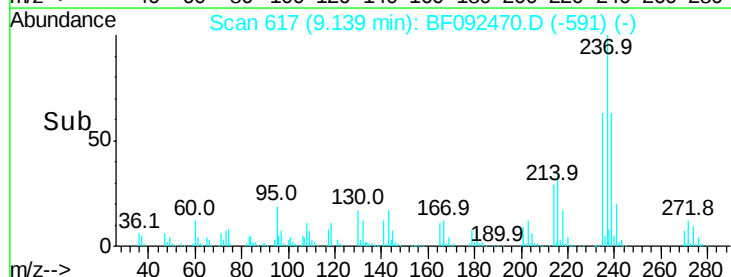
272 12.4 0.0 35.4

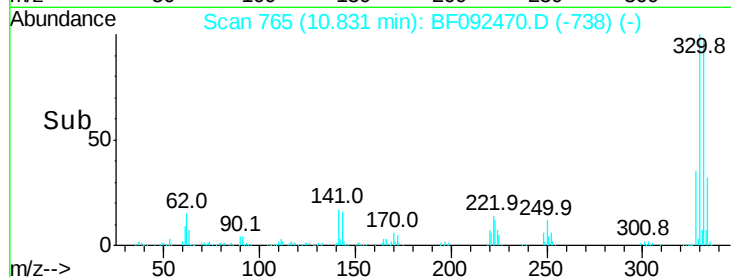
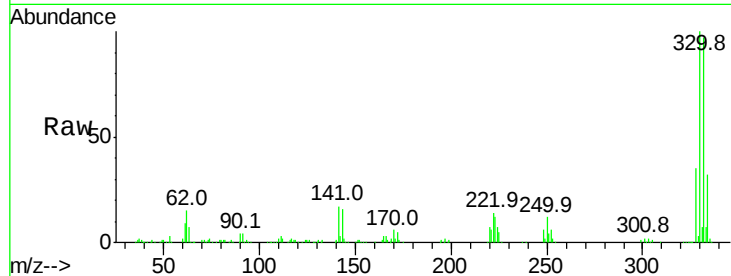
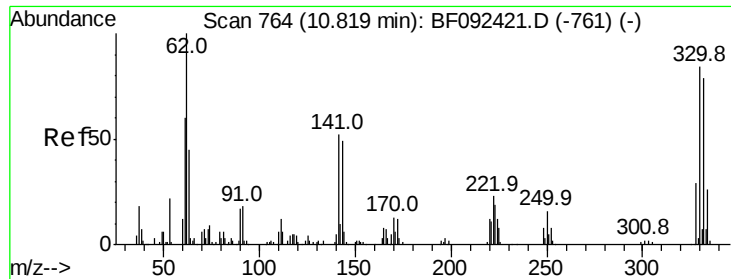


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

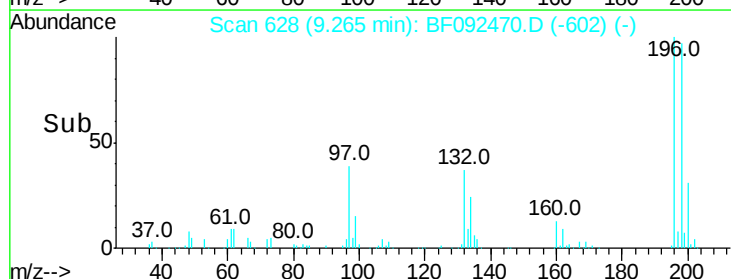
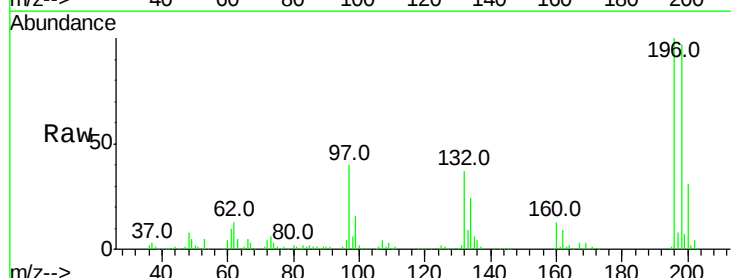
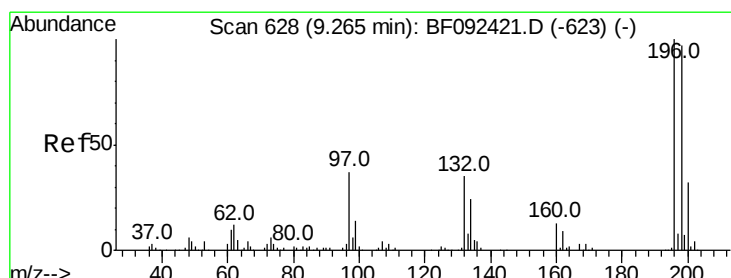
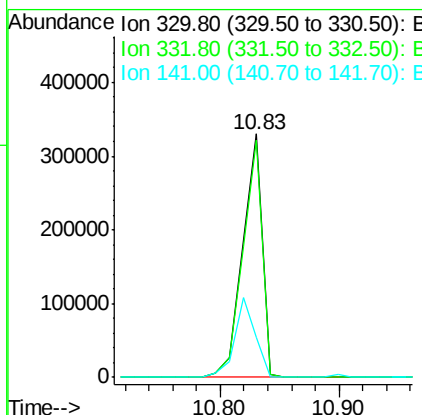




#41
 2,4,6-Tribromophenol
 Concen: 133.98 ng
 RT: 10.83 min Scan# 765
 Delta R.T. 0.01 min
 Lab File: BF092470.D
 Acq: 25 Jan 2017 12:20

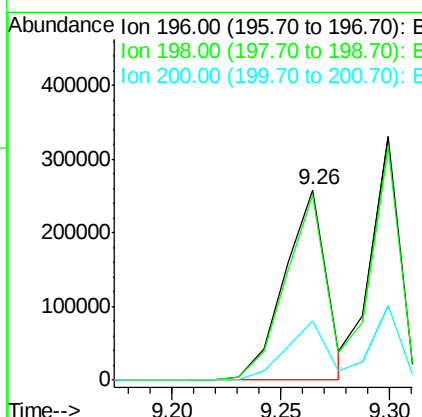
Instrument :
 BNA_F
 ClientSampleId :
 PB96126BS

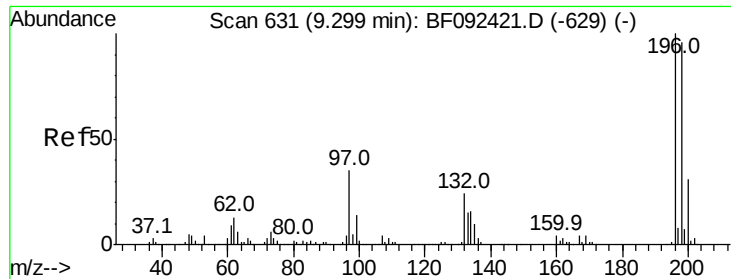
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.4	116.2
141	34.2	34.1	51.1



#42
 2,4,6-Trichlorophenol
 Concen: 42.86 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.00 min
 Lab File: BF092470.D
 Acq: 25 Jan 2017 12:20

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.3	82.1	123.1
200	30.9	27.0	40.4

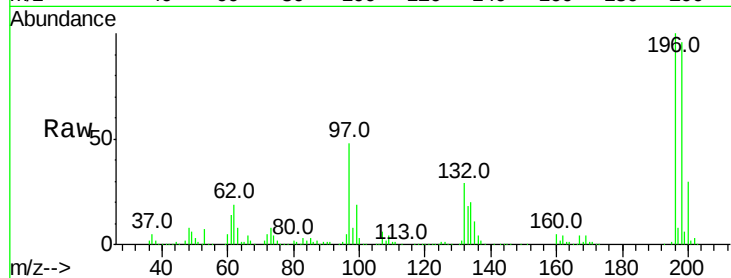




#43
 2,4,5-Trichlorophenol
 Concen: 41.40 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF092470.D
 Acq: 25 Jan 2017 12:20

Instrument :
 BNA_F
 ClientSampleId :
 PB96126BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.9	79.4	119.2
97	48.2	51.5	77.3#
132	28.9	27.4	41.2



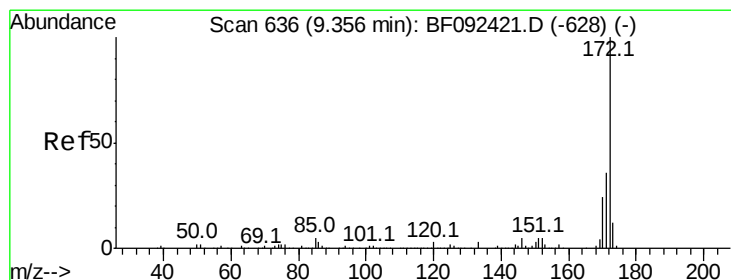
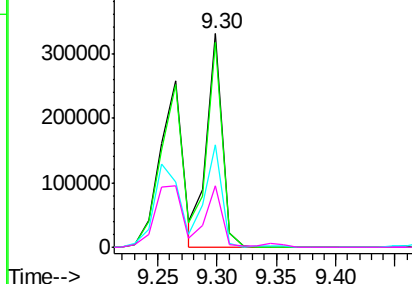
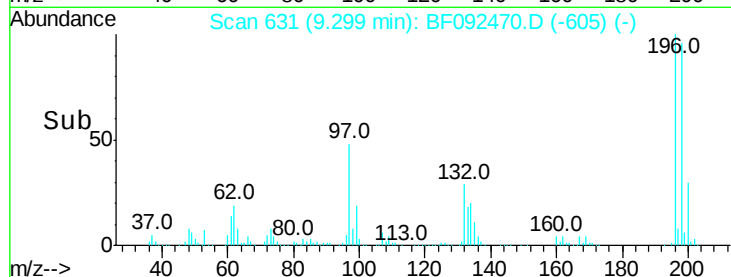
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

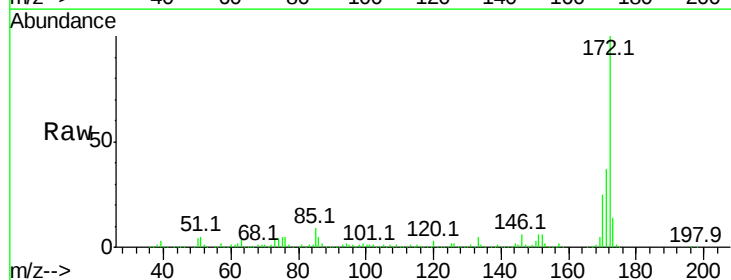
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 84.24 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092470.D
 Acq: 25 Jan 2017 12:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.0
170	24.7	20.2	30.4

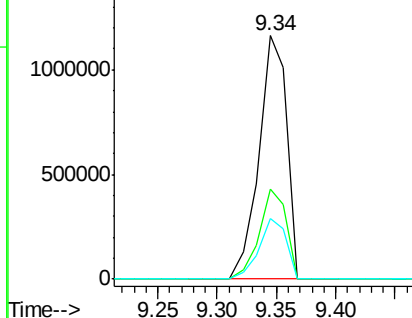
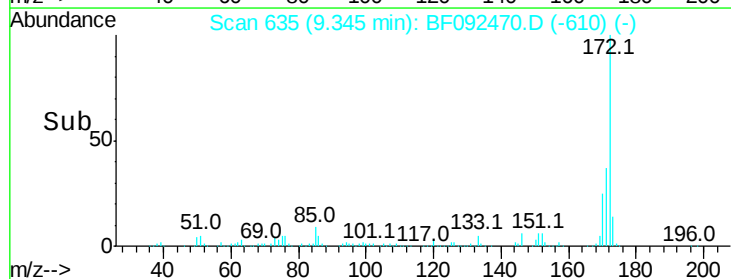


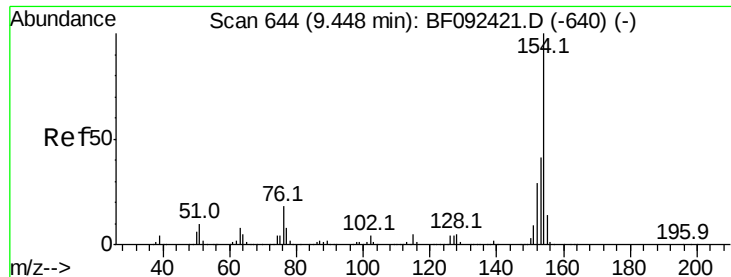
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 37.05 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.00 min

Lab File: BF092470.D

Acq: 25 Jan 2017 12:20

Instrument :

BNA_F

ClientSampleId :

PB96126BS

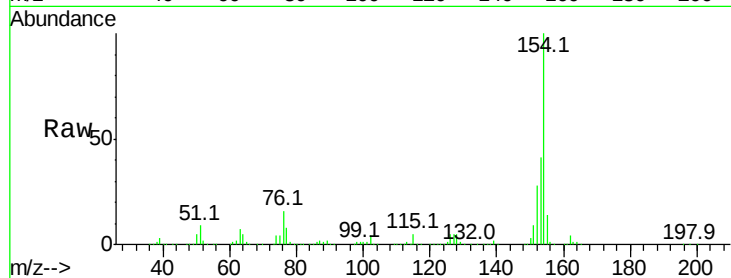
Tot Ion:154 Resp: 1116807

Ion Ratio Lower Upper

154 100

153 40.8 20.9 60.9

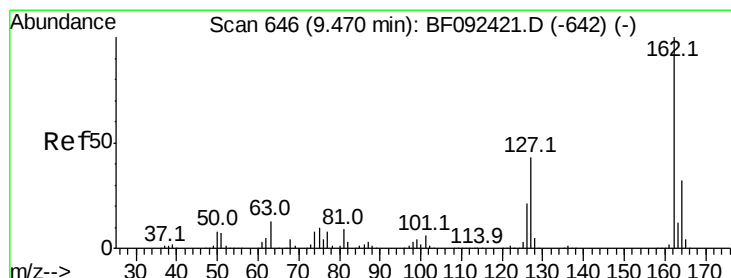
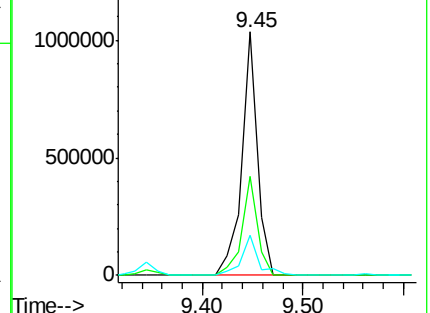
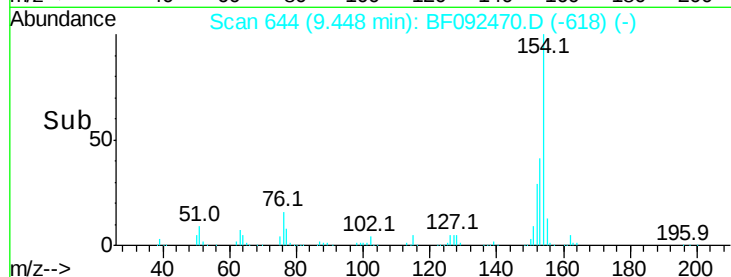
76 16.2 0.0 30.5



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: 36.41 ng

RT: 9.47 min Scan# 646

Delta R.T. -0.00 min

Lab File: BF092470.D

Acq: 25 Jan 2017 12:20

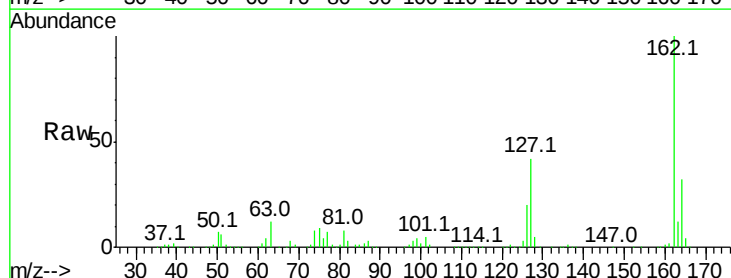
Tgt Ion:162 Resp: 896497

Ion Ratio Lower Upper

162 100

127 42.0 30.7 46.1

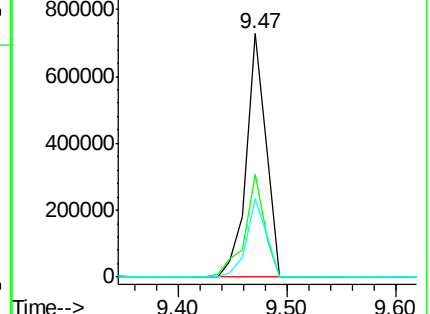
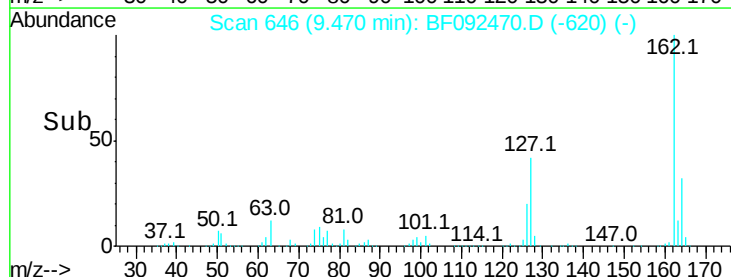
164 32.3 27.6 41.4

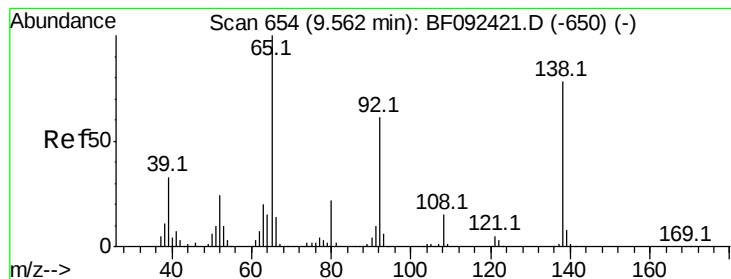


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 36.35 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF092470.D

Acq: 25 Jan 2017 12:20

Instrument :

BNA_F

ClientSampleId :

PB96126BS

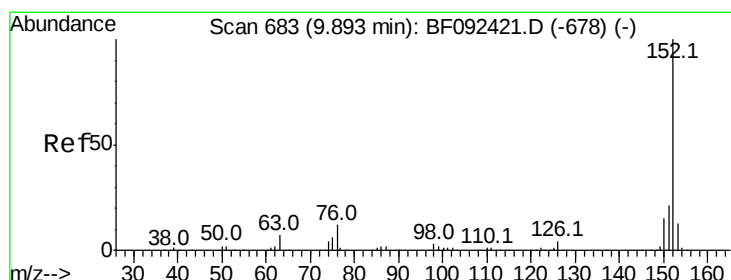
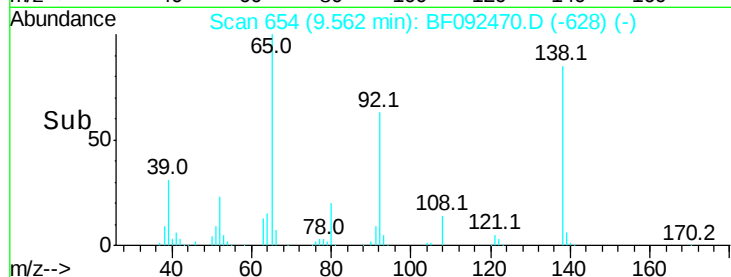
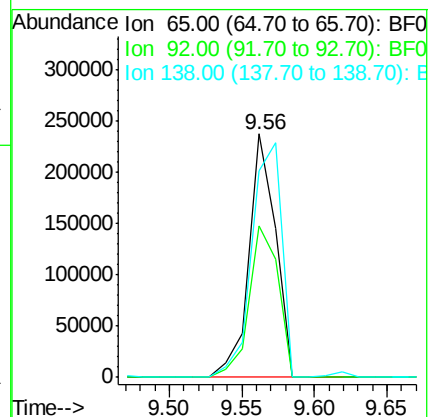
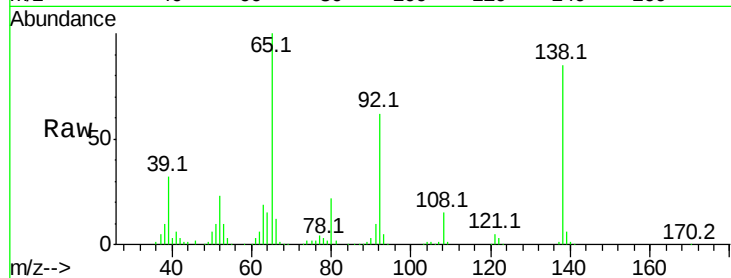
Tot Ion: 65 Resp: 301366

Ion Ratio Lower Upper

65 100

92 62.2 53.9 80.9

138 84.7 76.8 115.2



#48

Acenaphthylene

Concen: 41.04 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF092470.D

Acq: 25 Jan 2017 12:20

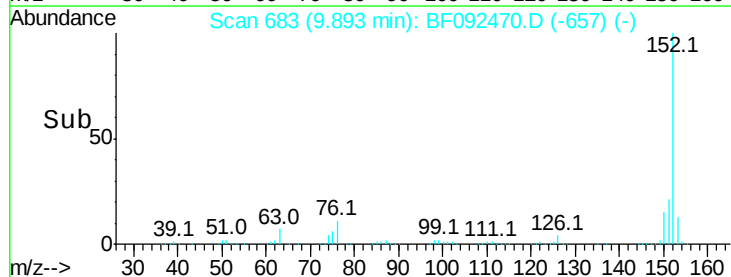
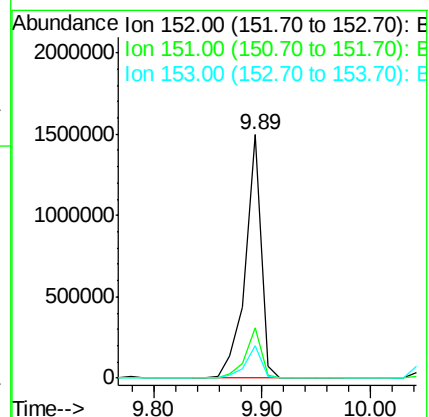
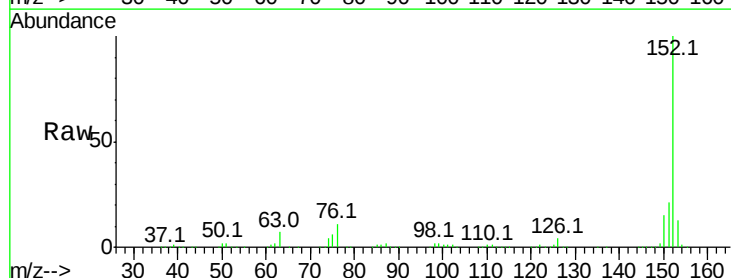
Tgt Ion: 152 Resp: 1481910

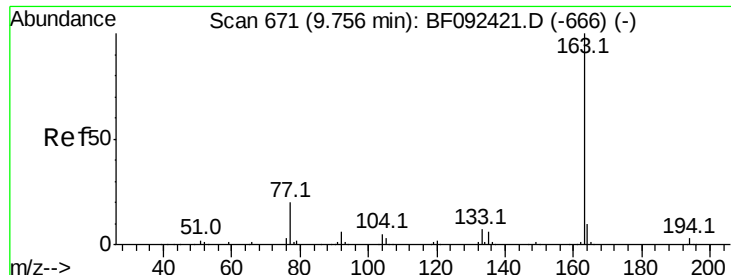
Ion Ratio Lower Upper

152 100

151 20.6 16.9 25.3

153 13.3 11.4 17.2

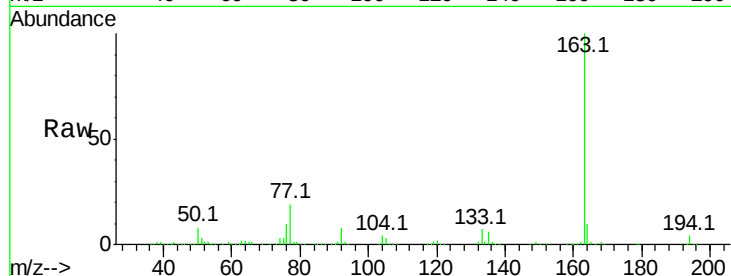




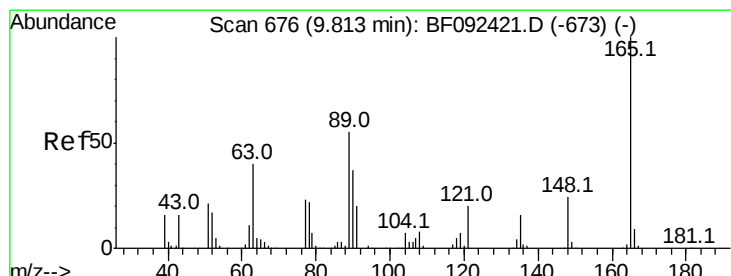
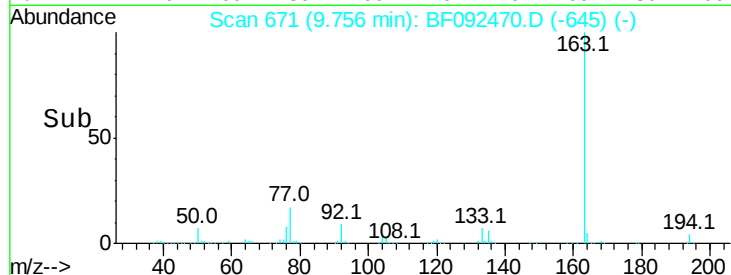
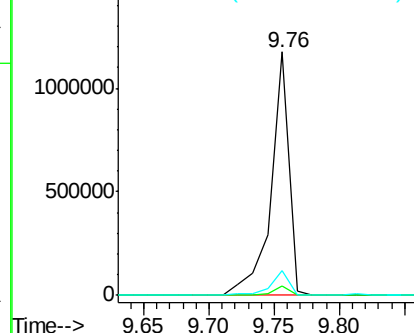
#49
Dimethylphthalate
Concen: 42.55 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF092470.D
Acq: 25 Jan 2017 12:20

Instrument :
BNA_F
ClientSampleId :
PB96126BS

Tot Ion:163 Resp: 1128397
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.2 8.0 12.0

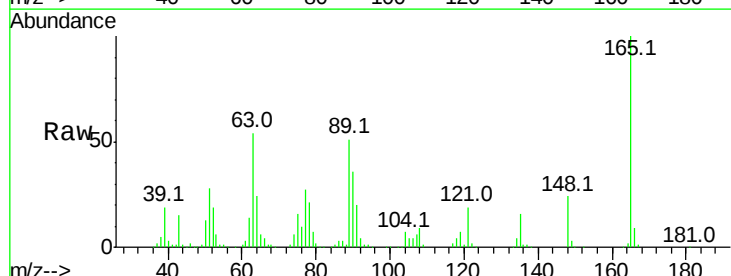


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

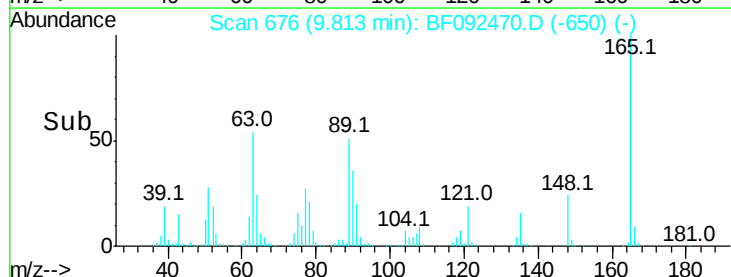
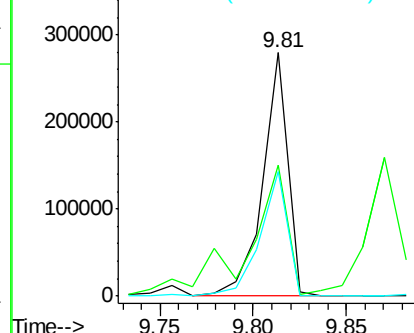


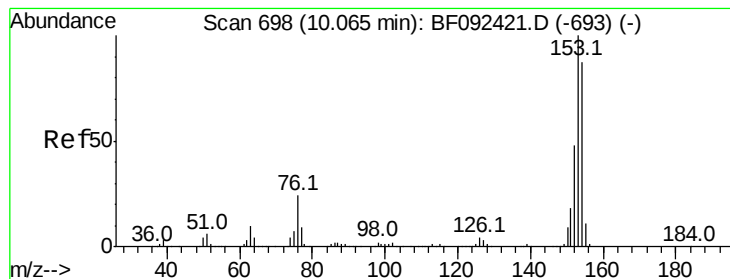
#50
2,6-Dinitrotoluene
Concen: 47.48 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.00 min
Lab File: BF092470.D
Acq: 25 Jan 2017 12:20

Tgt Ion:165 Resp: 257368
Ion Ratio Lower Upper
165 100
63 53.6 36.2 54.4
89 51.2 40.2 60.4



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





#51

Acenaphthene

Concen: 42.82 ng

RT: 10.06 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF092470.D

Acq: 25 Jan 2017 12:20

Instrument :

BNA_F

ClientSampleId :

PB96126BS

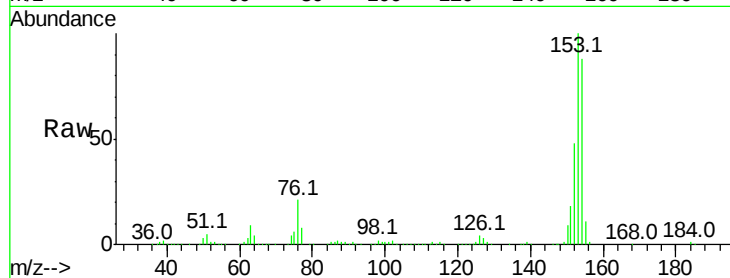
Tot Ion:154 Resp: 960771

Ion Ratio Lower Upper

154 100

153 114.2 88.6 133.0

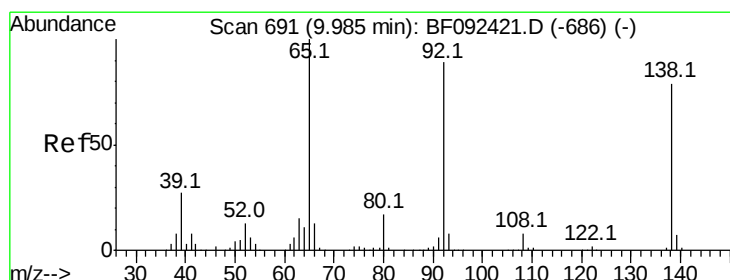
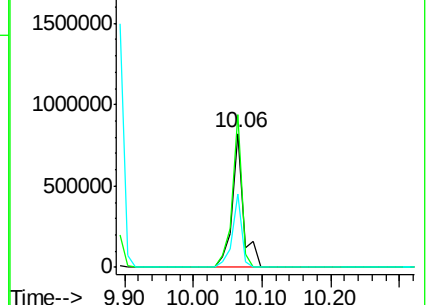
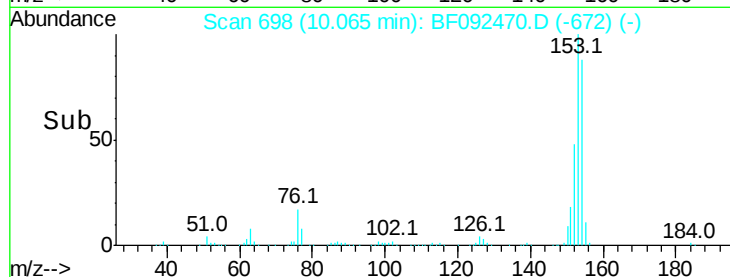
152 55.1 41.6 62.4



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: 13.65 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF092470.D

Acq: 25 Jan 2017 12:20

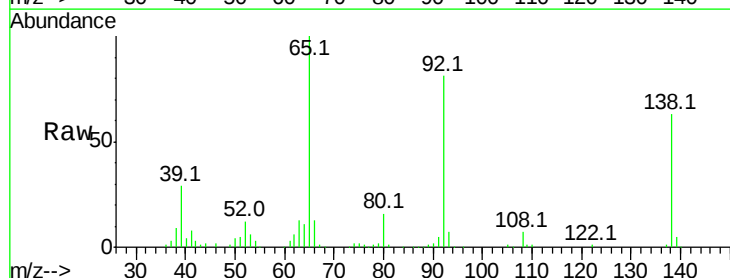
Tgt Ion:138 Resp: 92630

Ion Ratio Lower Upper

138 100

108 11.7 8.5 12.7

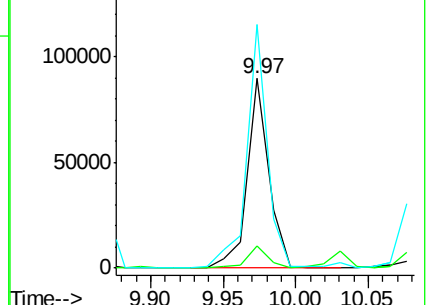
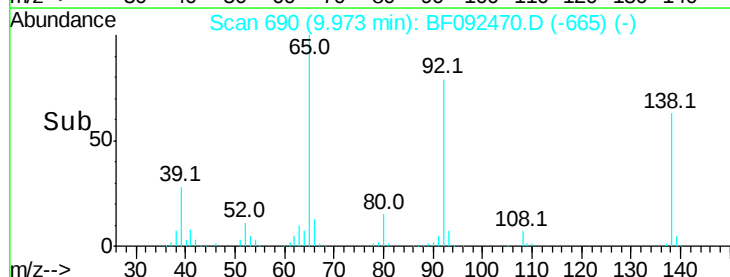
92 128.5 97.8 146.8

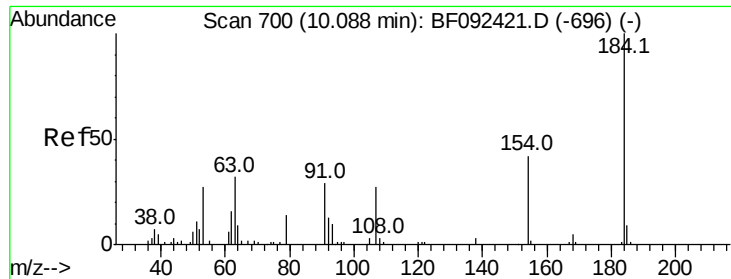


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

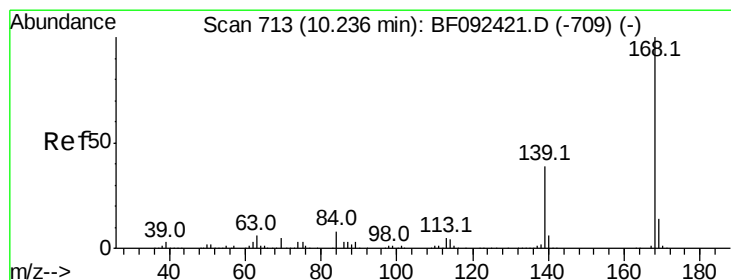
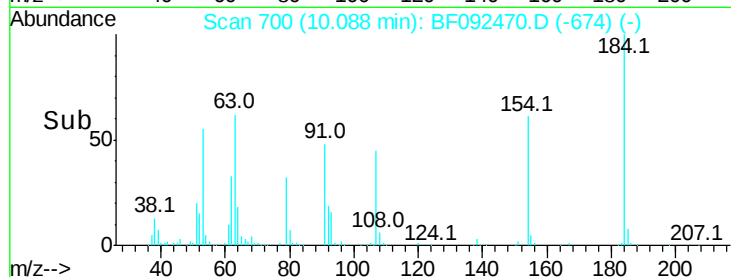
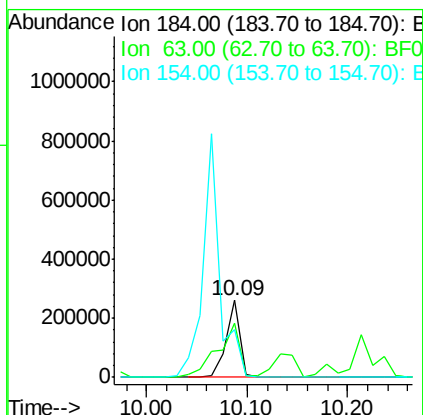
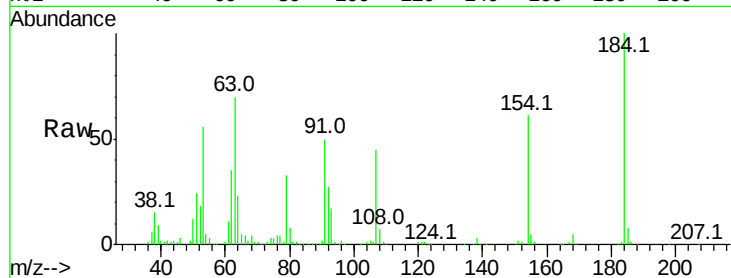




#53
 2,4-Dinitrophenol
 Concen: 73.14 ng
 RT: 10.09 min Scan# 700
 Delta R.T. 0.00 min
 Lab File: BF092470.D
 Acq: 25 Jan 2017 12:20

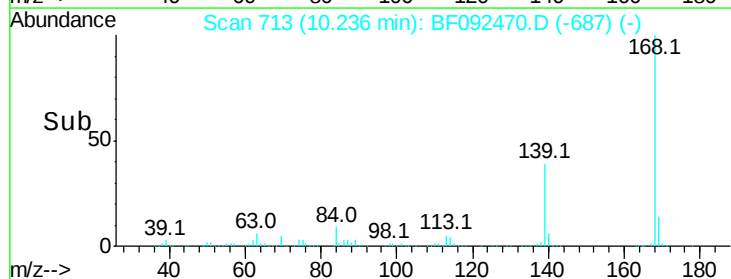
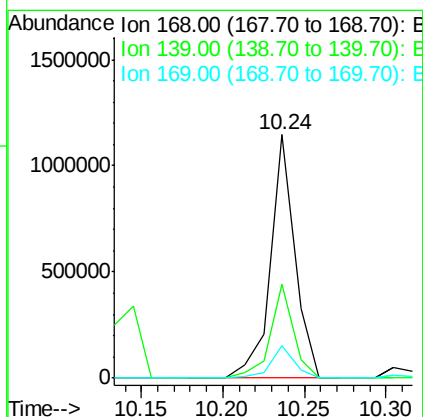
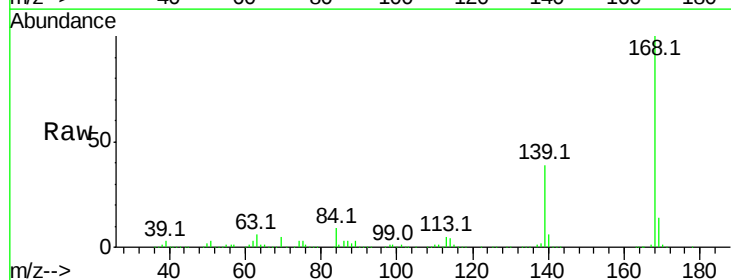
Instrument :
 BNA_F
 ClientSampleId :
 PB96126BS

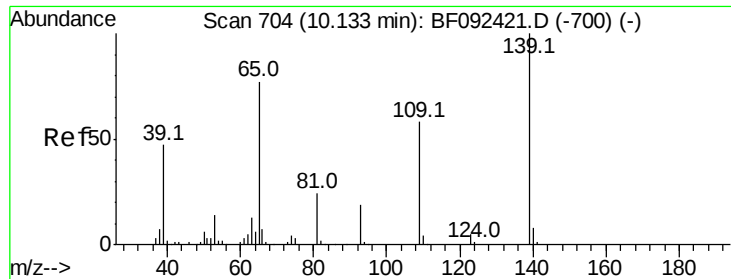
Tot Ion:184 Resp: 249134
 Ion Ratio Lower Upper
 184 100
 63 69.7 28.4 42.6#
 154 61.4 44.3 66.5



#54
 Dibenzofuran
 Concen: 39.27 ng
 RT: 10.24 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: BF092470.D
 Acq: 25 Jan 2017 12:20

Tgt Ion:168 Resp: 1196541
 Ion Ratio Lower Upper
 168 100
 139 38.7 32.6 49.0
 169 13.6 11.3 16.9

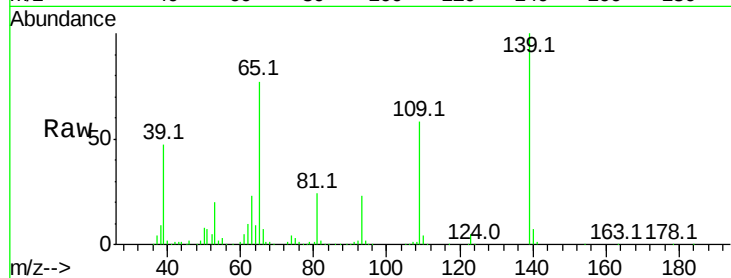




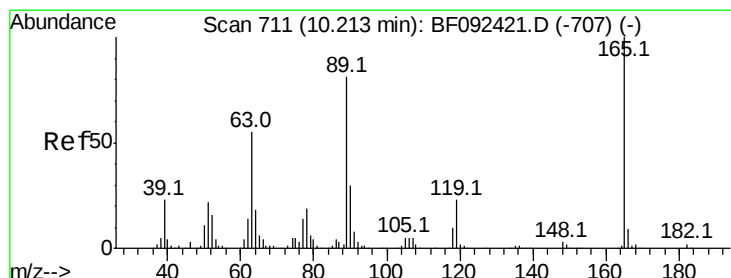
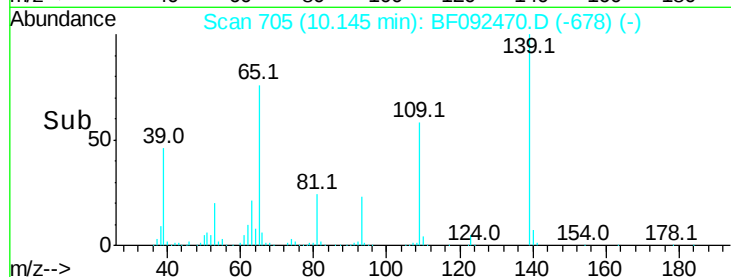
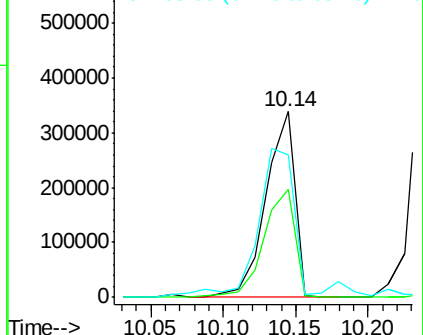
#55
4-Nitrophenol
Concen: 86.63 ng
RT: 10.14 min Scan# 705
Delta R.T. 0.01 min
Lab File: BF092470.D
Acq: 25 Jan 2017 12:20

Instrument :
BNA_F
ClientSampleId :
PB96126BS

Tot Ion:139 Resp: 467020
Ion Ratio Lower Upper
139 100
109 57.9 52.2 92.2
65 76.5 85.8 125.8#

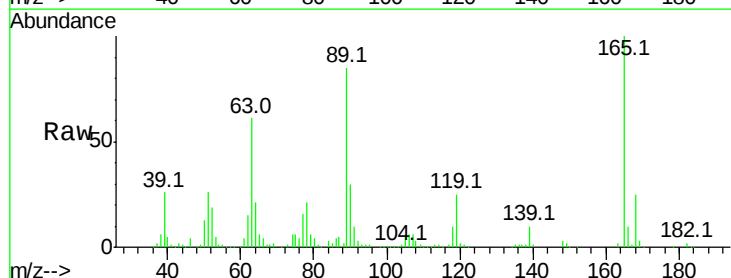


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

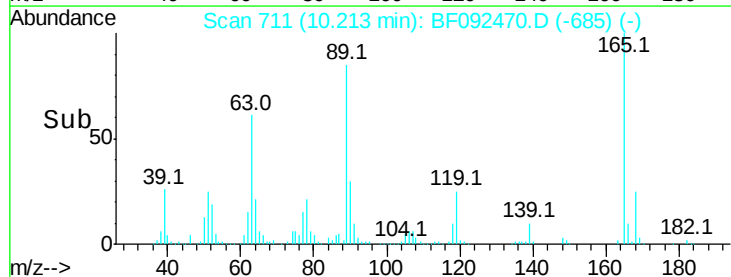
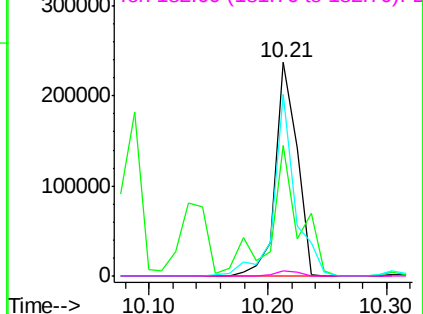


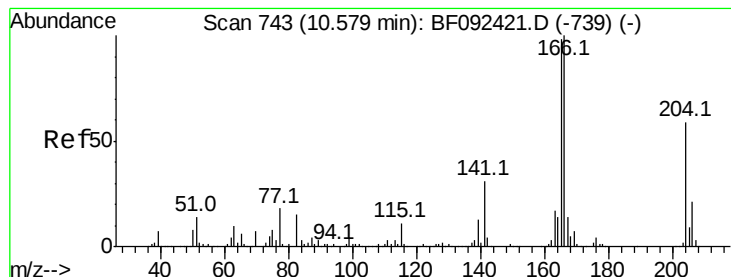
#56
2,4-Dinitrotoluene
Concen: 41.45 ng
RT: 10.21 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF092470.D
Acq: 25 Jan 2017 12:20

Tgt Ion:165 Resp: 298218
Ion Ratio Lower Upper
165 100
63 61.3 40.2 60.4#
89 84.9 62.5 93.7
182 2.1 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: 37.74 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF092470.D

Acq: 25 Jan 2017 12:20

Instrument :

BNA_F

ClientSampleId :

PB96126BS

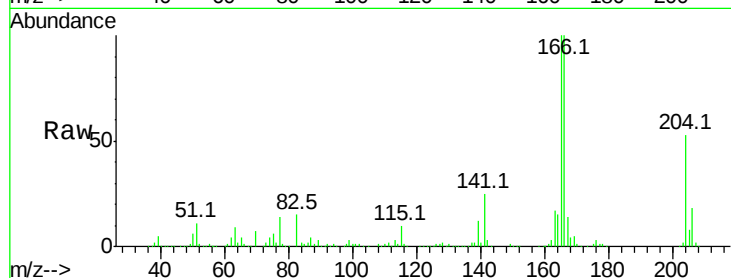
Tot Ion:166 Resp: 852552

Ion Ratio Lower Upper

166 100

165 99.8 77.8 116.8

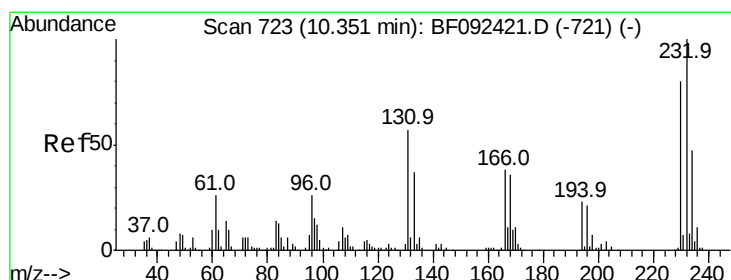
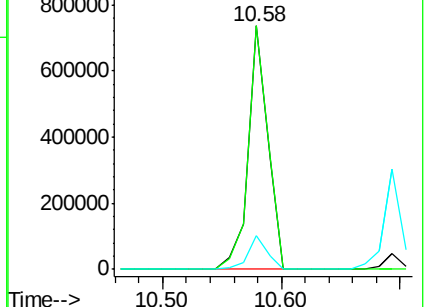
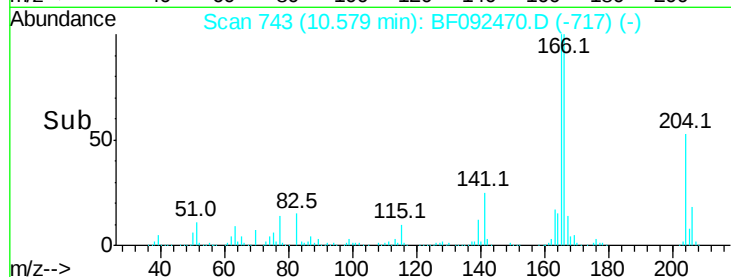
167 13.9 10.8 16.2



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: 43.30 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF092470.D

Acq: 25 Jan 2017 12:20

Tgt Ion:232 Resp: 239217

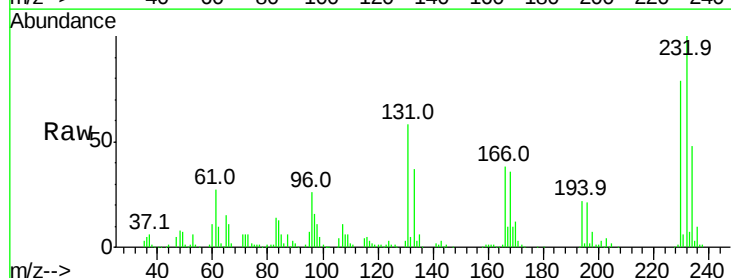
Ion Ratio Lower Upper

232 100

131 50.1 40.1 60.1

130 2.4 1.8 2.8

166 33.3 26.6 39.8

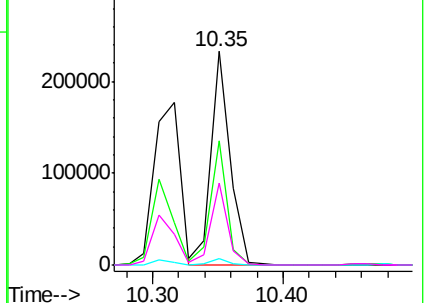
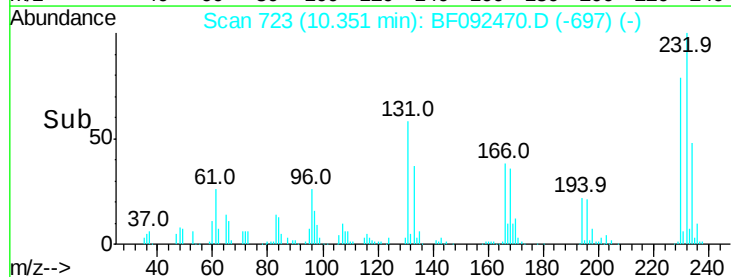


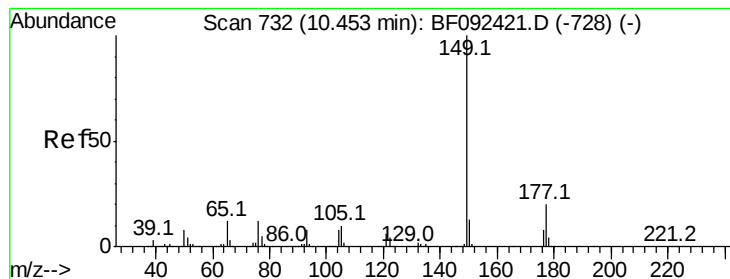
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 40.88 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF092470.D

Acq: 25 Jan 2017 12:20

Instrument :

BNA_F

ClientSampleId :

PB96126BS

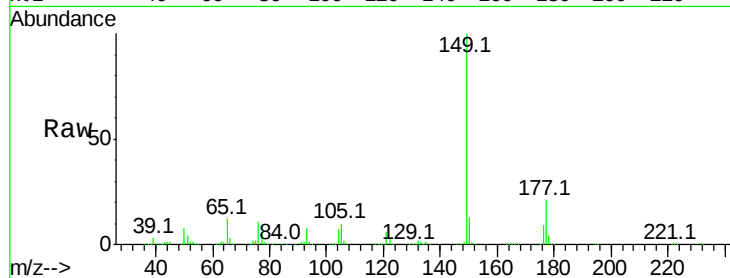
Tot Ion:149 Resp: 1039529

Ion Ratio Lower Upper

149 100

177 21.1 16.6 25.0

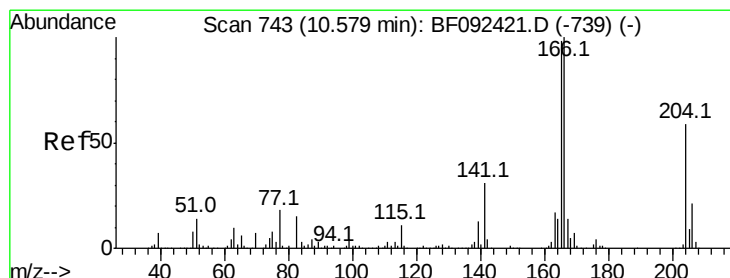
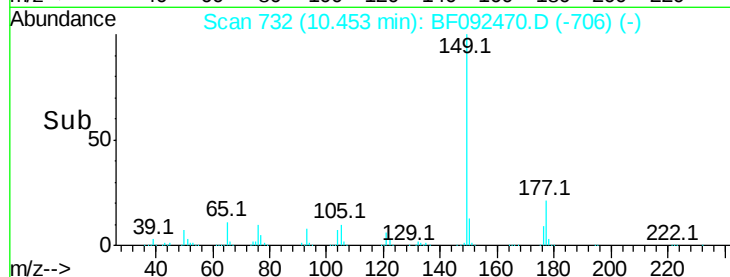
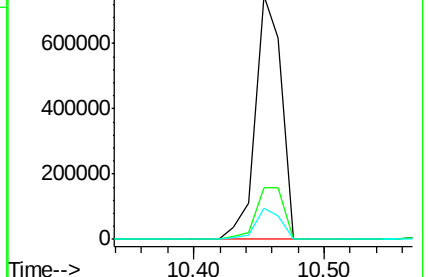
150 12.7 10.4 15.6



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: 40.64 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF092470.D

Acq: 25 Jan 2017 12:20

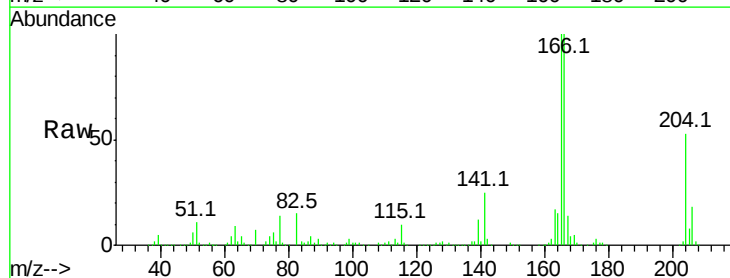
Tgt Ion:204 Resp: 445258

Ion Ratio Lower Upper

204 100

206 34.2 25.8 38.6

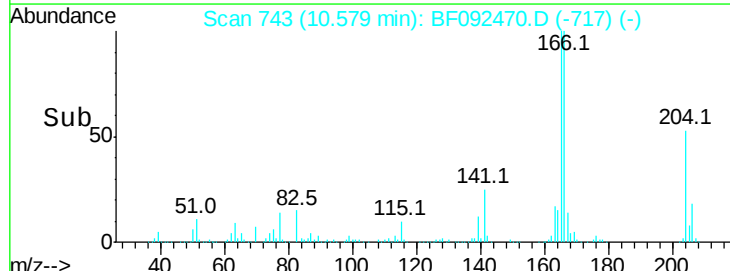
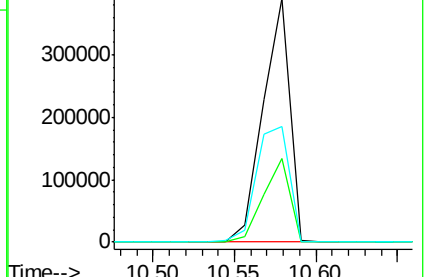
141 47.4 59.4 89.0#

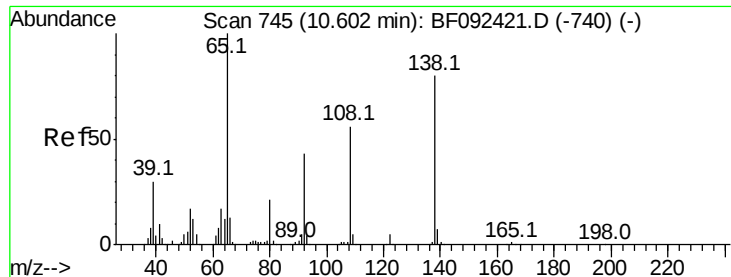


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 35.97 ng

RT: 10.60 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF092470.D

Acq: 25 Jan 2017 12:20

Instrument :

BNA_F

ClientSampleId :

PB96126BS

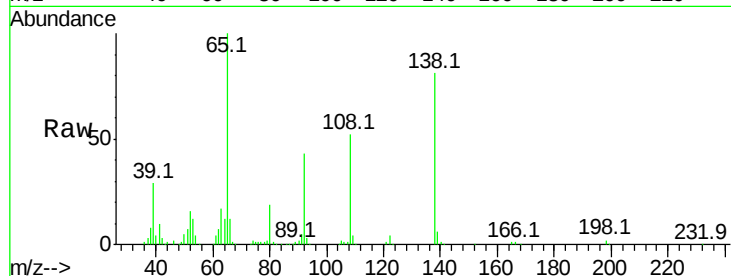
Tot Ion:138 Resp: 244176

Ion Ratio Lower Upper

138 100

92 52.7 31.7 71.7

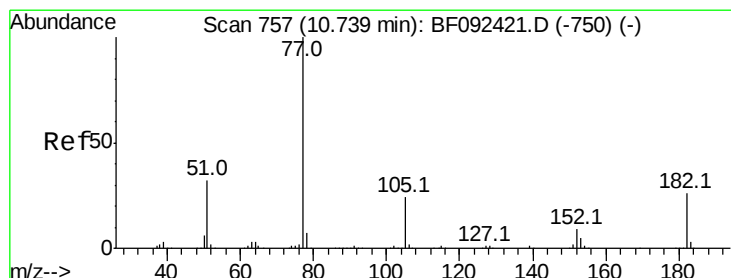
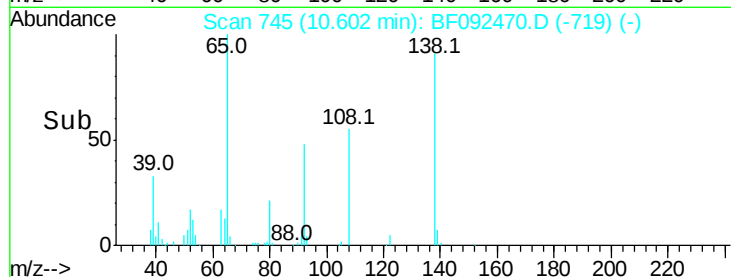
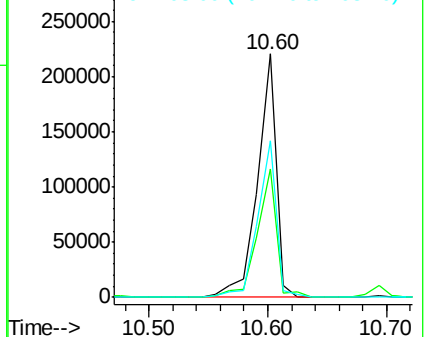
108 64.6 52.6 92.6



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: 43.30 ng

RT: 10.74 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF092470.D

Acq: 25 Jan 2017 12:20

Tgt Ion: 77 Resp: 1252970

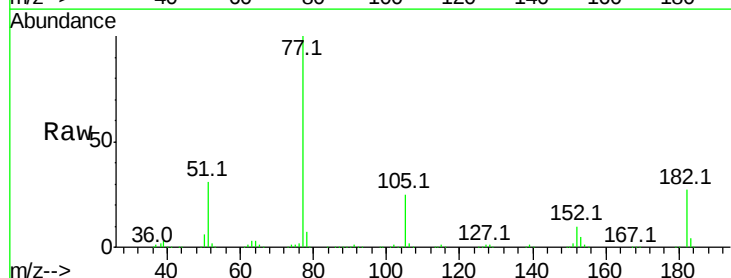
Ion Ratio Lower Upper

77 100

182 26.9 0.0 39.3

105 24.9 2.3 42.3

51 31.1 8.9 48.9

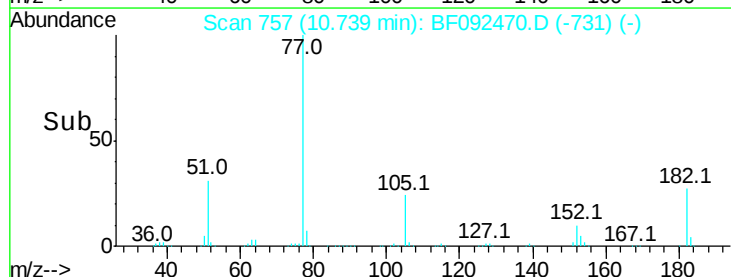
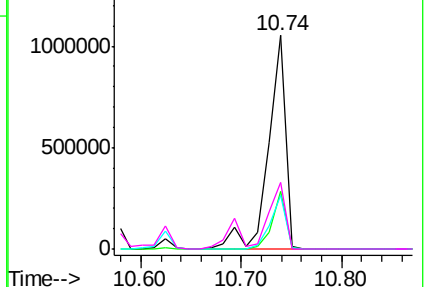


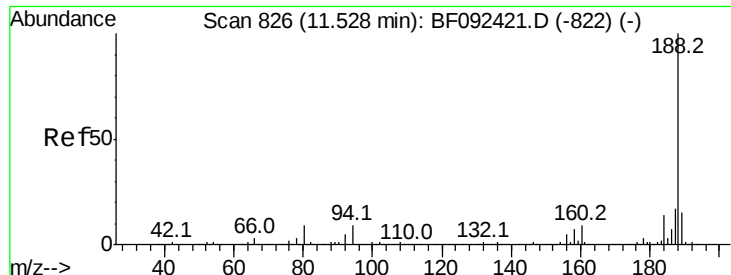
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

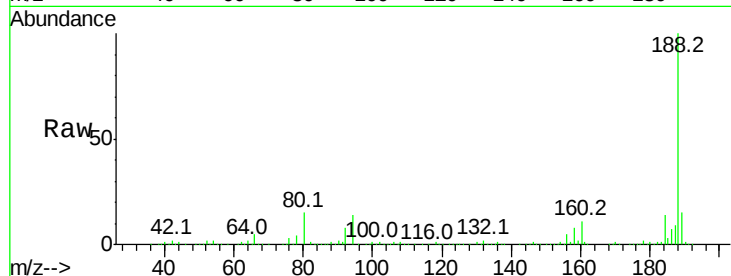




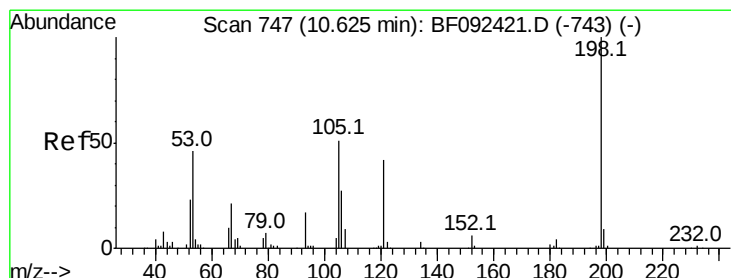
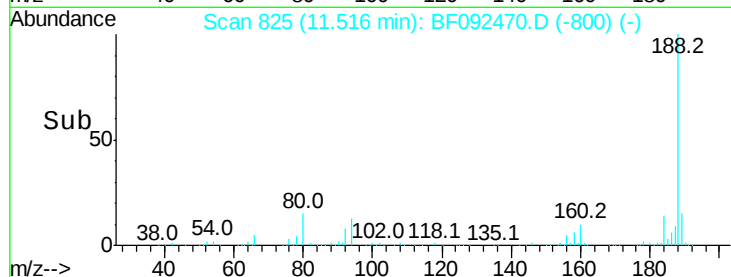
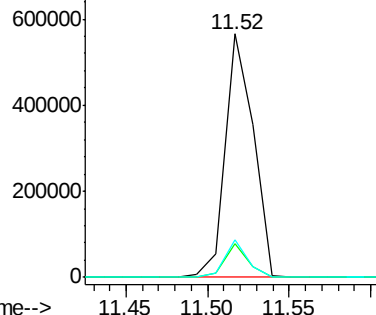
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092470.D
Acq: 25 Jan 2017 12:20

Instrument :
BNA_F
ClientSampleId :
PB96126BS

Tot Ion:188 Resp: 677279
Ion Ratio Lower Upper
188 100
94 13.9 10.0 15.0
80 15.2 11.2 16.8

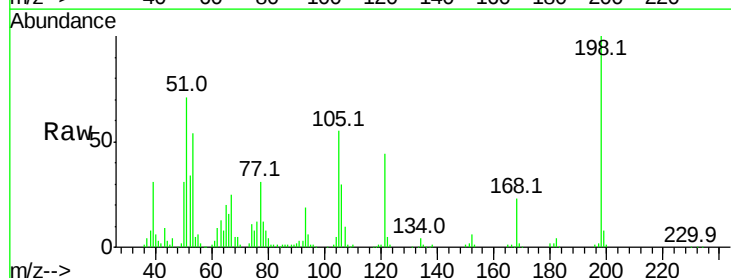


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

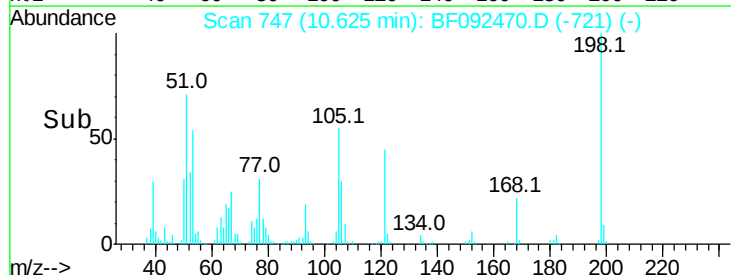
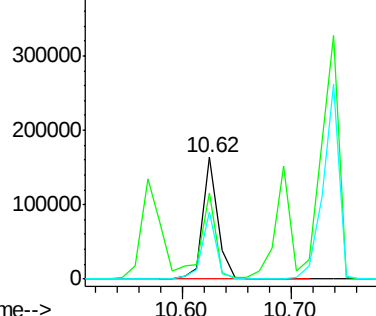


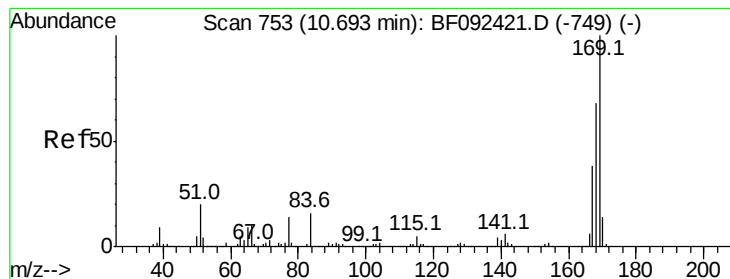
#64
4,6-Dinitro-2-methylphenol
Concen: 42.65 ng
RT: 10.62 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF092470.D
Acq: 25 Jan 2017 12:20

Tgt Ion:198 Resp: 153432
Ion Ratio Lower Upper
198 100
51 71.3 6.7 46.7#
105 54.8 16.6 56.6



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





#65

n-Nitrosodiphenylamine

Concen: 37.96 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF092470.D

Acq: 25 Jan 2017 12:20

Instrument :

BNA_F

ClientSampleId :

PB96126BS

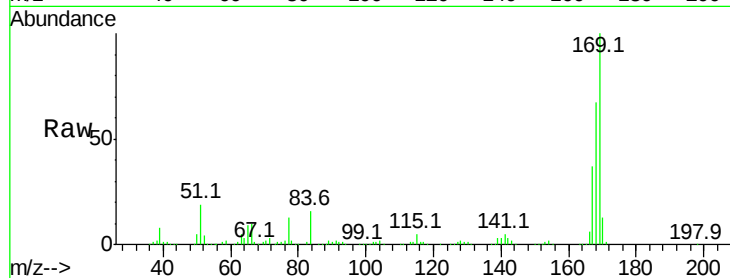
Tot Ion:169 Resp: 802977

Ion Ratio Lower Upper

169 100

168 67.4 54.2 81.2

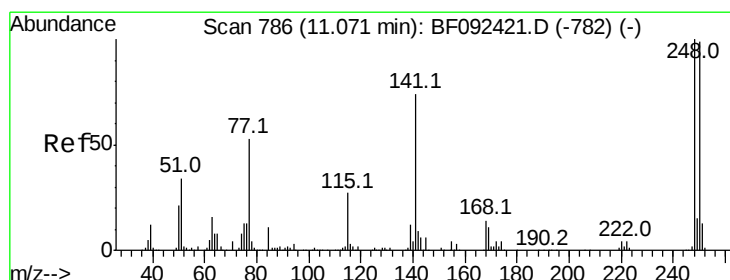
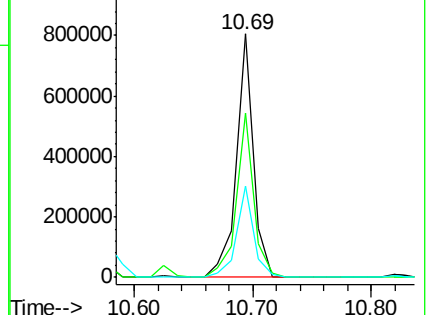
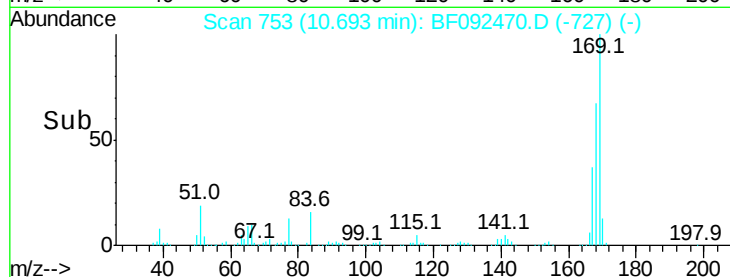
167 37.5 30.2 45.4



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: 40.44 ng

RT: 11.07 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF092470.D

Acq: 25 Jan 2017 12:20

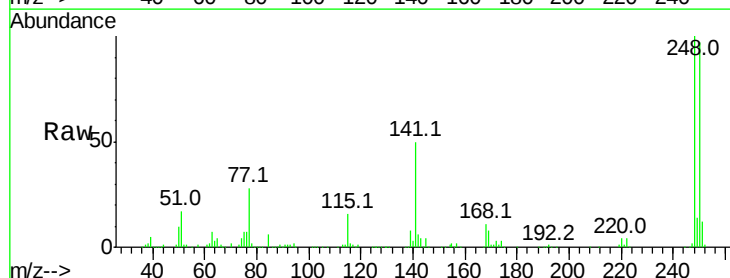
Tgt Ion:248 Resp: 276570

Ion Ratio Lower Upper

248 100

250 97.2 76.9 115.3

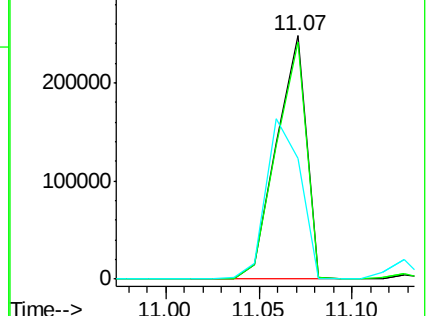
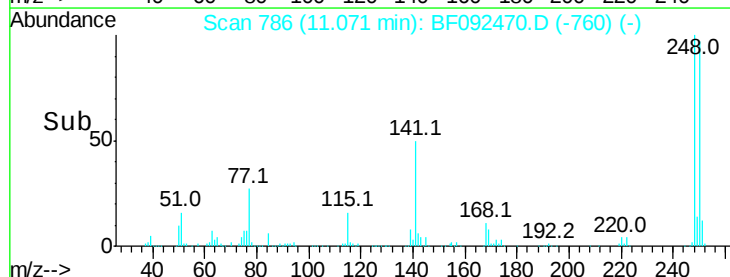
141 49.5 68.2 102.4#

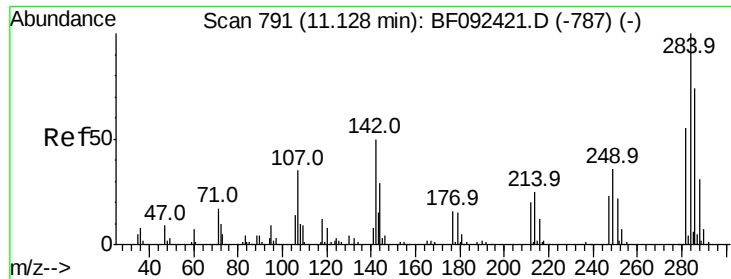


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 36.43 ng

RT: 11.13 min Scan# 791

Delta R.T. -0.00 min

Lab File: BF092470.D

Acq: 25 Jan 2017 12:20

Instrument :

BNA_F

ClientSampleId :

PB96126BS

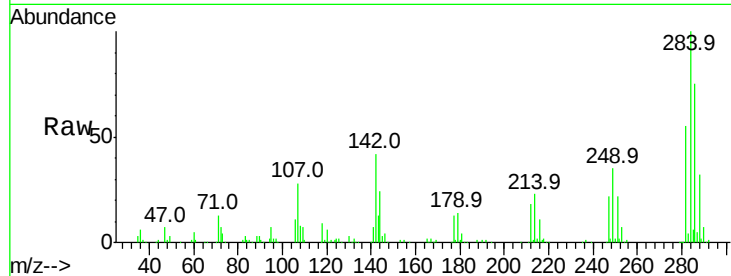
Tot Ion:284 Resp: 251796

Ion Ratio Lower Upper

284 100

142 42.0 22.6 33.8#

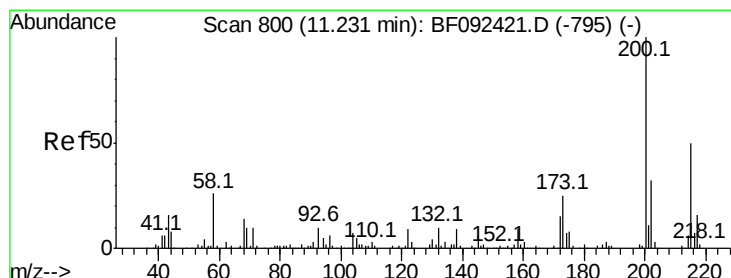
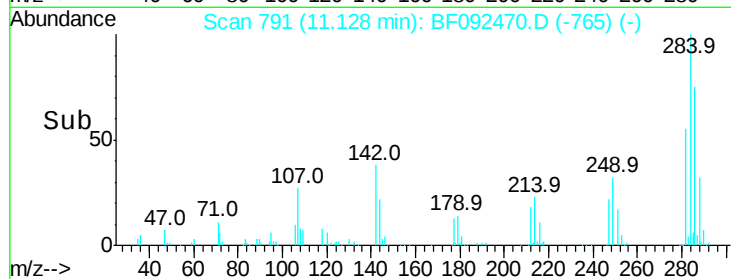
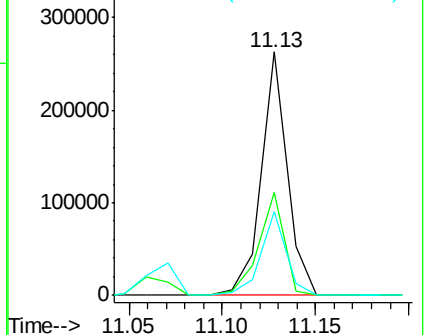
249 34.6 25.4 38.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 37.19 ng

RT: 11.22 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF092470.D

Acq: 25 Jan 2017 12:20

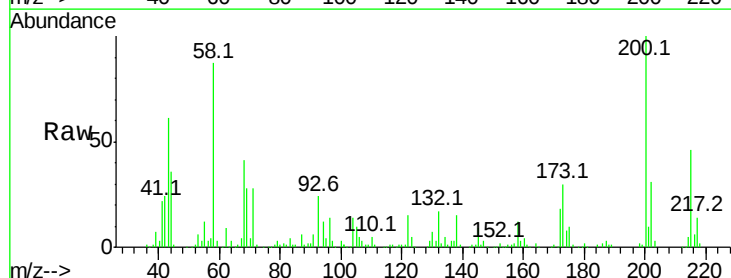
Tgt Ion:200 Resp: 269216

Ion Ratio Lower Upper

200 100

173 29.9 9.6 49.6

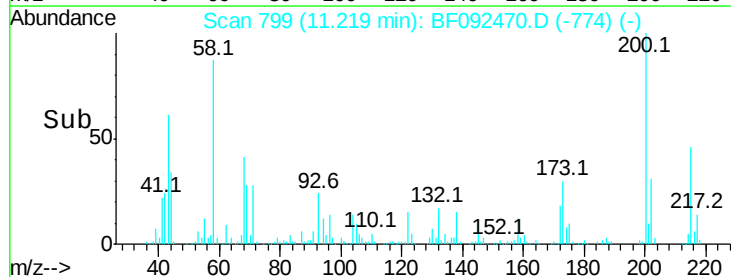
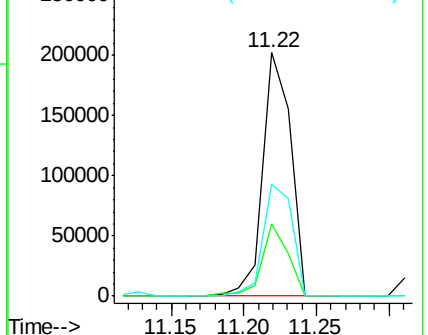
215 46.2 25.7 65.7

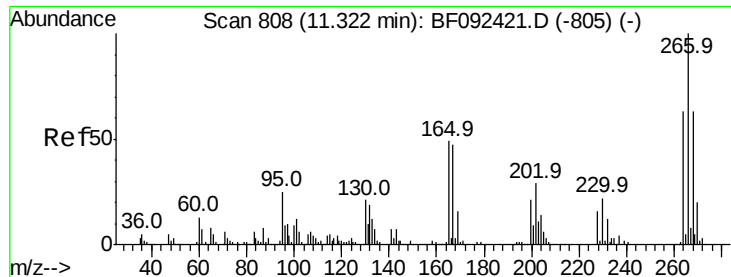


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

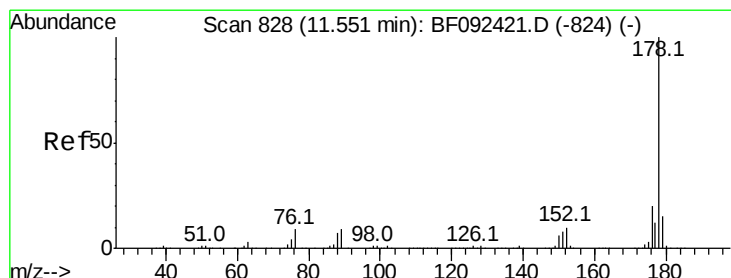
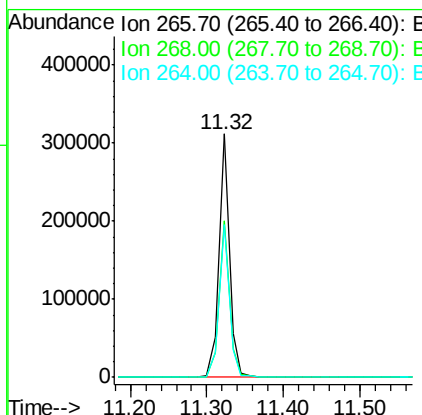
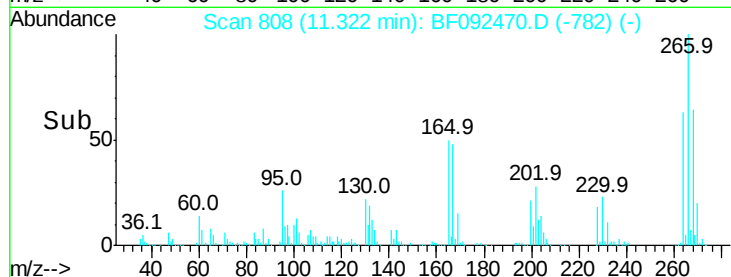
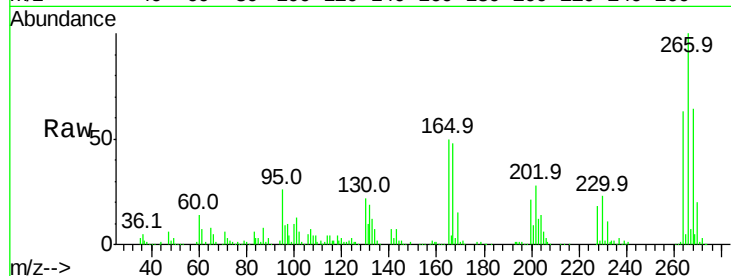




#69
 Pentachlorophenol
 Concen: 67.36 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF092470.D
 Acq: 25 Jan 2017 12:20

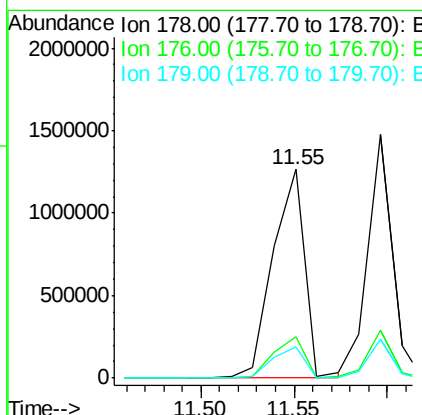
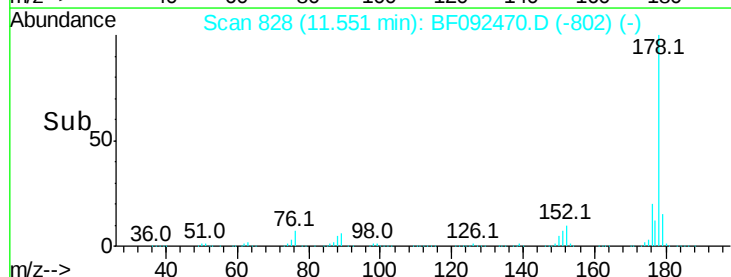
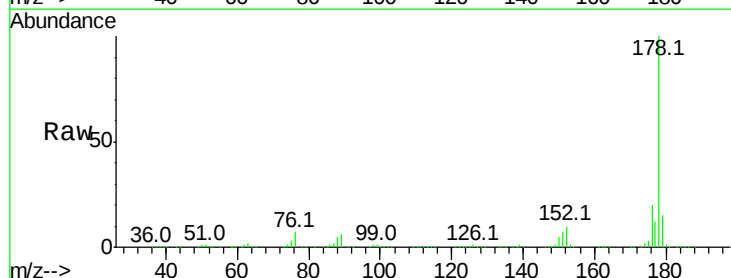
Instrument :
 BNA_F
 ClientSampleId :
 PB96126BS

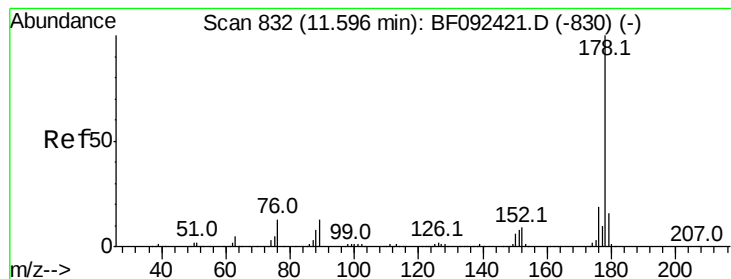
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.2	53.3	79.9
264	62.8	50.3	75.5



#70
 Phenanthrene
 Concen: 40.36 ng
 RT: 11.55 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF092470.D
 Acq: 25 Jan 2017 12:20

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.6	25.0
179	15.2	12.8	19.2





#71

Anthracene

Concen: 36.71 ng

RT: 11.60 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF092470.D

Acq: 25 Jan 2017 12:20

Instrument :

BNA_F

ClientSampleId :

PB96126BS

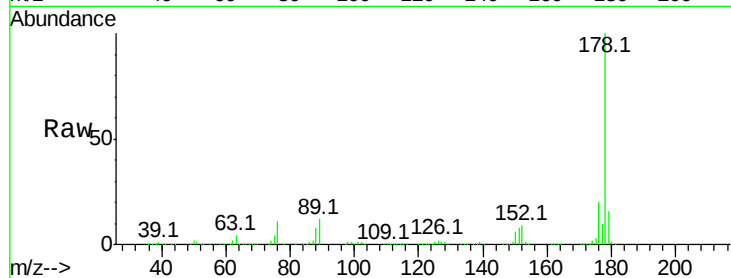
Tot Ion:178 Resp: 1338162

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.9	23.9
179	15.8	13.2	19.8

178 100

176 19.7 15.9 23.9

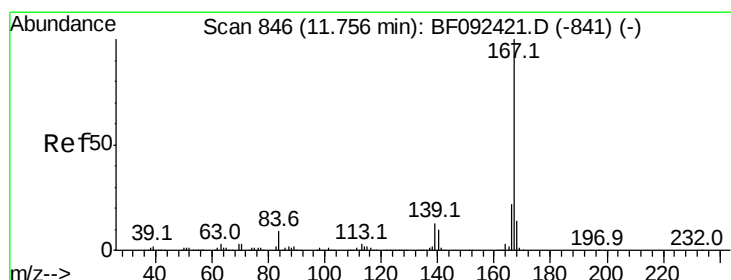
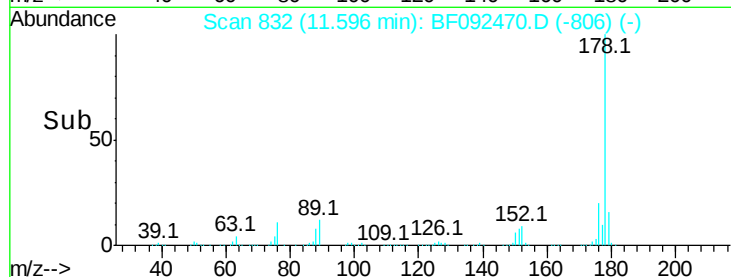
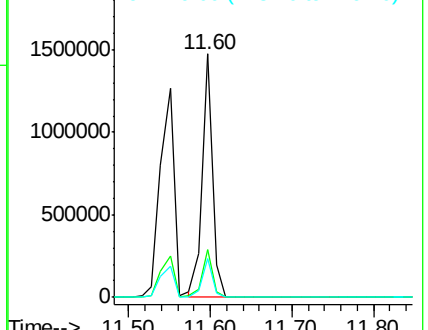
179 15.8 13.2 19.8



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: 38.48 ng

RT: 11.74 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF092470.D

Acq: 25 Jan 2017 12:20

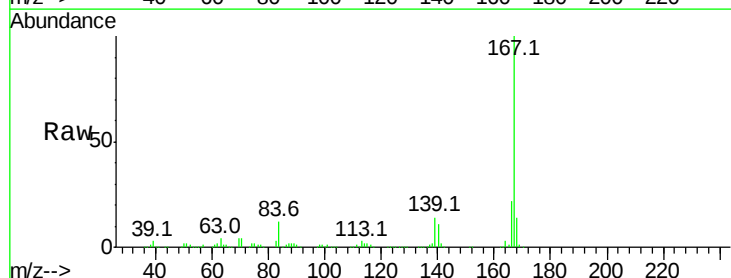
Tgt Ion:167 Resp: 1339046

Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.2	27.2
139	13.6	11.4	17.2

167 100

166 22.1 18.2 27.2

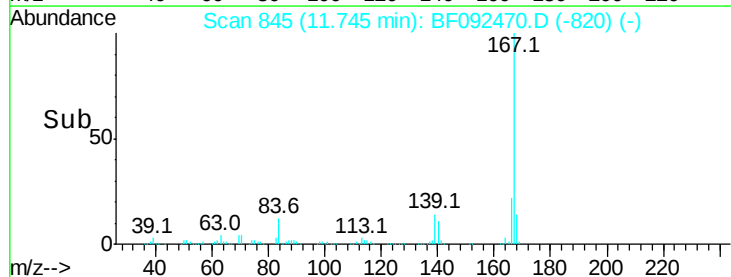
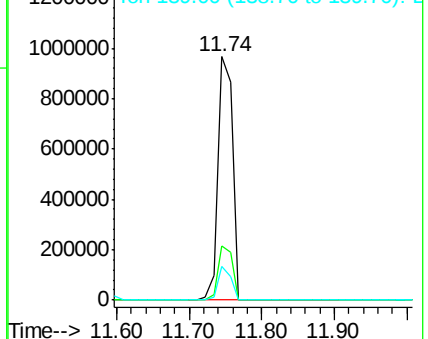
139 13.6 11.4 17.2

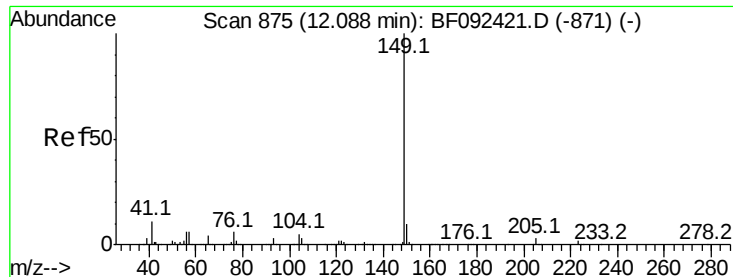


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.29 ng

RT: 12.09 min Scan# 875

Delta R.T. -0.00 min

Lab File: BF092470.D

Acq: 25 Jan 2017 12:20

Instrument :

BNA_F

ClientSampleId :

PB96126BS

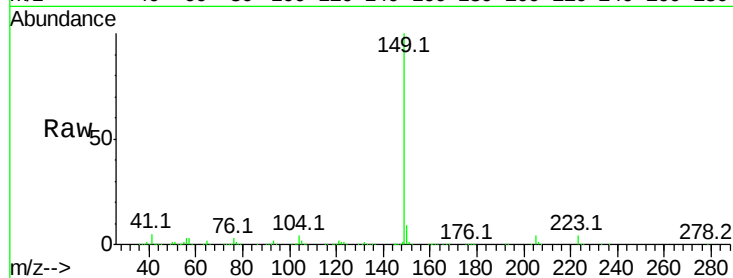
Tot Ion:149 Resp: 1683100

Ion Ratio Lower Upper

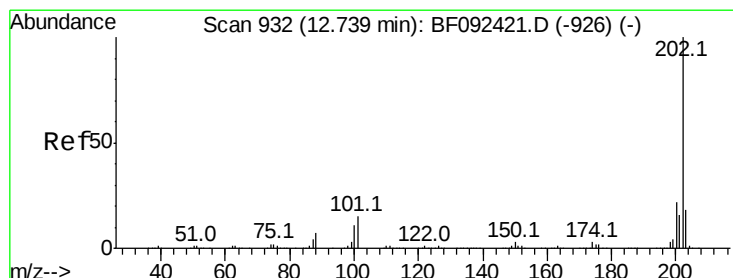
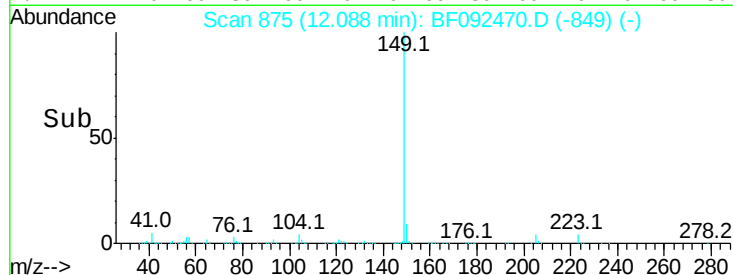
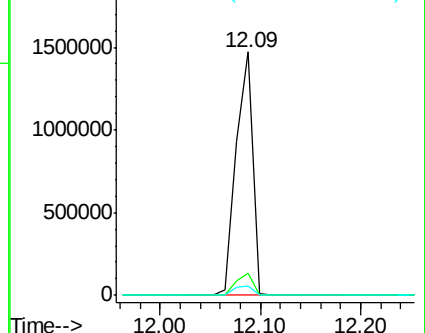
149 100

150 9.1 8.1 12.1

104 3.7 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E
2000000
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.00 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF092470.D

Acq: 25 Jan 2017 12:20

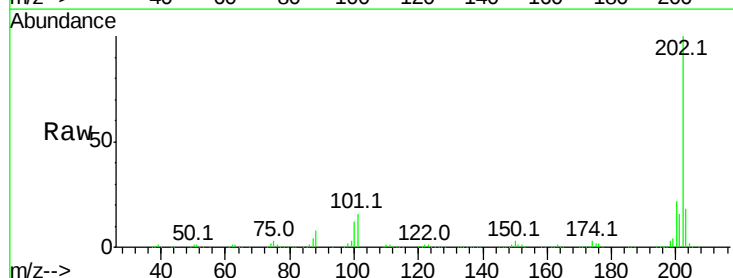
Tgt Ion:202 Resp: 1349963

Ion Ratio Lower Upper

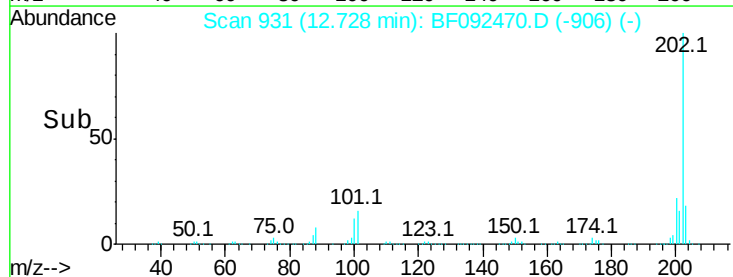
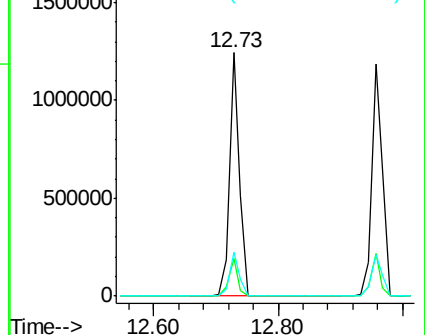
202 100

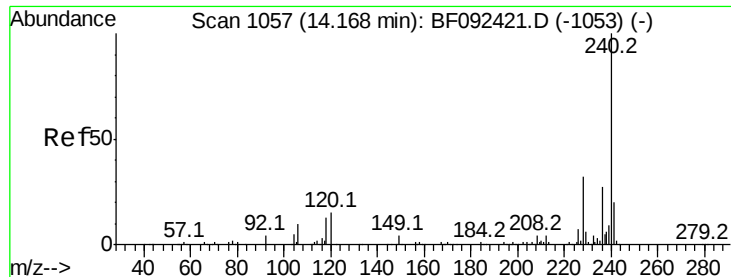
101 15.6 0.0 34.6

203 18.1 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E
1500000
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: BF092470.D

Acq: 25 Jan 2017 12:20

Instrument :

BNA_F

ClientSampleId :

PB96126BS

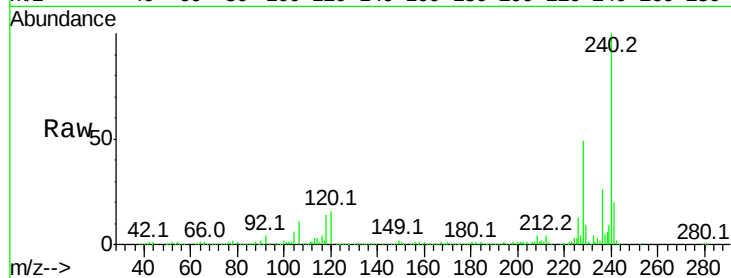
Tot Ion:240 Resp: 548993

Ion Ratio Lower Upper

240 100

120 15.9 12.9 19.3

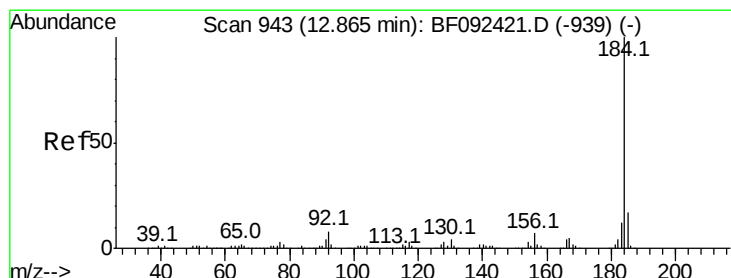
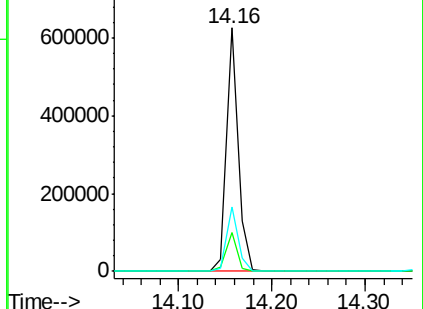
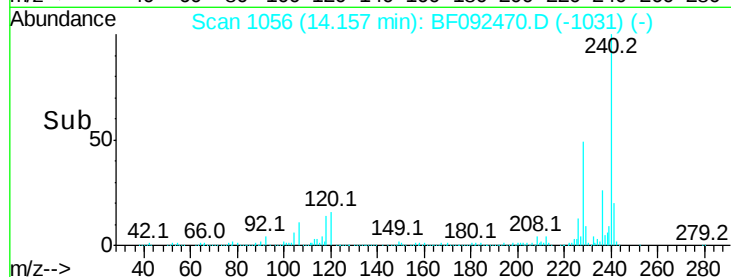
236 26.3 20.9 31.3



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: 19.69 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF092470.D

Acq: 25 Jan 2017 12:20

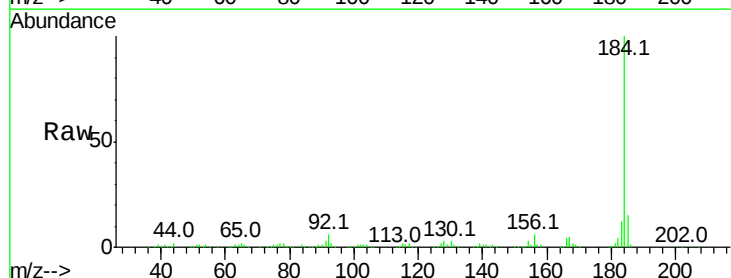
Tgt Ion:184 Resp: 401188

Ion Ratio Lower Upper

184 100

185 15.0 13.4 20.0

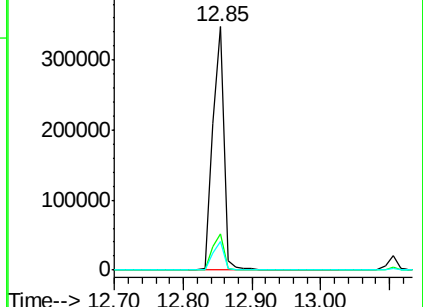
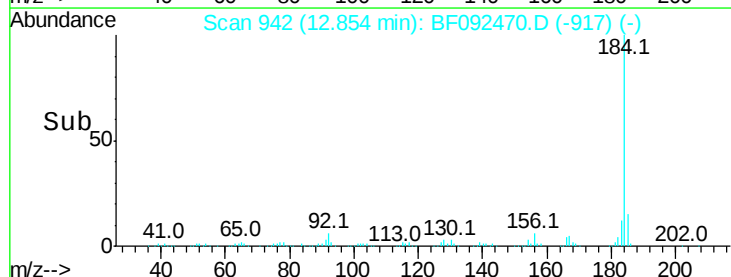
183 11.7 9.2 13.8

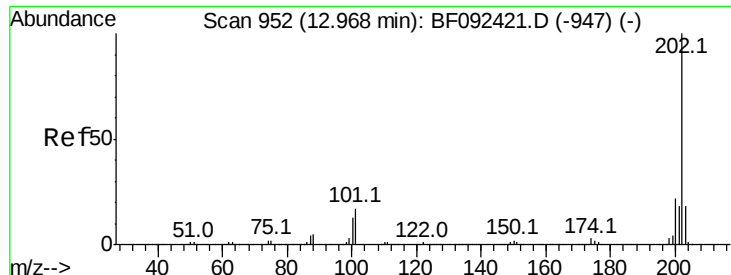


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 35.00 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF092470.D

Acq: 25 Jan 2017 12:20

Instrument :

BNA_F

ClientSampleId :

PB96126BS

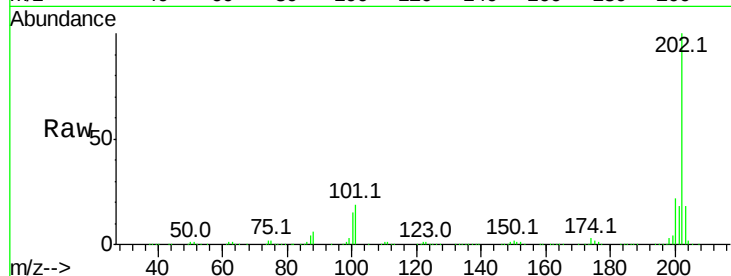
Tot Ion:202 Resp: 1392384

Ion Ratio Lower Upper

202 100

200 22.0 17.7 26.5

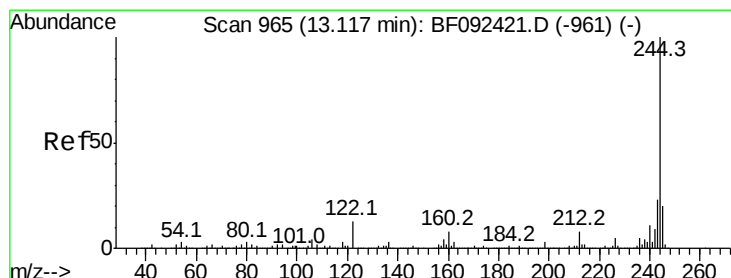
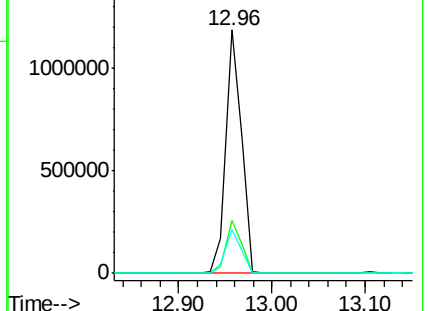
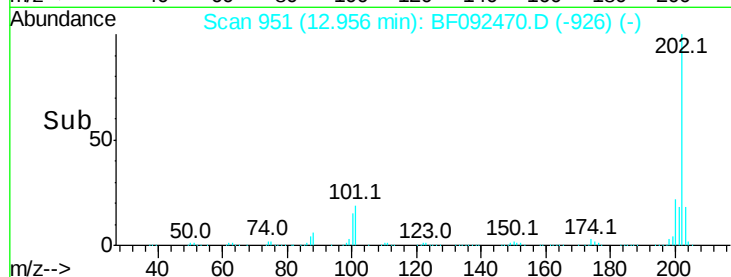
203 17.9 14.7 22.1



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: 71.30 ng

RT: 13.11 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092470.D

Acq: 25 Jan 2017 12:20

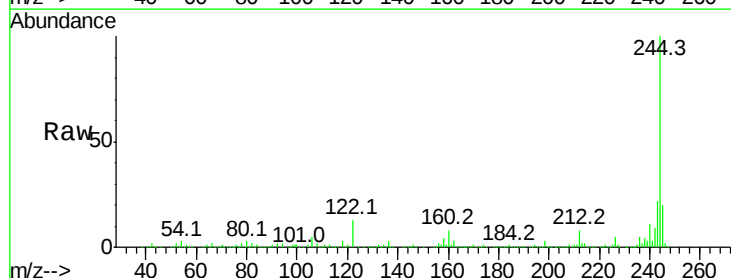
Tgt Ion:244 Resp: 1470012

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

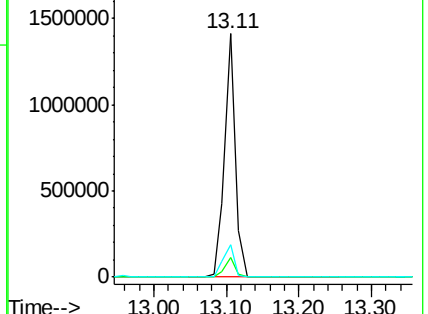
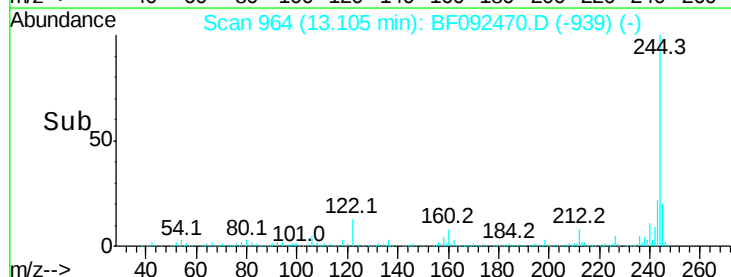
122 13.1 11.4 17.2

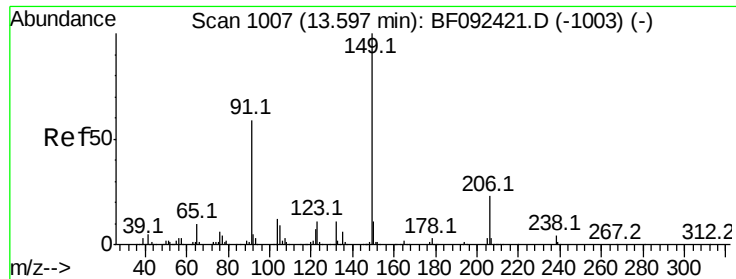


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

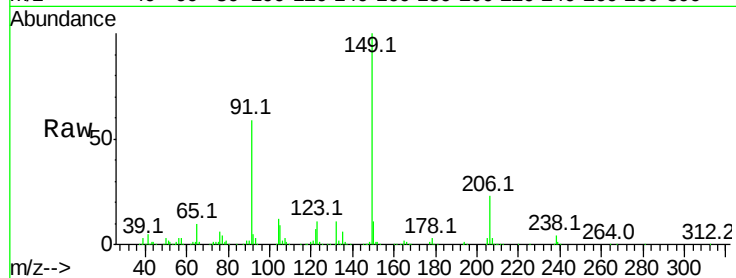




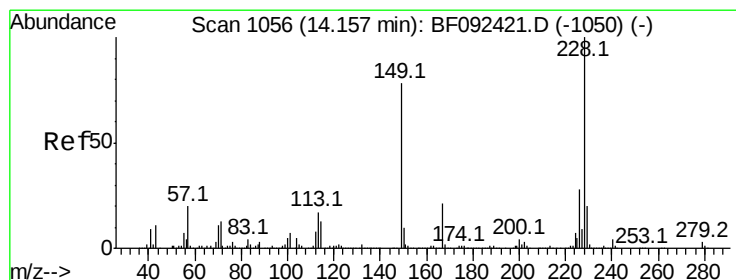
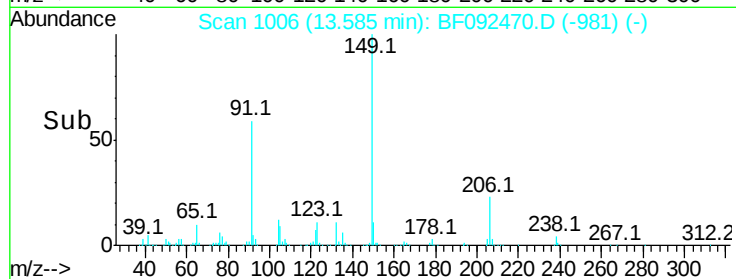
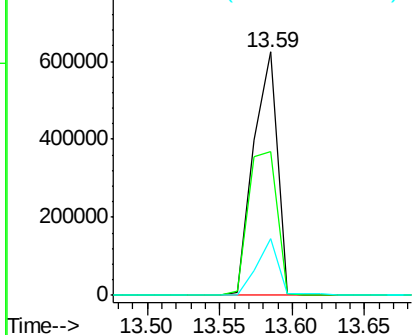
#79
Butylbenzylphthalate
Concen: 44.32 ng
RT: 13.59 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF092470.D
Acq: 25 Jan 2017 12:20

Instrument :
BNA_F
ClientSampleId :
PB96126BS

Tot Ion:149 Resp: 714183
Ion Ratio Lower Upper
149 100
91 59.2 63.9 95.9#
206 23.3 14.6 21.8#

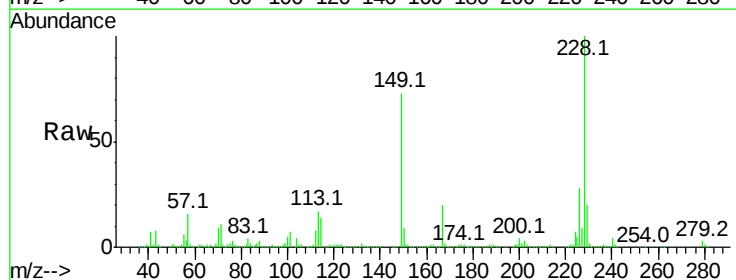


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

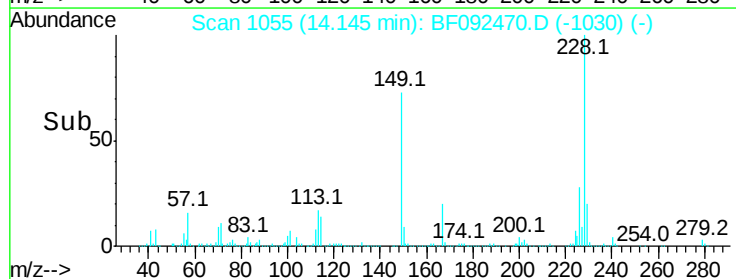
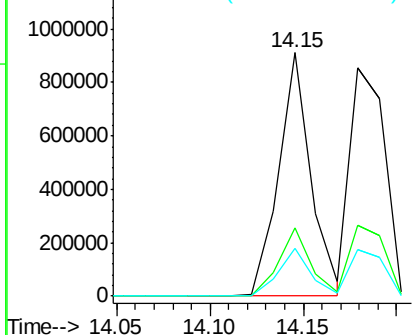


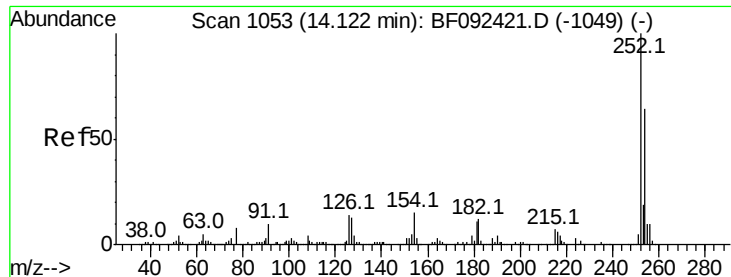
#80
Benzo(a)anthracene
Concen: 37.23 ng
RT: 14.15 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF092470.D
Acq: 25 Jan 2017 12:20

Tgt Ion:228 Resp: 1098507
Ion Ratio Lower Upper
228 100
226 27.8 22.4 33.6
229 19.5 16.2 24.4



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





#81

3,3'-Dichlorobenzidine

Concen: 13.06 ng

RT: 14.11 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF092470.D

Acq: 25 Jan 2017 12:20

Instrument :

BNA_F

ClientSampleId :

PB96126BS

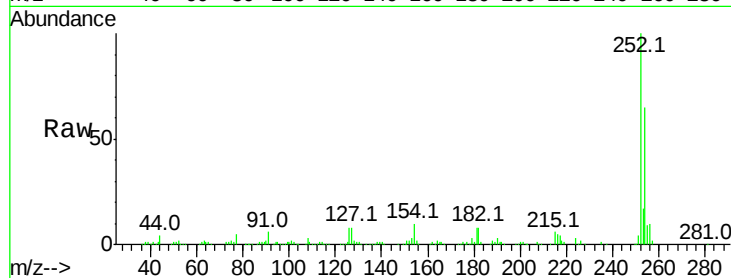
Tot Ion:252 Resp: 146299

Ion Ratio Lower Upper

252 100

254 64.9 52.3 78.5

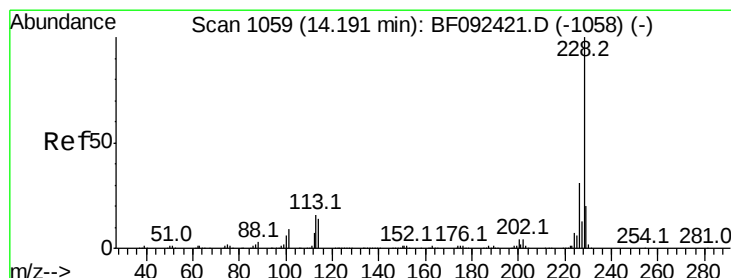
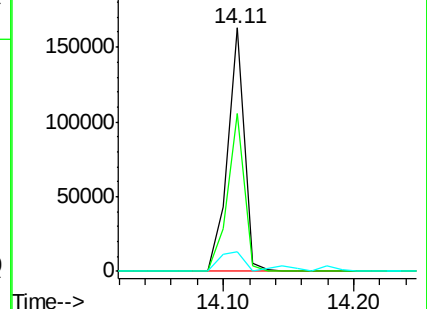
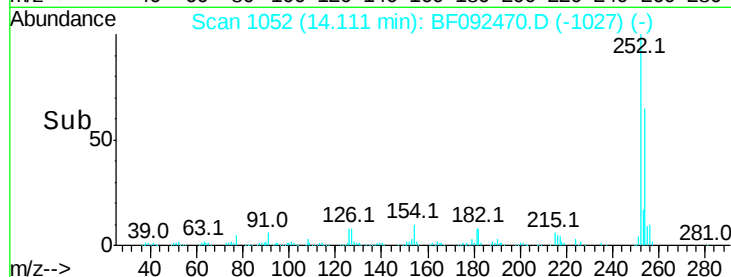
126 7.8 13.6 20.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 35.48 ng

RT: 14.18 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BF092470.D

Acq: 25 Jan 2017 12:20

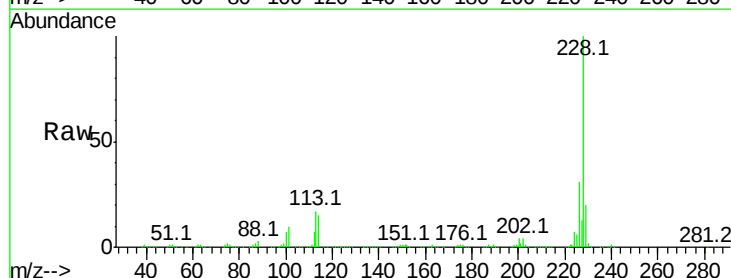
Tgt Ion:228 Resp: 1117814

Ion Ratio Lower Upper

228 100

226 31.1 25.4 38.0

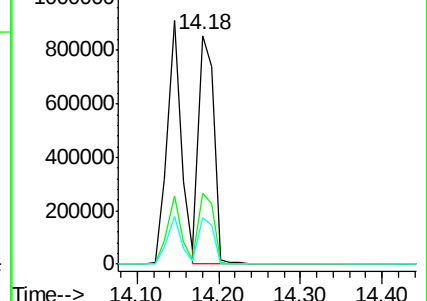
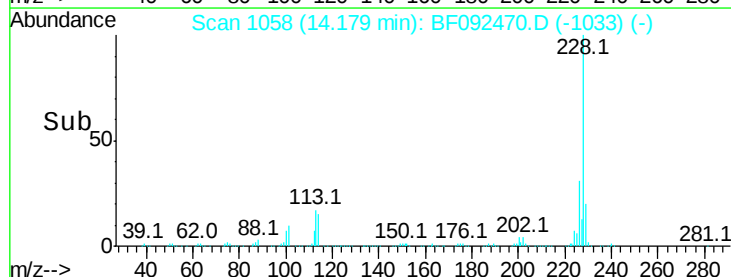
229 20.4 16.2 24.2

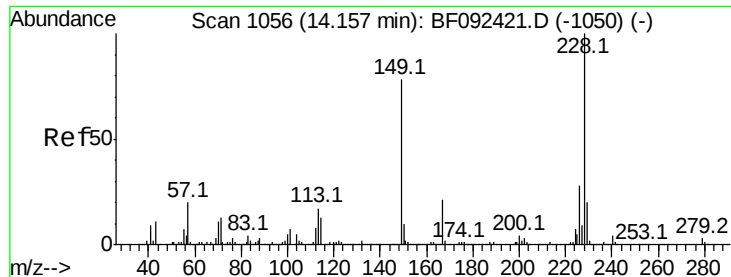


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

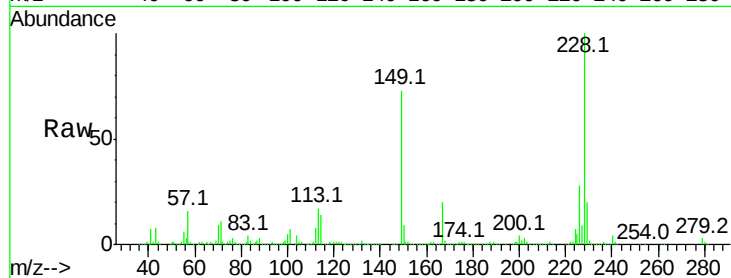




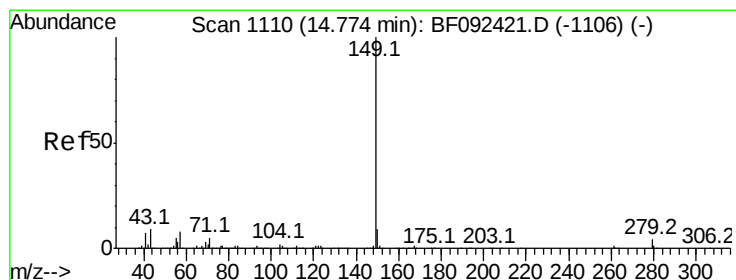
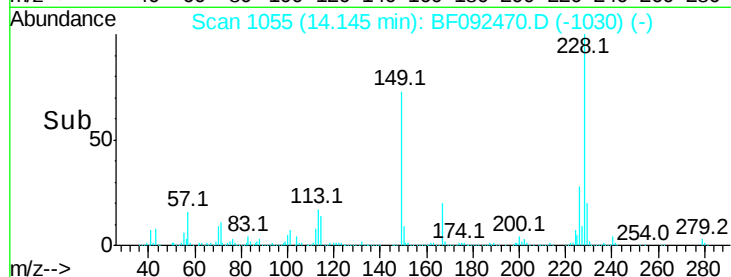
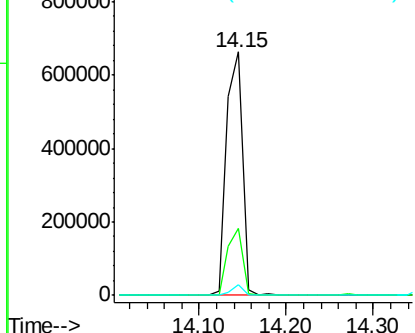
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.89 ng
 RT: 14.15 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BF092470.D
 Acq: 25 Jan 2017 12:20

Instrument :
 BNA_F
 ClientSampleId :
 PB96126BS

Tot Ion:149 Resp: 850172
 Ion Ratio Lower Upper
 149 100
 167 27.7 20.2 30.4
 279 4.2 1.8 2.8#

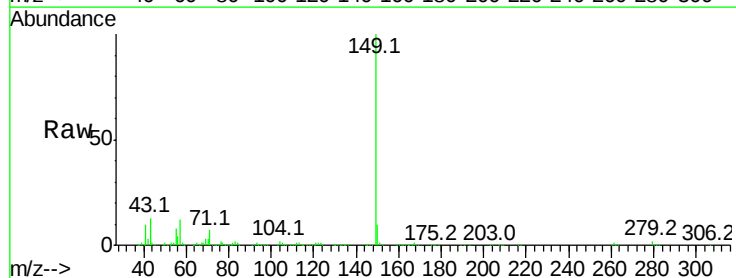


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

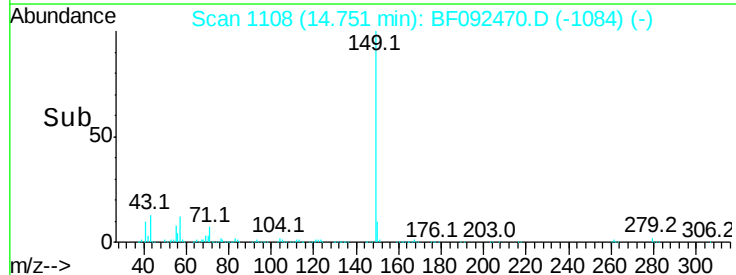
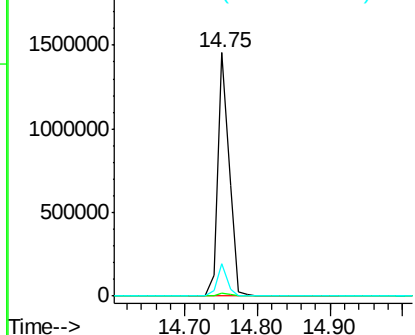


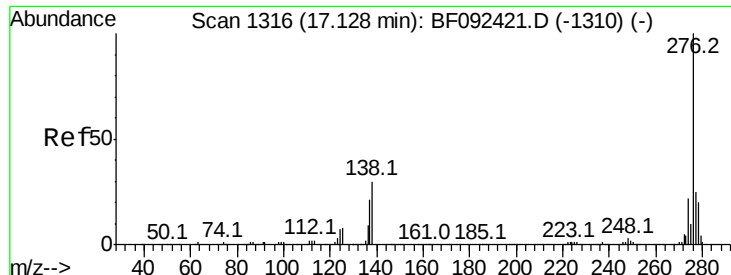
#84
 Di-n-octyl phthalate
 Concen: 42.47 ng
 RT: 14.75 min Scan# 1108
 Delta R.T. -0.02 min
 Lab File: BF092470.D
 Acq: 25 Jan 2017 12:20

Tgt Ion:149 Resp: 1564710
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 12.0 8.9 13.3



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

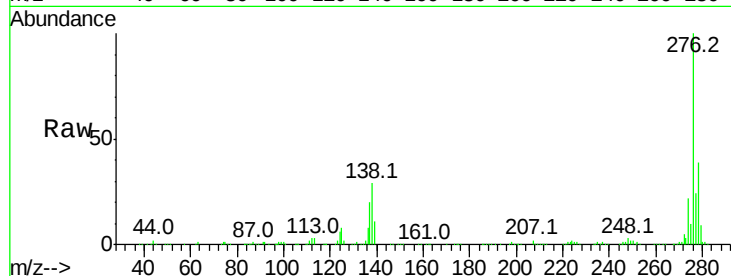




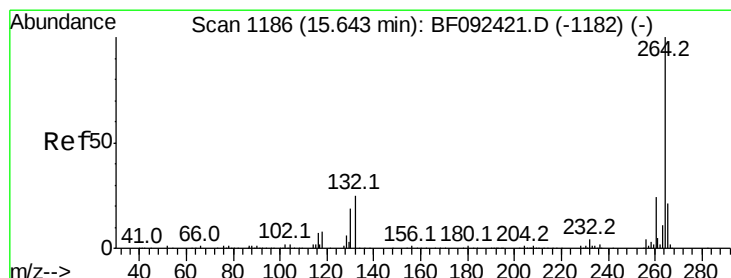
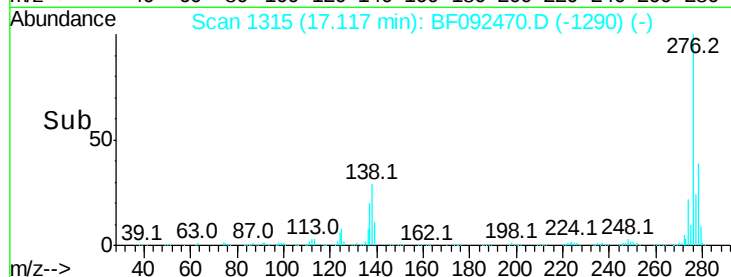
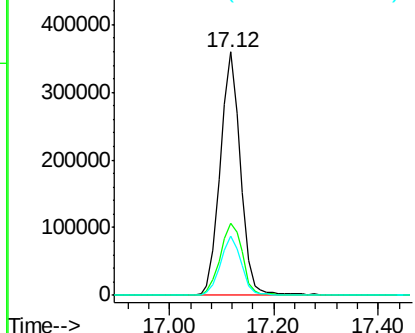
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.75 ng
RT: 17.12 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF092470.D
Acq: 25 Jan 2017 12:20

Instrument :
BNA_F
ClientSampleId :
PB96126BS

Tot Ion:276 Resp: 973301
Ion Ratio Lower Upper
276 100
138 32.7 21.8 32.6#
277 25.1 20.2 30.4

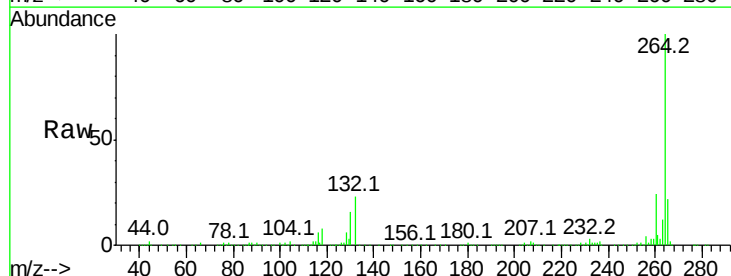


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

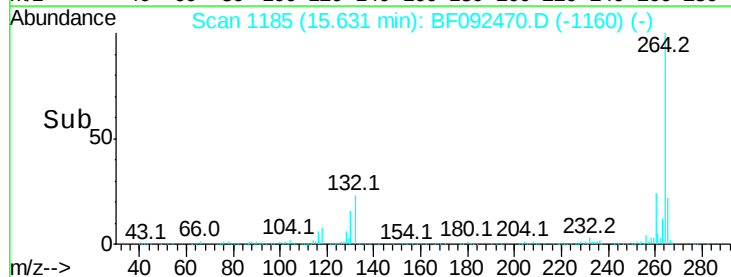
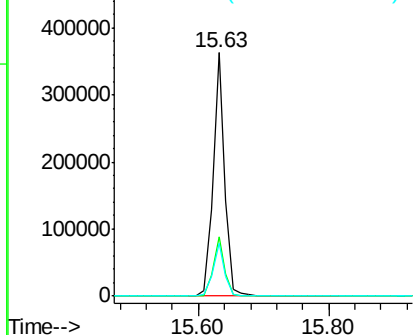


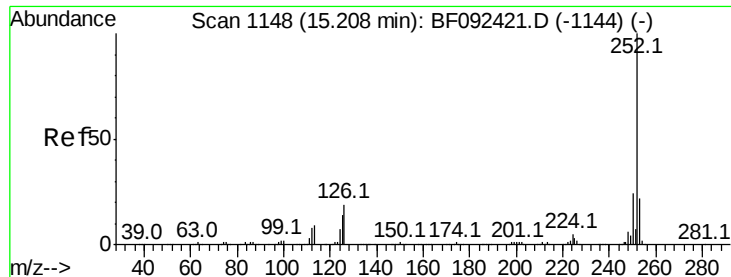
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.63 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF092470.D
Acq: 25 Jan 2017 12:20

Tgt Ion:264 Resp: 454145
Ion Ratio Lower Upper
264 100
260 24.5 19.2 28.8
265 21.7 17.4 26.0



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





#87

Benzo(b)fluoranthene

Concen: 44.01 ng

RT: 15.20 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BF092470.D

Acq: 25 Jan 2017 12:20

Instrument :

BNA_F

ClientSampleId :

PB96126BS

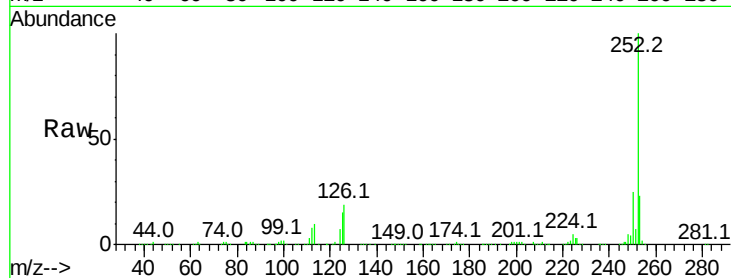
Tot Ion:252 Resp: 1283191

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.4

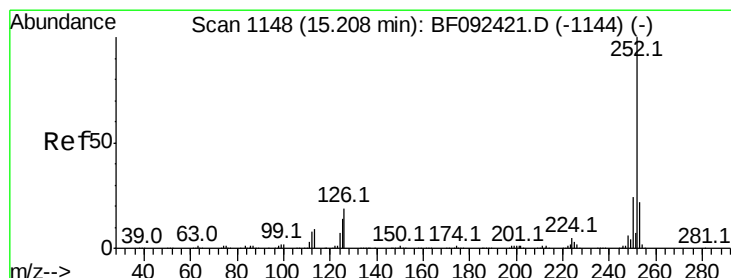
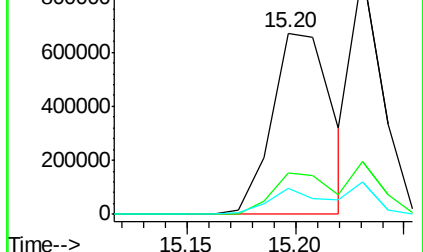
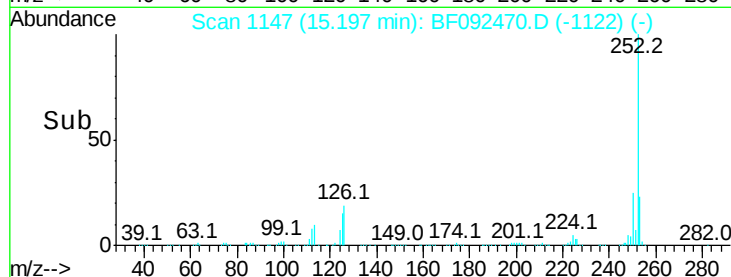
125 14.6 9.8 14.6



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



#88

Benzo(k)fluoranthene

Concen: 36.21 ng m

RT: 15.23 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF092470.D

Acq: 25 Jan 2017 12:20

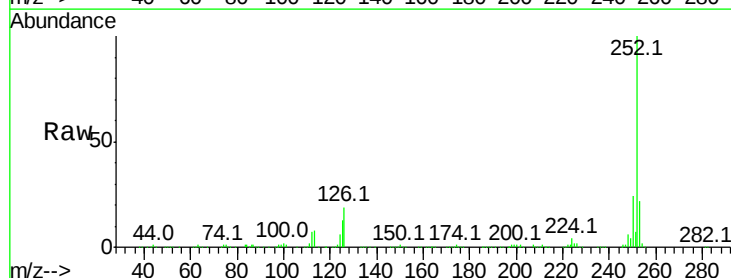
Tgt Ion:252 Resp: 877814

Ion Ratio Lower Upper

252 100

253 21.9 18.5 27.7

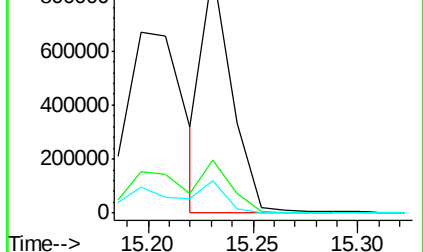
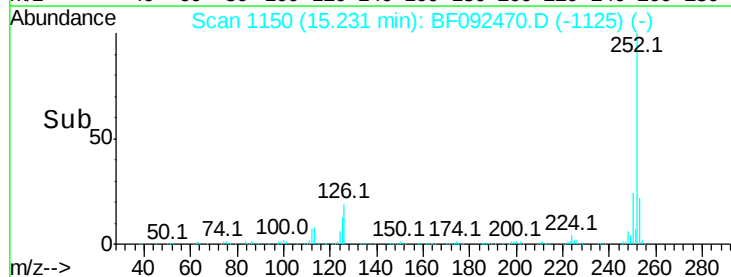
125 13.3 8.9 13.3#

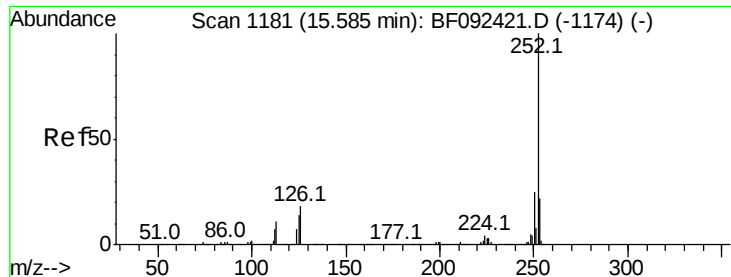


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 41.10 ng

RT: 15.57 min Scan# 1180

Delta R.T. -0.01 min

Lab File: BF092470.D

Acq: 25 Jan 2017 12:20

Instrument :

BNA_F

ClientSampleId :

PB96126BS

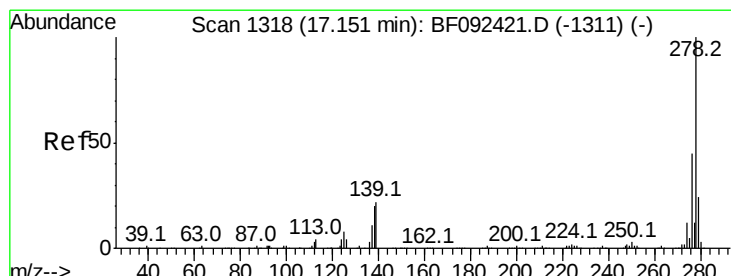
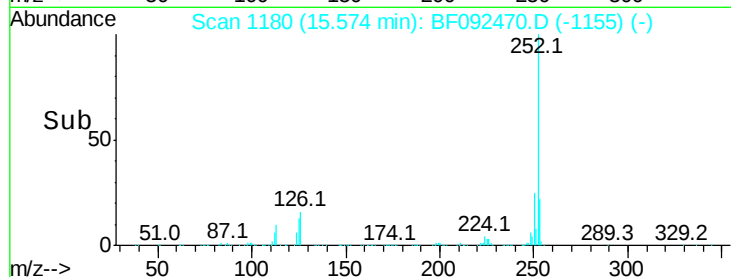
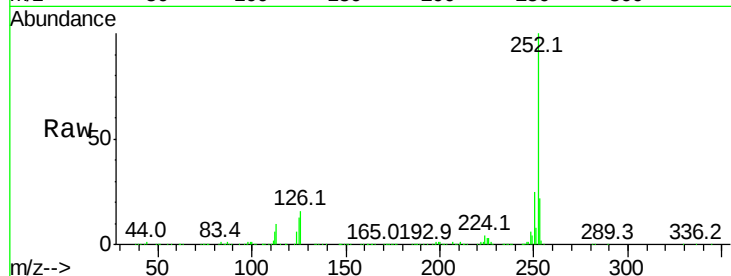
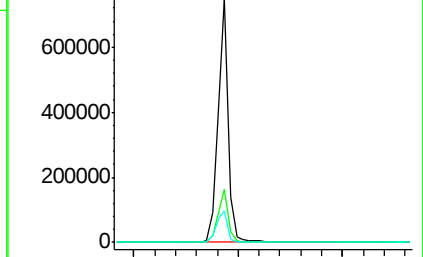
Tot Ion:252 Resp: 1013581

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.2
125	12.6	10.0	15.0

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.12 ng

RT: 17.14 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF092470.D

Acq: 25 Jan 2017 12:20

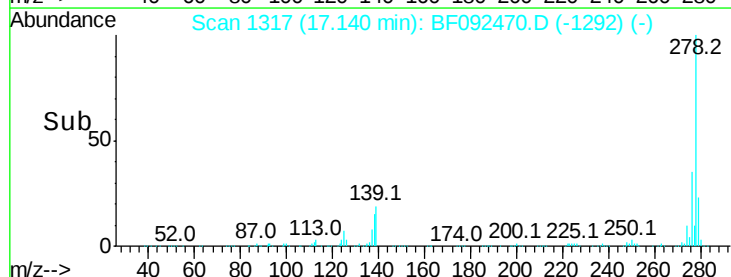
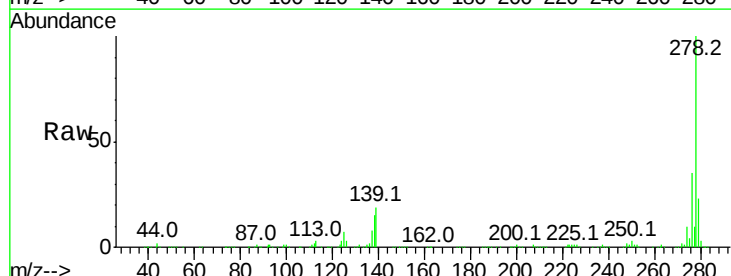
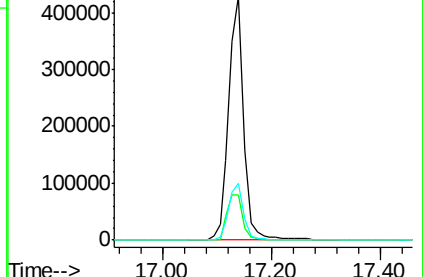
Tgt Ion:278 Resp: 820137

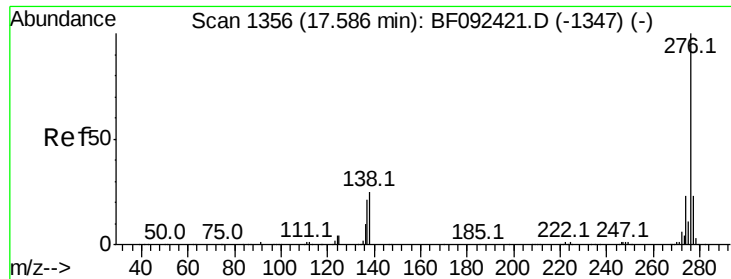
Ion	Ratio	Lower	Upper
278	100		
139	18.8	14.8	22.2
279	23.5	19.8	29.6

Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 40.20 ng

RT: 17.56 min Scan# 1354

Delta R.T. -0.02 min

Lab File: BF092470.D

Acq: 25 Jan 2017 12:20

Instrument :

BNA_F

ClientSampleId :

PB96126BS

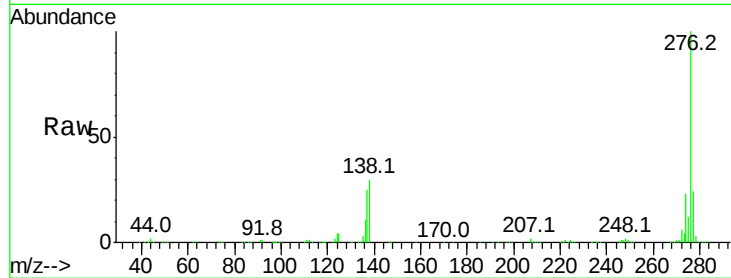
Tot Ion:276 Resp: 810859

Ion Ratio Lower Upper

276 100

277 23.7 19.2 28.8

138 30.4 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

