

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
 Data File : BF092485.D
 Acq On : 25 Jan 2017 19:13
 Operator : SJ/MA
 Sample : PB96282BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96282BS

Quant Time: Jan 26 14:54:40 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	159274	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	644665	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	361339	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	599743	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	520154	20.00	ng	-0.01
86) Perylene-d12	15.63	264	431805	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.57	112	1108139	108.25	ng	0.02
7) Phenol-d6	6.59	99	1287303	98.72	ng	0.00
23) Nitrobenzene-d5	7.53	82	874787	74.12	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	288462	117.15	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1363449	69.78	ng	-0.01
78) Terphenyl-d14	13.10	244	1404042	71.88	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.70	88	162629	29.87	ng	# 78
3) Pyridine	3.45	79	445775	28.76	ng	# 83
4) n-Nitrosodimethylamine	3.40	42	243146	31.98	ng	82
6) Aniline	6.62	93	246864	12.69	ng	# 45
8) 2-Chlorophenol	6.75	128	388337	36.11	ng	99
9) Benzaldehyde	6.51	77	207562	22.43	ng	97
10) Phenol	6.60	94	551548	35.04	ng	# 71
11) bis(2-Chloroethyl)ether	6.70	93	395960	33.62	ng	97
12) 1,3-Dichlorobenzene	6.91	146	434120	34.14	ng	98
13) 1,4-Dichlorobenzene	6.98	146	415552	32.47	ng	99
14) 1,2-Dichlorobenzene	7.14	146	412732	33.99	ng	96
15) Benzyl Alcohol	7.10	79	343530	34.96	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.25	45	753231	32.34	ng	93
17) 2-Methylphenol	7.22	107	340246	37.03	ng	96
18) Hexachloroethane	7.48	117	143273	32.50	ng	90
19) n-Nitroso-di-n-propylamine	7.38	70	275153	30.99	ng	91
20) 3+4-Methylphenols	7.37	107	392507	35.21	ng	93
22) Acetophenone	7.38	105	531264	34.60	ng	# 98
24) Nitrobenzene	7.55	77	419975	33.97	ng	99
25) Isophorone	7.79	82	780230	33.55	ng	95
26) 2-Nitrophenol	7.87	139	199157	38.44	ng	97
27) 2,4-Dimethylphenol	7.90	122	374091	34.72	ng	97
28) bis(2-Chloroethoxy)methane	8.01	93	497229	32.57	ng	100
29) 2,4-Dichlorophenol	8.11	162	333832	35.74	ng	92
30) 1,2,4-Trichlorobenzene	8.20	180	356855	35.34	ng	96
31) Naphthalene	8.28	128	1081623	32.78	ng	99
32) Benzoic acid	8.02	122	257080	33.49	ng	99
33) 4-Chloroaniline	8.33	127	115161	8.25	ng	99
34) Hexachlorobutadiene	8.41	225	179073	32.43	ng	97
35) Caprolactam	8.69	113	116538m	37.36	ng	
36) 4-Chloro-3-methylphenol	8.81	107	351416	34.89	ng	97
37) 2-Methylnaphthalene	8.98	142	745640	35.70	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	344041	37.75	ng	99
40) Hexachlorocyclopentadiene	9.14	237	341807	74.88	ng	98

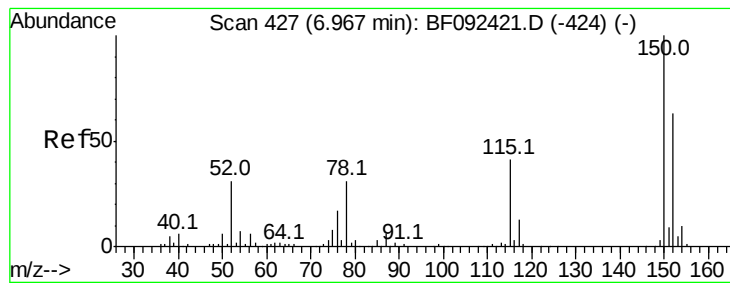
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	252863	36.21	nq	90
43) 2,4,5-Trichlorophenol	9.30	196	224695	35.16	nq #	82
45) 1,1'-Biphenyl	9.45	154	960946	36.79	nq	98
46) 2-Chloronaphthalene	9.47	162	704567	33.02	nq	98
47) 2-Nitroaniline	9.56	65	245403	34.16	nq	94
48) Acenaphthylene	9.89	152	1151498	36.80	nq	97
49) Dimethylphthalate	9.74	163	791065	34.43	nq	98
50) 2,6-Dinitrotoluene	9.80	165	176568	37.59	nq #	59
51) Acenaphthene	10.06	154	749902	38.57	nq	99
52) 3-Nitroaniline	9.97	138	81789	13.90	nq	87
53) 2,4-Dinitrophenol	10.08	184	145854	57.23	nq #	59
54) Dibenzofuran	10.24	168	1040174	39.40	nq	92
55) 4-Nitrophenol	10.13	139	357928	76.62	nq	89
56) 2,4-Dinitrotoluene	10.21	165	275984	44.27	nq #	76
57) Fluorene	10.58	166	753251	38.48	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.35	232	204568	42.73	nq	97
59) Diethylphthalate	10.45	149	848944	38.53	nq	96
60) 4-Chlorophenyl-phenylether	10.57	204	336295	35.42	nq	87
61) 4-Nitroaniline	10.59	138	183387	31.17	nq	96
62) Azobenzene	10.73	77	934194	37.26	nq	97
64) 4,6-Dinitro-2-methylphenol	10.61	198	108077	34.94	nq #	34
65) n-Nitrosodiphenylamine	10.68	169	648499	34.62	nq	100
66) 4-Bromophenyl-phenylether	11.06	248	208780	34.48	nq	94
67) Hexachlorobenzene	11.13	284	213233	34.84	nq #	89
68) Atrazine	11.22	200	234299	36.55	nq	95
69) Pentachlorophenol	11.31	266	265615	67.87	nq	97
70) Phenanthrene	11.54	178	1146695	34.72	nq	99
71) Anthracene	11.58	178	1164534	36.08	nq	99
72) Carbazole	11.74	167	1138190	36.93	nq	98
73) Di-n-butylphthalate	12.08	149	1265617	35.91	nq #	98
74) Fluoranthene	12.73	202	1229678	38.06	nq	96
76) Benzidine	12.84	184	258928	13.41	nq	99
77) Pyrene	12.96	202	1240973	32.93	nq	99
79) Butylbenzylphthalate	13.57	149	543542	35.60	nq	99
80) Benzo(a)anthracene	14.15	228	994658	35.58	nq	99
81) 3,3'-Dichlorobenzidine	14.11	252	247928	23.36	nq #	93
82) Chrysene	14.18	228	932792	31.24	nq	99
83) Bis(2-ethylhexyl)phthalate	14.13	149	682864	35.51	nq	99
84) Di-n-octyl phthalate	14.75	149	1354913	38.81	nq	97
85) Indeno(1,2,3-cd)pyrene	17.11	276	822284	37.23	nq #	94
87) Benzo(b)fluoranthene	15.20	252	926462	33.42	nq	98
88) Benzo(k)fluoranthene	15.23	252	946564m	41.06	nq	
89) Benzo(a)pyrene	15.56	252	888884	37.90	nq #	96
90) Dibenzo(a,h)anthracene	17.13	278	686997	36.23	nq	97
91) Benzo(g,h,i)perylene	17.55	276	678280	35.37	nq #	90

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.00 min

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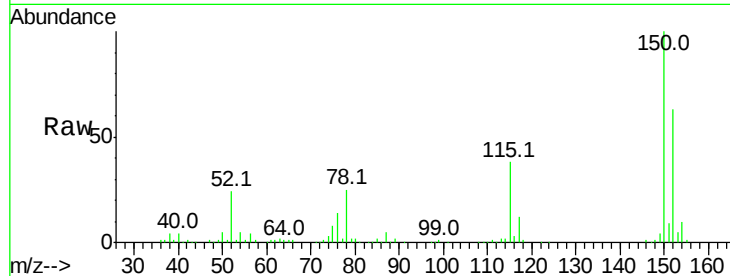
Tot Ion:152 Resp: 159274

Ion Ratio Lower Upper

152 100

150 159.3 124.9 187.3

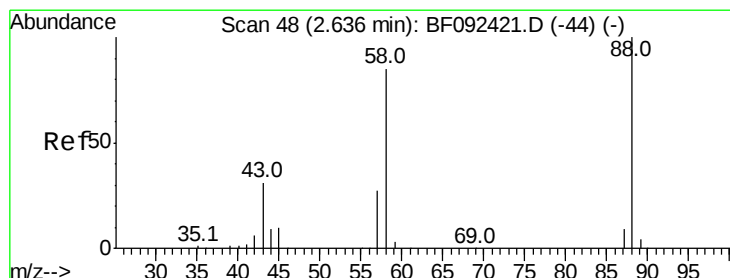
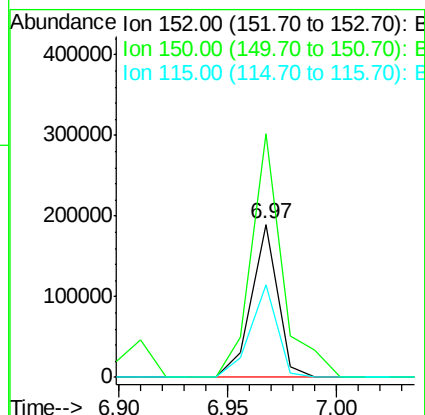
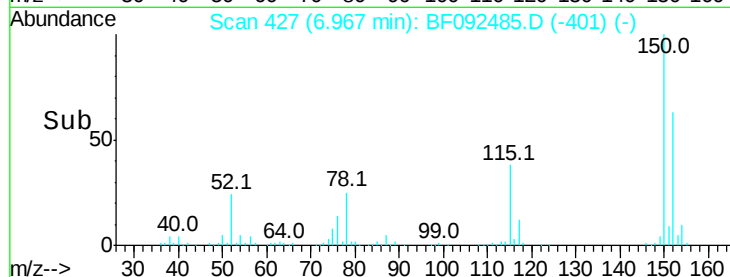
115 60.5 46.0 69.0



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: 29.87 ng

RT: 2.70 min Scan# 54

Delta R.T. 0.07 min

Lab File: BF092485.D

Acq: 25 Jan 2017 19:13

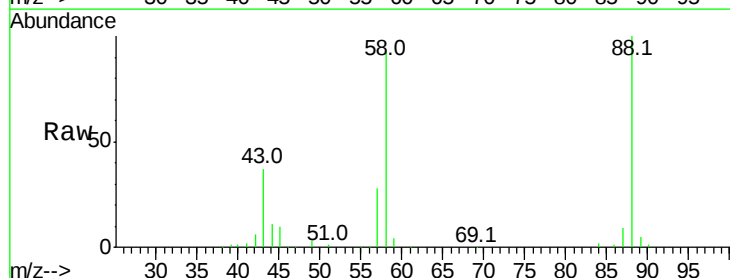
Tgt Ion: 88 Resp: 162629

Ion Ratio Lower Upper

88 100

58 90.6 57.8 86.8#

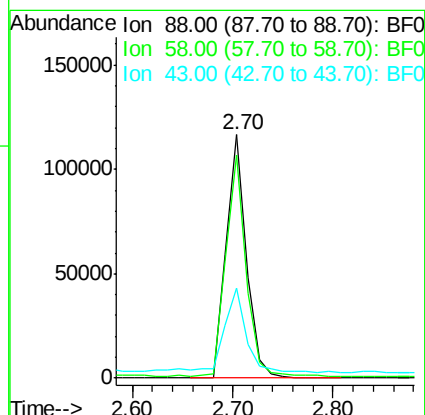
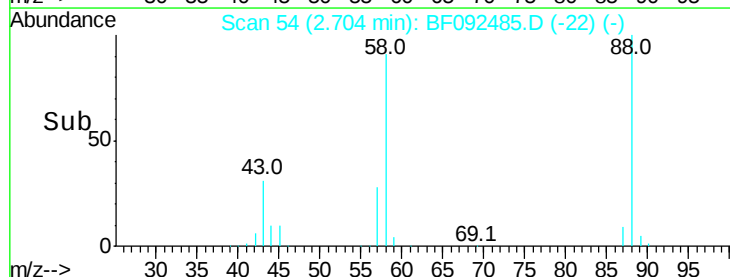
43 38.7 22.3 33.5#

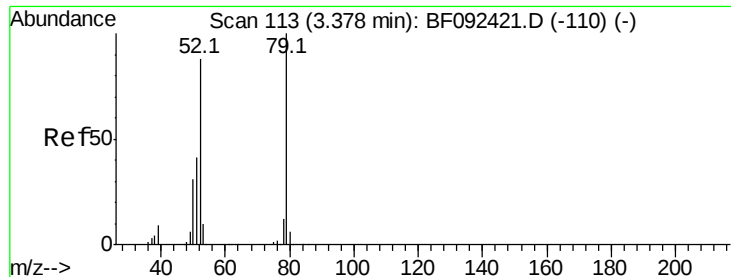


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 28.76 ng

RT: 3.45 min Scan# 119

Delta R.T. 0.07 min

Lab File: BF092485.D

Acq: 25 Jan 2017 19:13

Instrument :

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ClientSampleId :

PB96282BS

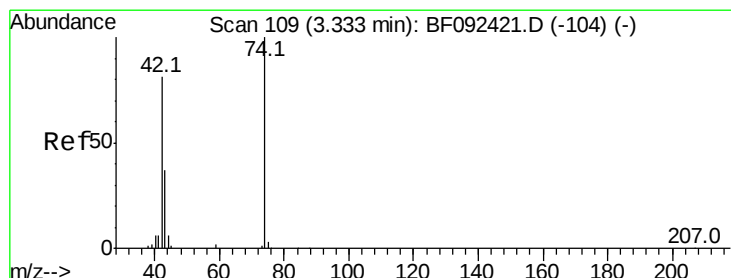
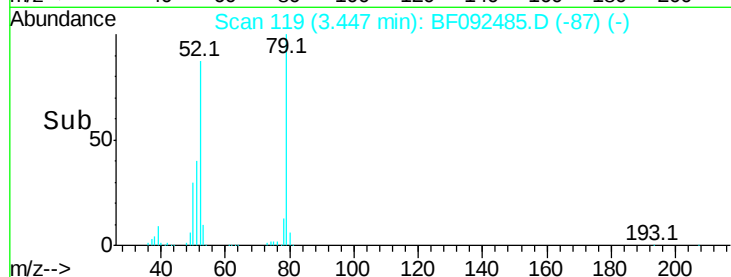
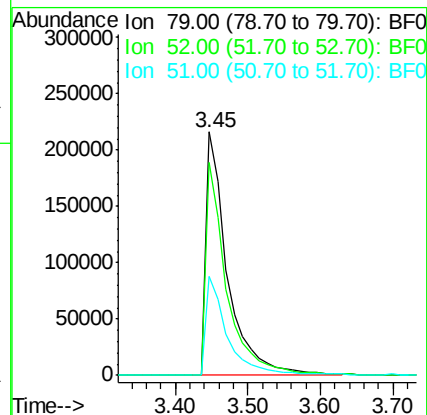
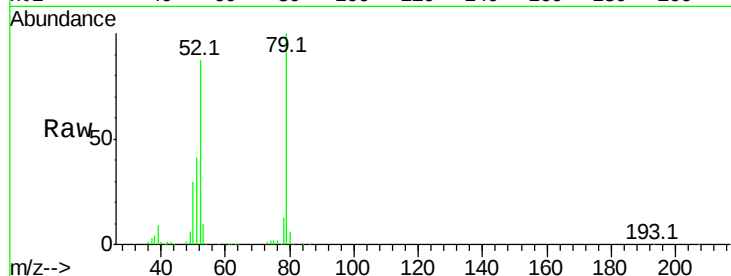
Tot Ion: 79 Resp: 445775

Ion Ratio Lower Upper

79 100

52 87.3 57.1 85.7#

51 40.6 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 31.98 ng

RT: 3.40 min Scan# 115

Delta R.T. 0.07 min

Lab File: BF092485.D

Acq: 25 Jan 2017 19:13

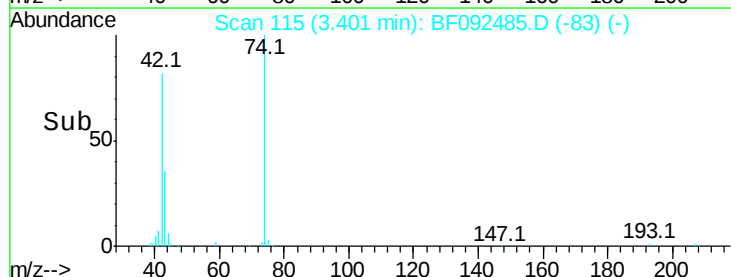
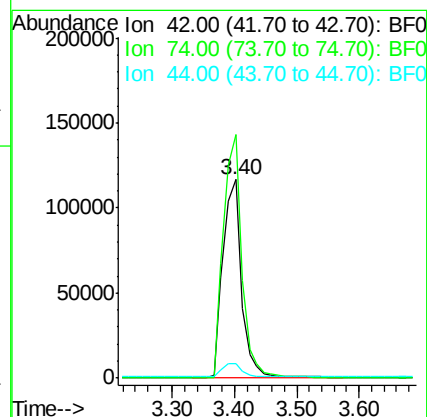
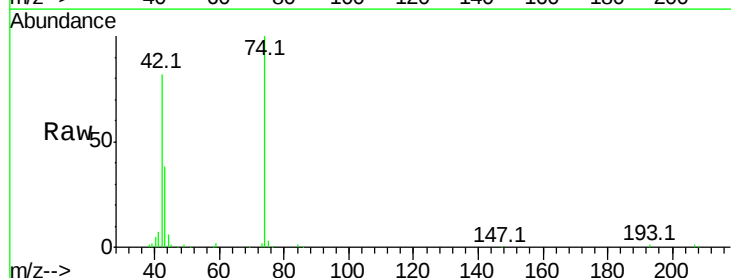
Tgt Ion: 42 Resp: 243146

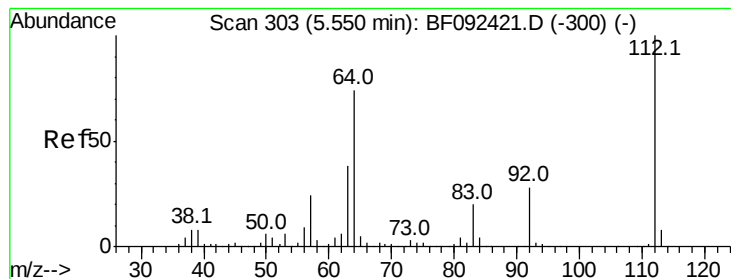
Ion Ratio Lower Upper

42 100

74 122.6 117.0 175.4

44 7.5 5.5 8.3





#5

2-Fluorophenol

Concen: 108.25 ng

RT: 5.57 min Scan# 305

Delta R.T. 0.02 min

Lab File: BF092485.D

Acq: 25 Jan 2017 19:13

Instrument :

BNA_F

ClientSampled :

PB96282BS

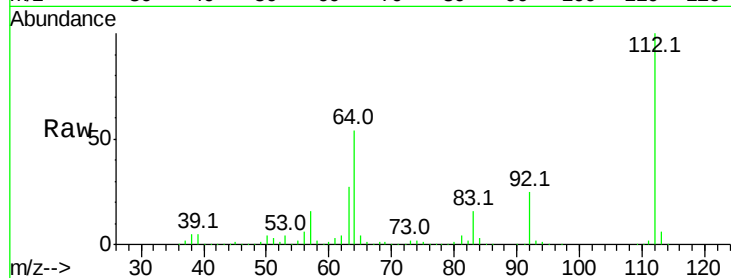
Tot Ion:112 Resp: 1108139

Ion Ratio Lower Upper

112 100

64 54.1 46.1 69.1

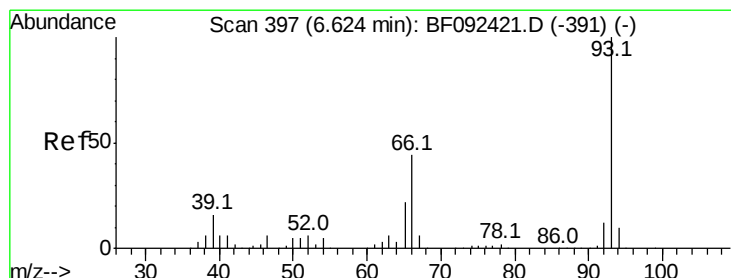
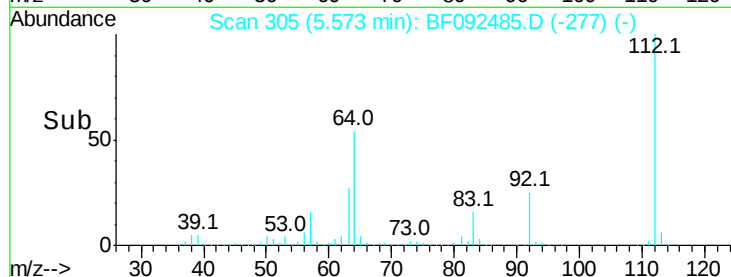
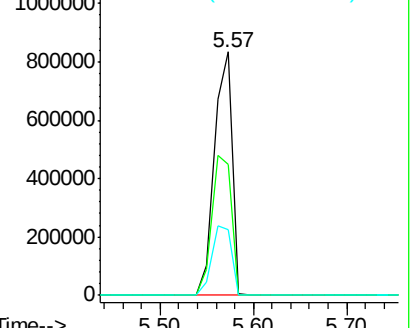
63 27.0 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 12.69 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF092485.D

Acq: 25 Jan 2017 19:13

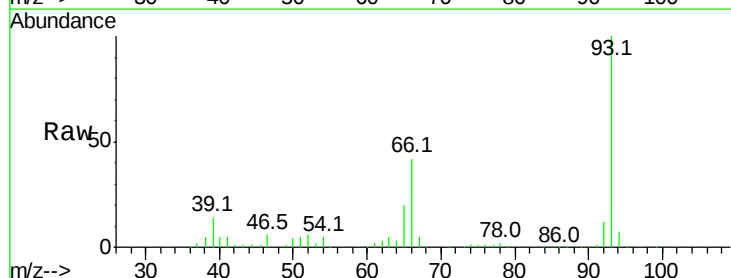
Tgt Ion: 93 Resp: 246864

Ion Ratio Lower Upper

93 100

66 41.7 76.2 114.2#

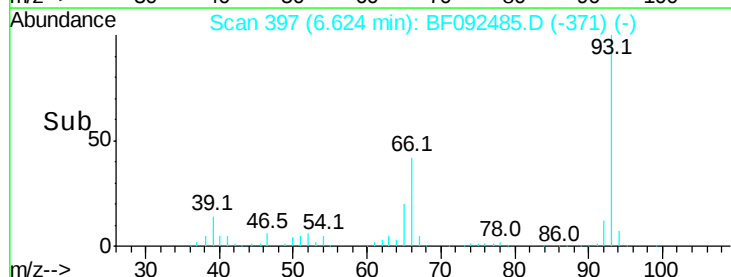
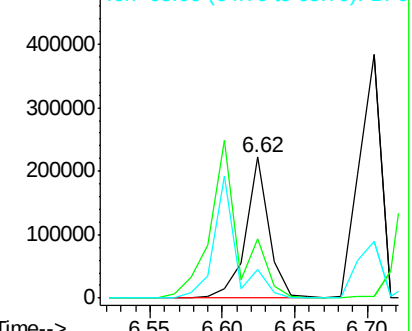
65 20.1 49.3 73.9#

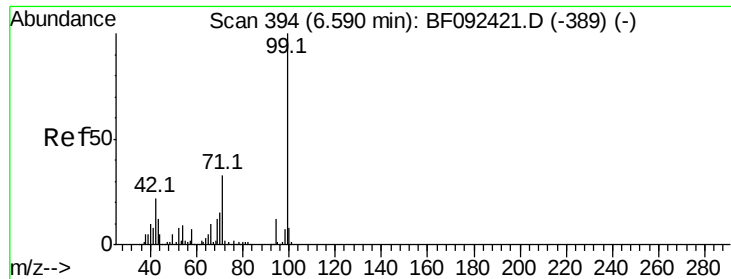


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 98.72 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

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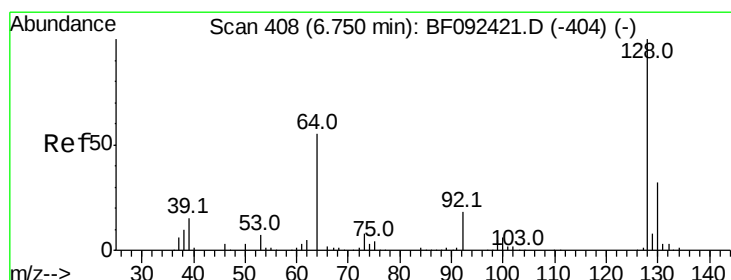
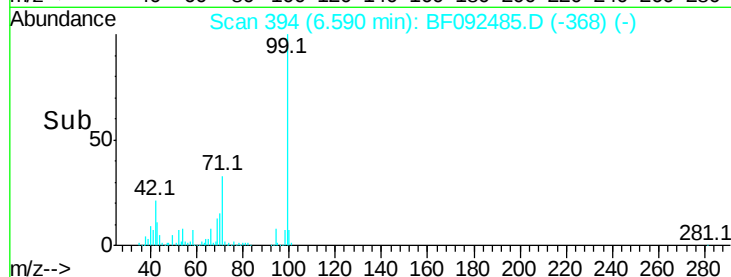
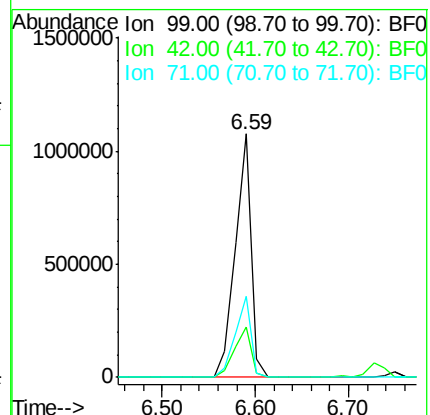
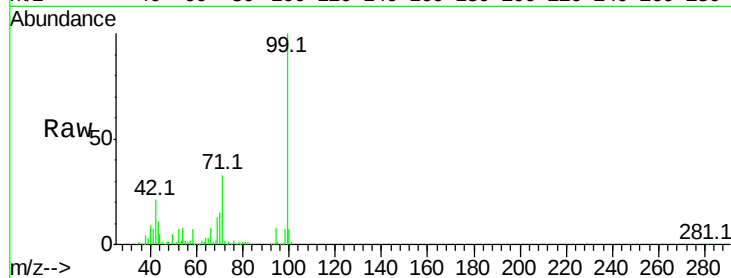
Tot Ion: 99 Resp: 1287303

Ion Ratio Lower Upper

99 100

42 20.7 15.6 23.4

71 33.2 27.5 41.3



#8

2-Chlorophenol

Concen: 36.11 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF092485.D

Acq: 25 Jan 2017 19:13

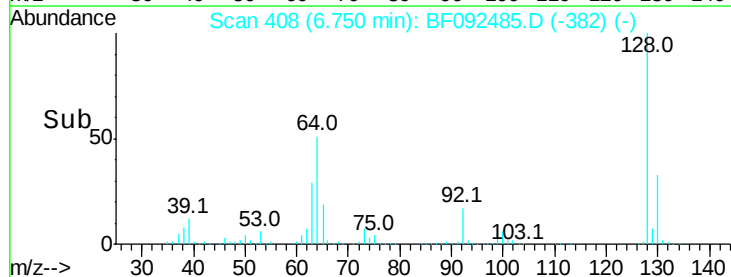
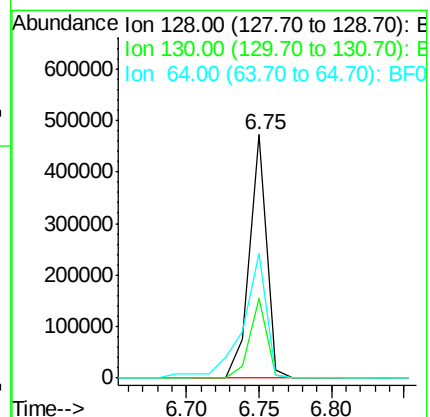
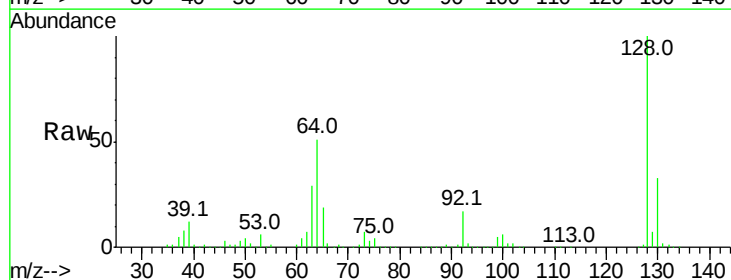
Tgt Ion: 128 Resp: 388337

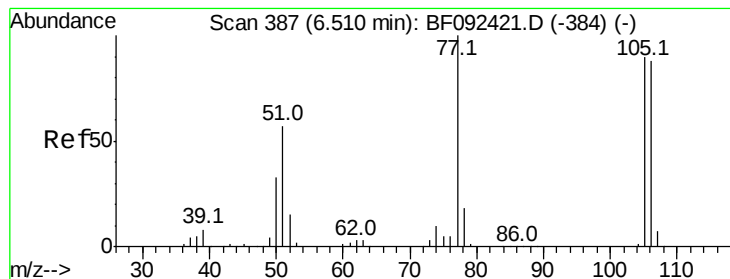
Ion Ratio Lower Upper

128 100

130 32.5 12.3 52.3

64 51.2 32.2 72.2





#9

Benzaldehyde

Concen: 22.43 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

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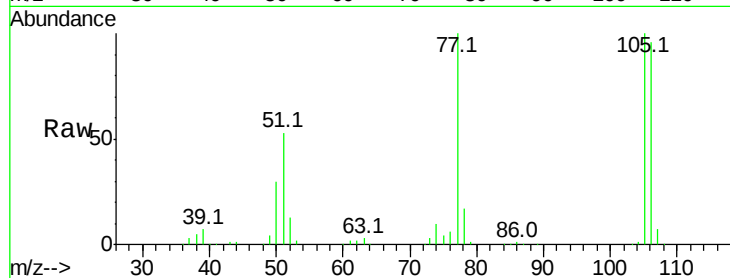
Tot Ion: 77 Resp: 207562

Ion Ratio Lower Upper

77 100

105 99.5 83.9 123.9

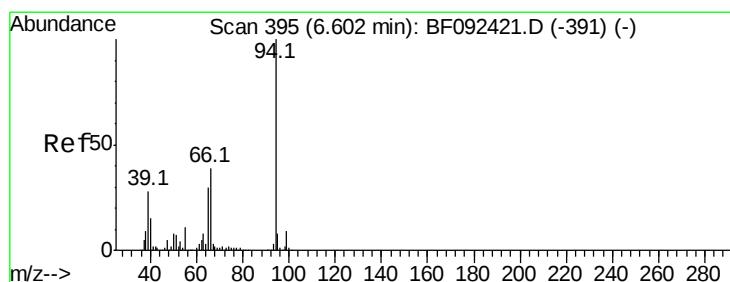
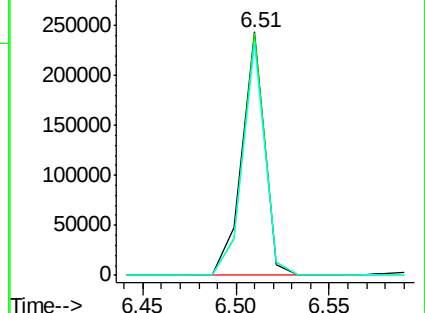
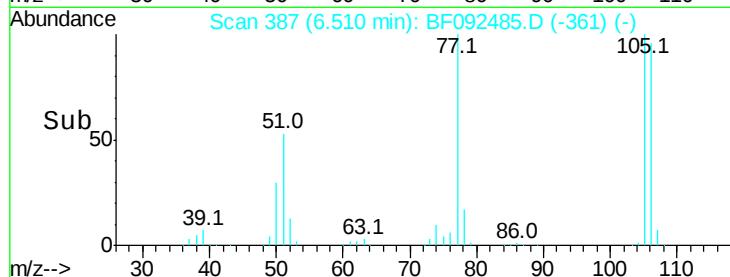
106 95.6 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 35.04 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF092485.D

Acq: 25 Jan 2017 19:13

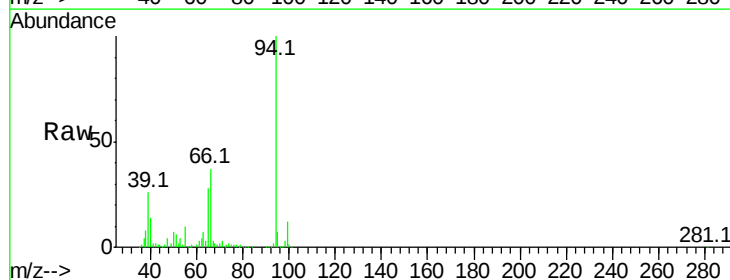
Tgt Ion: 94 Resp: 551548

Ion Ratio Lower Upper

94 100

65 28.4 21.4 61.4

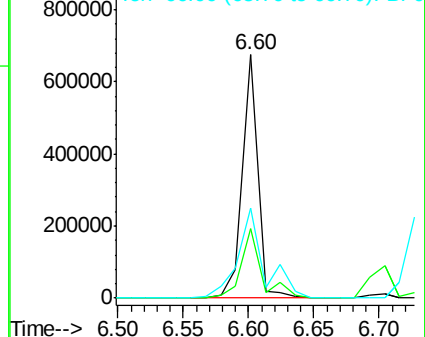
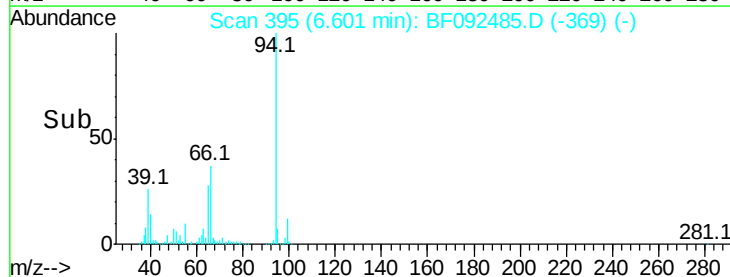
66 36.9 44.0 84.0#

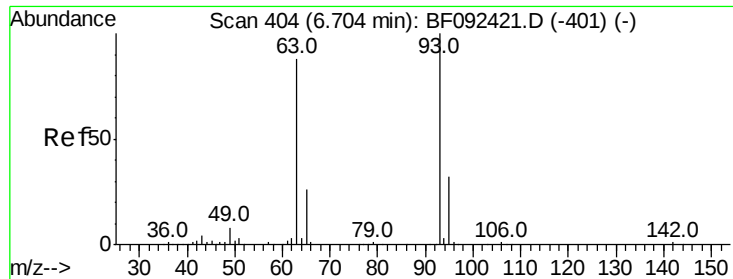


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 33.62 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF092485.D

Acq: 25 Jan 2017 19:13

Instrument :

BNA_F

ClientSampleId :

PB96282BS

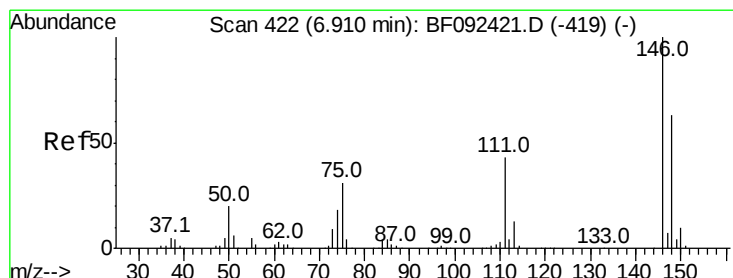
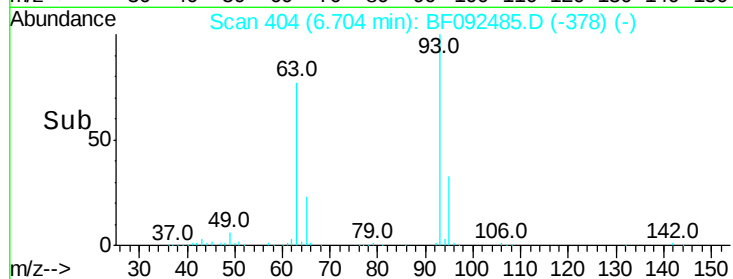
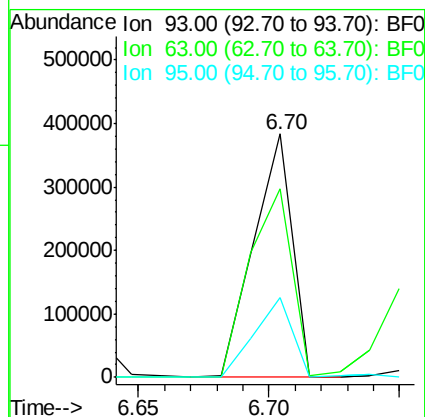
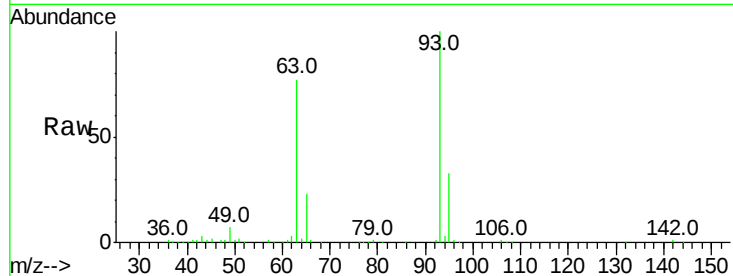
Tot Ion: 93 Resp: 395960

Ion Ratio Lower Upper

93 100

63 77.2 60.4 100.4

95 32.6 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 34.14 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.00 min

Lab File: BF092485.D

Acq: 25 Jan 2017 19:13

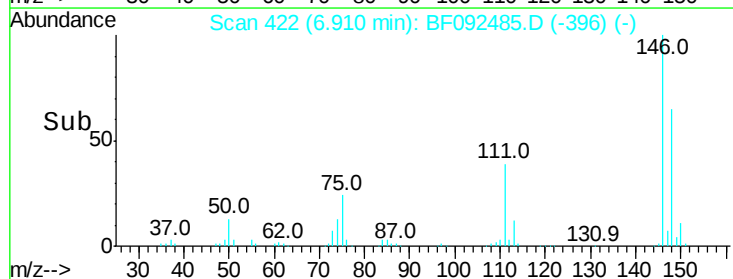
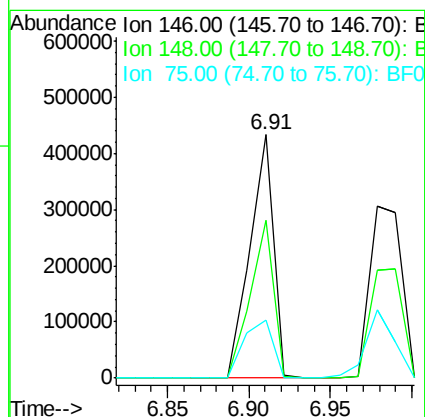
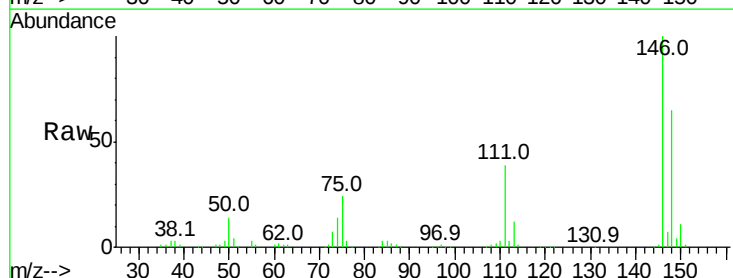
Tgt Ion: 146 Resp: 434120

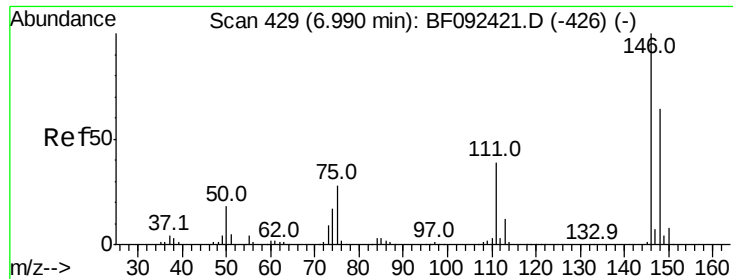
Ion Ratio Lower Upper

146 100

148 64.7 53.4 80.0

75 24.0 18.5 27.7





#13

1,4-Dichlorobenzene

Concen: 32.47 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF092485.D

Acq: 25 Jan 2017 19:13

Instrument :

BNA_F

ClientSampleId :

PB96282BS

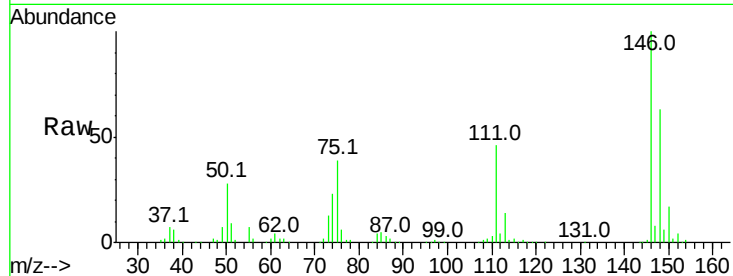
Tot Ion:146 Resp: 415552

Ion Ratio Lower Upper

146 100

148 62.6 50.6 76.0

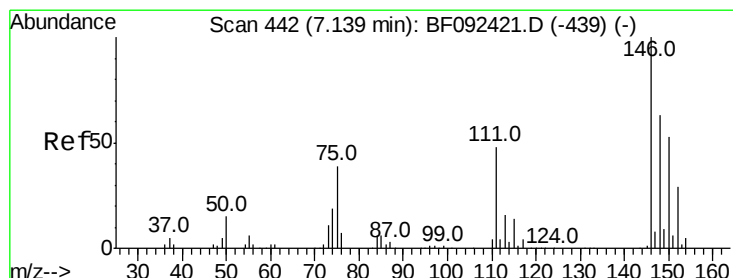
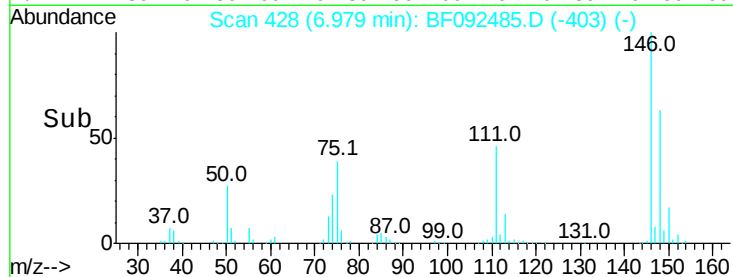
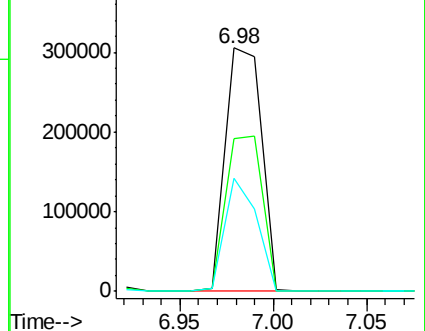
111 46.3 36.2 54.4



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: 33.99 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF092485.D

Acq: 25 Jan 2017 19:13

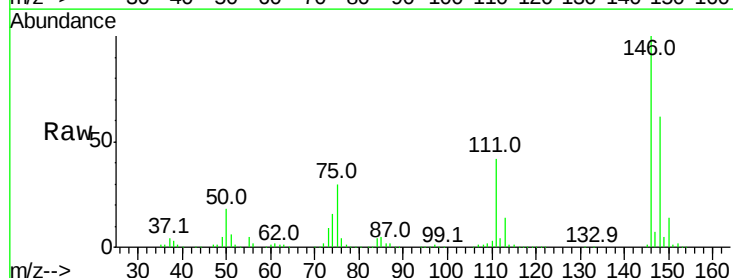
Tgt Ion:146 Resp: 412732

Ion Ratio Lower Upper

146 100

148 62.3 52.2 78.2

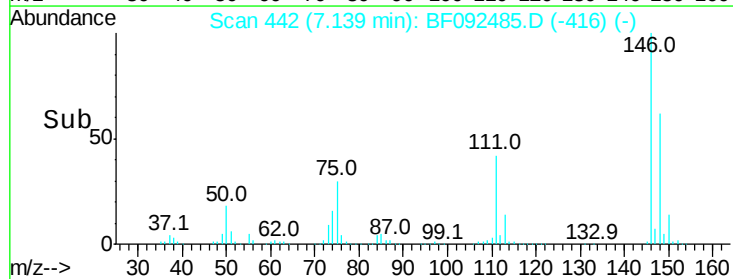
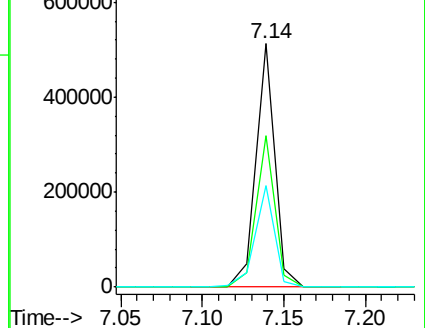
111 41.8 36.2 54.2

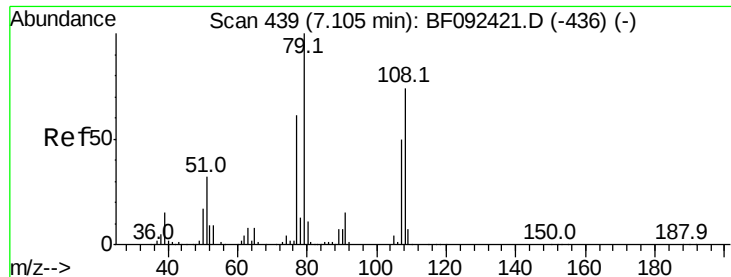


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 34.96 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.00 min

Lab File: BF092485.D

Acq: 25 Jan 2017 19:13

Instrument :

BNA_F

ClientSampleId :

PB96282BS

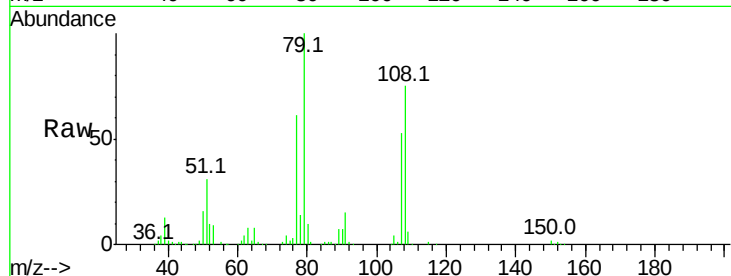
Tot Ion: 79 Resp: 343530

Ion Ratio Lower Upper

79 100

108 75.3 61.4 92.0

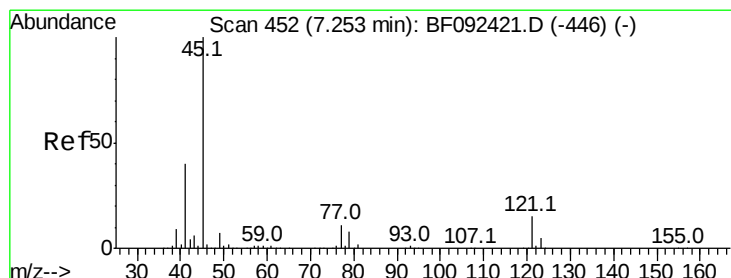
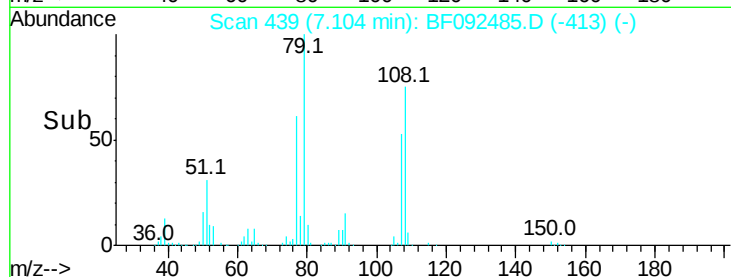
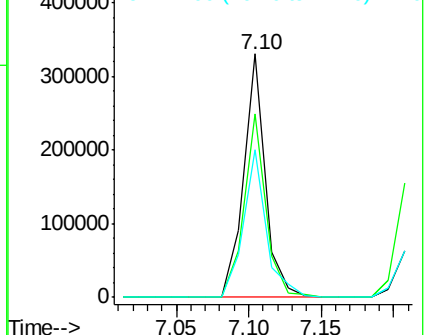
77 60.5 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.34 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF092485.D

Acq: 25 Jan 2017 19:13

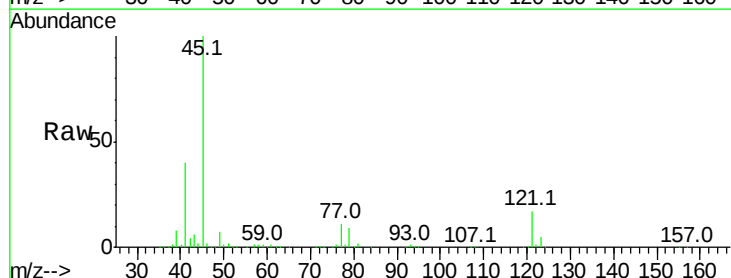
Tgt Ion: 45 Resp: 753231

Ion Ratio Lower Upper

45 100

77 11.3 0.0 34.6

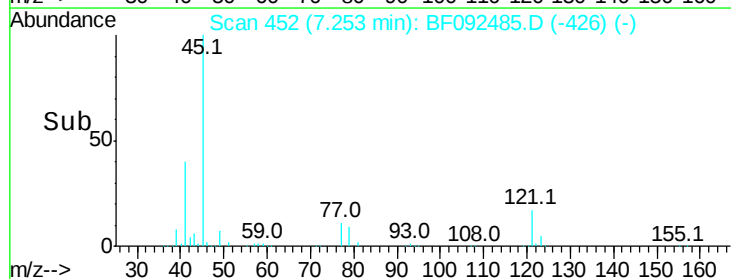
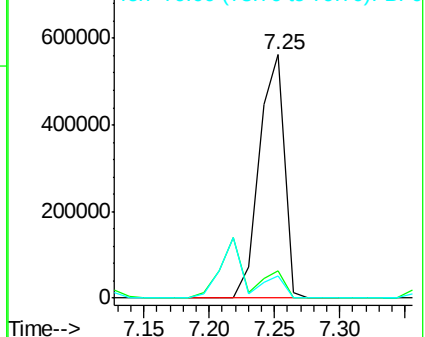
79 9.1 0.0 31.2

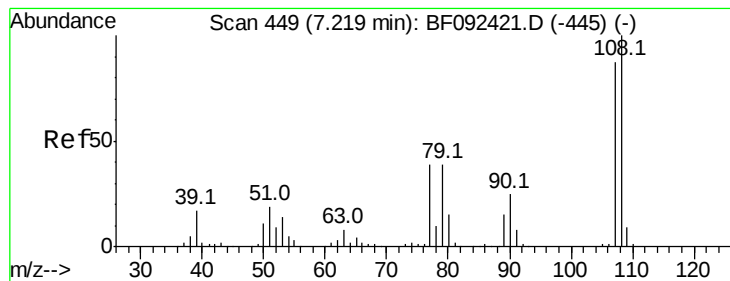


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

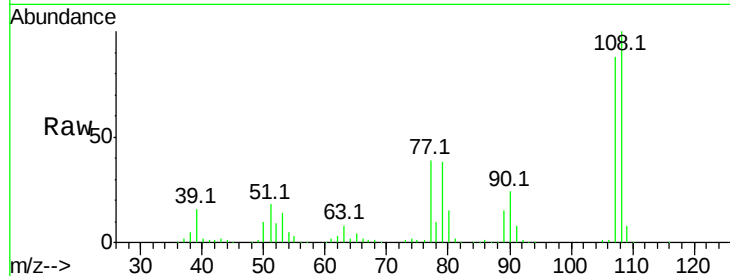




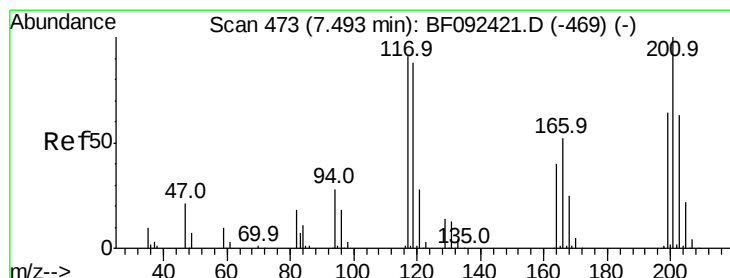
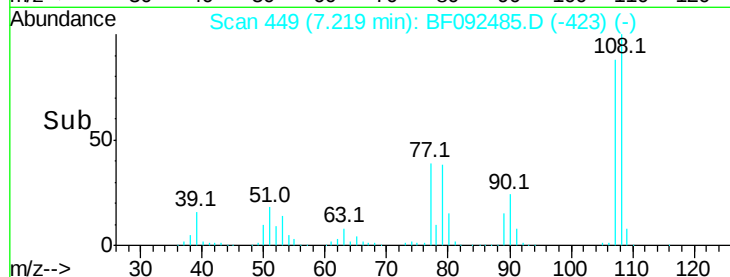
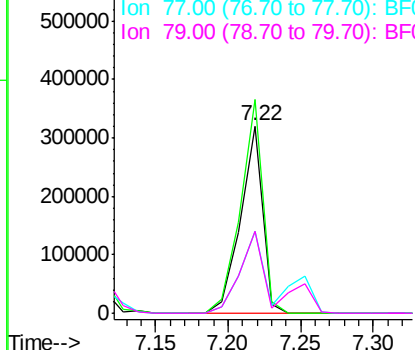
#17
2-Methylphenol
Concen: 37.03 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF092485.D
Acq: 25 Jan 2017 19:13

Instrument :
BNA_F
ClientSampleId :
PB96282BS

Tot Ion:107 Resp: 340246
Ion Ratio Lower Upper
107 100
108 114.1 93.0 139.6
77 44.1 39.8 59.8
79 43.5 38.0 57.0

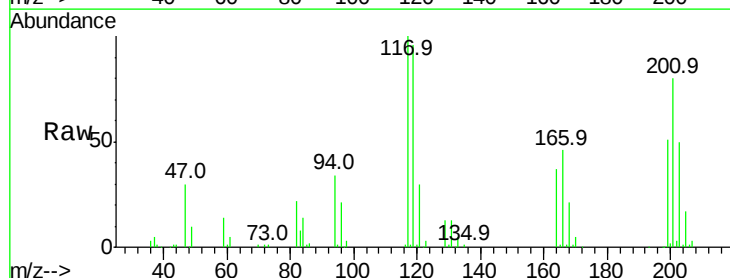


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

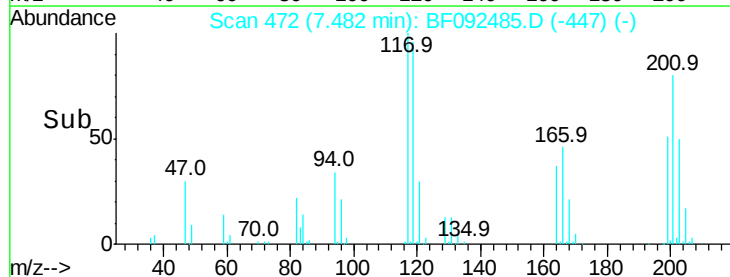
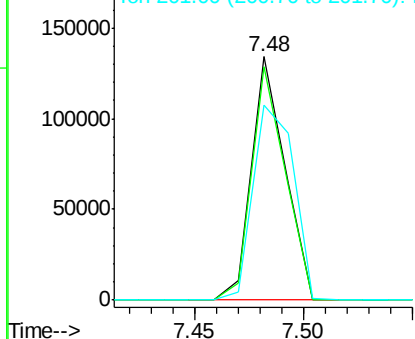


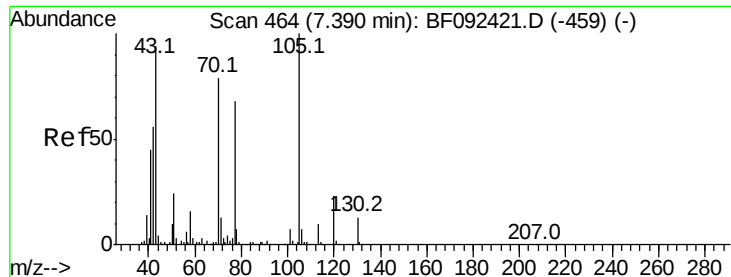
#18
Hexachloroethane
Concen: 32.50 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF092485.D
Acq: 25 Jan 2017 19:13

Tgt Ion:117 Resp: 143273
Ion Ratio Lower Upper
117 100
119 95.8 78.1 117.1
201 79.9 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

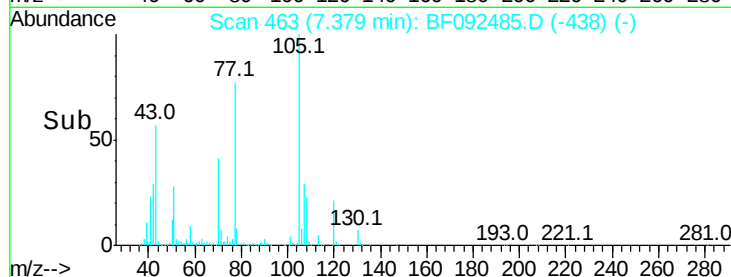
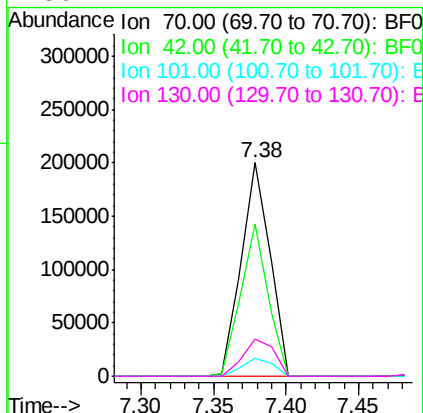
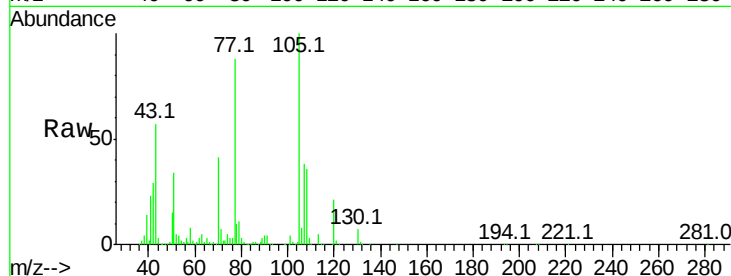




#19
n-Nitroso-di-n-propylamine
Concen: 30.99 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF092485.D
Acq: 25 Jan 2017 19:13

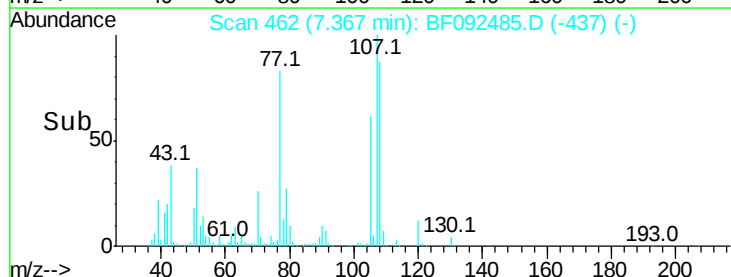
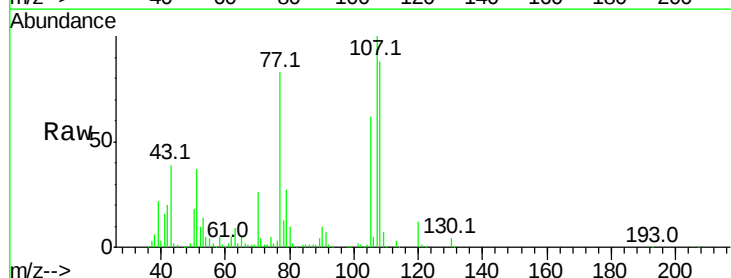
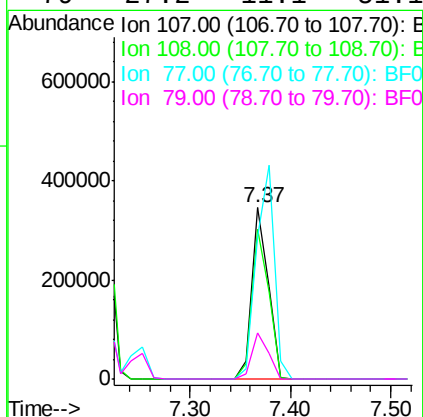
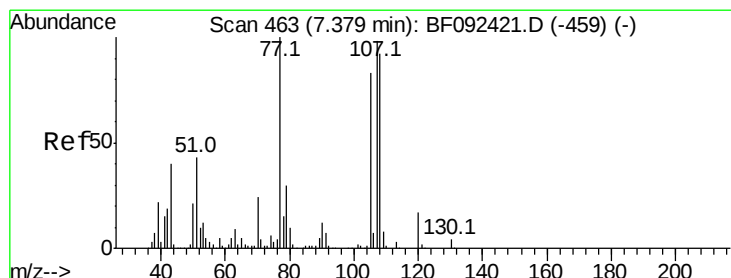
Instrument :
BNA_F
ClientSampleId :
PB96282BS

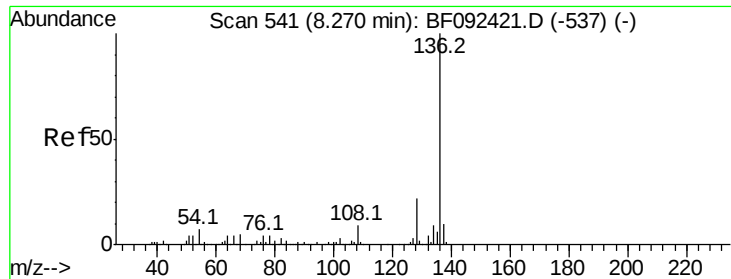
Tot Ion:	70	Resp:	275153
Ion	Ratio	Lower	Upper
70	100		
42	71.6	49.4	74.0
101	8.7	7.4	11.2
130	17.4	14.2	21.4



#20
3+4-Methylphenols
Concen: 35.21 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF092485.D
Acq: 25 Jan 2017 19:13

Tgt Ion:	107	Resp:	392507
Ion	Ratio	Lower	Upper
107	100		
108	87.6	73.0	113.0
77	82.7	71.3	111.3
79	27.2	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: BF092485.D

Acq: 25 Jan 2017 19:13

Instrument :

BNA_F

ClientSampleId :

PB96282BS

Tot Ion:136 Resp: 644665

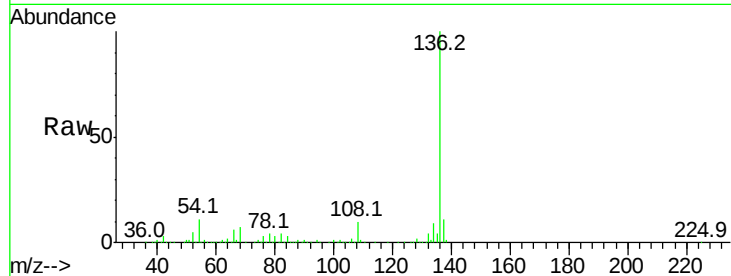
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 10.6 4.5 6.7#

68 7.4 3.6 5.4#

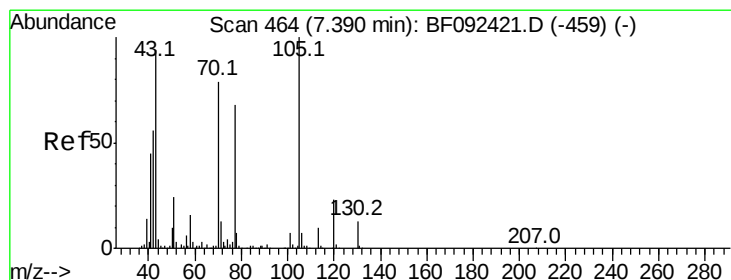
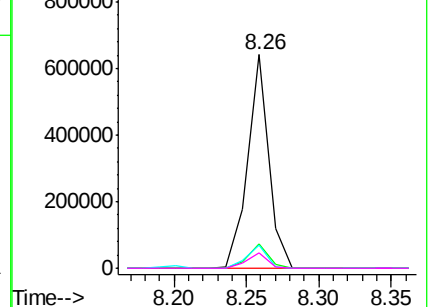
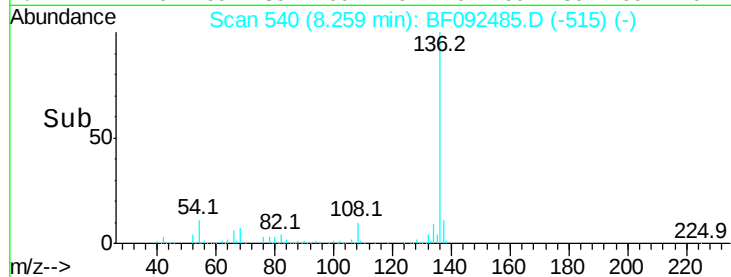


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 34.60 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.01 min

Lab File: BF092485.D

Acq: 25 Jan 2017 19:13

Tgt Ion:105 Resp: 531264

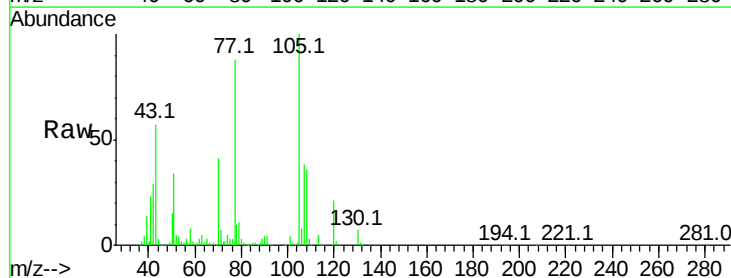
Ion Ratio Lower Upper

105 100

71 7.0 3.2 4.8#

51 34.3 26.2 39.4

120 20.8 16.6 24.8

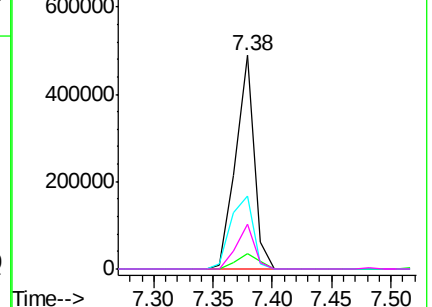
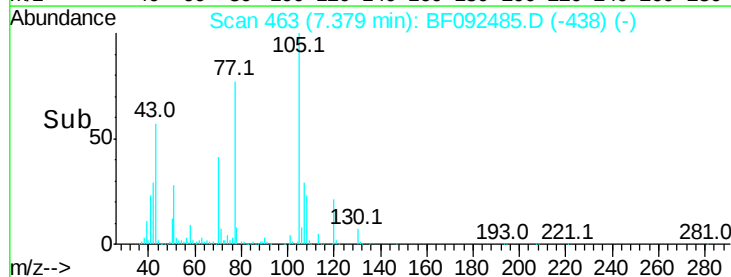


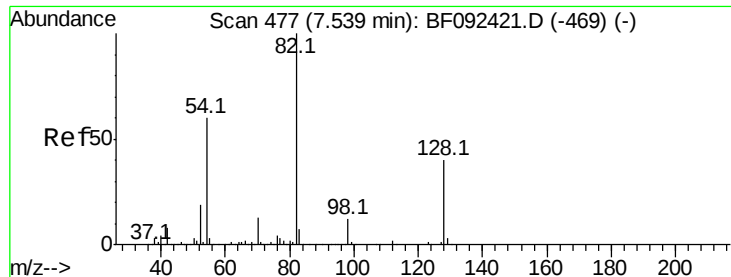
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

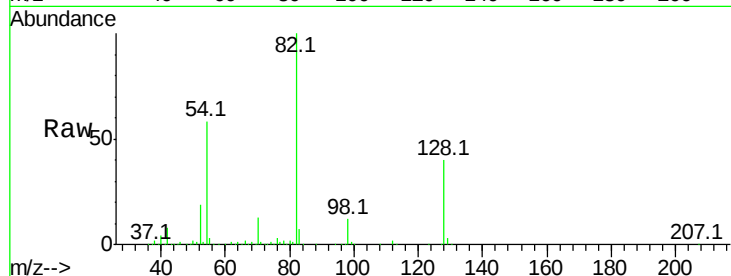




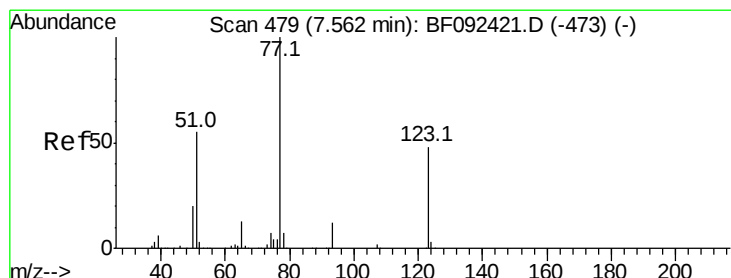
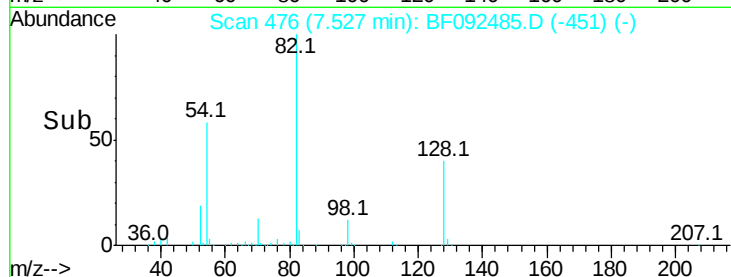
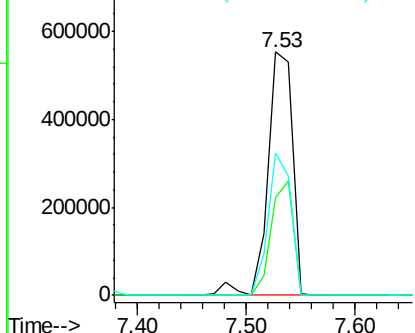
#23
Nitrobenzene-d5
Concen: 74.12 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF092485.D
Acq: 25 Jan 2017 19:13

Instrument :
BNA_F
ClientSampleId :
PB96282BS

Tot Ion: 82 Resp: 874787
Ion Ratio Lower Upper
82 100
128 39.9 34.6 52.0
54 58.4 39.5 59.3

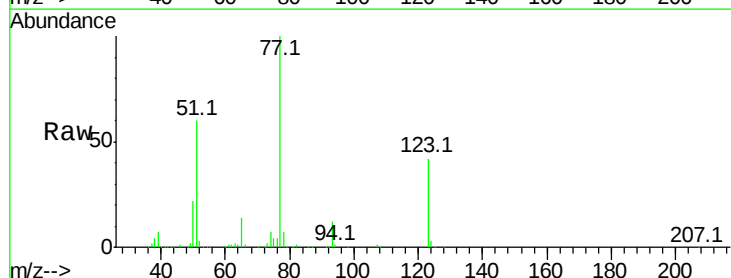


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

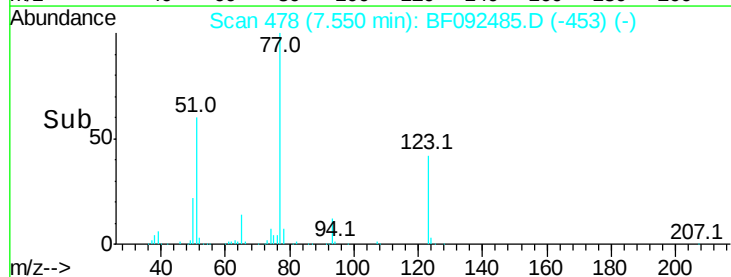
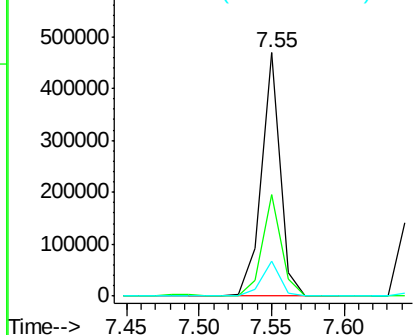


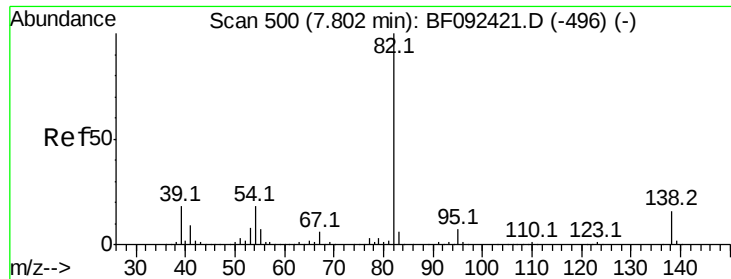
#24
Nitrobenzene
Concen: 33.97 ng
RT: 7.55 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF092485.D
Acq: 25 Jan 2017 19:13

Tgt Ion: 77 Resp: 419975
Ion Ratio Lower Upper
77 100
123 41.8 33.0 49.4
65 14.3 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: 33.55 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF092485.D

Acq: 25 Jan 2017 19:13

Instrument :

BNA_F

ClientSampleId :

PB96282BS

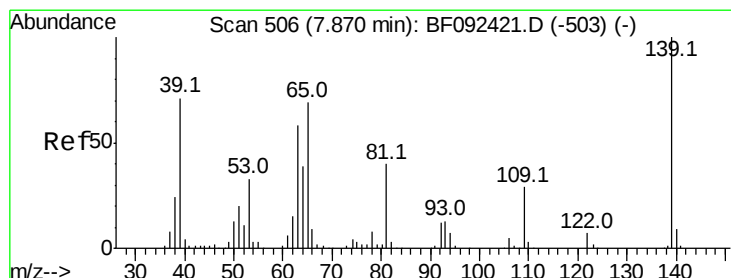
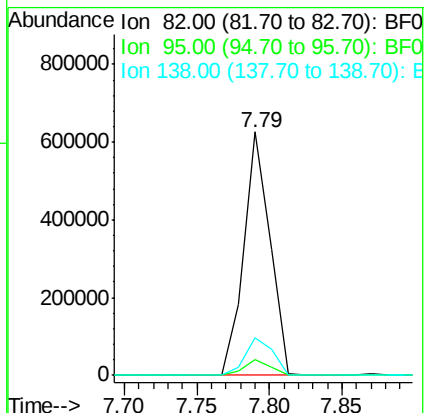
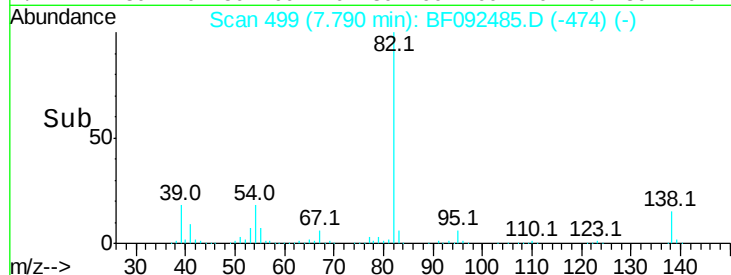
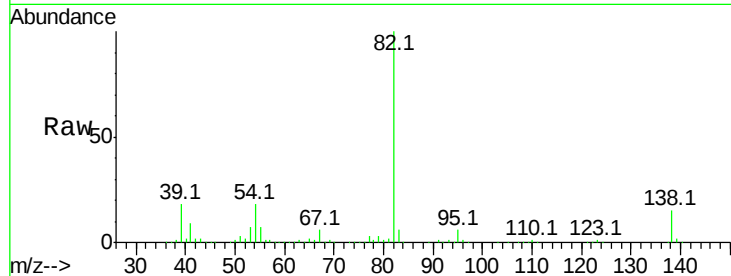
Tot Ion: 82 Resp: 780230

Ion Ratio Lower Upper

82 100

95 6.4 5.6 8.4

138 15.3 14.6 22.0



#26

2-Nitrophenol

Concen: 38.44 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF092485.D

Acq: 25 Jan 2017 19:13

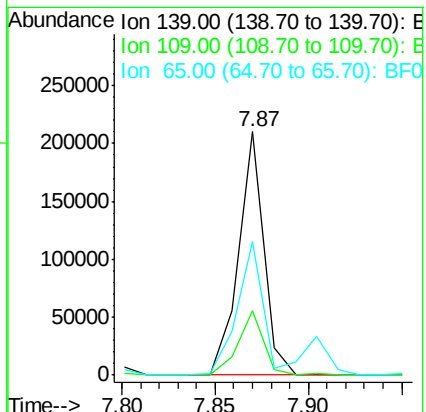
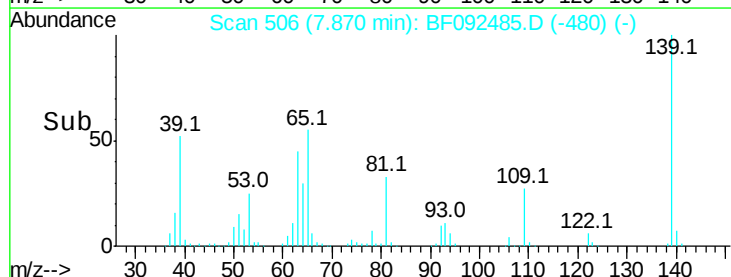
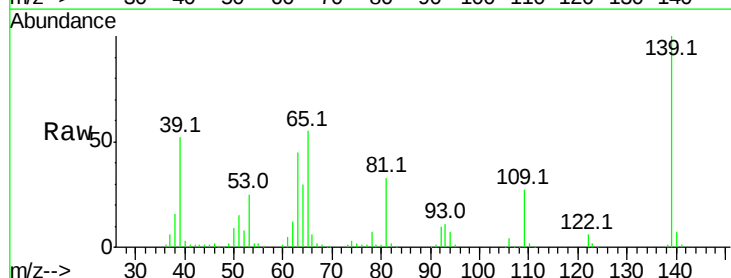
Tgt Ion: 139 Resp: 199157

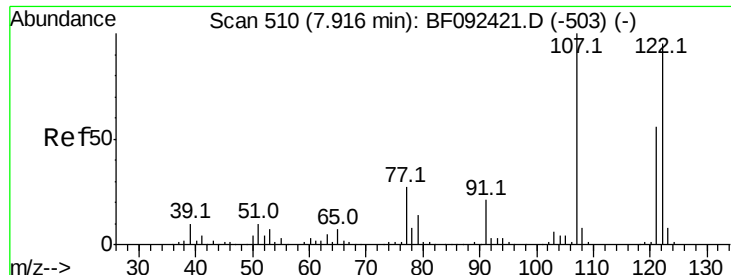
Ion Ratio Lower Upper

139 100

109 26.5 23.3 34.9

65 54.7 42.7 64.1

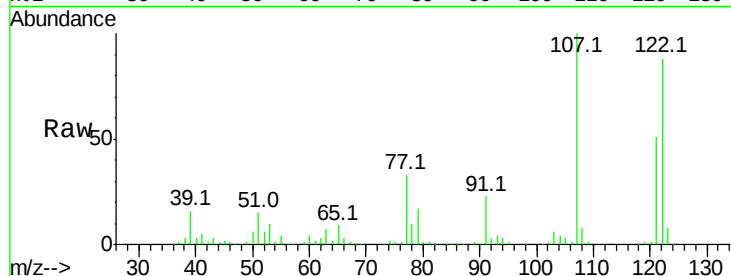




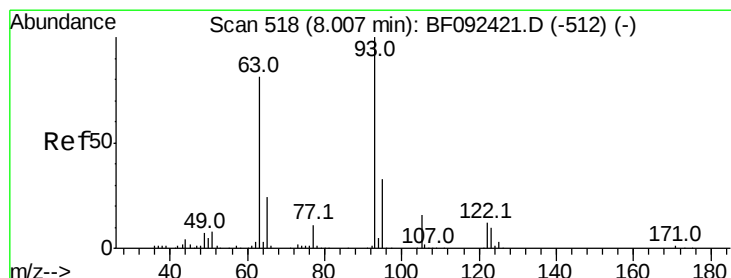
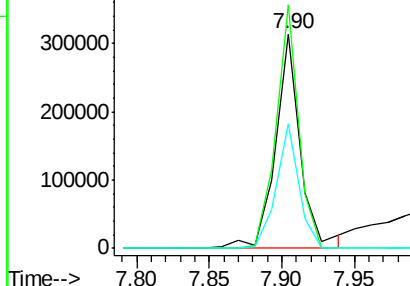
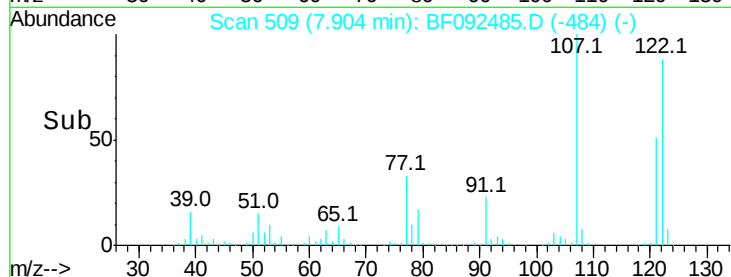
#27
2,4-Dimethylphenol
Concen: 34.72 ng
RT: 7.90 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF092485.D
Acq: 25 Jan 2017 19:13

Instrument :
BNA_F
ClientSampleId :
PB96282BS

Tot Ion:122 Resp: 374091
Ion Ratio Lower Upper
122 100
107 113.5 94.1 141.1
121 57.8 46.0 69.0

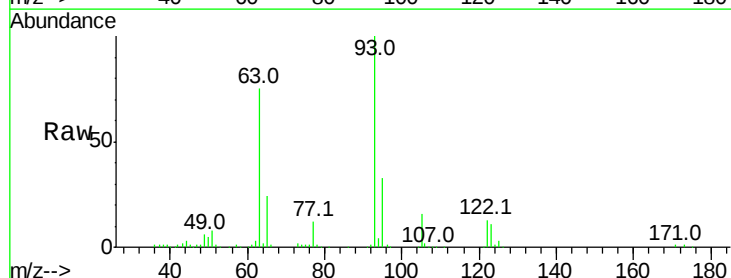


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

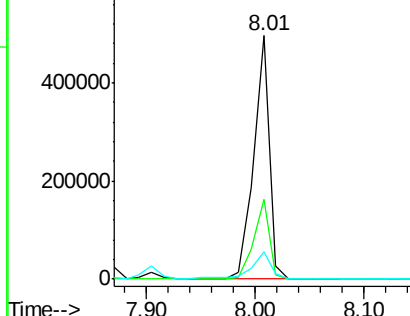
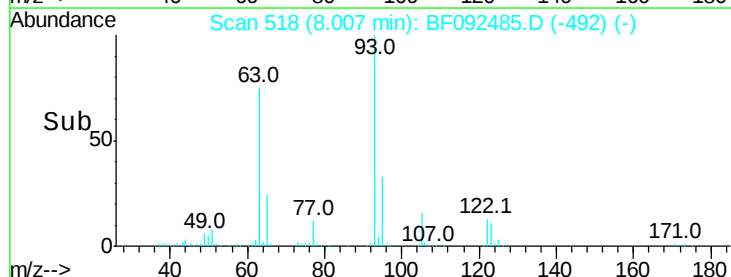


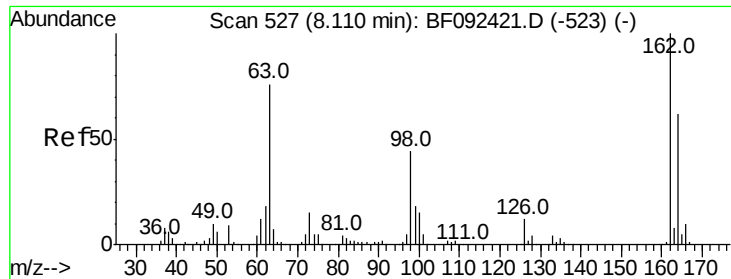
#28
bis(2-Chloroethoxy)methane
Concen: 32.57 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.00 min
Lab File: BF092485.D
Acq: 25 Jan 2017 19:13

Tgt Ion: 93 Resp: 497229
Ion Ratio Lower Upper
93 100
95 32.9 26.5 39.7
123 11.1 8.6 13.0



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

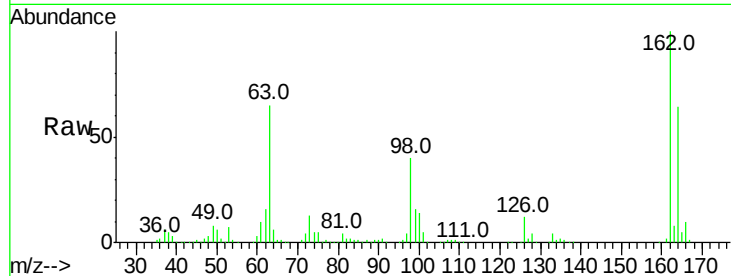




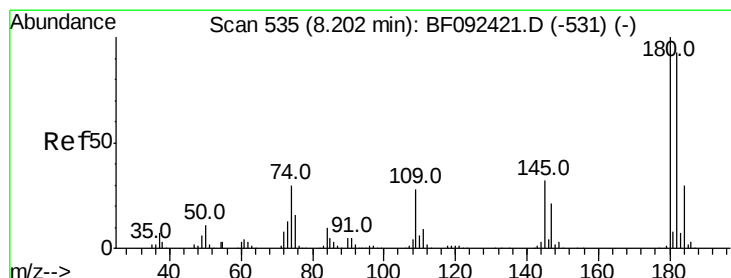
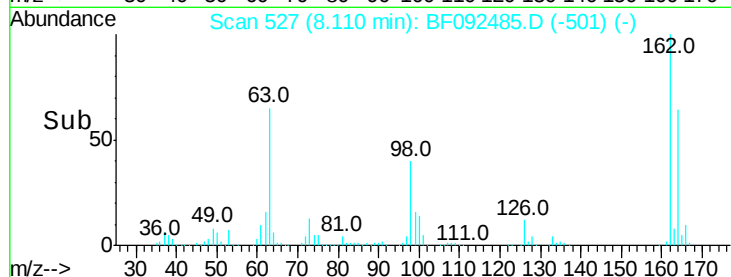
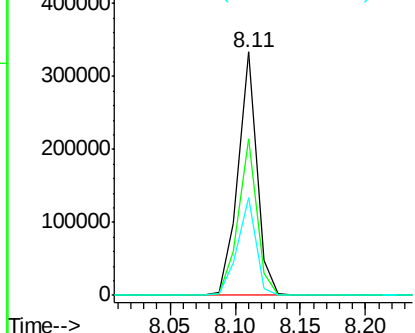
#29
 2,4-Dichlorophenol
 Concen: 35.74 ng
 RT: 8.11 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: BF092485.D
 Acq: 25 Jan 2017 19:13

Instrument :
 BNA_F
 ClientSampled :
 PB96282BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	46.8	86.8
98	40.0	9.1	49.1

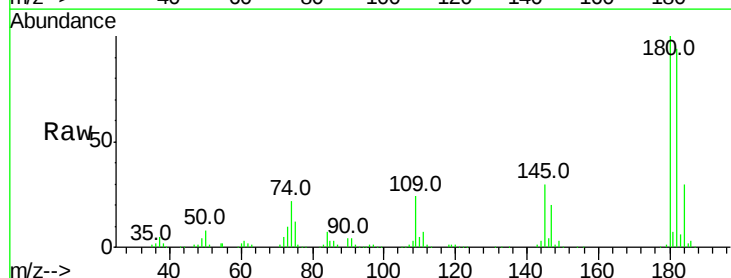


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

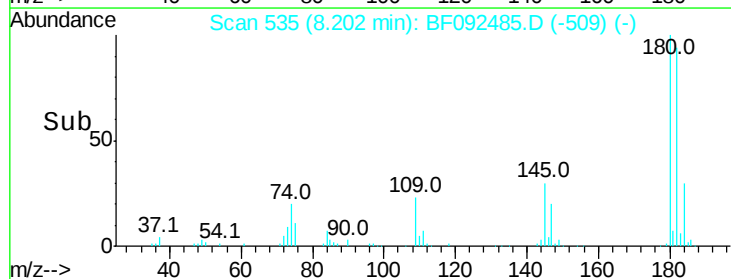
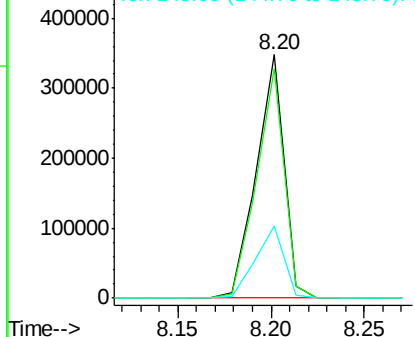


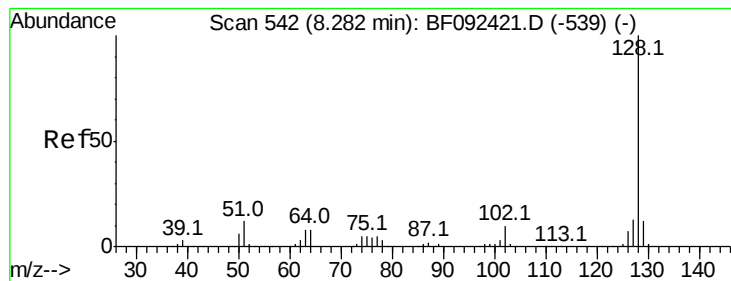
#30
 1,2,4-Trichlorobenzene
 Concen: 35.34 ng
 RT: 8.20 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: BF092485.D
 Acq: 25 Jan 2017 19:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	78.2	117.4
145	29.6	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: 32.78 ng

RT: 8.28 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF092485.D

Acq: 25 Jan 2017 19:13

Instrument :

BNA_F

ClientSampleId :

PB96282BS

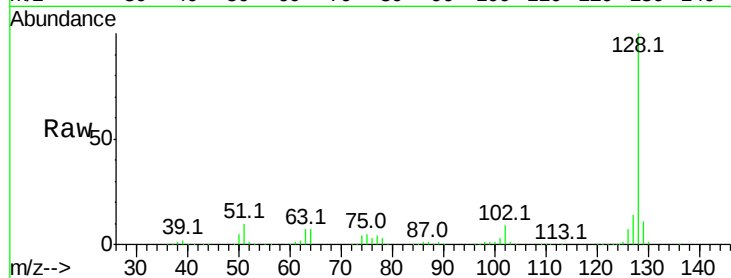
Tot Ion:128 Resp: 1081623

Ion Ratio Lower Upper

128 100

129 11.2 9.5 14.3

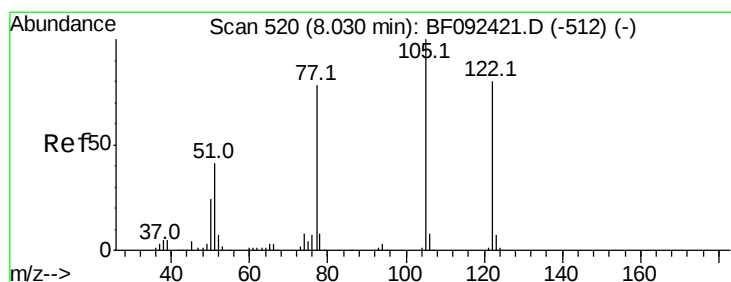
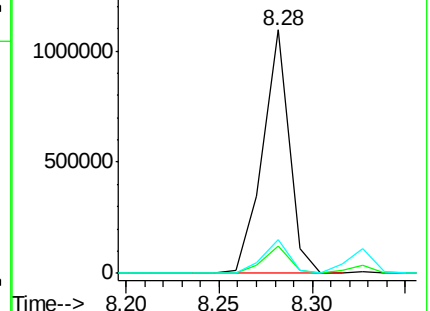
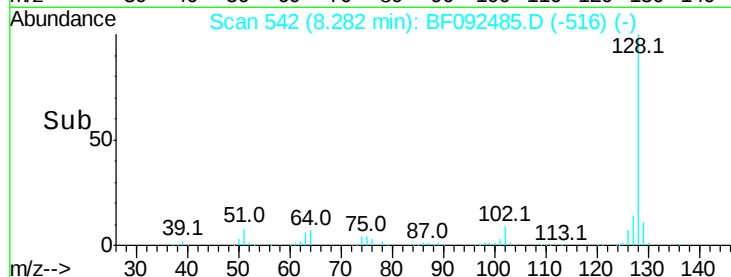
127 13.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 33.49 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF092485.D

Acq: 25 Jan 2017 19:13

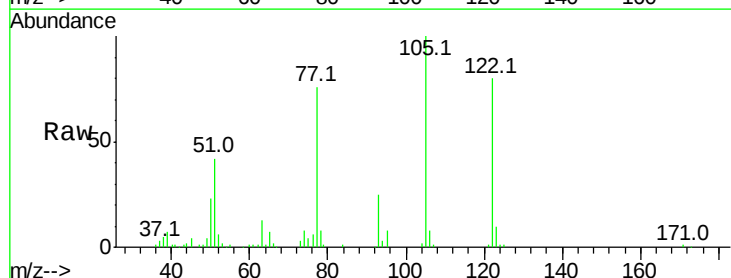
Tgt Ion:122 Resp: 257080

Ion Ratio Lower Upper

122 100

105 125.7 107.2 147.2

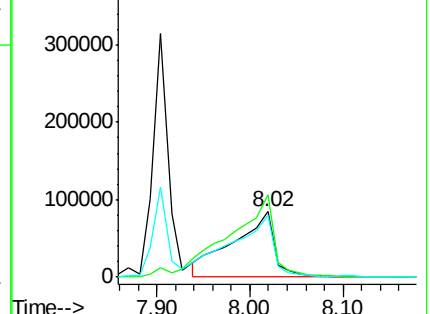
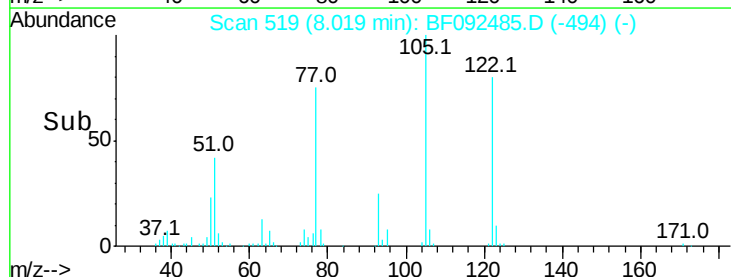
77 95.5 74.5 114.5

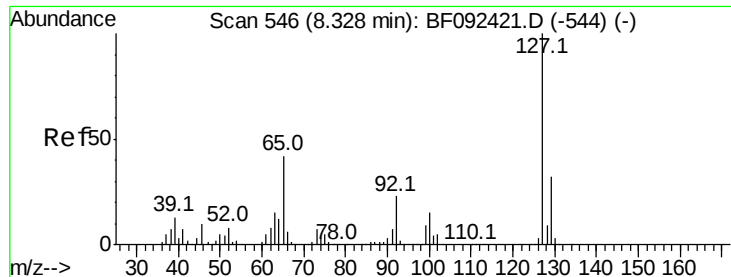


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

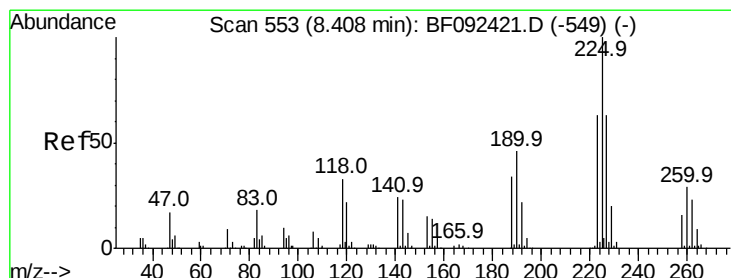
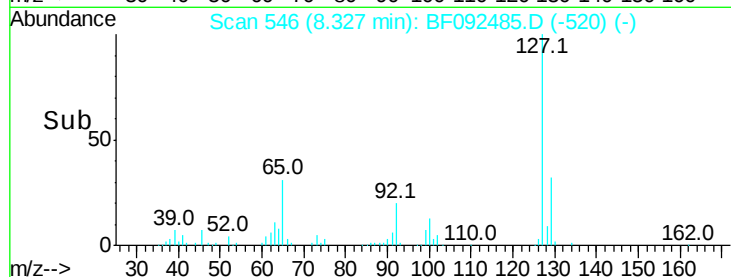
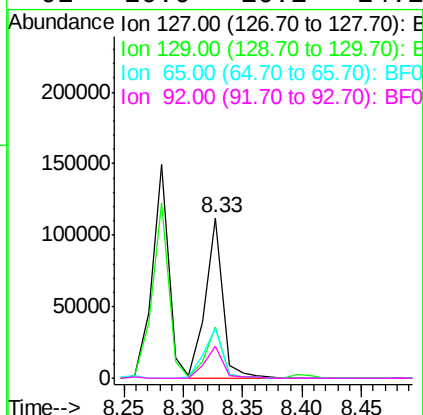
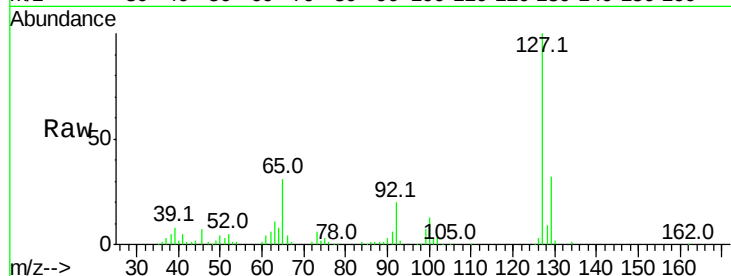




#33
4-Chloroaniline
Concen: 8.25 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF092485.D
Acq: 25 Jan 2017 19:13

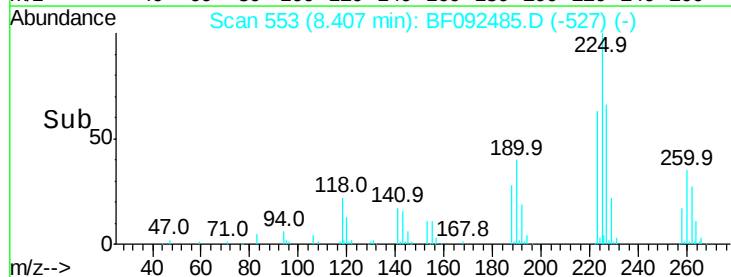
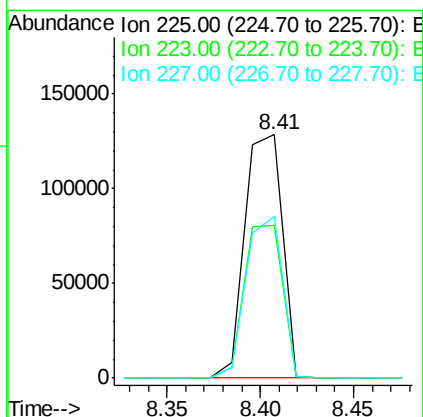
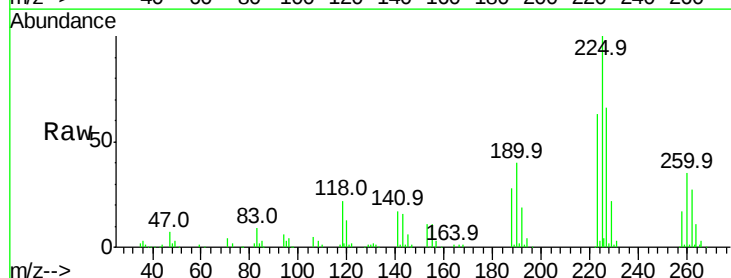
Instrument :
BNA_F
ClientSampleId :
PB96282BS

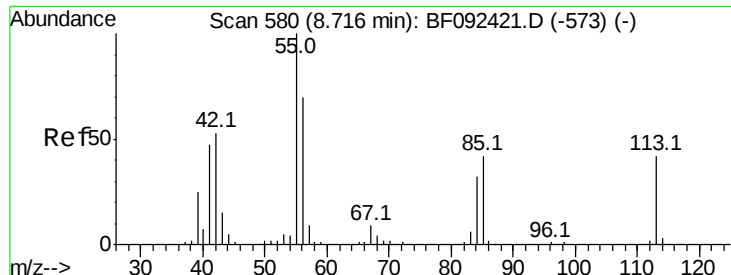
Tot Ion:	127	Resp:	115161
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.3	39.5
65	31.4	25.8	38.8
92	20.0	16.1	24.1



#34
Hexachlorobutadiene
Concen: 32.43 ng
RT: 8.41 min Scan# 553
Delta R.T. -0.00 min
Lab File: BF092485.D
Acq: 25 Jan 2017 19:13

Tgt Ion:	225	Resp:	179073
Ion	Ratio	Lower	Upper
225	100		
223	62.7	51.0	76.6
227	66.2	50.6	76.0

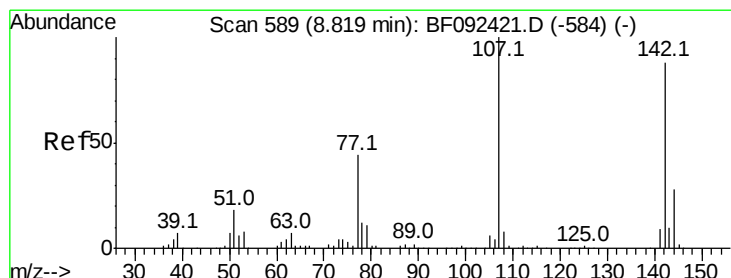
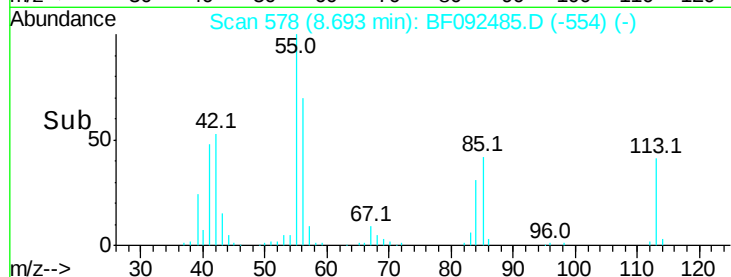
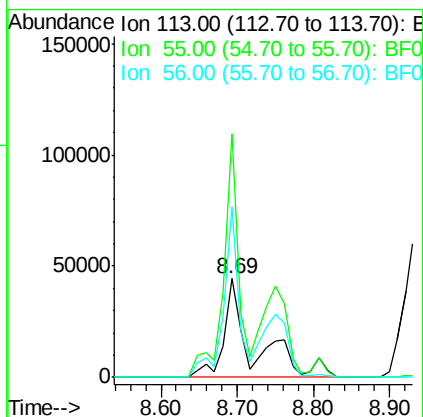
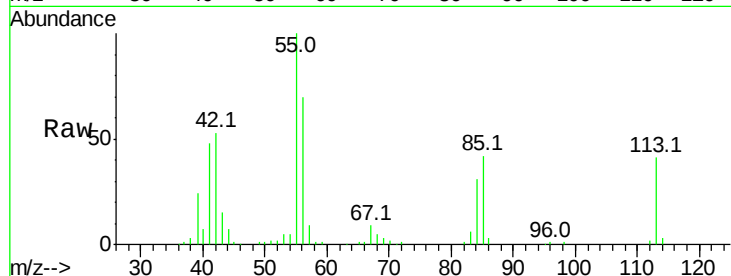




#35
 Caprolactam
 Concen: 37.36 ng/ml
 RT: 8.69 min Scan# 578
 Delta R.T. -0.02 min
 Lab File: BF092485.D
 Acq: 25 Jan 2017 19:13

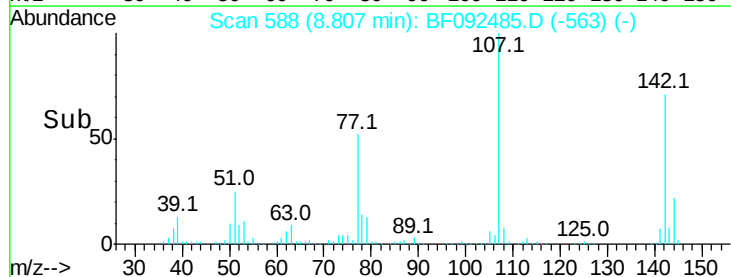
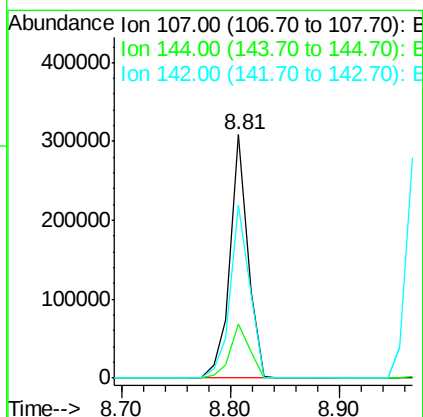
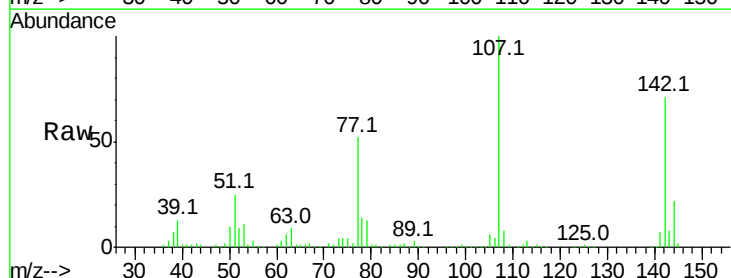
Instrument :
 BNA_F
 ClientSampleID :
 PB96282BS

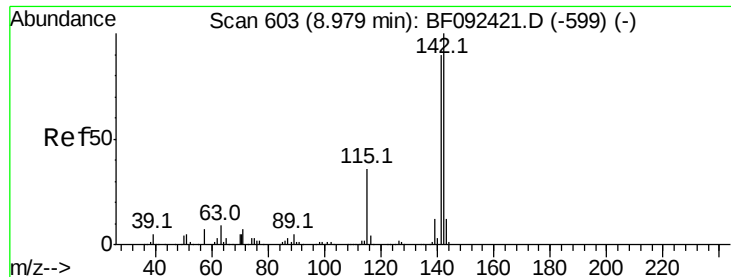
Tot Ion:113 Resp: 116538
 Ion Ratio Lower Upper
 113 100
 55 246.1 119.2 159.2#
 56 172.2 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 34.89 ng/ml
 RT: 8.81 min Scan# 588
 Delta R.T. -0.01 min
 Lab File: BF092485.D
 Acq: 25 Jan 2017 19:13

Tgt Ion:107 Resp: 351416
 Ion Ratio Lower Upper
 107 100
 144 22.4 19.3 28.9
 142 71.2 59.0 88.6





#37

2-Methylnaphthalene

Concen: 35.70 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.00 min

Lab File: BF092485.D

Acq: 25 Jan 2017 19:13

Instrument :

BNA_F

ClientSampleId :

PB96282BS

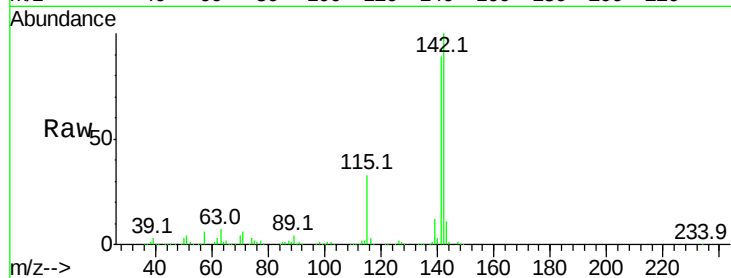
Tot Ion:142 Resp: 745640

Ion Ratio Lower Upper

142 100

141 89.3 71.0 106.6

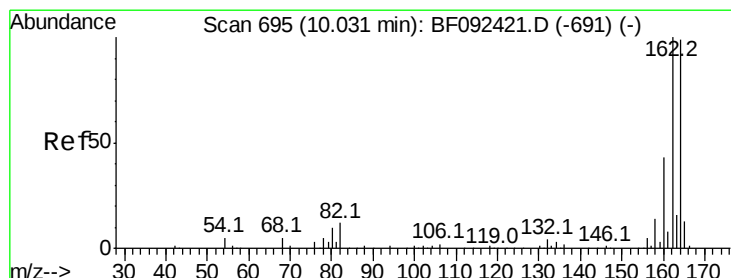
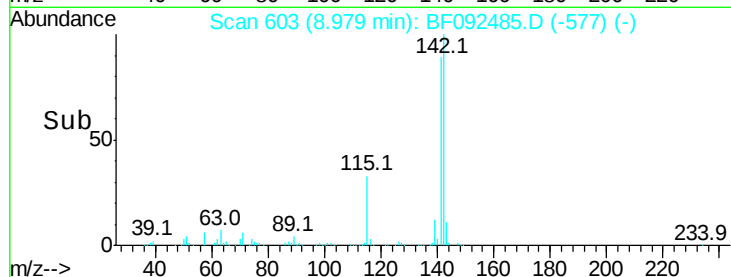
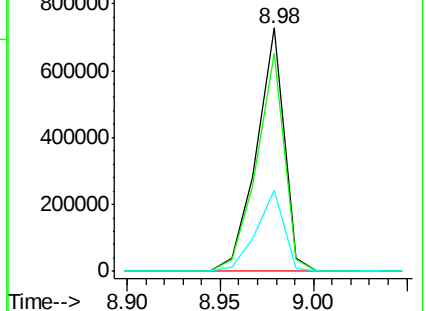
115 33.2 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF092485.D

Acq: 25 Jan 2017 19:13

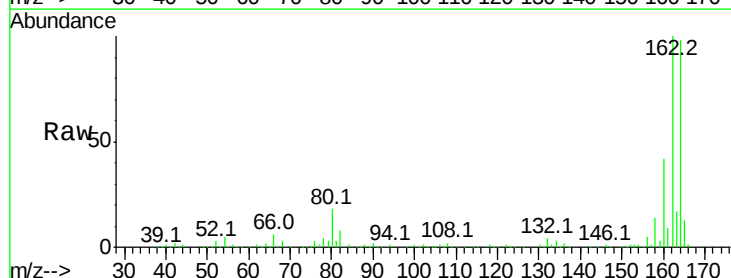
Tgt Ion:164 Resp: 361339

Ion Ratio Lower Upper

164 100

162 102.2 80.2 120.2

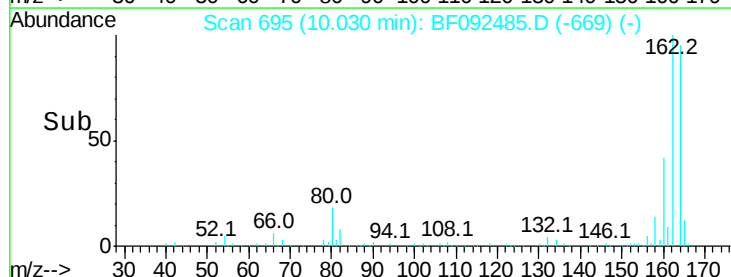
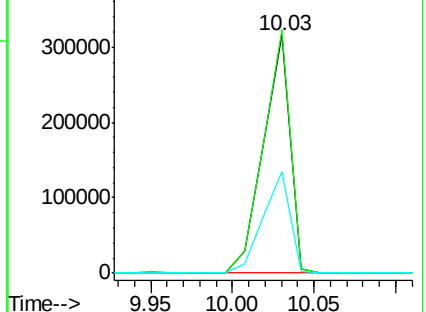
160 42.9 36.9 55.3

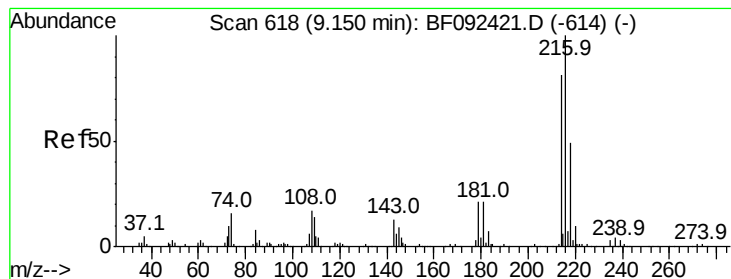


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.75 ng

RT: 9.15 min Scan# 618

Delta R.T. -0.00 min

Lab File: BF092485.D

Acq: 25 Jan 2017 19:13

Instrument :

BNA_F

ClientSampleId :

PB96282BS

Tot Ion:216 Resp: 344041

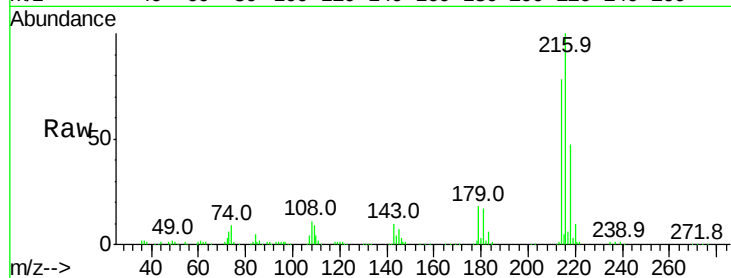
Ion Ratio Lower Upper

216 100

214 79.5 63.4 95.0

179 20.7 17.4 26.2

108 19.4 15.6 23.4

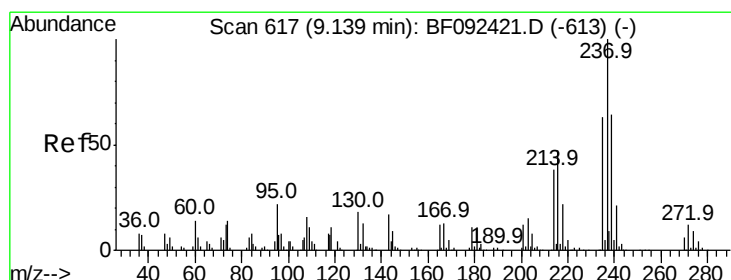
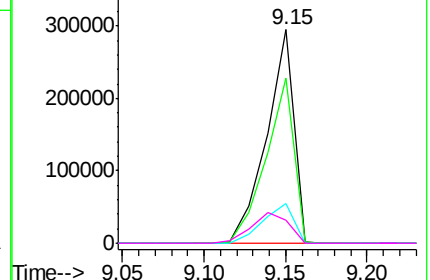
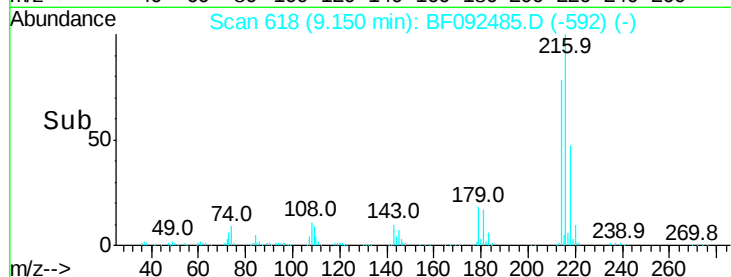


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 74.88 ng

RT: 9.14 min Scan# 617

Delta R.T. -0.00 min

Lab File: BF092485.D

Acq: 25 Jan 2017 19:13

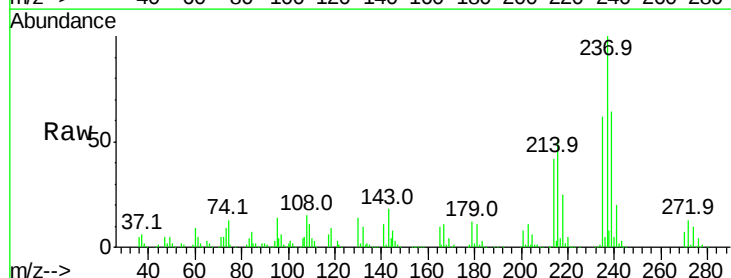
Tgt Ion:237 Resp: 341807

Ion Ratio Lower Upper

237 100

235 61.9 41.2 81.2

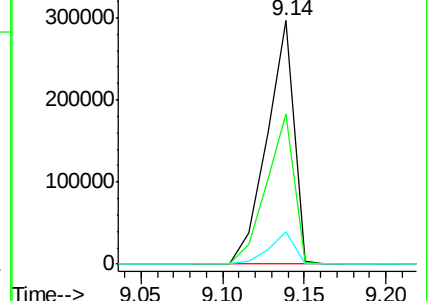
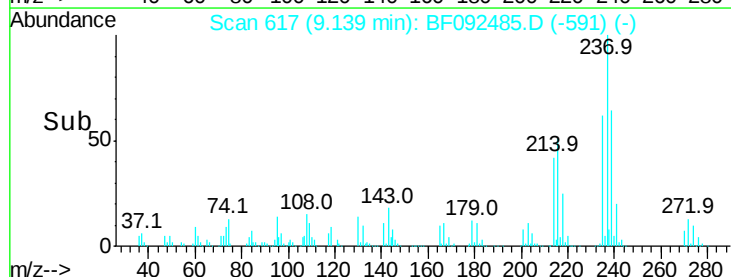
272 13.3 0.0 35.4

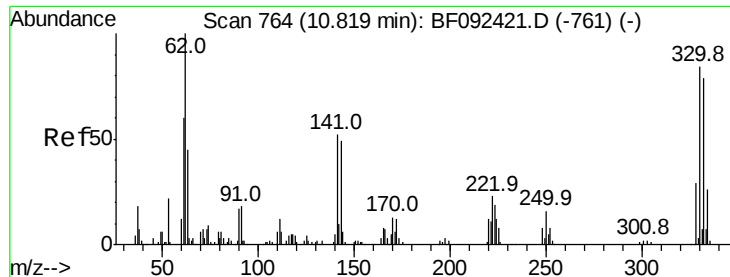


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

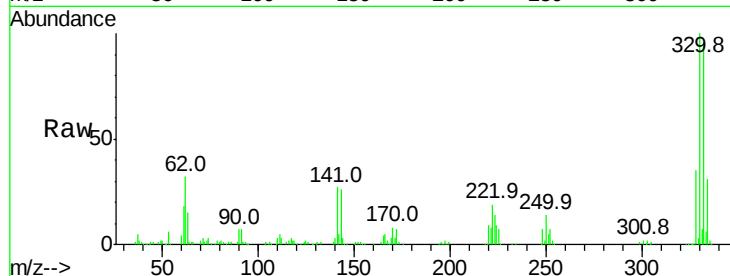




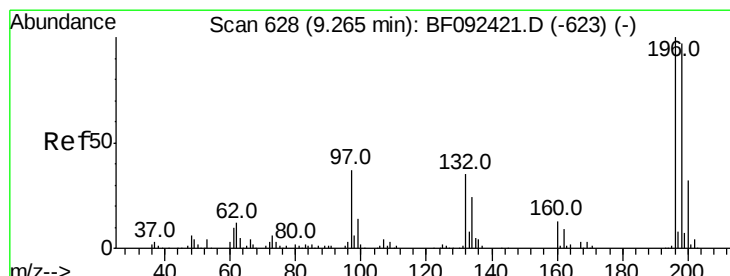
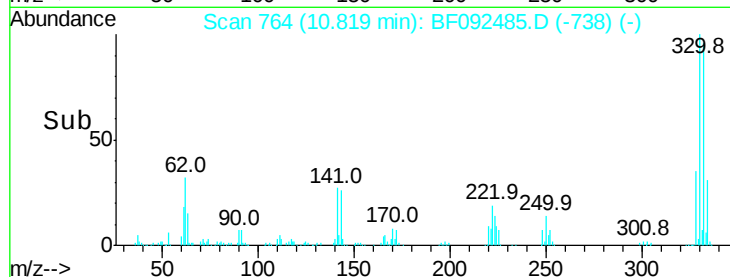
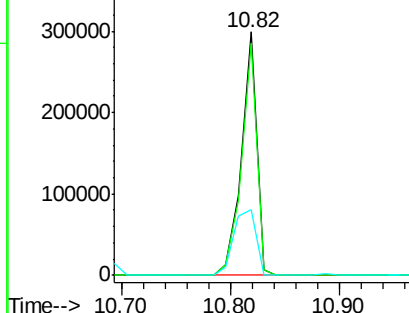
#41
 2,4,6-Tribromophenol
 Concen: 117.15 ng
 RT: 10.82 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BF092485.D
 Acq: 25 Jan 2017 19:13

Instrument :
 BNA_F
 ClientSampleId :
 PB96282BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.4	116.2
141	39.4	34.1	51.1

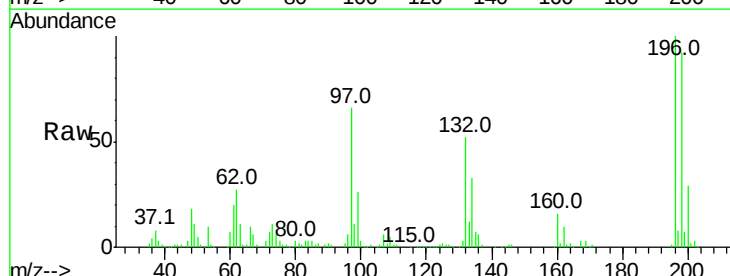


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

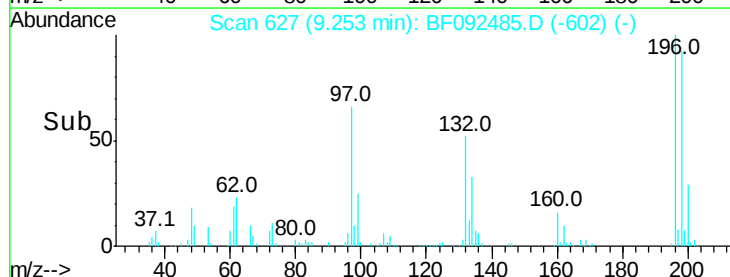
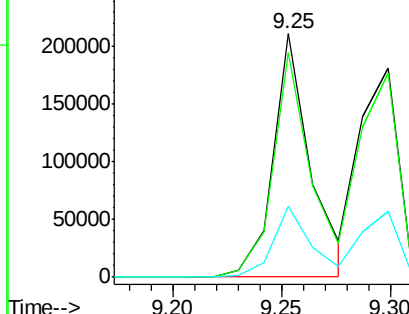


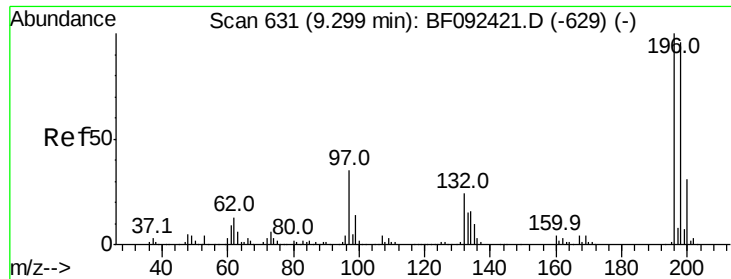
#42
 2,4,6-Trichlorophenol
 Concen: 36.21 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF092485.D
 Acq: 25 Jan 2017 19:13

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.0	82.1	123.1
200	29.1	27.0	40.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

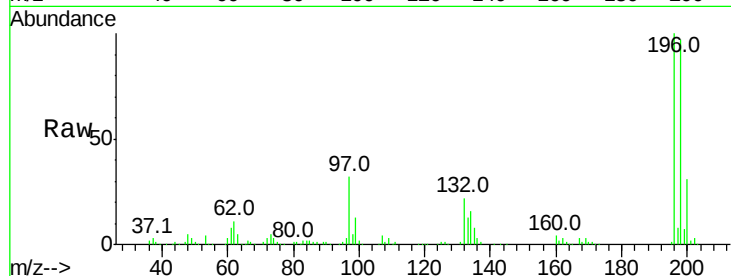




#43
 2,4,5-Trichlorophenol
 Concen: 35.16 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF092485.D
 Acq: 25 Jan 2017 19:13

Instrument :
 BNA_F
 ClientSampleId :
 PB96282BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.2	79.4	119.2
97	32.3	51.5	77.3#
132	22.0	27.4	41.2#



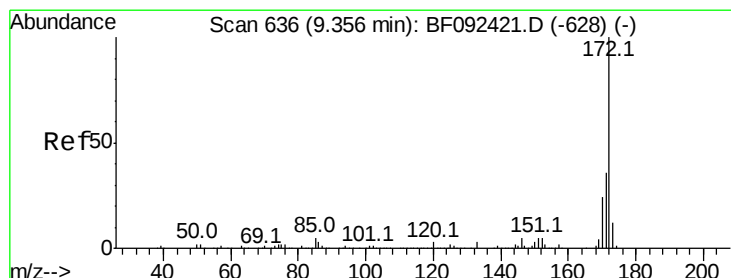
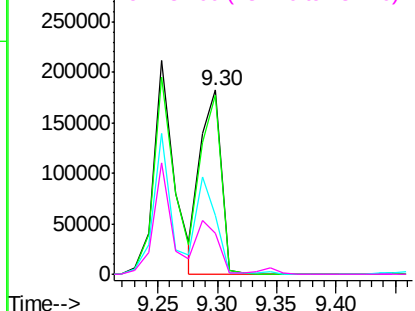
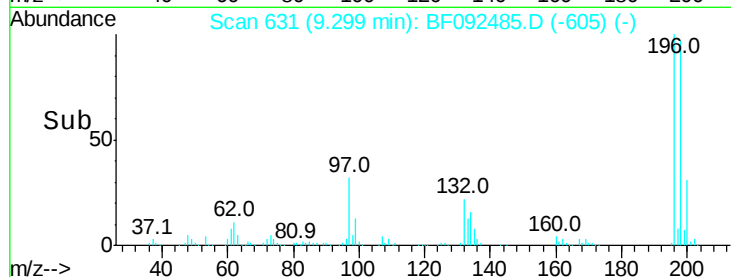
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

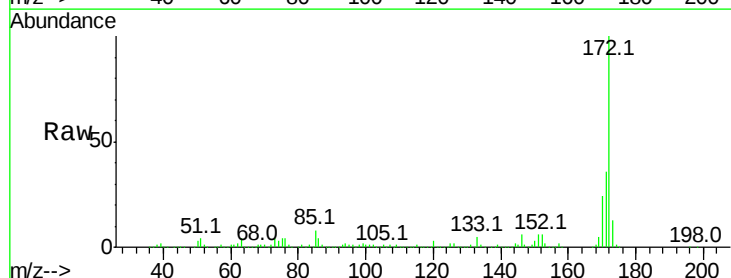
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 69.78 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092485.D
 Acq: 25 Jan 2017 19:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.4	20.2	30.4

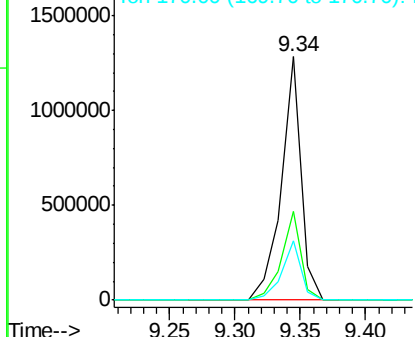
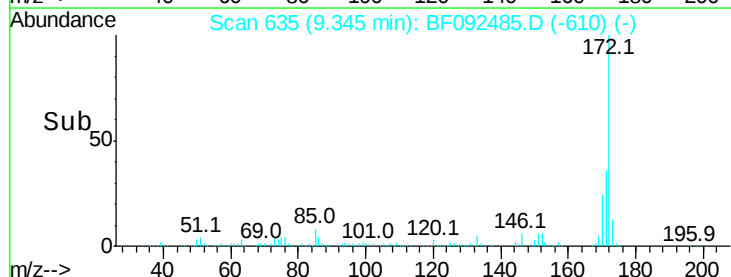


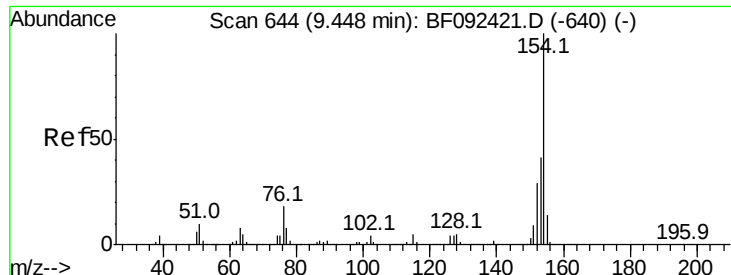
Abundance

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: 36.79 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.00 min

Lab File: BF092485.D

Acq: 25 Jan 2017 19:13

Instrument :

BNA_F

ClientSampleId :

PB96282BS

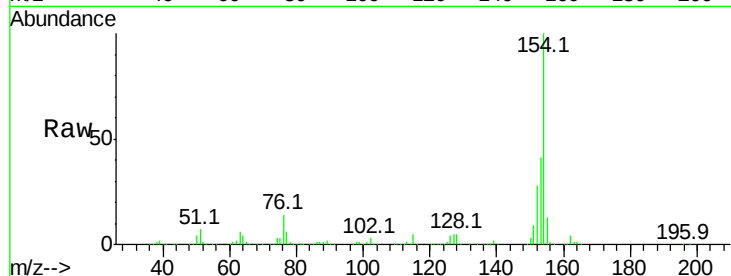
Tot Ion:154 Resp: 960946

Ion Ratio Lower Upper

154 100

153 40.8 20.9 60.9

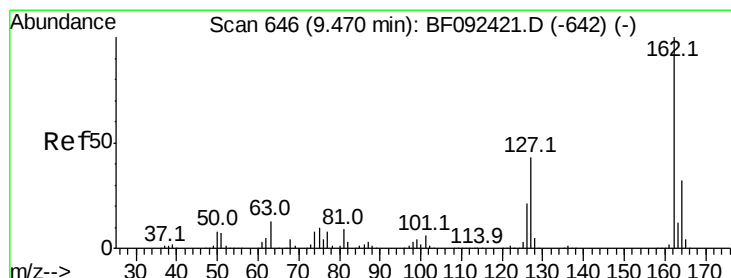
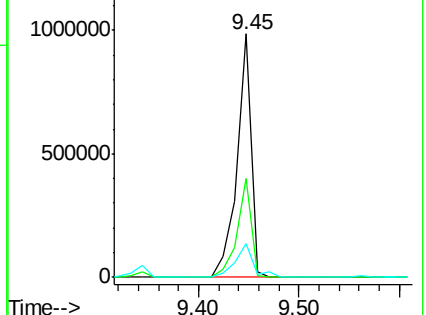
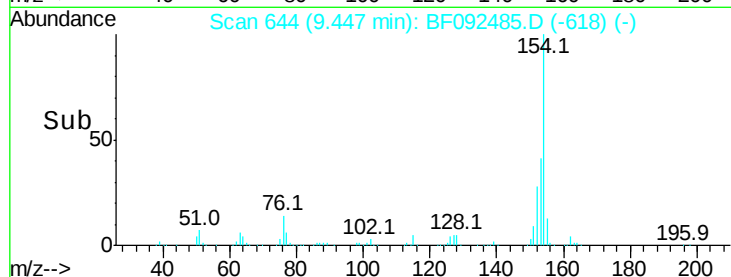
76 13.6 0.0 30.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 33.02 ng

RT: 9.47 min Scan# 646

Delta R.T. -0.00 min

Lab File: BF092485.D

Acq: 25 Jan 2017 19:13

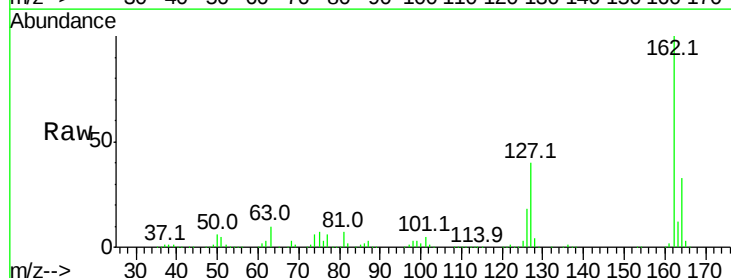
Tgt Ion:162 Resp: 704567

Ion Ratio Lower Upper

162 100

127 39.5 30.7 46.1

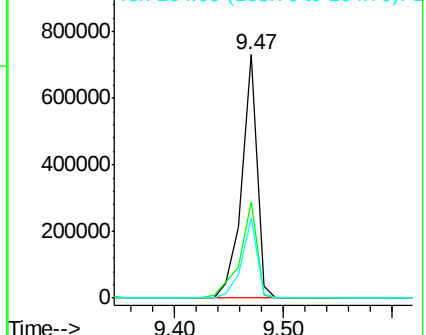
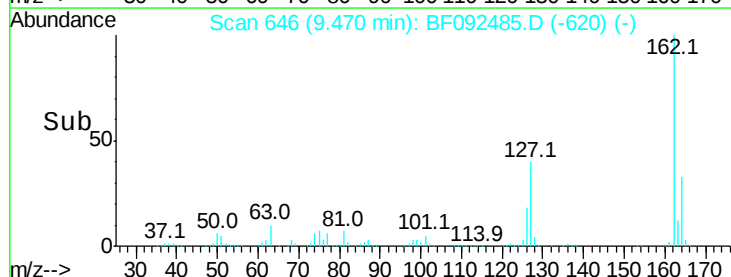
164 32.7 27.6 41.4

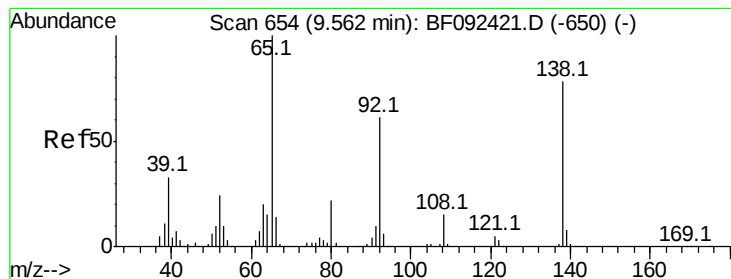


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 34.16 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF092485.D

Acq: 25 Jan 2017 19:13

Instrument :

BNA_F

ClientSampleId :

PB96282BS

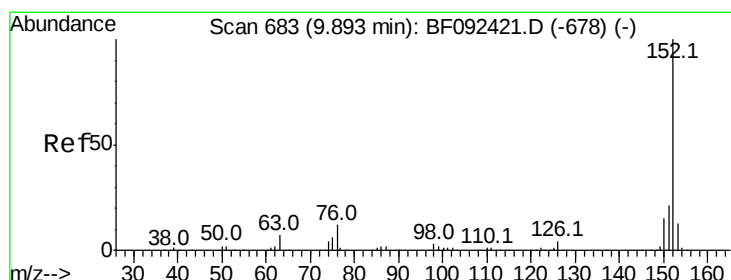
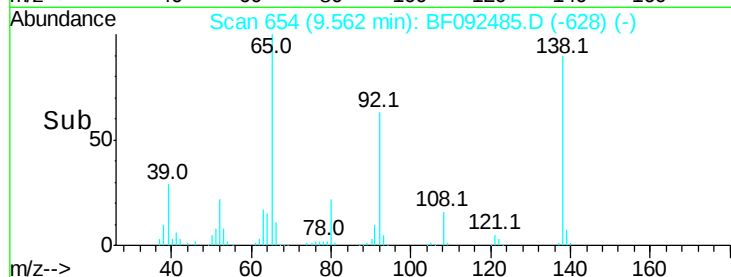
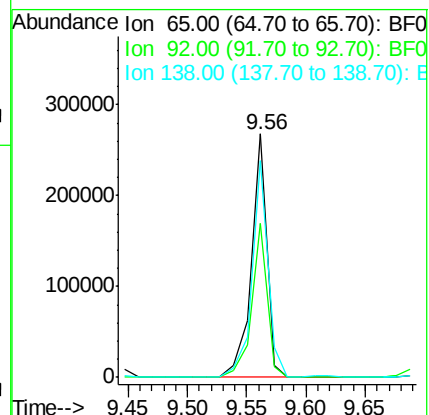
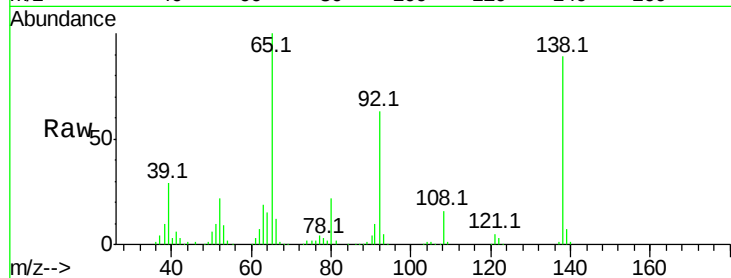
Tot Ion: 65 Resp: 245403

Ion Ratio Lower Upper

65 100

92 63.1 53.9 80.9

138 89.3 76.8 115.2



#48

Acenaphthylene

Concen: 36.80 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF092485.D

Acq: 25 Jan 2017 19:13

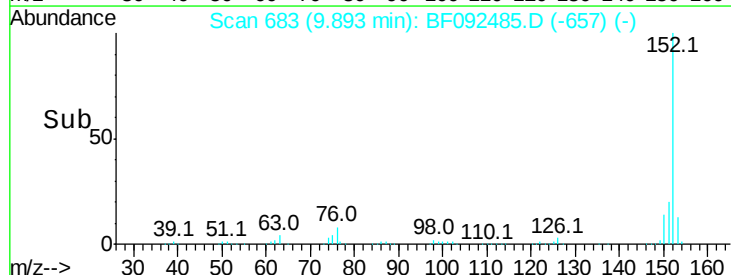
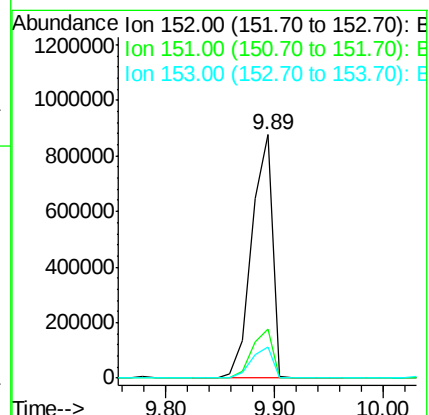
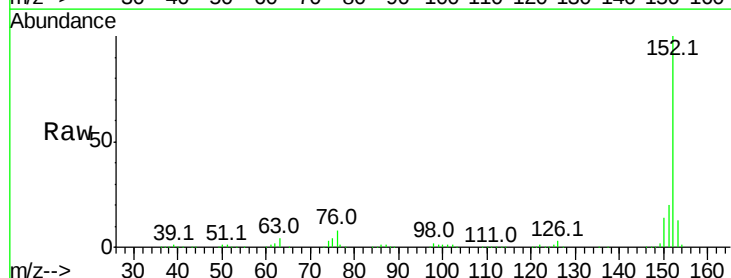
Tgt Ion: 152 Resp: 1151498

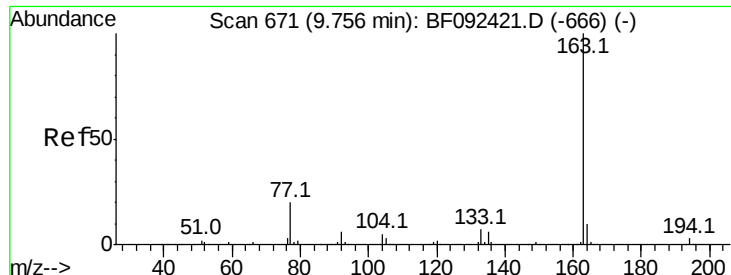
Ion Ratio Lower Upper

152 100

151 20.3 16.9 25.3

153 12.7 11.4 17.2

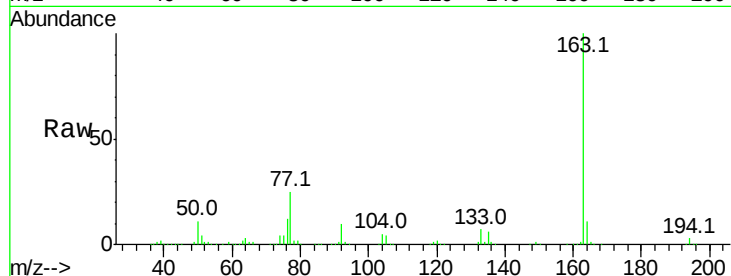




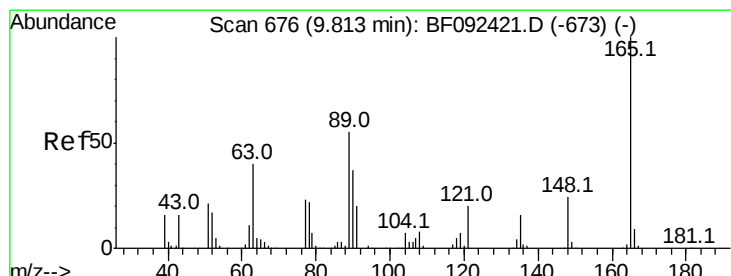
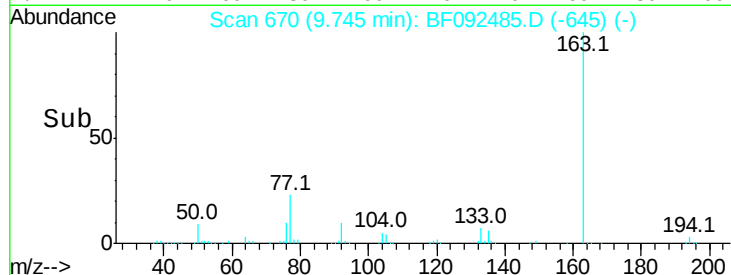
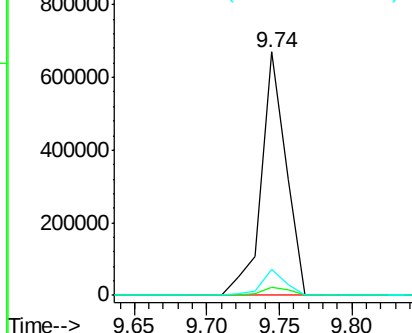
#49
Dimethylphthalate
Concen: 34.43 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF092485.D
Acq: 25 Jan 2017 19:13

Instrument :
BNA_F
ClientSampleId :
PB96282BS

Tot Ion:	163	Resp:	791065
Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.0	4.4
164	10.8	8.0	12.0

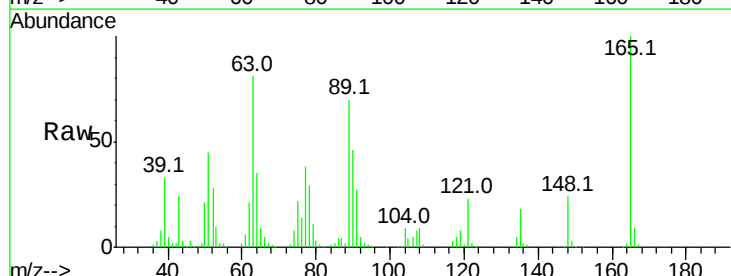


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

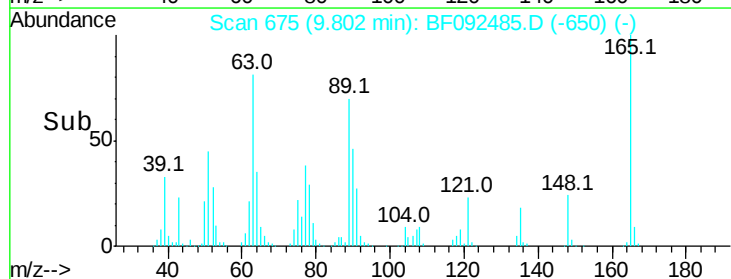
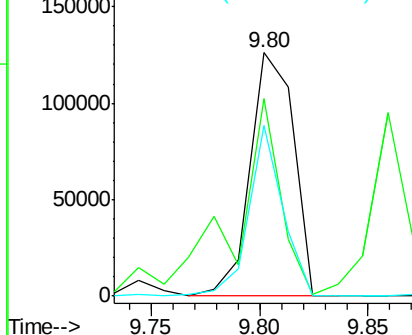


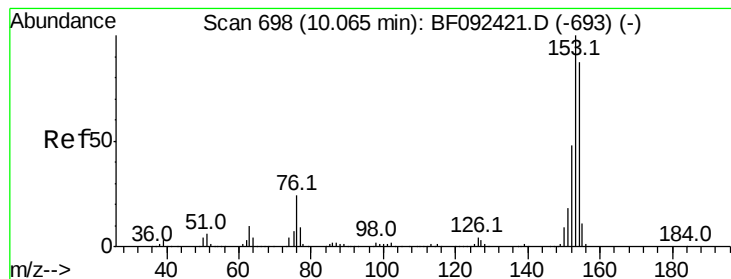
#50
2,6-Dinitrotoluene
Concen: 37.59 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF092485.D
Acq: 25 Jan 2017 19:13

Tgt Ion:	165	Resp:	176568
Ion	Ratio	Lower	Upper
165	100		
63	81.2	36.2	54.4#
89	70.1	40.2	60.4#



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





#51

Acenaphthene

Concen: 38.57 ng

RT: 10.06 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF092485.D

Acq: 25 Jan 2017 19:13

Instrument :

BNA_F

ClientSampleId :

PB96282BS

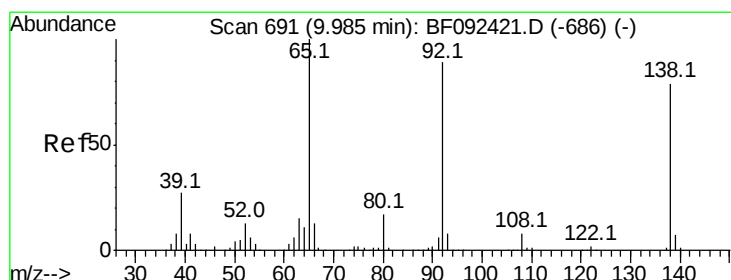
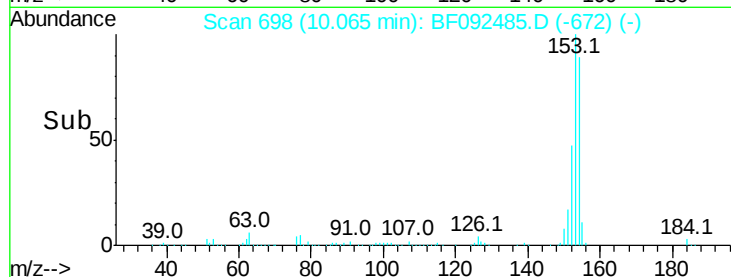
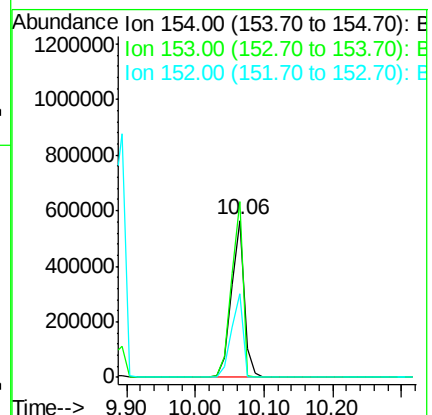
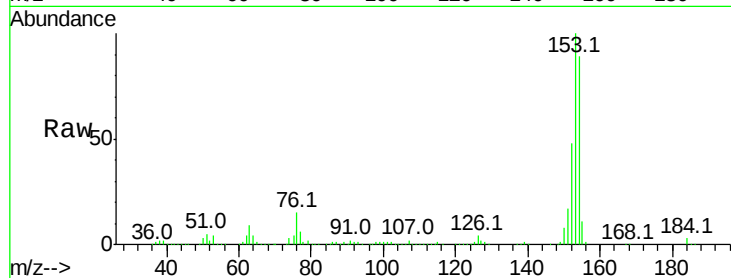
Tot Ion:154 Resp: 749902

Ion Ratio Lower Upper

154 100

153 112.0 88.6 133.0

152 53.3 41.6 62.4



#52

3-Nitroaniline

Concen: 13.90 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF092485.D

Acq: 25 Jan 2017 19:13

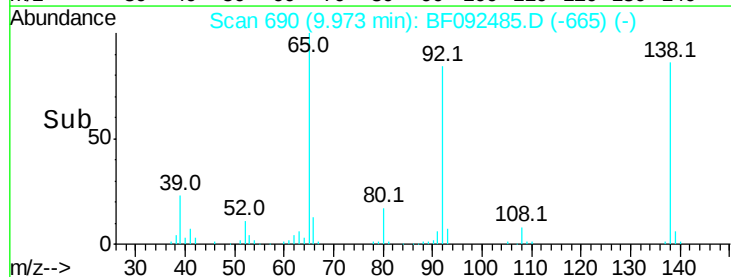
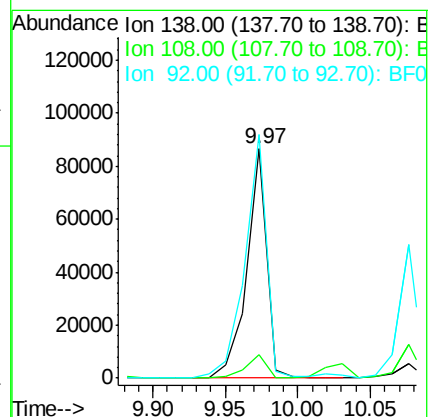
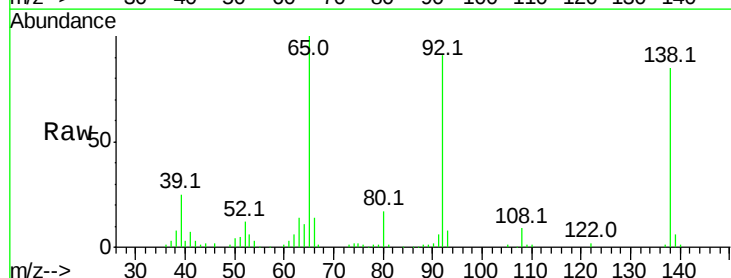
Tgt Ion:138 Resp: 81789

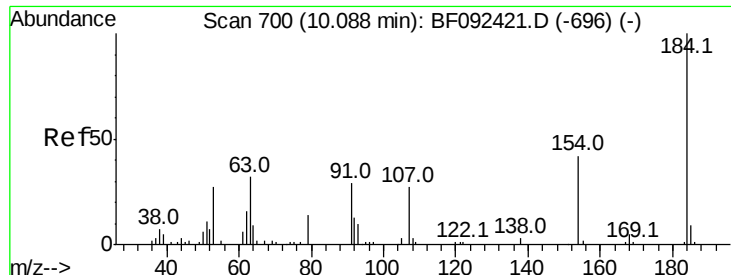
Ion Ratio Lower Upper

138 100

108 10.5 8.5 12.7

92 106.3 97.8 146.8

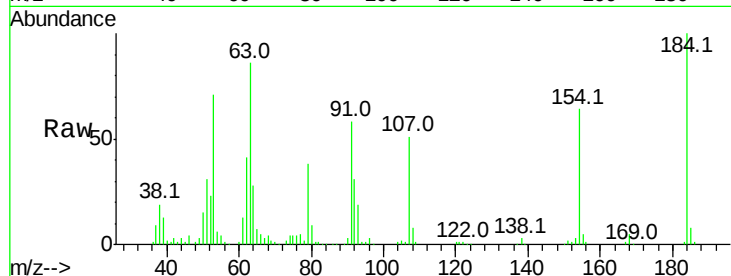




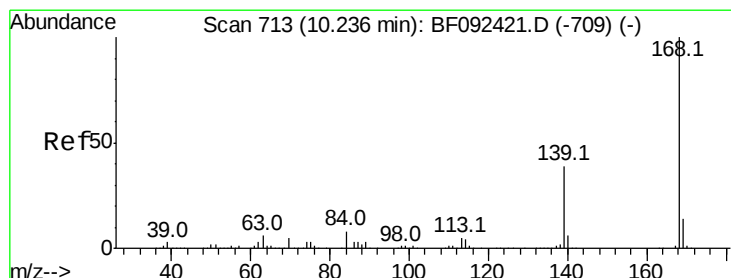
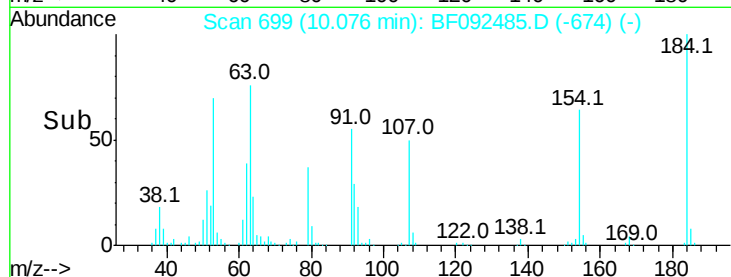
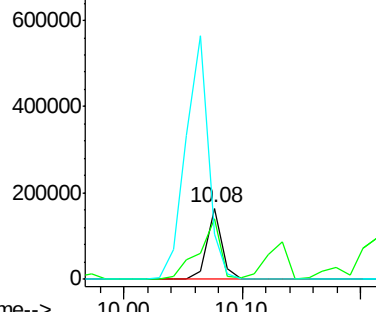
#53
 2,4-Dinitrophenol
 Concen: 57.23 ng
 RT: 10.08 min Scan# 699
 Delta R.T. -0.01 min
 Lab File: BF092485.D
 Acq: 25 Jan 2017 19:13

Instrument :
 BNA_F
 ClientSampleId :
 PB96282BS

Tot Ion:184 Resp: 145854
 Ion Ratio Lower Upper
 184 100
 63 85.8 28.4 42.6#
 154 63.6 44.3 66.5

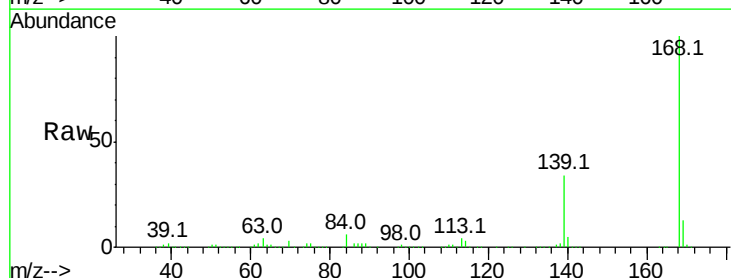


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

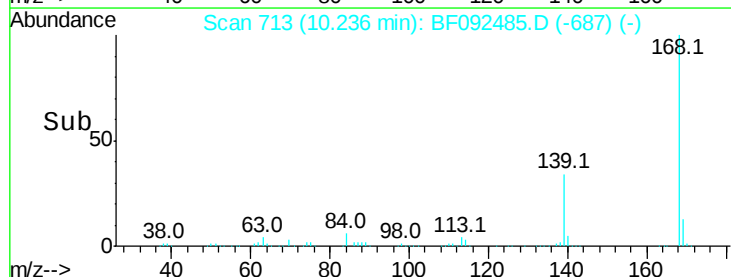
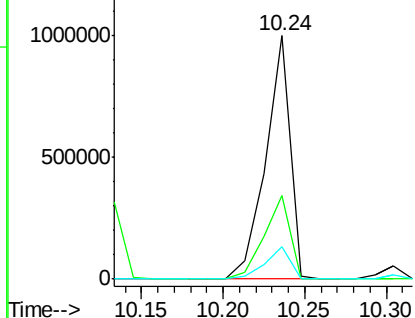


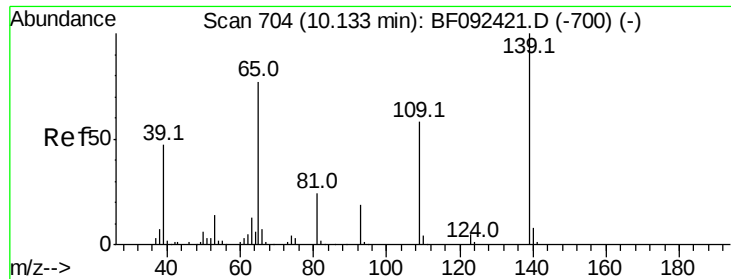
#54
 Dibenzofuran
 Concen: 39.40 ng
 RT: 10.24 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: BF092485.D
 Acq: 25 Jan 2017 19:13

Tgt Ion:168 Resp: 1040174
 Ion Ratio Lower Upper
 168 100
 139 34.5 32.6 49.0
 169 13.1 11.3 16.9



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

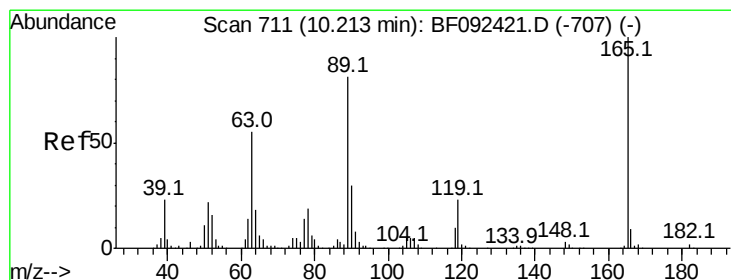
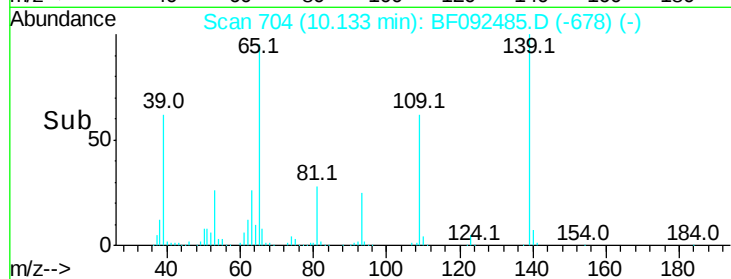
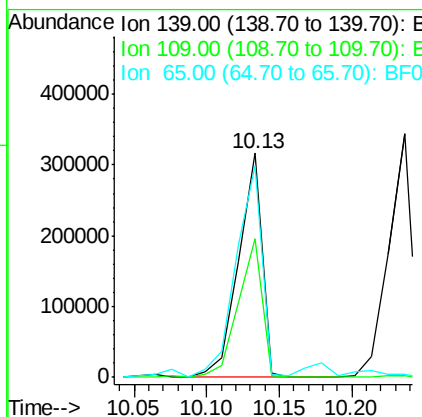
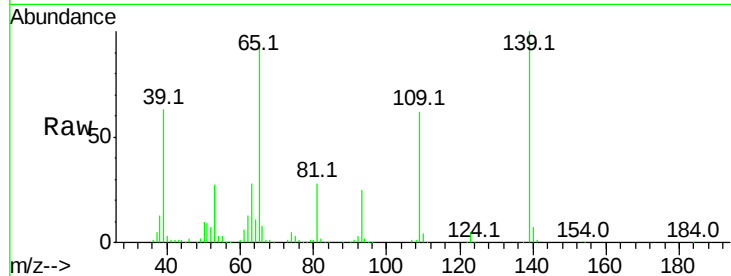




#55
4-Nitrophenol
Concen: 76.62 ng
RT: 10.13 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF092485.D
Acq: 25 Jan 2017 19:13

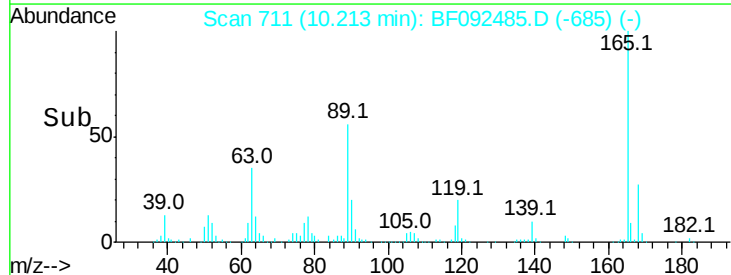
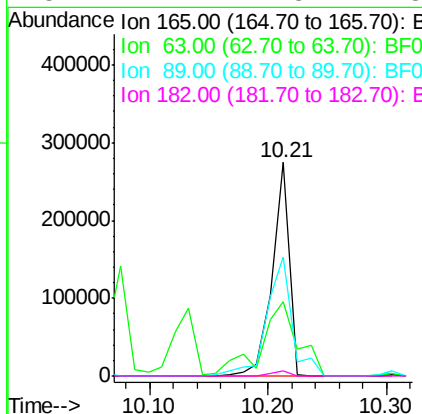
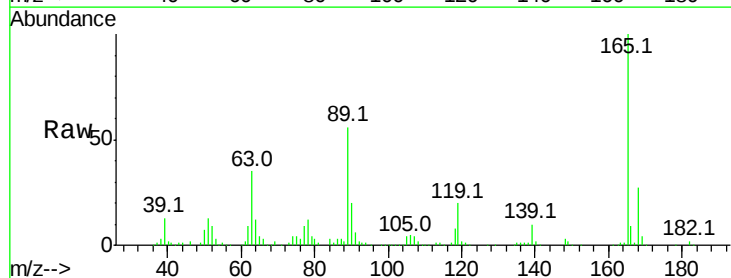
Instrument :
BNA_F
ClientSampleId :
PB96282BS

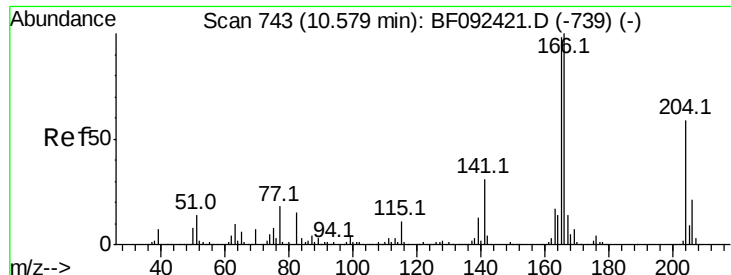
Tot Ion:139 Resp: 357928
Ion Ratio Lower Upper
139 100
109 62.1 52.2 92.2
65 94.7 85.8 125.8



#56
2,4-Dinitrotoluene
Concen: 44.27 ng
RT: 10.21 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF092485.D
Acq: 25 Jan 2017 19:13

Tgt Ion:165 Resp: 275984
Ion Ratio Lower Upper
165 100
63 34.5 40.2 60.4#
89 55.9 62.5 93.7#
182 2.2 1.8 2.8

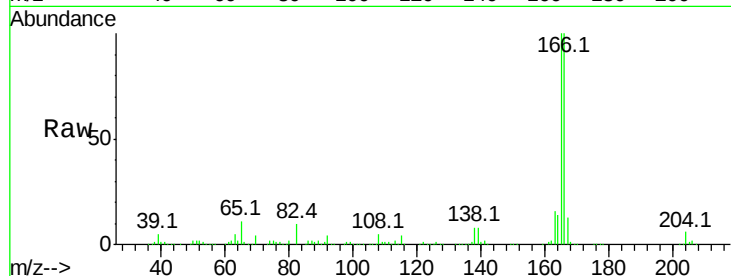




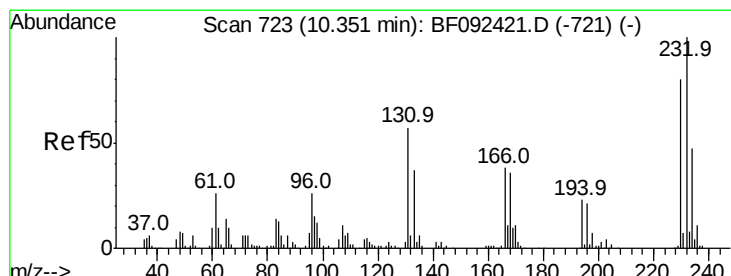
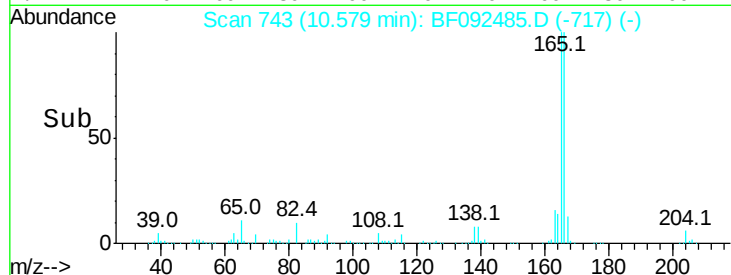
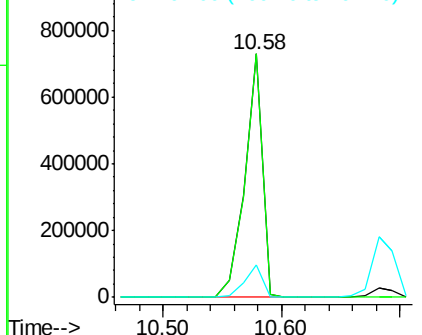
#57
 Fluorene
 Concen: 38.48 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF092485.D
 Acq: 25 Jan 2017 19:13

Instrument :
 BNA_F
 ClientSampleId :
 PB96282BS

Tot Ion:166 Resp: 753251
 Ion Ratio Lower Upper
 166 100
 165 100.0 77.8 116.8
 167 13.2 10.8 16.2

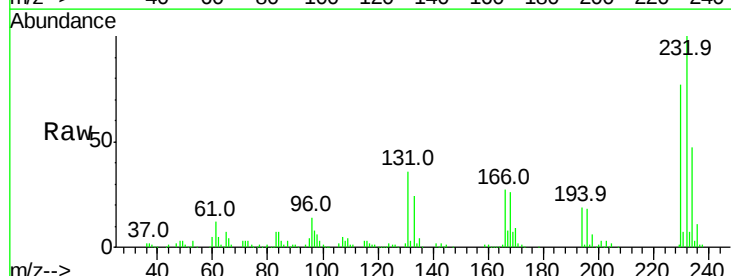


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

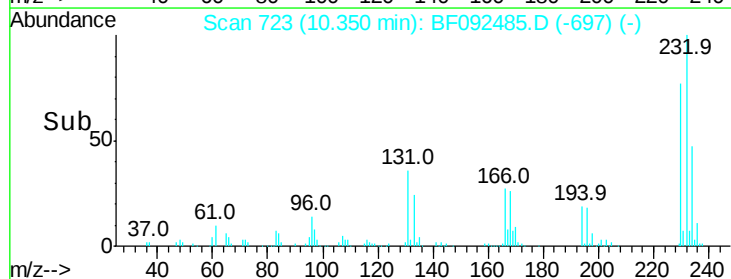
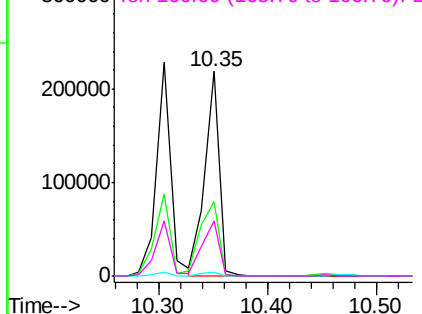


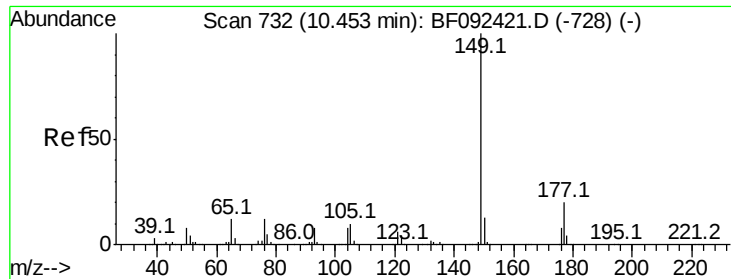
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.73 ng
 RT: 10.35 min Scan# 723
 Delta R.T. -0.00 min
 Lab File: BF092485.D
 Acq: 25 Jan 2017 19:13

Tgt Ion:232 Resp: 204568
 Ion Ratio Lower Upper
 232 100
 131 47.5 40.1 60.1
 130 2.1 1.8 2.8
 166 32.2 26.6 39.8



Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

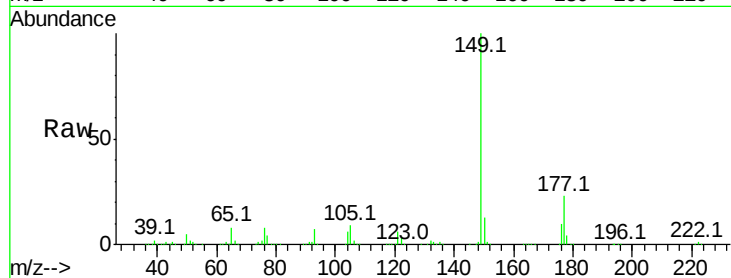




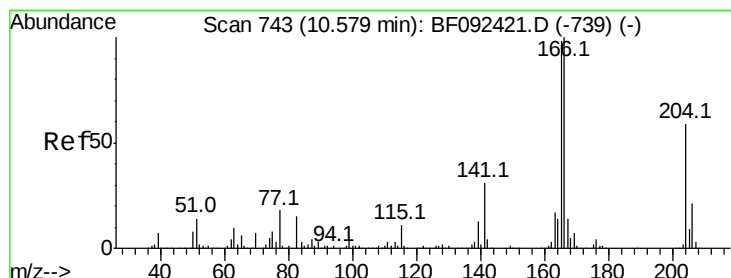
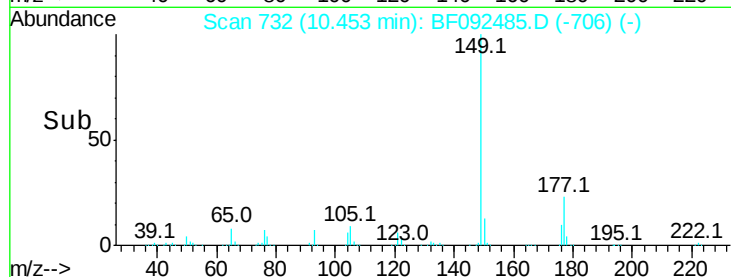
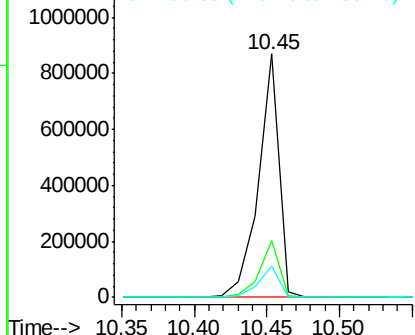
#59
Diethylphthalate
Concen: 38.53 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF092485.D
Acq: 25 Jan 2017 19:13

Instrument :
BNA_F
ClientSampleId :
PB96282BS

Tot Ion:149 Resp: 848944
Ion Ratio Lower Upper
149 100
177 23.4 16.6 25.0
150 12.7 10.4 15.6

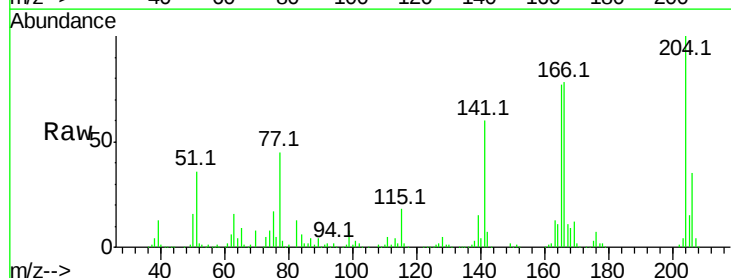


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

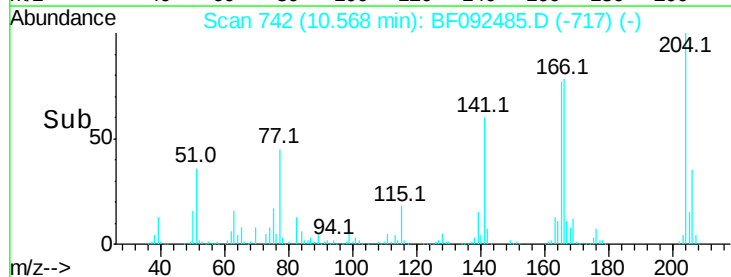
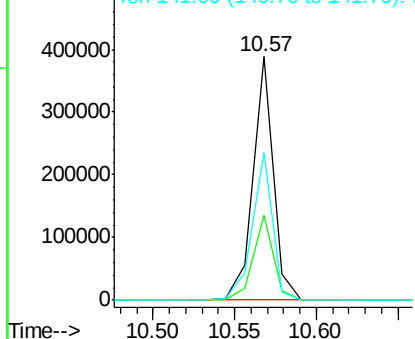


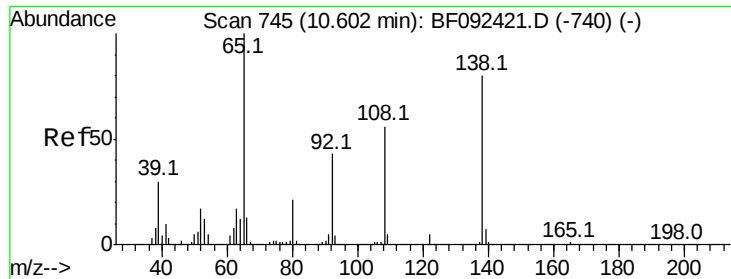
#60
4-Chlorophenyl-phenylether
Concen: 35.42 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF092485.D
Acq: 25 Jan 2017 19:13

Tgt Ion:204 Resp: 336295
Ion Ratio Lower Upper
204 100
206 34.7 25.8 38.6
141 60.4 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: 31.17 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF092485.D

Acq: 25 Jan 2017 19:13

Instrument :

BNA_F

ClientSampleId :

PB96282BS

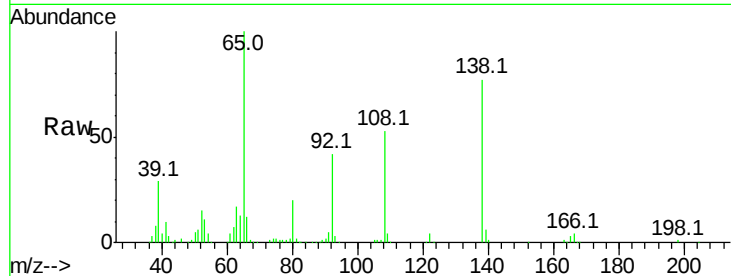
Tot Ion:138 Resp: 183387

Ion Ratio Lower Upper

138 100

92 55.1 31.7 71.7

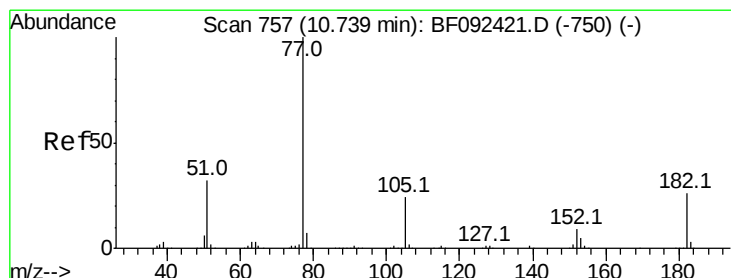
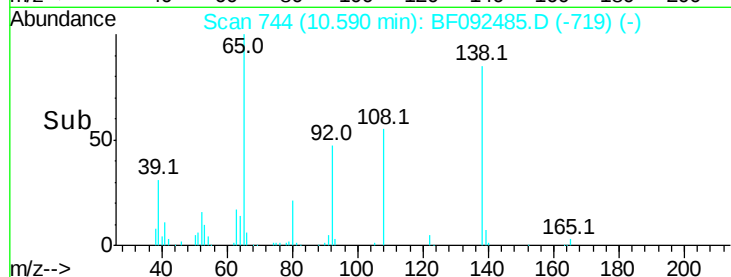
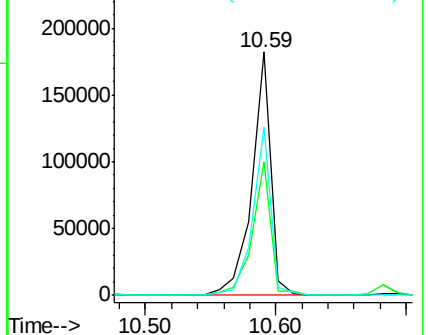
108 69.3 52.6 92.6



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: 37.26 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF092485.D

Acq: 25 Jan 2017 19:13

Tgt Ion: 77 Resp: 934194

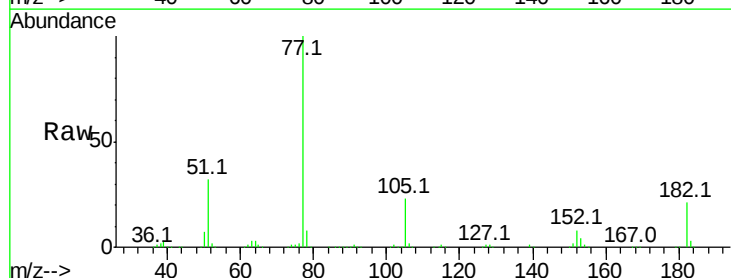
Ion Ratio Lower Upper

77 100

182 20.5 0.0 39.3

105 22.7 2.3 42.3

51 32.1 8.9 48.9

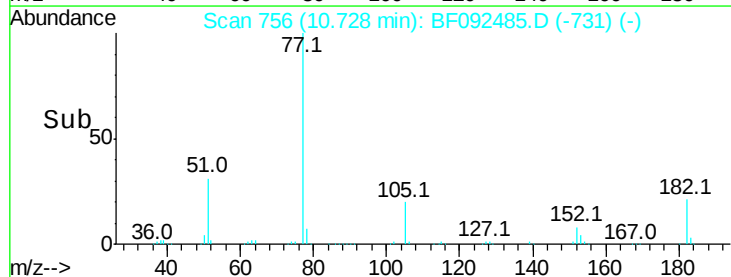
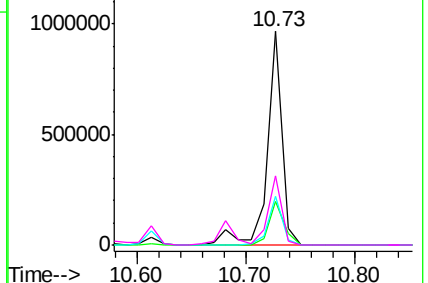


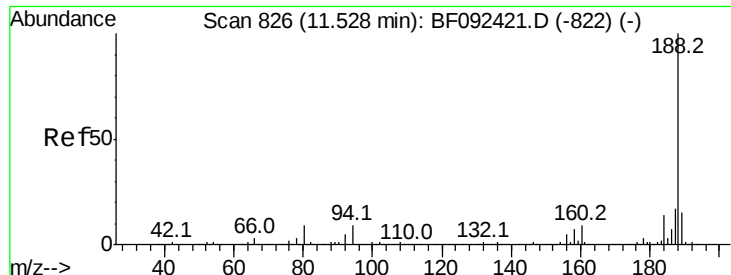
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

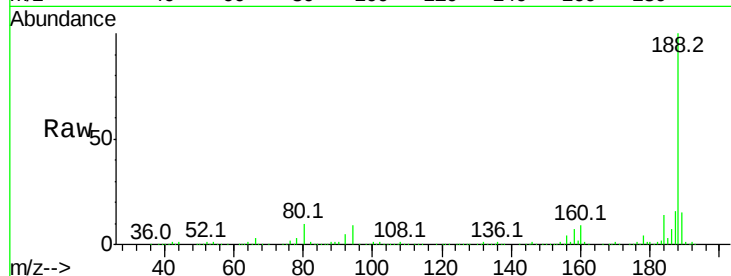




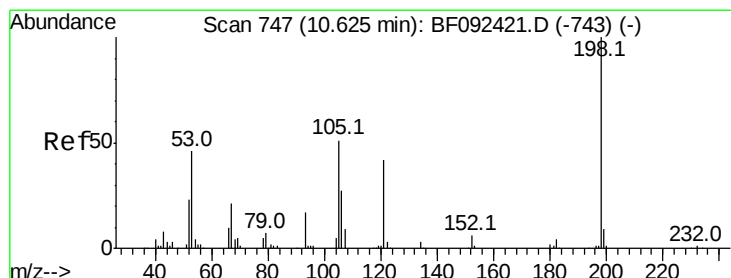
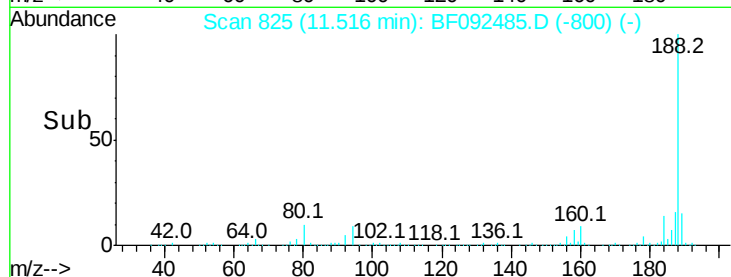
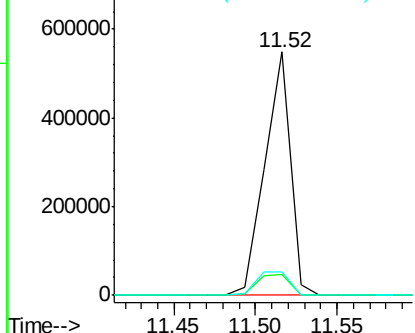
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF092485.D
 Acq: 25 Jan 2017 19:13

Instrument :
 BNA_F
 ClientSampleId :
 PB96282BS

Tot Ion:188 Resp: 599743
 Ion Ratio Lower Upper
 188 100
 94 8.8 10.0 15.0#
 80 9.8 11.2 16.8#

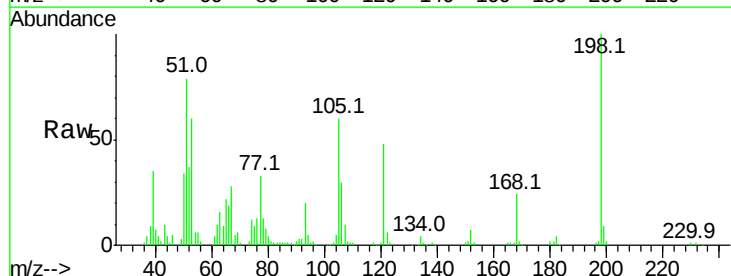


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

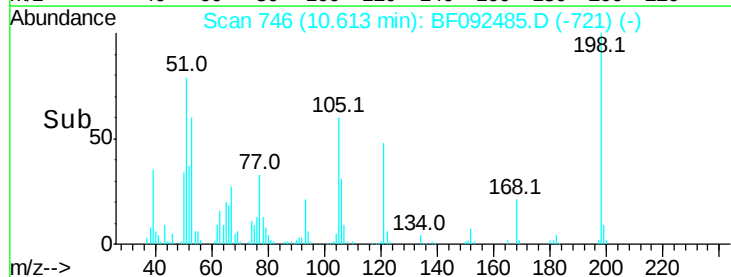
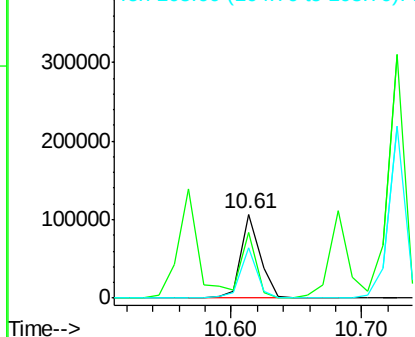


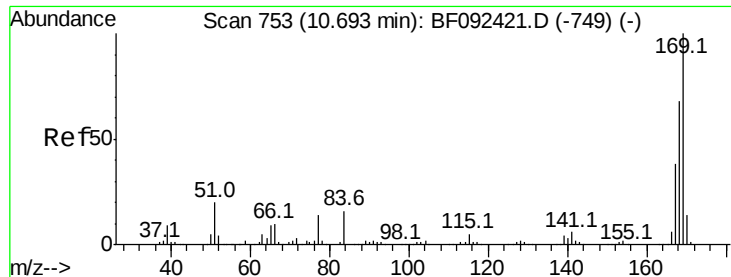
#64
 4,6-Dinitro-2-methylphenol
 Concen: 34.94 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF092485.D
 Acq: 25 Jan 2017 19:13

Tgt Ion:198 Resp: 108077
 Ion Ratio Lower Upper
 198 100
 51 79.0 6.7 46.7#
 105 60.0 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: 34.62 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF092485.D

Acq: 25 Jan 2017 19:13

Instrument :

BNA_F

ClientSampleId :

PB96282BS

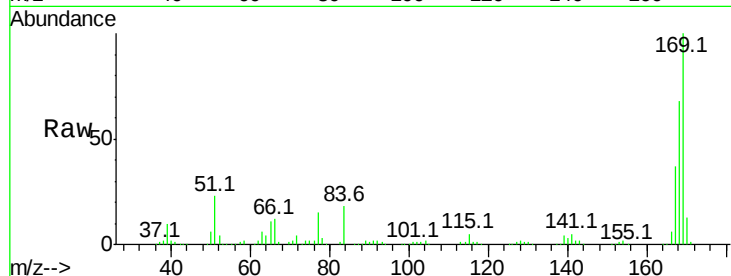
Tot Ion:169 Resp: 648499

Ion Ratio Lower Upper

169 100

168 67.7 54.2 81.2

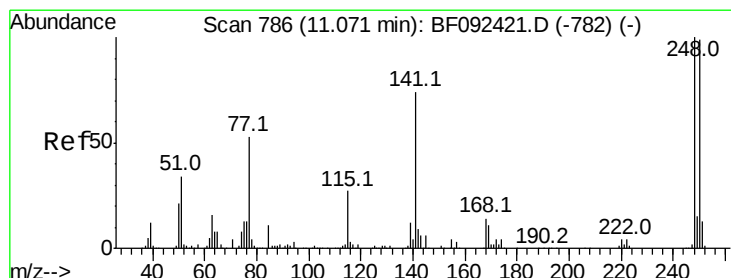
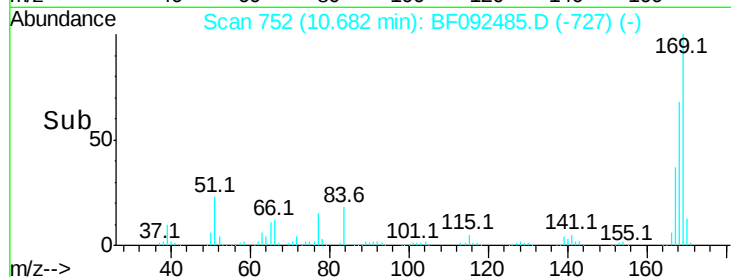
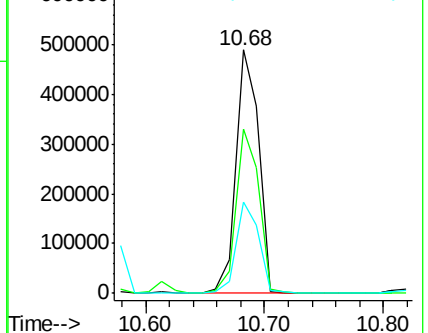
167 37.4 30.2 45.4



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: 34.48 ng

RT: 11.06 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF092485.D

Acq: 25 Jan 2017 19:13

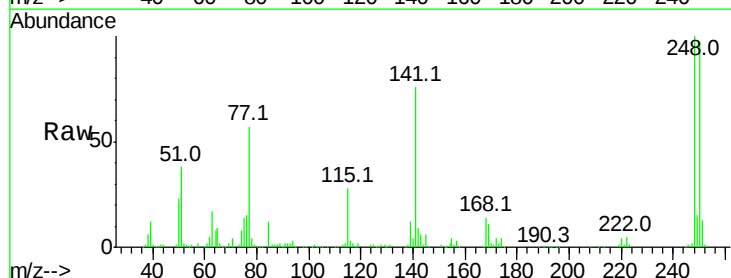
Tgt Ion:248 Resp: 208780

Ion Ratio Lower Upper

248 100

250 97.4 76.9 115.3

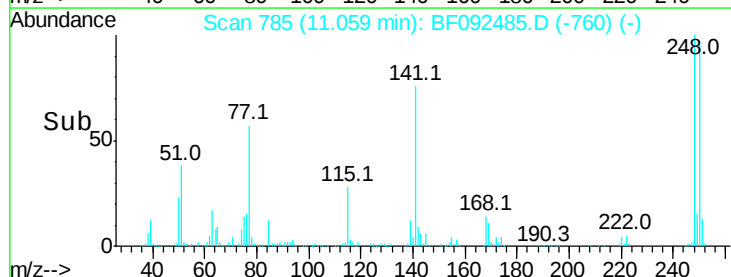
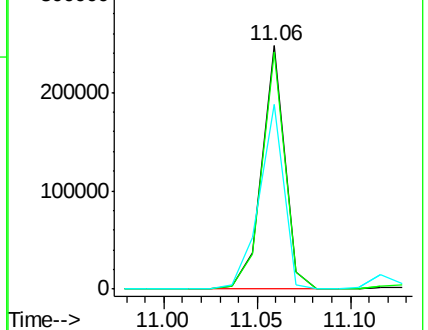
141 75.6 68.2 102.4

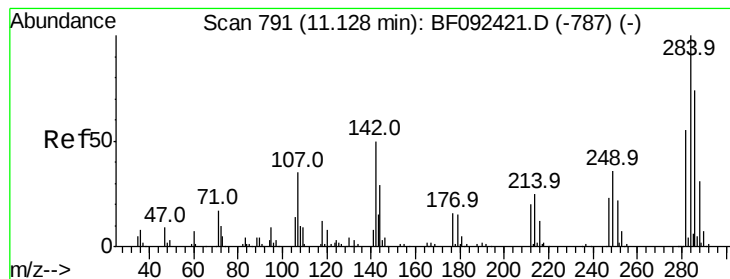


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 34.84 ng

RT: 11.13 min Scan# 791

Delta R.T. -0.00 min

Lab File: BF092485.D

Acq: 25 Jan 2017 19:13

Instrument :

BNA_F

ClientSampleId :

PB96282BS

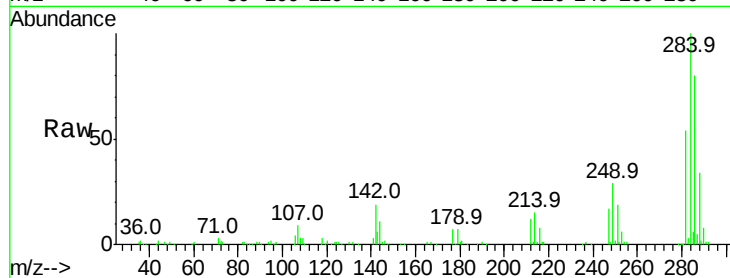
Tot Ion:284 Resp: 213233

Ion Ratio Lower Upper

284 100

142 18.7 22.6 33.8#

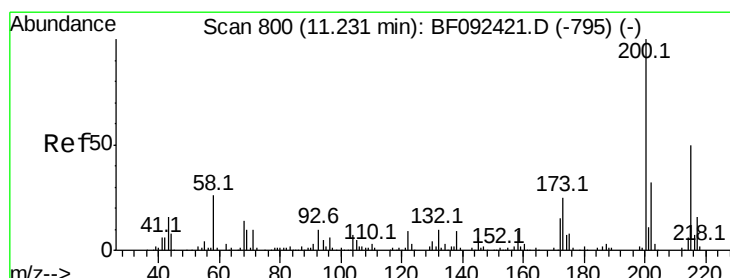
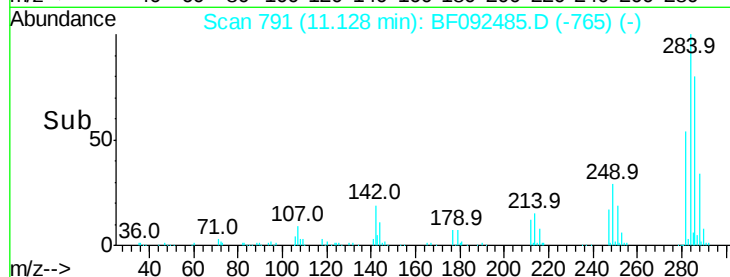
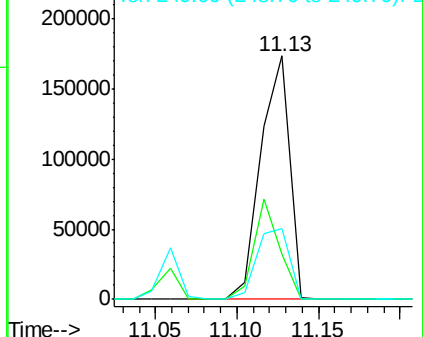
249 29.1 25.4 38.0



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: 36.55 ng

RT: 11.22 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF092485.D

Acq: 25 Jan 2017 19:13

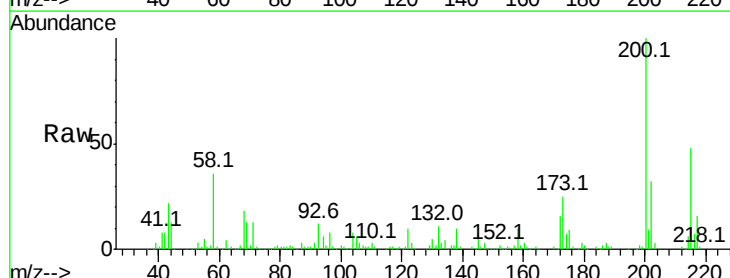
Tgt Ion:200 Resp: 234299

Ion Ratio Lower Upper

200 100

173 25.3 9.6 49.6

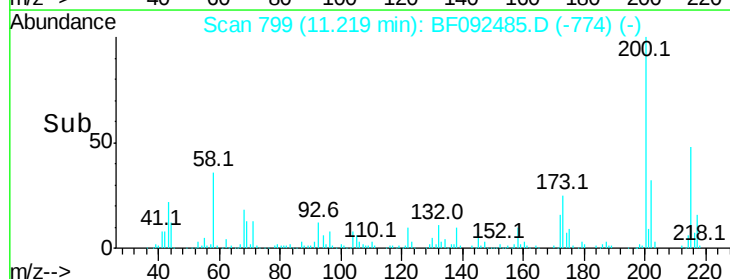
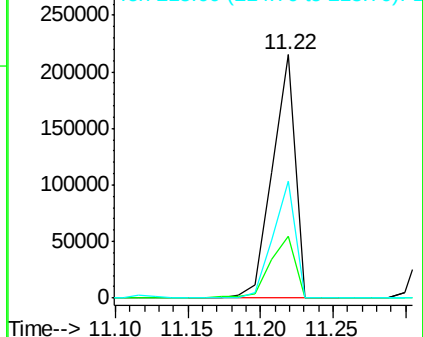
215 47.8 25.7 65.7

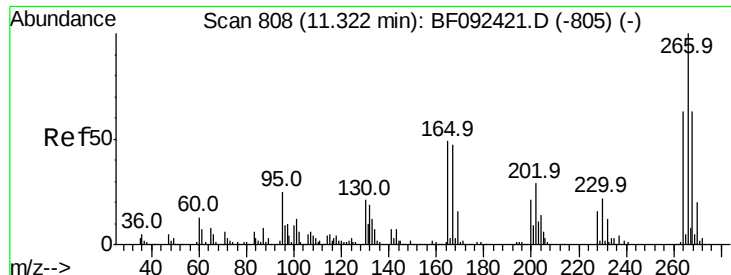


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

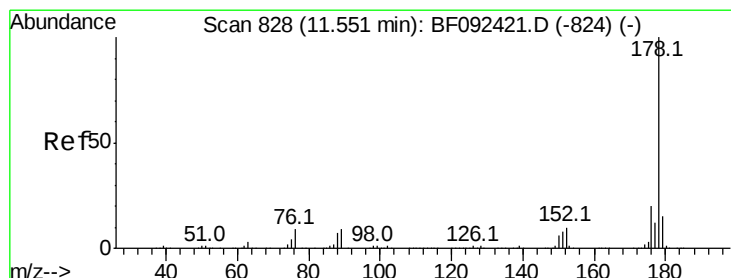
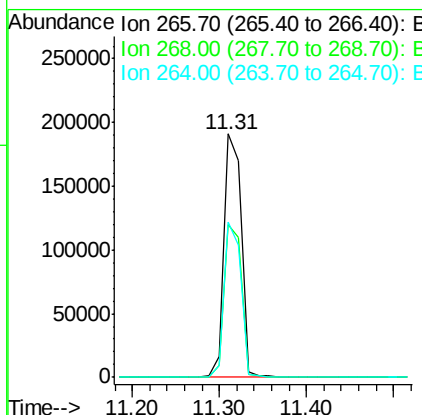
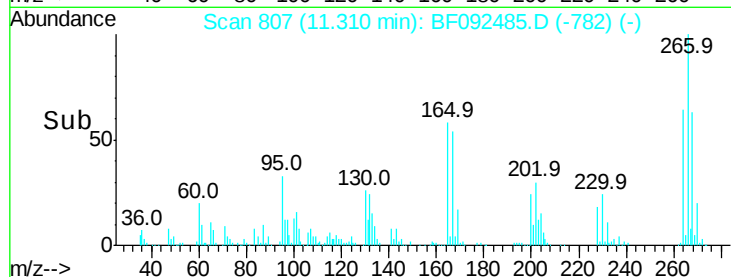
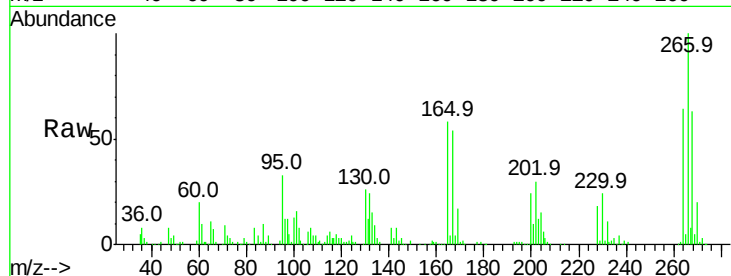




#69
 Pentachlorophenol
 Concen: 67.87 ng
 RT: 11.31 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF092485.D
 Acq: 25 Jan 2017 19:13

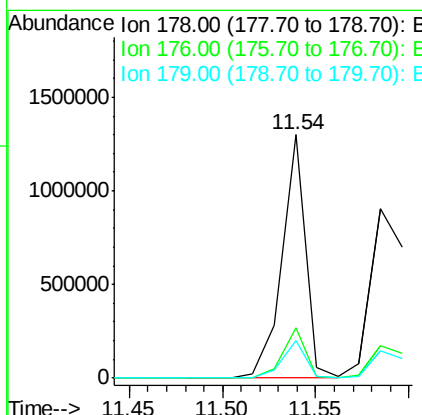
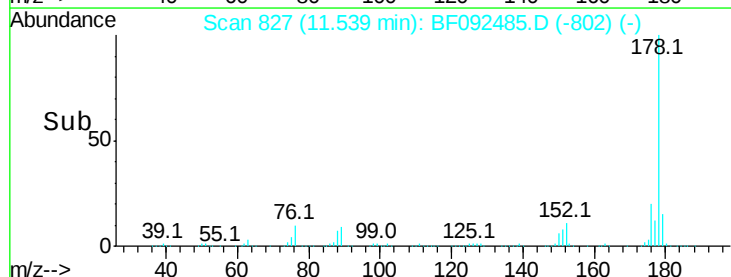
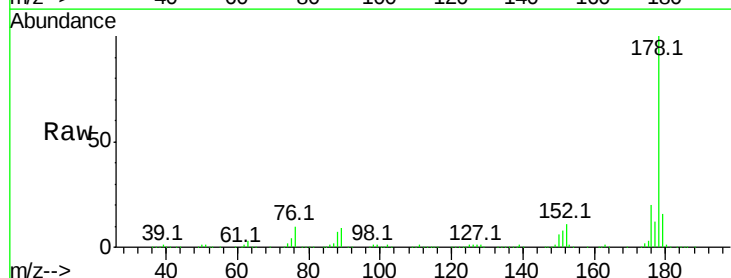
Instrument :
 BNA_F
 ClientSampleId :
 PB96282BS

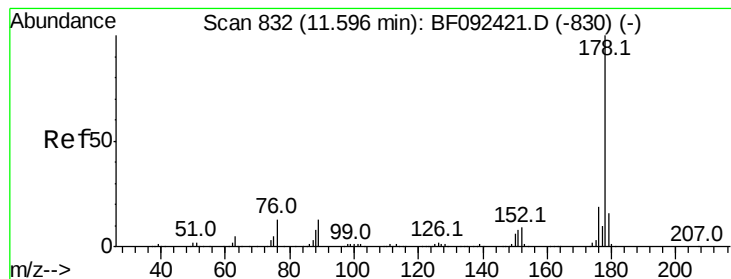
Tot Ion:266 Resp: 265615
 Ion Ratio Lower Upper
 266 100
 268 62.7 53.3 79.9
 264 63.7 50.3 75.5



#70
 Phenanthrene
 Concen: 34.72 ng
 RT: 11.54 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF092485.D
 Acq: 25 Jan 2017 19:13

Tgt Ion:178 Resp: 1146695
 Ion Ratio Lower Upper
 178 100
 176 20.5 16.6 25.0
 179 15.5 12.8 19.2

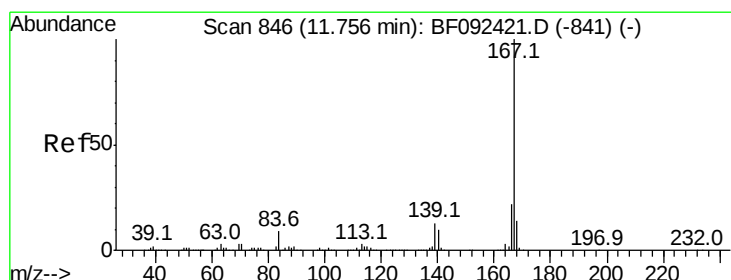
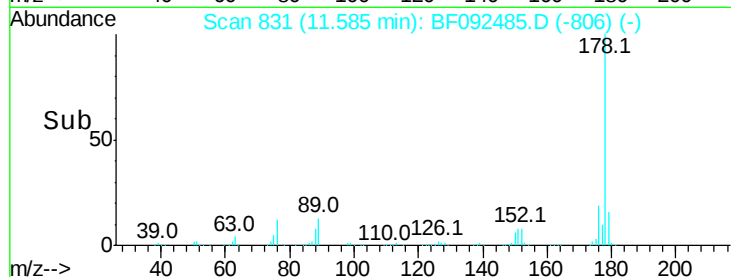
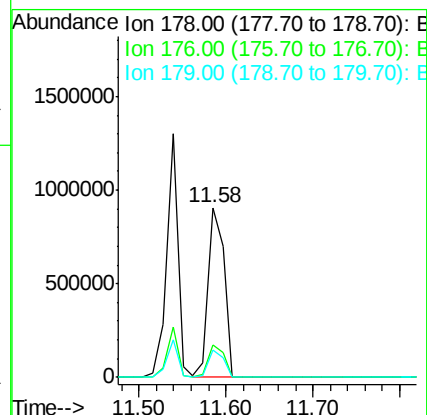
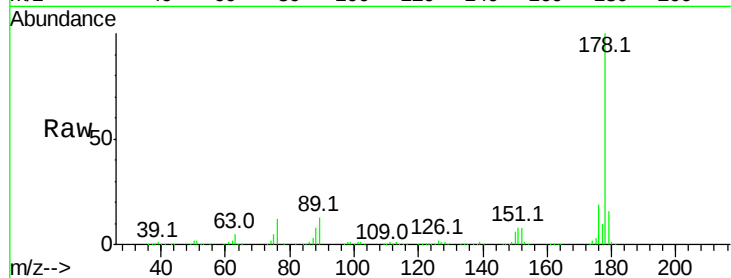




#71
 Anthracene
 Concen: 36.08 ng
 RT: 11.58 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF092485.D
 Acq: 25 Jan 2017 19:13

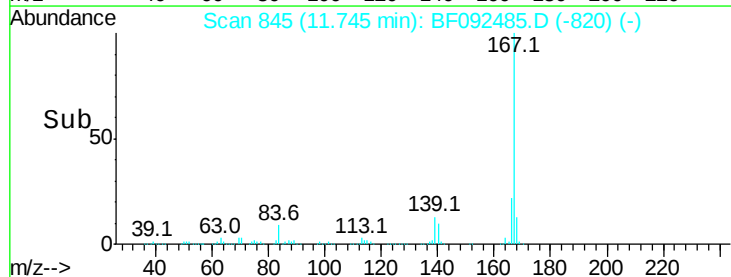
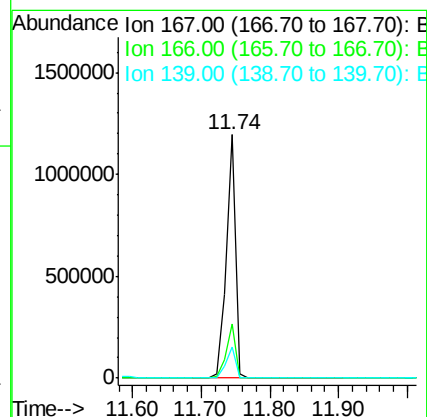
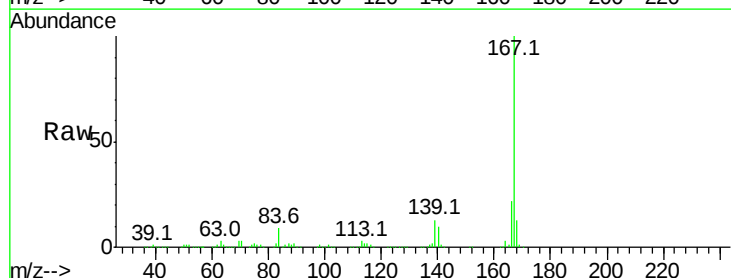
Instrument :
 BNA_F
 ClientSampleId :
 PB96282BS

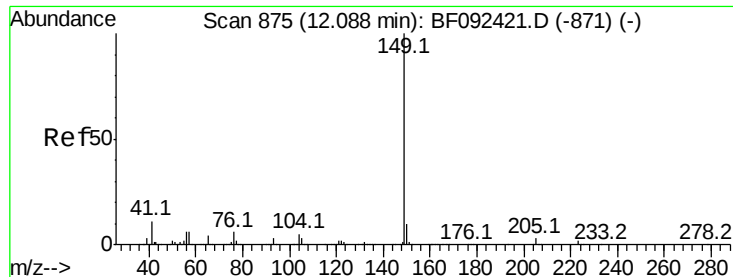
Tot Ion:178 Resp: 1164534
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.9 23.9
 179 15.8 13.2 19.8



#72
 Carbazole
 Concen: 36.93 ng
 RT: 11.74 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF092485.D
 Acq: 25 Jan 2017 19:13

Tgt Ion:167 Resp: 1138190
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.2 27.2
 139 12.7 11.4 17.2





#73

Di-n-butylphthalate

Concen: 35.91 ng

RT: 12.08 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF092485.D

Acq: 25 Jan 2017 19:13

Instrument :

BNA_F

ClientSampleId :

PB96282BS

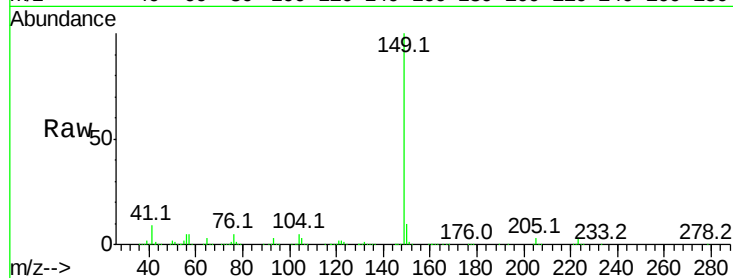
Tot Ion:149 Resp: 1265617

Ion Ratio Lower Upper

149 100

150 9.5 8.1 12.1

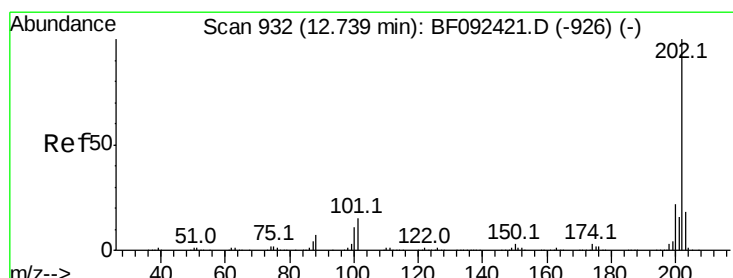
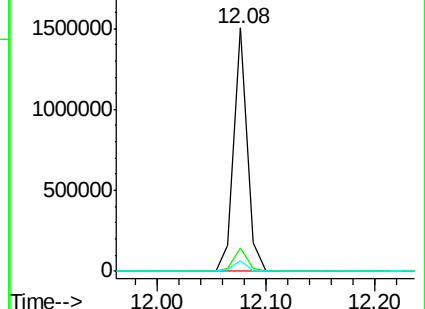
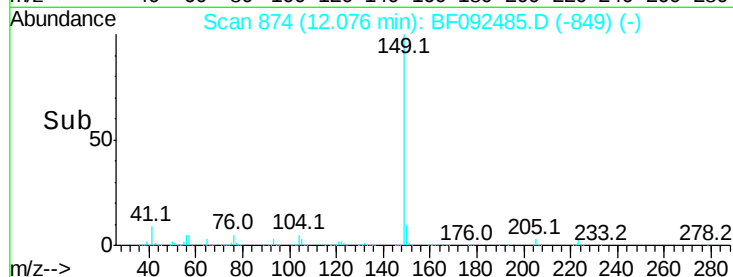
104 4.5 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.06 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF092485.D

Acq: 25 Jan 2017 19:13

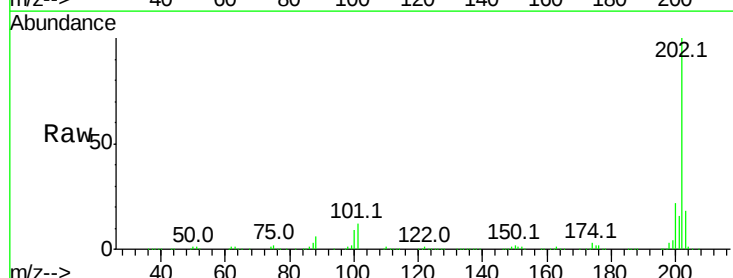
Tgt Ion:202 Resp: 1229678

Ion Ratio Lower Upper

202 100

101 12.0 0.0 34.6

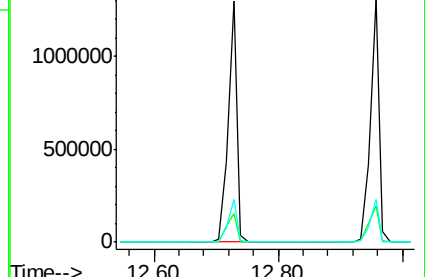
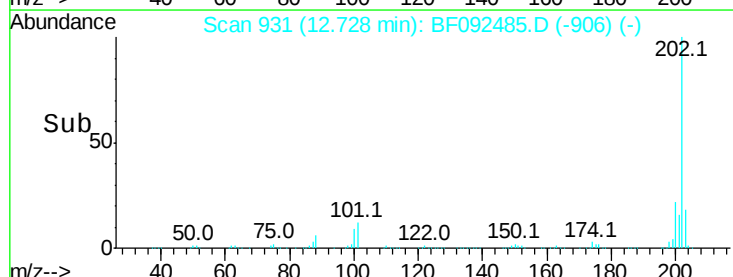
203 17.8 0.0 38.7

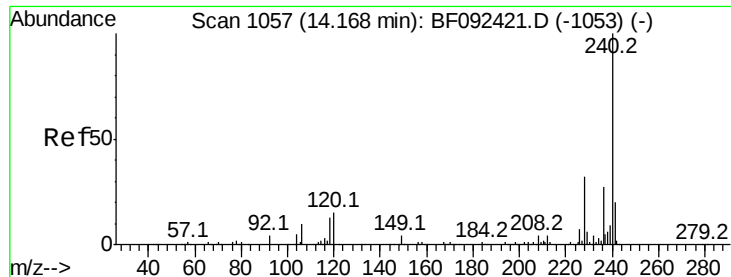


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.16 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF092485.D

Acq: 25 Jan 2017 19:13

Instrument :

BNA_F

ClientSampleId :

PB96282BS

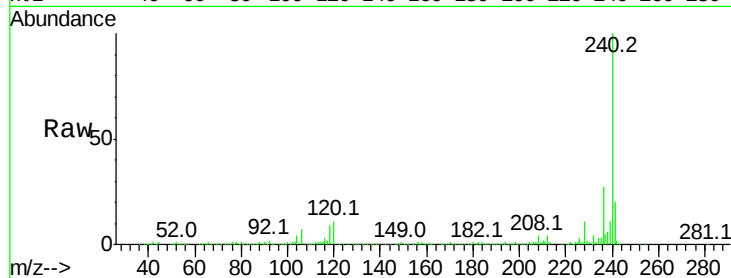
Tot Ion:240 Resp: 520154

Ion Ratio Lower Upper

240 100

120 10.5 12.9 19.3#

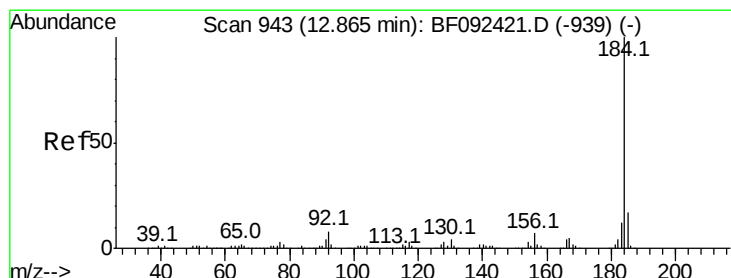
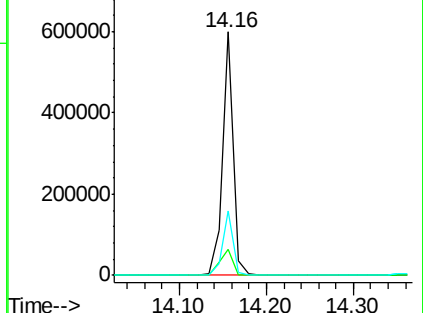
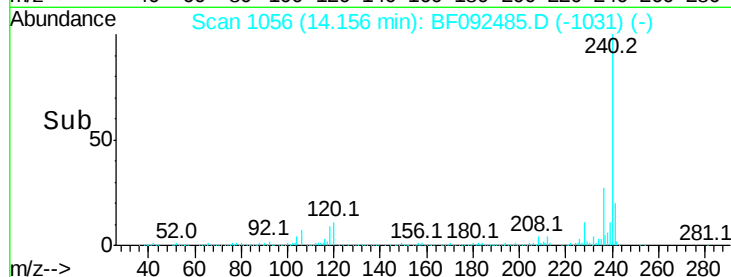
236 26.6 20.9 31.3



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: 13.41 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.02 min

Lab File: BF092485.D

Acq: 25 Jan 2017 19:13

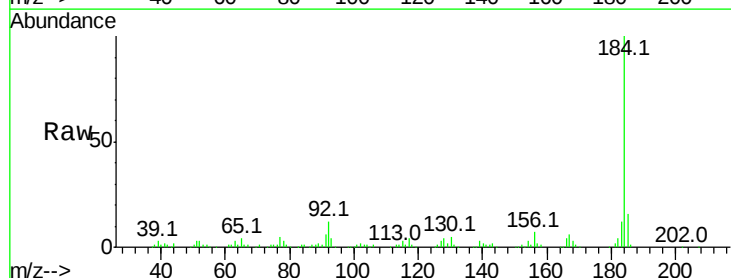
Tgt Ion:184 Resp: 258928

Ion Ratio Lower Upper

184 100

185 16.3 13.4 20.0

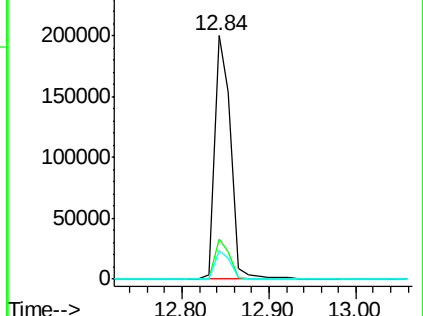
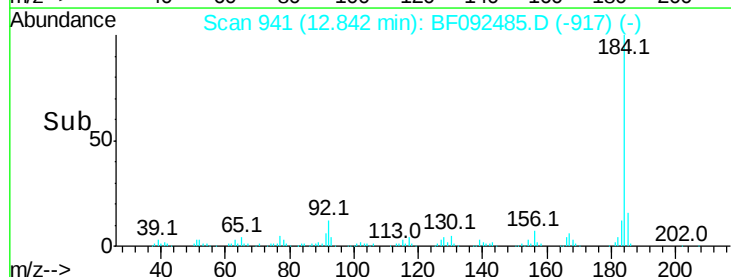
183 11.7 9.2 13.8

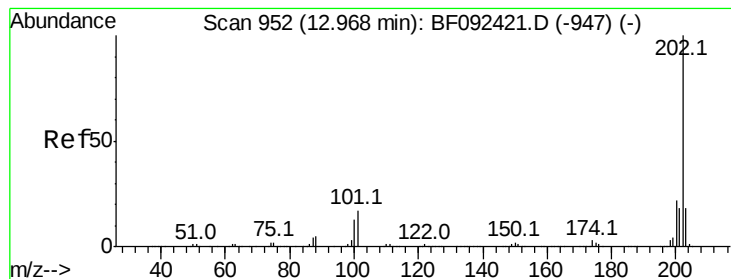


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 32.93 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF092485.D

Acq: 25 Jan 2017 19:13

Instrument :

BNA_F

ClientSampleId :

PB96282BS

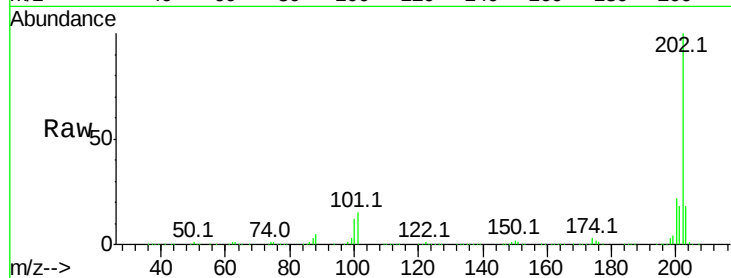
Tot Ion:202 Resp: 1240973

Ion Ratio Lower Upper

202 100

200 22.3 17.7 26.5

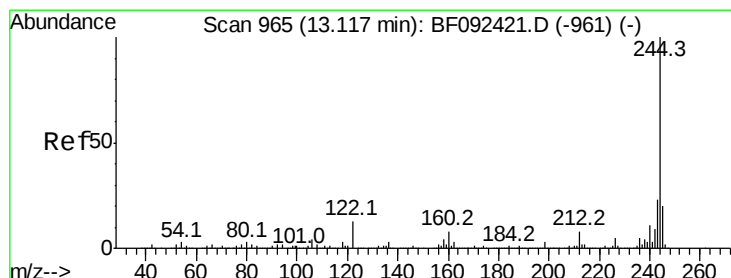
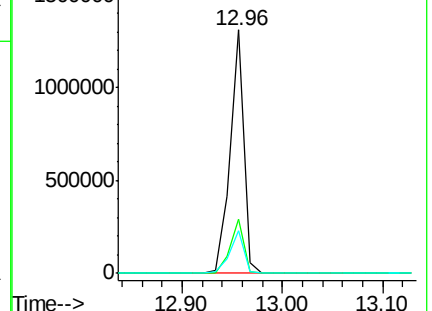
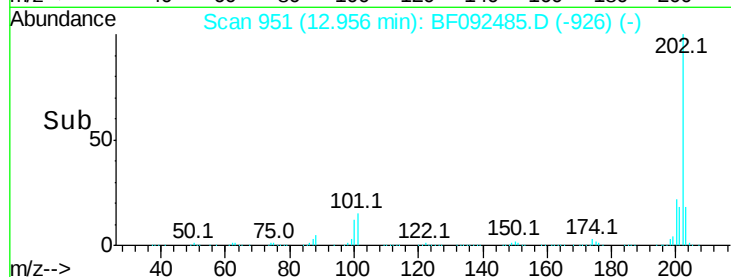
203 17.7 14.7 22.1



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: 71.88 ng

RT: 13.10 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092485.D

Acq: 25 Jan 2017 19:13

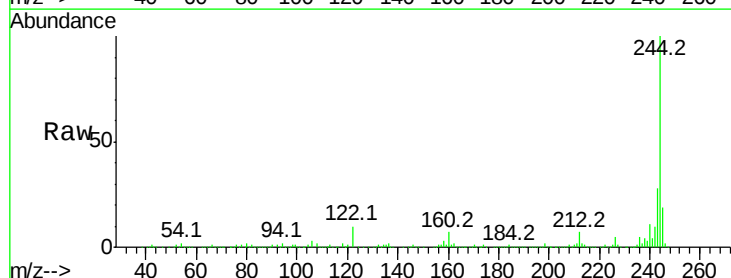
Tgt Ion:244 Resp: 1404042

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

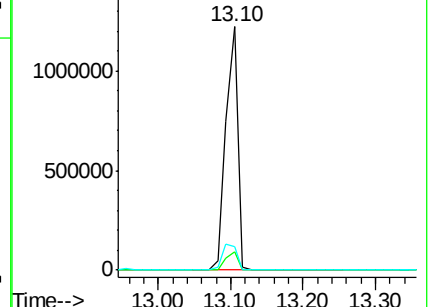
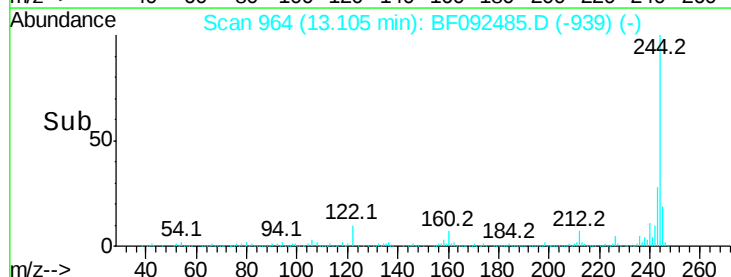
122 9.7 11.4 17.2#

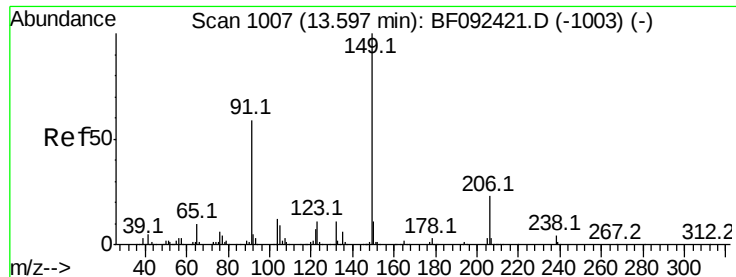


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 35.60 ng

RT: 13.57 min Scan# 1005

Delta R.T. -0.02 min

Lab File: BF092485.D

Acq: 25 Jan 2017 19:13

Instrument :

BNA_F

ClientSampleId :

PB96282BS

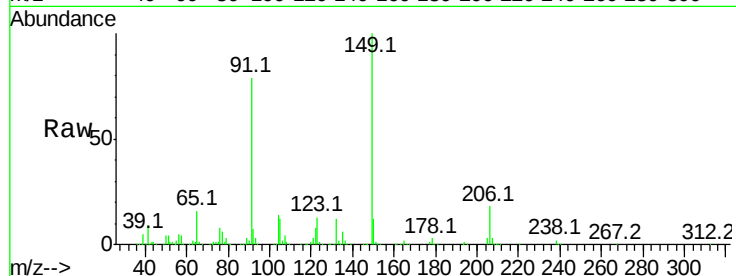
Tot Ion:149 Resp: 543542

Ion Ratio Lower Upper

149 100

91 79.0 63.9 95.9

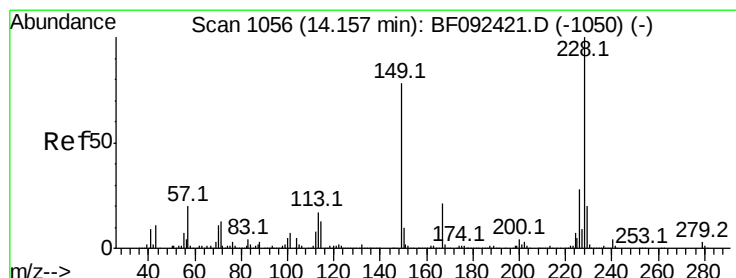
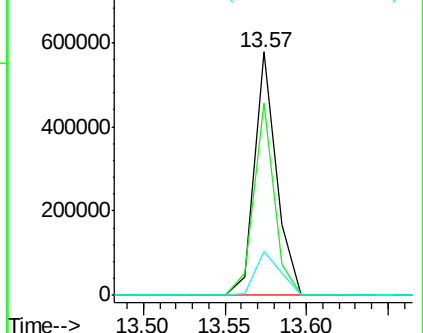
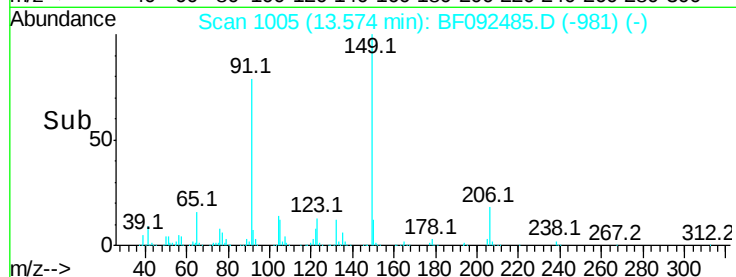
206 17.8 14.6 21.8



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: 35.58 ng

RT: 14.15 min Scan# 1055

Delta R.T. -0.01 min

Lab File: BF092485.D

Acq: 25 Jan 2017 19:13

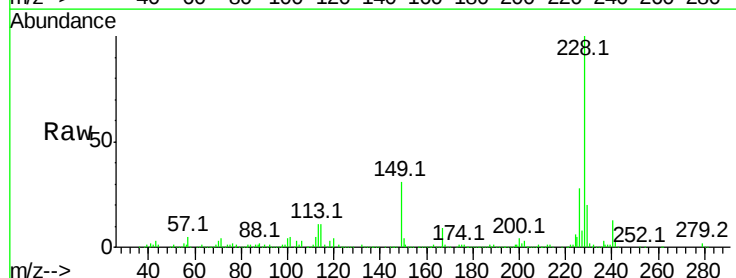
Tgt Ion:228 Resp: 994658

Ion Ratio Lower Upper

228 100

226 27.9 22.4 33.6

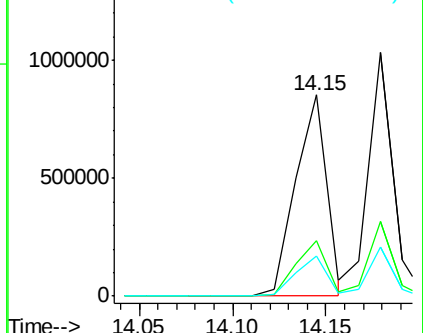
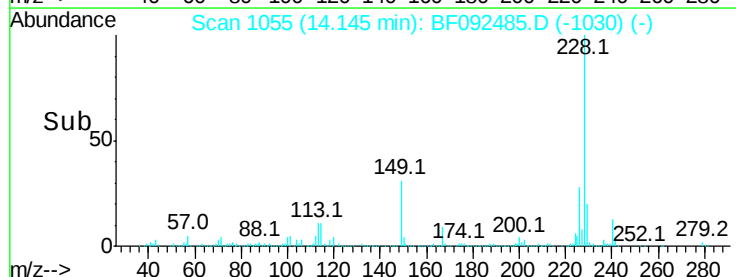
229 19.9 16.2 24.4

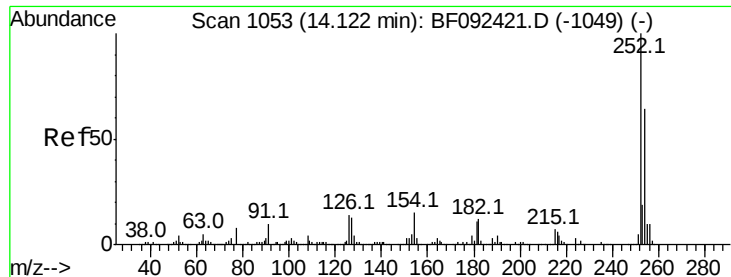


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

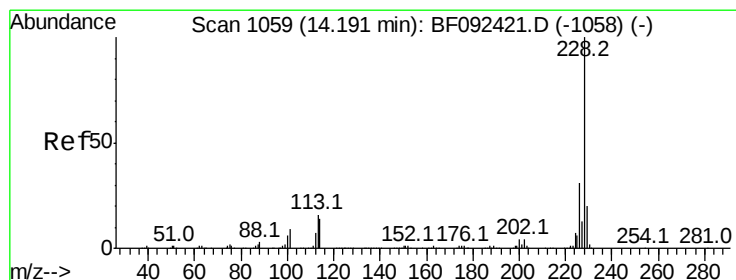
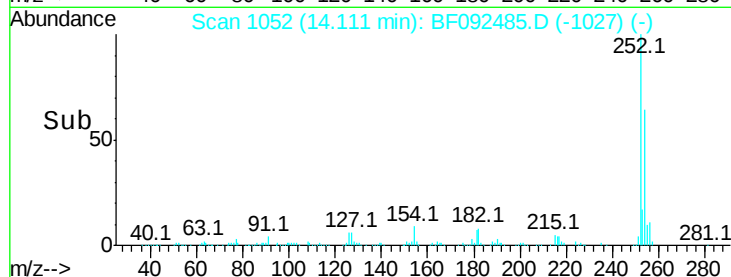
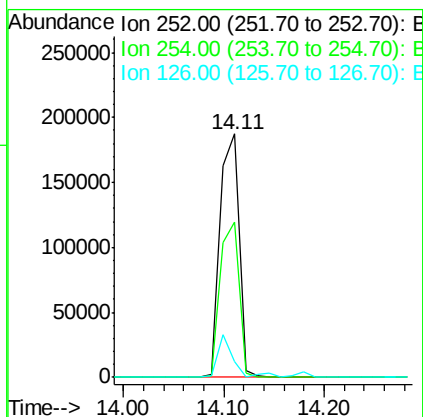
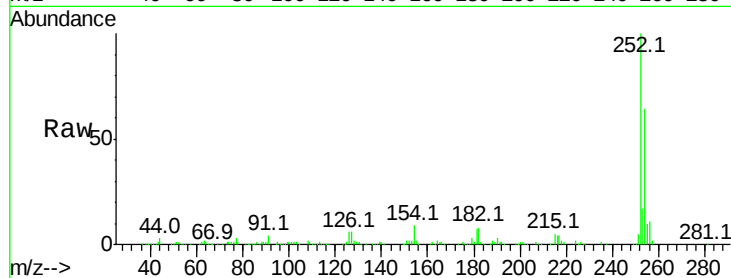




#81
 3,3'-Dichlorobenzidine
 Concen: 23.36 ng
 RT: 14.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BF092485.D
 Acq: 25 Jan 2017 19:13

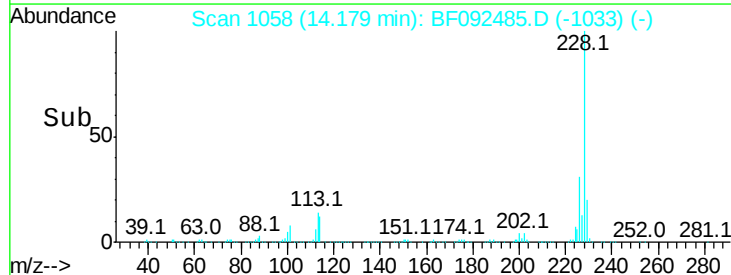
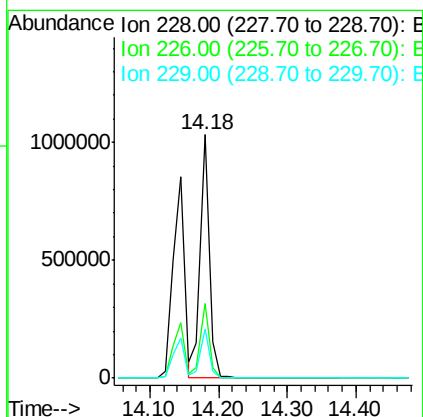
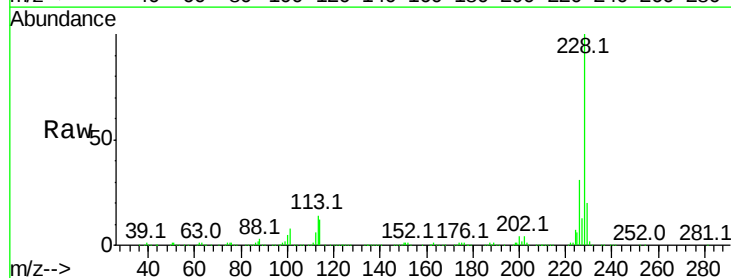
Instrument :
 BNA_F
 ClientSampleId :
 PB96282BS

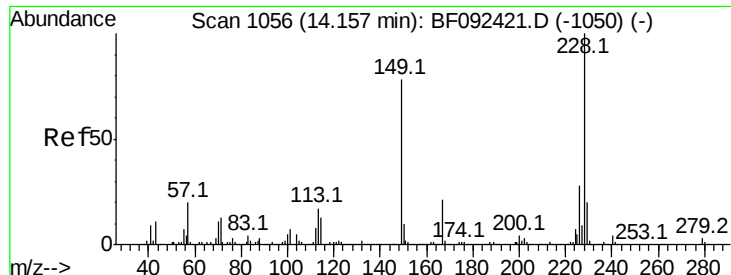
Tot Ion:252 Resp: 247928
 Ion Ratio Lower Upper
 252 100
 254 63.6 52.3 78.5
 126 6.5 13.6 20.4#



#82
 Chrysene
 Concen: 31.24 ng
 RT: 14.18 min Scan# 1058
 Delta R.T. -0.01 min
 Lab File: BF092485.D
 Acq: 25 Jan 2017 19:13

Tgt Ion:228 Resp: 932792
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.4 38.0
 229 20.2 16.2 24.2

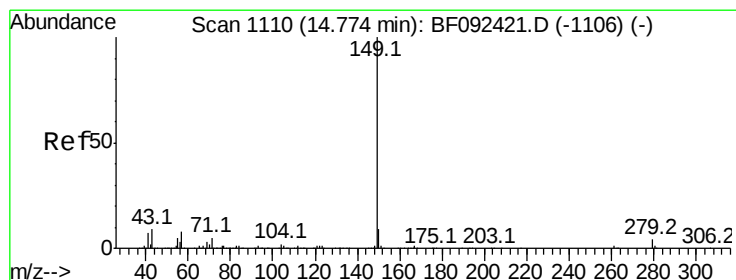
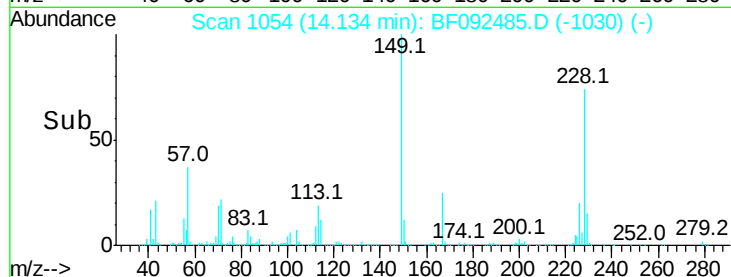
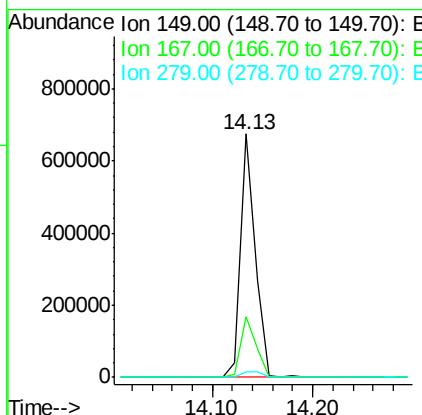
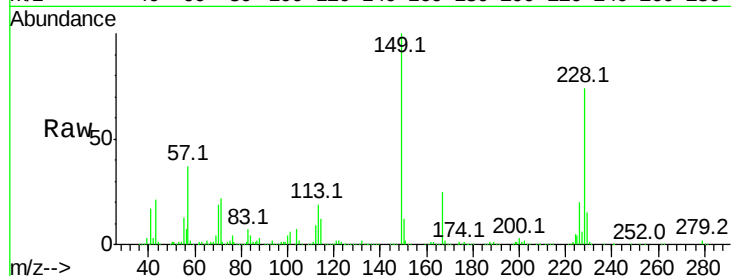




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.51 ng
 RT: 14.13 min Scan# 1054
 Delta R.T. -0.02 min
 Lab File: BF092485.D
 Acq: 25 Jan 2017 19:13

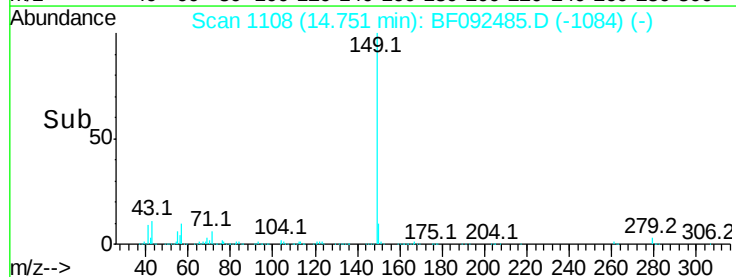
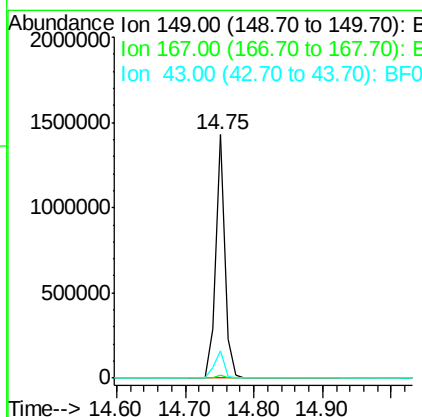
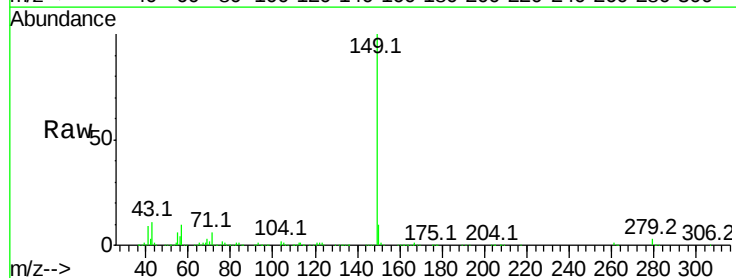
Instrument :
 BNA_F
 ClientSampleId :
 PB96282BS

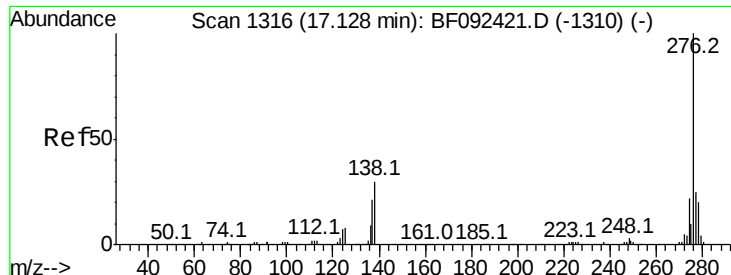
Tot Ion:149 Resp: 682864
 Ion Ratio Lower Upper
 149 100
 167 25.0 20.2 30.4
 279 2.3 1.8 2.8



#84
 Di-n-octyl phthalate
 Concen: 38.81 ng
 RT: 14.75 min Scan# 1108
 Delta R.T. -0.02 min
 Lab File: BF092485.D
 Acq: 25 Jan 2017 19:13

Tgt Ion:149 Resp: 1354913
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.3 1.9
 43 12.3 8.9 13.3

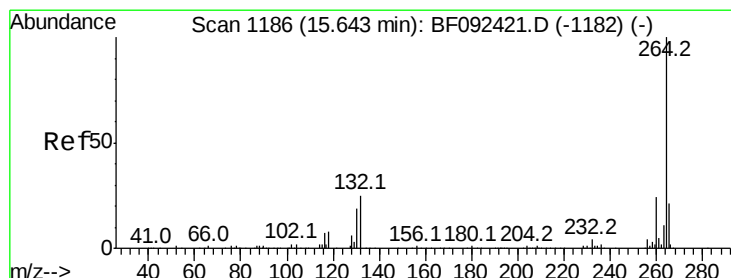
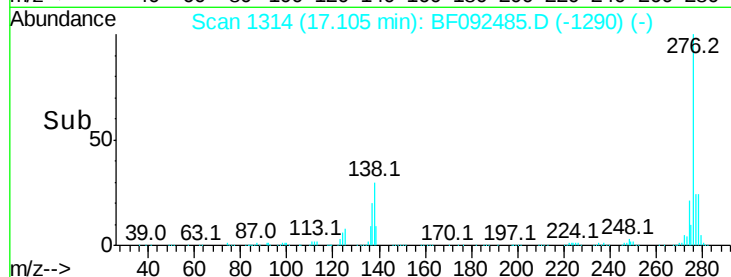
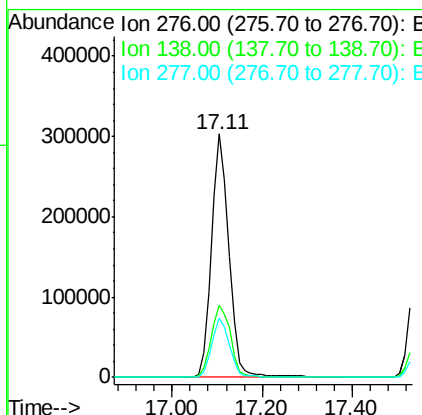
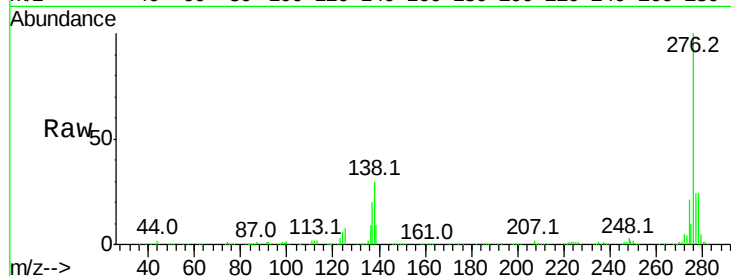




#85
Indeno(1,2,3-cd)pyrene
Concen: 37.23 ng
RT: 17.11 min Scan# 1314
Delta R.T. -0.02 min
Lab File: BF092485.D
Acq: 25 Jan 2017 19:13

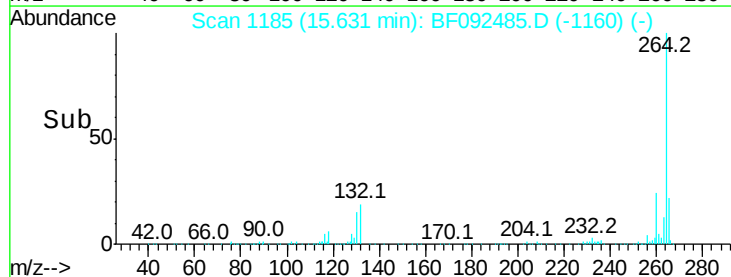
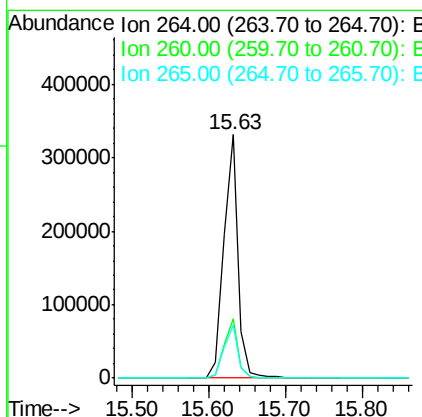
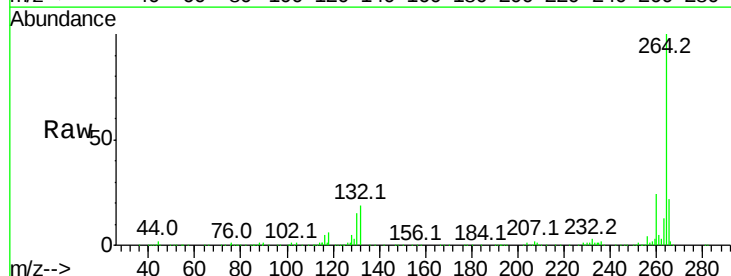
Instrument :
BNA_F
ClientSampleId :
PB96282BS

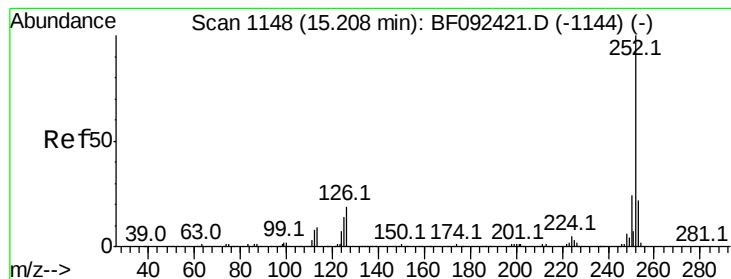
Tot Ion:276 Resp: 822284
Ion Ratio Lower Upper
276 100
138 33.0 21.8 32.6#
277 25.0 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.63 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF092485.D
Acq: 25 Jan 2017 19:13

Tgt Ion:264 Resp: 431805
Ion Ratio Lower Upper
264 100
260 24.2 19.2 28.8
265 21.9 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 33.42 ng

RT: 15.20 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BF092485.D

Acq: 25 Jan 2017 19:13

Instrument :

BNA_F

ClientSampleId :

PB96282BS

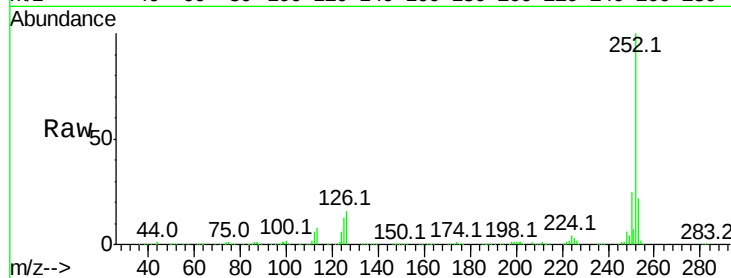
Tot Ion:252 Resp: 926462

Ion Ratio Lower Upper

252 100

253 21.7 18.2 27.4

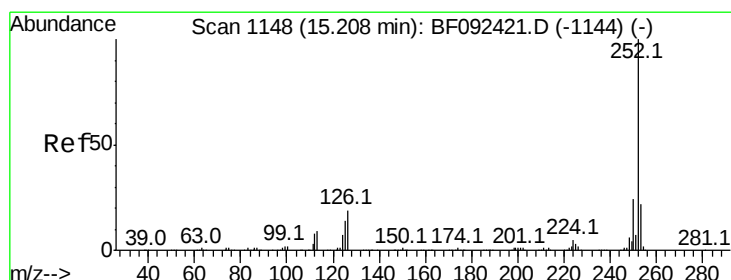
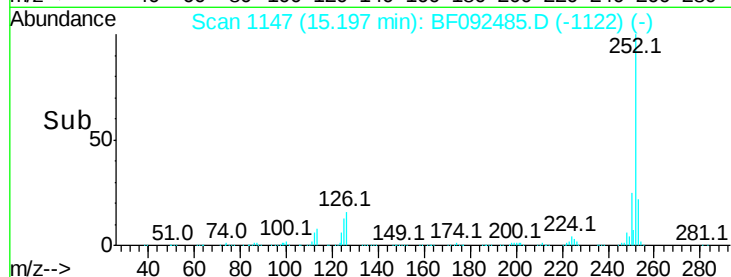
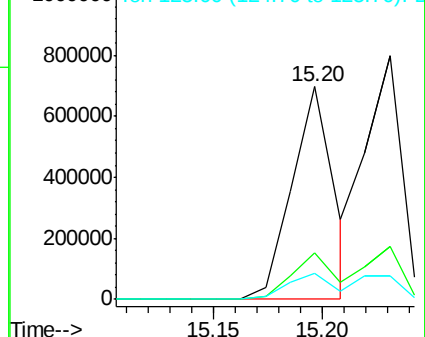
125 12.5 9.8 14.6



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: 41.06 ng m

RT: 15.23 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF092485.D

Acq: 25 Jan 2017 19:13

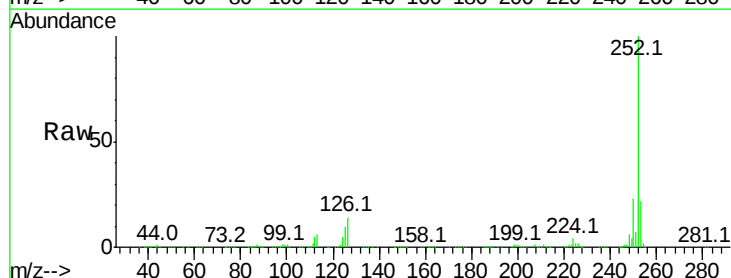
Tgt Ion:252 Resp: 946564

Ion Ratio Lower Upper

252 100

253 21.7 18.5 27.7

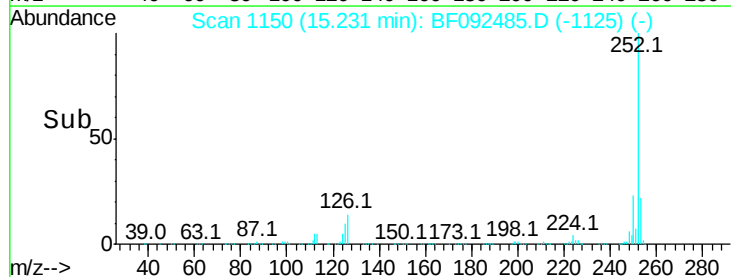
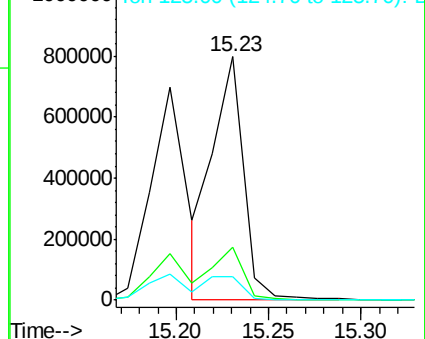
125 9.8 8.9 13.3

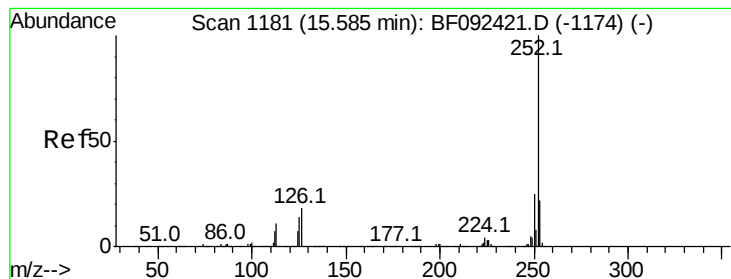


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 37.90 ng

RT: 15.56 min Scan# 1179

Delta R.T. -0.02 min

Lab File: BF092485.D

Acq: 25 Jan 2017 19:13

Instrument :

BNA_F

ClientSampleId :

PB96282BS

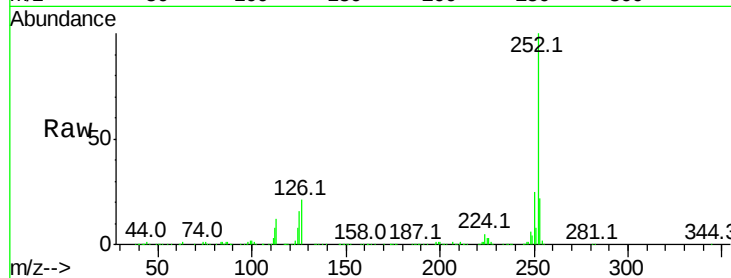
Tot Ion:252 Resp: 888884

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.2

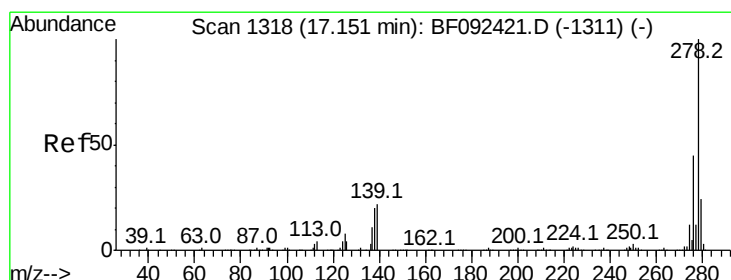
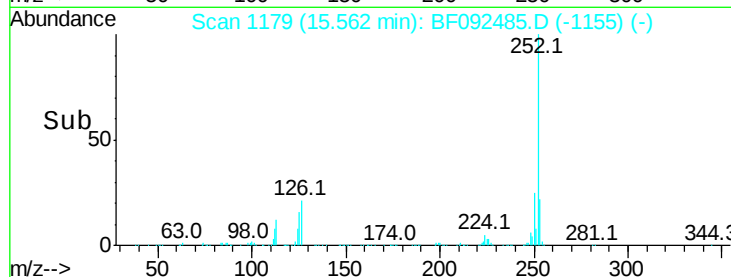
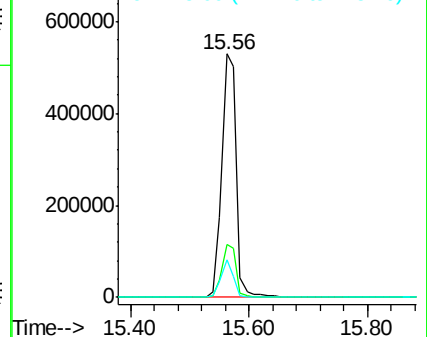
125 15.6 10.0 15.0#



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: 36.23 ng

RT: 17.13 min Scan# 1316

Delta R.T. -0.02 min

Lab File: BF092485.D

Acq: 25 Jan 2017 19:13

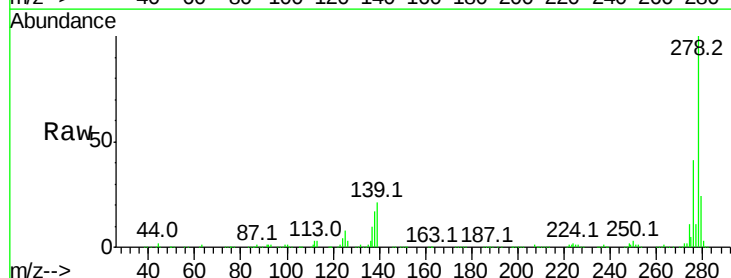
Tgt Ion:278 Resp: 686997

Ion Ratio Lower Upper

278 100

139 20.6 14.8 22.2

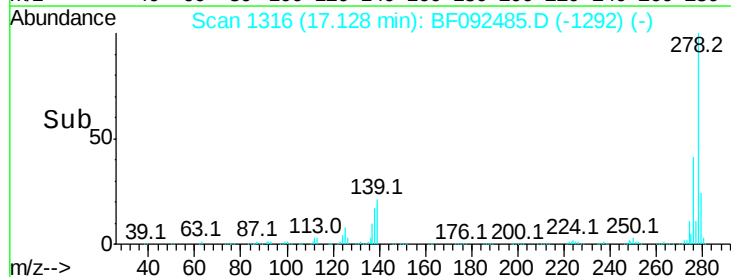
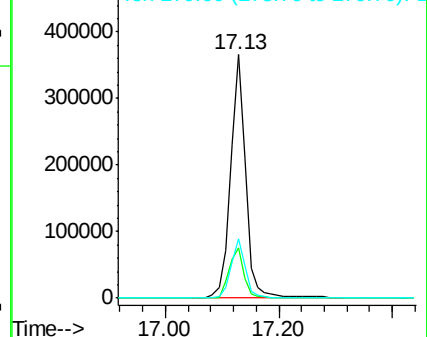
279 24.2 19.8 29.6

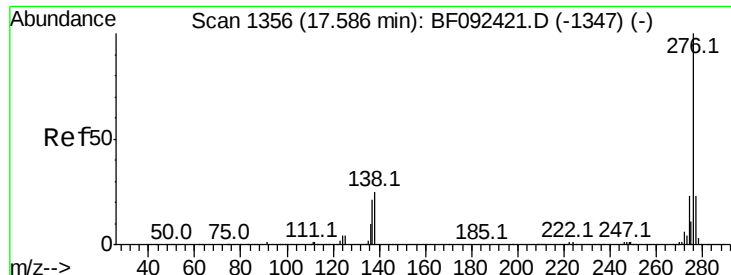


Abundance Ion 278.00 (277.70 to 278.70): E

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: 35.37 ng

RT: 17.55 min Scan# 1353

Delta R.T. -0.03 min

Lab File: BF092485.D

Acq: 25 Jan 2017 19:13

Instrument :

BNA_F

ClientSampleId :

PB96282BS

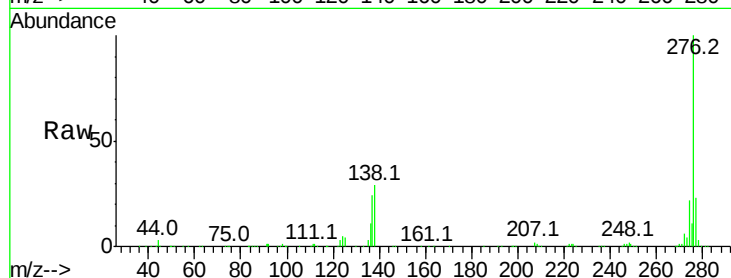
Tot Ion: 276 Resp: 678280

Ion Ratio Lower Upper

276 100

277 23.0 19.2 28.8

138 29.0 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

