

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
 Data File : BF084492.D
 Acq On : 15 Jan 2016 15:49
 Operator : SJ/UM
 Sample : PB87835BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87835BS

Quant Time: Jan 16 02:25:23 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 16 01:26:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	287850	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	1174135	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	551400	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	977473	20.00	ng	0.01
75) Chrysene-d12	13.99	240	590160	20.00	ng	0.00
86) Perylene-d12	15.40	264	594700	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	2037613	114.50	ng	0.01
7) Phenol-d6	6.48	99	2740271	122.60	ng	0.01
23) Nitrobenzene-d5	7.39	82	1689250	80.07	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	629280	113.04	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	2914803	93.64	ng	0.00
78) Terphenyl-d14	12.94	244	2573393	97.33	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	288144	34.18	ng	# 79
3) Pyridine	3.17	79	881839	37.52	ng	# 77
4) n-Nitrosodimethylamine	3.13	42	428944	35.55	ng	# 91
6) Aniline	6.49	93	419499	12.83	ng	# 1
8) 2-Chlorophenol	6.61	128	859612	42.57	ng	94
9) Benzaldehyde	6.36	77	69413	4.77	ng	92
10) Phenol	6.49	94	1147177	45.14	ng	94
11) bis(2-Chloroethyl)ether	6.57	93	860278	43.70	ng	89
12) 1,3-Dichlorobenzene	6.76	146	818308	39.29	ng	# 94
13) 1,4-Dichlorobenzene	6.84	146	866683	41.49	ng	95
14) 1,2-Dichlorobenzene	6.99	146	749239	37.46	ng	94
15) Benzyl Alcohol	6.97	79	687005	36.54	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1338115	37.33	ng	89
17) 2-Methylphenol	7.09	107	727490	42.99	ng	96
18) Hexachloroethane	7.33	117	321319	38.47	ng	92
19) n-Nitroso-di-n-propylamine	7.24	70	555298	36.70	ng	# 74
20) 3+4-Methylphenols	7.24	107	842531	42.36	ng	# 53
22) Acetophenone	7.24	105	1151137	40.77	ng	# 95
24) Nitrobenzene	7.41	77	962040	44.96	ng	97
25) Isophorone	7.65	82	1646500	40.81	ng	97
26) 2-Nitrophenol	7.73	139	483213	49.62	ng	# 87
27) 2,4-Dimethylphenol	7.78	122	854238	43.34	ng	88
28) bis(2-Chloroethoxy)methane	7.87	93	1065779	43.24	ng	# 96
29) 2,4-Dichlorophenol	7.97	162	686654	41.82	ng	97
30) 1,2,4-Trichlorobenzene	8.05	180	741866	43.76	ng	95
31) Naphthalene	8.13	128	2254669	42.32	ng	98
32) Benzoic acid	7.90	122	483753	39.43	ng	96
33) 4-Chloroaniline	8.18	127	172274	7.05	ng	99
34) Hexachlorobutadiene	8.25	225	391659	40.19	ng	98
35) Caprolactam	8.56	113	247279m	44.67	ng	
36) 4-Chloro-3-methylphenol	8.68	107	778797	42.34	ng	100
37) 2-Methylnaphthalene	8.83	142	1633921	42.73	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	612799	38.66	ng	99
40) Hexachlorocyclopentadiene	8.98	237	605268	63.25	ng	97

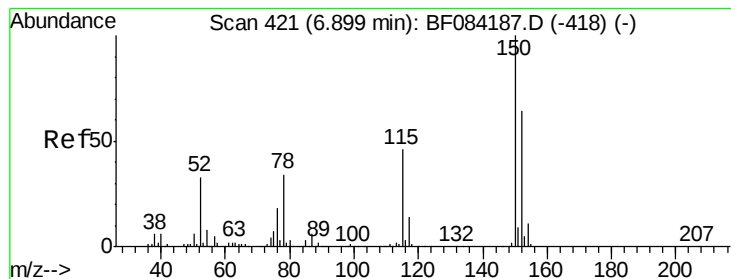
Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	478862	40.38	nq	98
43) 2,4,5-Trichlorophenol	9.16	196	500787	44.05	nq	94
45) 1,1'-Biphenyl	9.29	154	1820952	41.55	nq	98
46) 2-Chloronaphthalene	9.31	162	1432690	41.62	nq	96
47) 2-Nitroaniline	9.41	65	460268	40.51	nq	96
48) Acenaphthylene	9.73	152	2212251	43.50	nq	96
49) Dimethylphthalate	9.60	163	1602698	40.66	nq	# 89
50) 2,6-Dinitrotoluene	9.66	165	388771	44.97	nq	# 83
51) Acenaphthene	9.90	154	1699859	49.83	nq	98
52) 3-Nitroaniline	9.82	138	150213	14.02	nq	# 83
53) 2,4-Dinitrophenol	9.94	184	451237	120.63	nq	# 79
54) Dibenzofuran	10.08	168	1893394	42.70	nq	94
55) 4-Nitrophenol	10.01	139	677189	87.08	nq	# 83
56) 2,4-Dinitrotoluene	10.06	165	553916	50.62	nq	95
57) Fluorene	10.42	166	1532799	44.86	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	408325	42.07	nq	87
59) Diethylphthalate	10.30	149	1690065	43.48	nq	94
60) 4-Chlorophenyl-phenylether	10.41	204	637563	44.06	nq	93
61) 4-Nitroaniline	10.44	138	352136	36.87	nq	88
62) Azobenzene	10.57	77	1672284	39.23	nq	89
64) 4,6-Dinitro-2-methylphenol	10.46	198	271869	45.75	nq	# 56
65) n-Nitrosodiphenylamine	10.53	169	1323615	42.35	nq	99
66) 4-Bromophenyl-phenylether	10.90	248	440977	41.91	nq	# 84
67) Hexachlorobenzene	10.97	284	513124	43.33	nq	# 89
68) Atrazine	11.06	200	341081	33.35	nq	98
69) Pentachlorophenol	11.16	266	490097	79.82	nq	99
70) Phenanthrene	11.38	178	2244462	43.90	nq	95
71) Anthracene	11.42	178	2140934	42.72	nq	98
72) Carbazole	11.58	167	1832948	37.41	nq	98
73) Di-n-butylphthalate	11.92	149	2357234	45.35	nq	# 96
74) Fluoranthene	12.57	202	2207819	41.34	nq	93
77) Pyrene	12.78	202	2175517	46.98	nq	99
79) Butylbenzylphthalate	13.41	149	969706	48.39	nq	92
80) Benzo(a)anthracene	13.97	228	1538371	44.39	nq	98
81) 3,3'-Dichlorobenzidine	13.94	252	223084	18.45	nq	# 94
82) Chrysene	14.02	228	1590024	47.75	nq	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	1161736	45.88	nq	99
84) Di-n-octyl phthalate	14.59	149	2055633	48.09	nq	# 89
85) Indeno(1,2,3-cd)pyrene	16.79	276	1691041	64.07	nq	98
87) Benzo(b)fluoranthene	15.00	252	1479605	38.03	nq	# 95
88) Benzo(k)fluoranthene	15.04	252	1482912m	46.61	nq	
89) Benzo(a)pyrene	15.35	252	1470765	44.57	nq	# 94
90) Dibenzo(a,h)anthracene	16.81	278	1397741	49.23	nq	98
91) Benzo(g,h,i)perylene	17.21	276	1423550	48.41	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

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PB87835BS

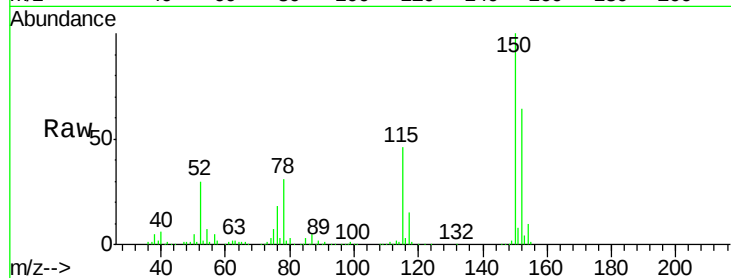
Tot Ion:152 Resp: 287850

Ion Ratio Lower Upper

152 100

150 156.5 123.0 184.4

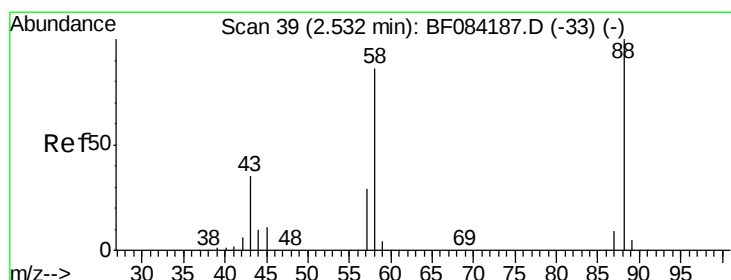
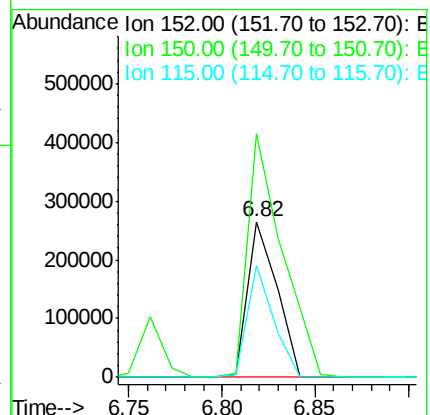
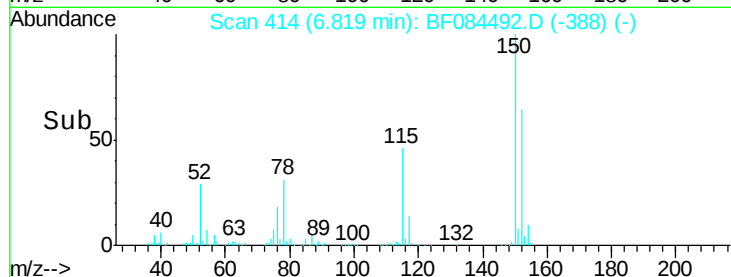
115 71.5 51.4 77.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 34.18 ng

RT: 2.46 min Scan# 33

Delta R.T. 0.08 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

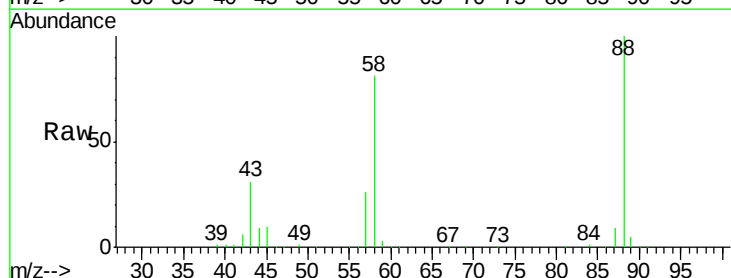
Tgt Ion: 88 Resp: 288144

Ion Ratio Lower Upper

88 100

58 82.8 51.2 76.8#

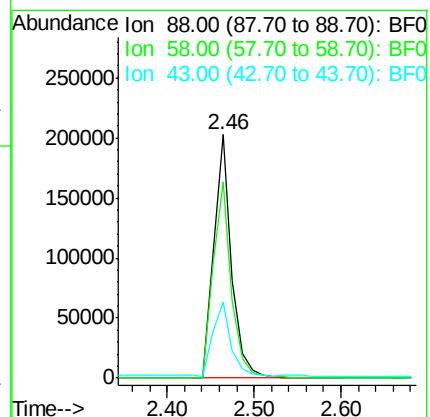
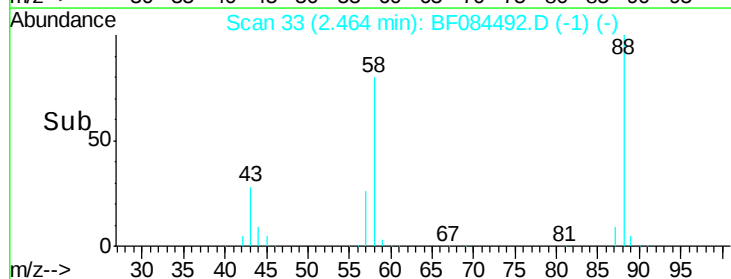
43 31.0 19.5 29.3#

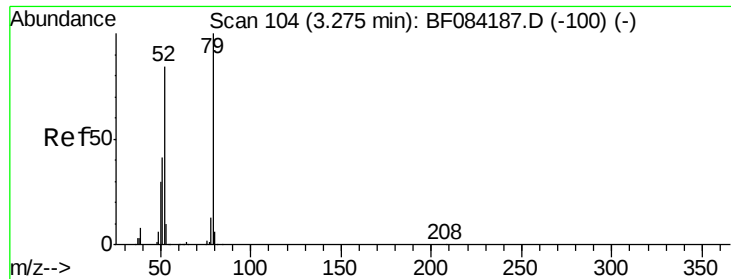


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 37.52 ng

RT: 3.17 min Scan# 95

Delta R.T. 0.07 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Instrument :

BNA_F

ClientSampled :

PB87835BS

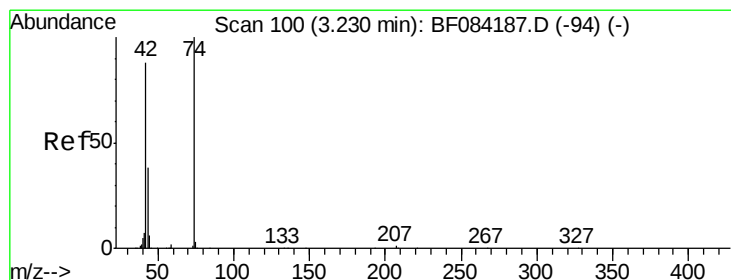
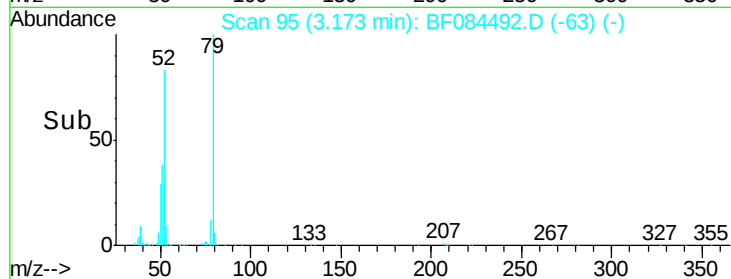
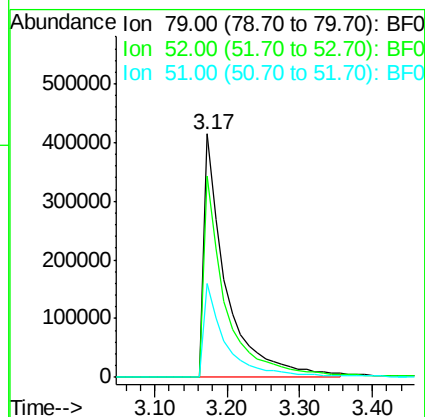
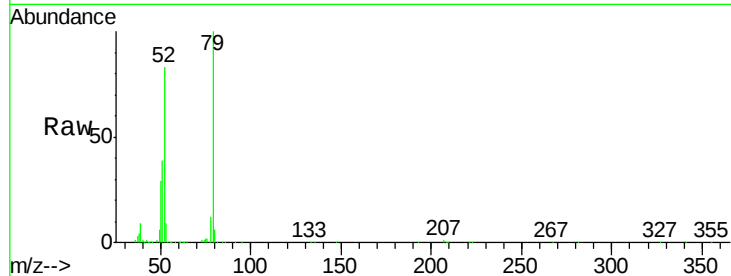
Tot Ion: 79 Resp: 881839

Ion Ratio Lower Upper

79 100

52 82.9 49.0 73.4#

51 38.5 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 35.55 ng

RT: 3.13 min Scan# 91

Delta R.T. 0.07 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

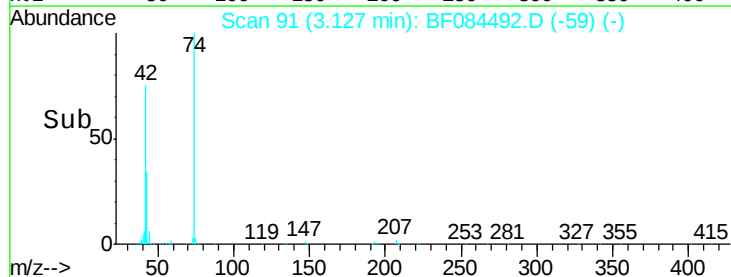
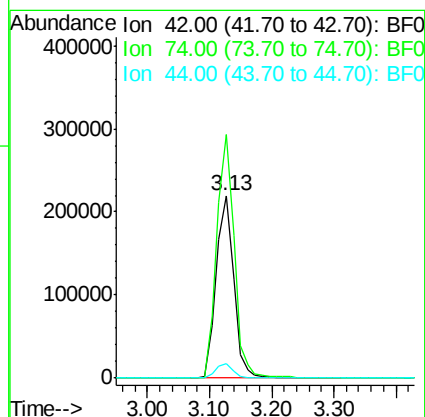
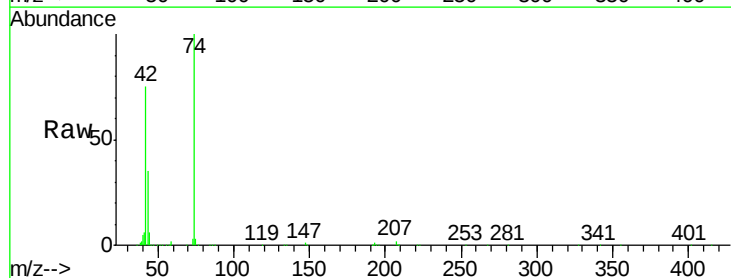
Tgt Ion: 42 Resp: 428944

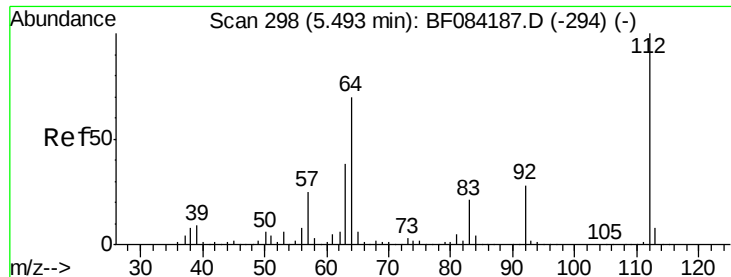
Ion Ratio Lower Upper

42 100

74 133.2 115.7 173.5

44 7.9 5.1 7.7#





#5

2-Fluorophenol

Concen: 114.50 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Instrument :

BNA_F

ClientSampleId :

PB87835BS

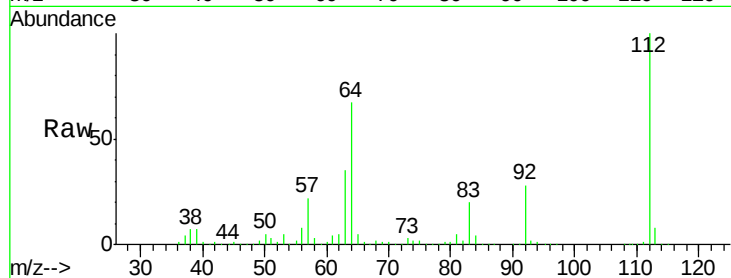
Tot Ion:112 Resp: 2037613

Ion Ratio Lower Upper

112 100

64 66.8 36.6 55.0#

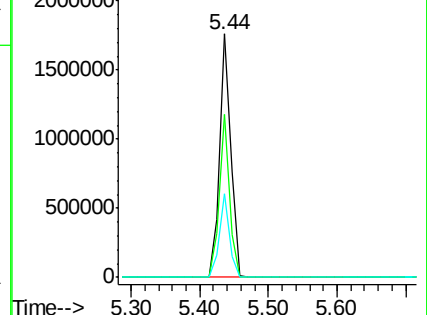
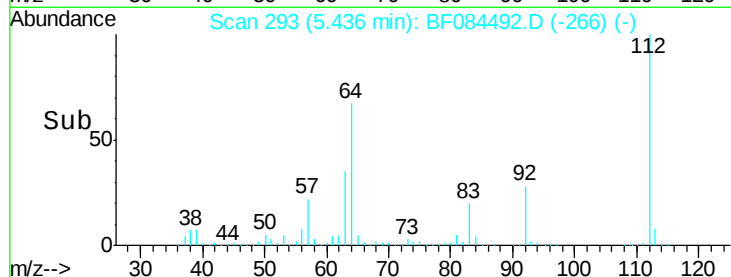
63 34.5 19.4 29.0#



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: 12.83 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

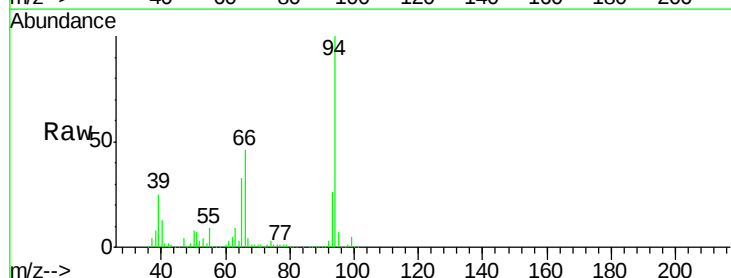
Tgt Ion: 93 Resp: 419499

Ion Ratio Lower Upper

93 100

66 177.6 44.9 67.3#

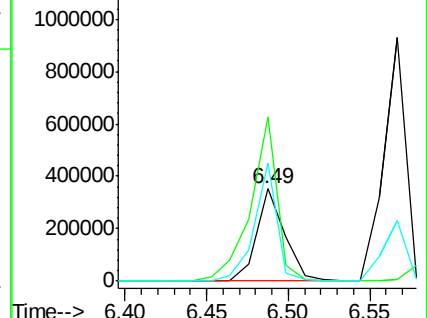
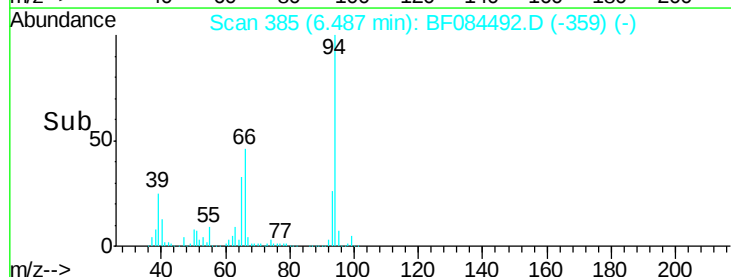
65 127.3 23.7 35.5#

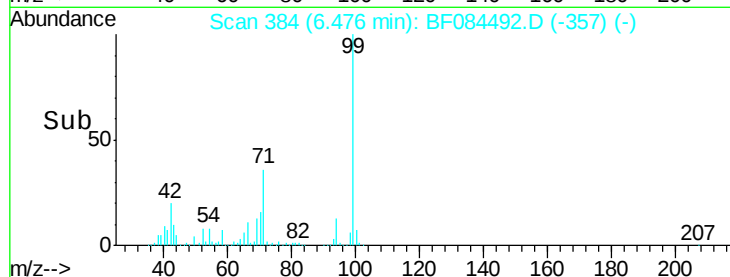
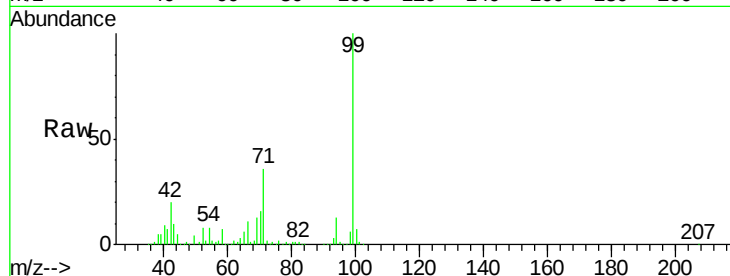
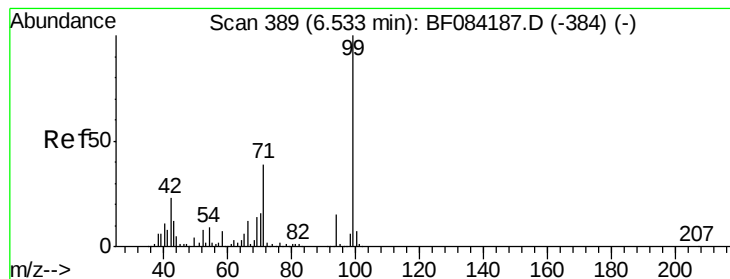


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 122.60 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.01 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Instrument :

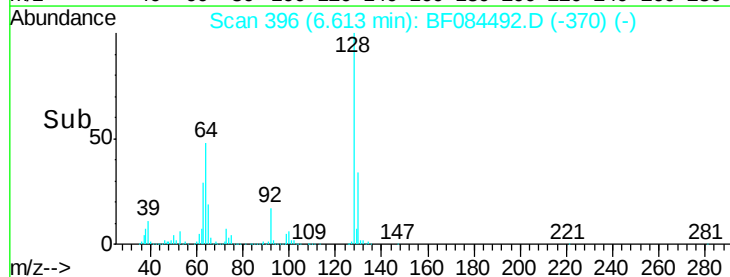
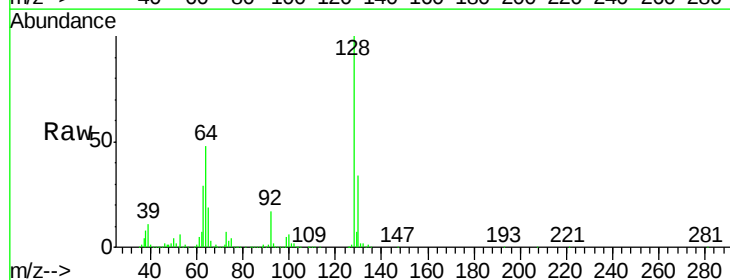
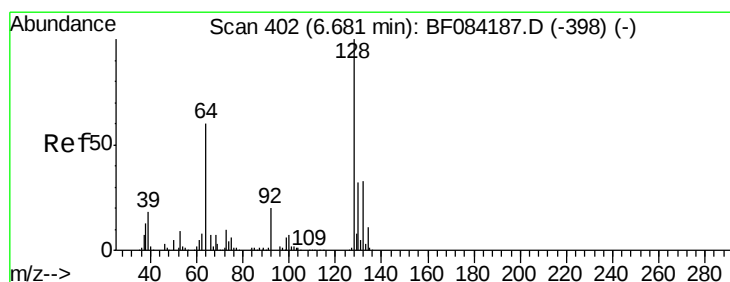
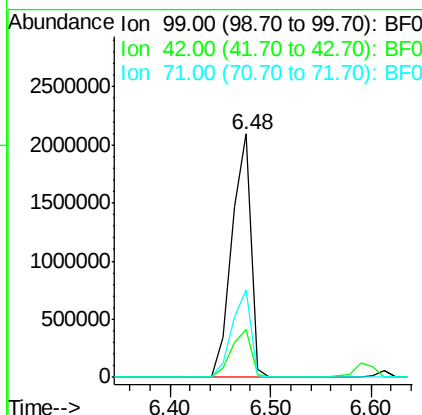
BNA_F

ClientSampled :

PB87835BS

Tot Ion: 99 Resp: 2740271

Ion	Ratio	Lower	Upper
99	100		
42	19.6	12.8	19.2#
71	36.2	30.9	46.3



#8

2-Chlorophenol

Concen: 42.57 ng

RT: 6.61 min Scan# 396

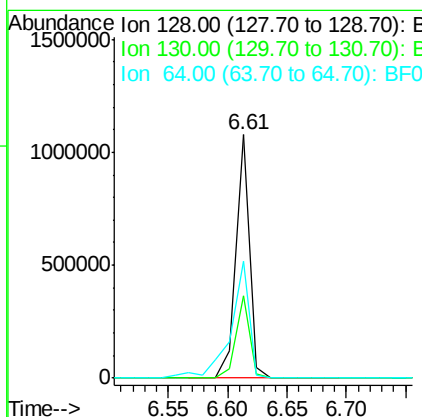
Delta R.T. -0.00 min

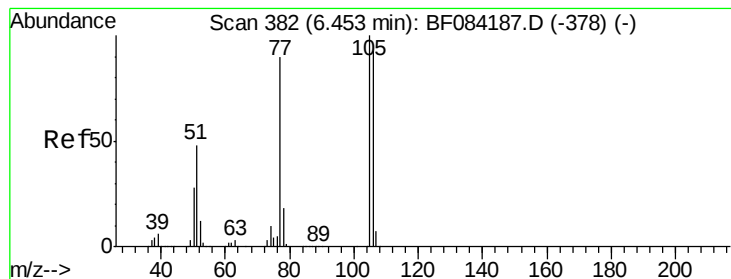
Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Tgt Ion: 128 Resp: 859612

Ion	Ratio	Lower	Upper
128	100		
130	33.9	11.6	51.6
64	48.0	23.8	63.8





#9

Benzaldehyde

Concen: 4.77 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Instrument :

BNA_F

ClientSampleId :

PB87835BS

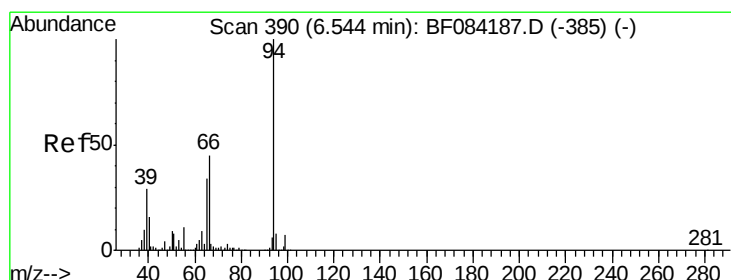
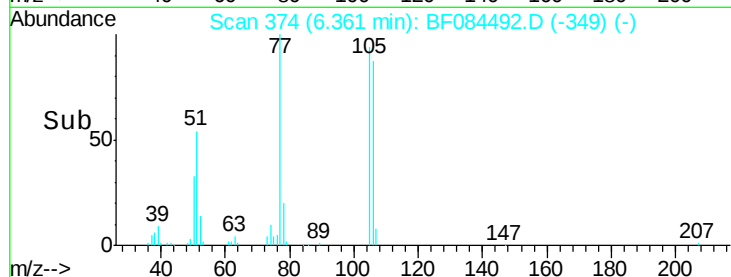
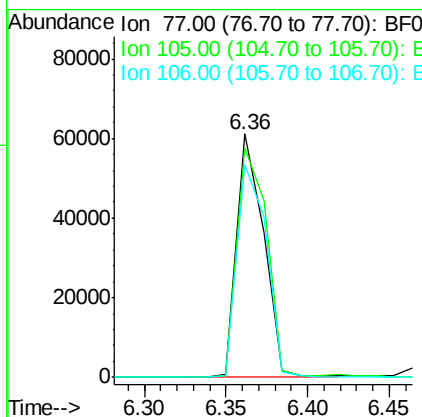
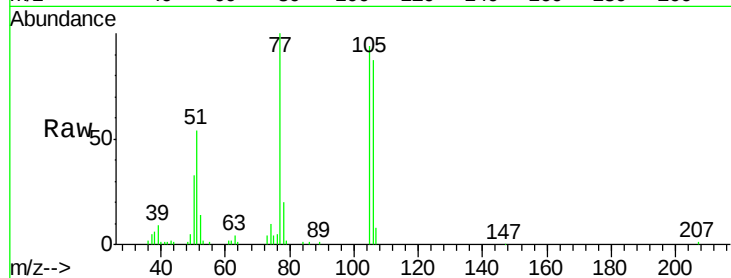
Tot Ion: 77 Resp: 69413

Ion Ratio Lower Upper

77 100

105 94.5 83.0 123.0

106 87.5 74.6 114.6



#10

Phenol

Concen: 45.14 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

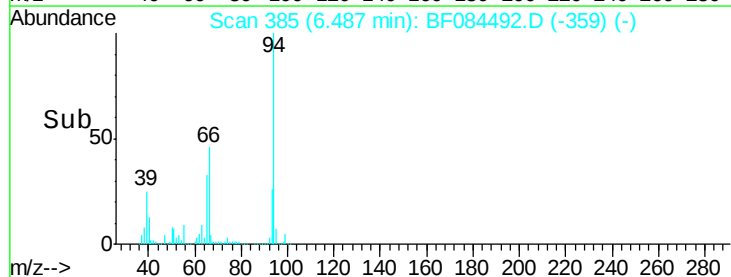
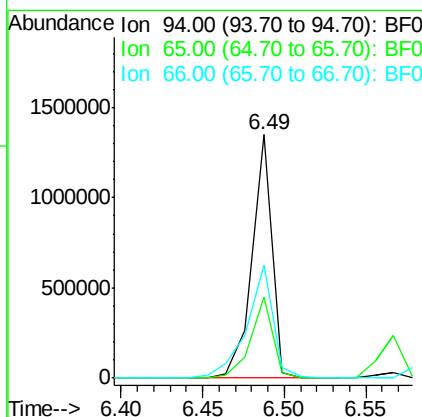
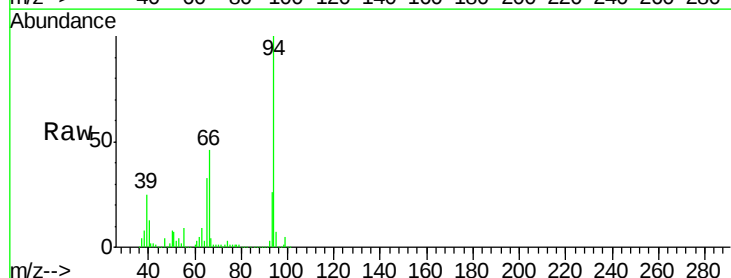
Tgt Ion: 94 Resp: 1147177

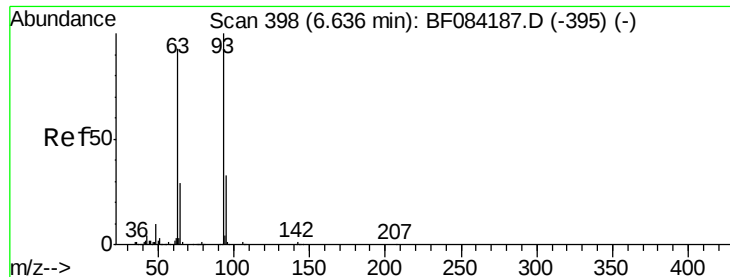
Ion Ratio Lower Upper

94 100

65 33.3 12.9 52.9

66 46.4 32.7 72.7

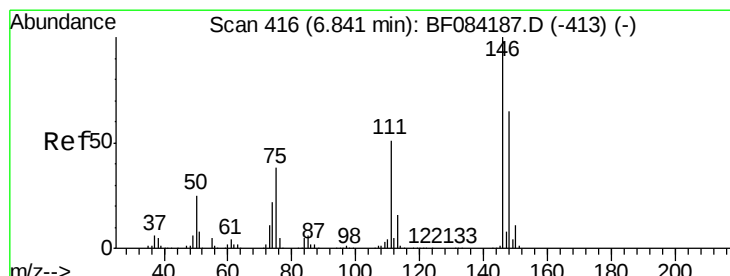
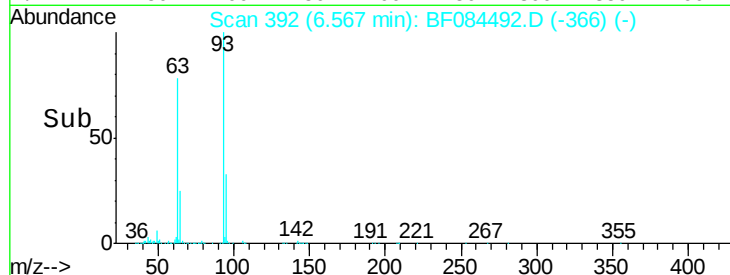
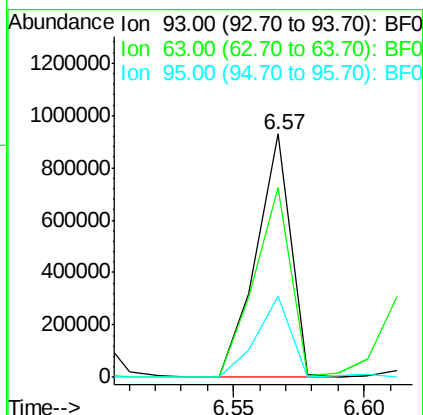
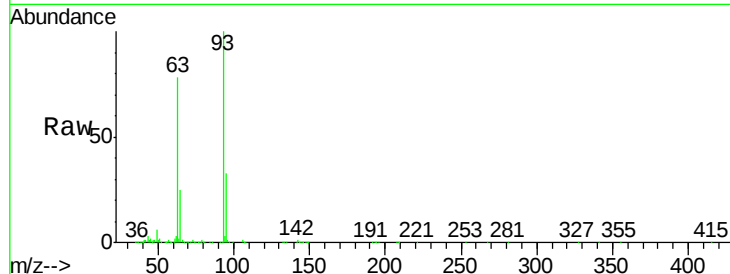




#11
bis(2-Chloroethyl)ether
Concen: 43.70 ng
RT: 6.57 min Scan# 392
Delta R.T. -0.00 min
Lab File: BF084492.D
Acq: 15 Jan 2016 15:49

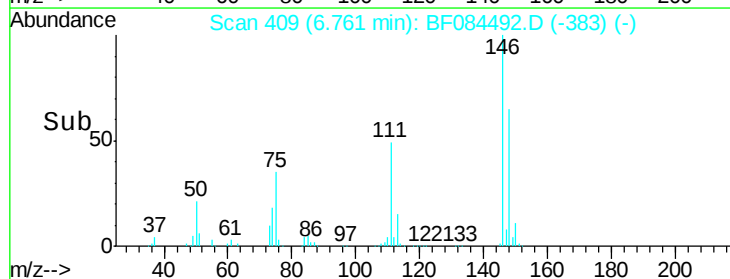
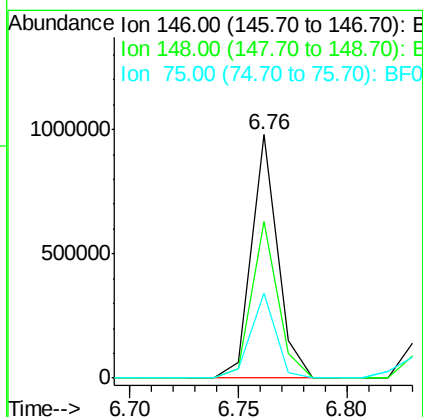
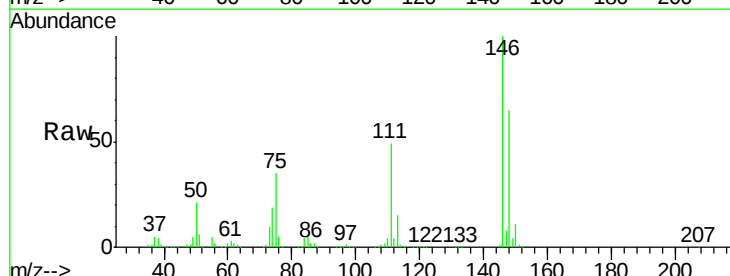
Instrument :
BNA_F
ClientSampleId :
PB87835BS

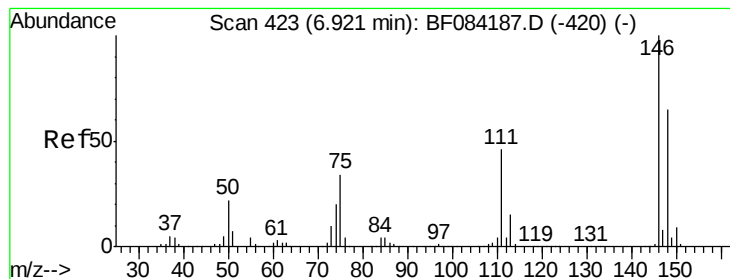
Tot Ion: 93 Resp: 860278
Ion Ratio Lower Upper
93 100
63 78.0 45.9 85.9
95 33.3 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 39.29 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.00 min
Lab File: BF084492.D
Acq: 15 Jan 2016 15:49

Tgt Ion: 146 Resp: 818308
Ion Ratio Lower Upper
146 100
148 64.5 51.9 77.9
75 34.9 20.5 30.7#





#13

1,4-Dichlorobenzene

Concen: 41.49 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Instrument :

BNA_F

ClientSampleId :

PB87835BS

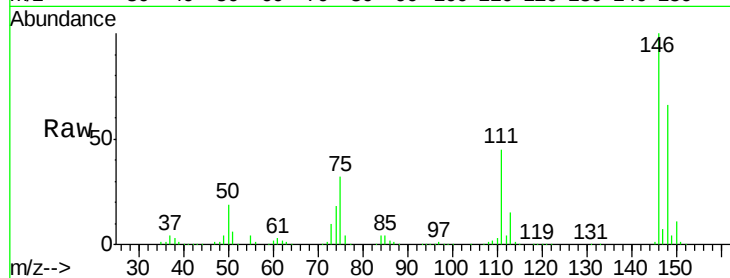
Tot Ion:146 Resp: 866683

Ion Ratio Lower Upper

146 100

148 65.7 51.9 77.9

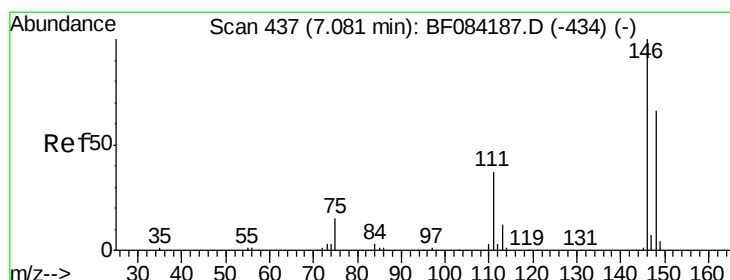
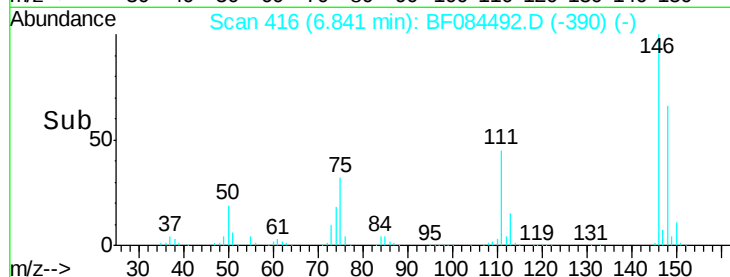
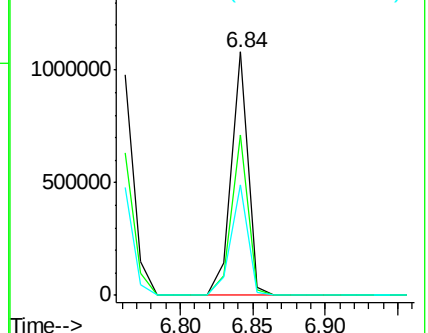
111 45.3 41.6 62.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.46 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

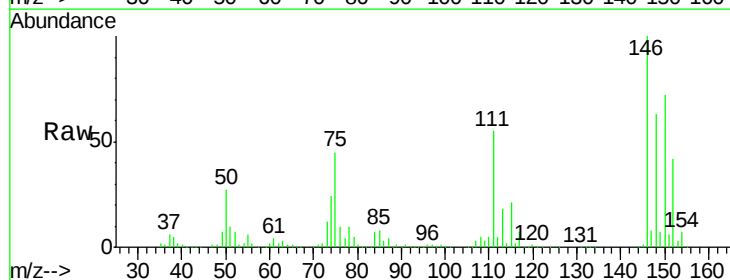
Tgt Ion:146 Resp: 749239

Ion Ratio Lower Upper

146 100

148 62.6 51.6 77.4

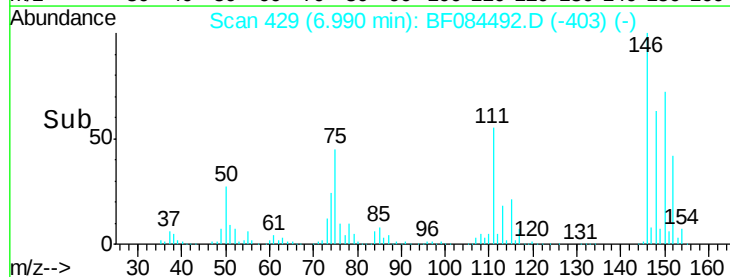
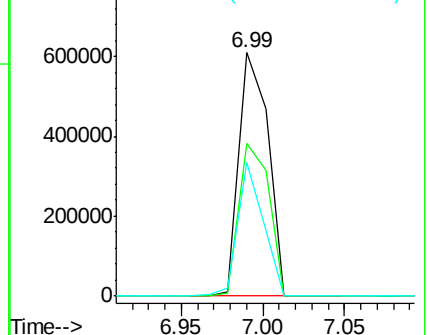
111 54.6 38.0 57.0

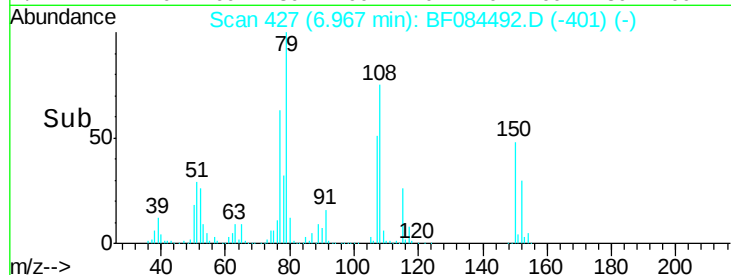
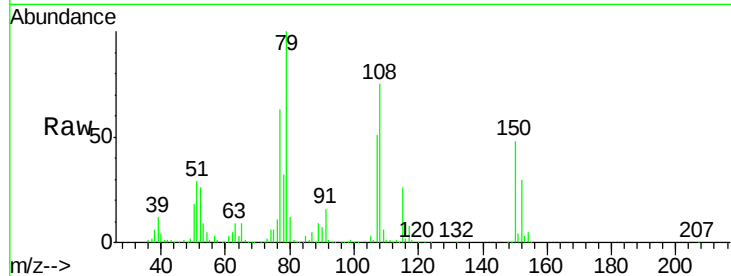
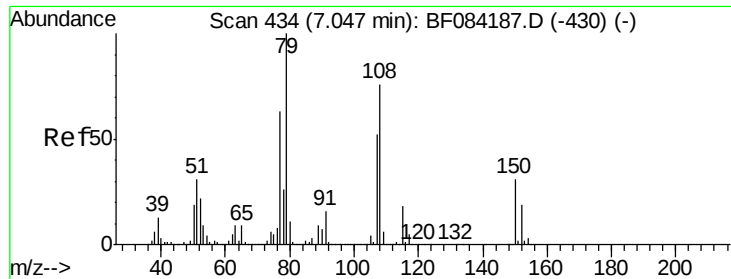


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.54 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Instrument :

BNA_F

ClientSampleId :

PB87835BS

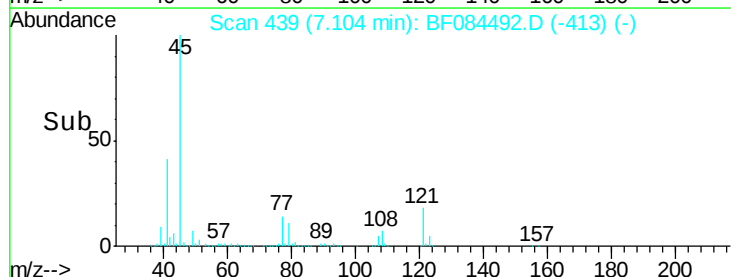
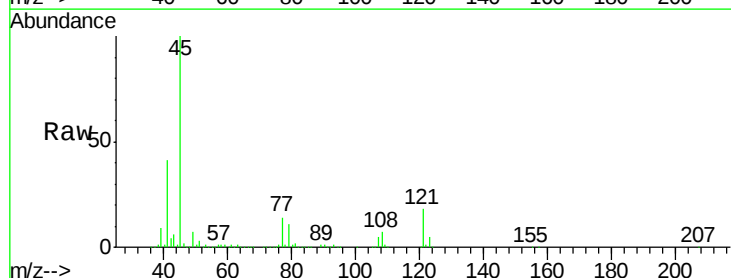
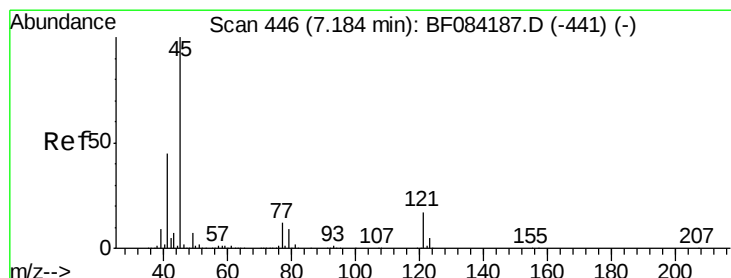
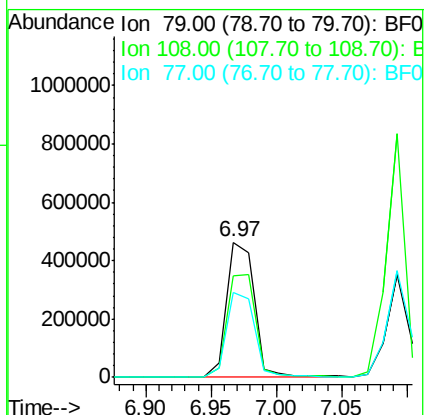
Tot Ion: 79 Resp: 687005

Ion Ratio Lower Upper

79 100

108 75.1 69.0 103.4

77 62.9 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.33 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

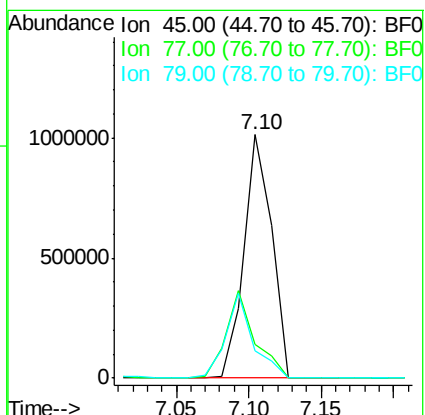
Tgt Ion: 45 Resp: 1338115

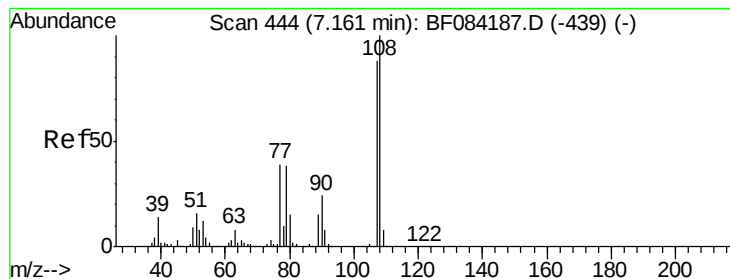
Ion Ratio Lower Upper

45 100

77 13.7 0.0 39.6

79 11.2 0.0 35.0





#17

2-Methylphenol

Concen: 42.99 ng

RT: 7.09 min Scan# 438

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Instrument :

BNA_F

ClientSampleId :

PB87835BS

Tot Ion:107 Resp: 727490

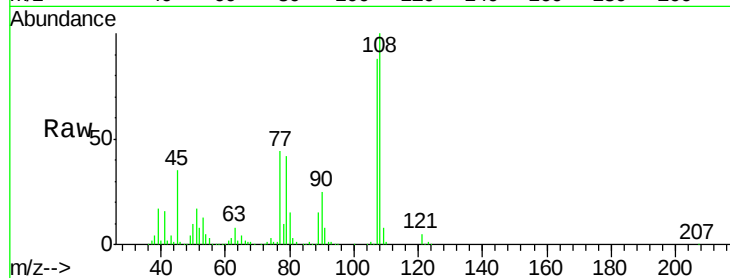
Ion Ratio Lower Upper

107 100

108 113.7 89.8 134.6

77 49.7 35.7 53.5

79 48.3 35.7 53.5

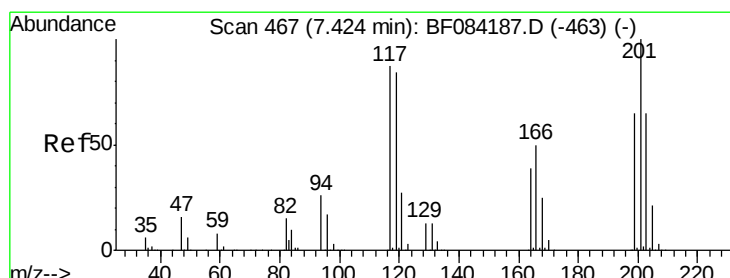
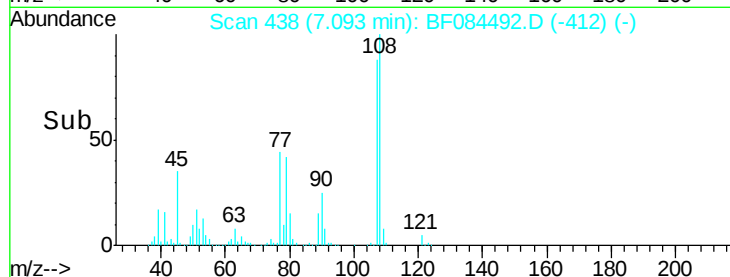
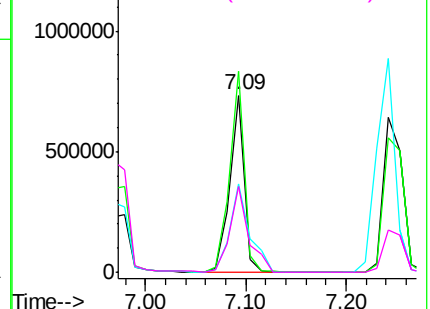


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.47 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

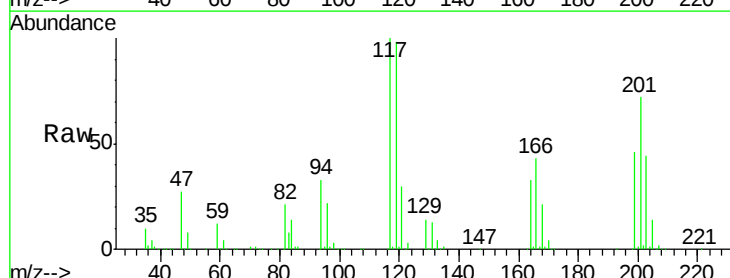
Tgt Ion:117 Resp: 321319

Ion Ratio Lower Upper

117 100

119 97.5 77.4 116.0

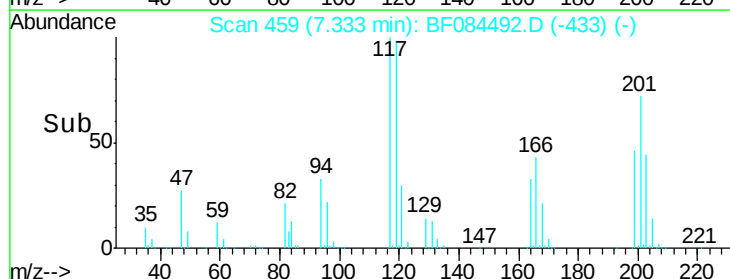
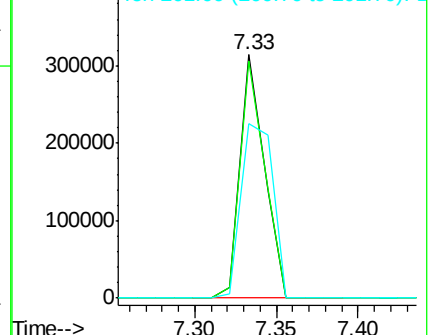
201 71.7 68.6 103.0

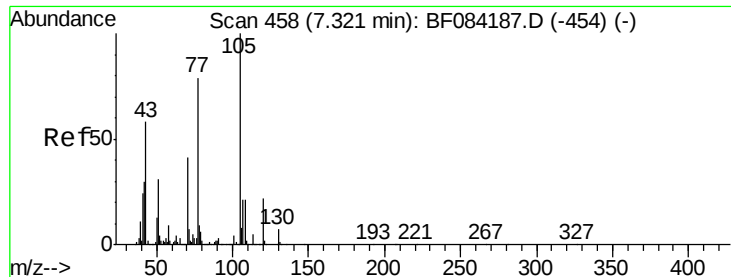


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

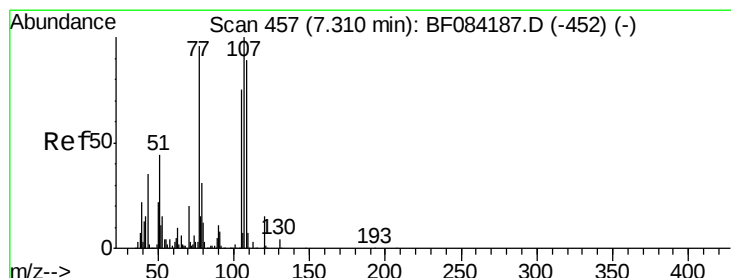
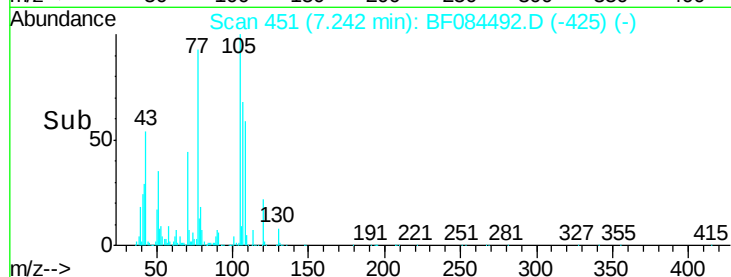
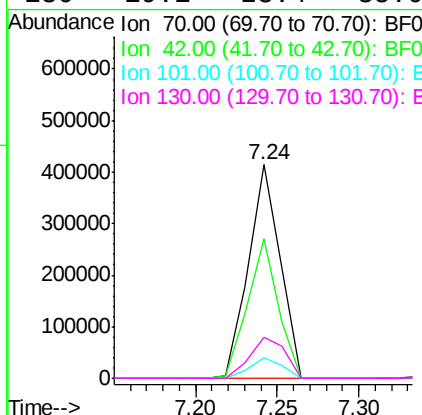
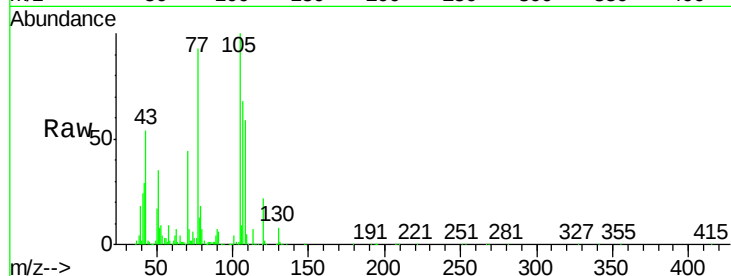




#19
n-Nitroso-di-n-propylamine
Concen: 36.70 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF084492.D
Acq: 15 Jan 2016 15:49

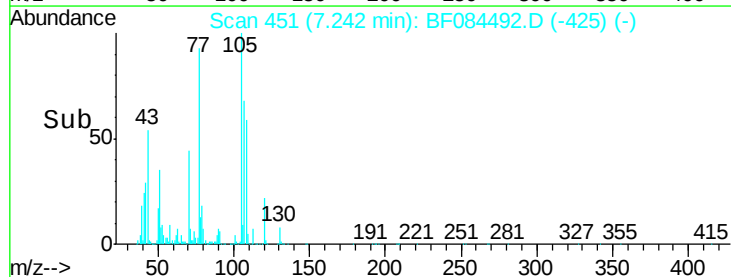
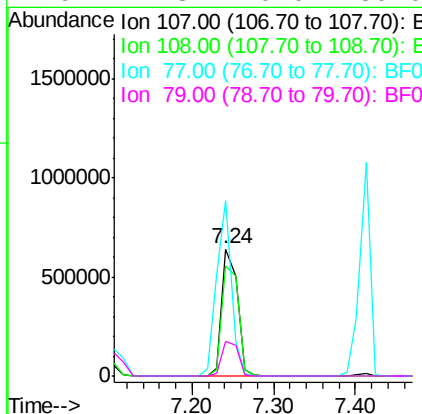
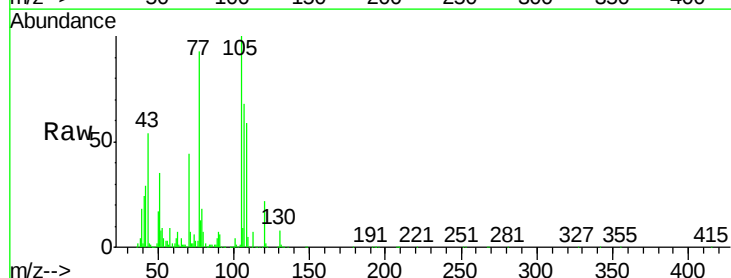
Instrument :
BNA_F
ClientSampleId :
PB87835BS

Tot Ion: 70 Resp: 555298
Ion Ratio Lower Upper
70 100
42 65.4 33.3 49.9#
101 9.9 9.3 13.9
130 19.1 23.4 35.0#



#20
3+4-Methylphenols
Concen: 42.36 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF084492.D
Acq: 15 Jan 2016 15:49

Tgt Ion:107 Resp: 842531
Ion Ratio Lower Upper
107 100
108 86.7 74.6 114.6
77 138.0 0.7 40.7#
79 27.3 0.0 39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Instrument :

BNA_F

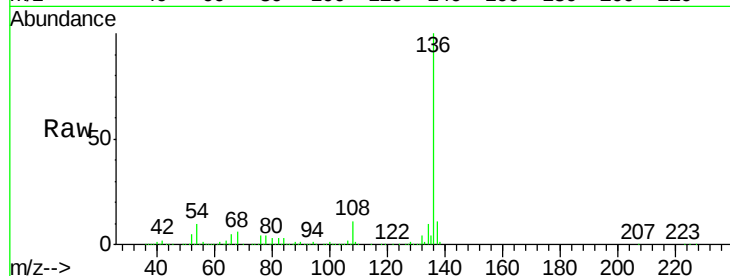
ClientSampleId :

PB87835BS

Tot Ion:136 Resp: 1174135

Ion Ratio Lower Upper

136	100		
137	11.4	8.7	13.1
54	9.5	5.8	8.8#
68	5.7	4.2	6.2

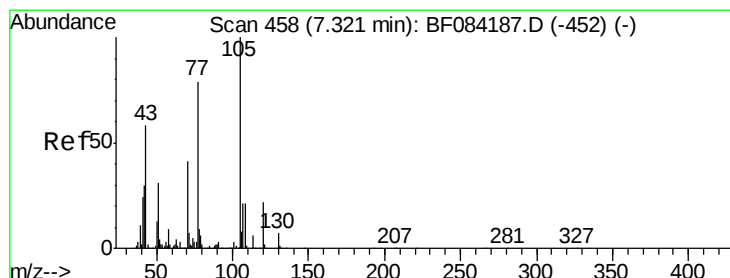
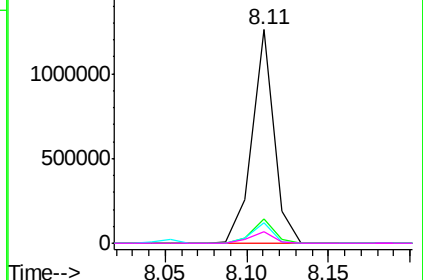
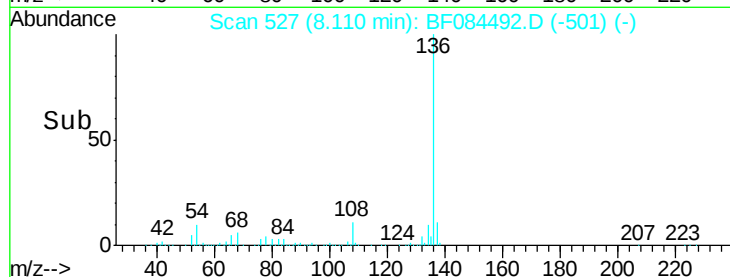


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.77 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.00 min

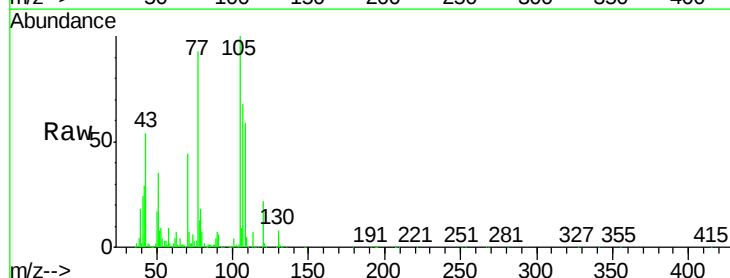
Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Tgt Ion:105 Resp: 1151137

Ion Ratio Lower Upper

105	100		
71	7.3	3.7	5.5#
51	34.9	25.1	37.7
120	21.7	16.6	25.0

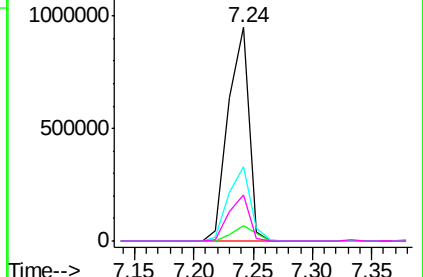
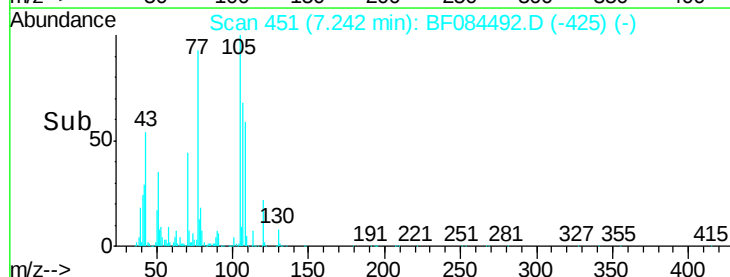


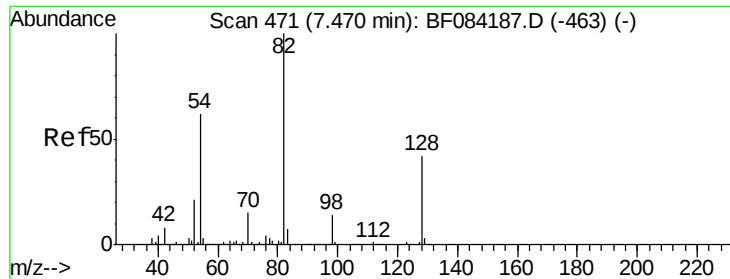
Abundance Ion 105.00 (104.70 to 105.70): E

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

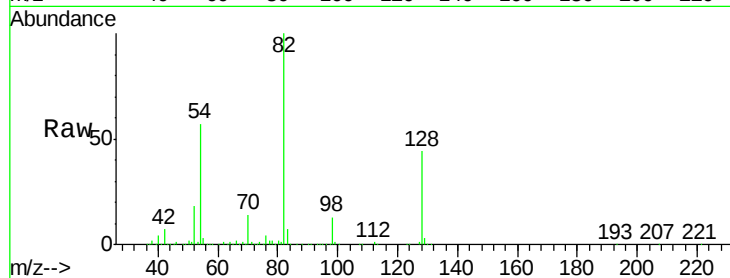




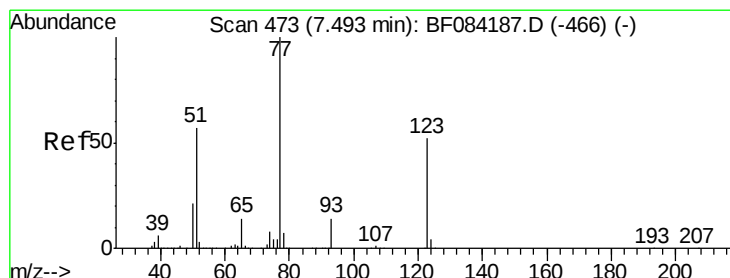
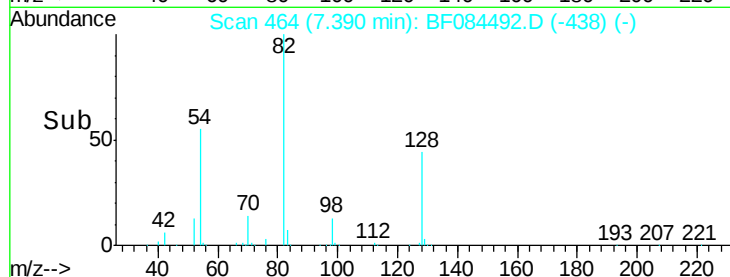
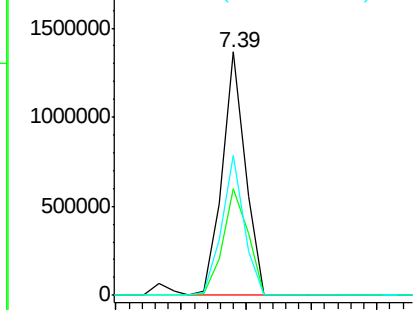
#23
Nitrobenzene-d5
Concen: 80.07 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF084492.D
Acq: 15 Jan 2016 15:49

Instrument :
BNA_F
ClientSampleId :
PB87835BS

Tot Ion: 82 Resp: 1689250
Ion Ratio Lower Upper
82 100
128 43.9 34.6 51.8
54 57.3 38.4 57.6

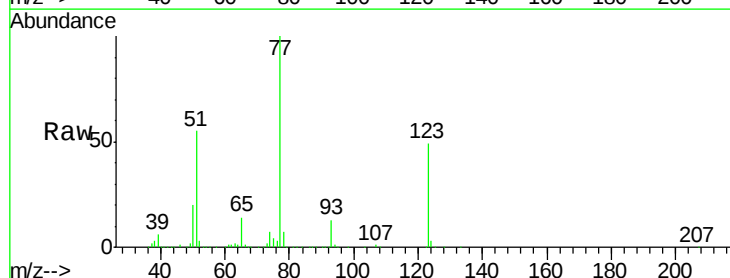


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

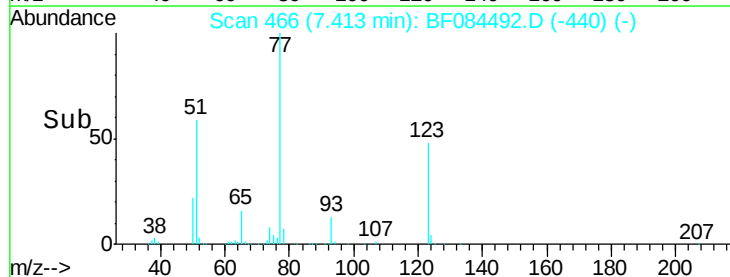
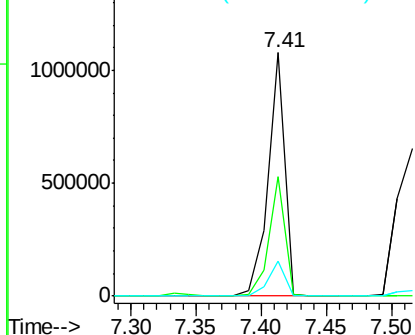


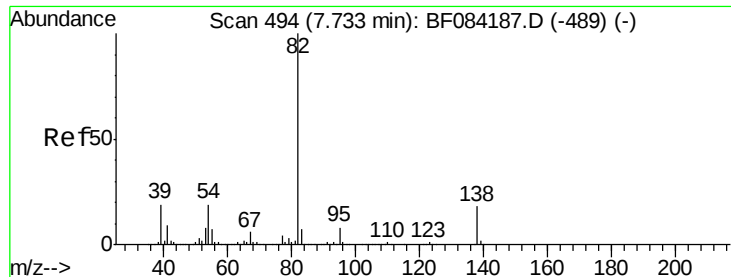
#24
Nitrobenzene
Concen: 44.96 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.00 min
Lab File: BF084492.D
Acq: 15 Jan 2016 15:49

Tgt Ion: 77 Resp: 962040
Ion Ratio Lower Upper
77 100
123 49.0 37.4 56.2
65 14.3 10.9 16.3



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





#25

Isophorone

Concen: 40.81 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Instrument :

BNA_F

ClientSampleId :

PB87835BS

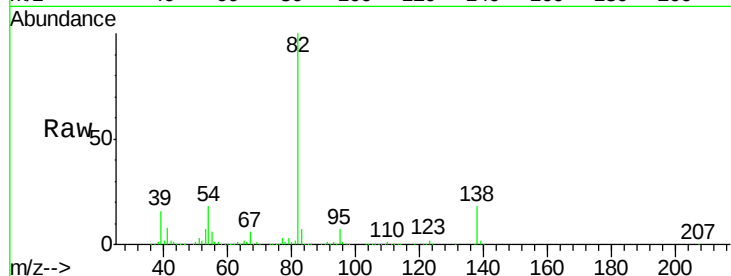
Tot Ion: 82 Resp: 1646500

Ion Ratio Lower Upper

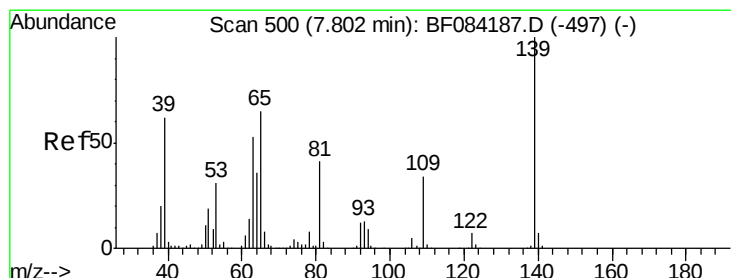
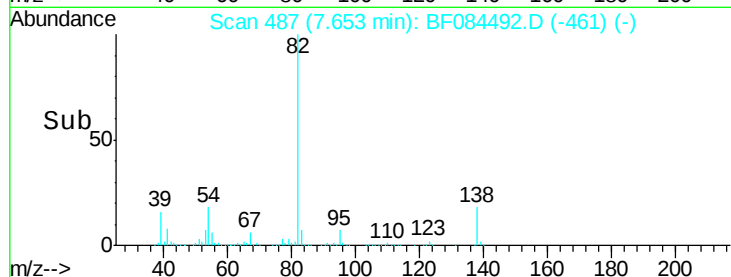
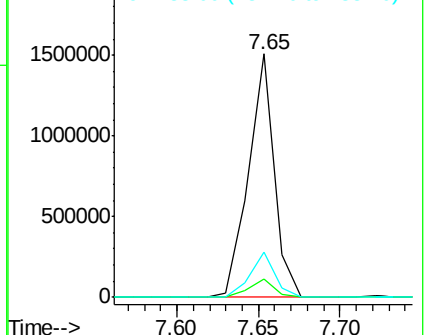
82 100

95 7.3 6.6 10.0

138 18.4 13.6 20.4



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



#26

2-Nitrophenol

Concen: 49.62 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

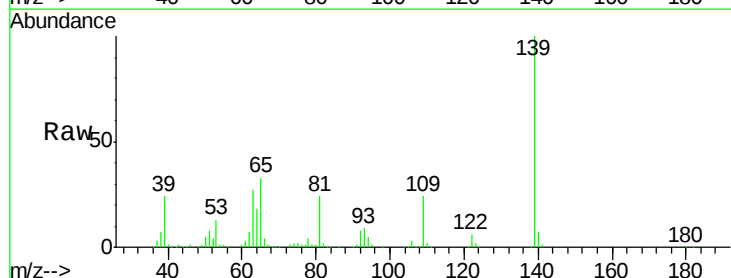
Tgt Ion: 139 Resp: 483213

Ion Ratio Lower Upper

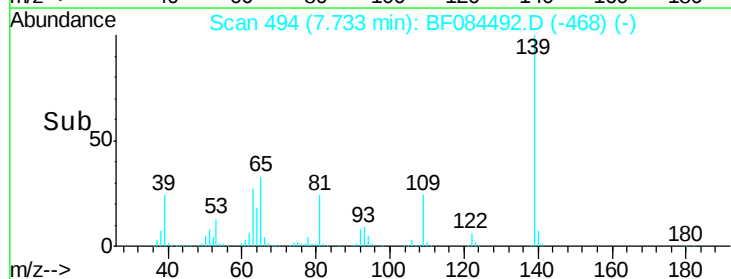
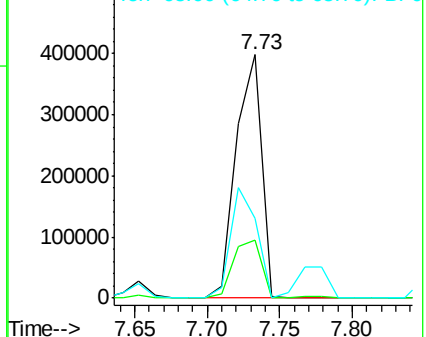
139 100

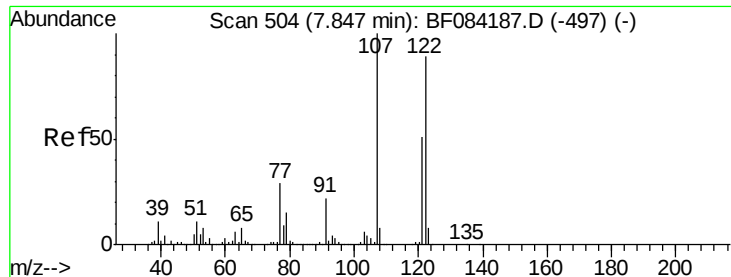
109 23.6 25.4 38.2#

65 32.8 32.3 48.5



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





#27

2,4-Dimethylphenol

Concen: 43.34 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Instrument :

BNA_F

ClientSampleId :

PB87835BS

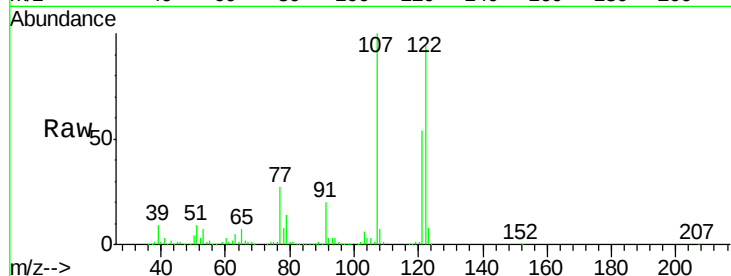
Tot Ion:122 Resp: 854238

Ion Ratio Lower Upper

122 100

107 106.2 99.1 148.7

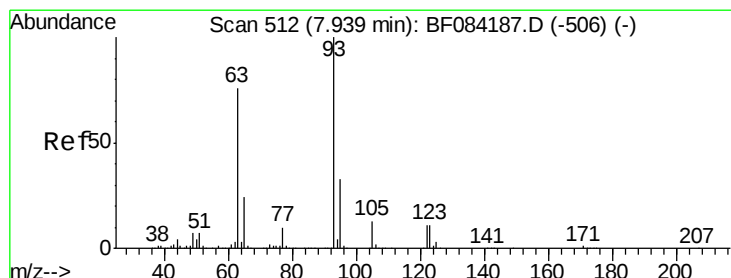
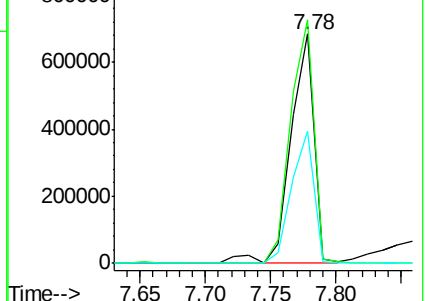
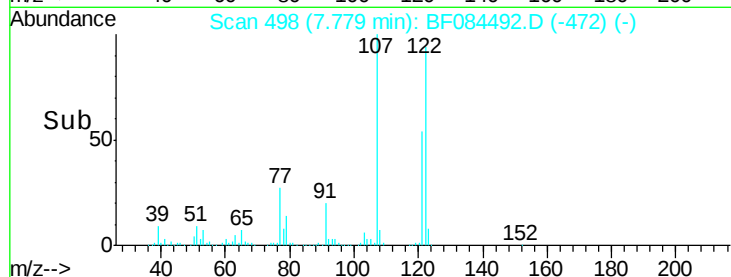
121 57.4 47.9 71.9



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: 43.24 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

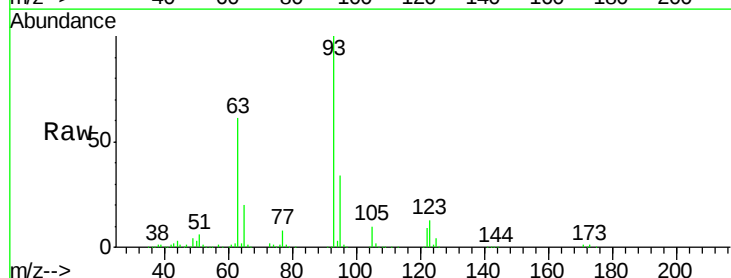
Tgt Ion: 93 Resp: 1065779

Ion Ratio Lower Upper

93 100

95 34.0 25.8 38.6

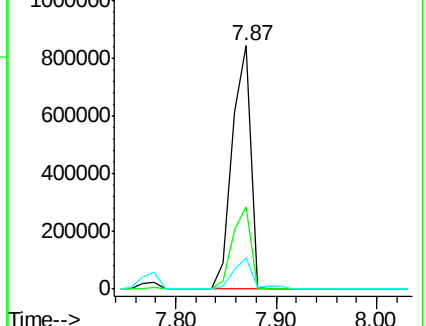
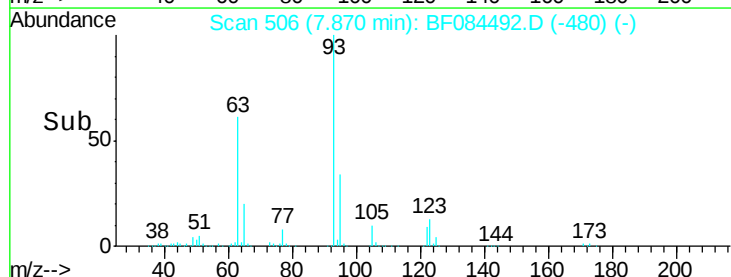
123 12.9 8.6 12.8#



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: 41.82 ng

RT: 7.97 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Instrument :

BNA_F

ClientSampleId :

PB87835BS

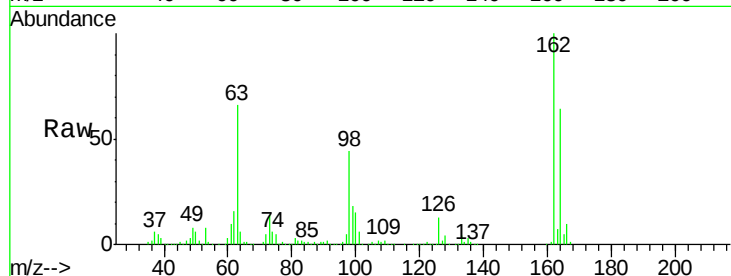
Tot Ion:162 Resp: 686654

Ion Ratio Lower Upper

162 100

164 63.9 44.1 84.1

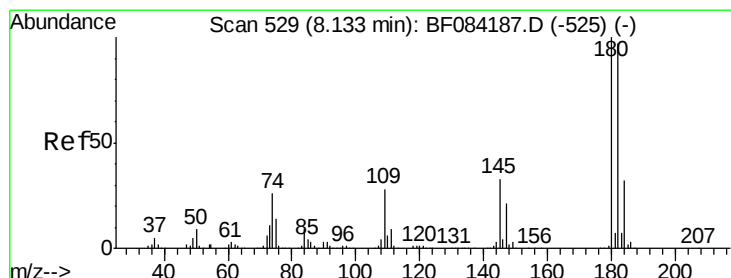
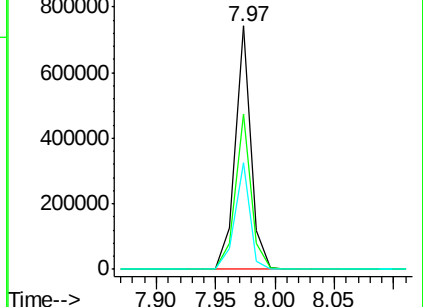
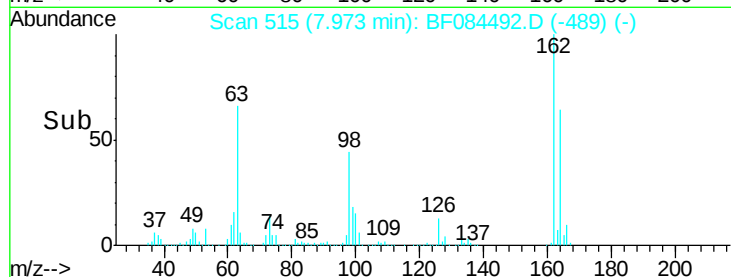
98 44.0 20.2 60.2



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: 43.76 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

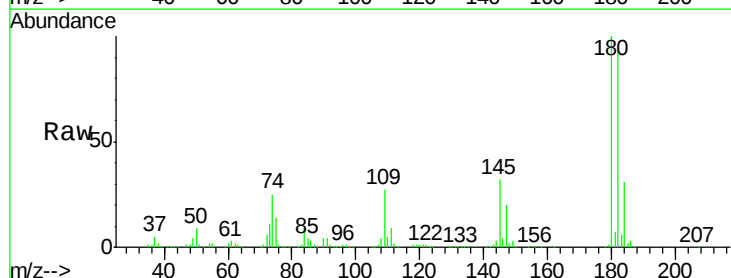
Tgt Ion:180 Resp: 741866

Ion Ratio Lower Upper

180 100

182 93.4 76.4 114.6

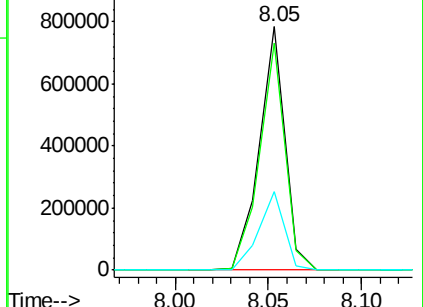
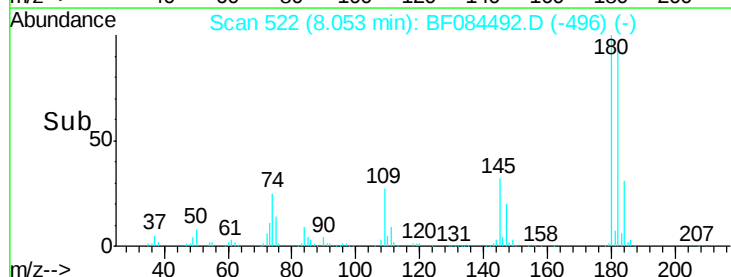
145 32.1 31.6 47.4

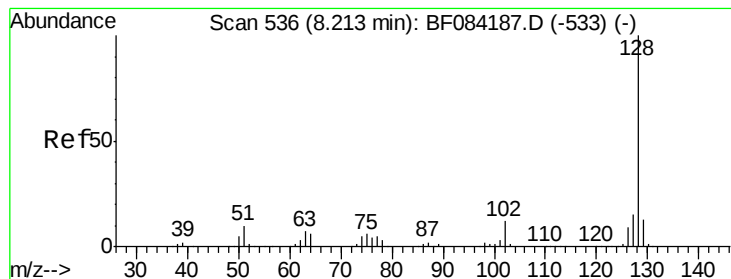


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.32 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Instrument :

BNA_F

ClientSampleId :

PB87835BS

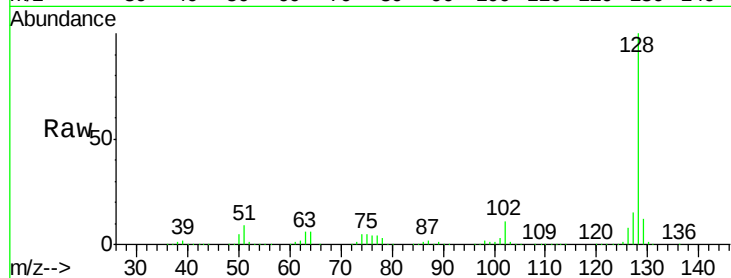
Tot Ion:128 Resp: 2254669

Ion Ratio Lower Upper

128 100

129 12.5 9.1 13.7

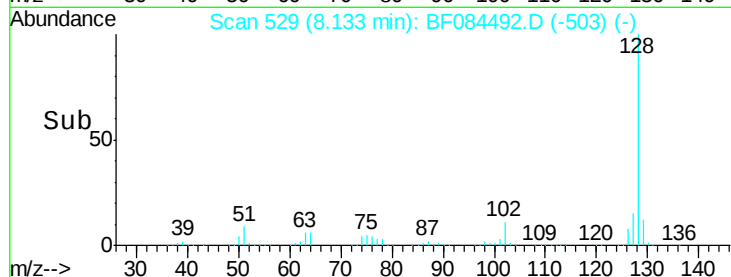
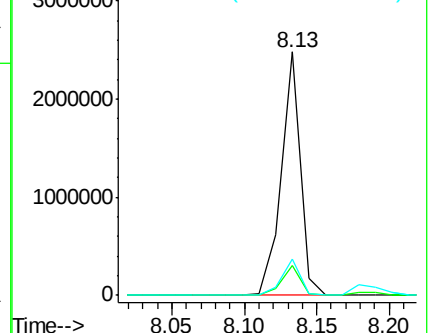
127 14.7 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.43 ng

RT: 7.90 min Scan# 509

Delta R.T. 0.01 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

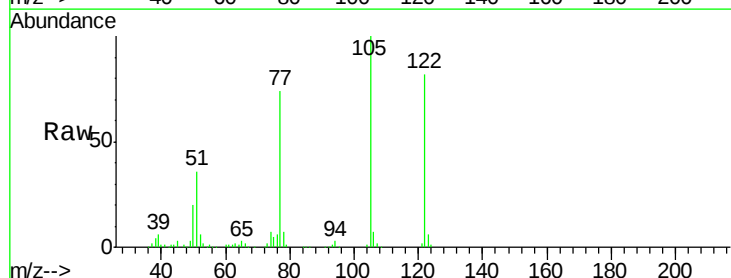
Tgt Ion:122 Resp: 483753

Ion Ratio Lower Upper

122 100

105 122.2 100.3 140.3

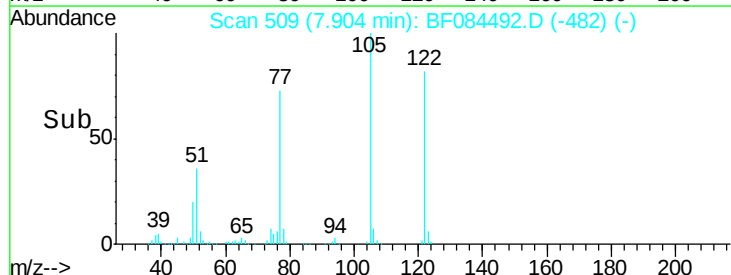
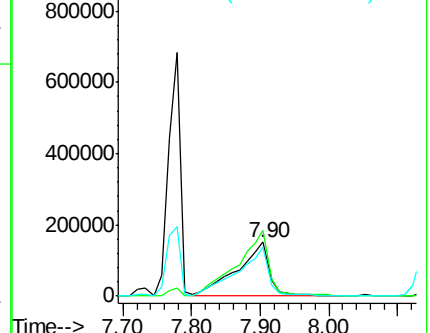
77 91.0 63.5 103.5

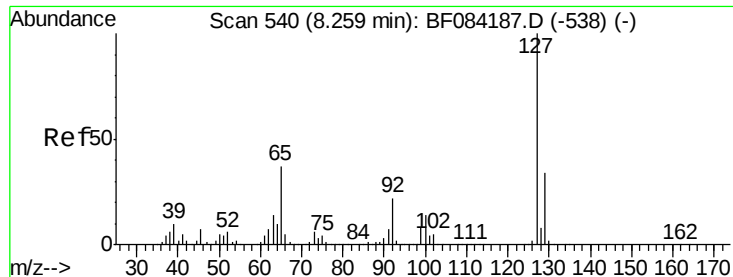


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

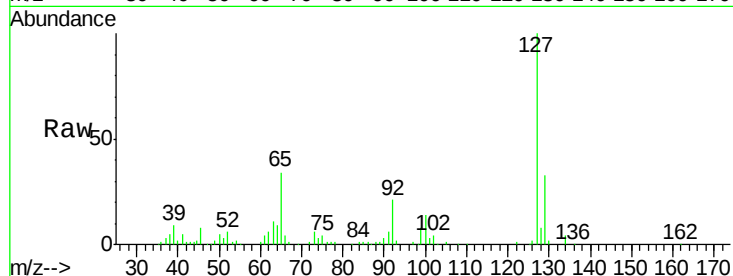




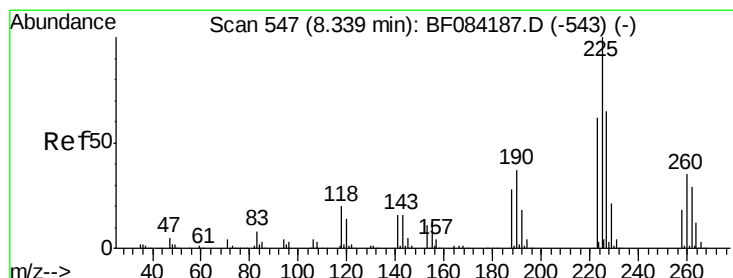
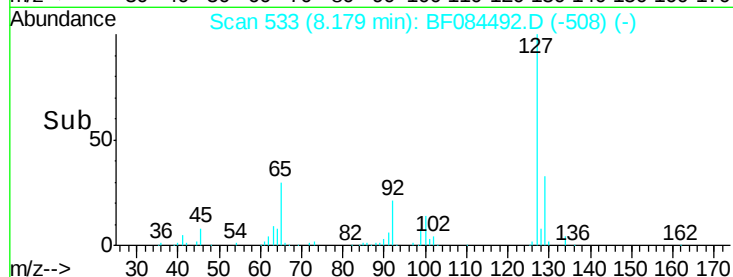
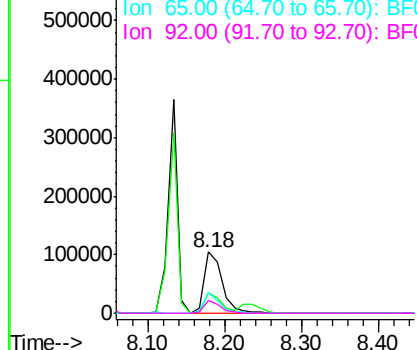
#33
4-Chloroaniline
Concen: 7.05 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF084492.D
Acq: 15 Jan 2016 15:49

Instrument :
BNA_F
ClientSampleId :
PB87835BS

Tot Ion:	127	Resp:	172274
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.5	39.7
65	34.2	27.2	40.8
92	21.2	17.7	26.5

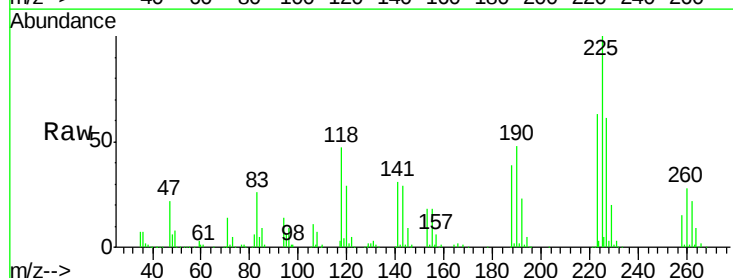


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

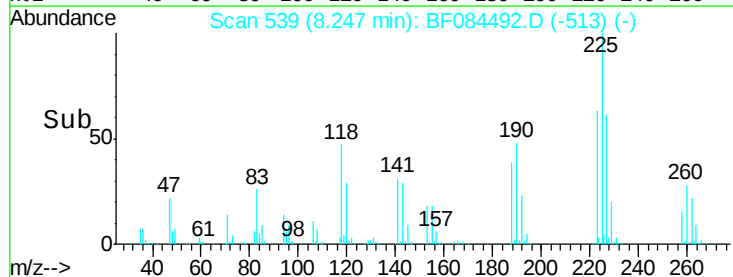
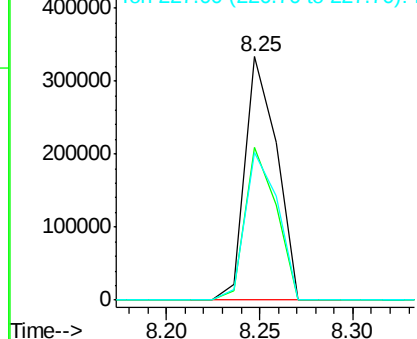


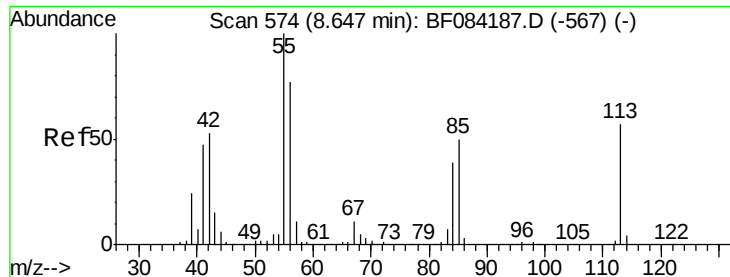
#34
Hexachlorobutadiene
Concen: 40.19 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF084492.D
Acq: 15 Jan 2016 15:49

Tgt Ion:	225	Resp:	391659
Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.4	74.0
227	60.9	50.8	76.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

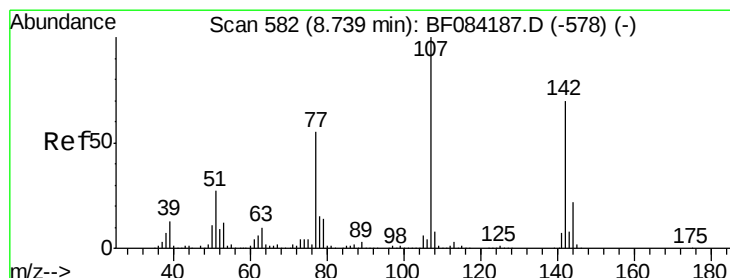
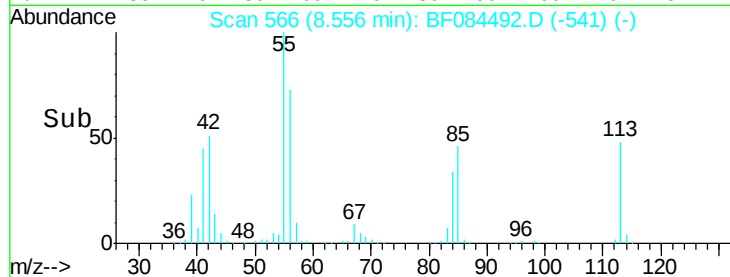
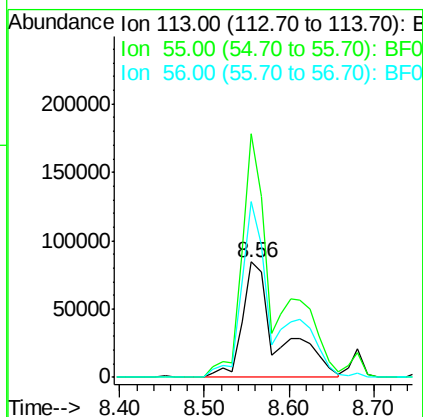
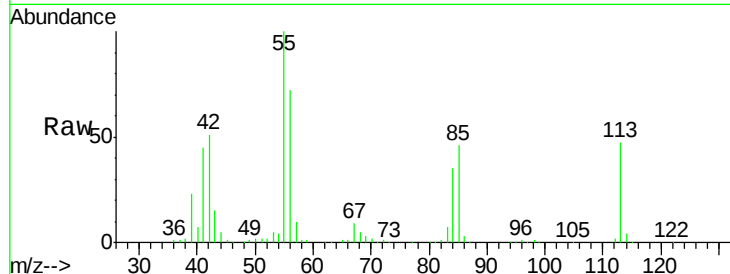




#35
 Caprolactam
 Concen: 44.67 ng/ml
 RT: 8.56 min Scan# 566
 Delta R.T. -0.01 min
 Lab File: BF084492.D
 Acq: 15 Jan 2016 15:49

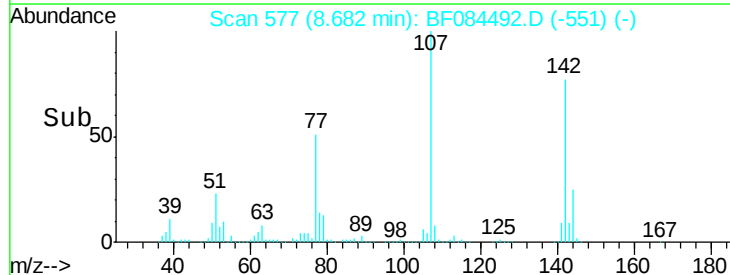
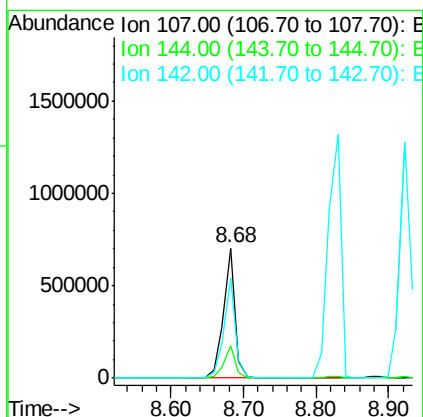
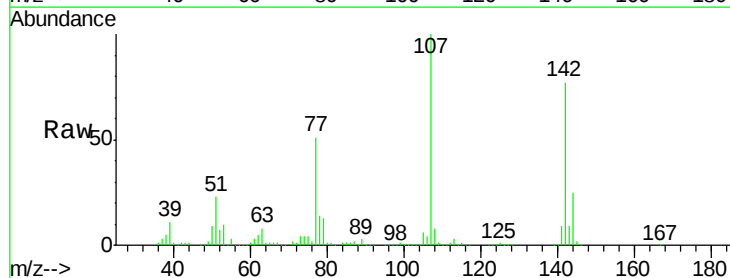
Instrument :
 BNA_F
 ClientSampleId :
 PB87835BS

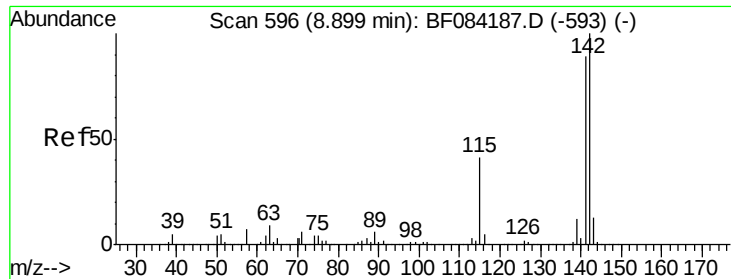
Tot Ion:113 Resp: 247279
 Ion Ratio Lower Upper
 113 100
 55 211.5 116.9 156.9#
 56 153.1 93.8 133.8#



#36
 4-Chloro-3-methylphenol
 Concen: 42.34 ng/ml
 RT: 8.68 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: BF084492.D
 Acq: 15 Jan 2016 15:49

Tgt Ion:107 Resp: 778797
 Ion Ratio Lower Upper
 107 100
 144 24.8 19.7 29.5
 142 76.8 61.8 92.6

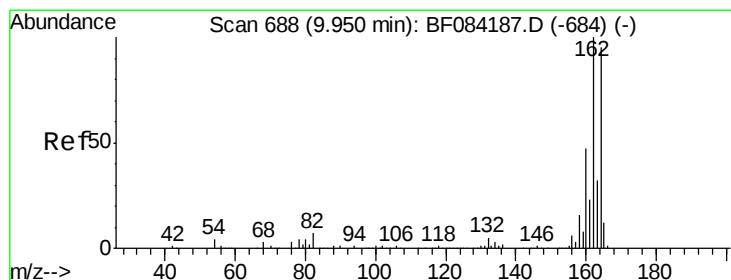
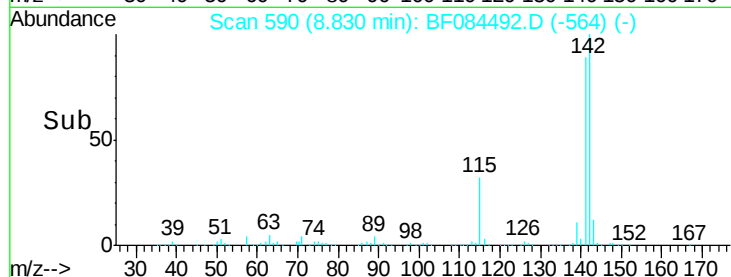
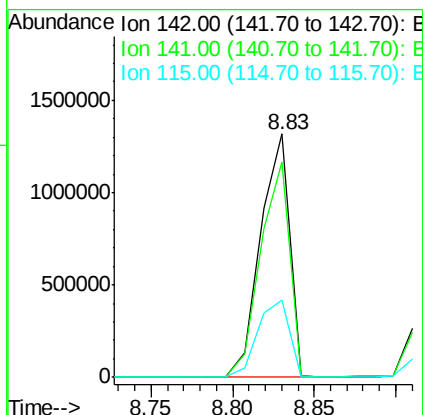
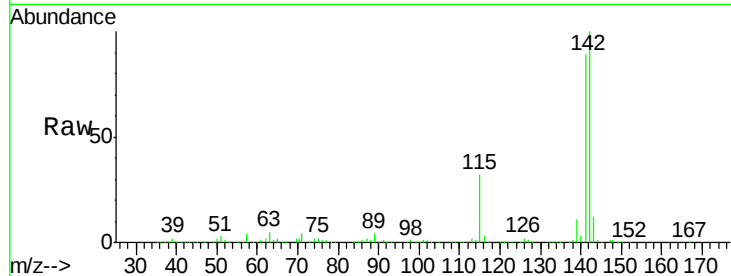




#37
2-Methylnaphthalene
Concen: 42.73 ng
RT: 8.83 min Scan# 590
Delta R.T. -0.00 min
Lab File: BF084492.D
Acq: 15 Jan 2016 15:49

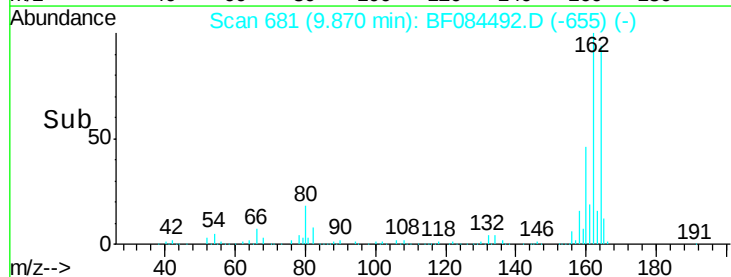
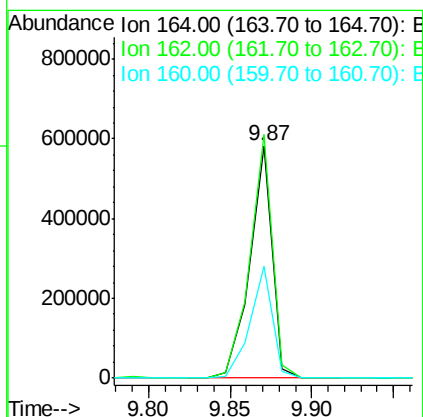
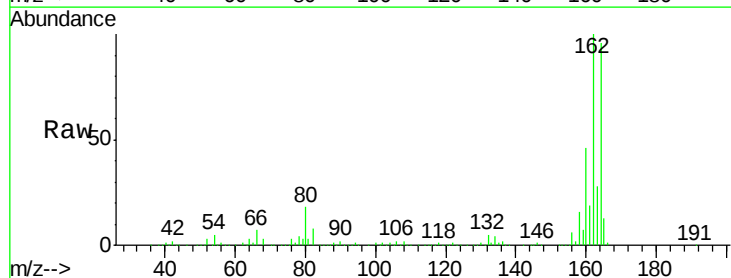
Instrument :
BNA_F
ClientSampleId :
PB87835BS

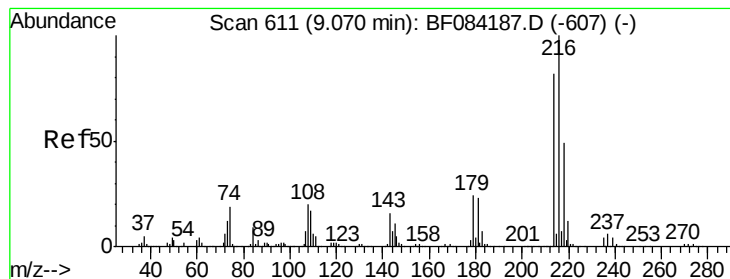
Tot Ion:142 Resp: 1633921
Ion Ratio Lower Upper
142 100
141 88.5 72.4 108.6
115 32.0 27.9 41.9



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF084492.D
Acq: 15 Jan 2016 15:49

Tgt Ion:164 Resp: 551400
Ion Ratio Lower Upper
164 100
162 104.7 85.1 127.7
160 48.1 37.5 56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.66 ng

RT: 8.99 min Scan# 604

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Instrument :

BNA_F

ClientSampleId :

PB87835BS

Tot Ion:216 Resp: 612799

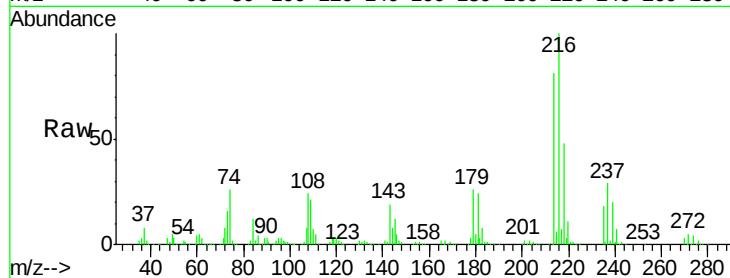
Ion Ratio Lower Upper

216 100

214 79.7 64.2 96.2

179 23.3 18.7 28.1

108 23.7 16.8 25.2

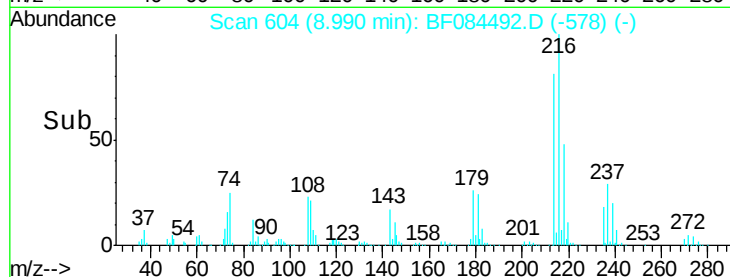


Abundance Ion 216.00 (215.70 to 216.70): E

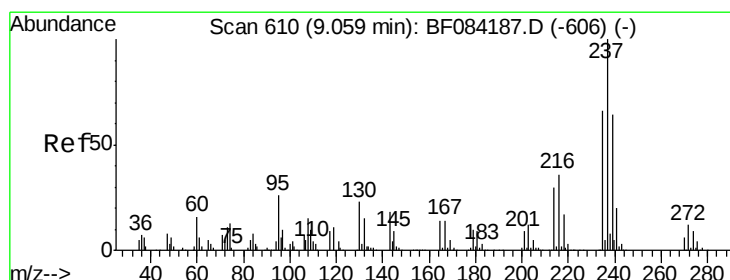
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time--> 8.90 8.95 9.00 9.05



#40

Hexachlorocyclopentadiene

Concen: 63.25 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

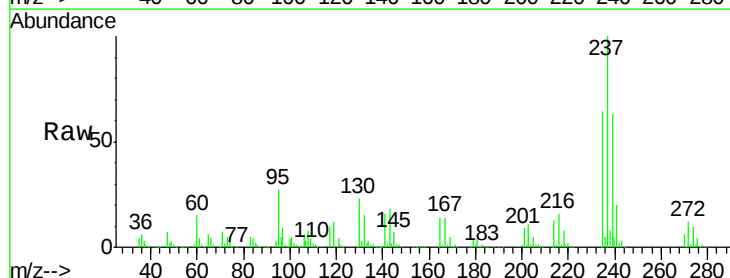
Tgt Ion:237 Resp: 605268

Ion Ratio Lower Upper

237 100

235 64.4 43.1 83.1

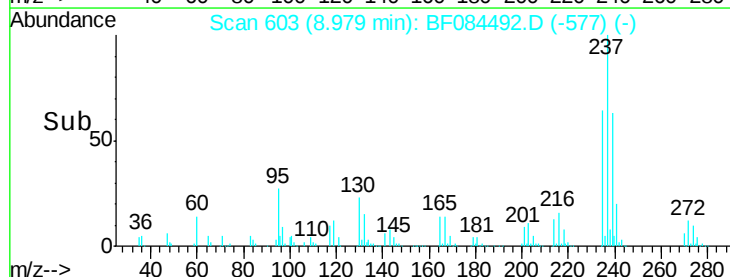
272 12.3 0.0 35.1



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



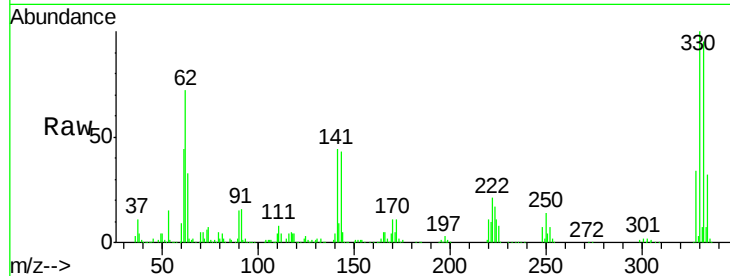
Time--> 8.90 8.95 9.00



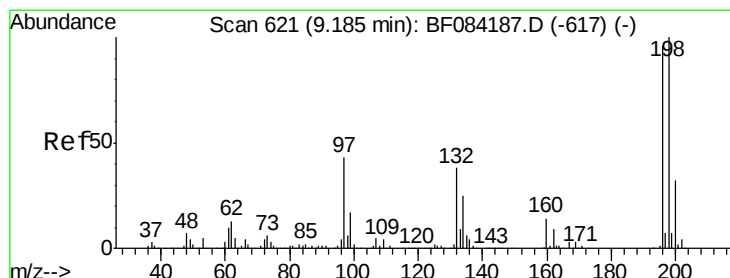
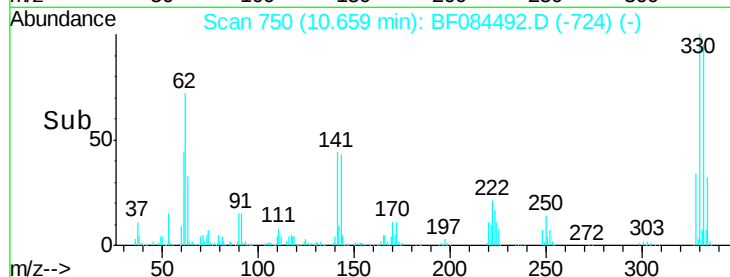
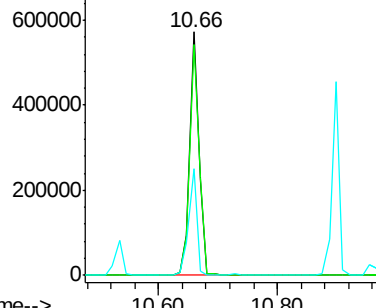
#41
 2,4,6-Tribromophenol
 Concen: 113.04 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF084492.D
 Acq: 15 Jan 2016 15:49

Instrument :
 BNA_F
 ClientSampleId :
 PB87835BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	114.8
141	38.1	27.8	41.6

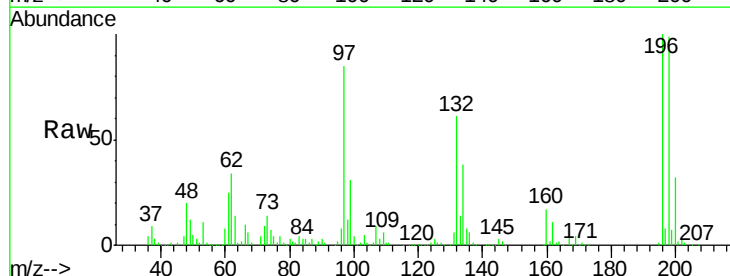


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

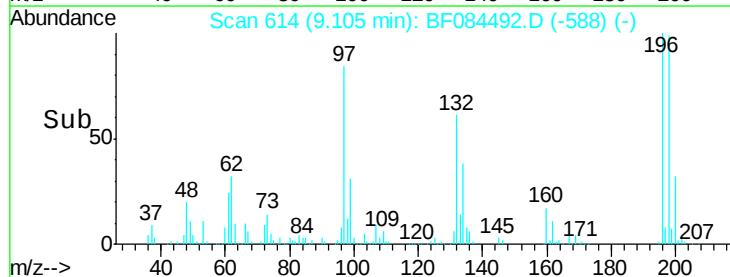
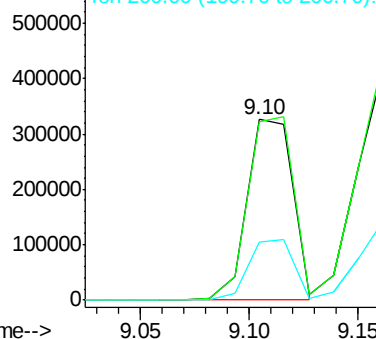


#42
 2,4,6-Trichlorophenol
 Concen: 40.38 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF084492.D
 Acq: 15 Jan 2016 15:49

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.9	77.7	116.5
200	32.0	24.6	37.0



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

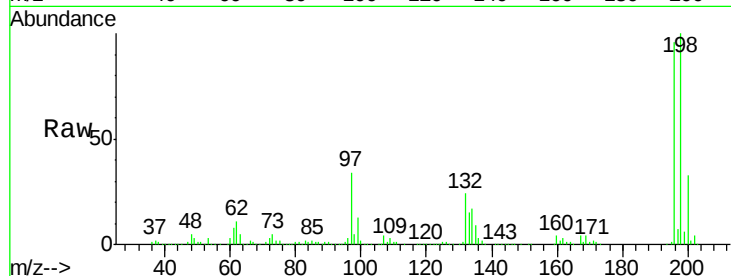




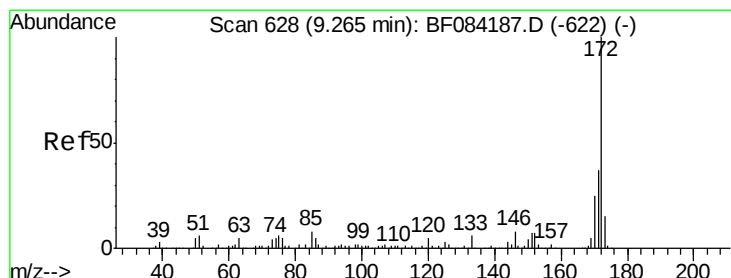
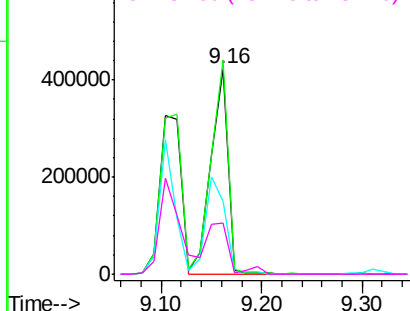
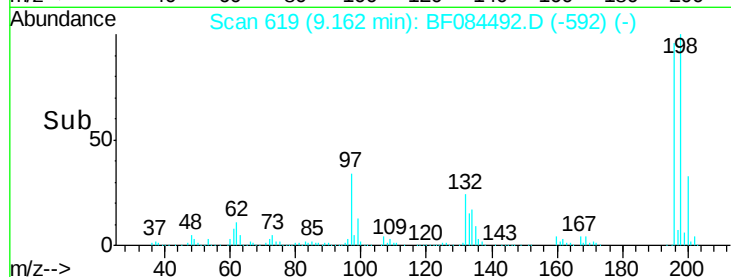
#43
 2,4,5-Trichlorophenol
 Concen: 44.05 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.01 min
 Lab File: BF084492.D
 Acq: 15 Jan 2016 15:49

Instrument :
 BNA_F
 ClientSampleId :
 PB87835BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	104.2	79.0	118.6
97	35.7	33.0	49.6
132	24.8	21.1	31.7

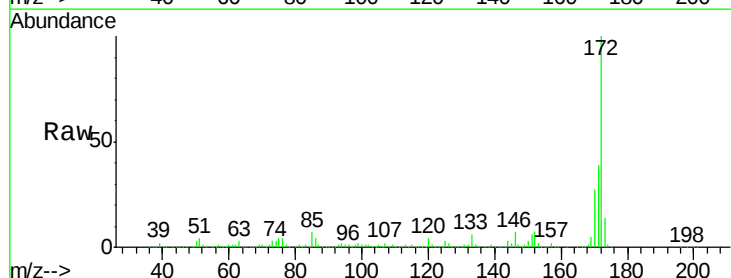


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

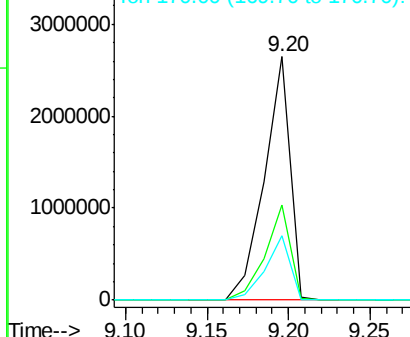
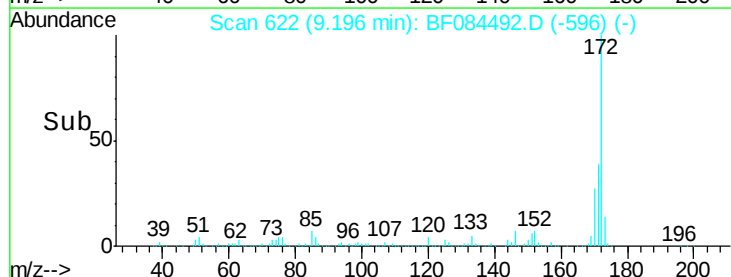


#44
 2-Fluorobiphenyl
 Concen: 93.64 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF084492.D
 Acq: 15 Jan 2016 15:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.9	28.9	43.3
170	26.5	18.6	27.8



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: 41.55 ng

RT: 9.29 min Scan# 630

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Instrument :

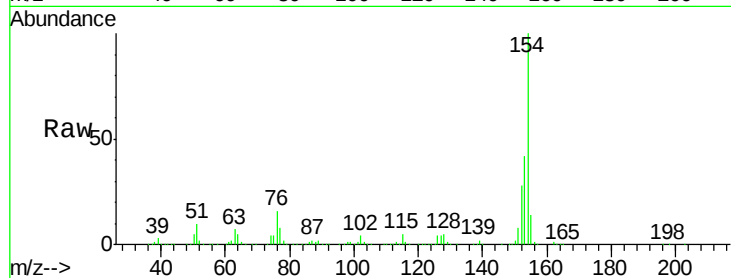
BNA_F

ClientSampleId :

PB87835BS

Tot Ion:154 Resp: 1820952

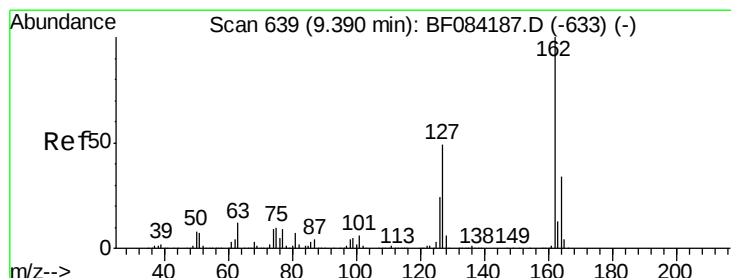
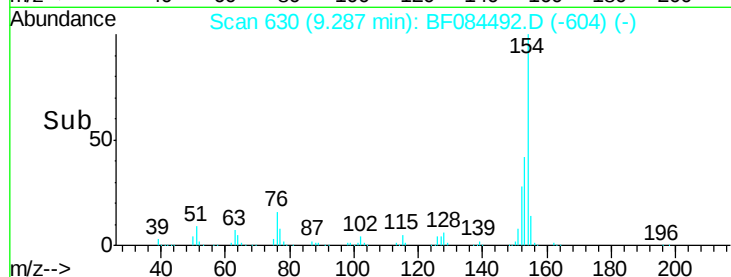
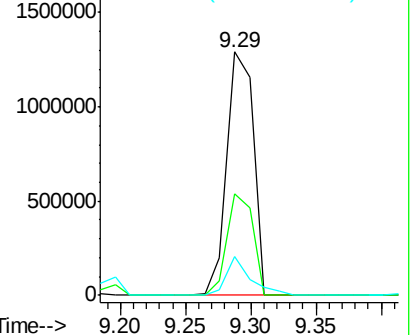
Ion	Ratio	Lower	Upper
154	100		
153	41.7	21.6	61.6
76	15.7	0.0	32.7



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): E



#46

2-Chloronaphthalene

Concen: 41.62 ng

RT: 9.31 min Scan# 632

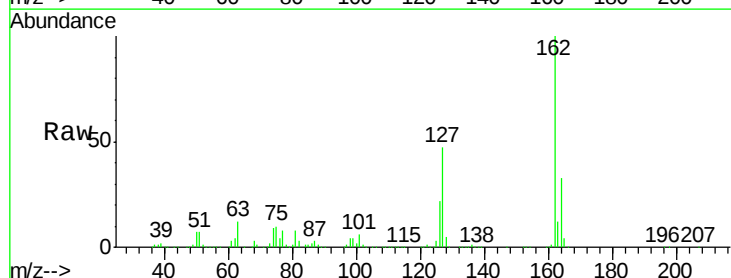
Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Tgt Ion:162 Resp: 1432690

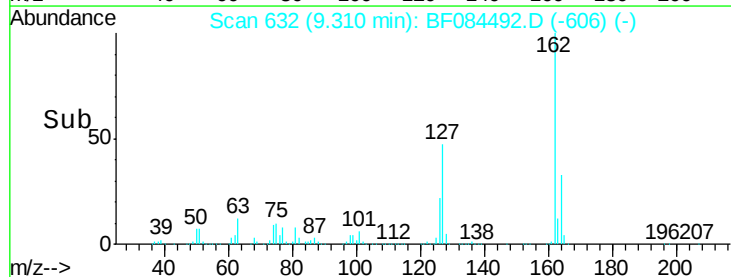
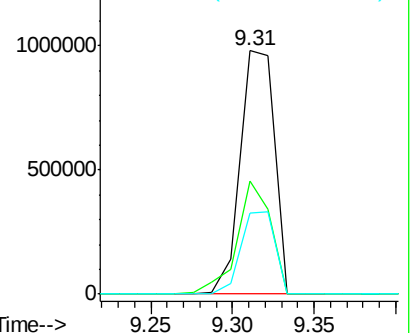
Ion	Ratio	Lower	Upper
162	100		
127	46.6	40.2	60.4
164	33.1	25.7	38.5

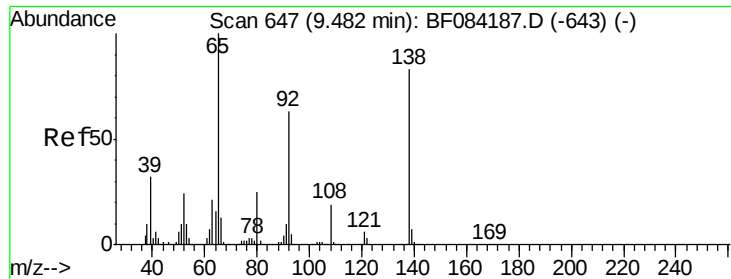


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

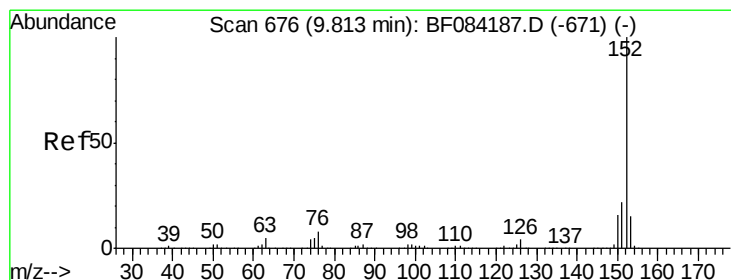
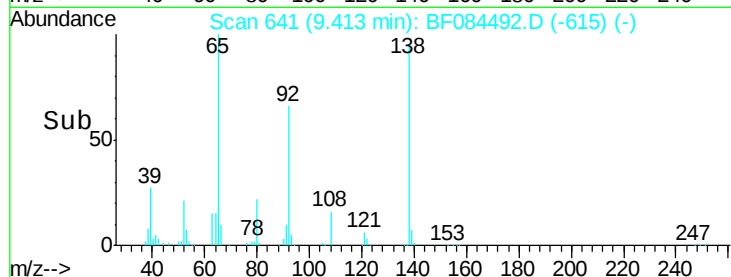
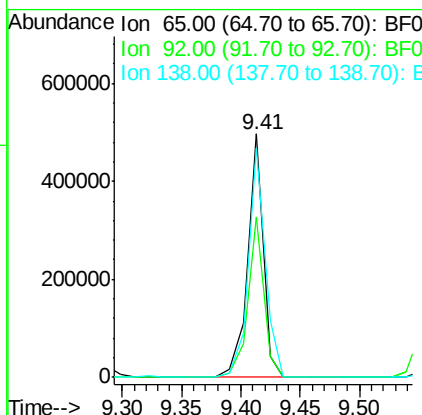
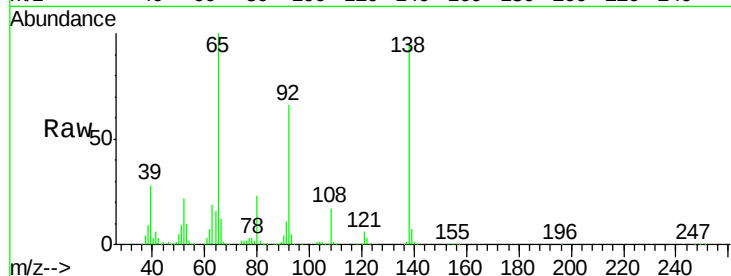




#47
2-Nitroaniline
Concen: 40.51 ng
RT: 9.41 min Scan# 641
Delta R.T. -0.00 min
Lab File: BF084492.D
Acq: 15 Jan 2016 15:49

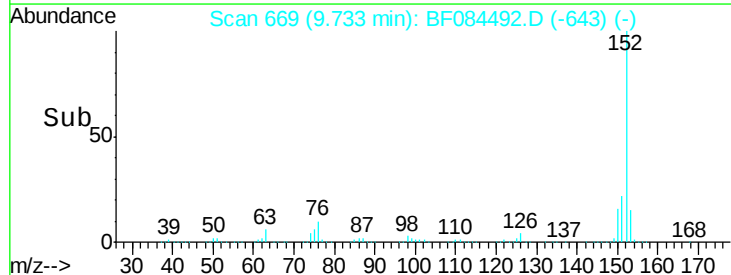
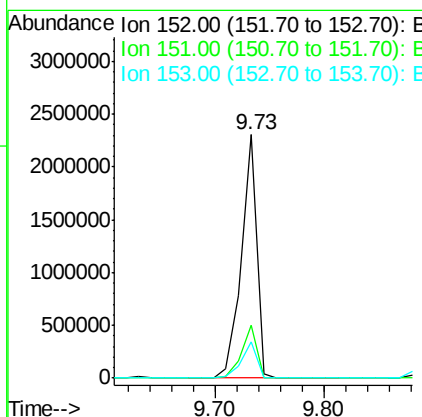
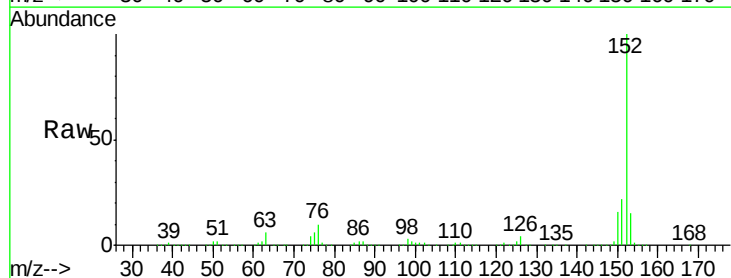
Instrument :
BNA_F
ClientSampleId :
PB87835BS

Tot Ion: 65 Resp: 460268
Ion Ratio Lower Upper
65 100
92 65.7 53.4 80.2
138 94.5 71.1 106.7



#48
Acenaphthylene
Concen: 43.50 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF084492.D
Acq: 15 Jan 2016 15:49

Tgt Ion: 152 Resp: 2212251
Ion Ratio Lower Upper
152 100
151 21.7 16.3 24.5
153 15.1 10.4 15.6





#49

Dimethylphthalate

Concen: 40.66 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Instrument :

BNA_F

ClientSampleId :

PB87835BS

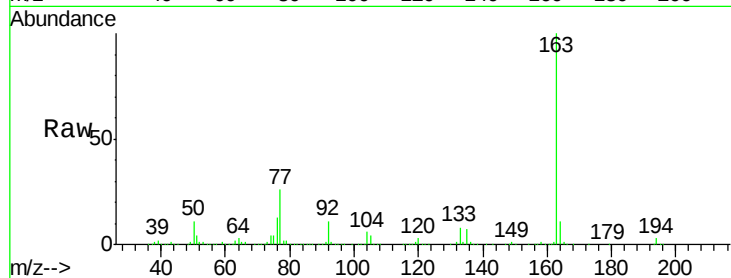
Tot Ion:163 Resp: 1602698

Ion Ratio Lower Upper

163 100

194 3.2 8.0 12.0#

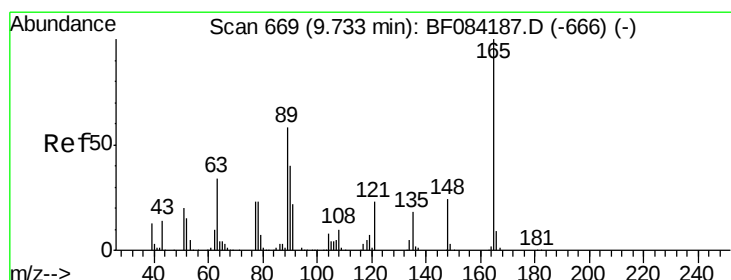
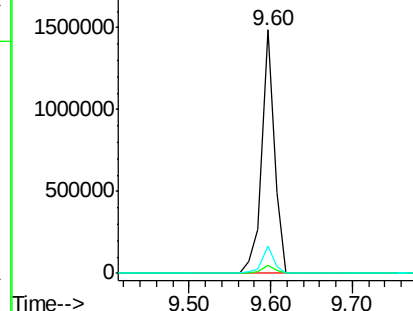
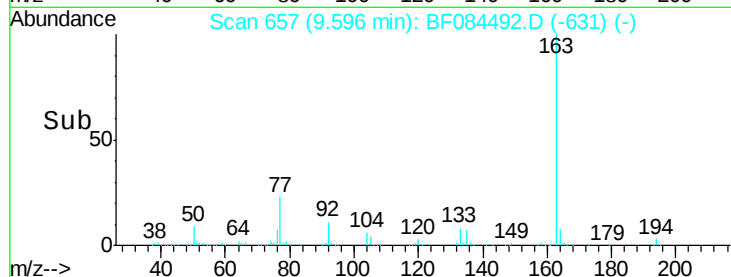
164 11.3 8.0 12.0



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: 44.97 ng

RT: 9.66 min Scan# 663

Delta R.T. 0.01 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

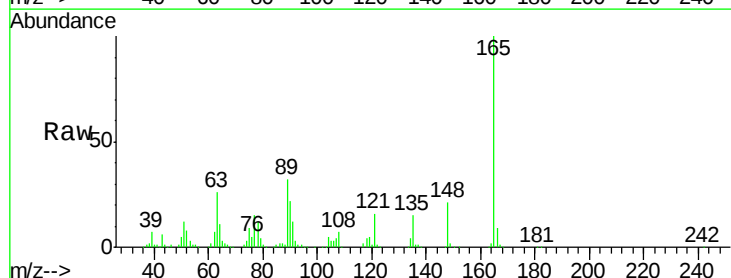
Tgt Ion:165 Resp: 388771

Ion Ratio Lower Upper

165 100

63 26.3 28.8 43.2#

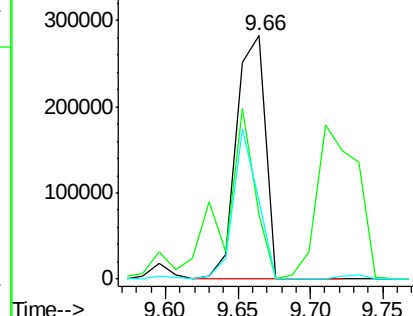
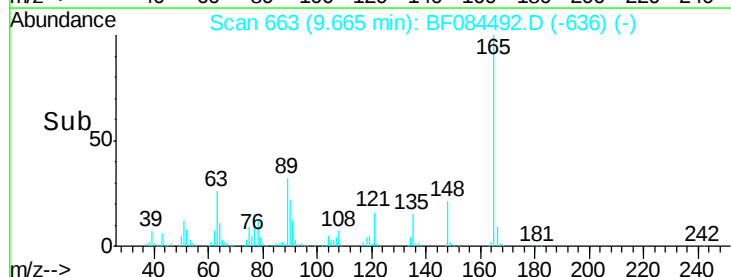
89 32.1 35.1 52.7#

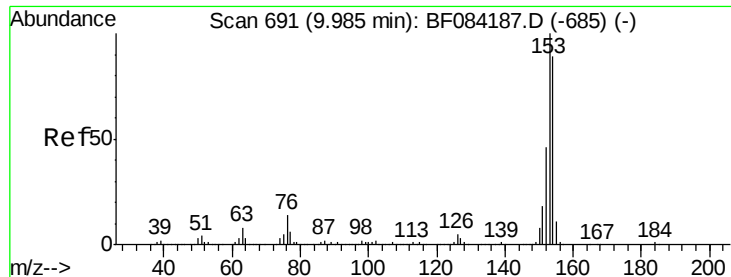


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 49.83 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Instrument :

BNA_F

ClientSampleId :

PB87835BS

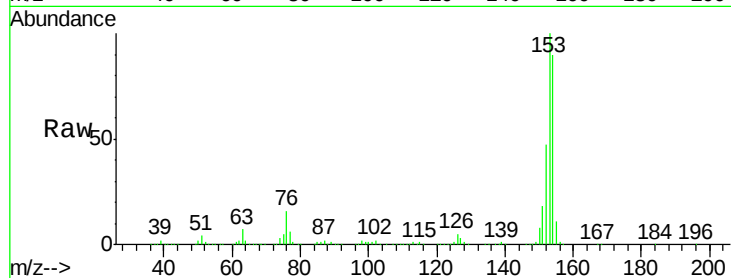
Tot Ion:154 Resp: 1699859

Ion Ratio Lower Upper

154 100

153 111.6 91.5 137.3

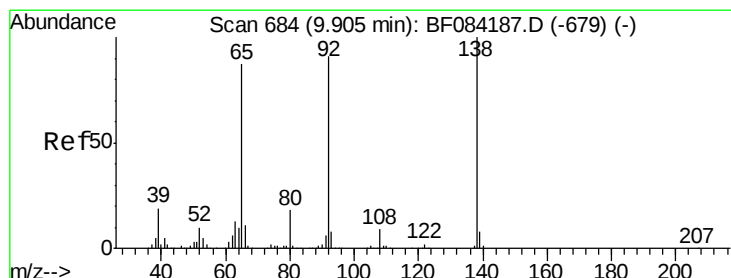
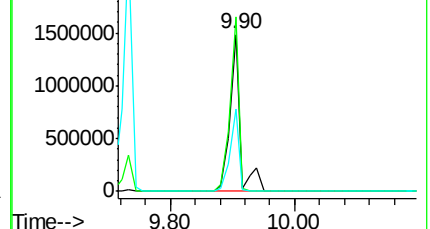
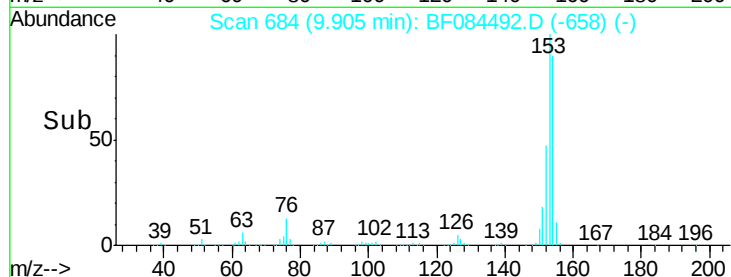
152 52.8 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 14.02 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

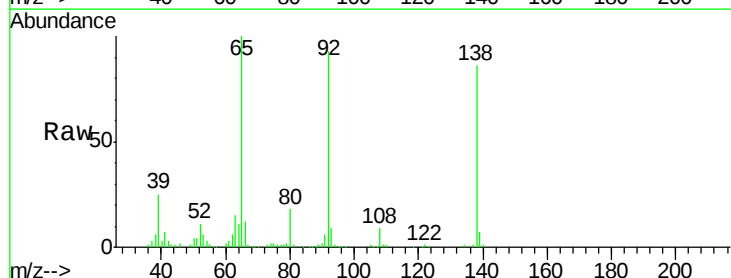
Tgt Ion:138 Resp: 150213

Ion Ratio Lower Upper

138 100

108 10.2 10.5 15.7#

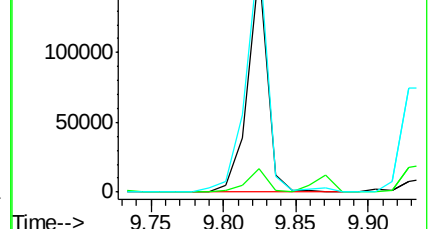
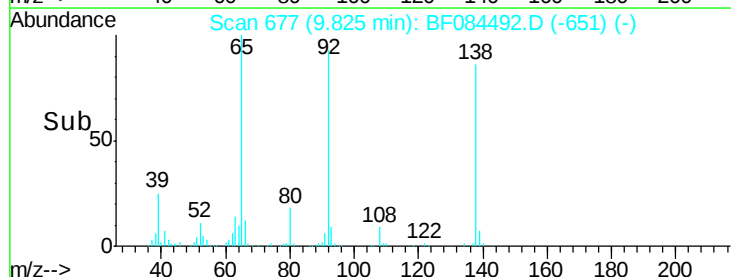
92 108.5 103.9 155.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

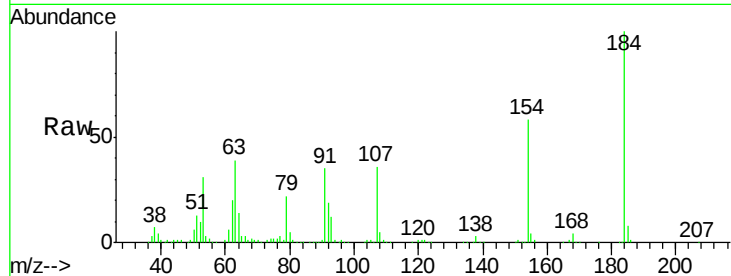




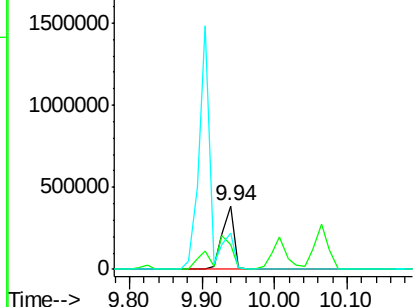
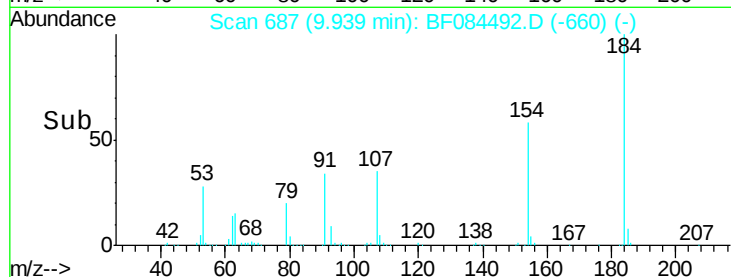
#53
2,4-Dinitrophenol
Concen: 120.63 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.01 min
Lab File: BF084492.D
Acq: 15 Jan 2016 15:49

Instrument :
BNA_F
ClientSampleId :
PB87835BS

Tot Ion:184 Resp: 451237
Ion Ratio Lower Upper
184 100
63 38.5 43.1 64.7#
154 58.1 60.5 90.7#

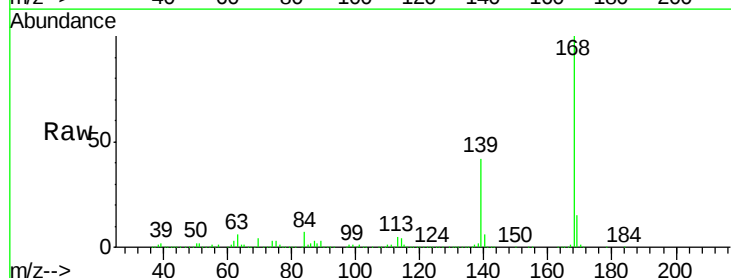


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

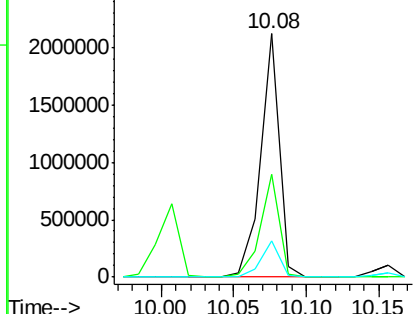
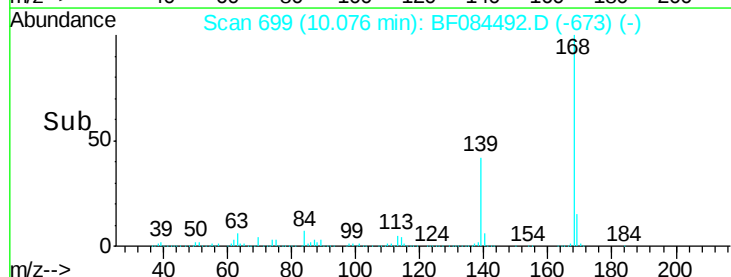


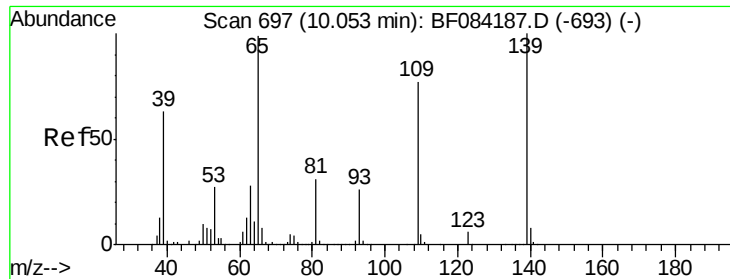
#54
Dibenzofuran
Concen: 42.70 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF084492.D
Acq: 15 Jan 2016 15:49

Tgt Ion:168 Resp: 1893394
Ion Ratio Lower Upper
168 100
139 42.4 30.5 45.7
169 14.7 10.4 15.6



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

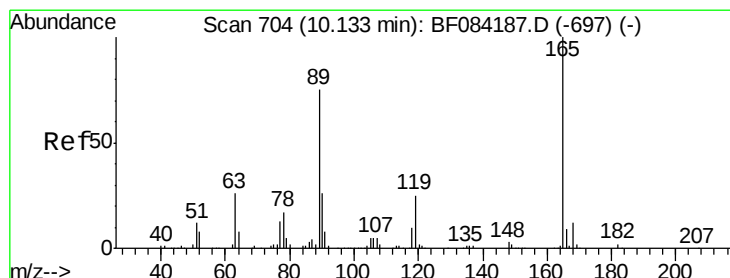
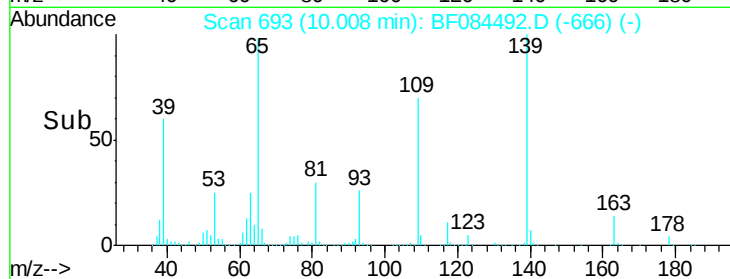
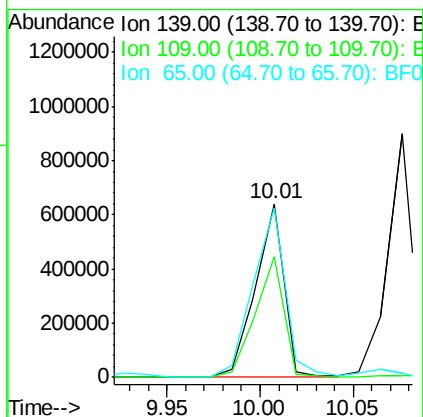
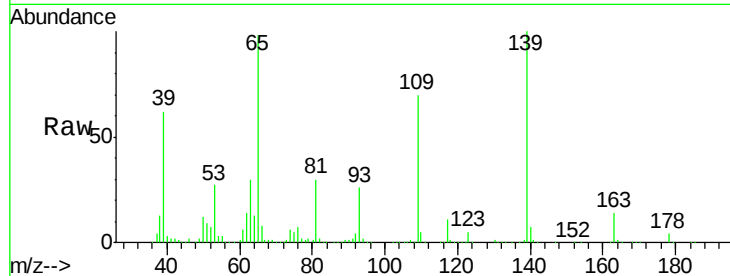




#55
 4-Nitrophenol
 Concen: 87.08 ng
 RT: 10.01 min Scan# 693
 Delta R.T. 0.01 min
 Lab File: BF084492.D
 Acq: 15 Jan 2016 15:49

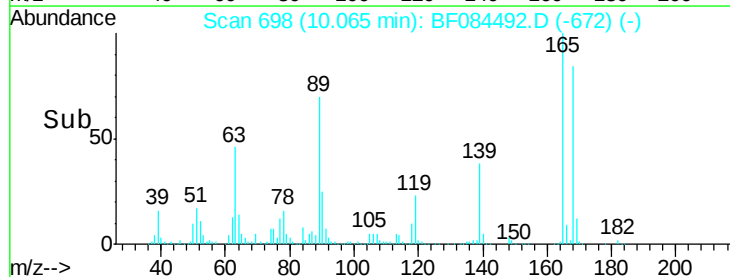
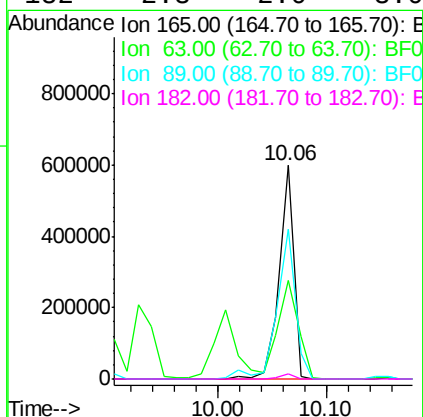
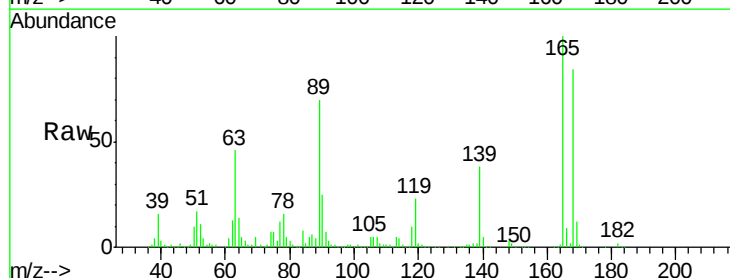
Instrument :
 BNA_F
 ClientSampleId :
 PB87835BS

Tot Ion:139 Resp: 677189
 Ion Ratio Lower Upper
 139 100
 109 70.0 58.5 98.5
 65 98.0 57.6 97.6#



#56
 2,4-Dinitrotoluene
 Concen: 50.62 ng
 RT: 10.06 min Scan# 698
 Delta R.T. -0.00 min
 Lab File: BF084492.D
 Acq: 15 Jan 2016 15:49

Tgt Ion:165 Resp: 553916
 Ion Ratio Lower Upper
 165 100
 63 45.9 36.7 55.1
 89 70.3 61.9 92.9
 182 2.3 2.0 3.0





#57

Fluorene

Concen: 44.86 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Instrument :

BNA_F

ClientSampleId :

PB87835BS

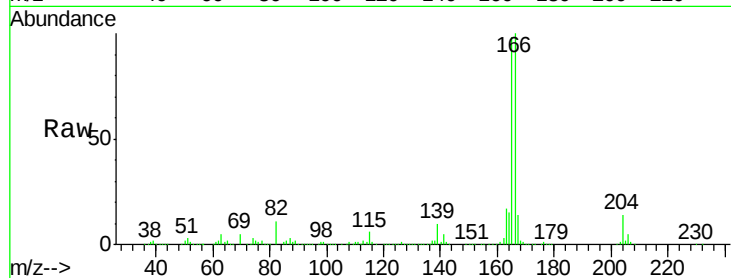
Tot Ion:166 Resp: 1532799

Ion Ratio Lower Upper

166 100

165 98.0 79.1 118.7

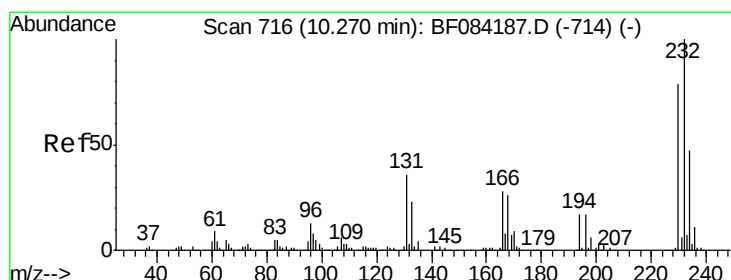
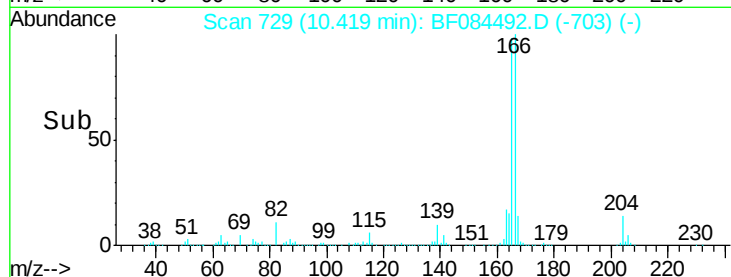
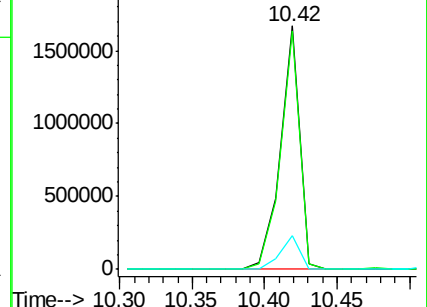
167 13.8 10.4 15.6



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: 42.07 ng

RT: 10.20 min Scan# 710

Delta R.T. 0.01 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Tgt Ion:232 Resp: 408325

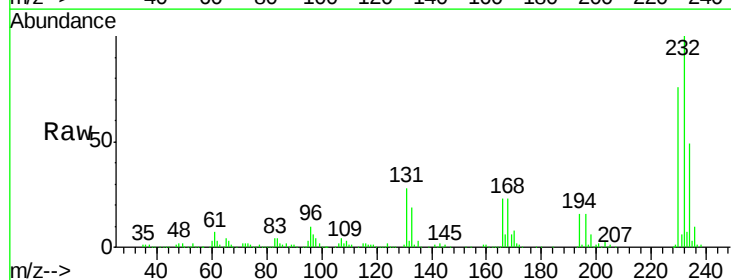
Ion Ratio Lower Upper

232 100

131 47.7 47.0 70.6

130 2.2 2.0 3.0

166 31.3 30.5 45.7

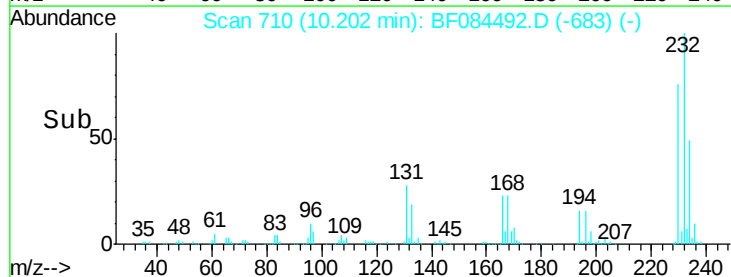
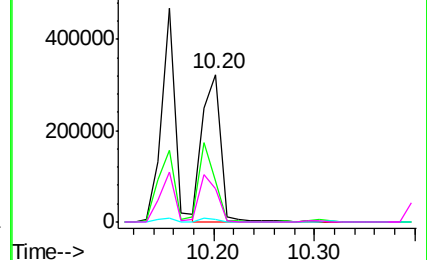


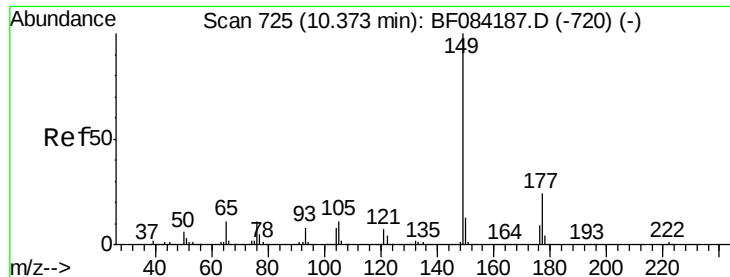
Abundance Ion 232.00 (231.70 to 232.70): E

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

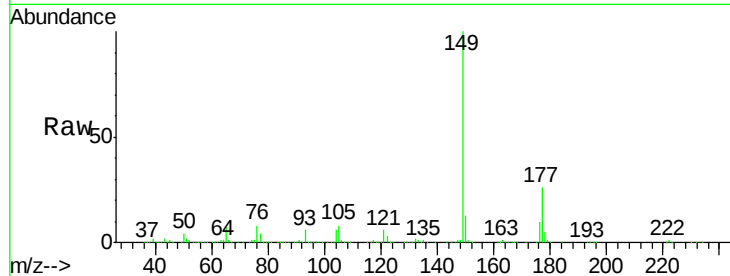




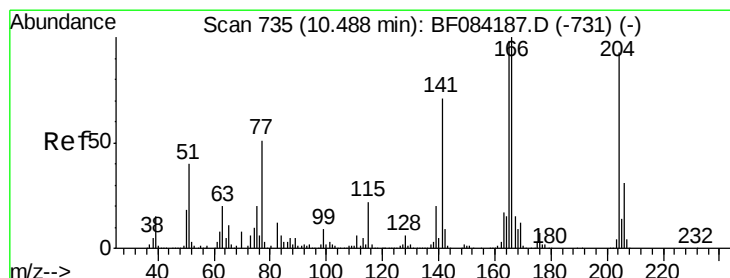
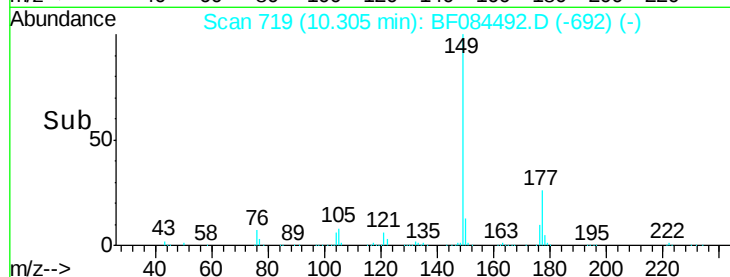
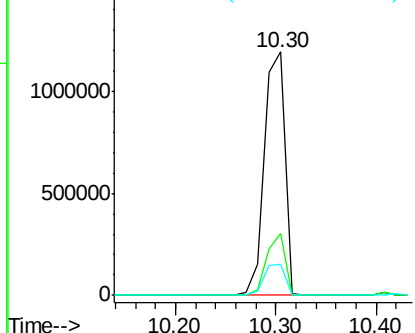
#59
Diethylphthalate
Concen: 43.48 ng
RT: 10.30 min Scan# 719
Delta R.T. 0.01 min
Lab File: BF084492.D
Acq: 15 Jan 2016 15:49

Instrument :
BNA_F
ClientSampleId :
PB87835BS

Tot Ion:149 Resp: 1690065
Ion Ratio Lower Upper
149 100
177 25.6 17.3 25.9
150 12.5 9.8 14.8

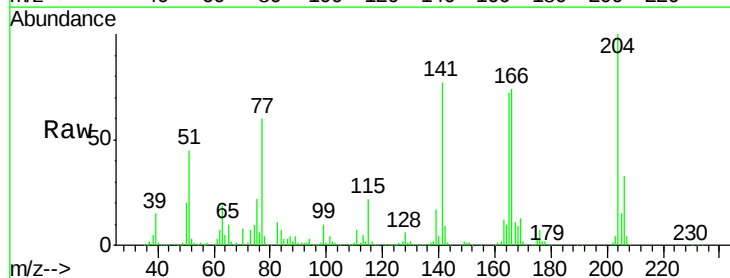


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

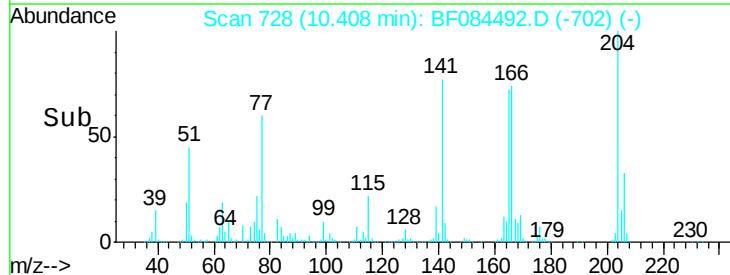
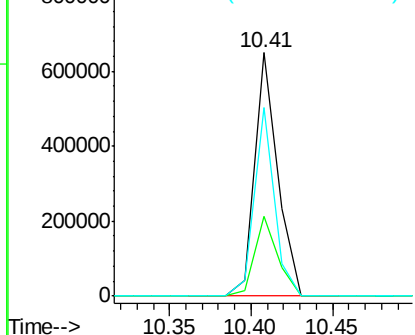


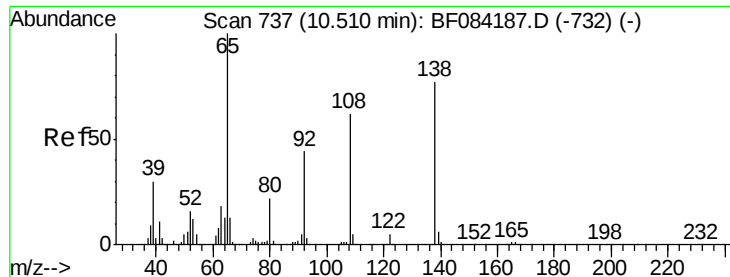
#60
4-Chlorophenyl-phenylether
Concen: 44.06 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF084492.D
Acq: 15 Jan 2016 15:49

Tgt Ion:204 Resp: 637563
Ion Ratio Lower Upper
204 100
206 32.8 25.7 38.5
141 77.2 55.1 82.7



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: 36.87 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Instrument :

BNA_F

ClientSampleId :

PB87835BS

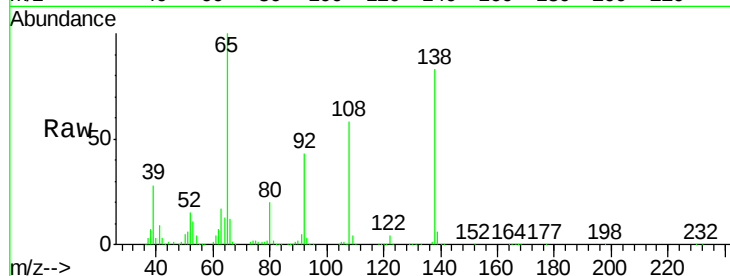
Tot Ion:138 Resp: 352136

Ion Ratio Lower Upper

138 100

92 52.2 32.6 72.6

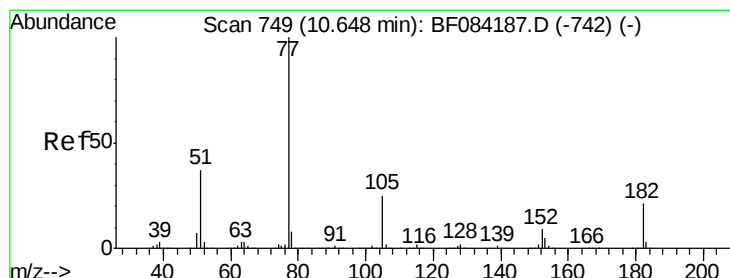
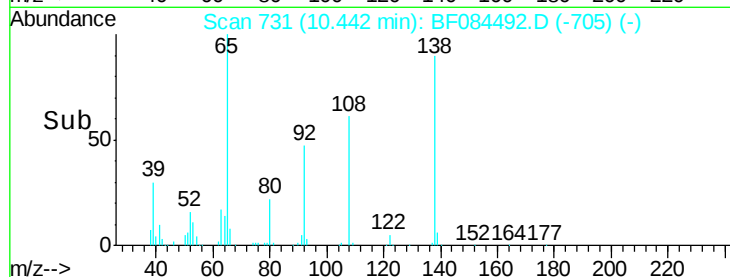
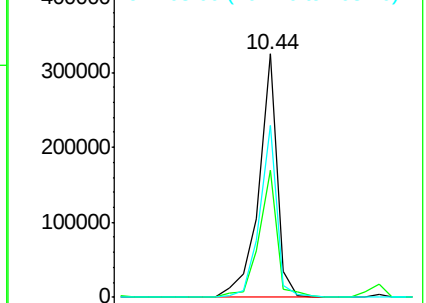
108 70.6 68.6 108.6



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: 39.23 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Tgt Ion: 77 Resp: 1672284

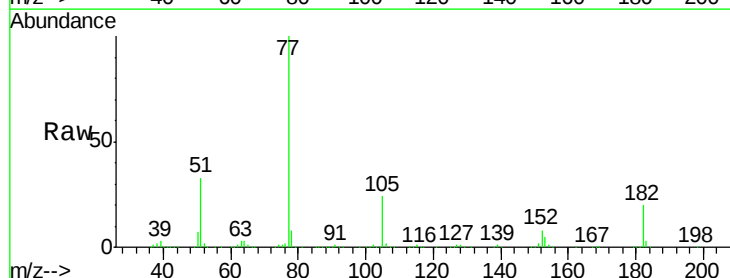
Ion Ratio Lower Upper

77 100

182 19.9 8.3 48.3

105 24.2 4.6 44.6

51 33.3 6.2 46.2

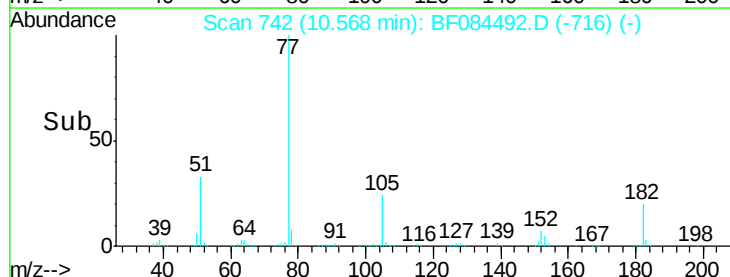
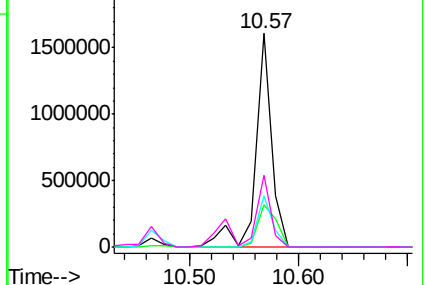


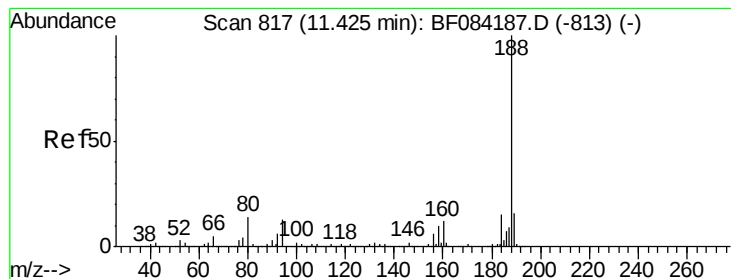
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.36 min Scan# 811

Delta R.T. 0.01 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Instrument :

BNA_F

ClientSampleId :

PB87835BS

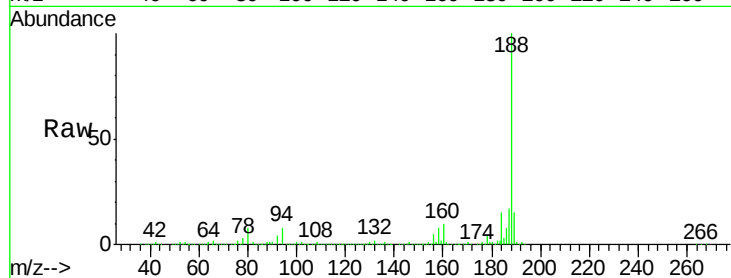
Tot Ion:188 Resp: 977473

Ion Ratio Lower Upper

188 100

94 7.7 9.0 13.4#

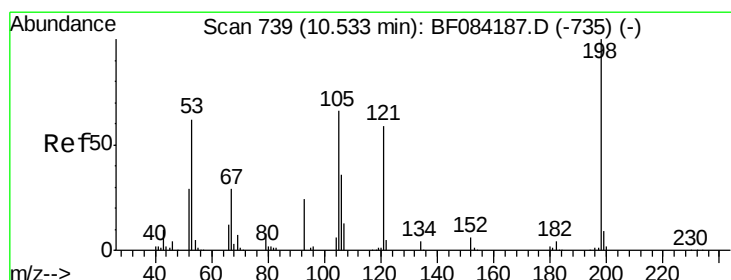
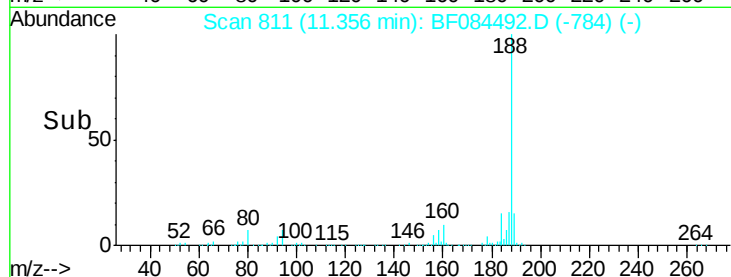
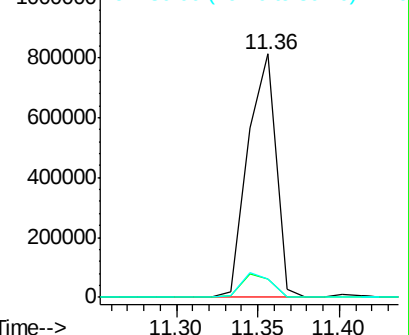
80 7.6 9.6 14.4#



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: 45.75 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

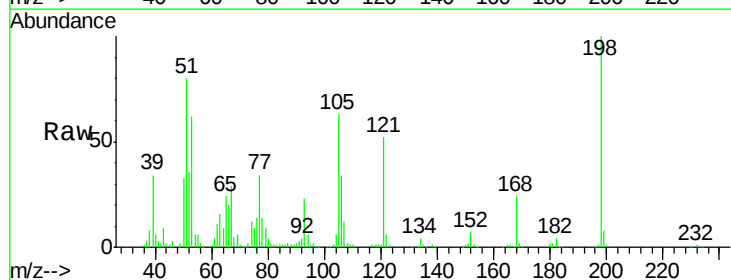
Tgt Ion:198 Resp: 271869

Ion Ratio Lower Upper

198 100

51 79.5 18.9 58.9#

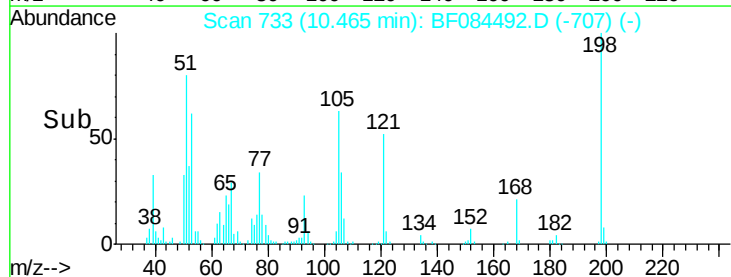
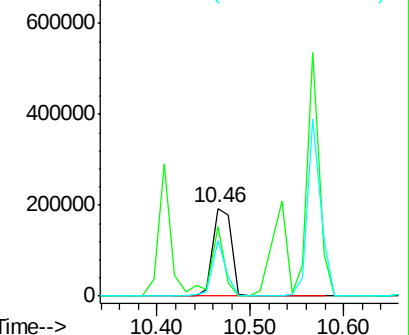
105 63.0 26.4 66.4

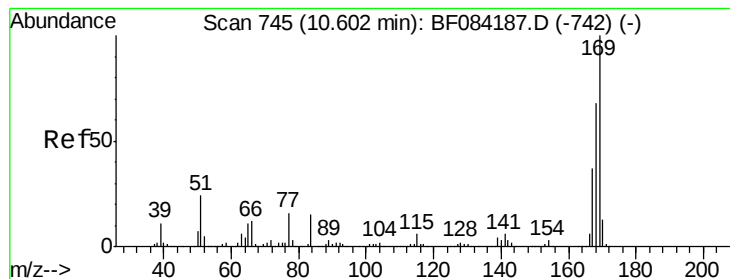


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 42.35 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Instrument :

BNA_F

ClientSampleId :

PB87835BS

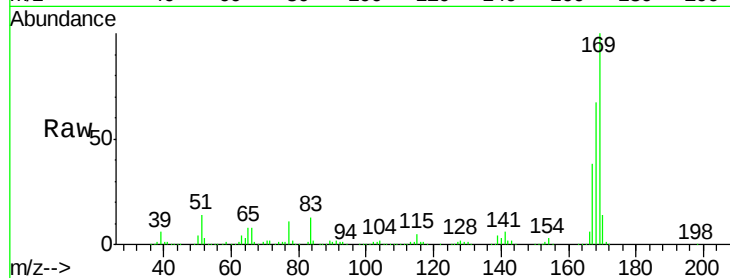
Tot Ion:169 Resp: 1323615

Ion Ratio Lower Upper

169 100

168 67.5 55.1 82.7

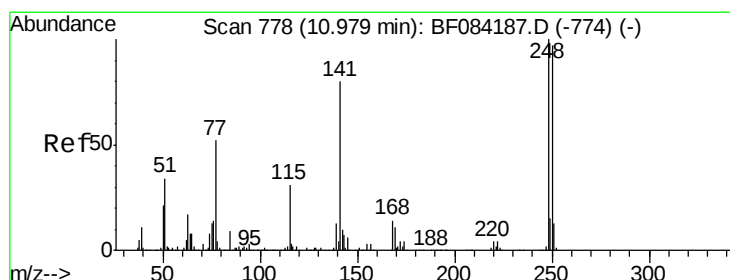
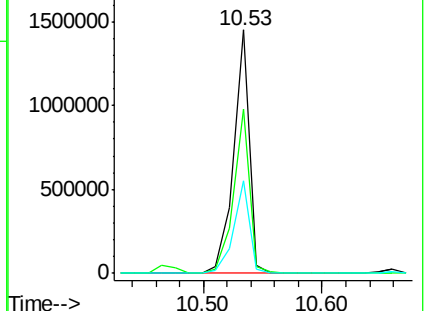
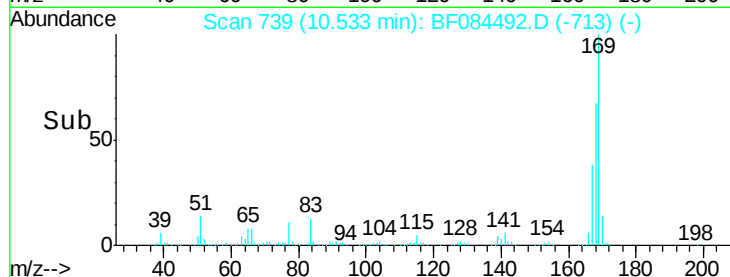
167 38.0 30.0 45.0



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: 41.91 ng

RT: 10.90 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

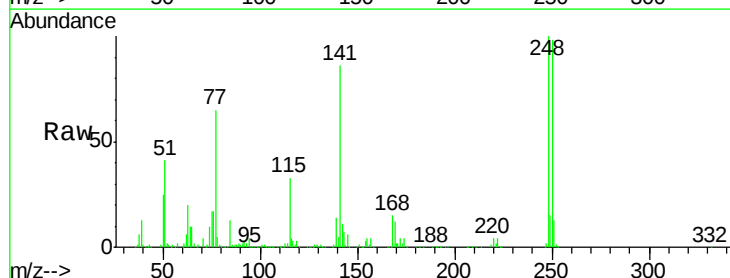
Tgt Ion:248 Resp: 440977

Ion Ratio Lower Upper

248 100

250 98.4 78.4 117.6

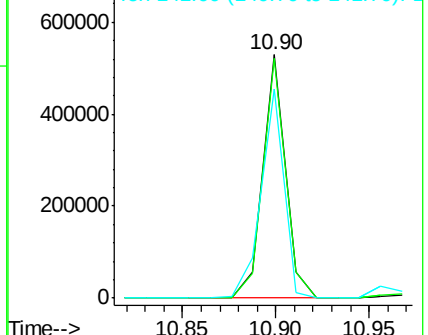
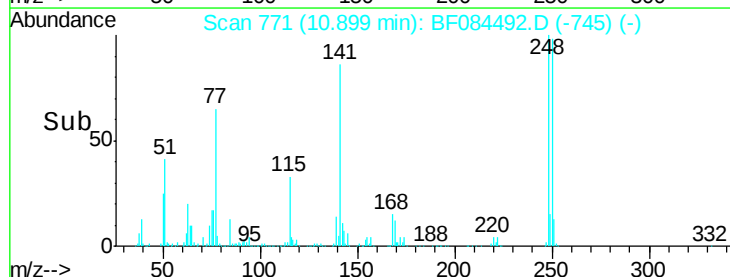
141 85.8 44.0 66.0#

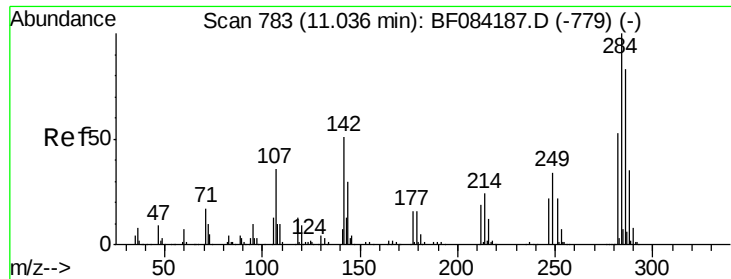


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 43.33 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Instrument :

BNA_F

ClientSampleId :

PB87835BS

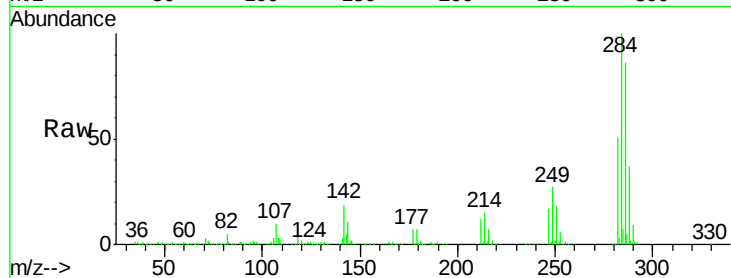
Tot Ion:284 Resp: 513124

Ion Ratio Lower Upper

284 100

142 19.2 22.2 33.4#

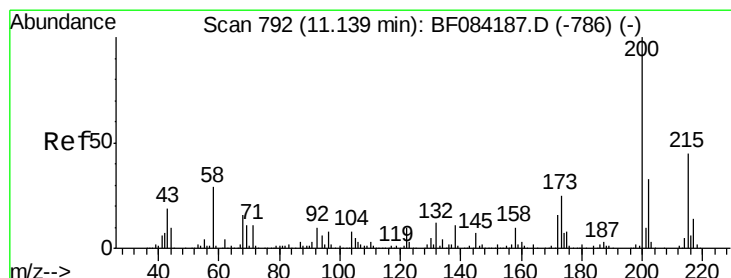
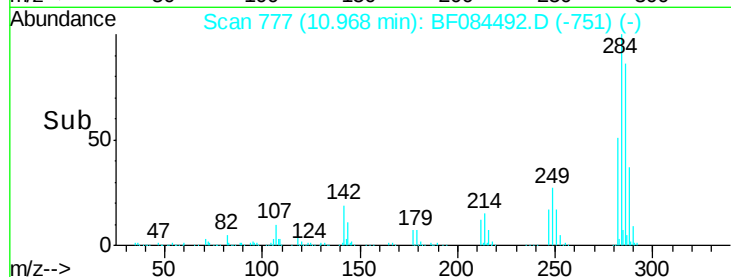
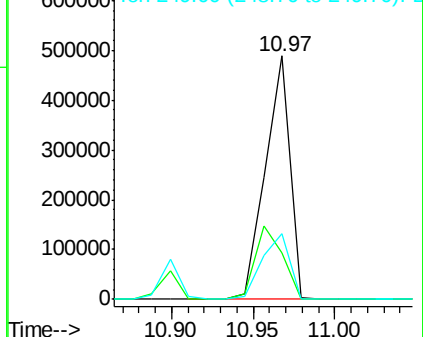
249 27.0 24.6 37.0



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: 33.35 ng

RT: 11.06 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

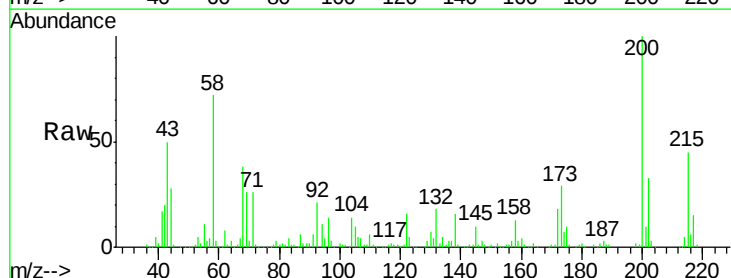
Tgt Ion:200 Resp: 341081

Ion Ratio Lower Upper

200 100

173 28.5 9.5 49.5

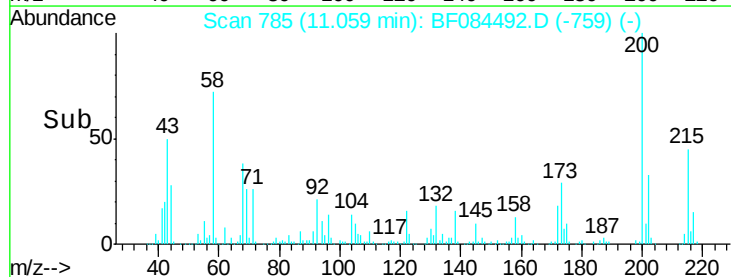
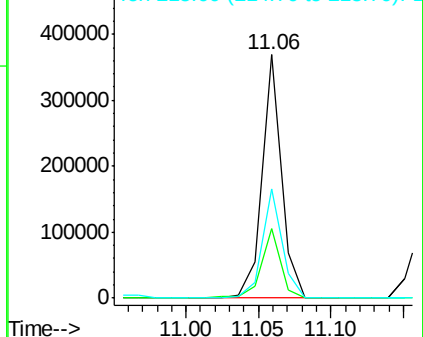
215 44.8 23.8 63.8



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: 79.82 ng

RT: 11.16 min Scan# 794

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Instrument :

BNA_F

ClientSampleId :

PB87835BS

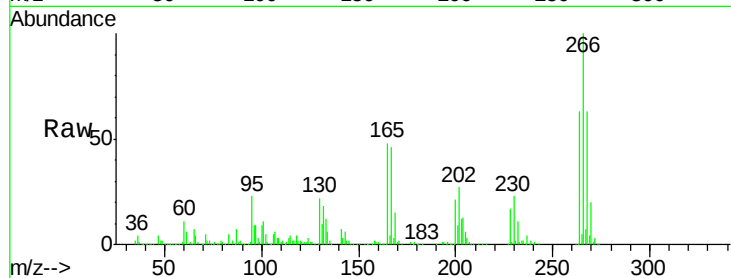
Tot Ion:266 Resp: 490097

Ion Ratio Lower Upper

266 100

268 63.4 52.4 78.6

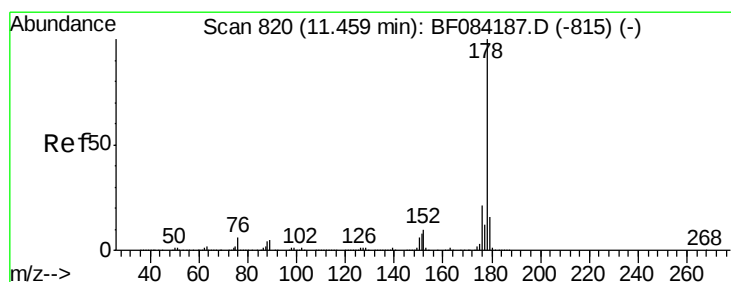
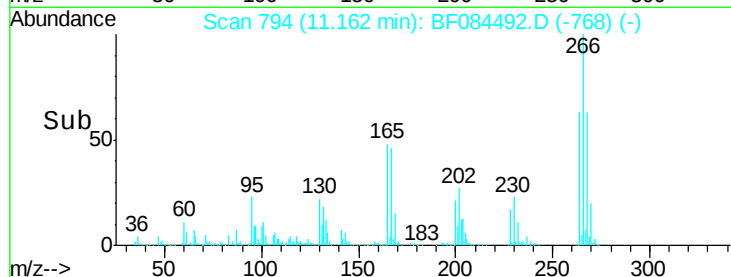
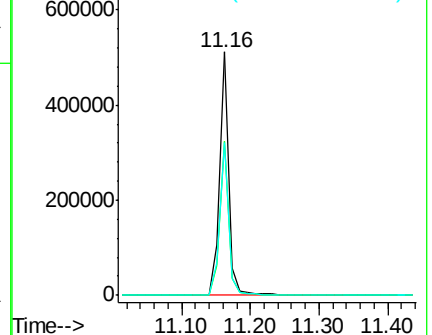
264 62.8 50.2 75.2



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 43.90 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

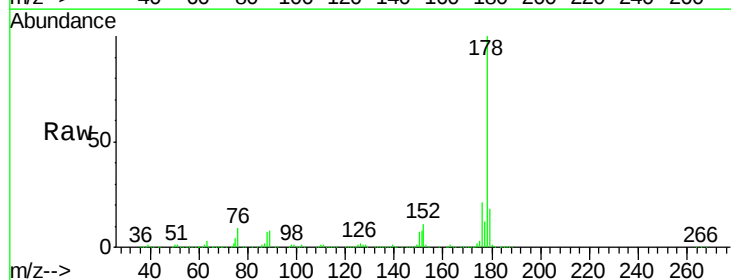
Tgt Ion:178 Resp: 2244462

Ion Ratio Lower Upper

178 100

176 21.3 15.3 22.9

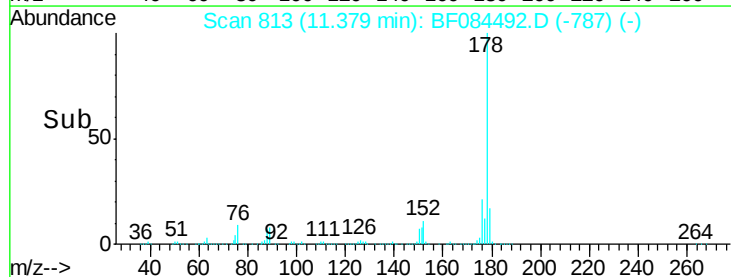
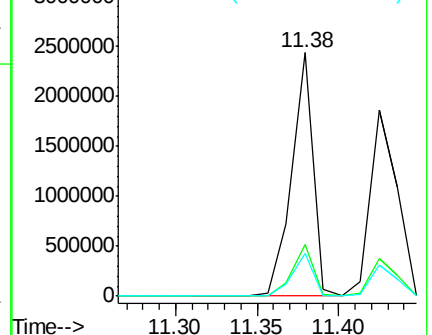
179 17.5 12.0 18.0

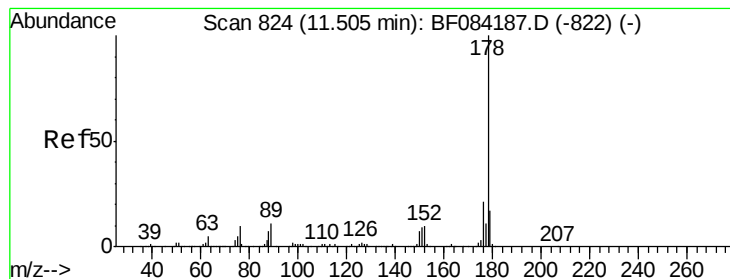


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 42.72 ng

RT: 11.42 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Instrument :

BNA_F

ClientSampleId :

PB87835BS

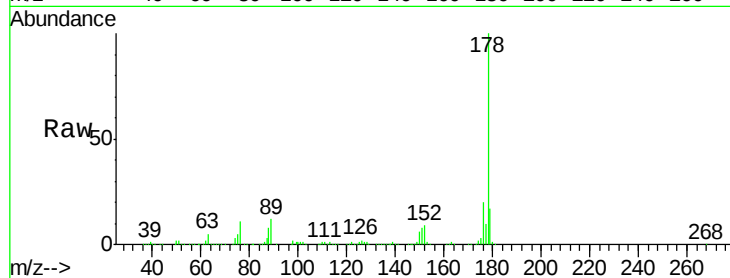
Tot Ion:178 Resp: 2140934

Ion Ratio Lower Upper

178 100

176 20.0 15.4 23.0

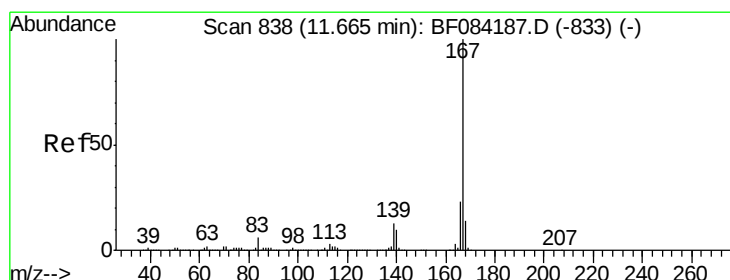
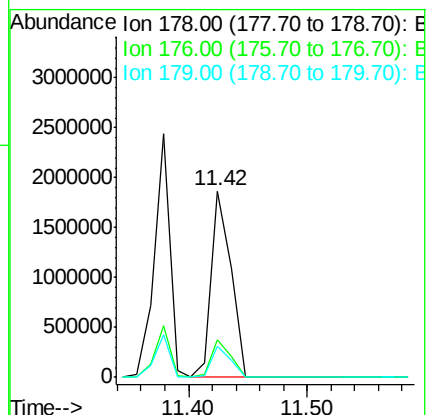
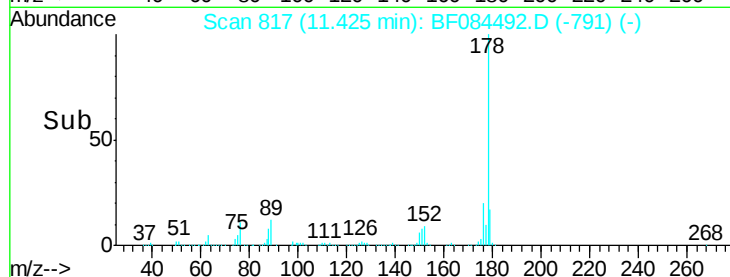
179 16.6 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 37.41 ng

RT: 11.58 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

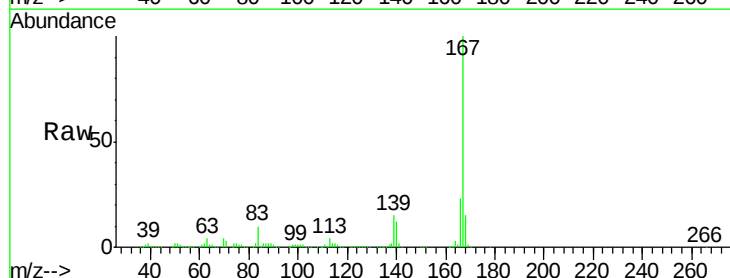
Tgt Ion:167 Resp: 1832948

Ion Ratio Lower Upper

167 100

166 23.1 17.6 26.4

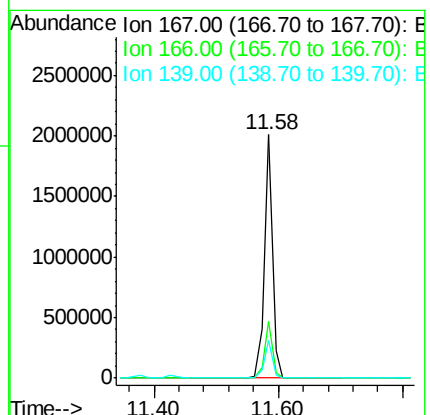
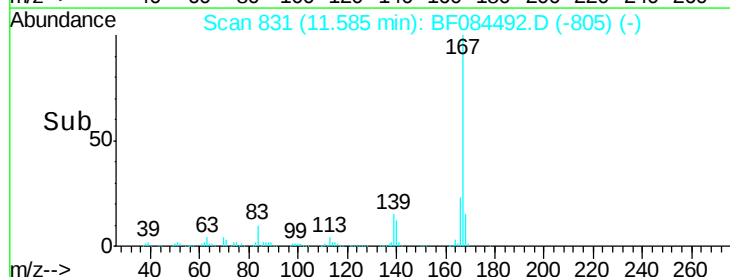
139 15.2 11.8 17.8

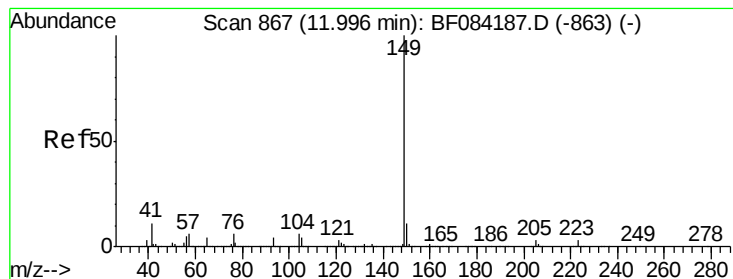


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 45.35 ng

RT: 11.92 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Instrument :

BNA_F

ClientSampleId :

PB87835BS

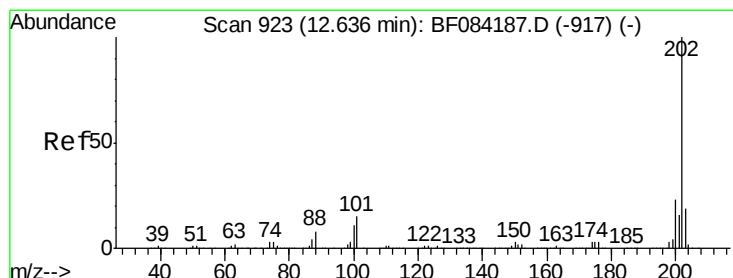
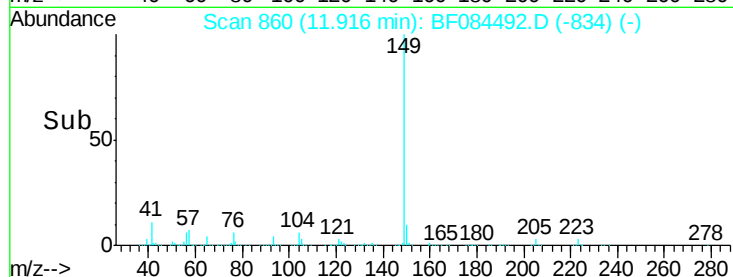
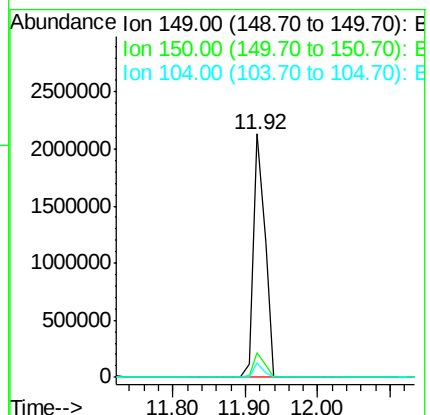
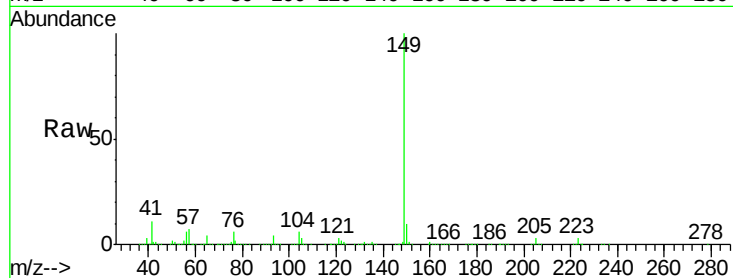
Tot Ion:149 Resp: 2357234

Ion Ratio Lower Upper

149 100

150 10.2 7.1 10.7

104 5.9 3.2 4.8#



#74

Fluoranthene

Concen: 41.34 ng

RT: 12.57 min Scan# 917

Delta R.T. 0.01 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

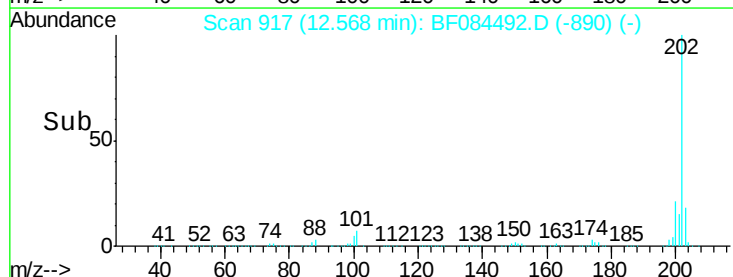
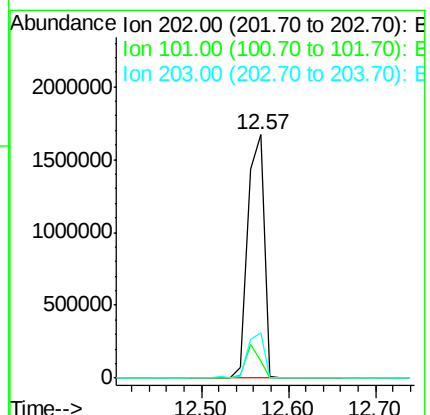
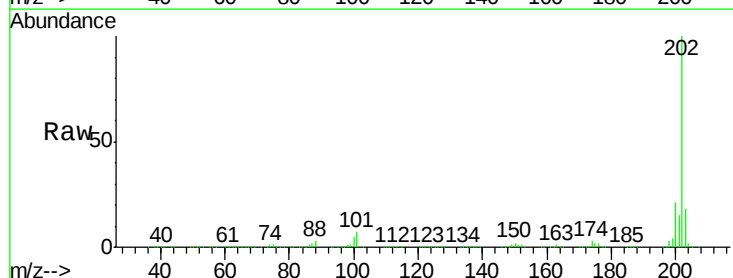
Tgt Ion:202 Resp: 2207819

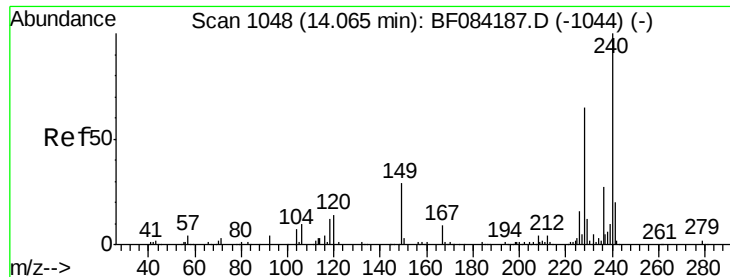
Ion Ratio Lower Upper

202 100

101 7.2 0.0 32.8

203 18.3 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Instrument :

BNA_F

ClientSampleId :

PB87835BS

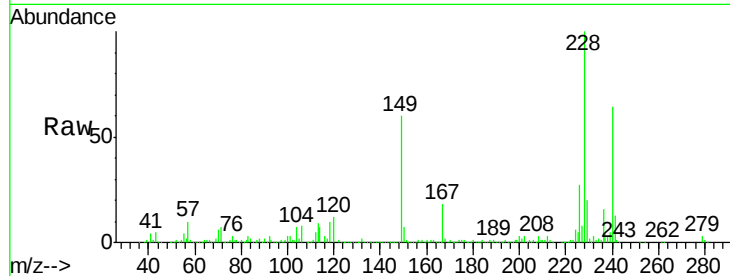
Tot Ion:240 Resp: 590160

Ion Ratio Lower Upper

240 100

120 18.0 9.5 14.3#

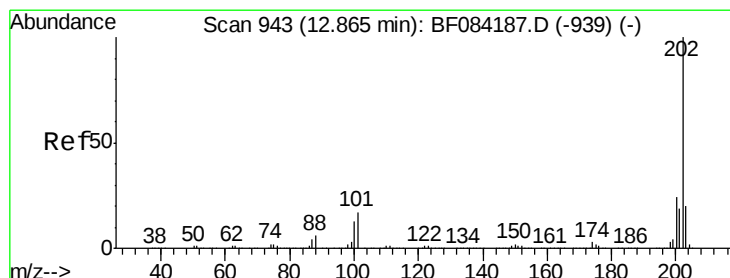
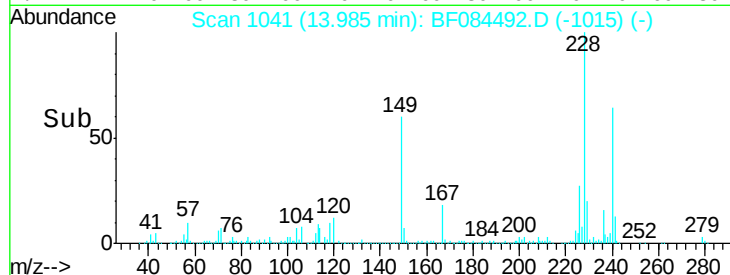
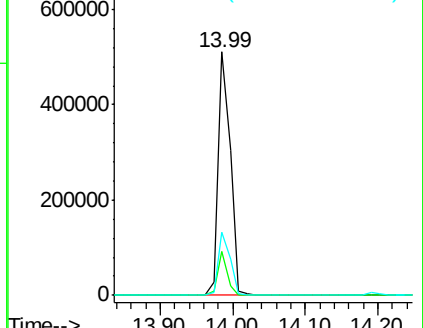
236 25.7 20.6 31.0



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



#77

Pyrene

Concen: 46.98 ng

RT: 12.78 min Scan# 936

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

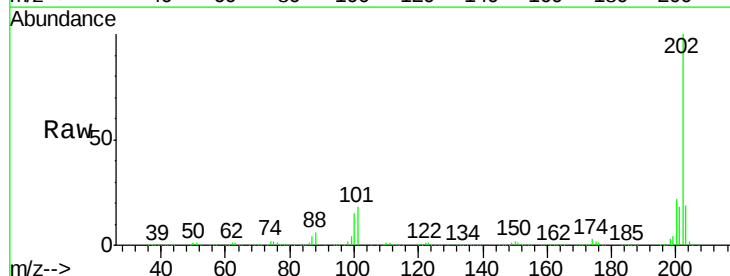
Tgt Ion:202 Resp: 2175517

Ion Ratio Lower Upper

202 100

200 21.9 17.2 25.8

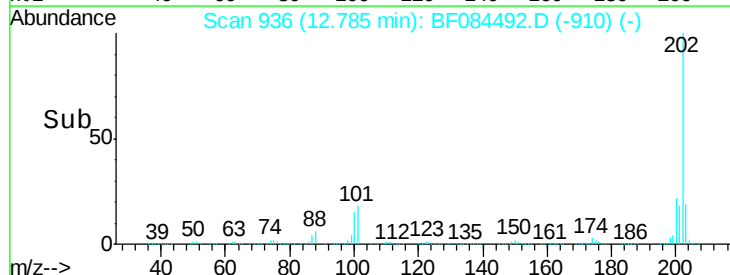
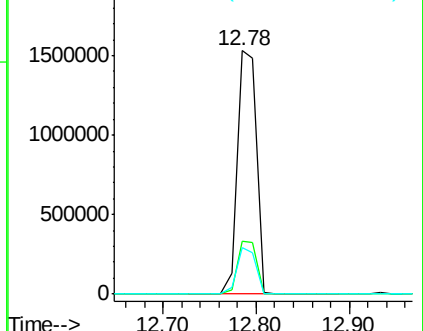
203 19.0 14.3 21.5

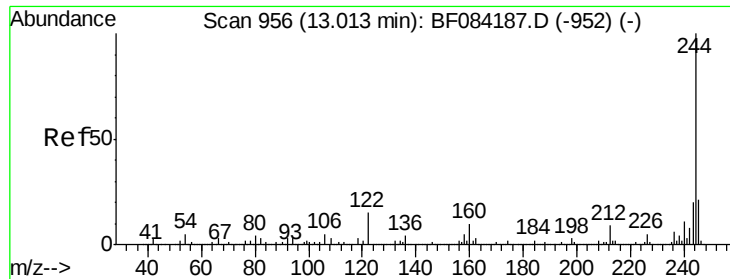


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



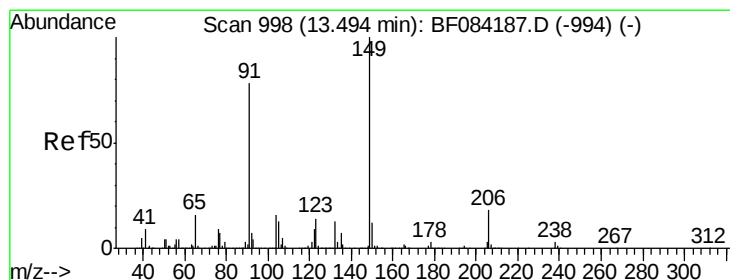
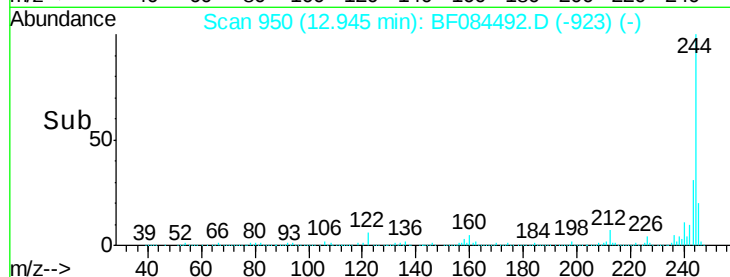
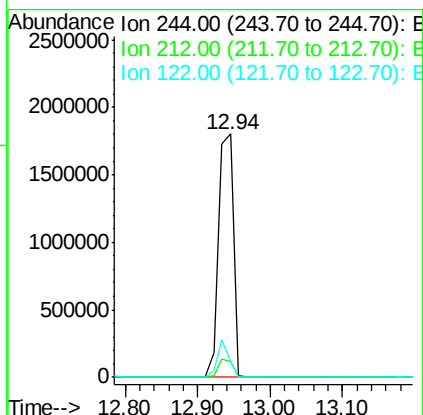
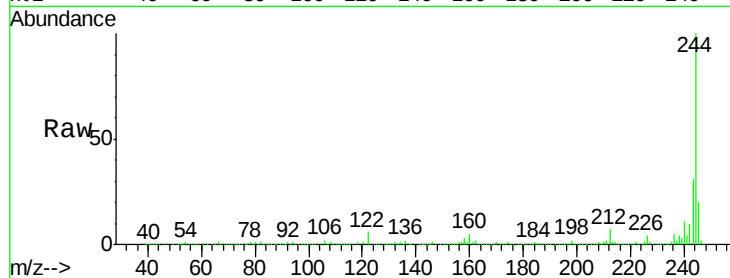


#78
 Terphenyl-d14
 Concen: 97.33 ng
 RT: 12.94 min Scan# 950
 Delta R.T. 0.01 min
 Lab File: BF084492.D
 Acq: 15 Jan 2016 15:49

Instrument :
 BNA_F
 ClientSampleId :
 PB87835BS

Tot Ion:244 Resp: 2573393

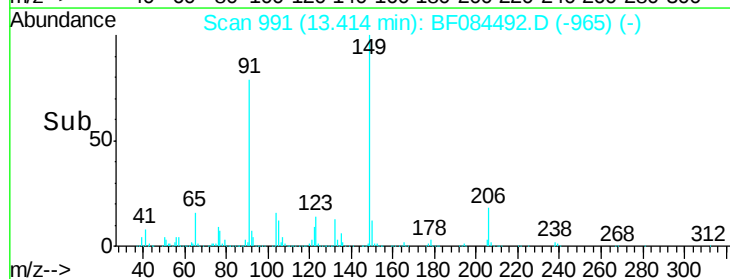
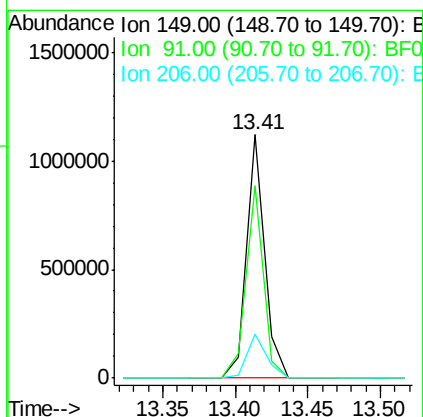
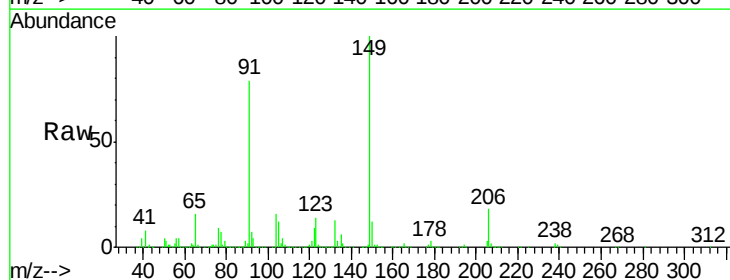
Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.7	8.5
122	6.3	7.4	11.0

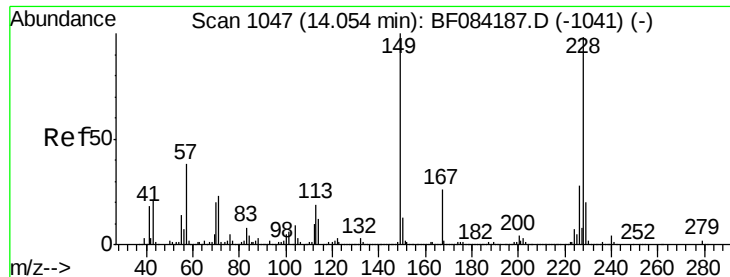


#79
 Butylbenzylphthalate
 Concen: 48.39 ng
 RT: 13.41 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: BF084492.D
 Acq: 15 Jan 2016 15:49

Tgt Ion:149 Resp: 969706

Ion	Ratio	Lower	Upper
149	100		
91	79.0	57.6	86.4
206	18.1	13.2	19.8





#80

Benzo(a)anthracene

Concen: 44.39 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Instrument :

BNA_F

ClientSampleId :

PB87835BS

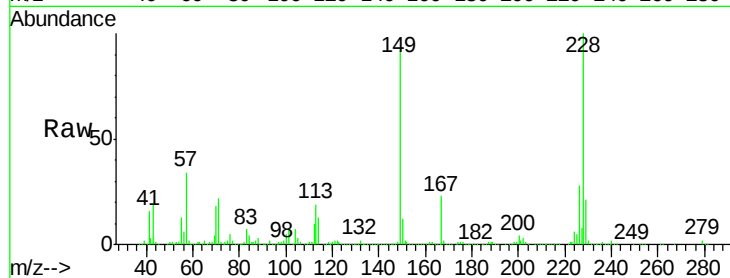
Tot Ion:228 Resp: 1538371

Ion Ratio Lower Upper

228 100

226 28.1 21.8 32.6

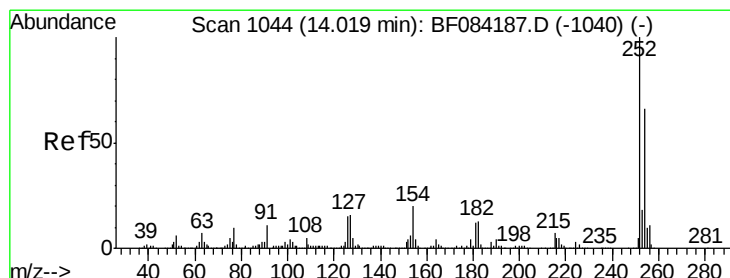
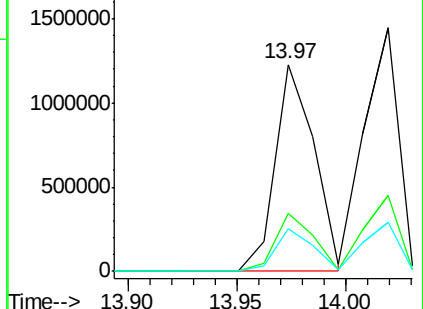
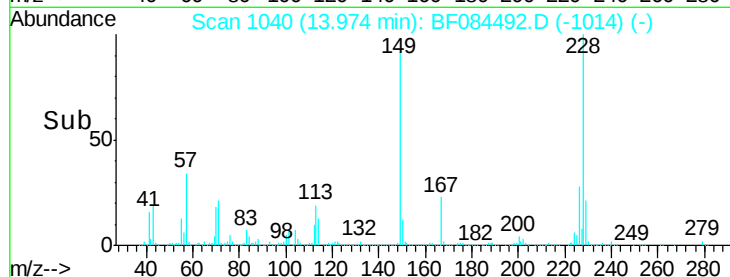
229 20.8 15.8 23.8



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: 18.45 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

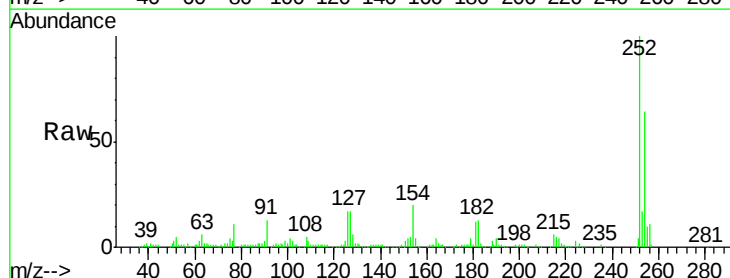
Tgt Ion:252 Resp: 223084

Ion Ratio Lower Upper

252 100

254 64.4 53.5 80.3

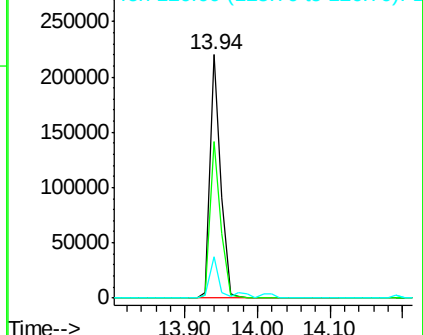
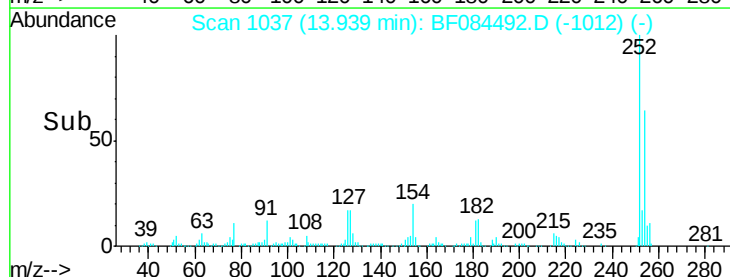
126 17.1 4.9 7.3#

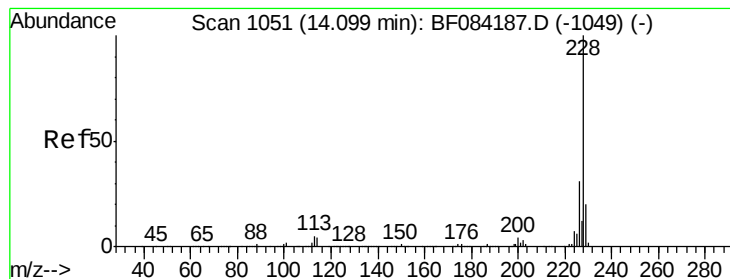


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrvsene

Concen: 47.75 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Instrument :

BNA_F

ClientSampleId :

PB87835BS

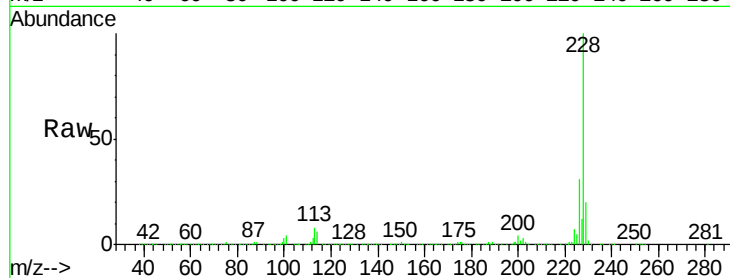
Tot Ion:228 Resp: 1590024

Ion Ratio Lower Upper

228 100

226 31.3 24.3 36.5

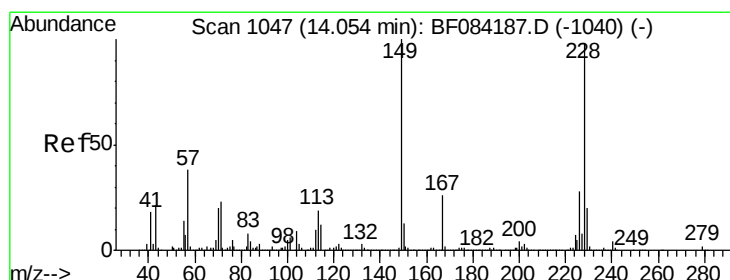
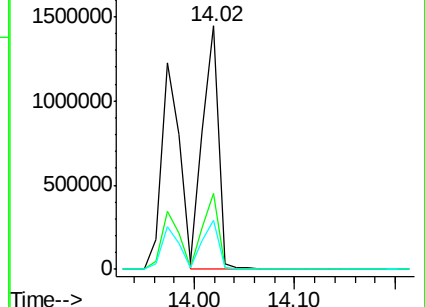
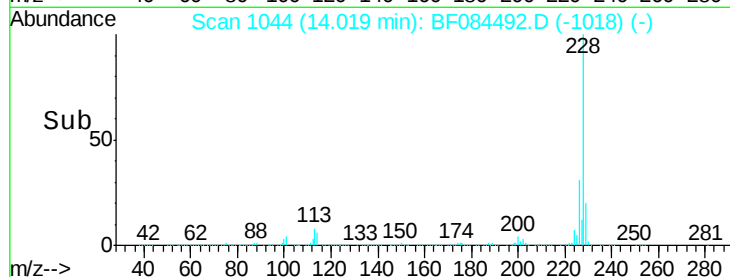
229 20.3 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 45.88 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

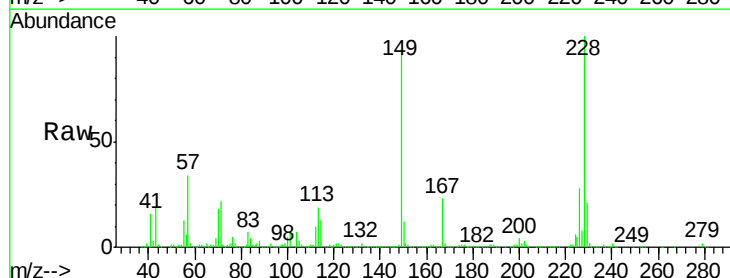
Tgt Ion:149 Resp: 1161736

Ion Ratio Lower Upper

149 100

167 25.3 19.7 29.5

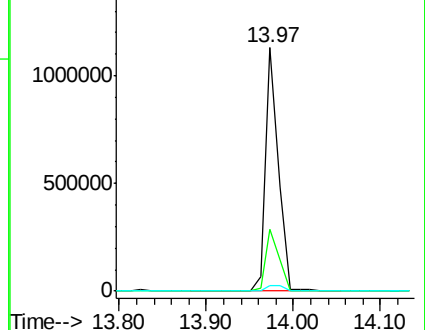
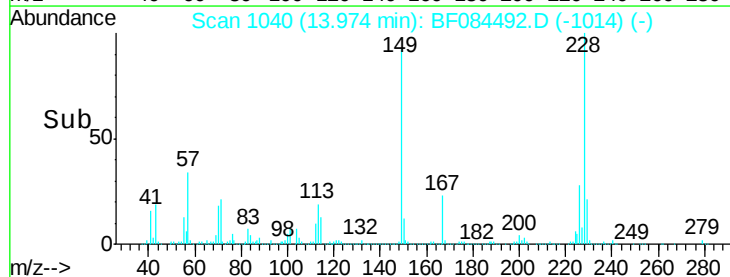
279 2.2 1.8 2.6

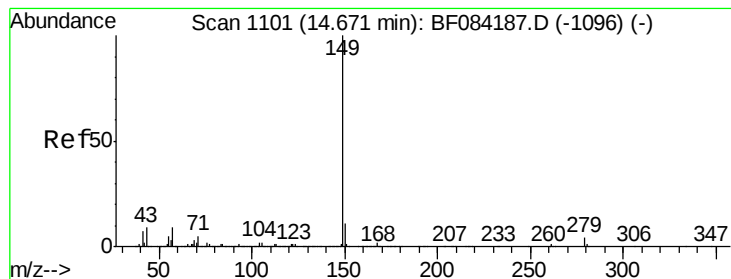


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 48.09 ng

RT: 14.59 min Scan# 1094

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Instrument :

BNA_F

ClientSampleId :

PB87835BS

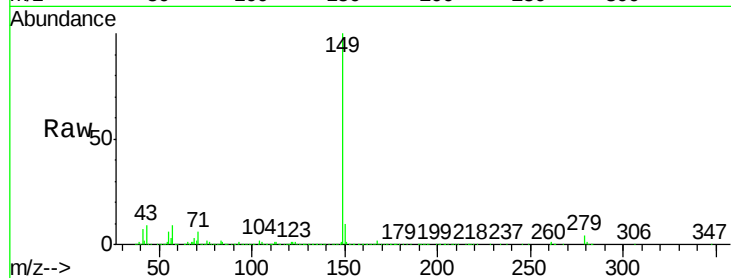
Tot Ion:149 Resp: 2055633

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

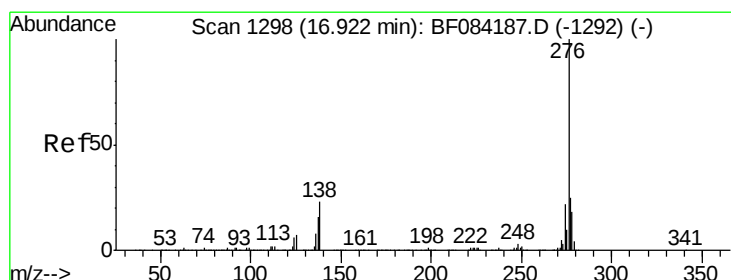
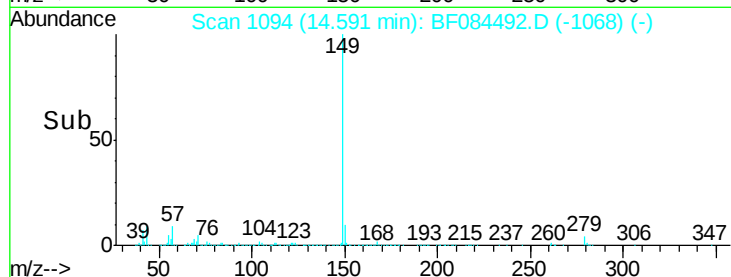
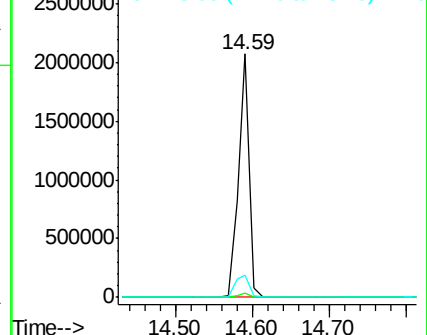
43 11.8 5.6 8.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 64.07 ng

RT: 16.79 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

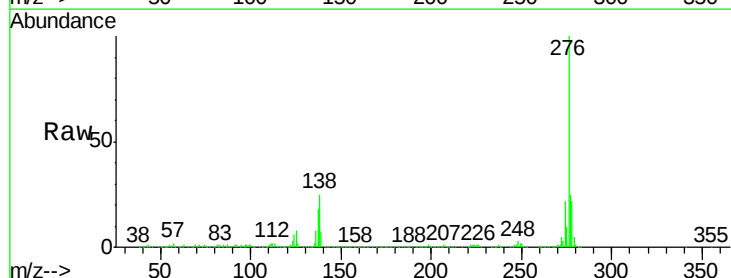
Tgt Ion:276 Resp: 1691041

Ion Ratio Lower Upper

276 100

138 27.5 20.6 30.8

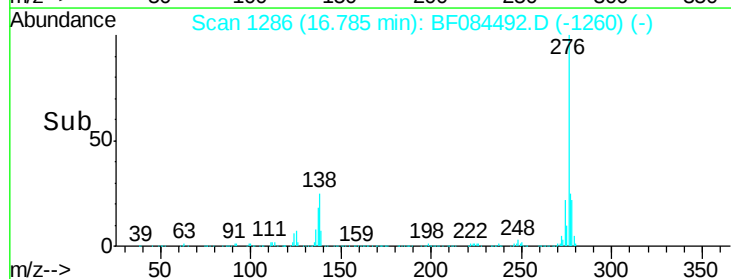
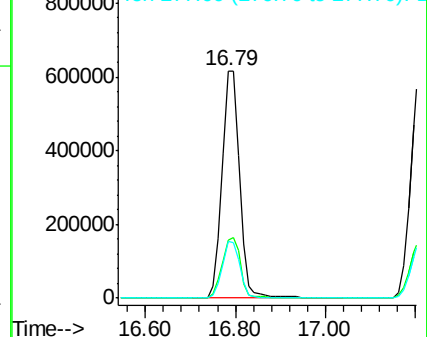
277 25.2 20.1 30.1

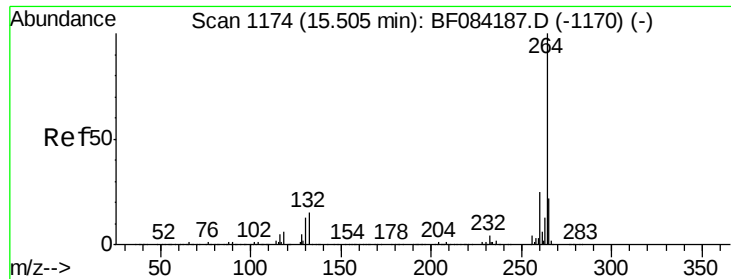


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

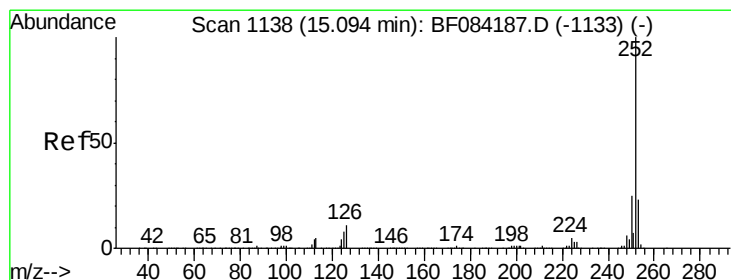
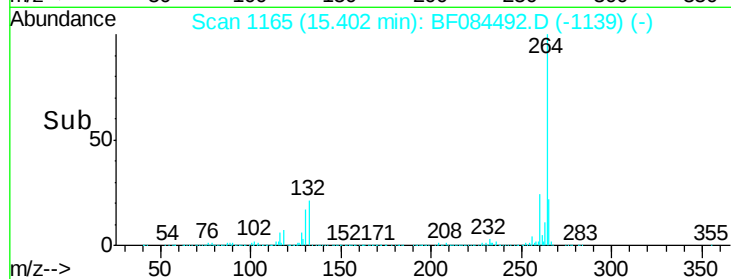
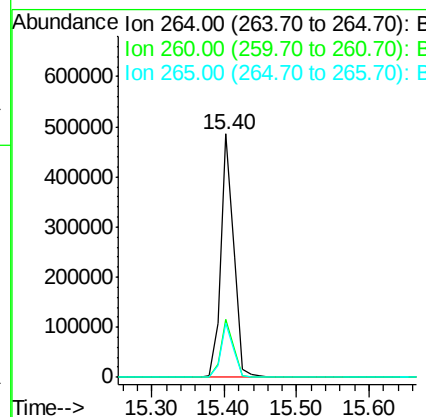
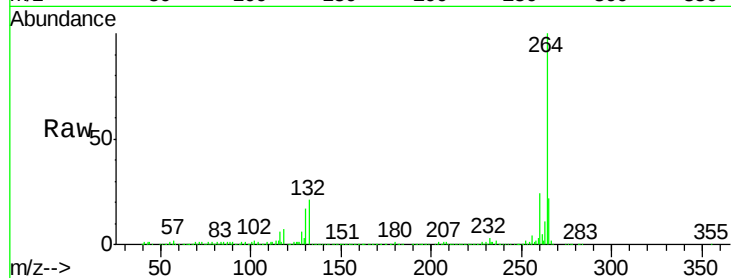




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: BF084492.D
 Acq: 15 Jan 2016 15:49

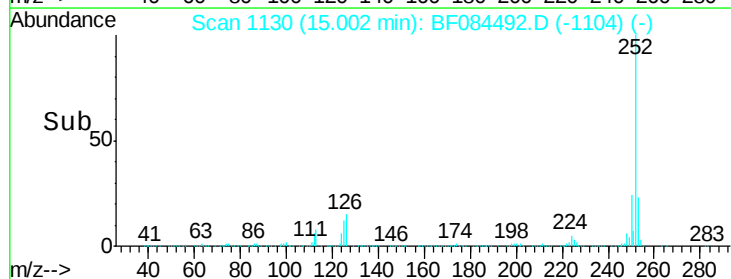
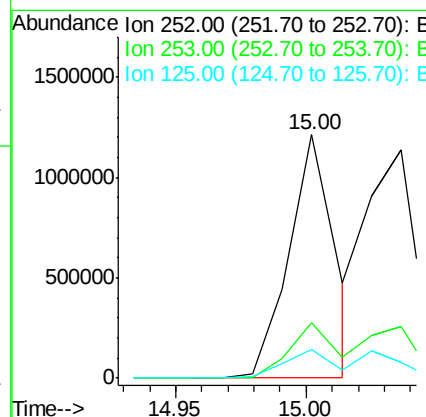
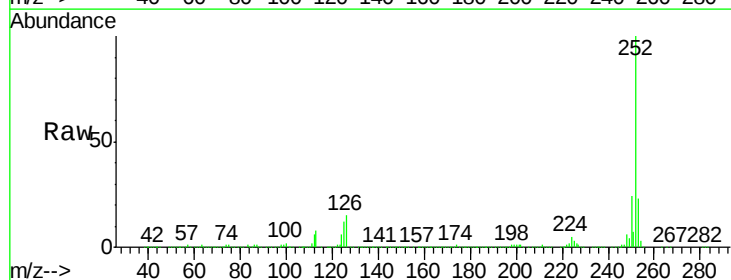
Instrument :
 BNA_F
 ClientSampleId :
 PB87835BS

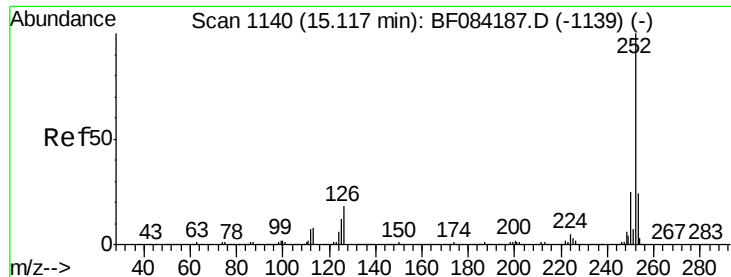
Tot Ion:264 Resp: 594700
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.2
 265 22.1 17.8 26.6



#87
 Benzo(b)fluoranthene
 Concen: 38.03 ng
 RT: 15.00 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF084492.D
 Acq: 15 Jan 2016 15:49

Tgt Ion:252 Resp: 1479605
 Ion Ratio Lower Upper
 252 100
 253 22.8 17.3 25.9
 125 11.9 6.5 9.7#





#88

Benzo(k)fluoranthene

Concen: 46.61 ng m

RT: 15.04 min Scan# 1133

Delta R.T. 0.01 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Instrument :

BNA_F

ClientSampleId :

PB87835BS

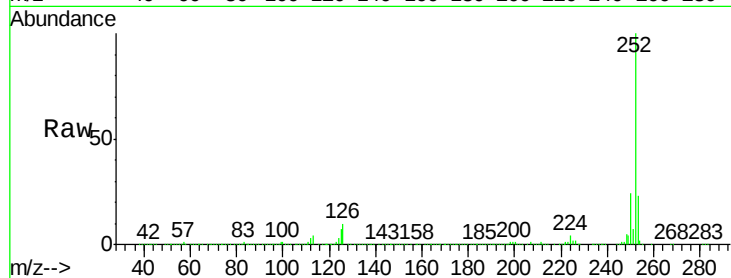
Tot Ion:252 Resp: 1482912

Ion Ratio Lower Upper

252 100

253 22.7 18.1 27.1

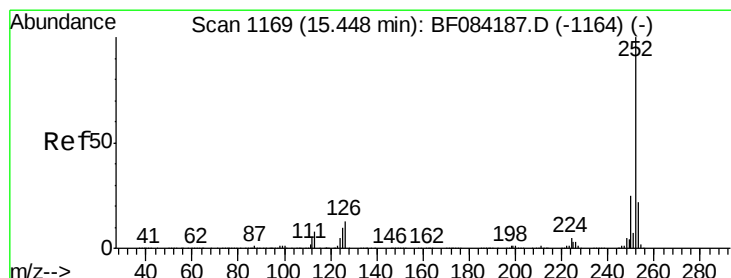
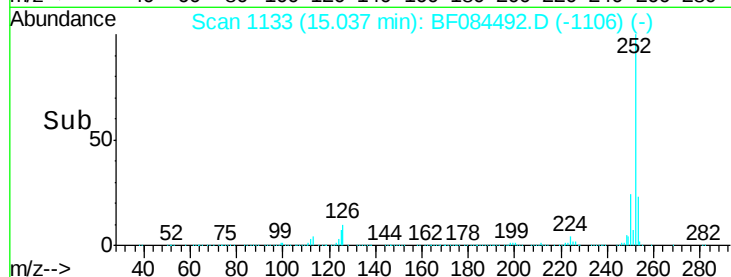
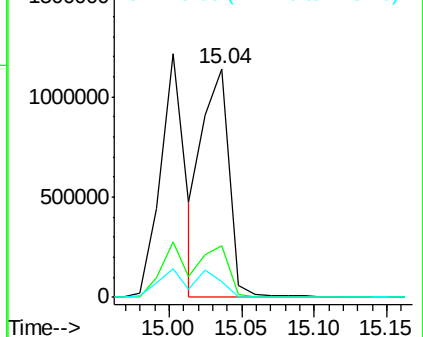
125 6.9 9.0 13.6#



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



#89

Benzo(a)pyrene

Concen: 44.57 ng

RT: 15.35 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

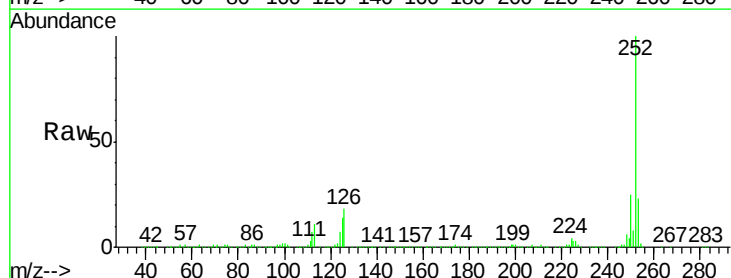
Tgt Ion:252 Resp: 1470765

Ion Ratio Lower Upper

252 100

253 22.7 17.3 25.9

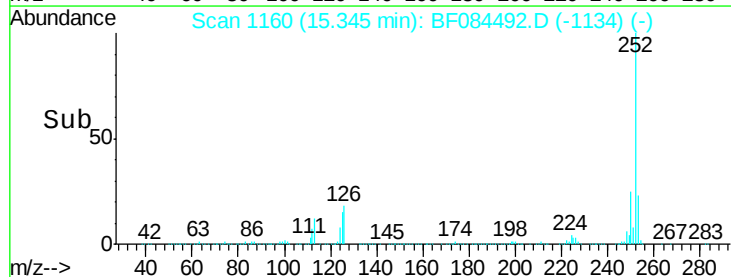
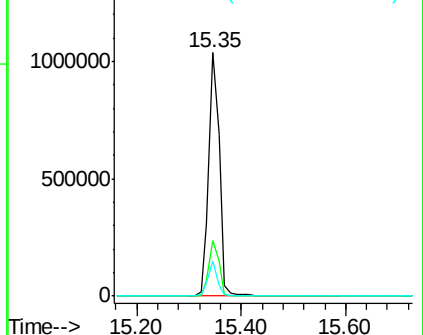
125 14.4 7.0 10.4#

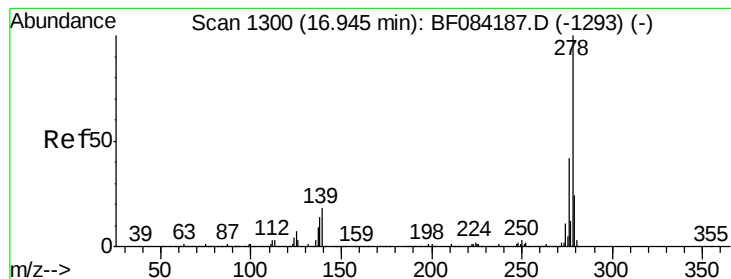


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 49.23 ng

RT: 16.81 min Scan# 1288

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Instrument :

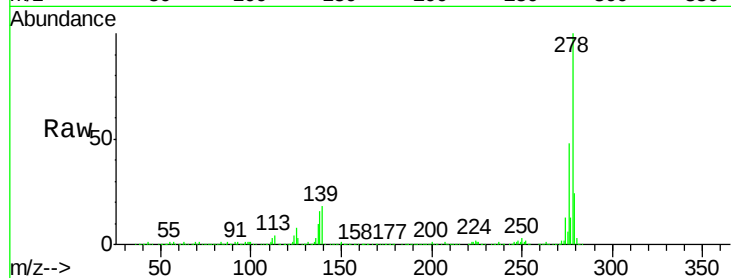
BNA_F

ClientSampleId :

PB87835BS

Tot Ion:278 Resp: 1397741

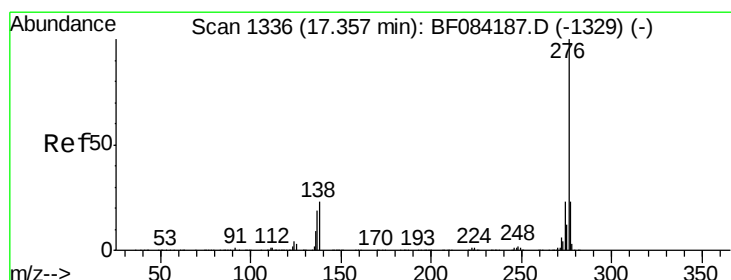
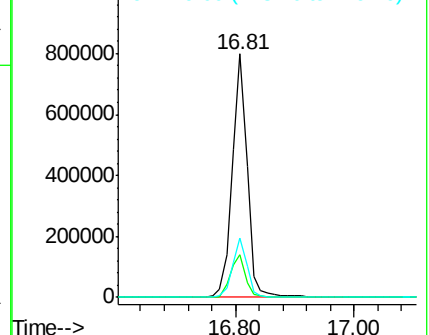
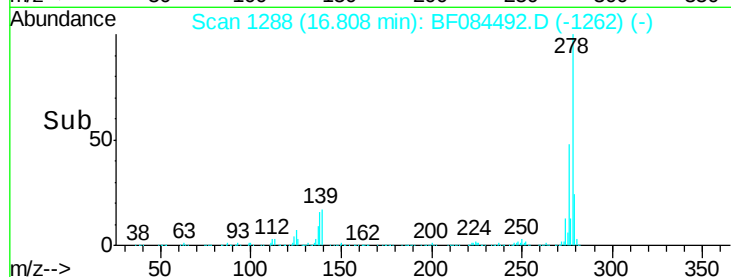
Ion	Ratio	Lower	Upper
278	100		
139	17.6	15.0	22.4
279	24.4	18.9	28.3



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(g,h,i)perylene

Concen: 48.41 ng

RT: 17.21 min Scan# 1323

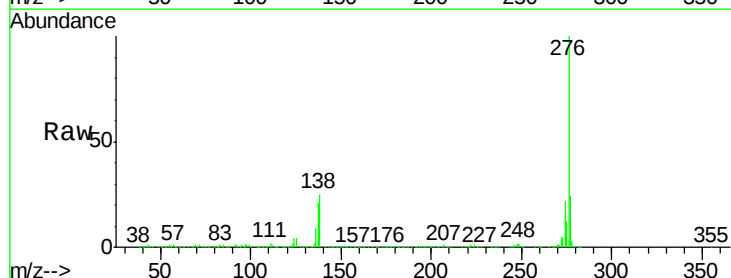
Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Tgt Ion:276 Resp: 1423550

Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.8	28.2
138	24.6	17.8	26.6



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

