

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012916\
 Data File : BF084648.D
 Acq On : 29 Jan 2016 21:19
 Operator : SJ/IZ
 Sample : PB88084BS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88084BS

Quant Time: Jan 29 23:08:55 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:54:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	172185	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	687774	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	329859	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	634360	20.00	ng	0.00
75) Chrysene-d12	13.88	240	514077	20.00	ng	0.01
86) Perylene-d12	15.25	264	518561	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	1354744	118.77	ng	0.02
7) Phenol-d6	6.37	99	1562485	114.29	ng	0.00
23) Nitrobenzene-d5	7.30	82	1075736	87.41	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	457701	132.39	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1773592	79.92	ng	0.00
78) Terphenyl-d14	12.83	244	1802653	79.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.30	88	163672	30.77	ng	# 77
3) Pyridine	2.98	79	426210	30.08	ng	# 77
4) n-Nitrosodimethylamine	2.93	42	254445	36.72	ng	81
6) Aniline	6.38	93	330566	18.84	ng	# 1
8) 2-Chlorophenol	6.51	128	499074	39.44	ng	91
9) Benzaldehyde	6.27	77	216276	27.32	ng	90
10) Phenol	6.38	94	509380	33.43	ng	81
11) bis(2-Chloroethyl)ether	6.46	93	430898	36.36	ng	# 80
12) 1,3-Dichlorobenzene	6.90	146	478581	35.31	ng	99
13) 1,4-Dichlorobenzene	6.74	146	491191	36.92	ng	97
14) 1,2-Dichlorobenzene	6.90	146	478752	39.08	ng	96
15) Benzyl Alcohol	6.88	79	391048	42.02	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.01	45	730580	36.02	ng	86
17) 2-Methylphenol	7.00	107	405507	41.34	ng	94
18) Hexachloroethane	7.24	117	196456	37.75	ng	# 82
19) n-Nitroso-di-n-propylamine	7.15	70	343475	41.13	ng	# 77
20) 3+4-Methylphenols	7.15	107	488370	41.03	ng	# 78
22) Acetophenone	7.14	105	673387	37.49	ng	98
24) Nitrobenzene	7.31	77	484763	37.06	ng	96
25) Isophorone	7.55	82	932979	40.46	ng	97
26) 2-Nitrophenol	7.63	139	266758	42.88	ng	# 87
27) 2,4-Dimethylphenol	7.68	122	446813	40.99	ng	94
28) bis(2-Chloroethoxy)methane	7.77	93	553556	40.00	ng	100
29) 2,4-Dichlorophenol	7.88	162	402592	42.23	ng	94
30) 1,2,4-Trichlorobenzene	7.95	180	412051	37.79	ng	96
31) Naphthalene	8.03	128	1293895	37.27	ng	99
32) Benzoic acid	7.81	122	299700	35.82	ng	97
33) 4-Chloroaniline	8.09	127	134135	9.50	ng	96
34) Hexachlorobutadiene	8.16	225	253096	39.28	ng	99
35) Caprolactam	8.46	113	92051	33.65	ng	# 64
36) 4-Chloro-3-methylphenol	8.58	107	470115	44.79	ng	93
37) 2-Methylnaphthalene	8.73	142	984410	46.19	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	371640	34.74	ng	98
40) Hexachlorocyclopentadiene	8.88	237	423166	87.00	ng	98

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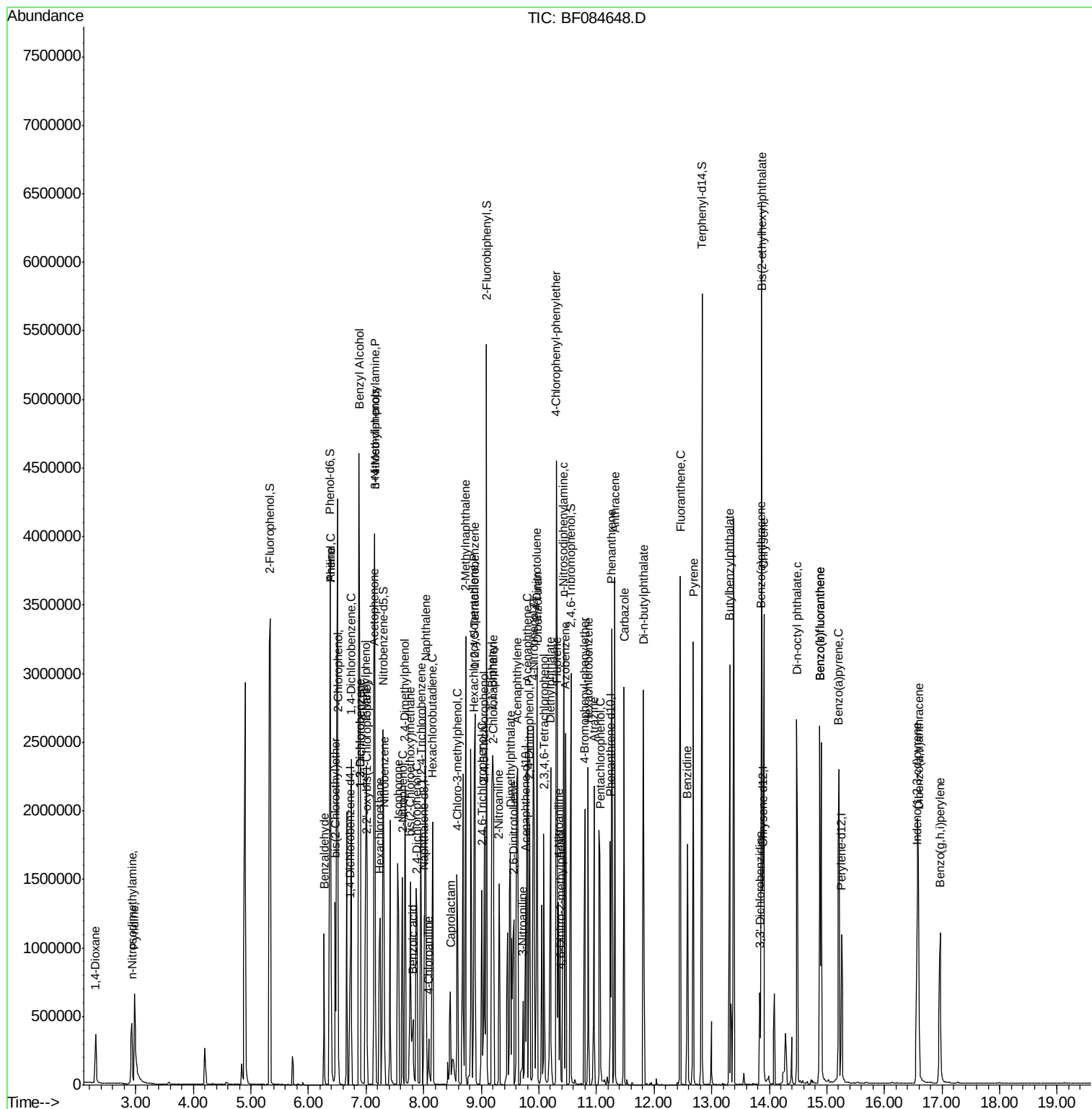
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	277575	41.77	ng	92
43) 2,4,5-Trichlorophenol	9.05	196	275566	40.16	ng #	80
45) 1,1'-Biphenyl	9.20	154	1126631	37.27	ng	95
46) 2-Chloronaphthalene	9.21	162	836879	37.94	ng	96
47) 2-Nitroaniline	9.31	65	267329	40.36	ng	98
48) Acenaphthylene	9.63	152	1363772	40.81	ng	98
49) Dimethylphthalate	9.50	163	1053993	42.57	ng #	91
50) 2,6-Dinitrotoluene	9.56	165	242988	44.61	ng	98
51) Acenaphthene	9.80	154	896893	40.08	ng	98
52) 3-Nitroaniline	9.72	138	87158	15.31	ng #	88
53) 2,4-Dinitrophenol	9.84	184	270560	100.66	ng	91
54) Dibenzofuran	9.97	168	1254210	46.96	ng	97
55) 4-Nitrophenol	9.90	139	370362	88.58	ng #	83
56) 2,4-Dinitrotoluene	9.96	165	322144	45.52	ng #	93
57) Fluorene	10.32	166	948476	41.90	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	247796	47.77	ng	89
59) Diethylphthalate	10.20	149	1056614	43.60	ng	97
60) 4-Chlorophenyl-phenylether	10.30	204	394515	38.82	ng	92
61) 4-Nitroaniline	10.34	138	228671	42.44	ng	93
62) Azobenzene	10.46	77	1055639	45.51	ng	90
64) 4,6-Dinitro-2-methylphenol	10.37	198	177194	42.77	ng	70
65) n-Nitrosodiphenylamine	10.43	169	877051	42.64	ng	99
66) 4-Bromophenyl-phenylether	10.80	248	304753	42.66	ng	96
67) Hexachlorobenzene	10.85	284	293427	37.76	ng #	83
68) Atrazine	10.96	200	255905	41.52	ng	98
69) Pentachlorophenol	11.06	266	318283	84.77	ng	100
70) Phenanthrene	11.26	178	1345974	38.37	ng	97
71) Anthracene	11.32	178	1544625	43.31	ng	98
72) Carbazole	11.48	167	1422273	46.27	ng	98
73) Di-n-butylphthalate	11.81	149	1456685	38.97	ng #	97
74) Fluoranthene	12.45	202	1611709	46.47	ng	95
76) Benzidine	12.58	184	626940	32.07	ng	98
77) Pyrene	12.68	202	1653404	42.64	ng	98
79) Butylbenzylphthalate	13.31	149	751227	45.35	ng #	94
80) Benzo(a)anthracene	13.86	228	1354013	42.25	ng	99
81) 3,3'-Dichlorobenzidine	13.84	252	195015	17.30	ng	100
82) Chrysene	13.91	228	1384891	43.84	ng	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	906889	42.21	ng	98
84) Di-n-octyl phthalate	14.48	149	1624294	47.84	ng #	90
85) Indeno(1,2,3-cd)pyrene	16.57	276	1134553	40.63	ng	99
87) Benzo(b)fluoranthene	14.88	252	2507396	74.67	ng	97
88) Benzo(k)fluoranthene	14.88	252	2508504	90.45	ng	98
89) Benzo(a)pyrene	15.21	252	1247048	42.93	ng	99
90) Dibenzo(a,h)anthracene	16.59	278	956010	36.52	ng #	95
91) Benzo(g,h,i)perylene	16.97	276	907317	34.33	ng	97

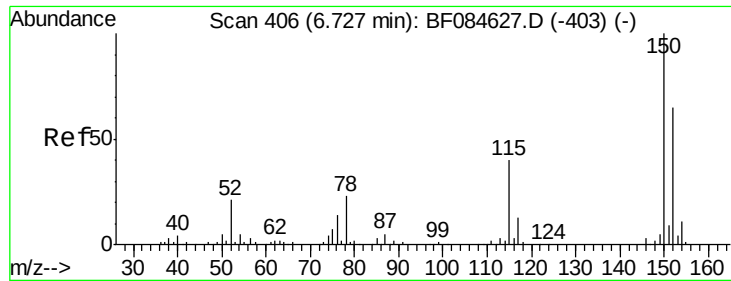
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial  : 54      Sample Multiplier: 1
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF084648.D

Acq: 29 Jan 2016 21:19

Instrument :

BNA_F

ClientSampleId :

PB88084BS

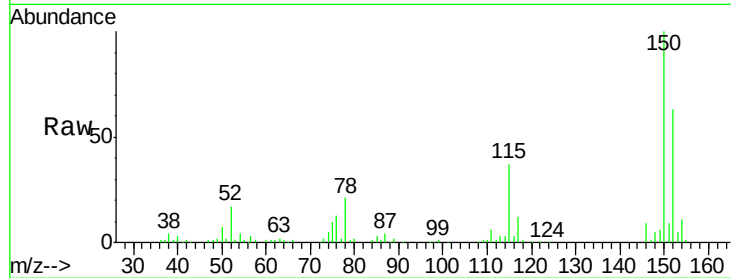
Tgt Ion:152 Resp: 172185

Ion Ratio Lower Upper

152 100

150 157.8 123.0 184.4

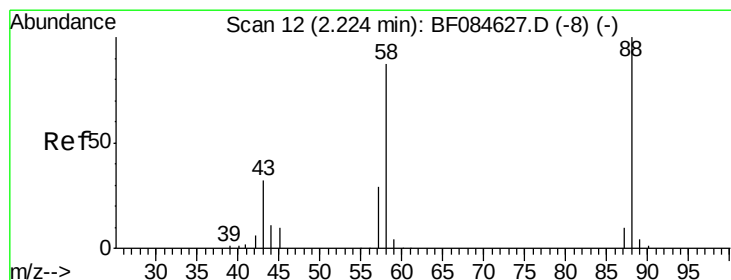
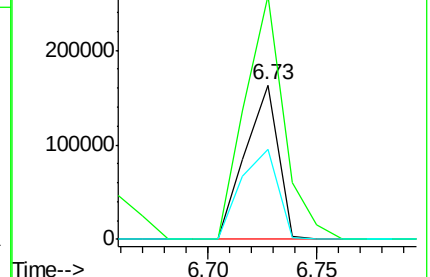
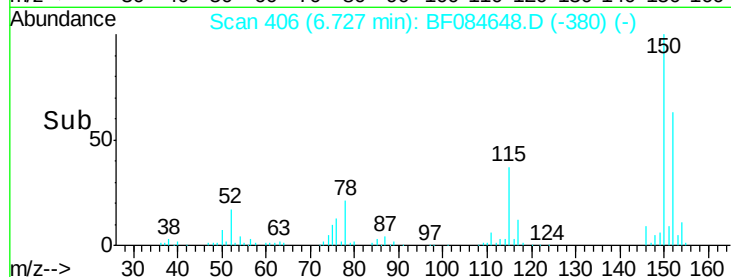
115 58.6 51.4 77.2



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: 30.77 ng

RT: 2.30 min Scan# 19

Delta R.T. 0.08 min

Lab File: BF084648.D

Acq: 29 Jan 2016 21:19

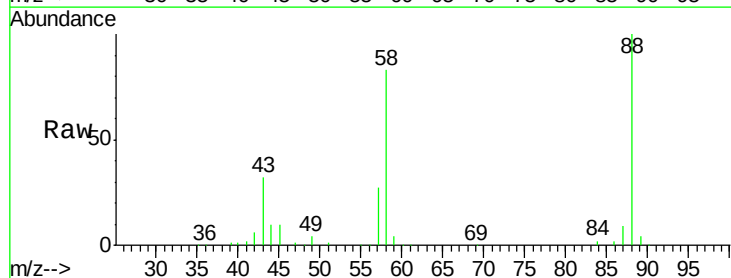
Tgt Ion: 88 Resp: 163672

Ion Ratio Lower Upper

88 100

58 84.4 51.2 76.8#

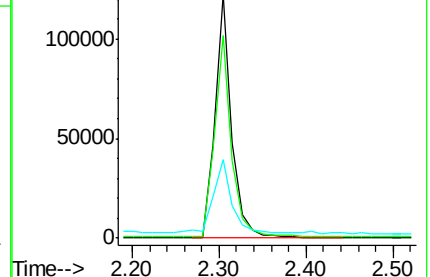
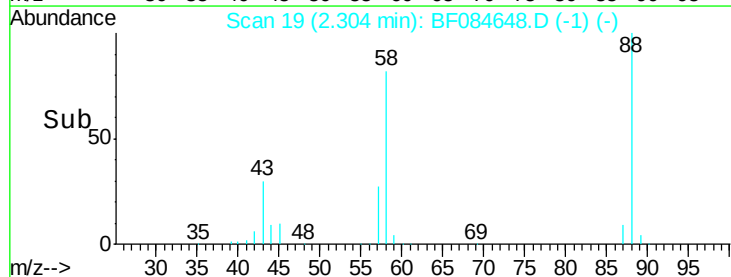
43 32.2 19.5 29.3#

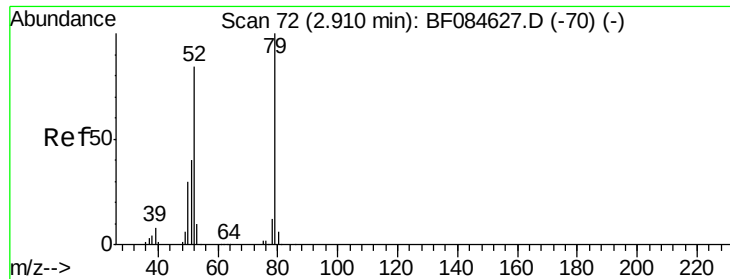


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 30.08 ng

RT: 2.98 min Scan# 78

Delta R.T. 0.07 min

Lab File: BF084648.D

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PB88084BS

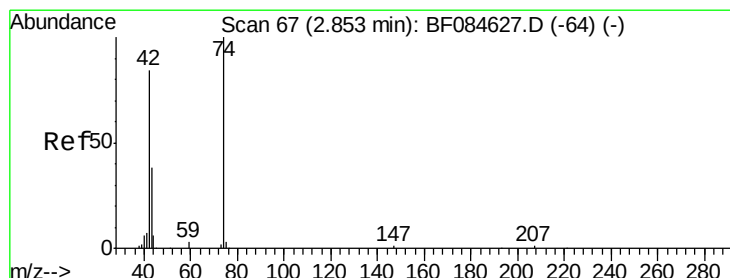
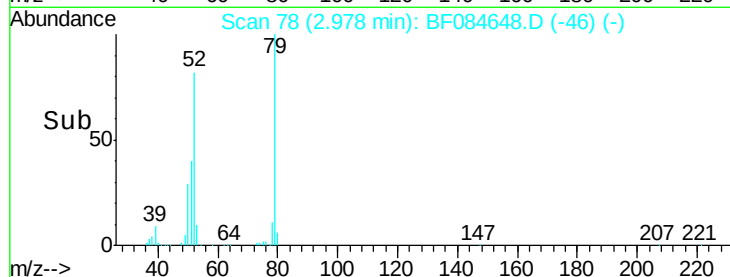
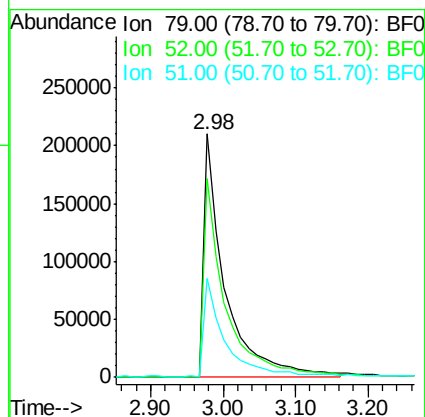
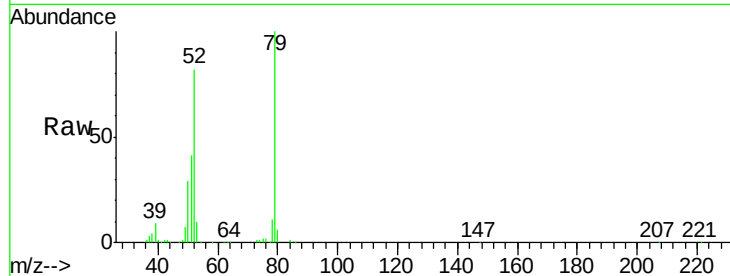
Tgt Ion: 79 Resp: 426210

Ion Ratio Lower Upper

79 100

52 81.6 49.0 73.4#

51 40.6 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 36.72 ng

RT: 2.93 min Scan# 74

Delta R.T. 0.08 min

Lab File: BF084648.D

Acq: 29 Jan 2016 21:19

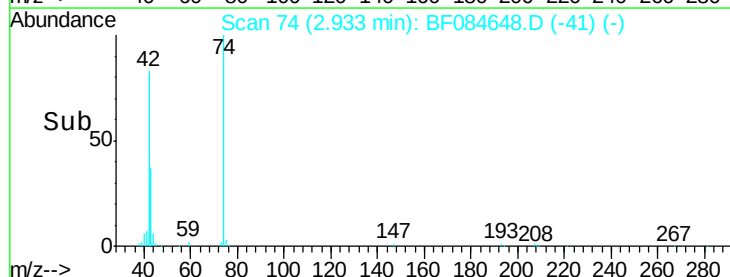
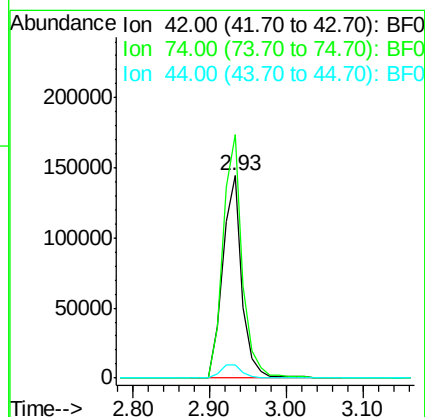
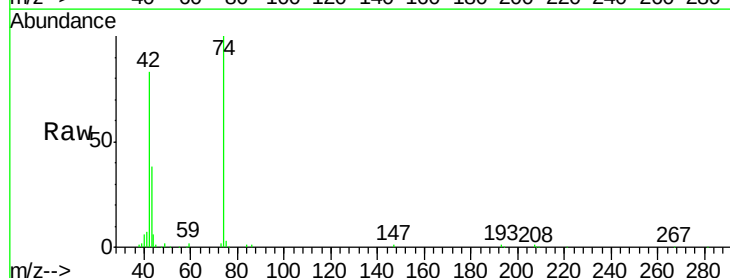
Tgt Ion: 42 Resp: 254445

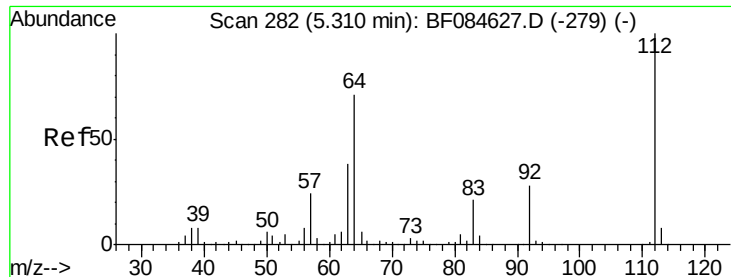
Ion Ratio Lower Upper

42 100

74 120.3 115.7 173.5

44 6.7 5.1 7.7

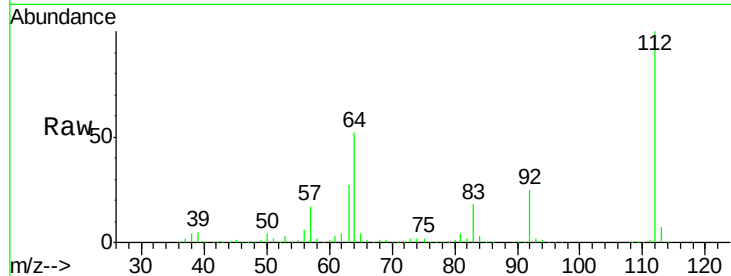




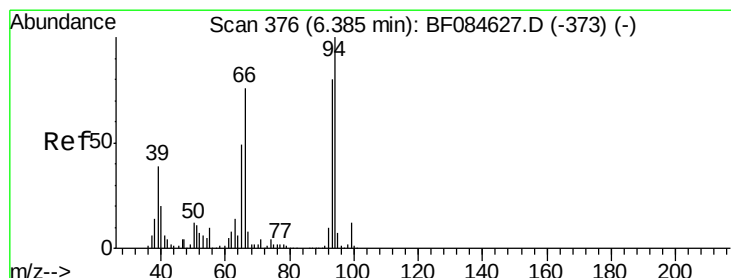
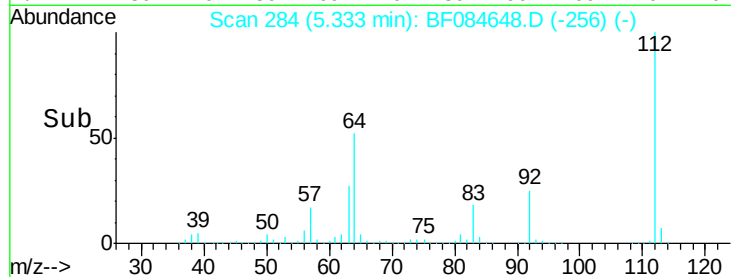
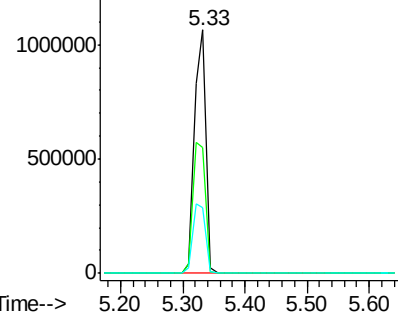
#5
 2-Fluorophenol
 Concen: 118.77 ng
 RT: 5.33 min Scan# 284
 Delta R.T. 0.02 min
 Lab File: BF084648.D
 Acq: 29 Jan 2016 21:19

Instrument :
 BNA_F
 ClientSampleId :
 PB88084BS

Tgt Ion: 112 Resp: 1354744
 Ion Ratio Lower Upper
 112 100
 64 51.9 36.6 55.0
 63 27.2 19.4 29.0

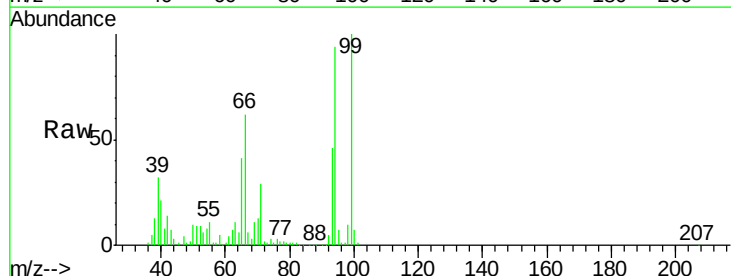


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

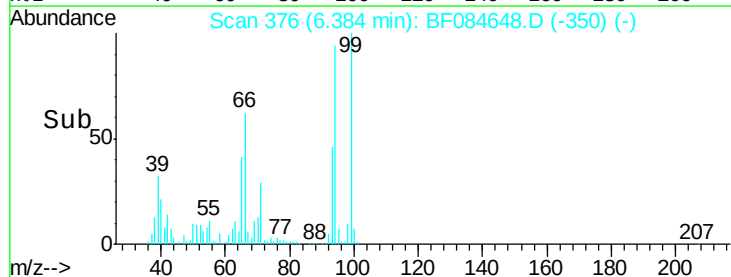
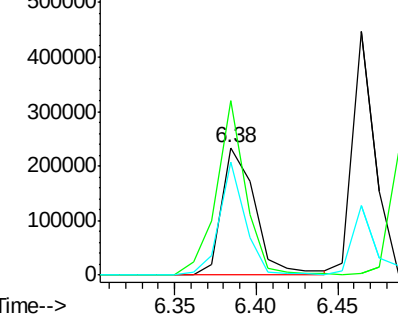


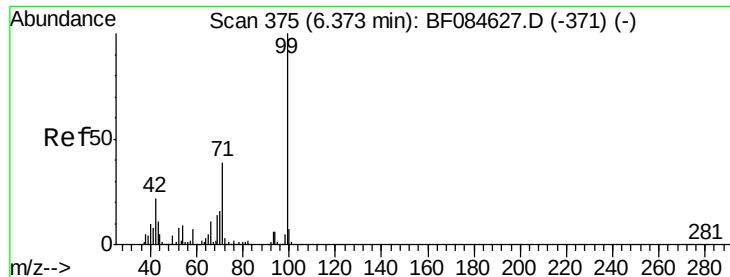
#6
 Aniline
 Concen: 18.84 ng
 RT: 6.38 min Scan# 376
 Delta R.T. -0.00 min
 Lab File: BF084648.D
 Acq: 29 Jan 2016 21:19

Tgt Ion: 93 Resp: 330566
 Ion Ratio Lower Upper
 93 100
 66 136.3 44.9 67.3#
 65 88.4 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: 114.29 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF084648.D

Acq: 29 Jan 2016 21:19

Instrument :

BNA_F

ClientSampleId :

PB88084BS

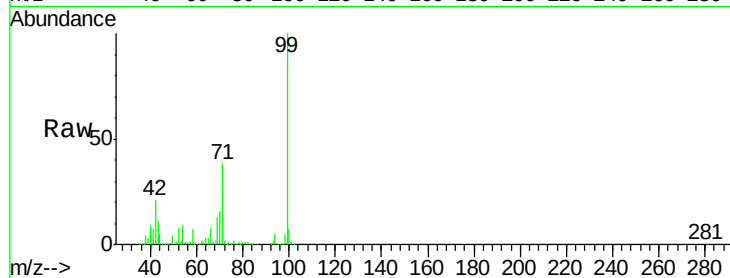
Tgt Ion: 99 Resp: 1562485

Ion Ratio Lower Upper

99 100

42 20.9 12.8 19.2#

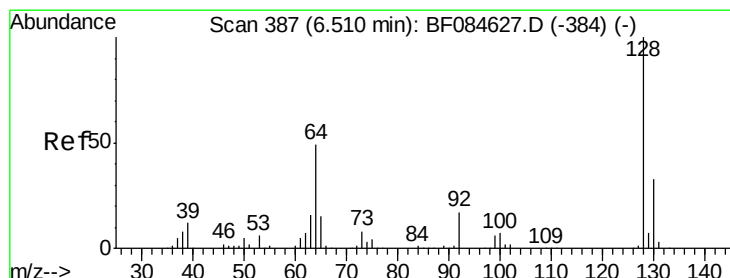
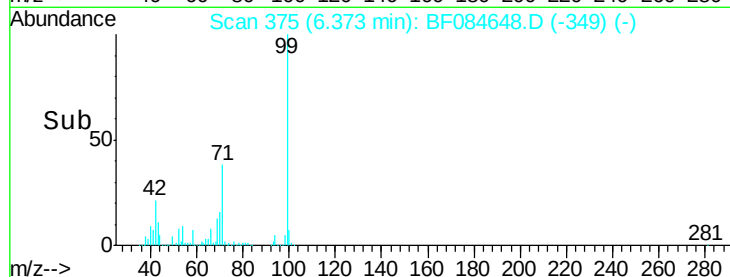
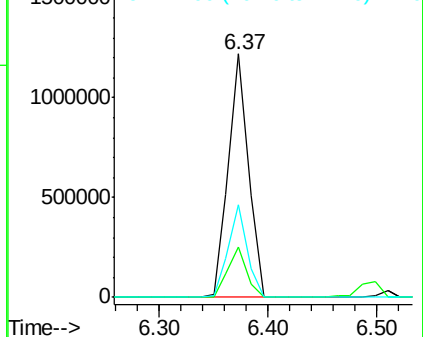
71 38.0 30.9 46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.44 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF084648.D

Acq: 29 Jan 2016 21:19

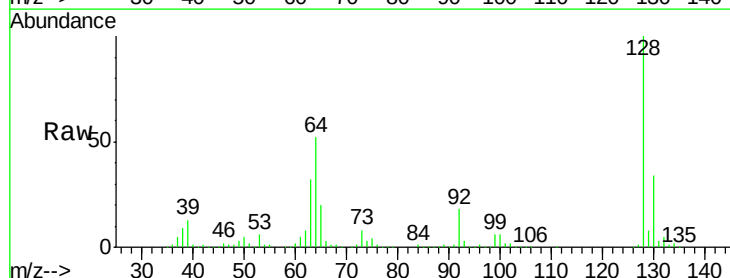
Tgt Ion: 128 Resp: 499074

Ion Ratio Lower Upper

128 100

130 33.6 11.6 51.6

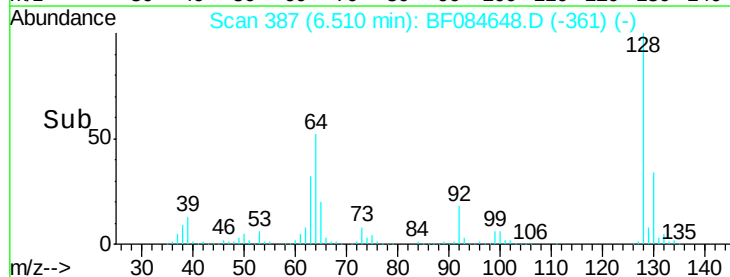
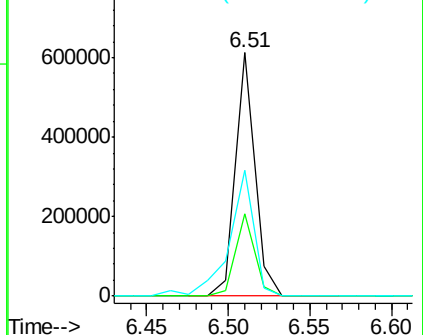
64 51.6 23.8 63.8

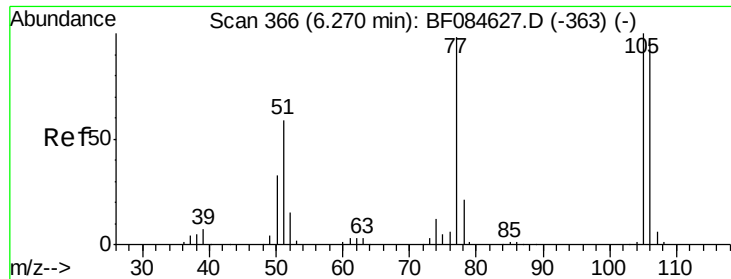


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 27.32 ng

RT: 6.27 min Scan# 366

Delta R.T. -0.00 min

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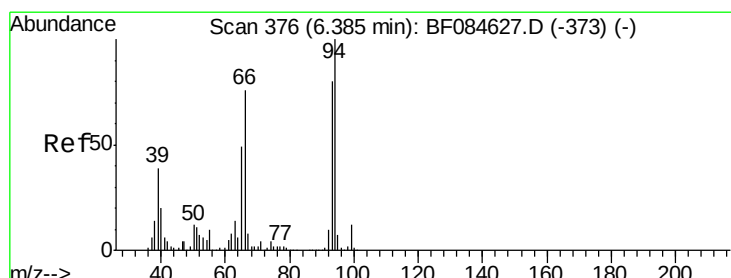
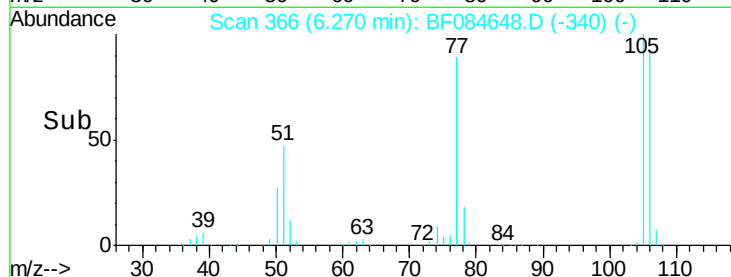
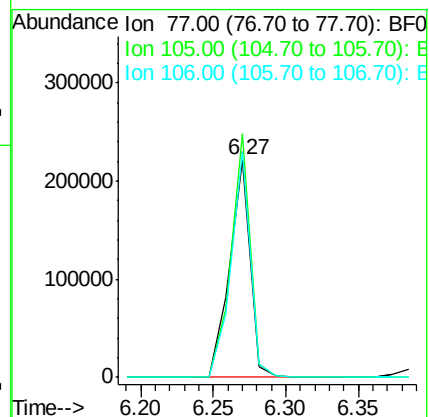
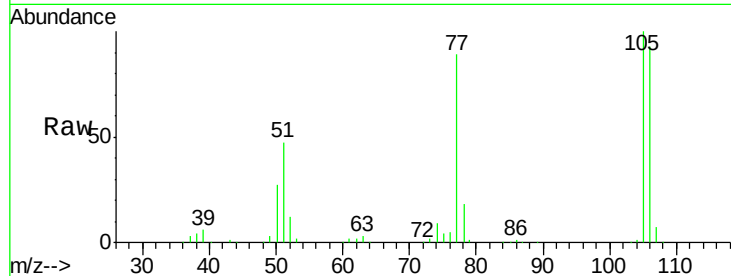
Tgt Ion: 77 Resp: 216276

Ion Ratio Lower Upper

77 100

105 112.3 83.0 123.0

106 104.3 74.6 114.6



#10

Phenol

Concen: 33.43 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF084648.D

Acq: 29 Jan 2016 21:19

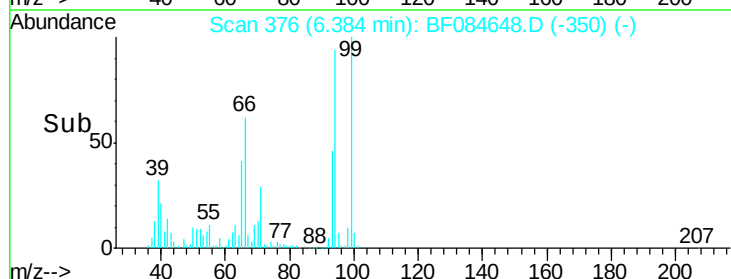
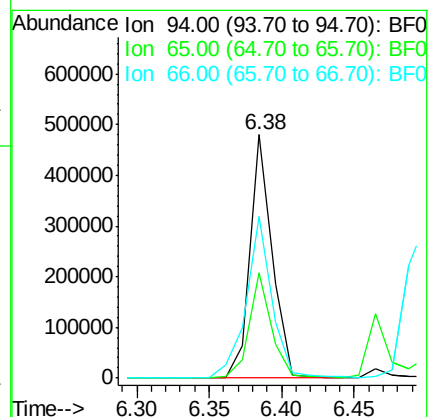
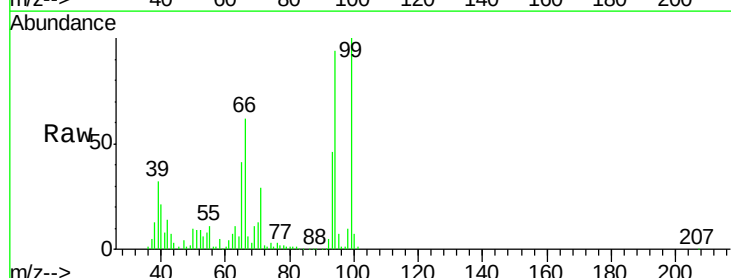
Tgt Ion: 94 Resp: 509380

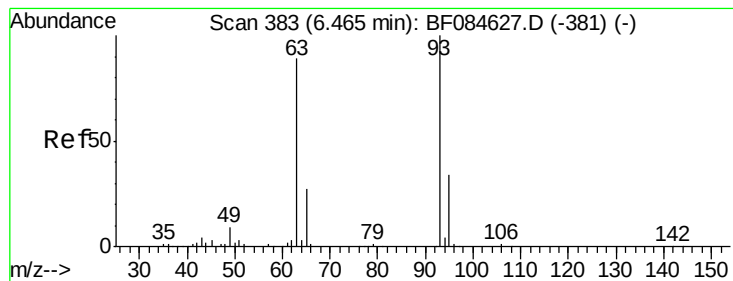
Ion Ratio Lower Upper

94 100

65 43.1 12.9 52.9

66 66.5 32.7 72.7





#11

bis(2-Chloroethyl)ether

Concen: 36.36 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF084648.D

Acq: 29 Jan 2016 21:19

Instrument :

BNA_F

ClientSampleId :

PB88084BS

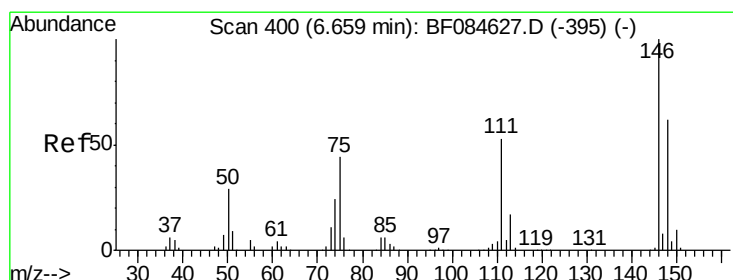
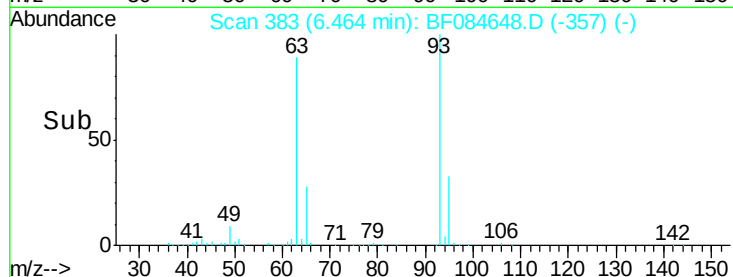
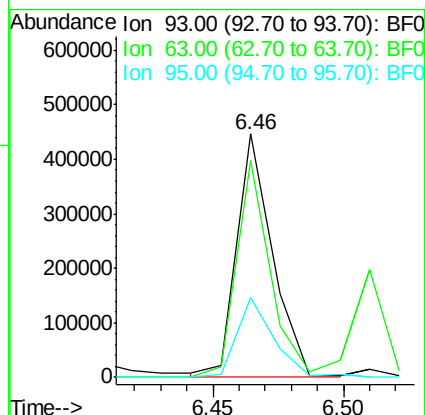
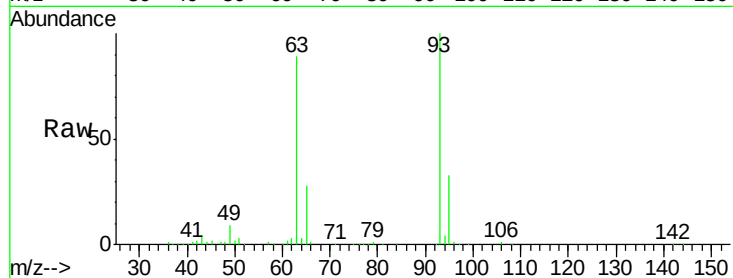
Tgt Ion: 93 Resp: 430898

Ion Ratio Lower Upper

93 100

63 89.1 45.9 85.9#

95 32.8 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 35.31 ng

RT: 6.90 min Scan# 421

Delta R.T. 0.24 min

Lab File: BF084648.D

Acq: 29 Jan 2016 21:19

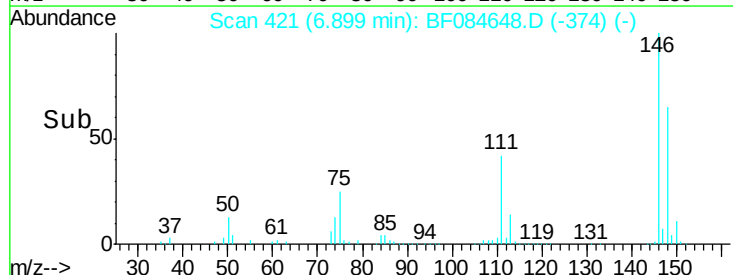
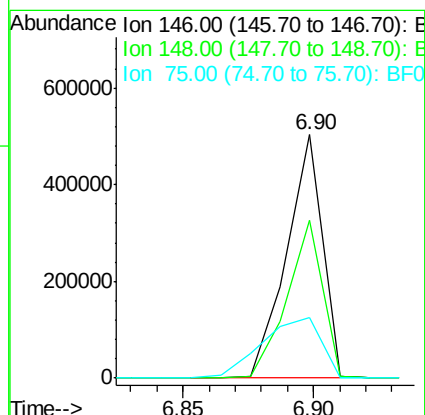
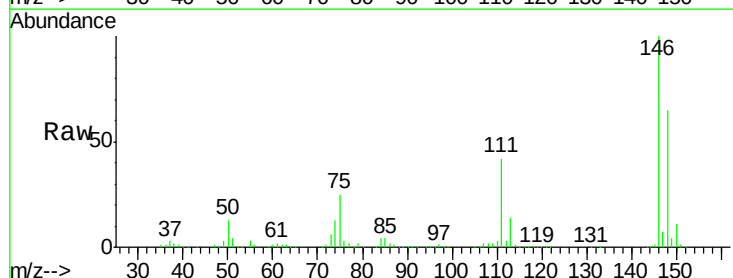
Tgt Ion: 146 Resp: 478581

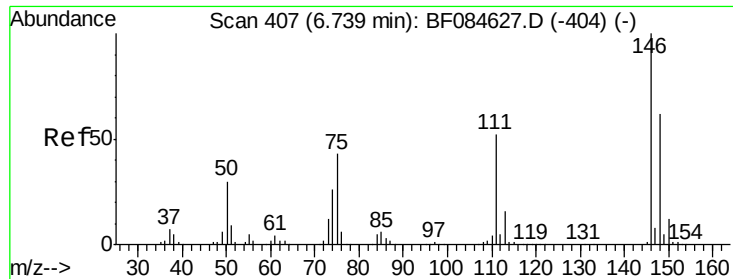
Ion Ratio Lower Upper

146 100

148 64.6 51.9 77.9

75 24.7 20.5 30.7

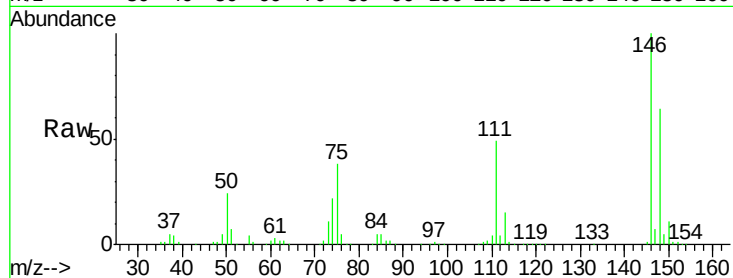




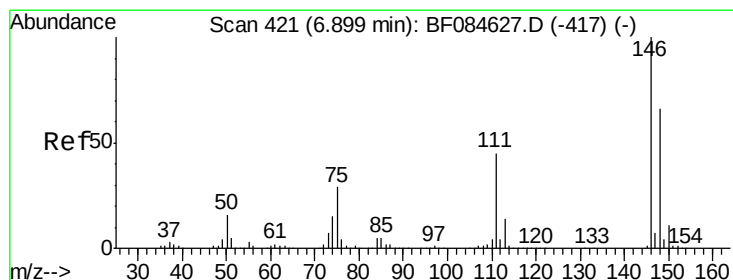
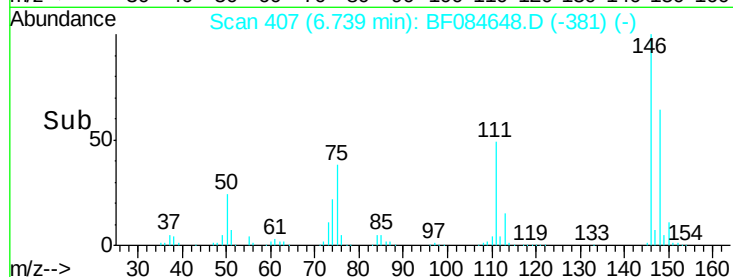
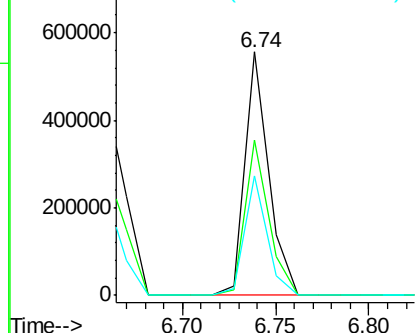
#13
 1,4-Dichlorobenzene
 Concen: 36.92 ng
 RT: 6.74 min Scan# 407
 Delta R.T. -0.00 min
 Lab File: BF084648.D
 Acq: 29 Jan 2016 21:19

Instrument :
 BNA_F
 ClientSampleId :
 PB88084BS

Tgt Ion:146 Resp: 491191
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.9 77.9
 111 49.0 41.6 62.4

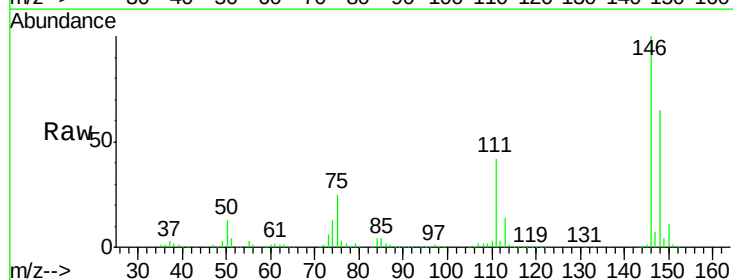


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

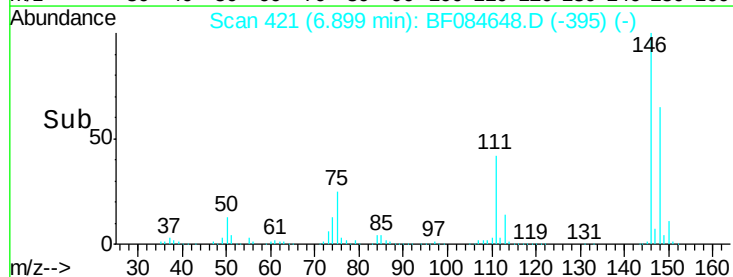
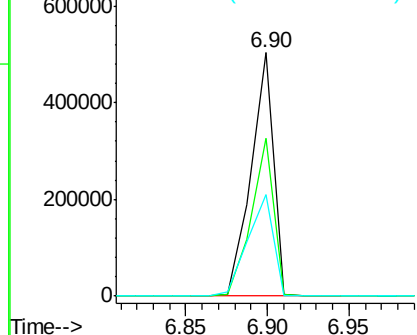


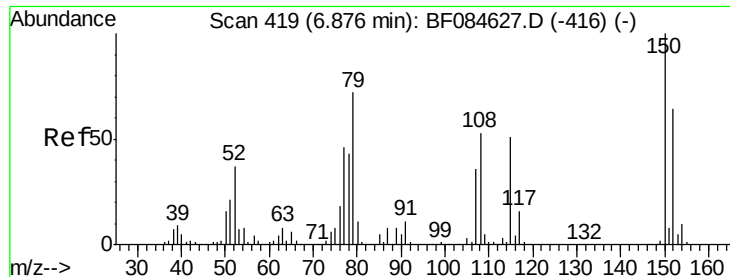
#14
 1,2-Dichlorobenzene
 Concen: 39.08 ng
 RT: 6.90 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: BF084648.D
 Acq: 29 Jan 2016 21:19

Tgt Ion:146 Resp: 478752
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.6 77.4
 111 41.5 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

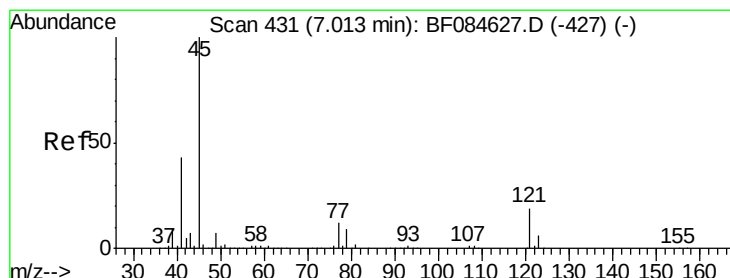
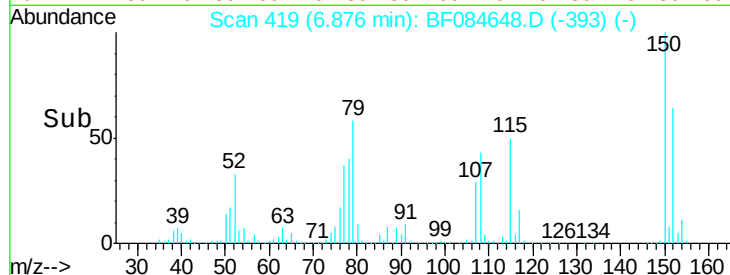
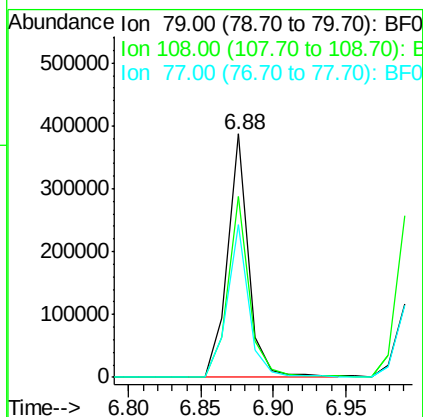
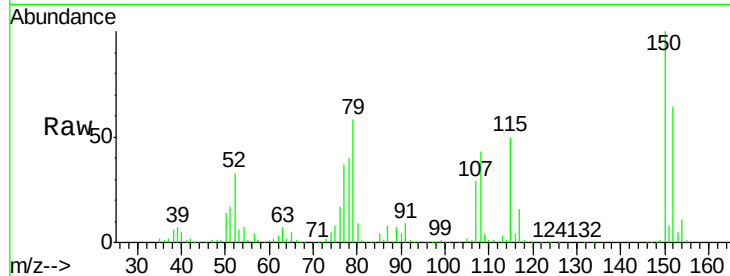




#15
Benzyl Alcohol
Concen: 42.02 ng
RT: 6.88 min Scan# 419
Delta R.T. -0.00 min
Lab File: BF084648.D
Acq: 29 Jan 2016 21:19

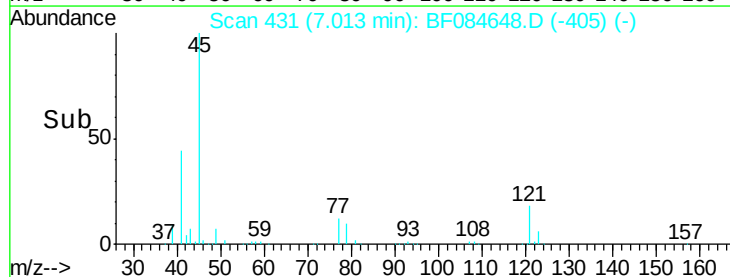
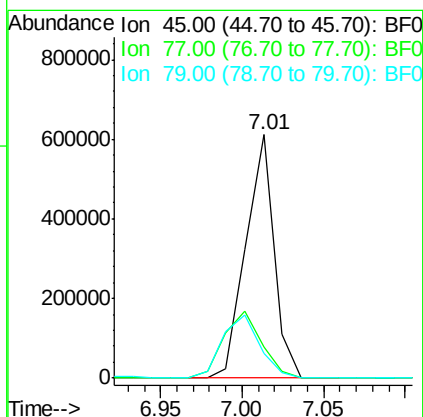
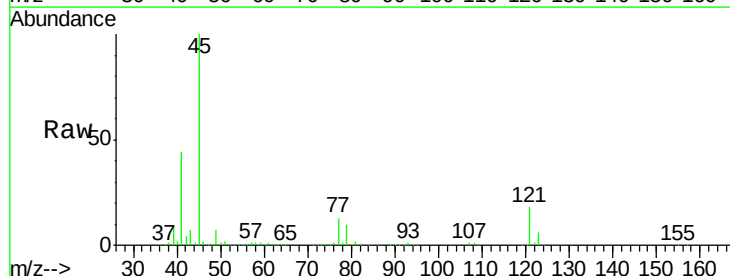
Instrument :
BNA_F
ClientSampleId :
PB88084BS

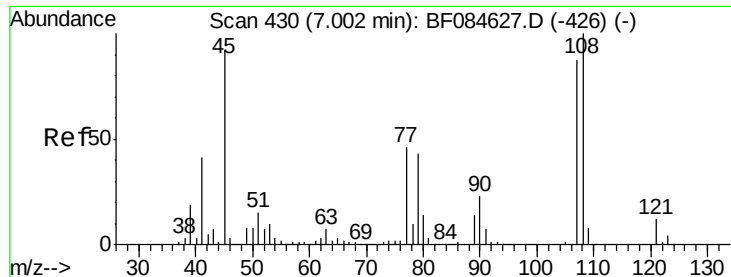
Tgt Ion: 79 Resp: 391048
Ion Ratio Lower Upper
79 100
108 74.3 69.0 103.4
77 62.8 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.02 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.00 min
Lab File: BF084648.D
Acq: 29 Jan 2016 21:19

Tgt Ion: 45 Resp: 730580
Ion Ratio Lower Upper
45 100
77 12.6 0.0 39.6
79 10.1 0.0 35.0

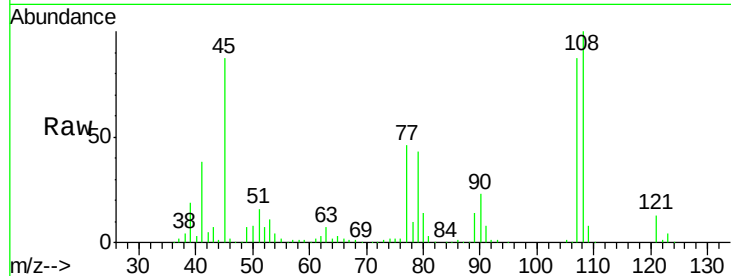




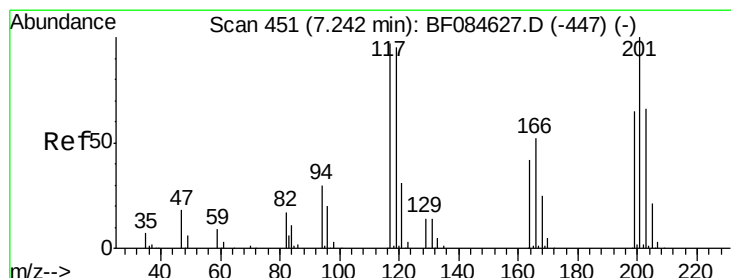
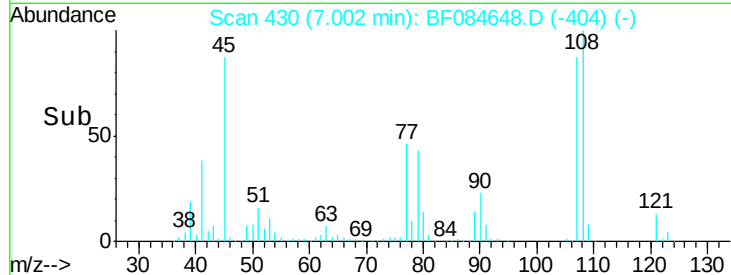
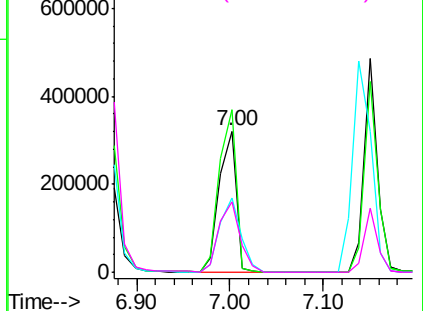
#17
2-Methylphenol
Concen: 41.34 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF084648.D
Acq: 29 Jan 2016 21:19

Instrument :
BNA_F
ClientSampleId :
PB88084BS

Tgt Ion:	107	Resp:	405507
Ion	Ratio	Lower	Upper
107	100		
108	114.9	89.8	134.6
77	52.4	35.7	53.5
79	49.6	35.7	53.5

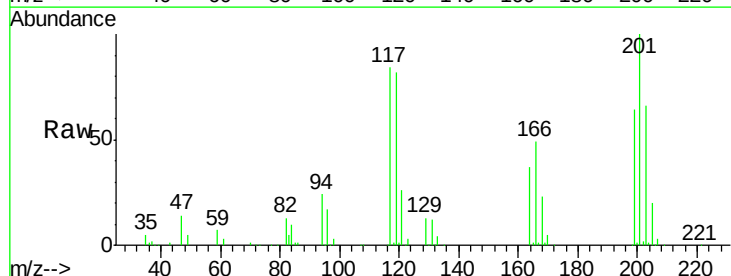


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

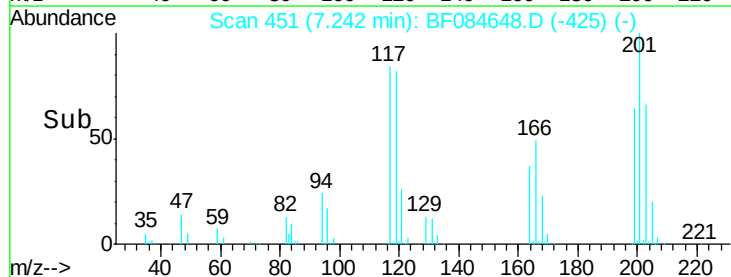
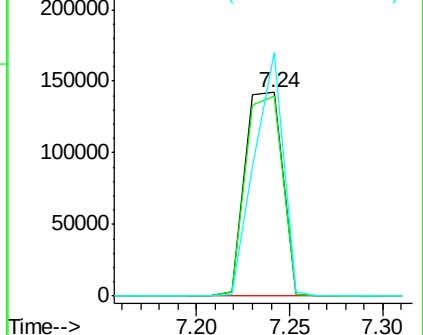


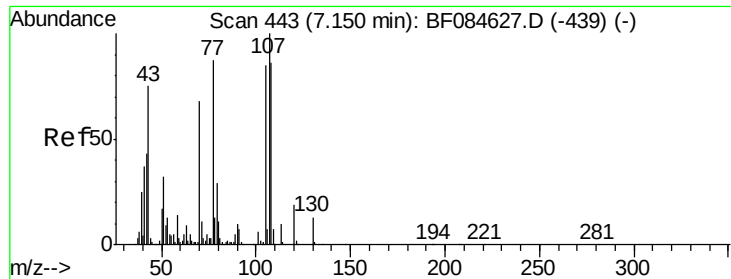
#18
Hexachloroethane
Concen: 37.75 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF084648.D
Acq: 29 Jan 2016 21:19

Tgt Ion:	117	Resp:	196456
Ion	Ratio	Lower	Upper
117	100		
119	98.3	77.4	116.0
201	119.7	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

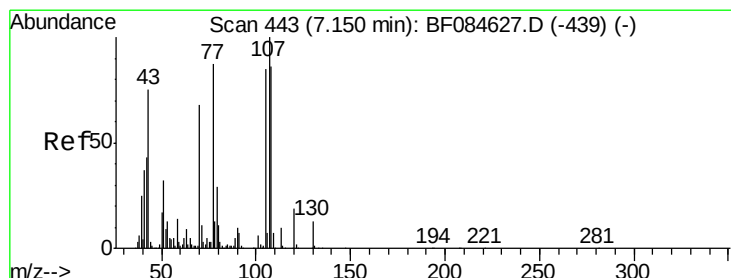
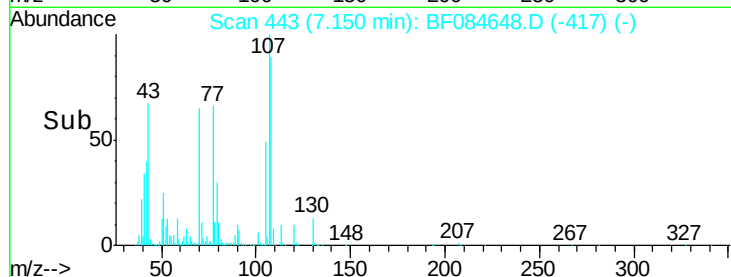
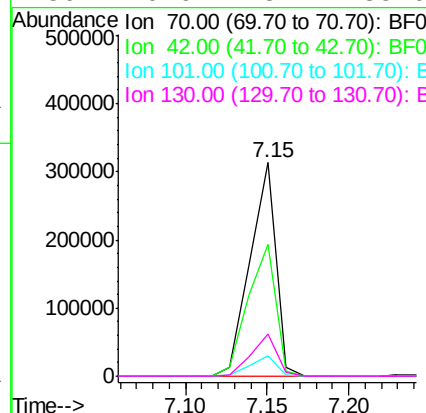
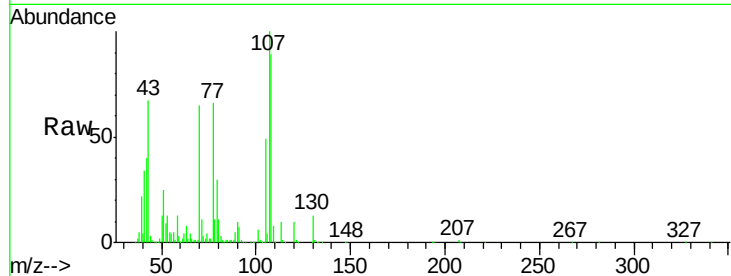




#19
n-Nitroso-di-n-propylamine
Concen: 41.13 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF084648.D
Acq: 29 Jan 2016 21:19

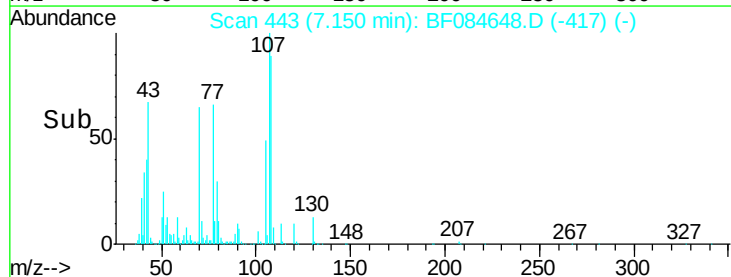
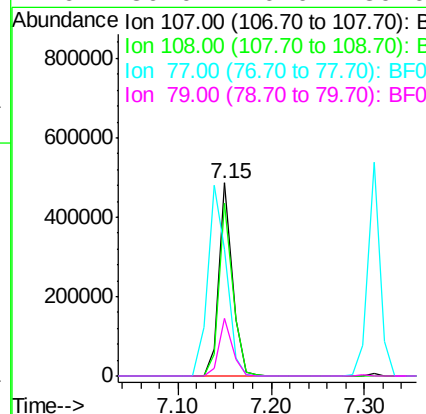
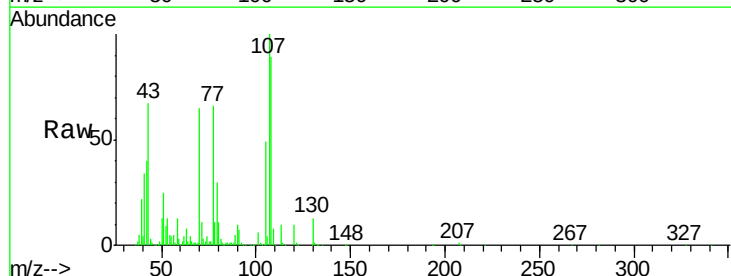
Instrument :
BNA_F
ClientSampleId :
PB88084BS

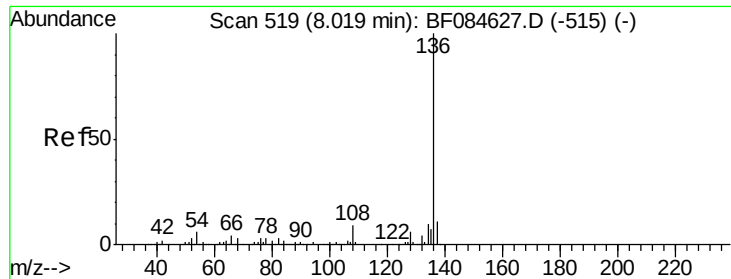
Tgt Ion: 70 Resp: 343475
Ion Ratio Lower Upper
70 100
42 62.0 33.3 49.9#
101 9.7 9.3 13.9
130 19.9 23.4 35.0#



#20
3+4-Methylphenols
Concen: 41.03 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF084648.D
Acq: 29 Jan 2016 21:19

Tgt Ion: 107 Resp: 488370
Ion Ratio Lower Upper
107 100
108 89.3 74.6 114.6
77 65.8 0.7 40.7#
79 30.0 0.0 39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF084648.D

Acq: 29 Jan 2016 21:19

Instrument :

BNA_F

ClientSampleId :

PB88084BS

Tgt Ion:136 Resp: 687774

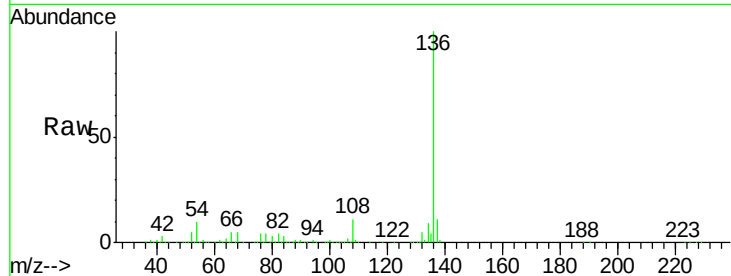
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 9.9 5.8 8.8#

68 5.2 4.2 6.2

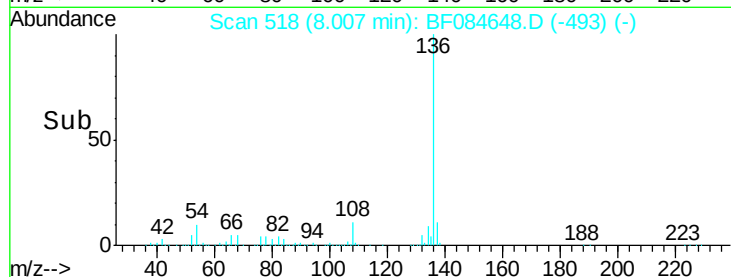


Abundance Ion 136.00 (135.70 to 136.70): E

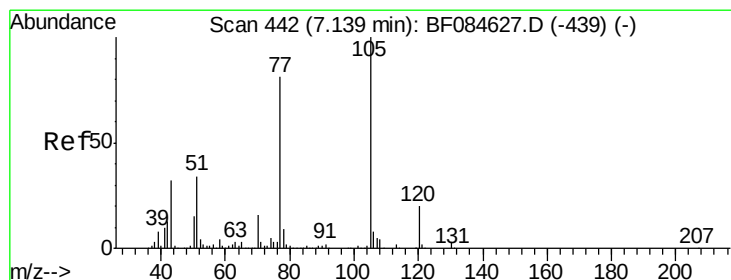
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 37.49 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF084648.D

Acq: 29 Jan 2016 21:19

Tgt Ion:105 Resp: 673387

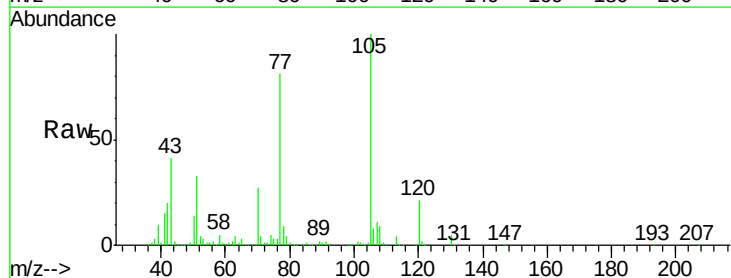
Ion Ratio Lower Upper

105 100

71 4.4 3.7 5.5

51 32.8 25.1 37.7

120 20.7 16.6 25.0

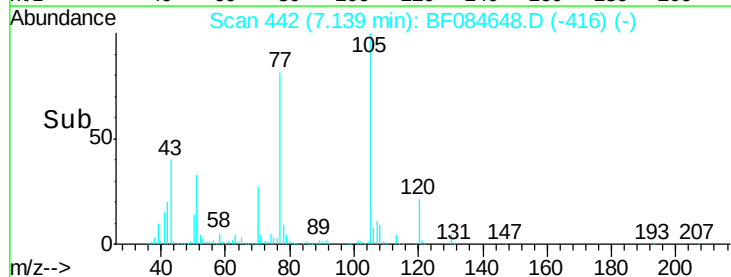


Abundance Ion 105.00 (104.70 to 105.70): E

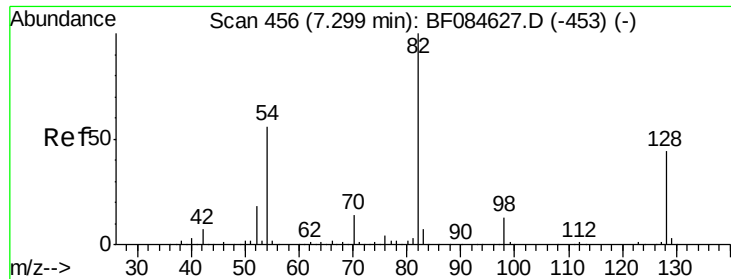
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



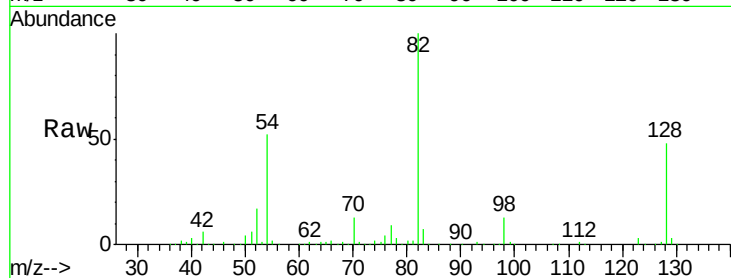
Time-->



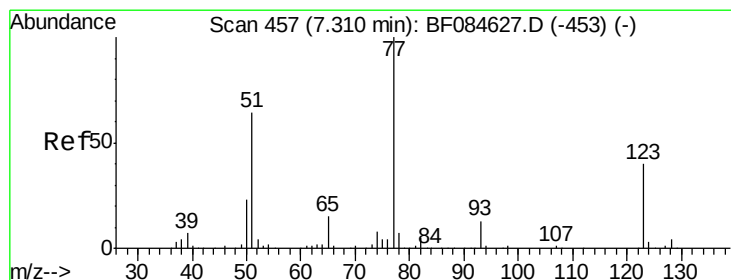
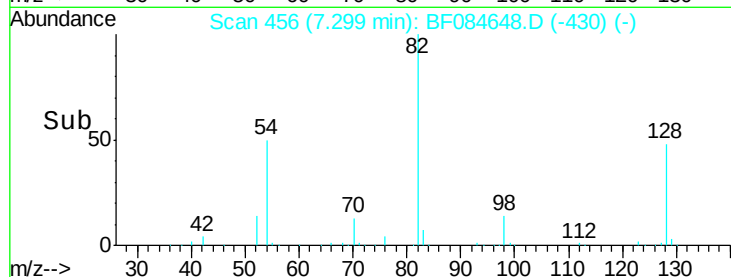
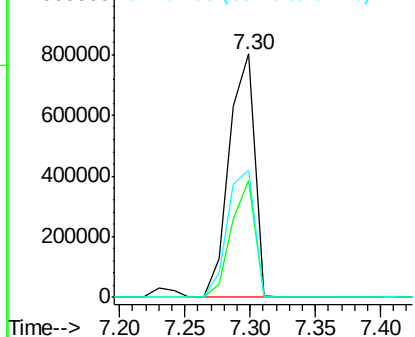
#23
 Nitrobenzene-d5
 Concen: 87.41 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.00 min
 Lab File: BF084648.D
 Acq: 29 Jan 2016 21:19

Instrument :
 BNA_F
 ClientSampleId :
 PB88084BS

Tgt Ion: 82 Resp: 1075736
 Ion Ratio Lower Upper
 82 100
 128 47.8 34.6 51.8
 54 52.1 38.4 57.6

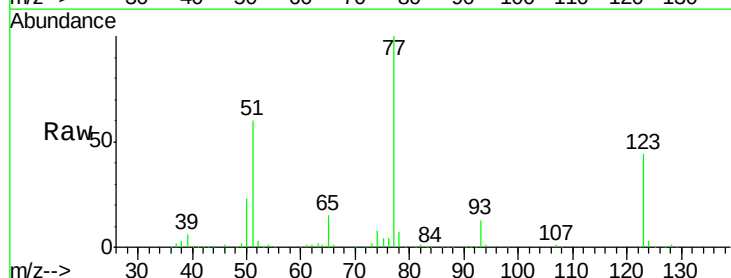


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

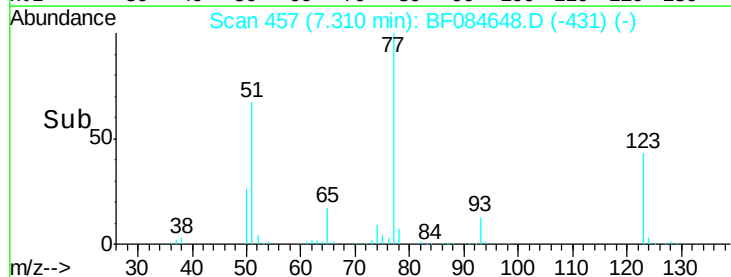
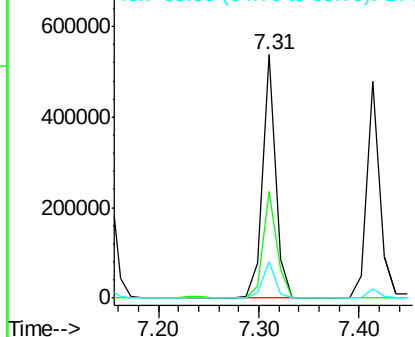


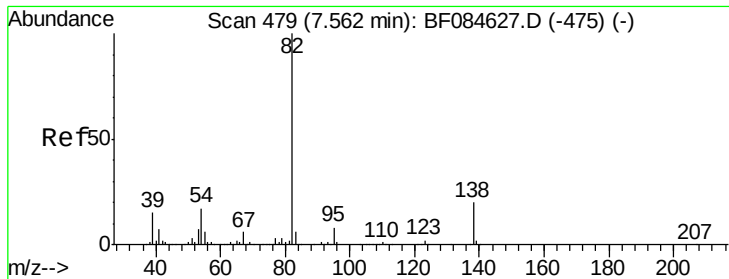
#24
 Nitrobenzene
 Concen: 37.06 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.00 min
 Lab File: BF084648.D
 Acq: 29 Jan 2016 21:19

Tgt Ion: 77 Resp: 484763
 Ion Ratio Lower Upper
 77 100
 123 43.6 37.4 56.2
 65 14.7 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: 40.46 ng

RT: 7.55 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF084648.D

Acq: 29 Jan 2016 21:19

Instrument :

BNA_F

ClientSampleId :

PB88084BS

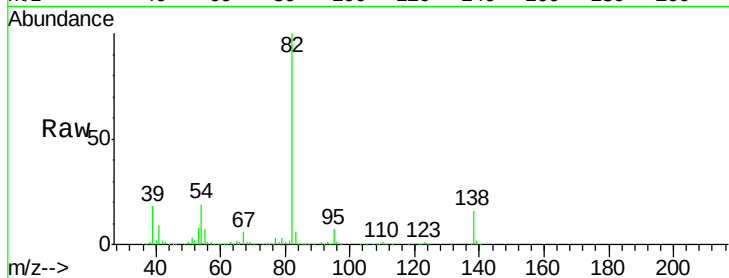
Tgt Ion: 82 Resp: 932979

Ion Ratio Lower Upper

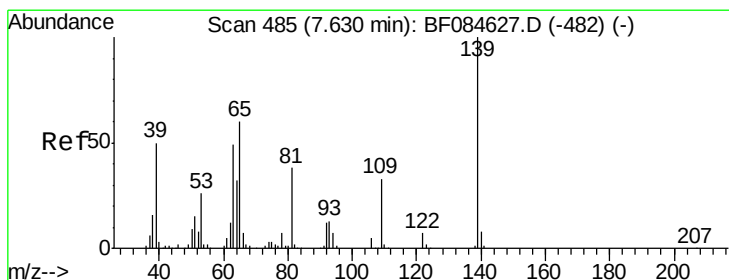
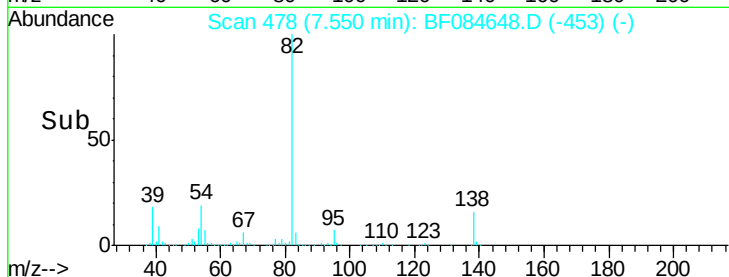
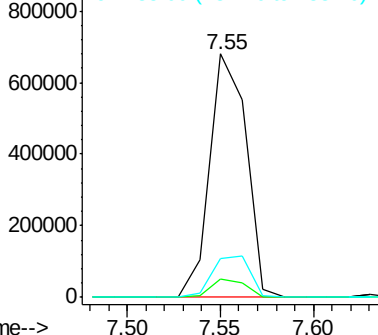
82 100

95 7.3 6.6 10.0

138 15.9 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: 42.88 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.00 min

Lab File: BF084648.D

Acq: 29 Jan 2016 21:19

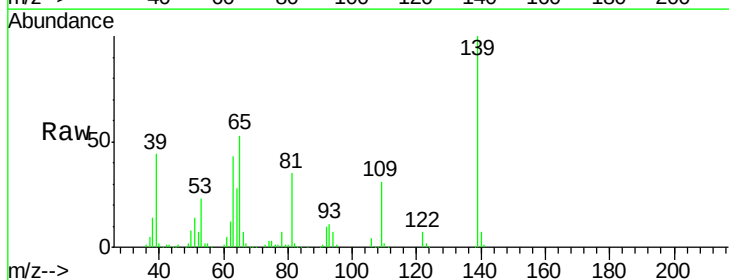
Tgt Ion: 139 Resp: 266758

Ion Ratio Lower Upper

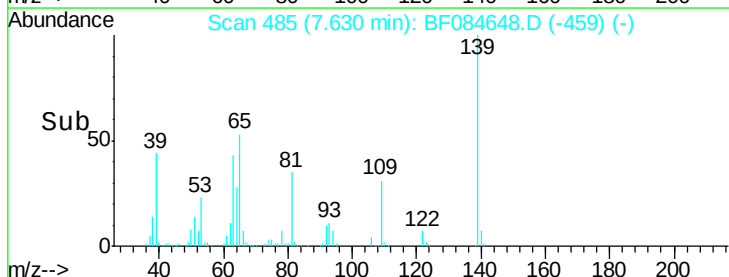
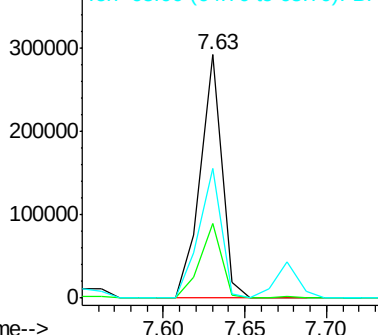
139 100

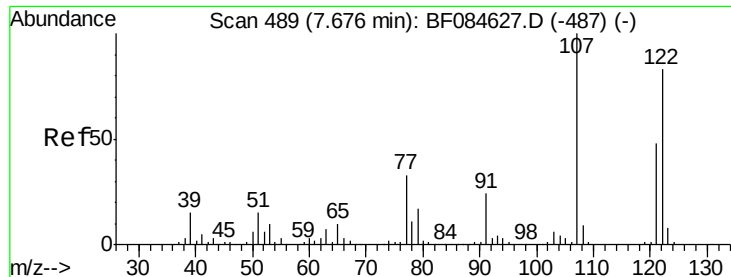
109 30.6 25.4 38.2

65 53.3 32.3 48.5#



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





#27

2,4-Dimethylphenol

Concen: 40.99 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.00 min

Lab File: BF084648.D

Acq: 29 Jan 2016 21:19

Instrument :

BNA_F

ClientSampleId :

PB88084BS

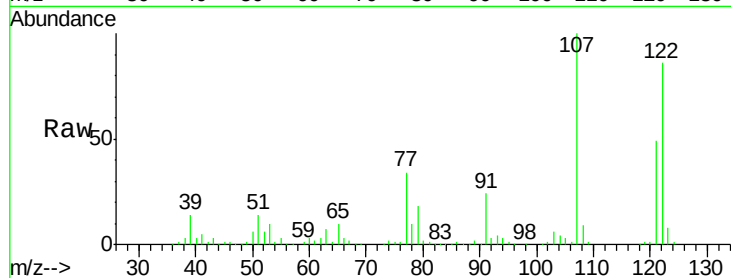
Tgt Ion:122 Resp: 446813

Ion Ratio Lower Upper

122 100

107 116.5 99.1 148.7

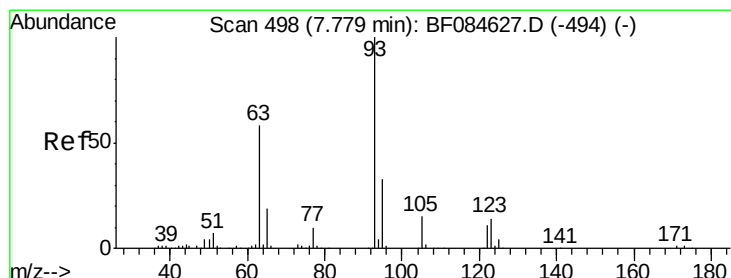
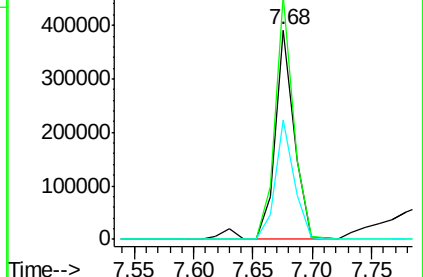
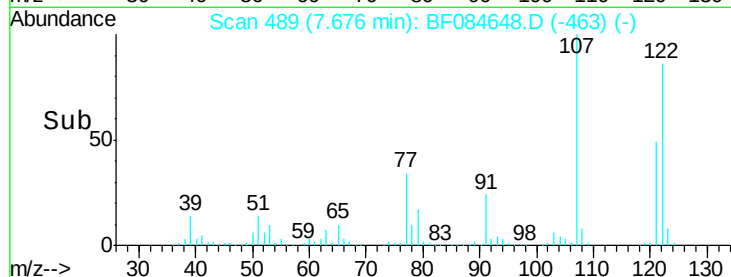
121 57.2 47.9 71.9



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: 40.00 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF084648.D

Acq: 29 Jan 2016 21:19

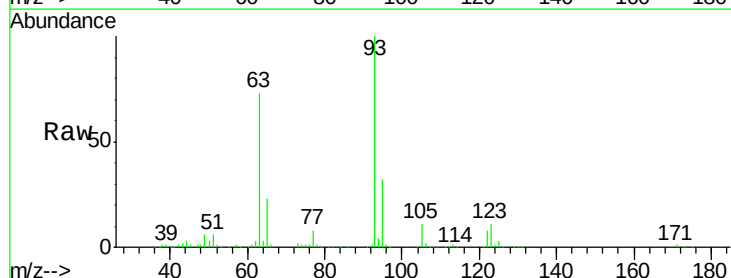
Tgt Ion: 93 Resp: 553556

Ion Ratio Lower Upper

93 100

95 32.3 25.8 38.6

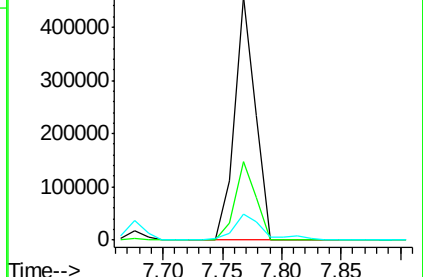
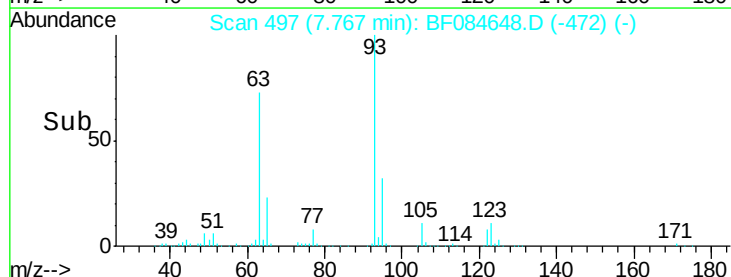
123 10.7 8.6 12.8

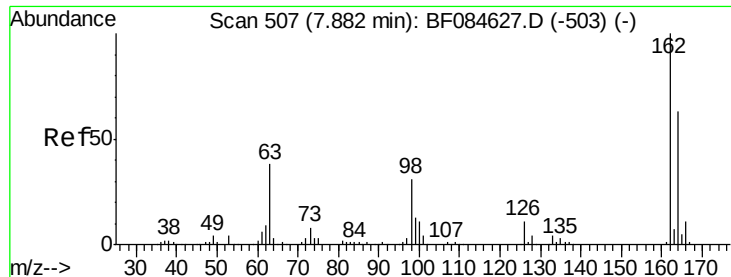


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

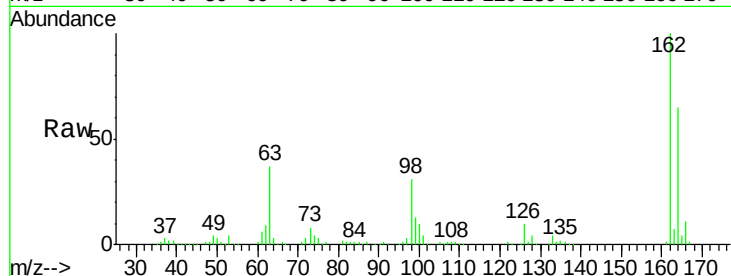




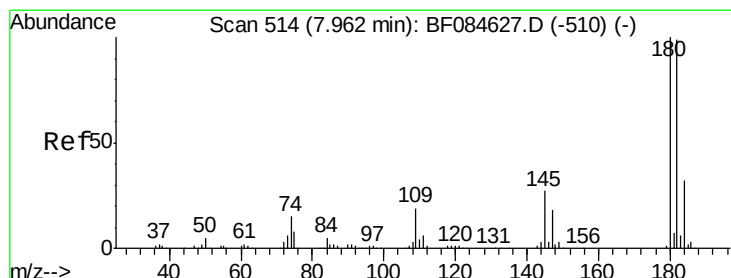
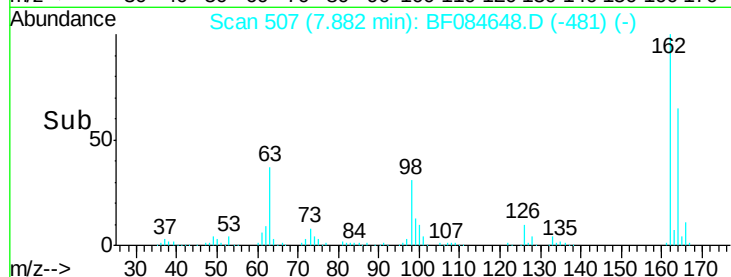
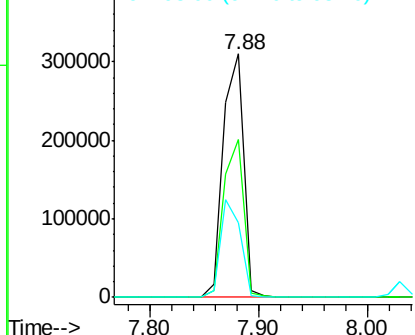
#29
 2,4-Dichlorophenol
 Concen: 42.23 ng
 RT: 7.88 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: BF084648.D
 Acq: 29 Jan 2016 21:19

Instrument :
 BNA_F
 ClientSampleId :
 PB88084BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.1	84.1
98	30.5	20.2	60.2

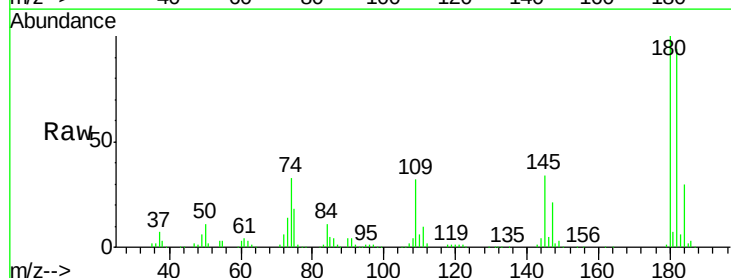


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

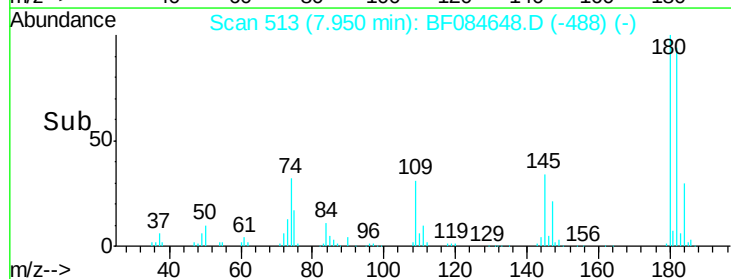
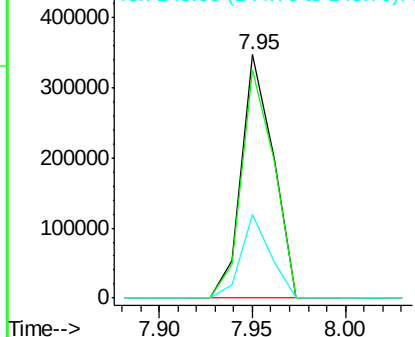


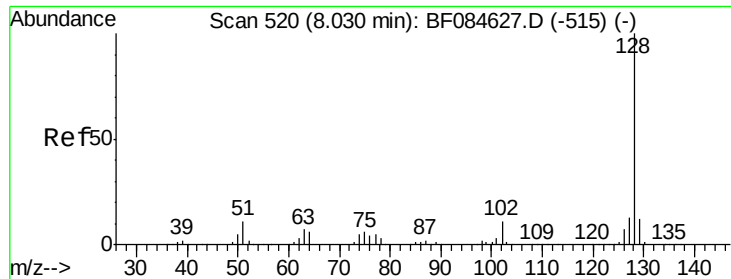
#30
 1,2,4-Trichlorobenzene
 Concen: 37.79 ng
 RT: 7.95 min Scan# 513
 Delta R.T. -0.01 min
 Lab File: BF084648.D
 Acq: 29 Jan 2016 21:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.4	114.6
145	34.3	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

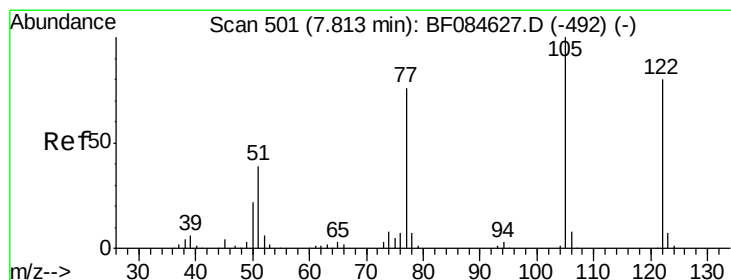
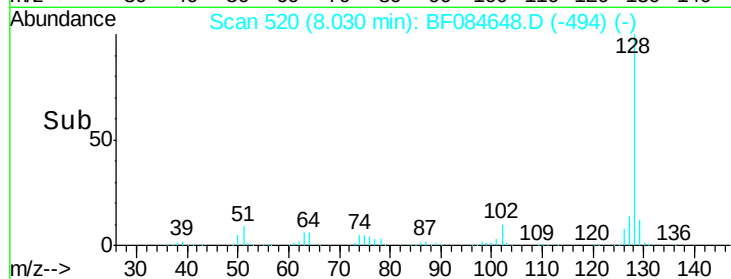
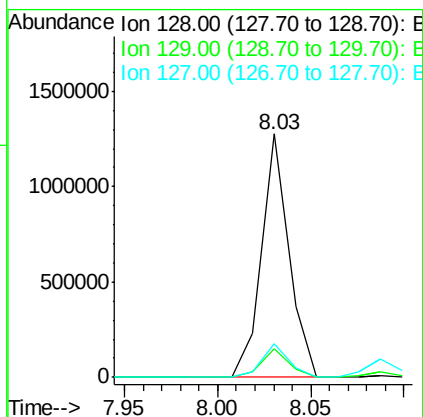
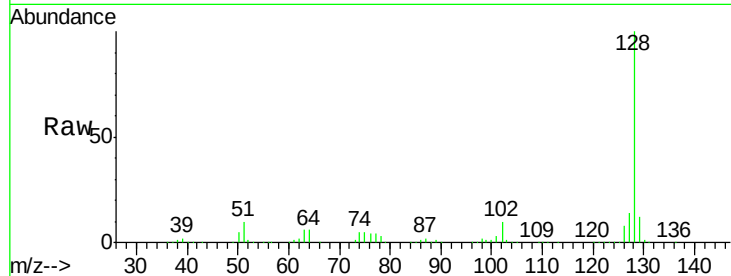




#31
Naphthalene
Concen: 37.27 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.00 min
Lab File: BF084648.D
Acq: 29 Jan 2016 21:19

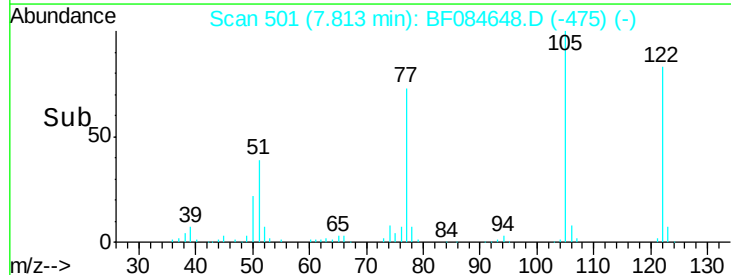
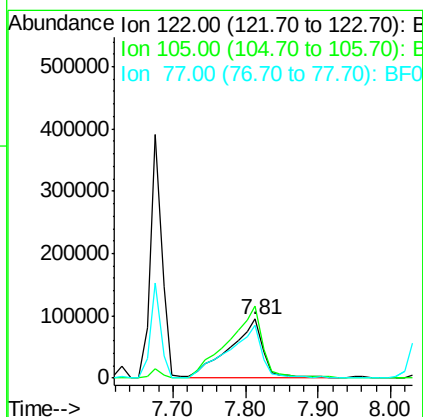
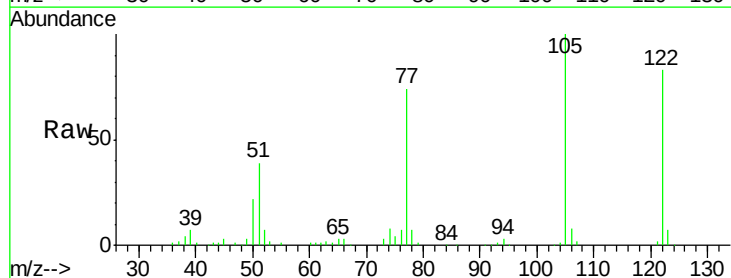
Instrument :
BNA_F
ClientSampleId :
PB88084BS

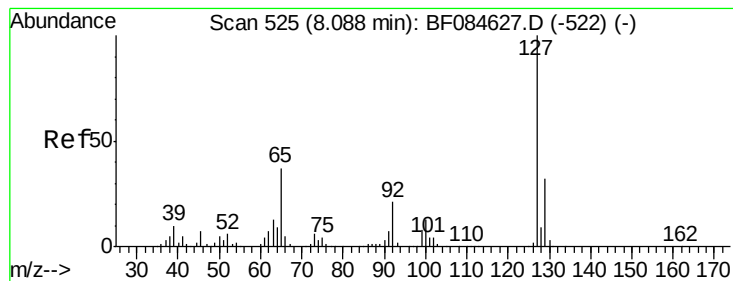
Tgt Ion:128 Resp: 1293895
Ion Ratio Lower Upper
128 100
129 11.7 9.1 13.7
127 14.1 11.1 16.7



#32
Benzoic acid
Concen: 35.82 ng
RT: 7.81 min Scan# 501
Delta R.T. -0.00 min
Lab File: BF084648.D
Acq: 29 Jan 2016 21:19

Tgt Ion:122 Resp: 299700
Ion Ratio Lower Upper
122 100
105 121.1 100.3 140.3
77 90.0 63.5 103.5





#33

4-Chloroaniline

Concen: 9.50 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF084648.D

Acq: 29 Jan 2016 21:19

Instrument :

BNA_F

ClientSampleId :

PB88084BS

Tgt Ion:127 Resp: 134135

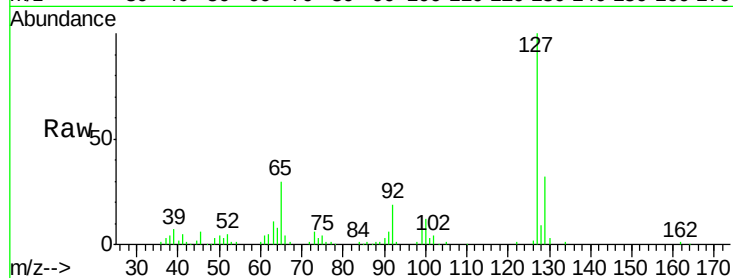
Ion Ratio Lower Upper

127 100

129 32.5 26.5 39.7

65 30.2 27.2 40.8

92 19.5 17.7 26.5

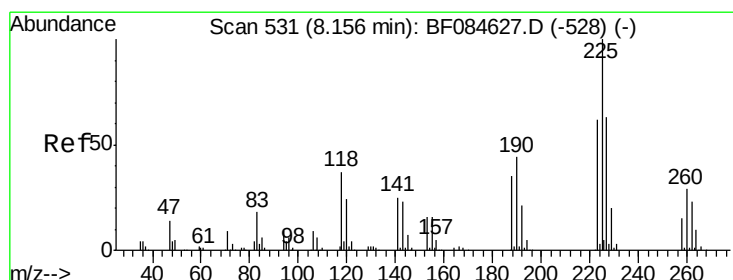
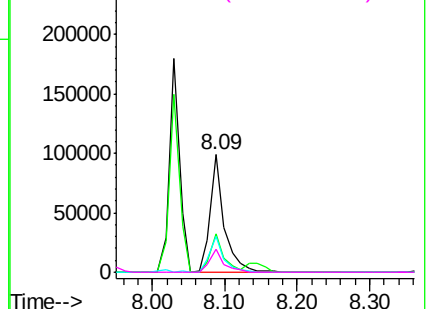
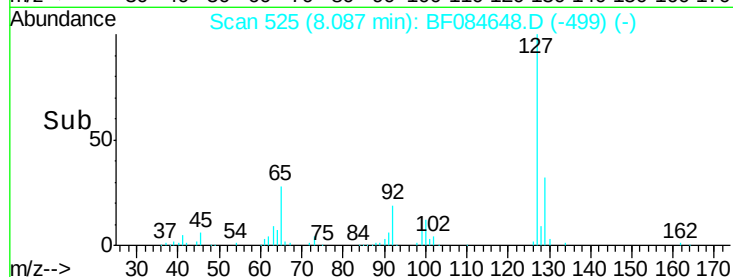


Abundance Ion 127.00 (126.70 to 127.70): E

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: 39.28 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF084648.D

Acq: 29 Jan 2016 21:19

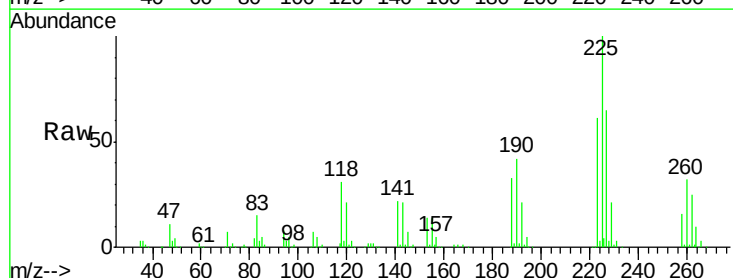
Tgt Ion:225 Resp: 253096

Ion Ratio Lower Upper

225 100

223 60.9 49.4 74.0

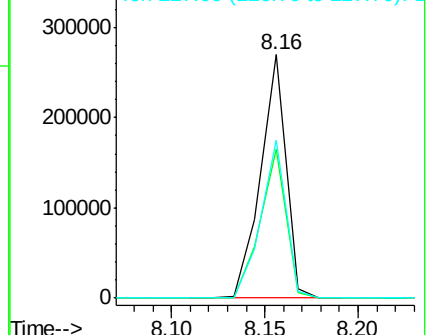
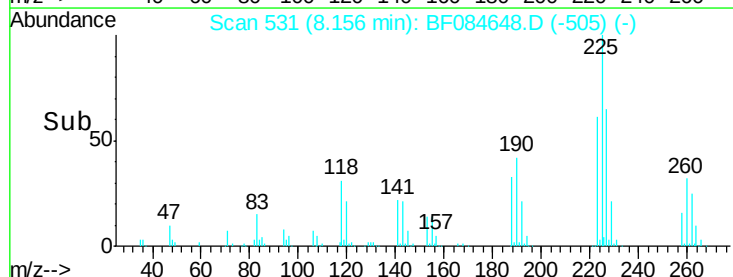
227 64.7 50.8 76.2

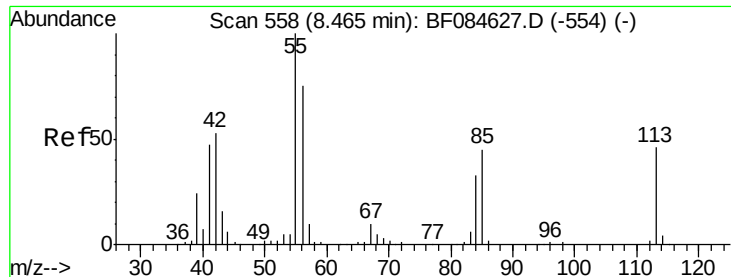


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 33.65 ng

RT: 8.46 min Scan# 558

Delta R.T. -0.00 min

Lab File: BF084648.D

Acq: 29 Jan 2016 21:19

Instrument :

BNA_F

ClientSampleId :

PB88084BS

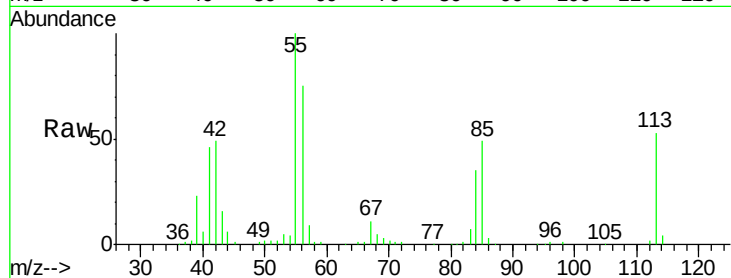
Tgt Ion:113 Resp: 92051

Ion Ratio Lower Upper

113 100

55 189.3 116.9 156.9#

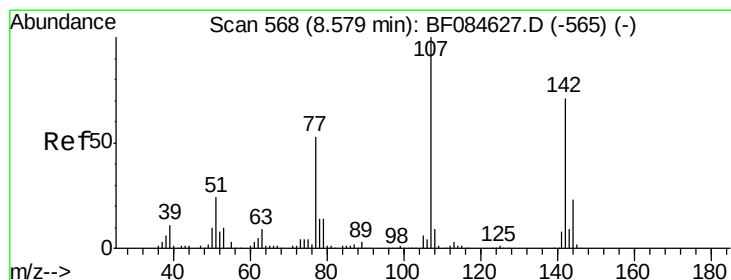
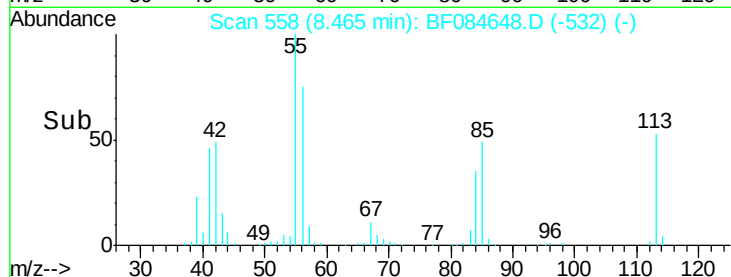
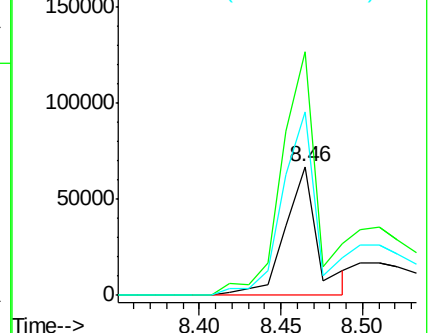
56 142.4 93.8 133.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 44.79 ng

RT: 8.58 min Scan# 568

Delta R.T. -0.00 min

Lab File: BF084648.D

Acq: 29 Jan 2016 21:19

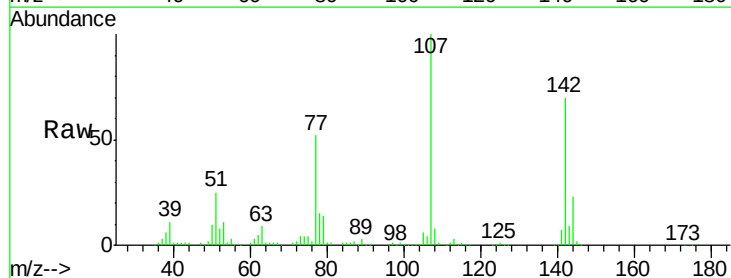
Tgt Ion:107 Resp: 470115

Ion Ratio Lower Upper

107 100

144 23.4 19.7 29.5

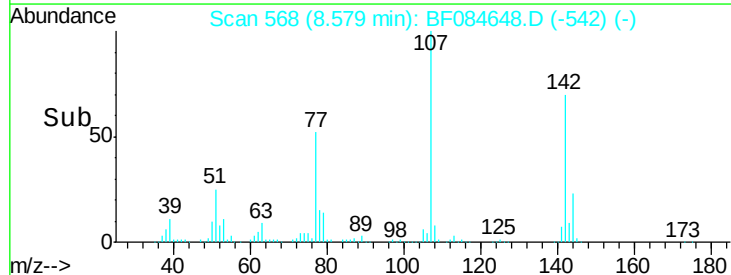
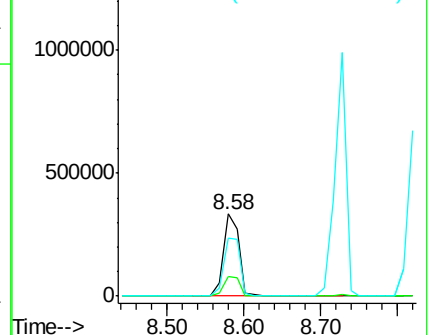
142 70.4 61.8 92.6

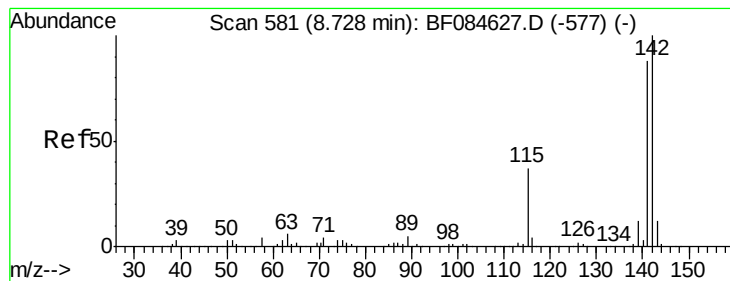


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 46.19 ng

RT: 8.73 min Scan# 581

Delta R.T. -0.00 min

Lab File: BF084648.D

Acq: 29 Jan 2016 21:19

Instrument :

BNA_F

ClientSampleId :

PB88084BS

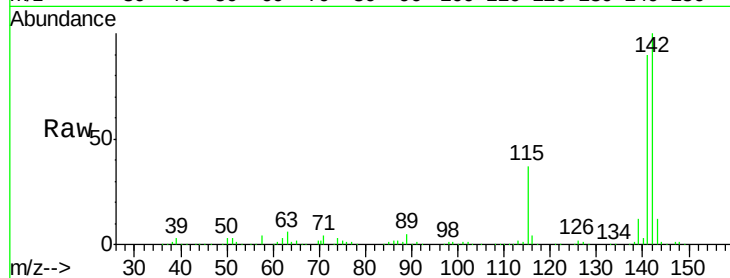
Tgt Ion:142 Resp: 984410

Ion Ratio Lower Upper

142 100

141 89.6 72.4 108.6

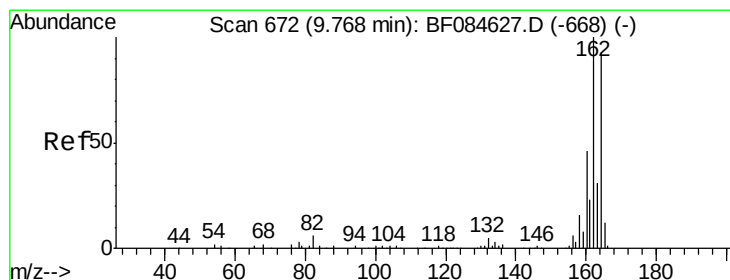
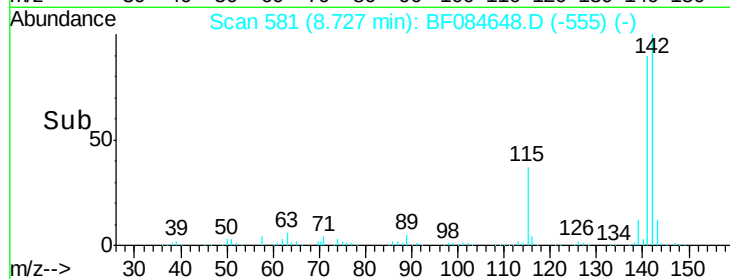
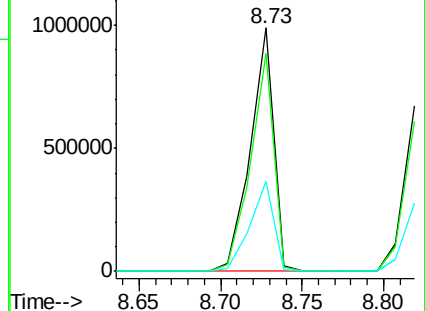
115 37.0 27.9 41.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.00 min

Lab File: BF084648.D

Acq: 29 Jan 2016 21:19

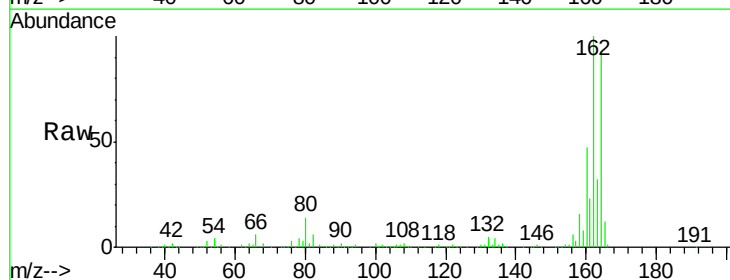
Tgt Ion:164 Resp: 329859

Ion Ratio Lower Upper

164 100

162 107.0 85.1 127.7

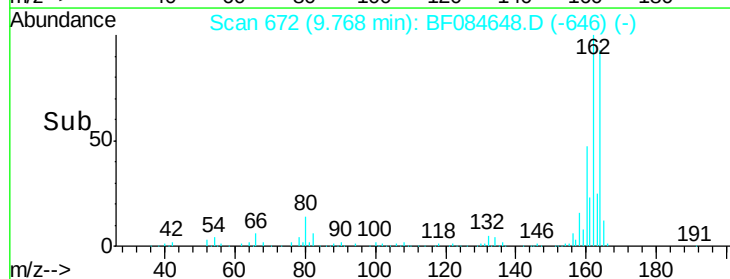
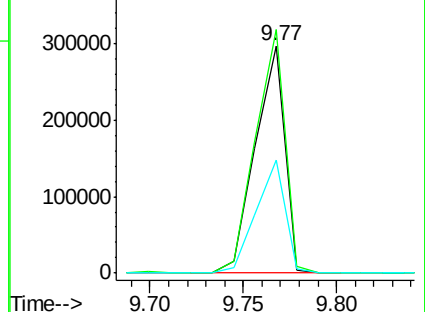
160 49.8 37.5 56.3

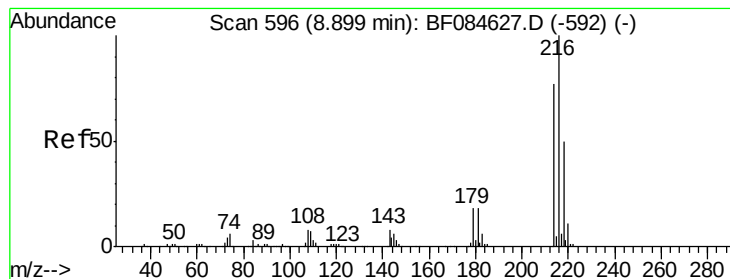


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.74 ng

RT: 8.89 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF084648.D

Acq: 29 Jan 2016 21:19

Instrument :

BNA_F

ClientSampleId :

PB88084BS

Tgt Ion:216 Resp: 371640

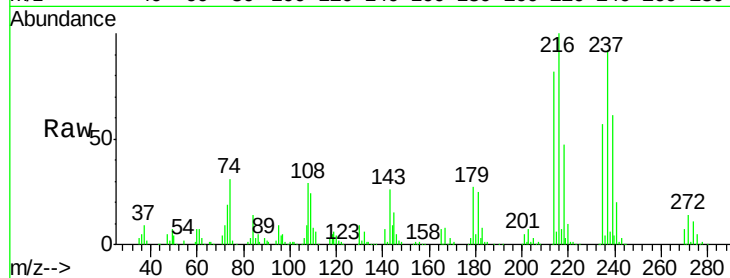
Ion Ratio Lower Upper

216 100

214 78.8 64.2 96.2

179 22.6 18.7 28.1

108 23.6 16.8 25.2

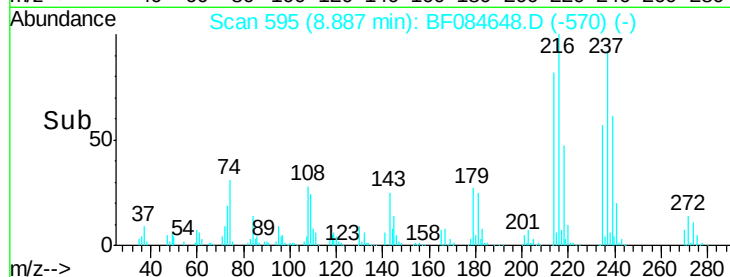


Abundance Ion 216.00 (215.70 to 216.70): E

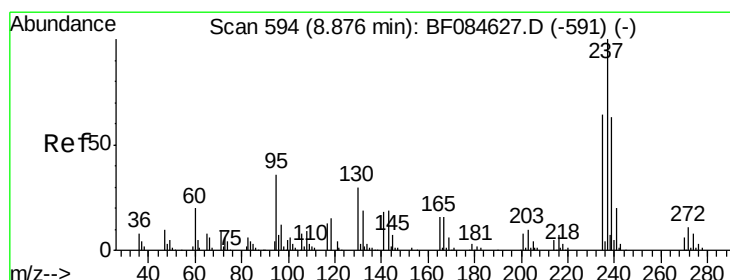
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time--> 8.80 8.85 8.90 8.95



#40

Hexachlorocyclopentadiene

Concen: 87.00 ng

RT: 8.88 min Scan# 594

Delta R.T. -0.00 min

Lab File: BF084648.D

Acq: 29 Jan 2016 21:19

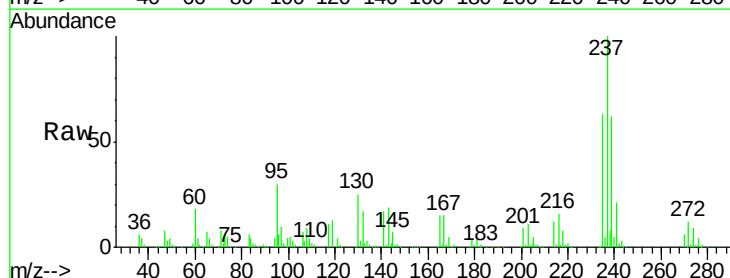
Tgt Ion:237 Resp: 423166

Ion Ratio Lower Upper

237 100

235 62.9 43.1 83.1

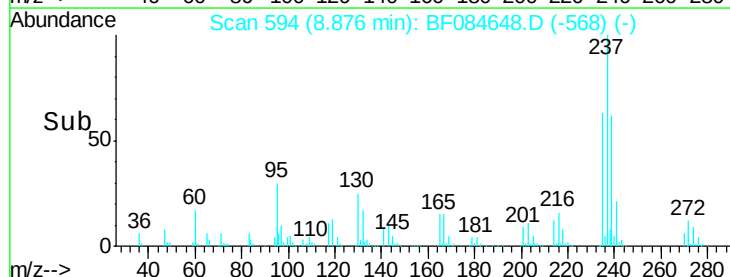
272 11.6 0.0 35.1



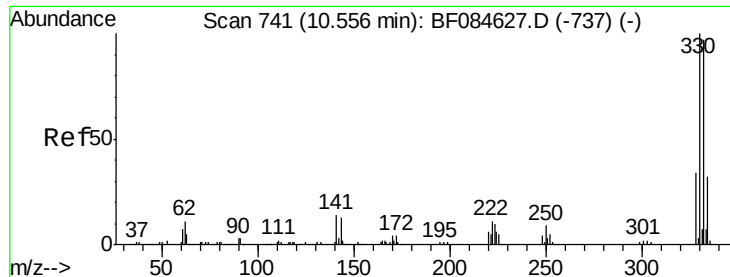
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



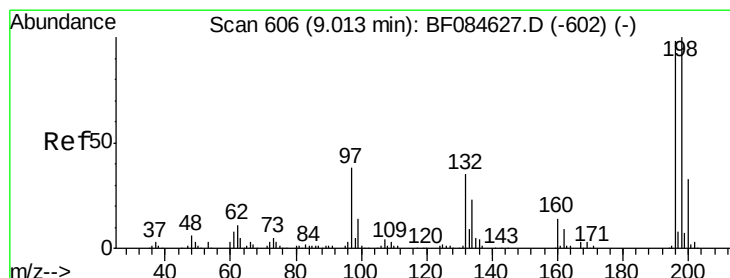
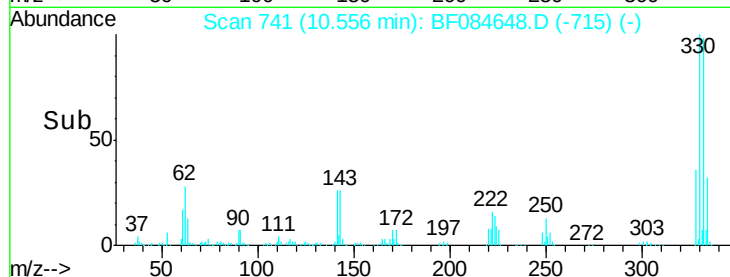
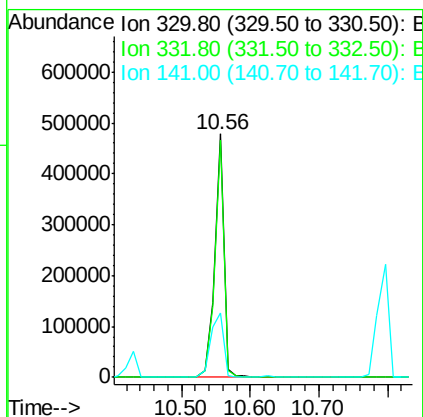
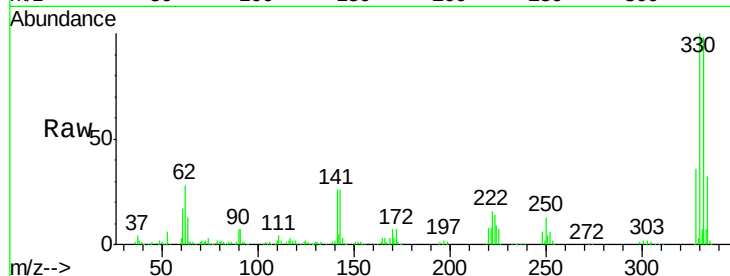
Time--> 8.80 8.85 8.90 8.95



#41
 2,4,6-Tribromophenol
 Concen: 132.39 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF084648.D
 Acq: 29 Jan 2016 21:19

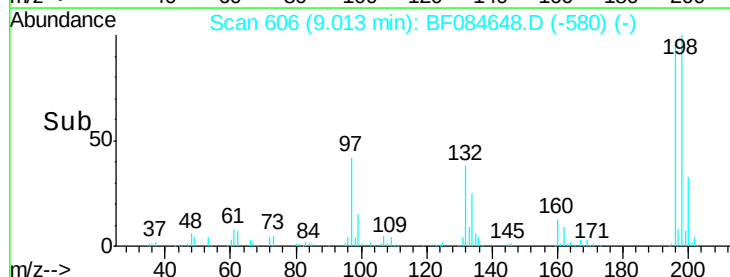
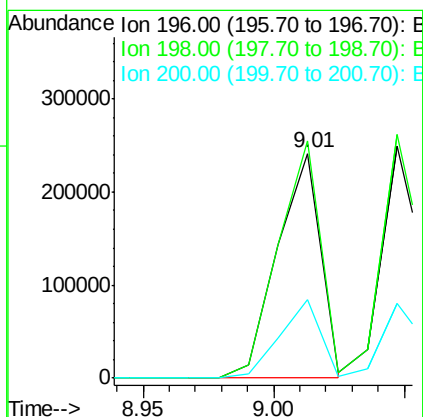
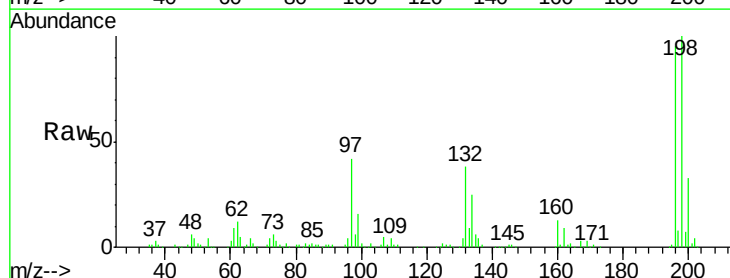
Instrument :
 BNA_F
 ClientSampleId :
 PB88084BS

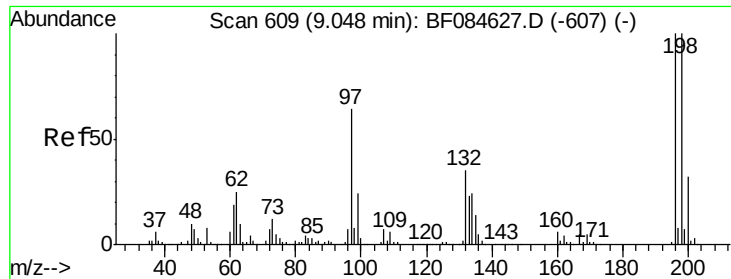
Tgt Ion:330 Resp: 457701
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 114.8
 141 36.5 27.8 41.6



#42
 2,4,6-Trichlorophenol
 Concen: 41.77 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF084648.D
 Acq: 29 Jan 2016 21:19

Tgt Ion:196 Resp: 277575
 Ion Ratio Lower Upper
 196 100
 198 105.3 77.7 116.5
 200 34.9 24.6 37.0

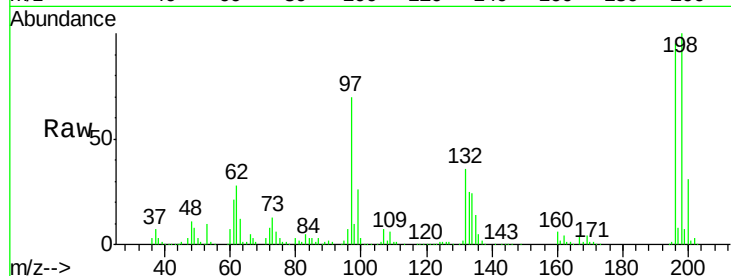




#43
 2,4,5-Trichlorophenol
 Concen: 40.16 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: BF084648.D
 Acq: 29 Jan 2016 21:19

Instrument :
 BNA_F
 ClientSampleId :
 PB88084BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	104.7	79.0	118.6
97	73.7	33.0	49.6
132	38.2	21.1	31.7



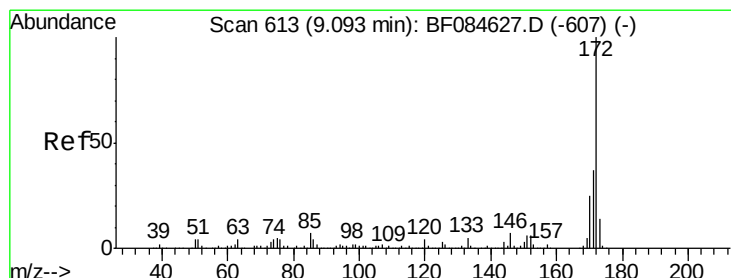
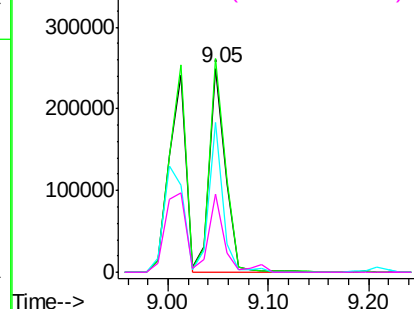
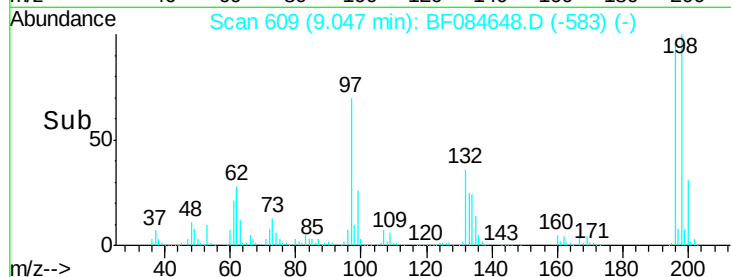
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

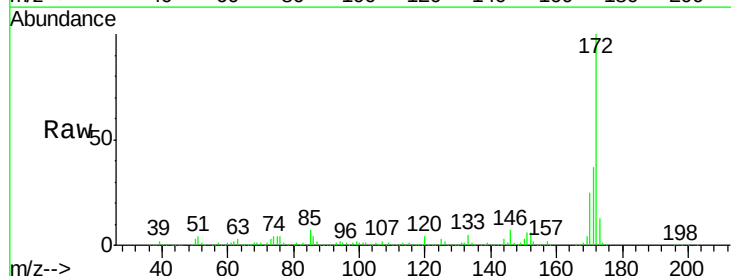
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 79.92 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF084648.D
 Acq: 29 Jan 2016 21:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	28.9	43.3
170	25.1	18.6	27.8

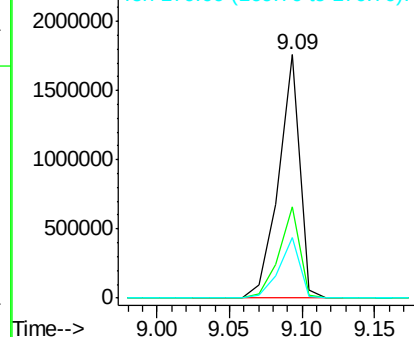
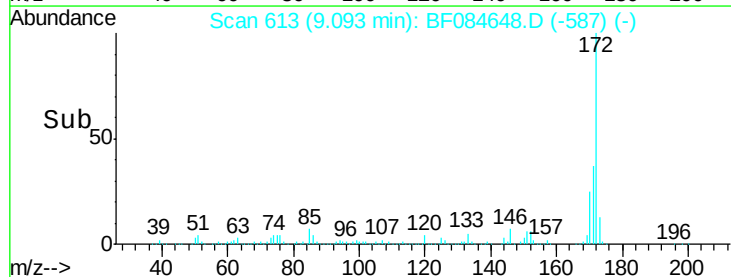


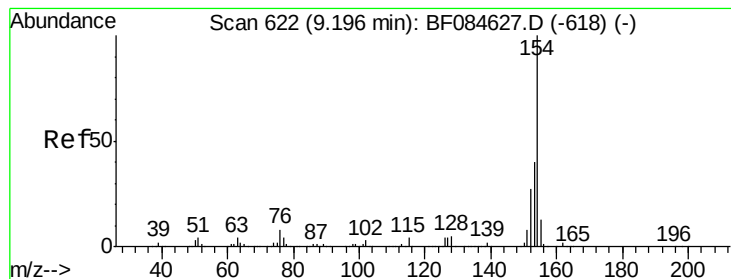
Abundance

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: 37.27 ng

RT: 9.20 min Scan# 622

Delta R.T. -0.00 min

Lab File: BF084648.D

Acq: 29 Jan 2016 21:19

Instrument :

BNA_F

ClientSampleId :

PB88084BS

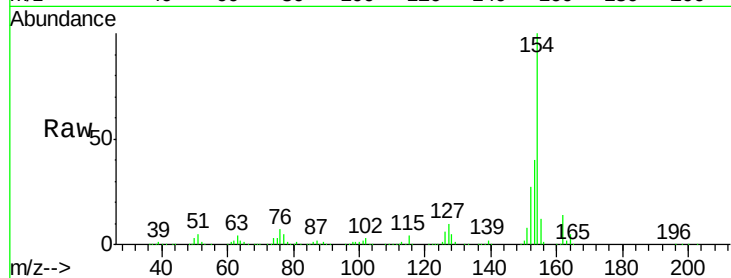
Tgt Ion:154 Resp: 1126631

Ion Ratio Lower Upper

154 100

153 40.4 21.6 61.6

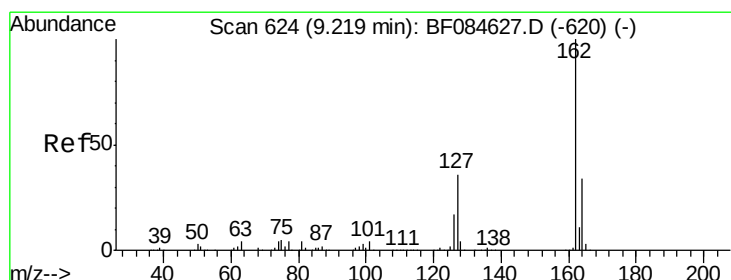
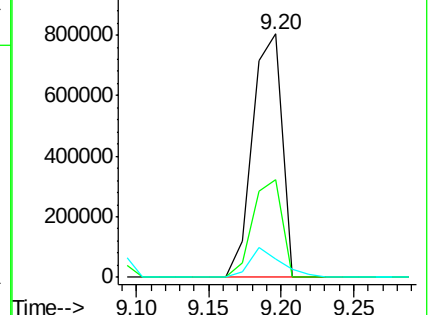
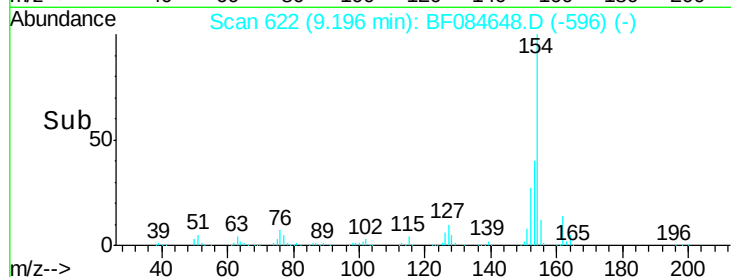
76 7.4 0.0 32.7



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): BF0



#46

2-Chloronaphthalene

Concen: 37.94 ng

RT: 9.21 min Scan# 623

Delta R.T. -0.01 min

Lab File: BF084648.D

Acq: 29 Jan 2016 21:19

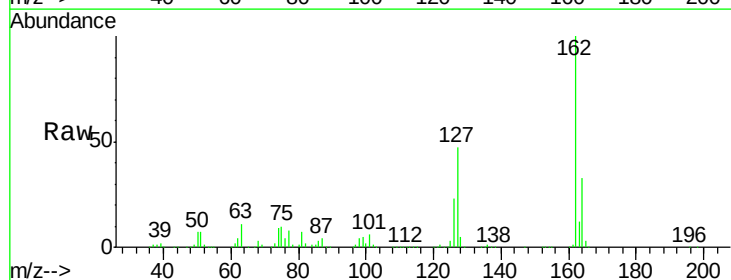
Tgt Ion:162 Resp: 836879

Ion Ratio Lower Upper

162 100

127 46.7 40.2 60.4

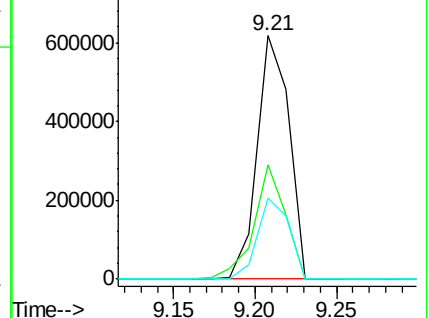
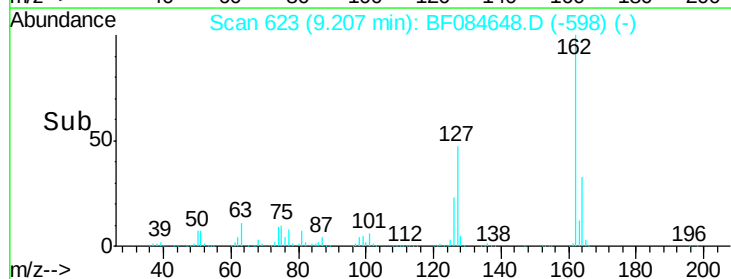
164 33.0 25.7 38.5

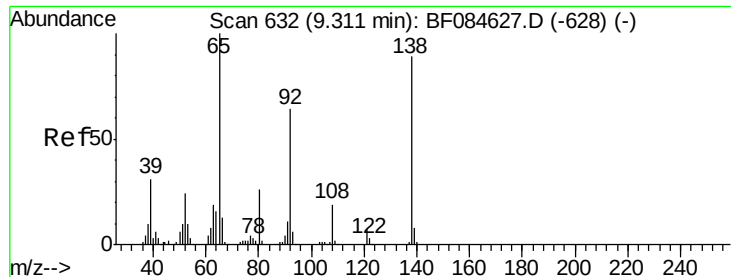


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 40.36 ng

RT: 9.31 min Scan# 632

Delta R.T. -0.00 min

Lab File: BF084648.D

Acq: 29 Jan 2016 21:19

Instrument :

BNA_F

ClientSampleId :

PB88084BS

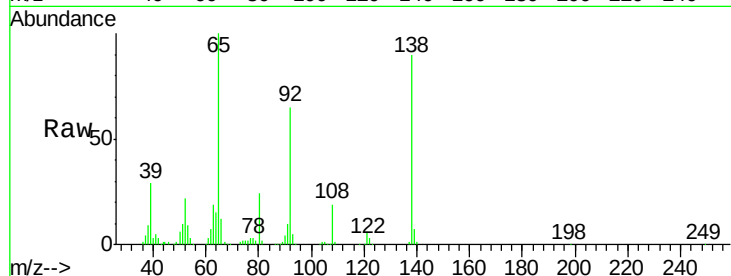
Tgt Ion: 65 Resp: 267329

Ion Ratio Lower Upper

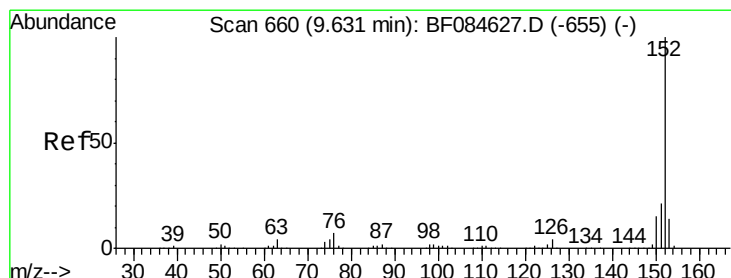
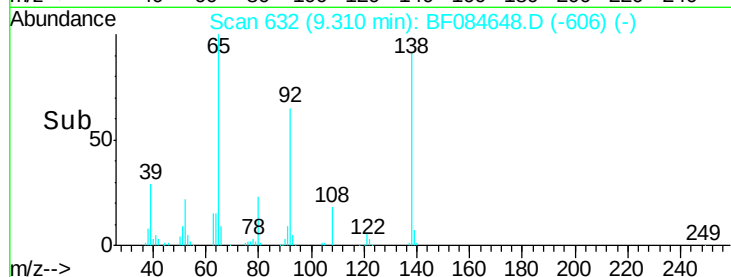
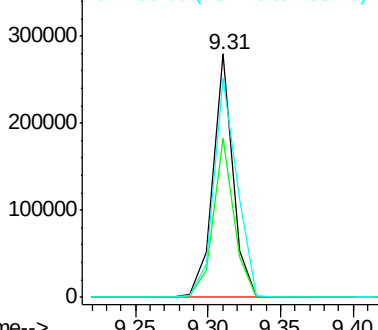
65 100

92 65.1 53.4 80.2

138 90.0 71.1 106.7



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



#48

Acenaphthylene

Concen: 40.81 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.00 min

Lab File: BF084648.D

Acq: 29 Jan 2016 21:19

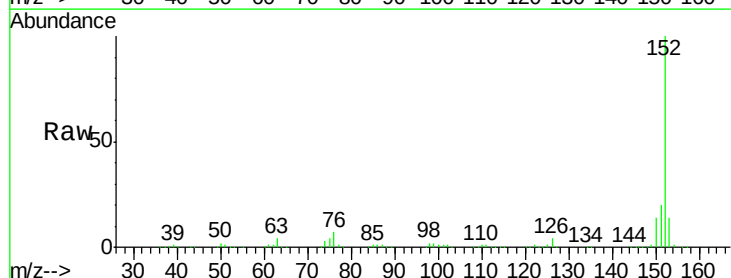
Tgt Ion: 152 Resp: 1363772

Ion Ratio Lower Upper

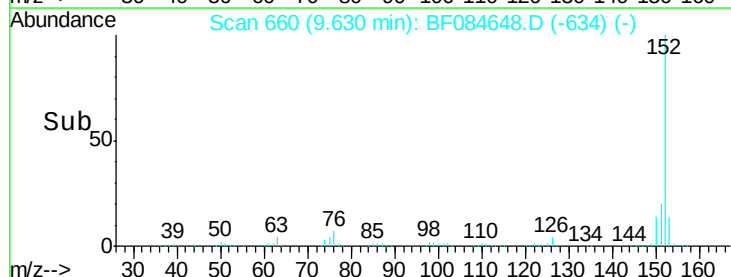
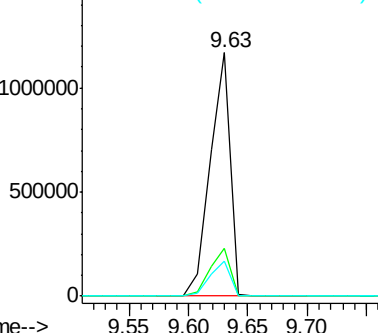
152 100

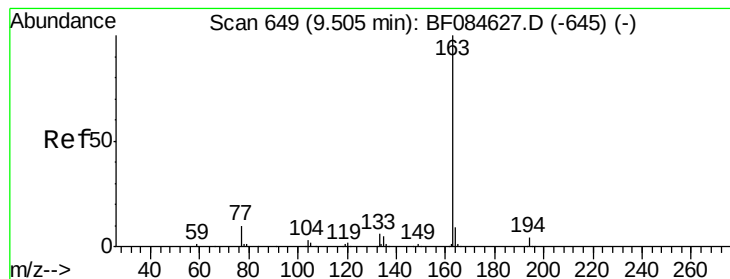
151 19.8 16.3 24.5

153 14.2 10.4 15.6



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





#49

Dimethylphthalate

Concen: 42.57 ng

RT: 9.50 min Scan# 649

Delta R.T. -0.00 min

Lab File: BF084648.D

Acq: 29 Jan 2016 21:19

Instrument :

BNA_F

ClientSampleId :

PB88084BS

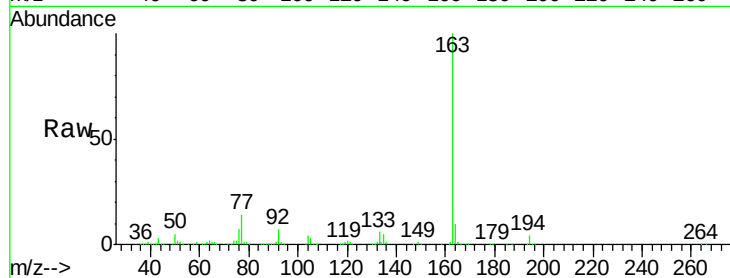
Tgt Ion:163 Resp: 1053993

Ion Ratio Lower Upper

163 100

194 3.7 8.0 12.0#

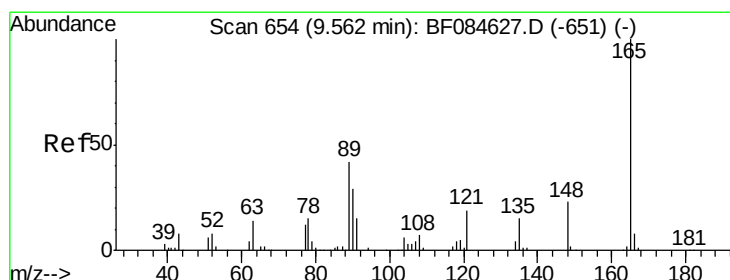
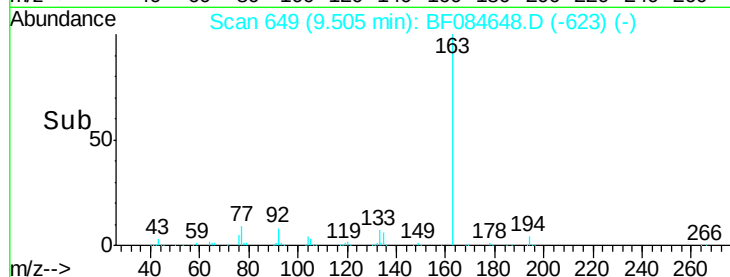
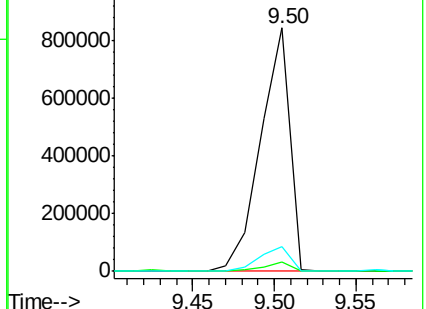
164 10.1 8.0 12.0



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: 44.61 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF084648.D

Acq: 29 Jan 2016 21:19

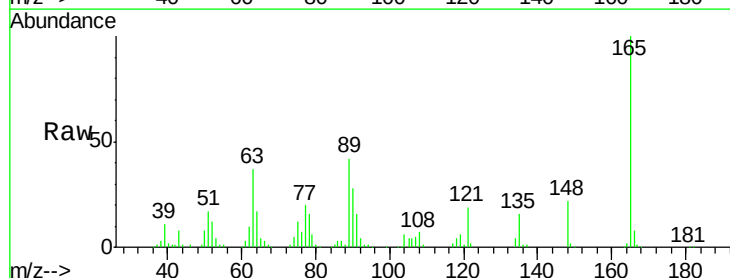
Tgt Ion:165 Resp: 242988

Ion Ratio Lower Upper

165 100

63 36.6 28.8 43.2

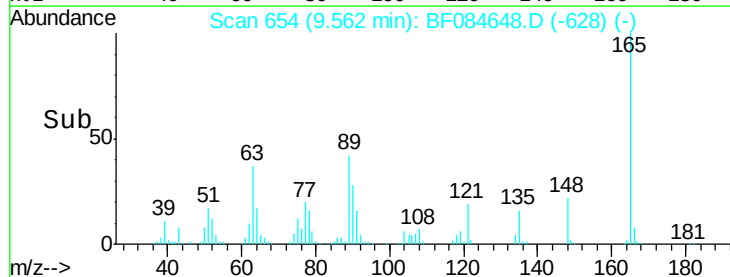
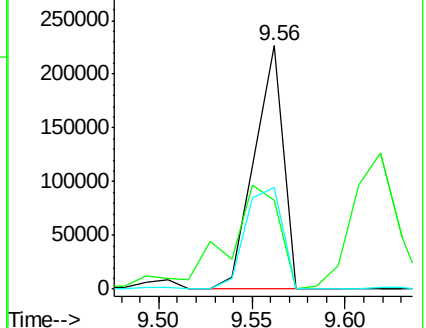
89 41.9 35.1 52.7

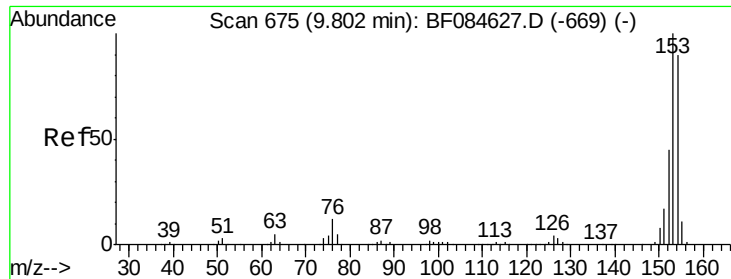


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

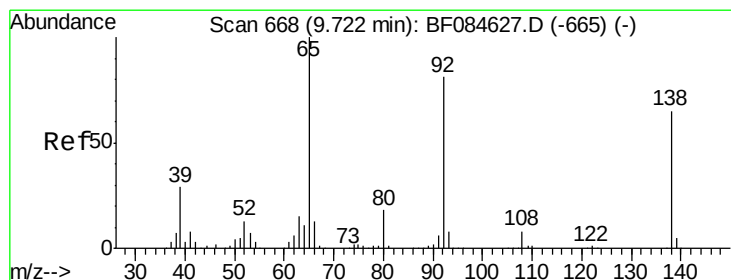
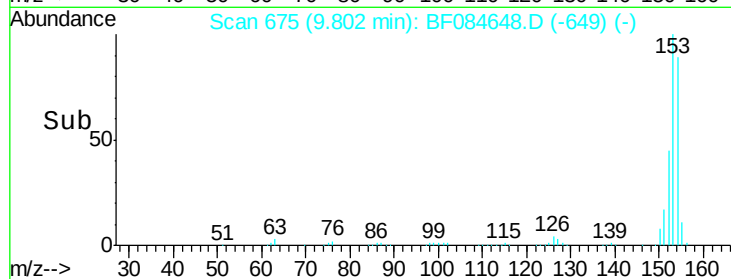
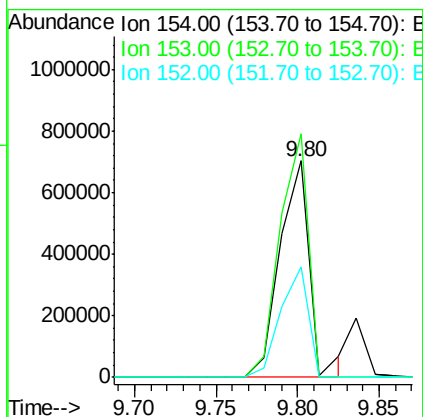
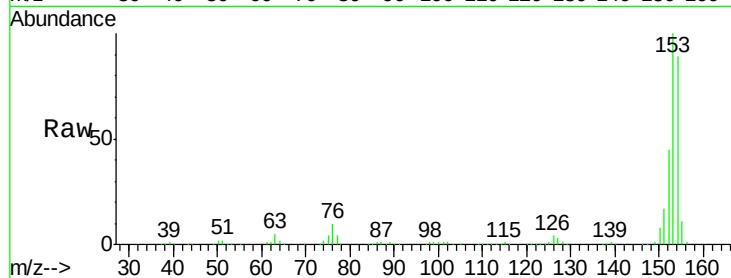




#51
Acenaphthene
Concen: 40.08 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF084648.D
Acq: 29 Jan 2016 21:19

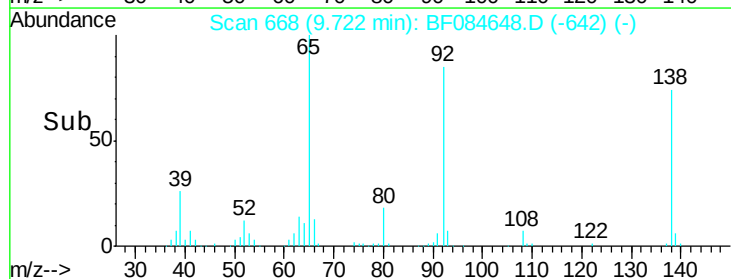
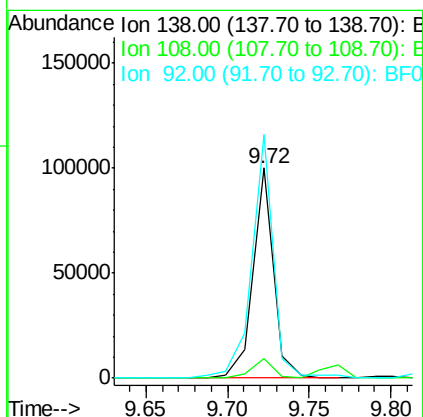
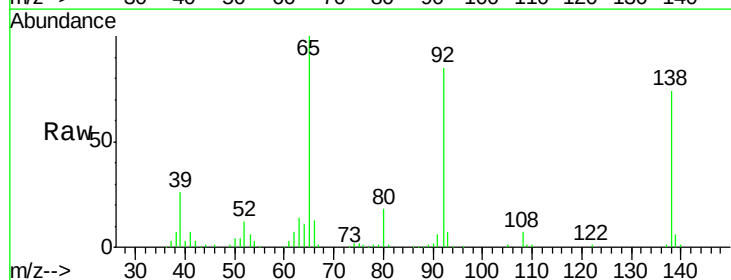
Instrument :
BNA_F
ClientSampleId :
PB88084BS

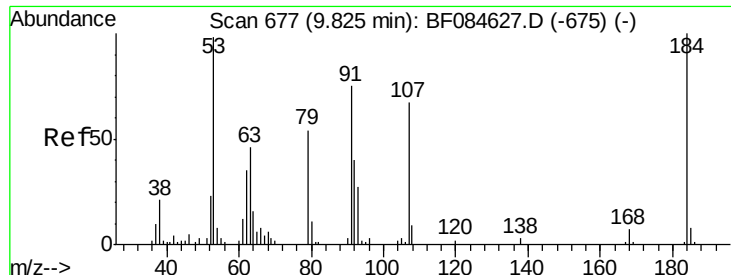
Tgt Ion:154 Resp: 896893
Ion Ratio Lower Upper
154 100
153 112.5 91.5 137.3
152 51.0 43.0 64.6



#52
3-Nitroaniline
Concen: 15.31 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.00 min
Lab File: BF084648.D
Acq: 29 Jan 2016 21:19

Tgt Ion:138 Resp: 87158
Ion Ratio Lower Upper
138 100
108 9.6 10.5 15.7#
92 115.8 103.9 155.9

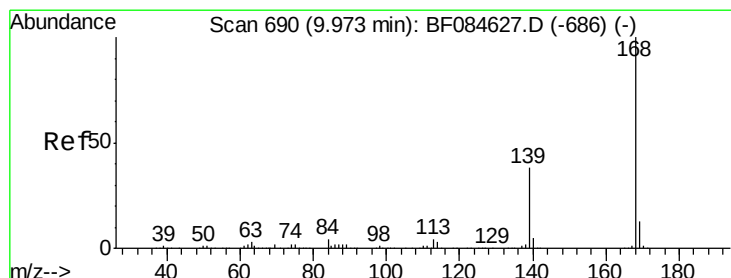
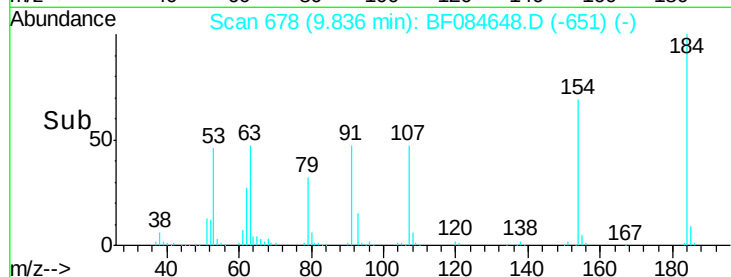
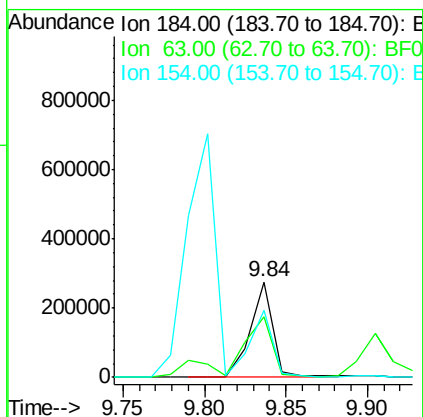
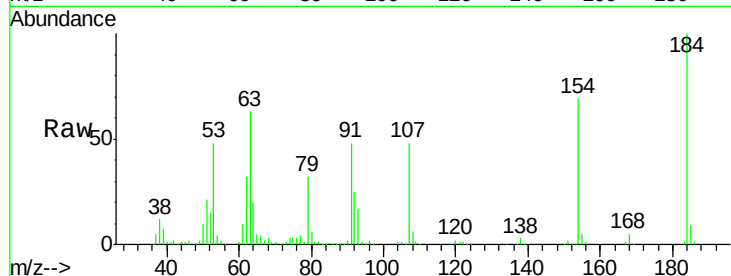




#53
 2,4-Dinitrophenol
 Concen: 100.66 ng
 RT: 9.84 min Scan# 678
 Delta R.T. 0.01 min
 Lab File: BF084648.D
 Acq: 29 Jan 2016 21:19

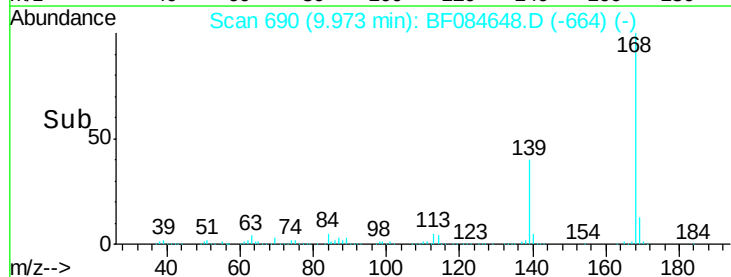
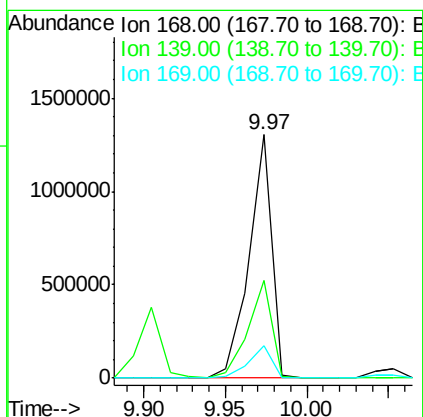
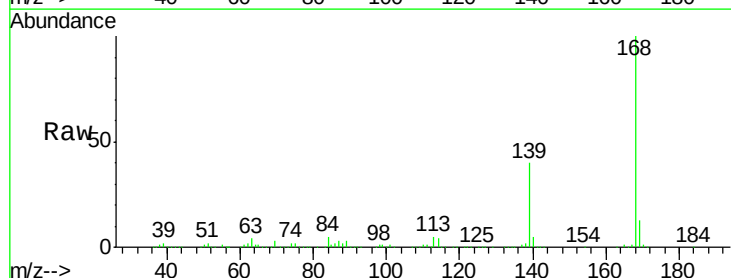
Instrument :
 BNA_F
 ClientSampleId :
 PB88084BS

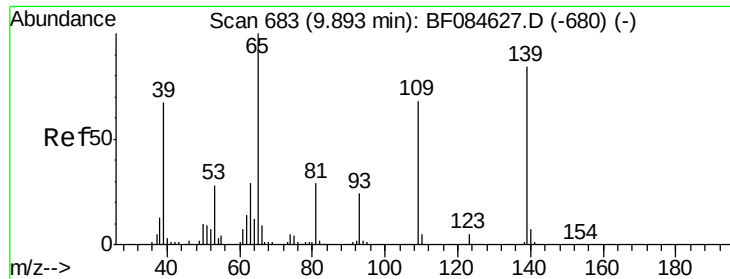
Tgt Ion:184 Resp: 270560
 Ion Ratio Lower Upper
 184 100
 63 63.0 43.1 64.7
 154 69.5 60.5 90.7



#54
 Dibenzofuran
 Concen: 46.96 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: BF084648.D
 Acq: 29 Jan 2016 21:19

Tgt Ion:168 Resp: 1254210
 Ion Ratio Lower Upper
 168 100
 139 40.1 30.5 45.7
 169 13.3 10.4 15.6

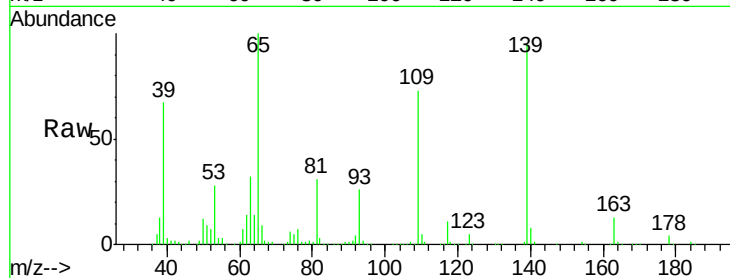




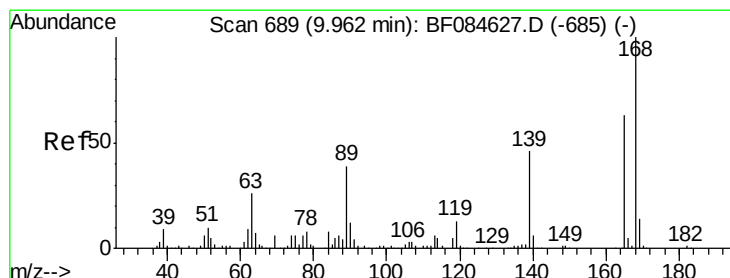
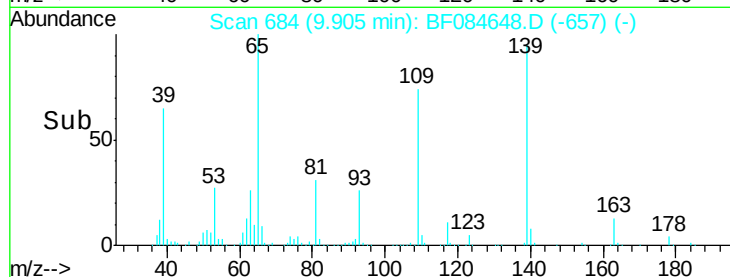
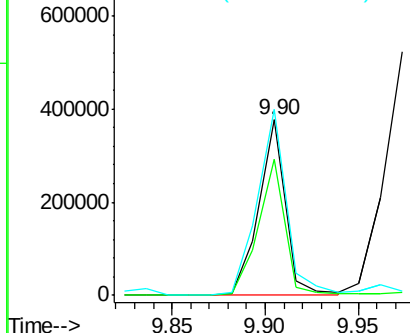
#55
4-Nitrophenol
Concen: 88.58 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.01 min
Lab File: BF084648.D
Acq: 29 Jan 2016 21:19

Instrument :
BNA_F
ClientSampleId :
PB88084BS

Tgt Ion:139 Resp: 370362
Ion Ratio Lower Upper
139 100
109 77.5 58.5 98.5
65 105.7 57.6 97.6#

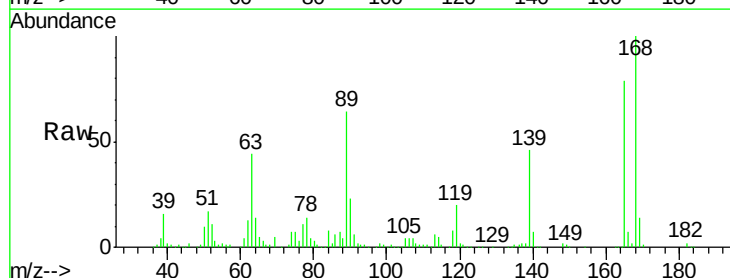


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

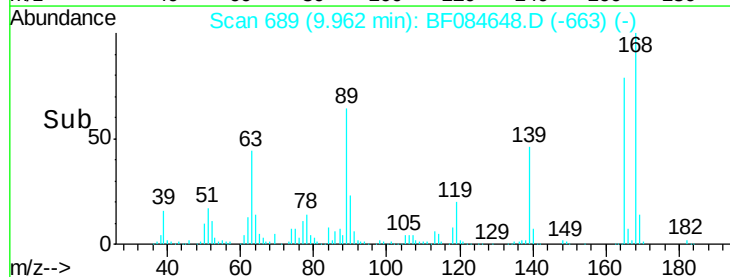
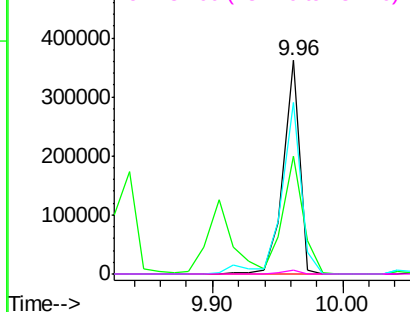


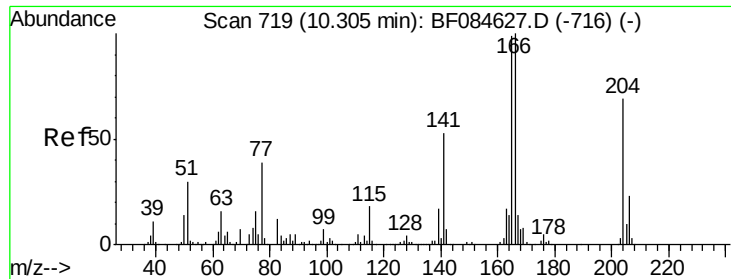
#56
2,4-Dinitrotoluene
Concen: 45.52 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF084648.D
Acq: 29 Jan 2016 21:19

Tgt Ion:165 Resp: 322144
Ion Ratio Lower Upper
165 100
63 55.2 36.7 55.1#
89 80.4 61.9 92.9
182 2.0 2.0 3.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

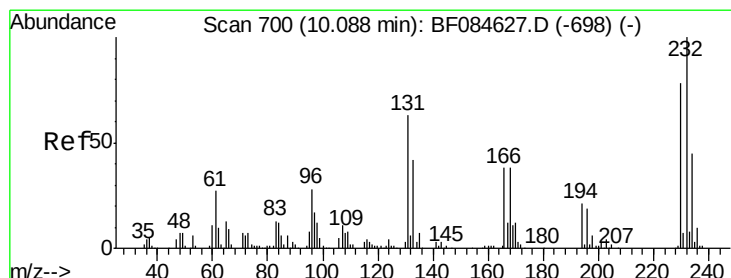
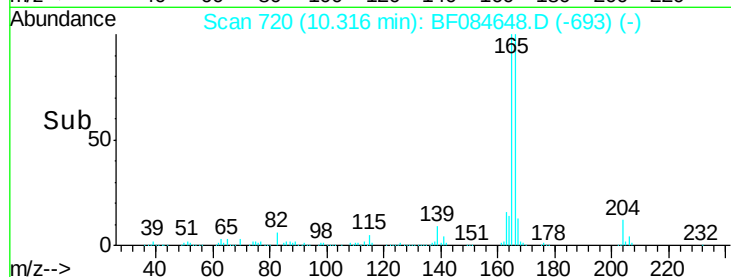
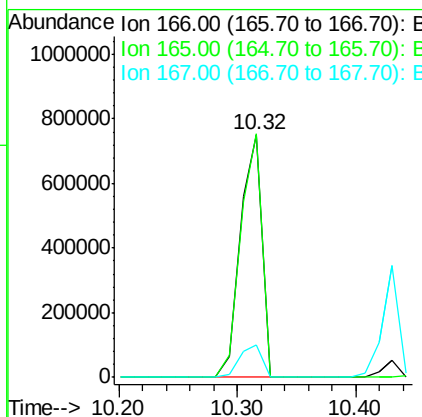
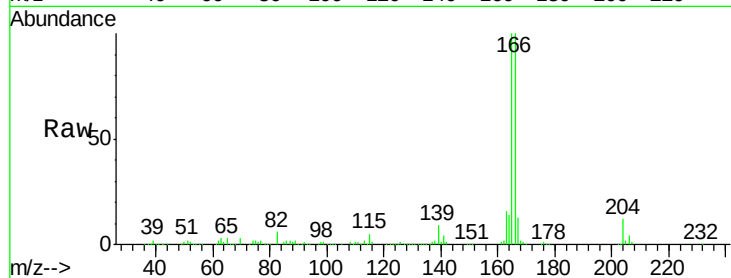




#57
 Fluorene
 Concen: 41.90 ng
 RT: 10.32 min Scan# 720
 Delta R.T. 0.01 min
 Lab File: BF084648.D
 Acq: 29 Jan 2016 21:19

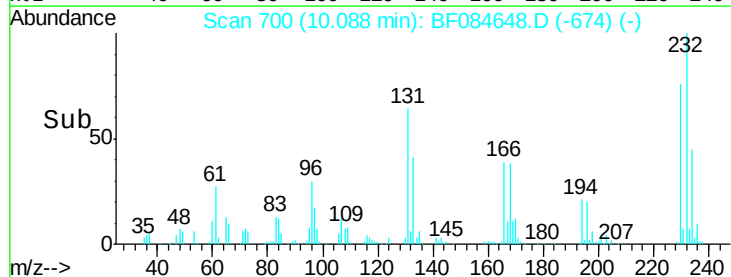
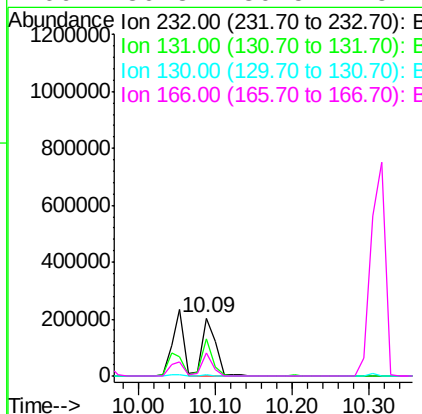
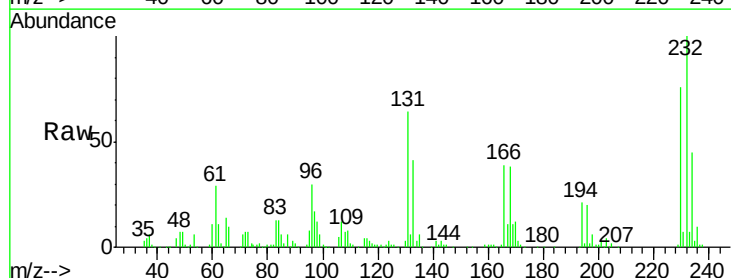
Instrument :
 BNA_F
 ClientSampleId :
 PB88084BS

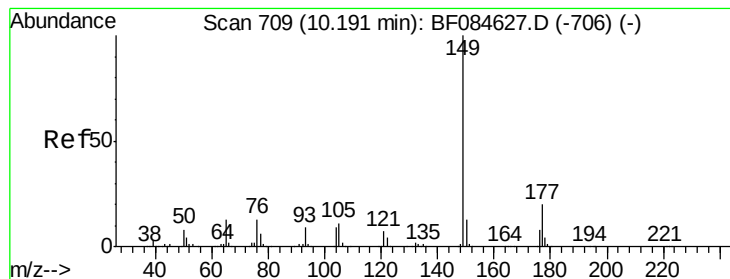
Tgt Ion:166 Resp: 948476
 Ion Ratio Lower Upper
 166 100
 165 100.4 79.1 118.7
 167 13.4 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.77 ng
 RT: 10.09 min Scan# 700
 Delta R.T. -0.00 min
 Lab File: BF084648.D
 Acq: 29 Jan 2016 21:19

Tgt Ion:232 Resp: 247796
 Ion Ratio Lower Upper
 232 100
 131 50.6 47.0 70.6
 130 2.4 2.0 3.0
 166 30.8 30.5 45.7





#59

Diethylphthalate

Concen: 43.60 ng

RT: 10.20 min Scan# 710

Delta R.T. 0.01 min

Lab File: BF084648.D

Acq: 29 Jan 2016 21:19

Instrument :

BNA_F

ClientSampleId :

PB88084BS

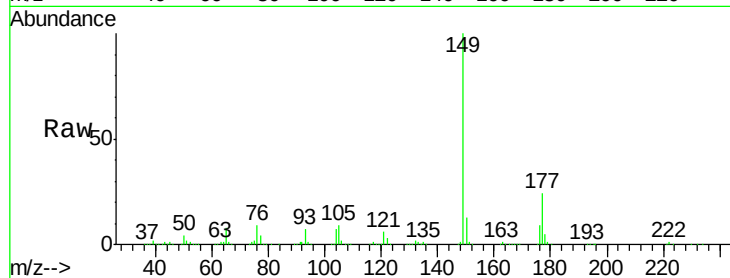
Tgt Ion:149 Resp: 1056614

Ion Ratio Lower Upper

149 100

177 23.7 17.3 25.9

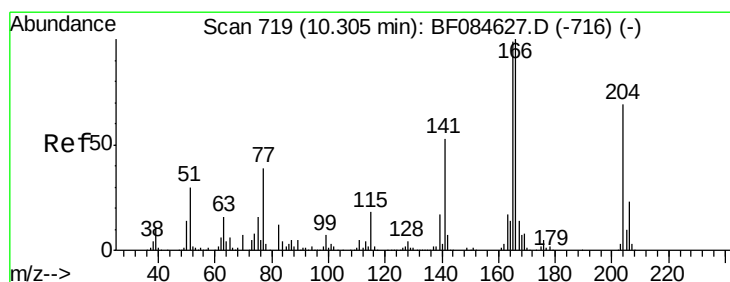
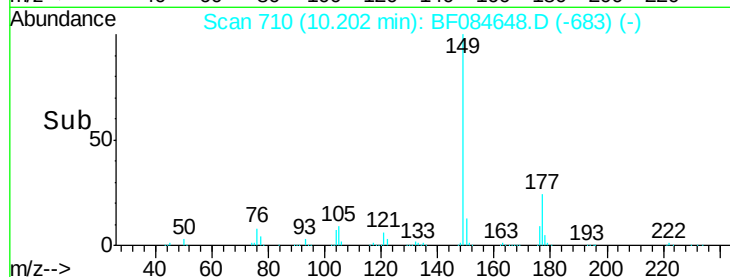
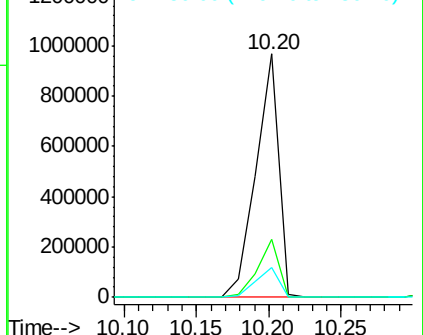
150 12.5 9.8 14.8



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: 38.82 ng

RT: 10.30 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF084648.D

Acq: 29 Jan 2016 21:19

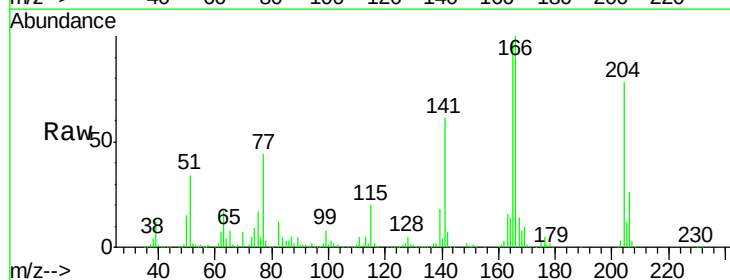
Tgt Ion:204 Resp: 394515

Ion Ratio Lower Upper

204 100

206 33.0 25.7 38.5

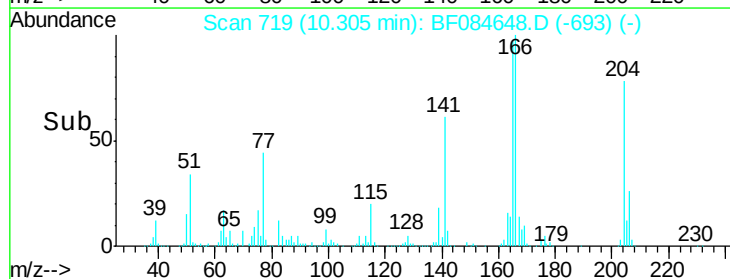
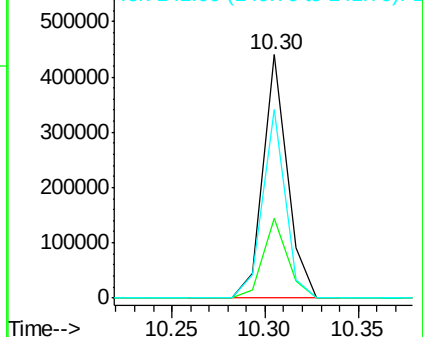
141 77.7 55.1 82.7

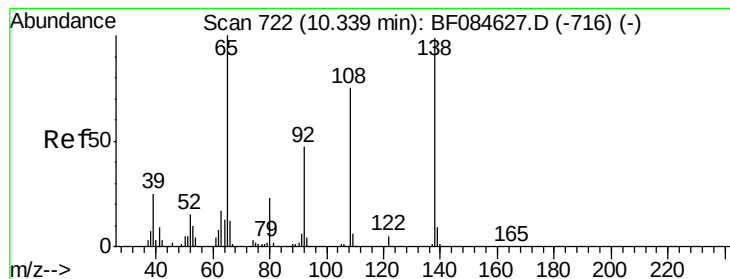


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 42.44 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF084648.D

Acq: 29 Jan 2016 21:19

Instrument :

BNA_F

ClientSampleId :

PB88084BS

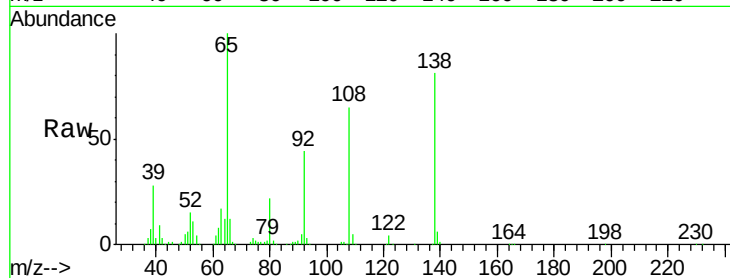
Tgt Ion:138 Resp: 228671

Ion Ratio Lower Upper

138 100

92 54.0 32.6 72.6

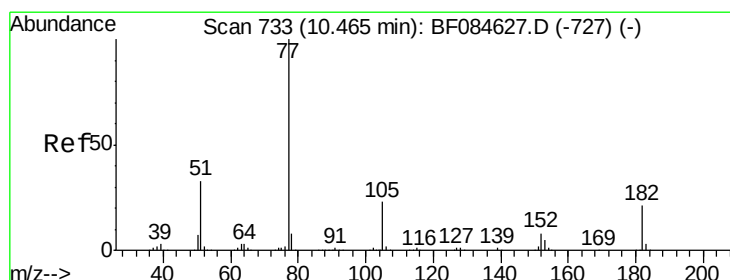
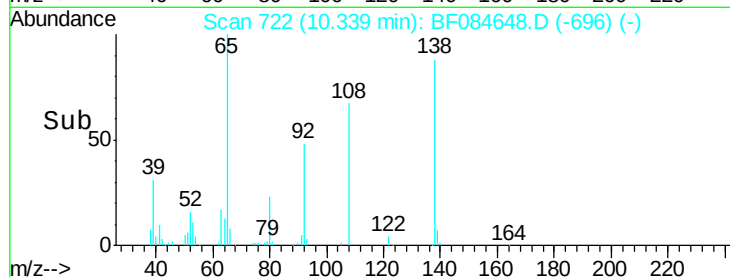
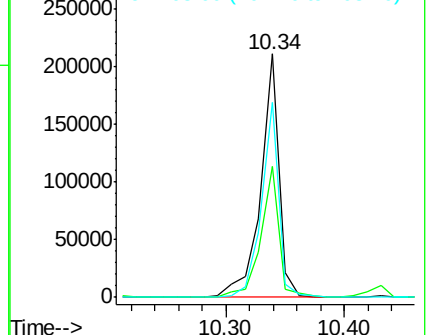
108 79.9 68.6 108.6



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: 45.51 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF084648.D

Acq: 29 Jan 2016 21:19

Tgt Ion: 77 Resp: 1055639

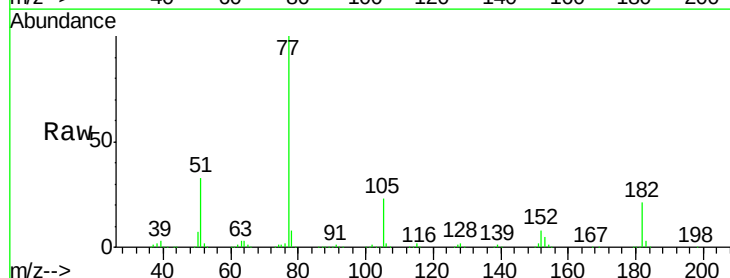
Ion Ratio Lower Upper

77 100

182 20.8 8.3 48.3

105 23.4 4.6 44.6

51 33.4 6.2 46.2

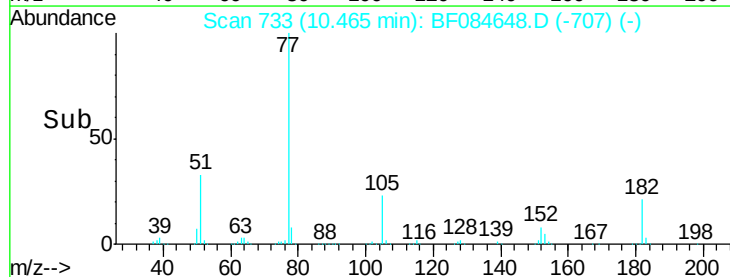
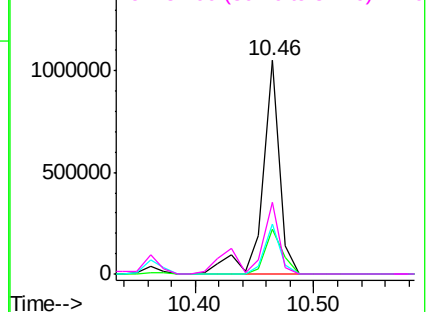


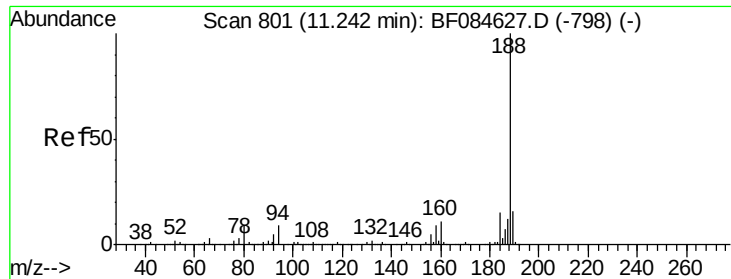
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.24 min Scan# 801

Delta R.T. -0.00 min

Lab File: BF084648.D

Acq: 29 Jan 2016 21:19

Instrument :

BNA_F

ClientSampleId :

PB88084BS

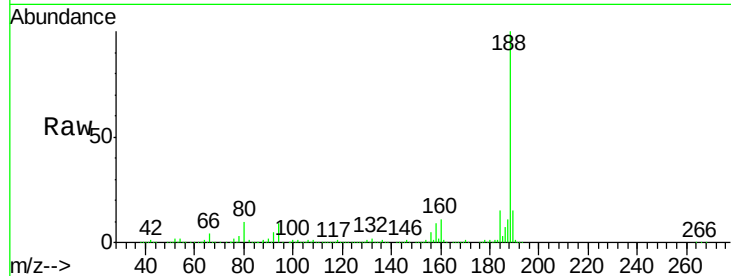
Tgt Ion:188 Resp: 634360

Ion Ratio Lower Upper

188 100

94 9.1 9.0 13.4

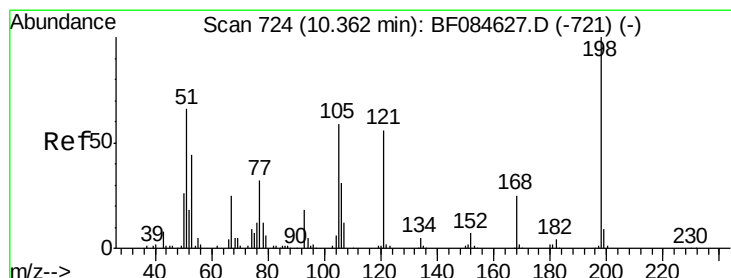
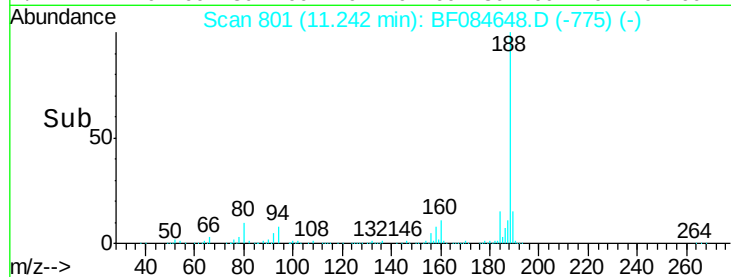
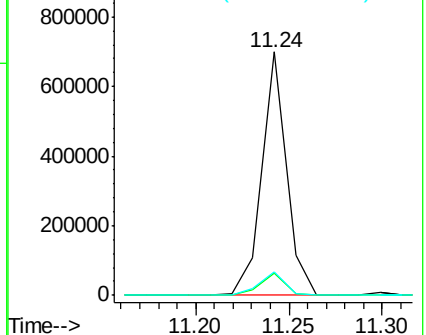
80 9.8 9.6 14.4



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: 42.77 ng

RT: 10.37 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF084648.D

Acq: 29 Jan 2016 21:19

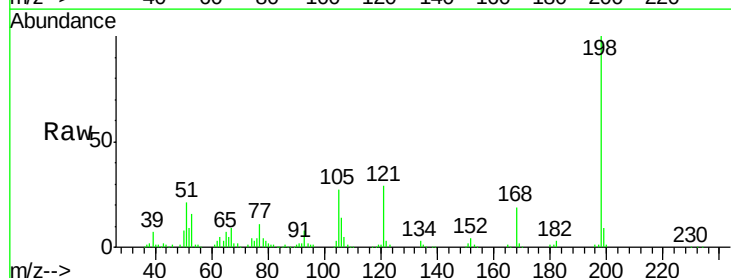
Tgt Ion:198 Resp: 177194

Ion Ratio Lower Upper

198 100

51 20.5 18.9 58.9

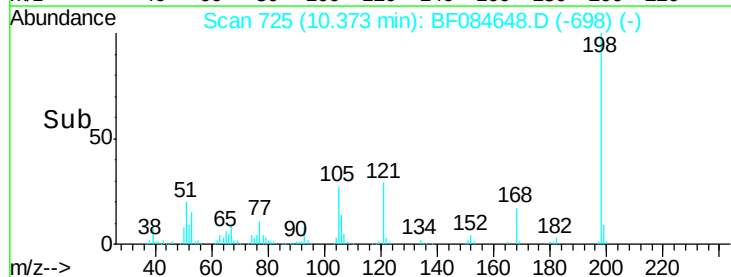
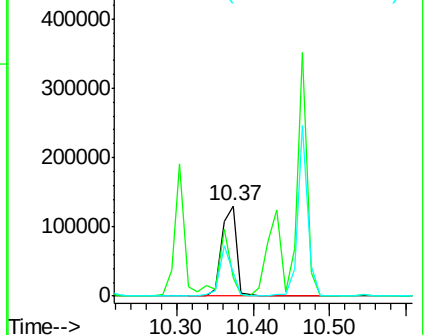
105 26.5 26.4 66.4

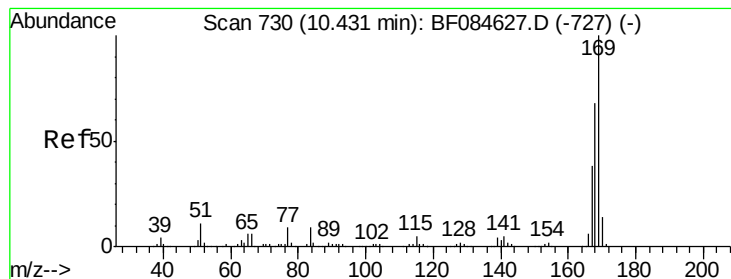


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 42.64 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF084648.D

Acq: 29 Jan 2016 21:19

Instrument :

BNA_F

ClientSampleId :

PB88084BS

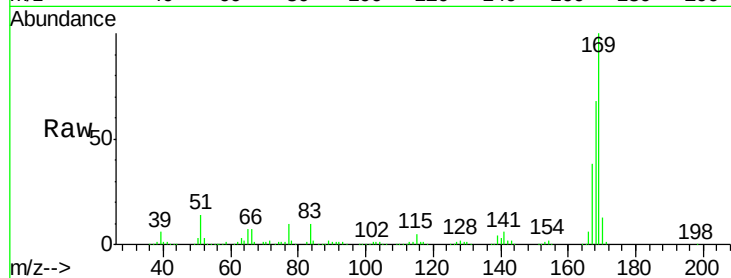
Tgt Ion:169 Resp: 877051

Ion Ratio Lower Upper

169 100

168 68.0 55.1 82.7

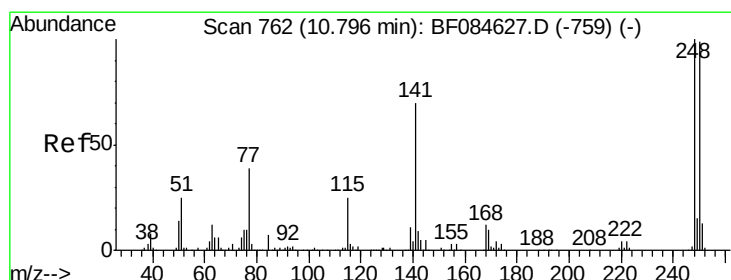
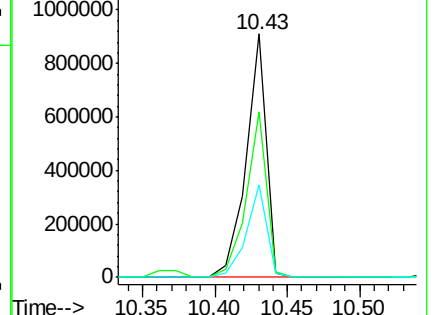
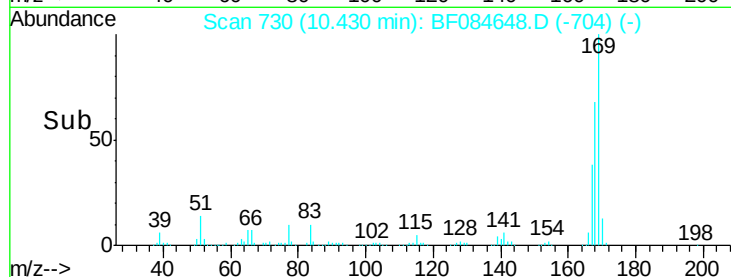
167 37.9 30.0 45.0



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: 42.66 ng

RT: 10.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF084648.D

Acq: 29 Jan 2016 21:19

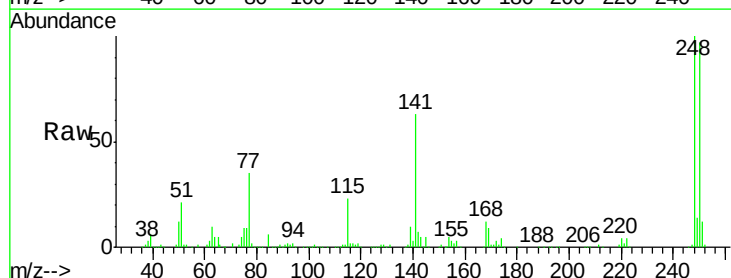
Tgt Ion:248 Resp: 304753

Ion Ratio Lower Upper

248 100

250 97.3 78.4 117.6

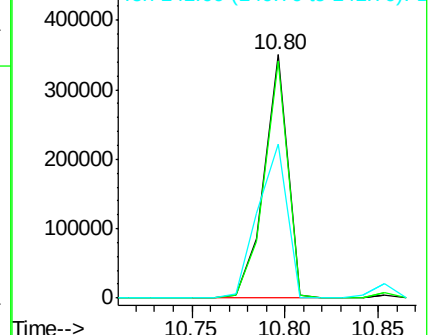
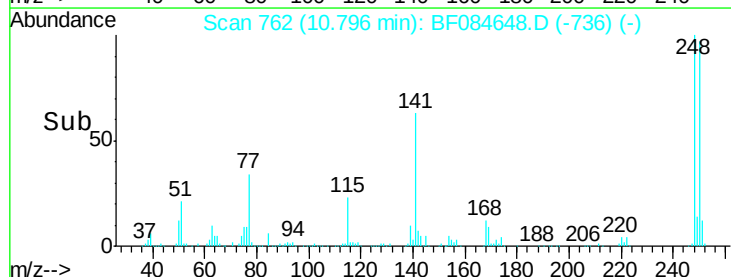
141 63.1 44.0 66.0

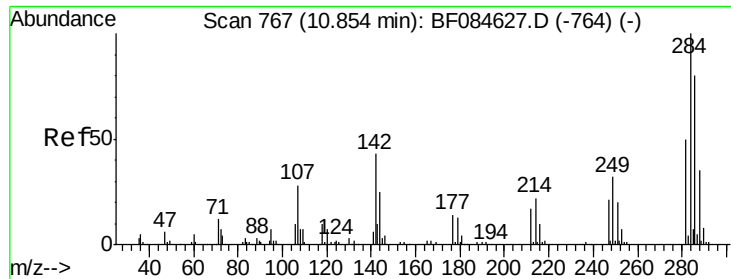


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

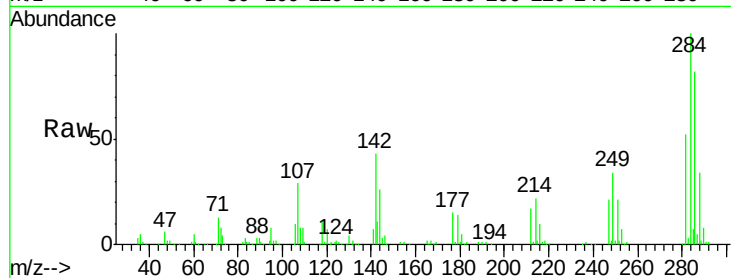




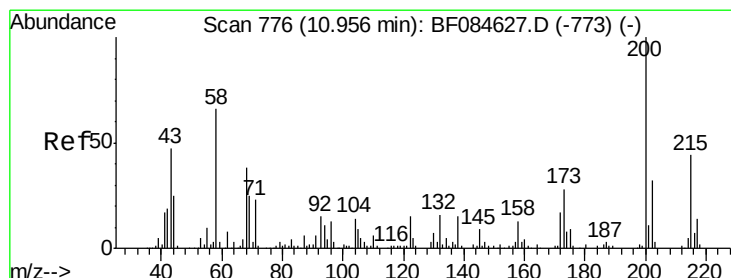
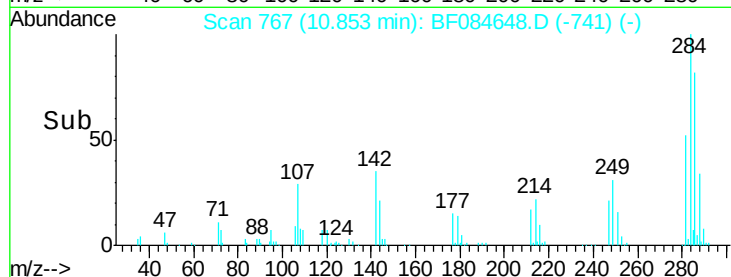
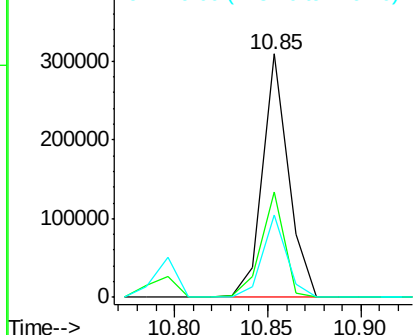
#67
Hexachlorobenzene
Concen: 37.76 ng
RT: 10.85 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF084648.D
Acq: 29 Jan 2016 21:19

Instrument :
BNA_F
ClientSampleId :
PB88084BS

Tgt Ion: 284 Resp: 293427
Ion Ratio Lower Upper
284 100
142 43.4 22.2 33.4#
249 33.6 24.6 37.0

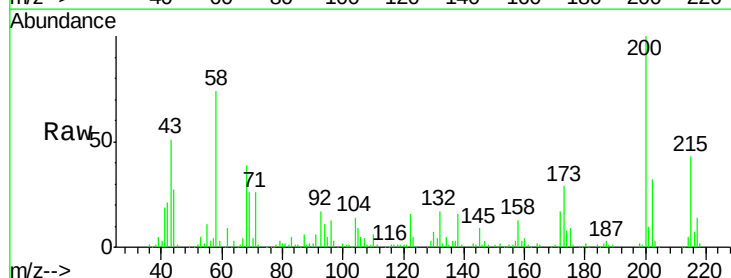


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

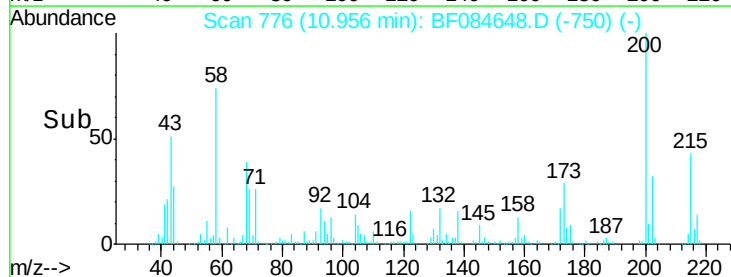
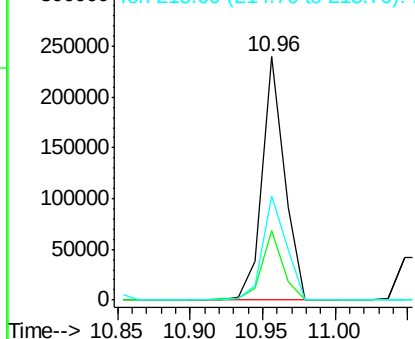


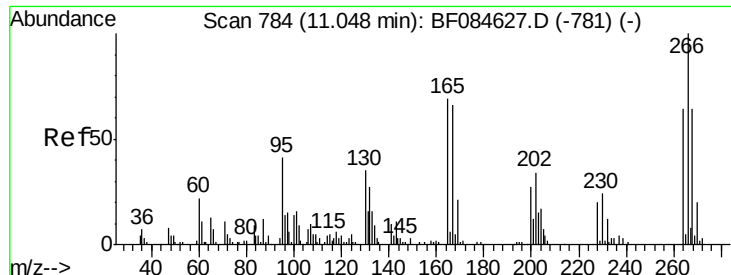
#68
Atrazine
Concen: 41.52 ng
RT: 10.96 min Scan# 776
Delta R.T. -0.00 min
Lab File: BF084648.D
Acq: 29 Jan 2016 21:19

Tgt Ion: 200 Resp: 255905
Ion Ratio Lower Upper
200 100
173 28.6 9.5 49.5
215 42.7 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

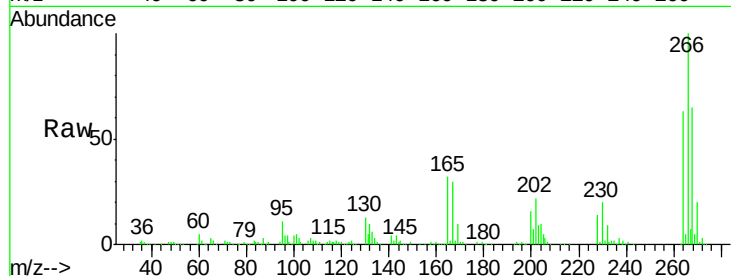




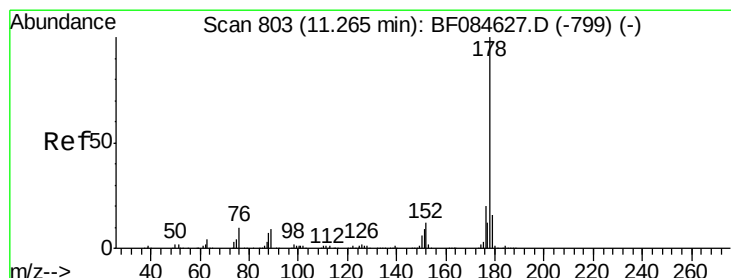
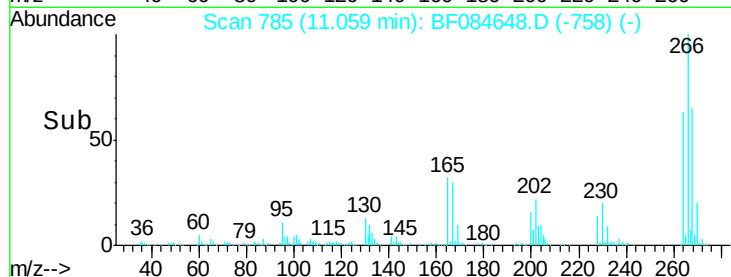
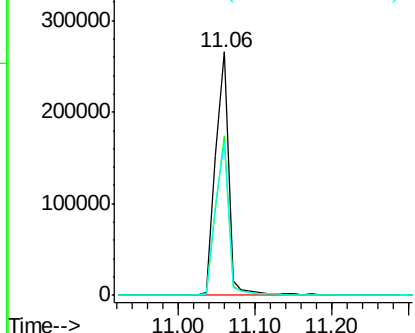
#69
 Pentachlorophenol
 Concen: 84.77 ng
 RT: 11.06 min Scan# 785
 Delta R.T. 0.01 min
 Lab File: BF084648.D
 Acq: 29 Jan 2016 21:19

Instrument :
 BNA_F
 ClientSampleId :
 PB88084BS

Tgt Ion:266 Resp: 318283
 Ion Ratio Lower Upper
 266 100
 268 65.2 52.4 78.6
 264 62.9 50.2 75.2

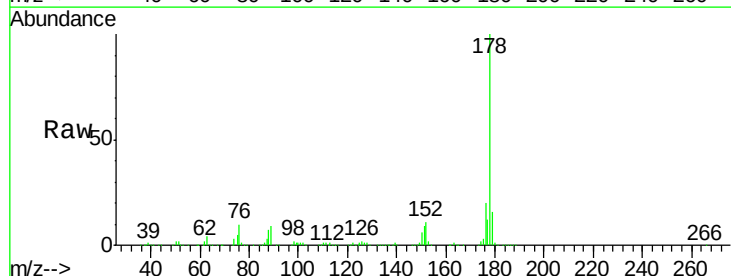


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

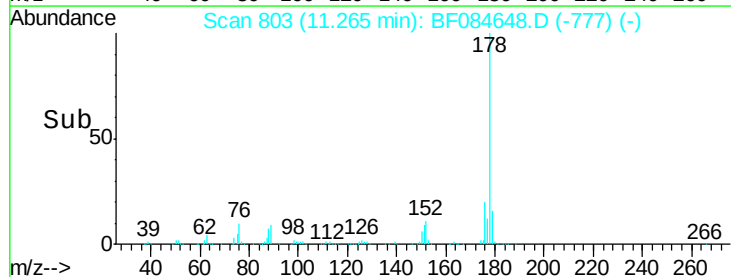
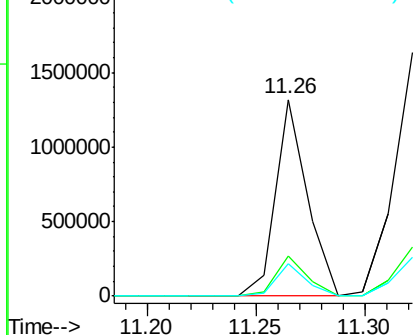


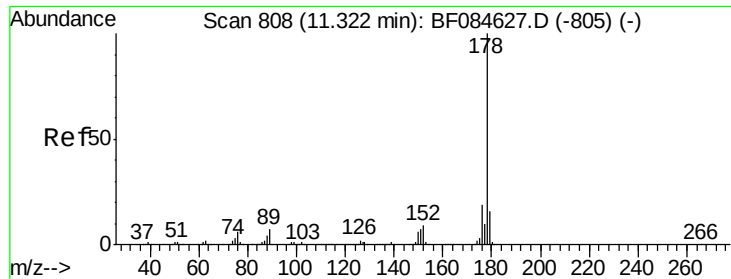
#70
 Phenanthrene
 Concen: 38.37 ng
 RT: 11.26 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF084648.D
 Acq: 29 Jan 2016 21:19

Tgt Ion:178 Resp: 1345974
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.3 22.9
 179 16.3 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

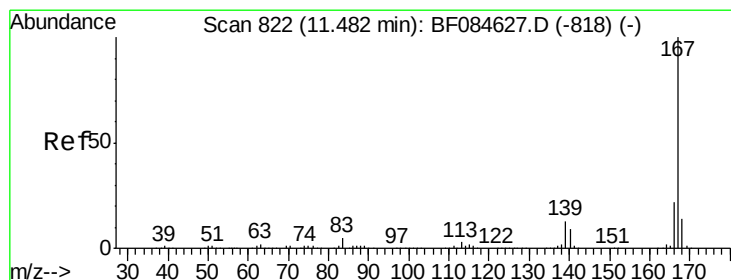
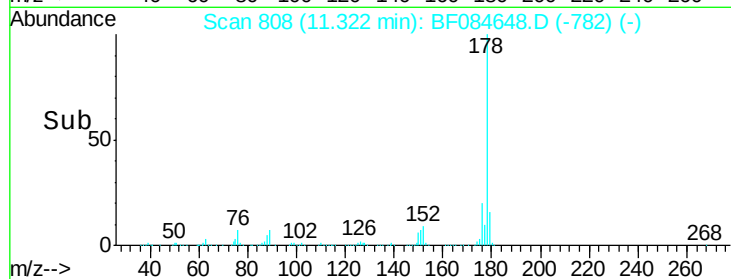
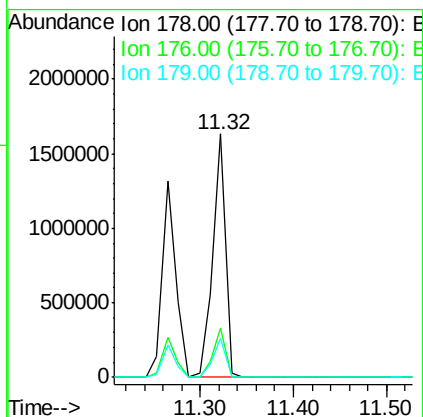
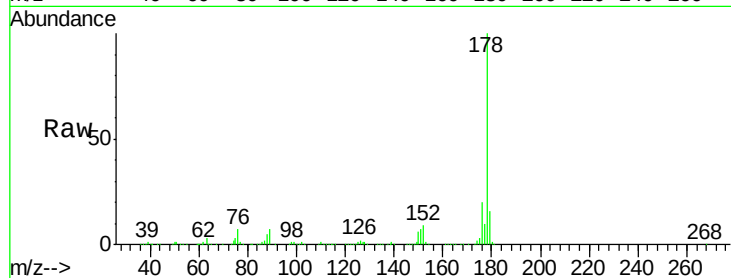




#71
 Anthracene
 Concen: 43.31 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF084648.D
 Acq: 29 Jan 2016 21:19

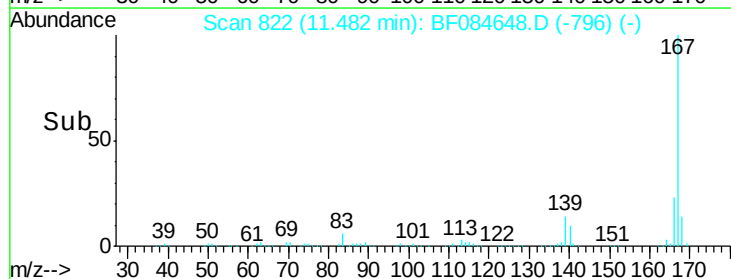
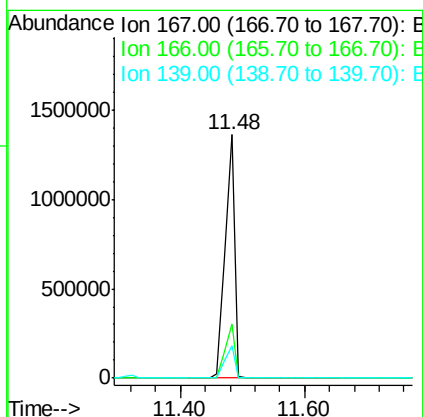
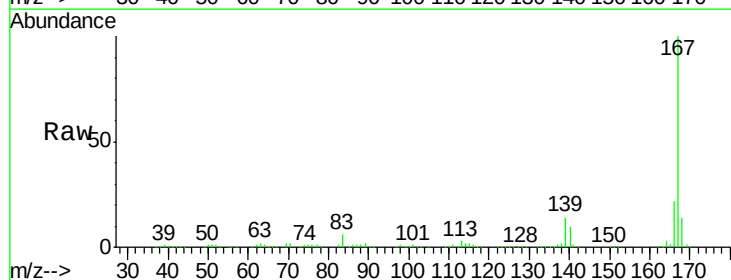
Instrument :
 BNA_F
 ClientSampleId :
 PB88084BS

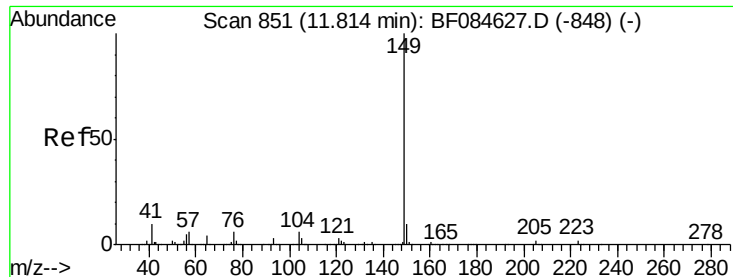
Tgt Ion:178 Resp: 1544625
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.4 23.0
 179 16.1 12.5 18.7



#72
 Carbazole
 Concen: 46.27 ng
 RT: 11.48 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BF084648.D
 Acq: 29 Jan 2016 21:19

Tgt Ion:167 Resp: 1422273
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 13.5 11.8 17.8





#73

Di-n-butylphthalate

Concen: 38.97 ng

RT: 11.81 min Scan# 851

Delta R.T. -0.00 min

Lab File: BF084648.D

Acq: 29 Jan 2016 21:19

Instrument :

BNA_F

ClientSampleId :

PB88084BS

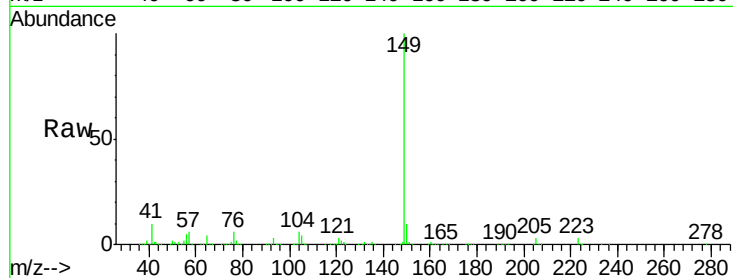
Tgt Ion:149 Resp: 1456685

Ion Ratio Lower Upper

149 100

150 9.7 7.1 10.7

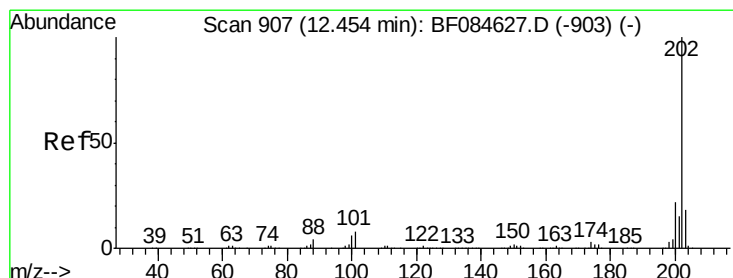
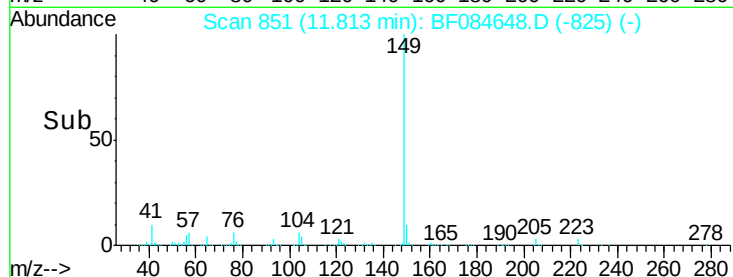
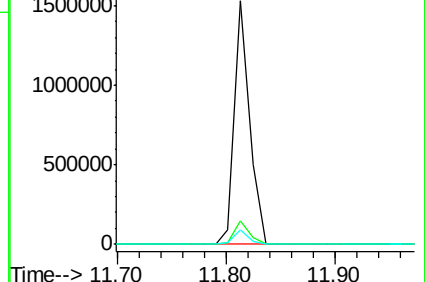
104 5.9 3.2 4.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 46.47 ng

RT: 12.45 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF084648.D

Acq: 29 Jan 2016 21:19

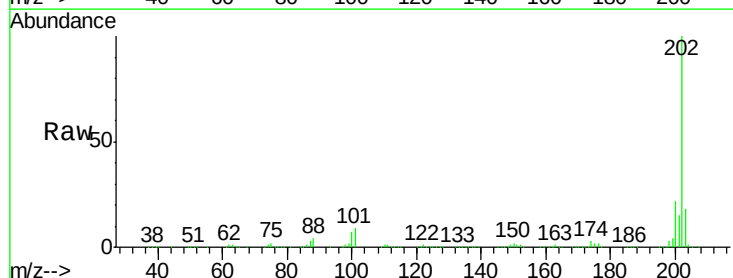
Tgt Ion:202 Resp: 1611709

Ion Ratio Lower Upper

202 100

101 9.0 0.0 32.8

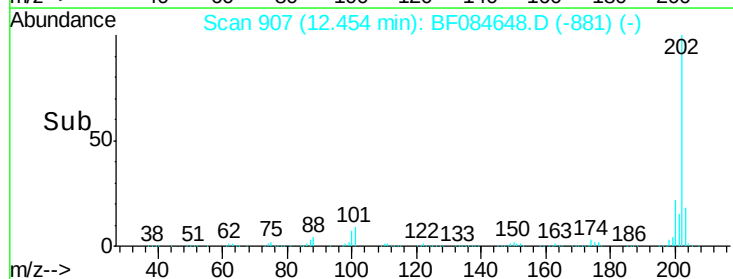
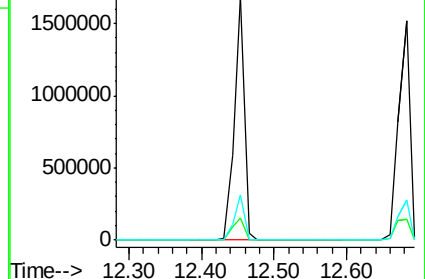
203 18.5 0.0 37.9

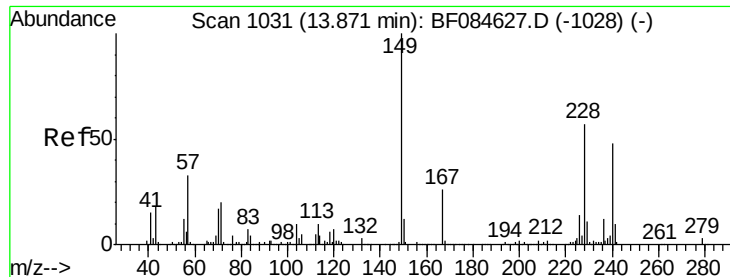


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.88 min Scan# 1032

Delta R.T. 0.01 min

Lab File: BF084648.D

Acq: 29 Jan 2016 21:19

Instrument :

BNA_F

ClientSampleId :

PB88084BS

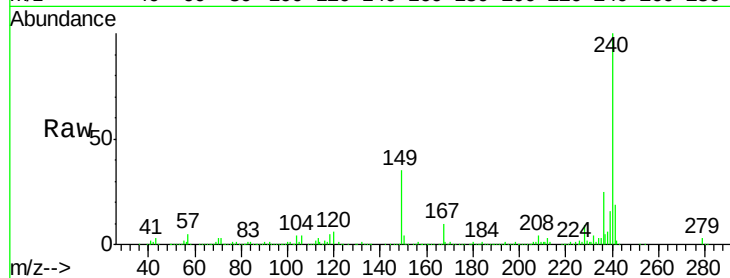
Tgt Ion:240 Resp: 514077

Ion Ratio Lower Upper

240 100

120 6.1 9.5 14.3#

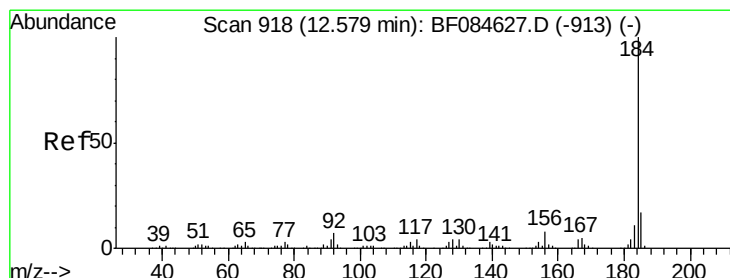
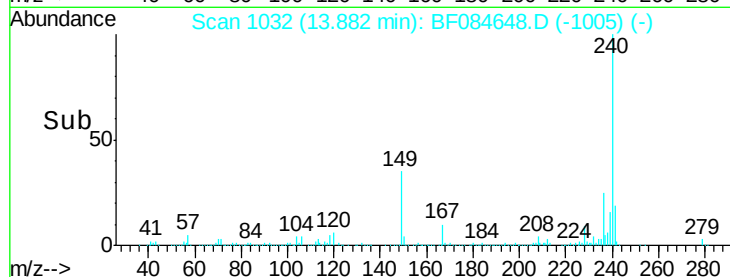
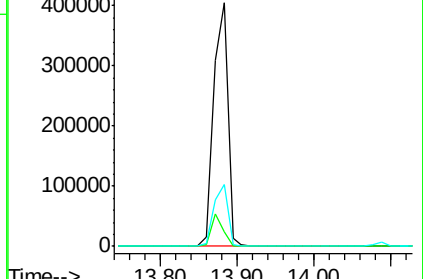
236 25.4 20.6 31.0



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



#76

Benzidine

Concen: 32.07 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF084648.D

Acq: 29 Jan 2016 21:19

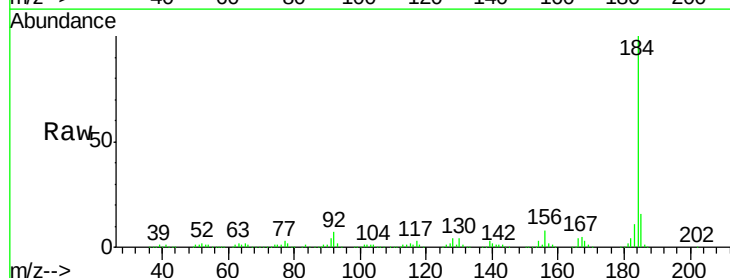
Tgt Ion:184 Resp: 626940

Ion Ratio Lower Upper

184 100

185 15.9 12.2 18.2

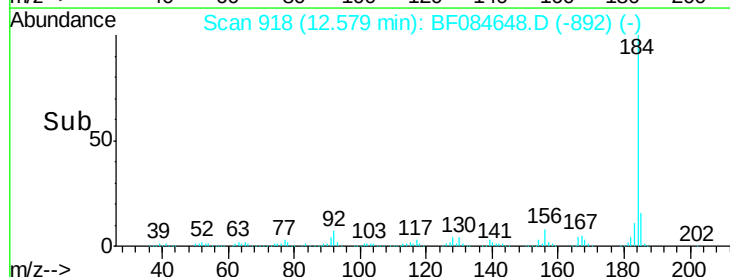
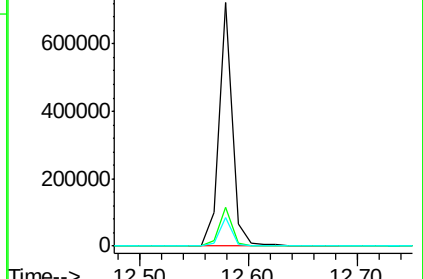
183 11.5 9.8 14.8

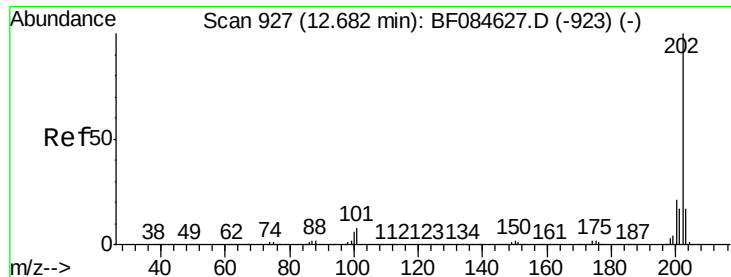


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

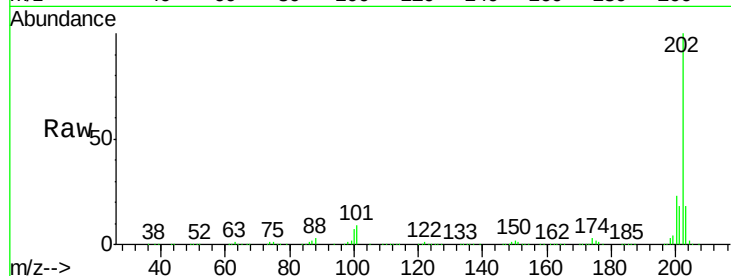




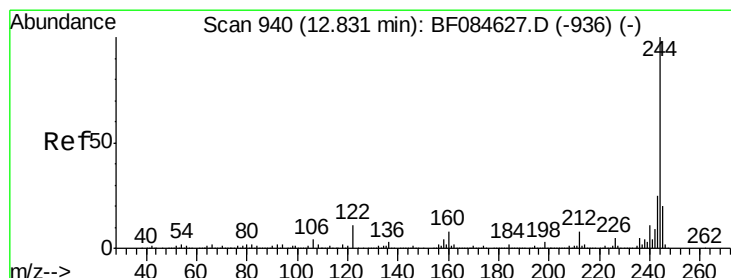
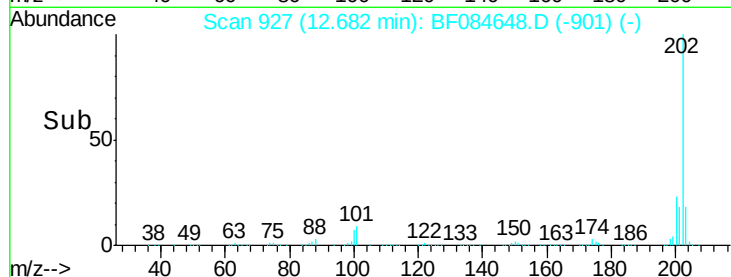
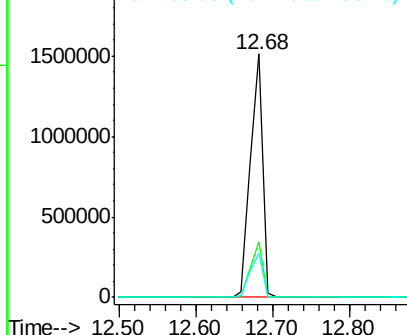
#77
 Pyrene
 Concen: 42.64 ng
 RT: 12.68 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF084648.D
 Acq: 29 Jan 2016 21:19

Instrument :
 BNA_F
 ClientSampleId :
 PB88084BS

Tgt Ion: 202 Resp: 1653404
 Ion Ratio Lower Upper
 202 100
 200 22.7 17.2 25.8
 203 18.3 14.3 21.5

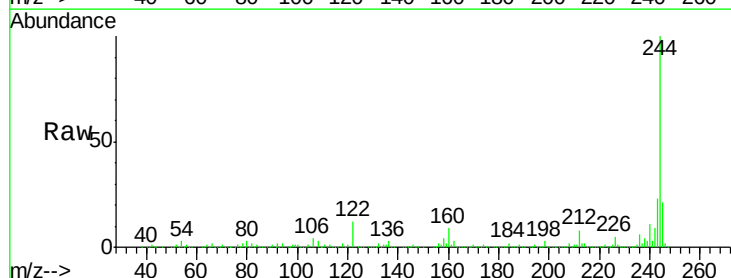


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

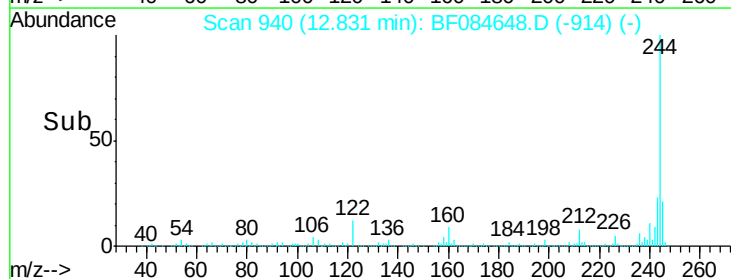
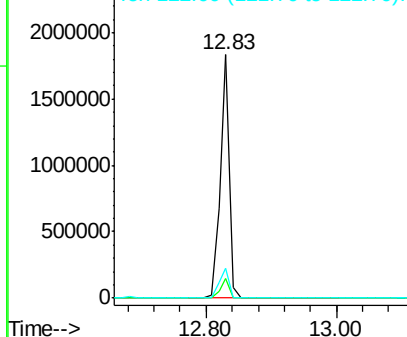


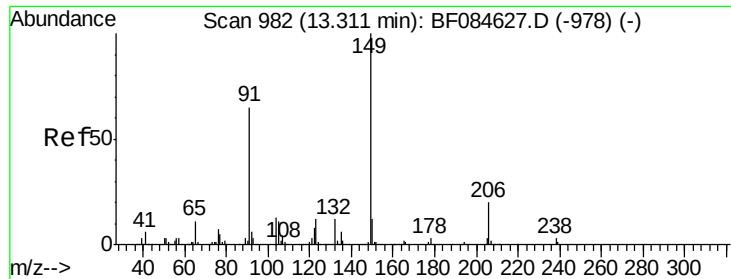
#78
 Terphenyl-d14
 Concen: 79.20 ng
 RT: 12.83 min Scan# 940
 Delta R.T. -0.00 min
 Lab File: BF084648.D
 Acq: 29 Jan 2016 21:19

Tgt Ion: 244 Resp: 1802653
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.7 8.5
 122 12.3 7.4 11.0#



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

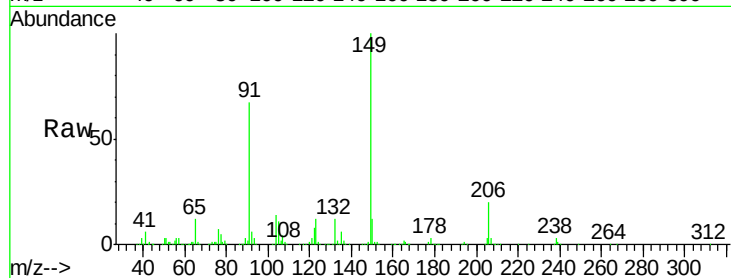




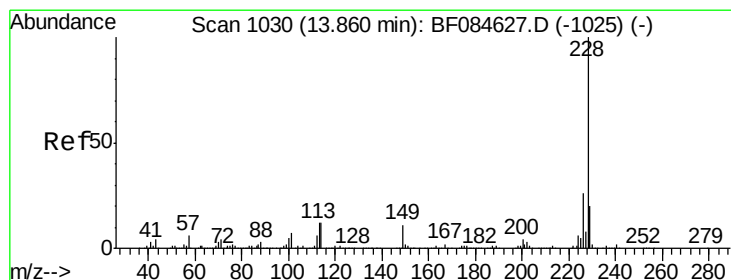
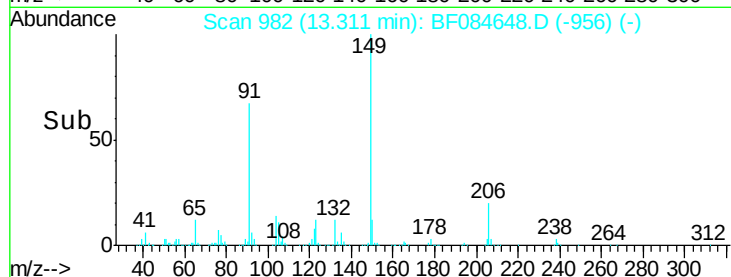
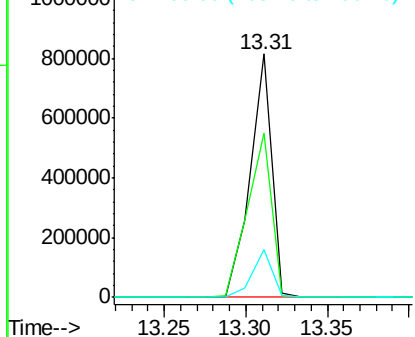
#79
Butylbenzylphthalate
Concen: 45.35 ng
RT: 13.31 min Scan# 982
Delta R.T. -0.00 min
Lab File: BF084648.D
Acq: 29 Jan 2016 21:19

Instrument :
BNA_F
ClientSampleId :
PB88084BS

Tgt Ion:149 Resp: 751227
Ion Ratio Lower Upper
149 100
91 67.4 57.6 86.4
206 19.8 13.2 19.8#

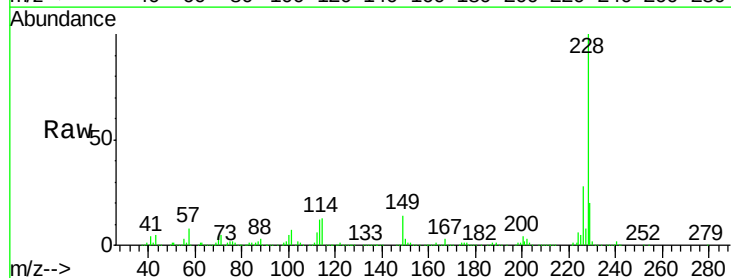


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

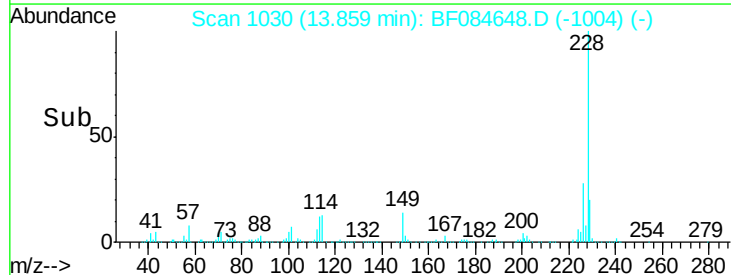
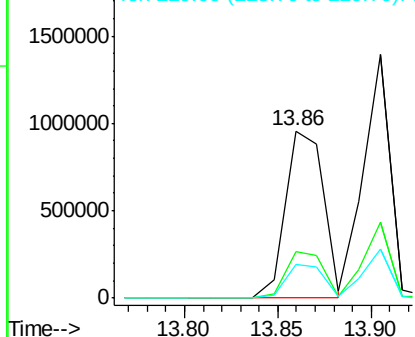


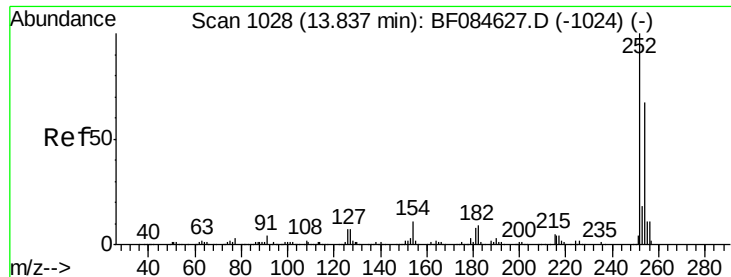
#80
Benzo(a)anthracene
Concen: 42.25 ng
RT: 13.86 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF084648.D
Acq: 29 Jan 2016 21:19

Tgt Ion:228 Resp: 1354013
Ion Ratio Lower Upper
228 100
226 27.9 21.8 32.6
229 20.3 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

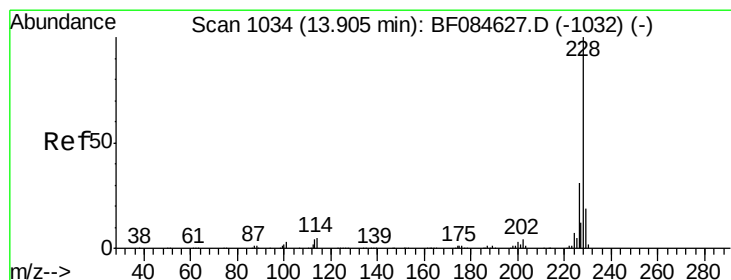
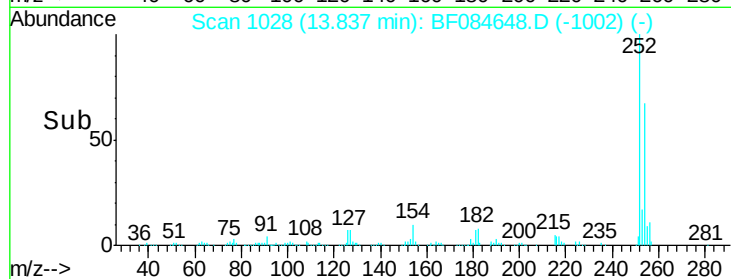
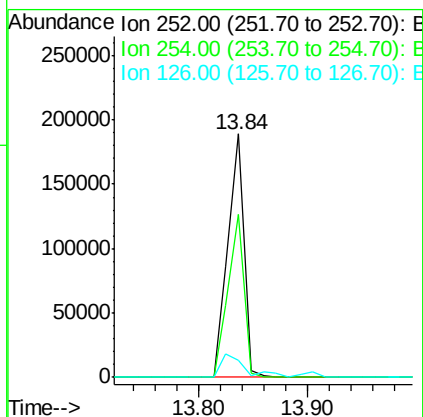
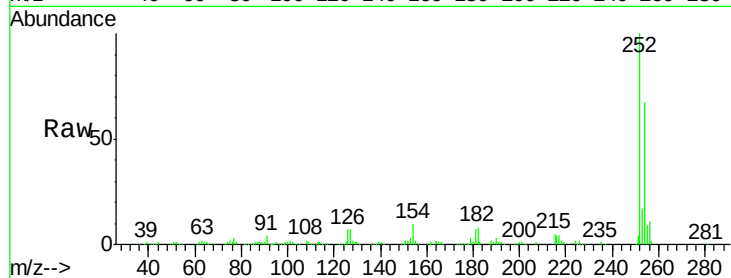




#81
 3,3'-Dichlorobenzidine
 Concen: 17.30 ng
 RT: 13.84 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BF084648.D
 Acq: 29 Jan 2016 21:19

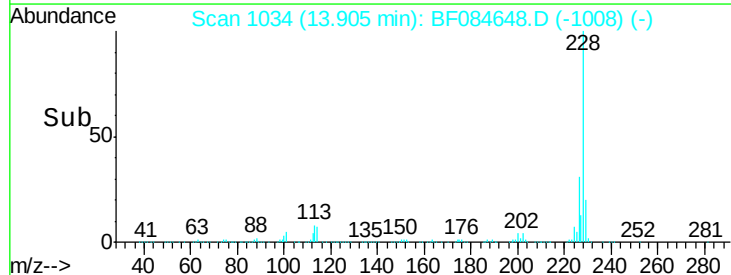
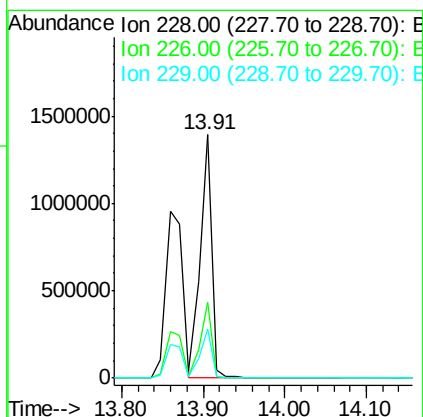
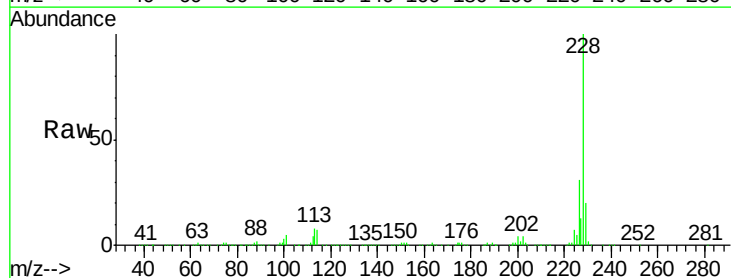
Instrument :
 BNA_F
 ClientSampleId :
 PB88084BS

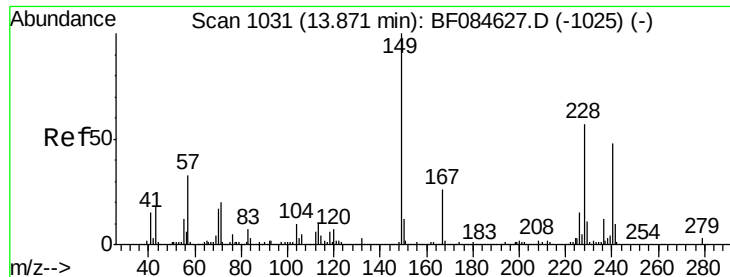
Tgt Ion:252 Resp: 195015
 Ion Ratio Lower Upper
 252 100
 254 66.8 53.5 80.3
 126 7.2 4.9 7.3



#82
 Chrysene
 Concen: 43.84 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BF084648.D
 Acq: 29 Jan 2016 21:19

Tgt Ion:228 Resp: 1384891
 Ion Ratio Lower Upper
 228 100
 226 31.4 24.3 36.5
 229 20.4 16.1 24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.21 ng

RT: 13.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF084648.D

Acq: 29 Jan 2016 21:19

Instrument :

BNA_F

ClientSampleId :

PB88084BS

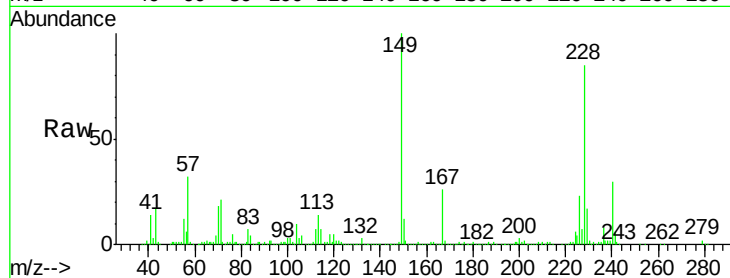
Tgt Ion:149 Resp: 906889

Ion Ratio Lower Upper

149 100

167 25.6 19.7 29.5

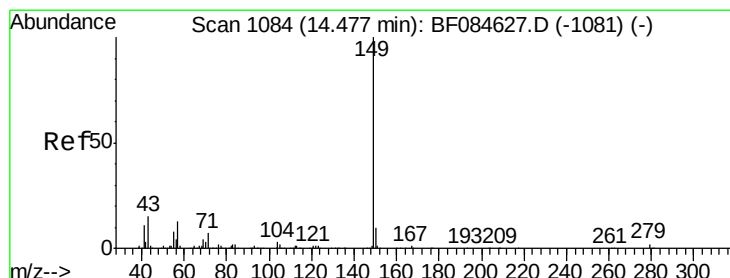
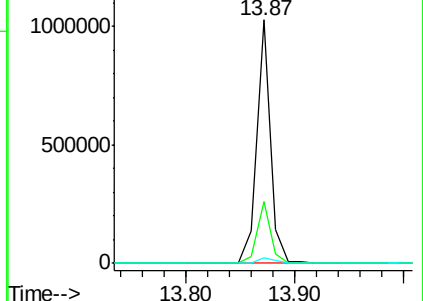
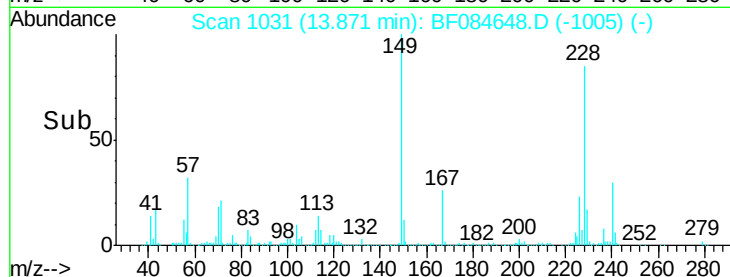
279 2.4 1.8 2.6



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: 47.84 ng

RT: 14.48 min Scan# 1084

Delta R.T. -0.00 min

Lab File: BF084648.D

Acq: 29 Jan 2016 21:19

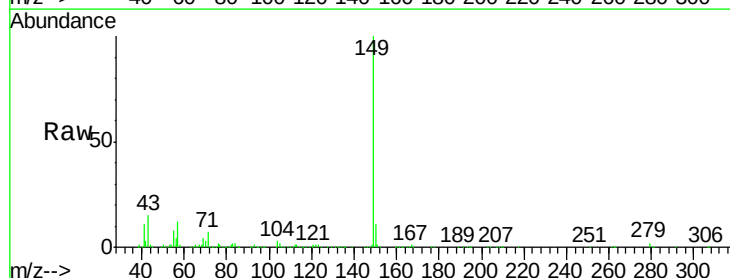
Tgt Ion:149 Resp: 1624294

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

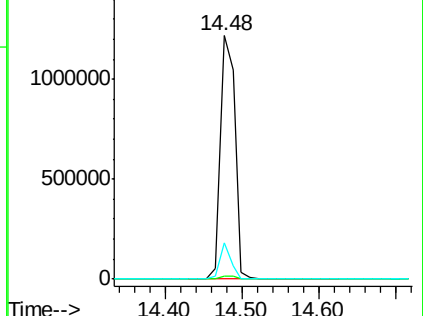
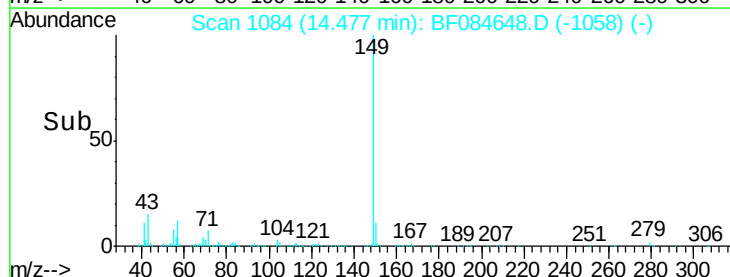
43 11.4 5.6 8.4#

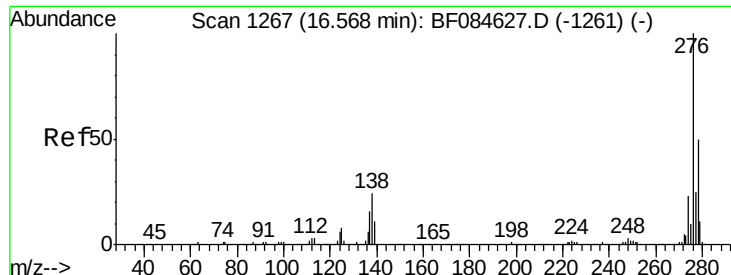


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



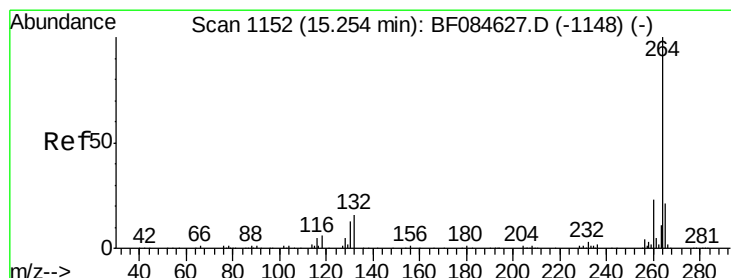
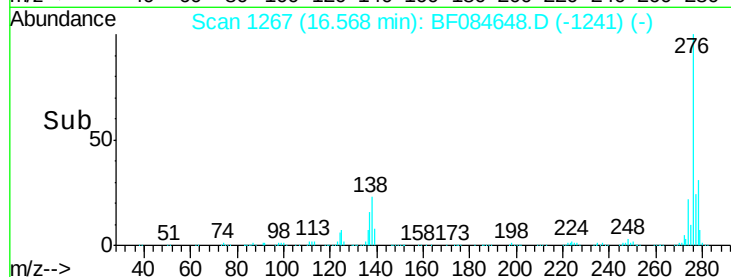
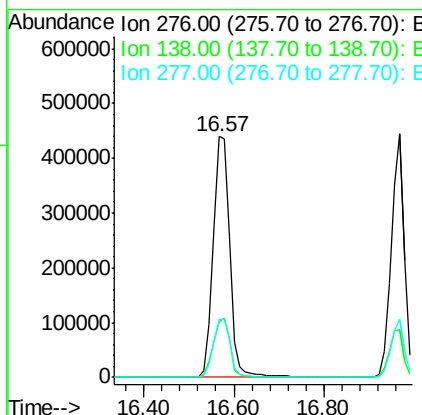
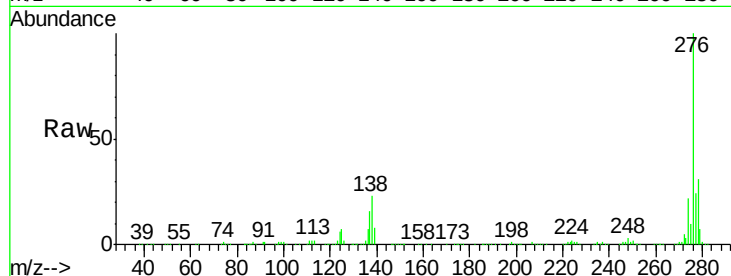


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.63 ng
 RT: 16.57 min Scan# 1267
 Delta R.T. -0.00 min
 Lab File: BF084648.D
 Acq: 29 Jan 2016 21:19

Instrument :
 BNA_F
 ClientSampleId :
 PB88084BS

Tgt Ion: 276 Resp: 1134553

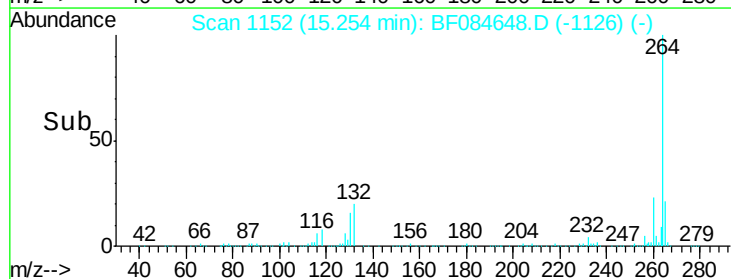
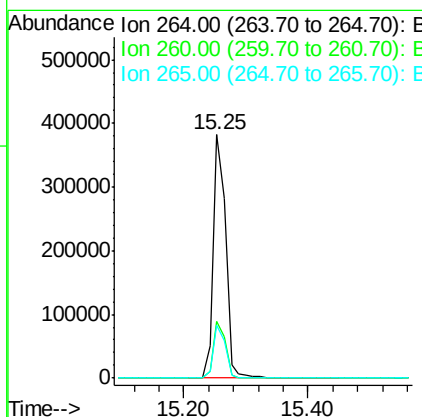
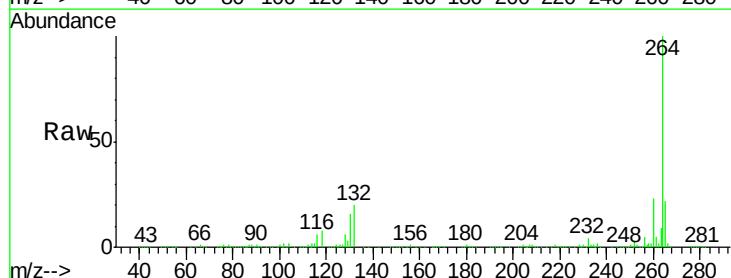
Ion	Ratio	Lower	Upper
276	100		
138	24.7	20.6	30.8
277	25.0	20.1	30.1

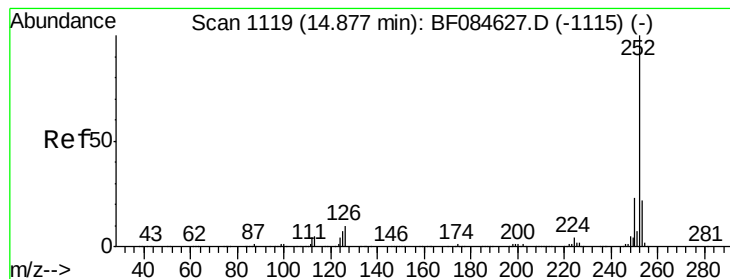


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.25 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BF084648.D
 Acq: 29 Jan 2016 21:19

Tgt Ion: 264 Resp: 518561

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.2
265	21.5	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 74.67 ng

RT: 14.88 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BF084648.D

Acq: 29 Jan 2016 21:19

Instrument :

BNA_F

ClientSampled :

PB88084BS

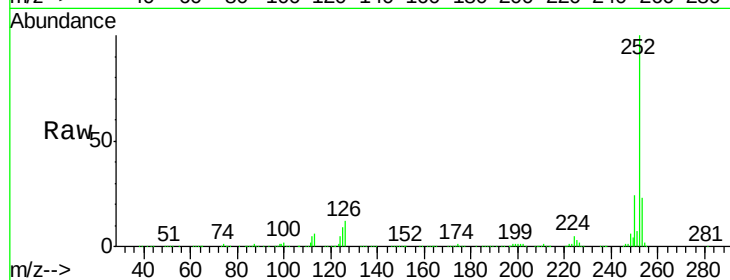
Tgt Ion:252 Resp: 2507396

Ion Ratio Lower Upper

252 100

253 22.6 17.3 25.9

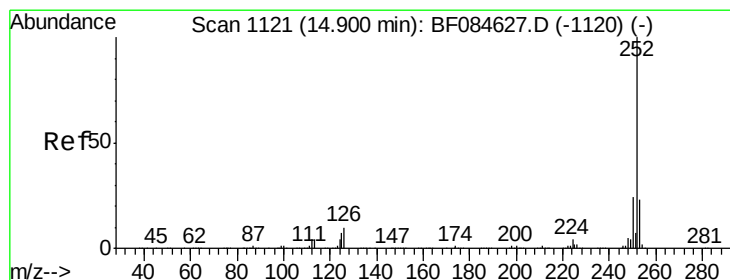
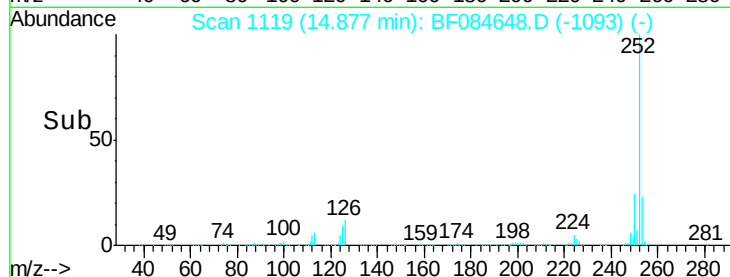
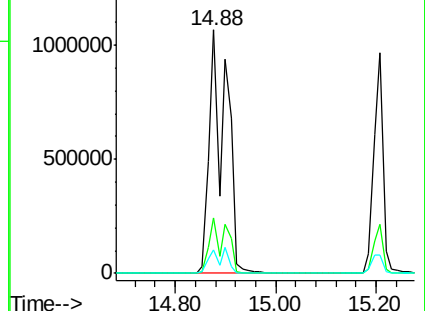
125 9.5 6.5 9.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 90.45 ng

RT: 14.88 min Scan# 1119

Delta R.T. -0.02 min

Lab File: BF084648.D

Acq: 29 Jan 2016 21:19

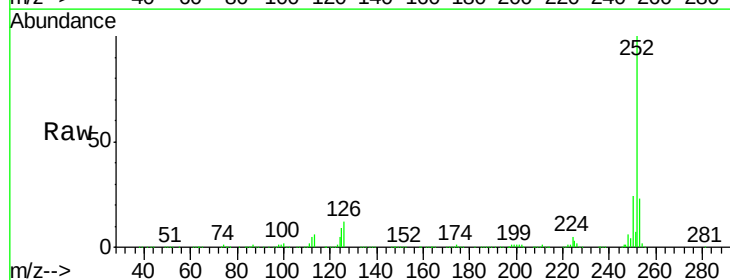
Tgt Ion:252 Resp: 2508504

Ion Ratio Lower Upper

252 100

253 22.6 18.1 27.1

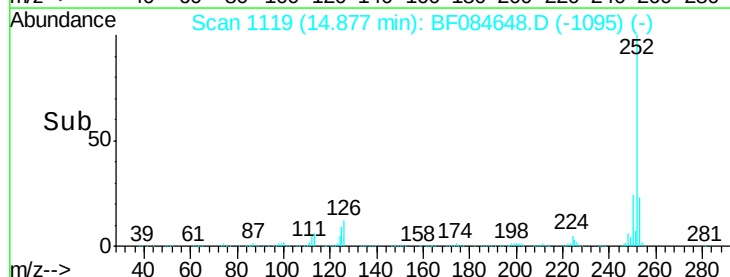
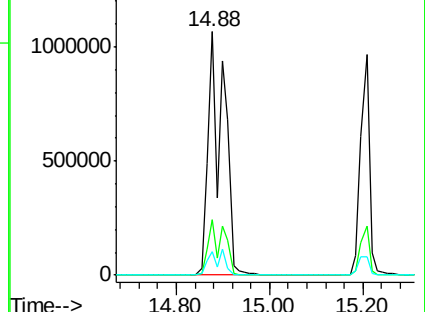
125 9.5 9.0 13.6

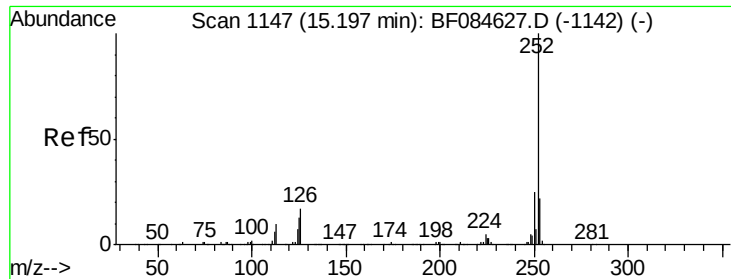


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 42.93 ng

RT: 15.21 min Scan# 1148

Delta R.T. 0.01 min

Lab File: BF084648.D

Acq: 29 Jan 2016 21:19

Instrument :

BNA_F

ClientSampleId :

PB88084BS

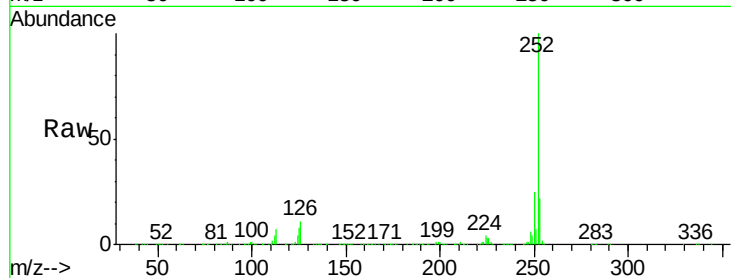
Tgt Ion:252 Resp: 1247048

Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

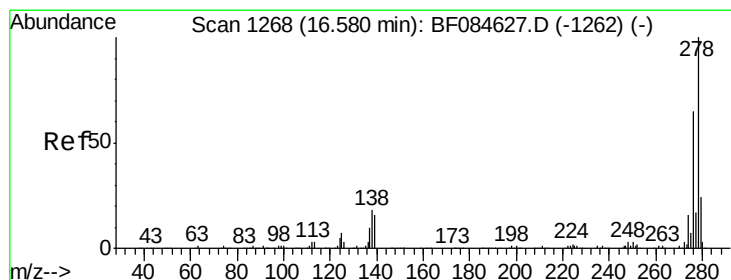
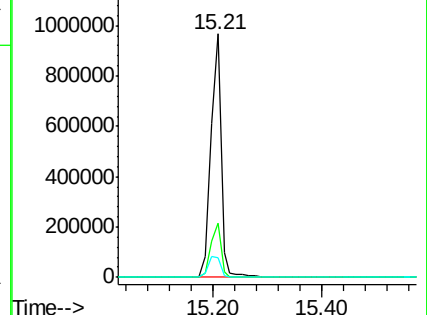
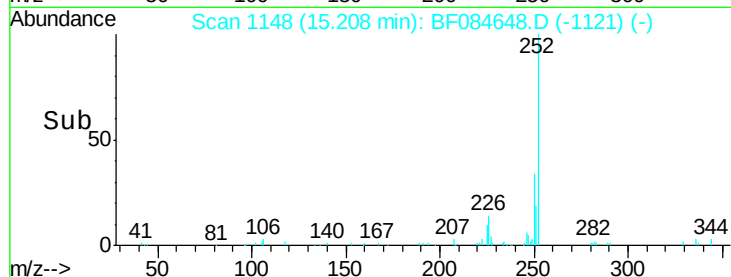
125 8.3 7.0 10.4



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: 36.52 ng

RT: 16.59 min Scan# 1269

Delta R.T. 0.01 min

Lab File: BF084648.D

Acq: 29 Jan 2016 21:19

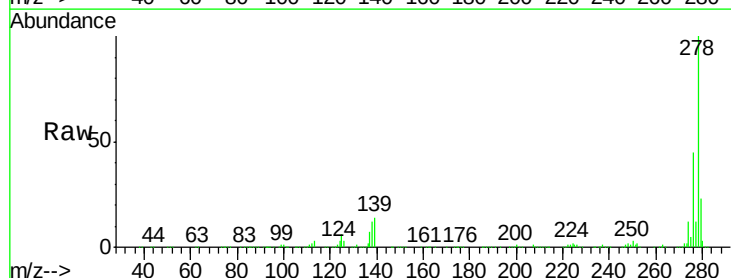
Tgt Ion:278 Resp: 956010

Ion Ratio Lower Upper

278 100

139 13.6 15.0 22.4#

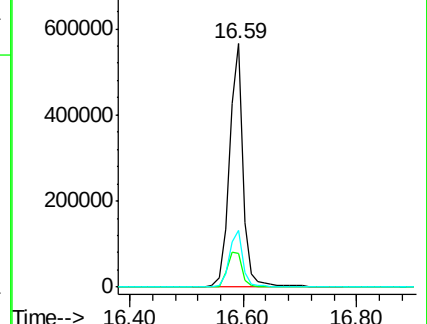
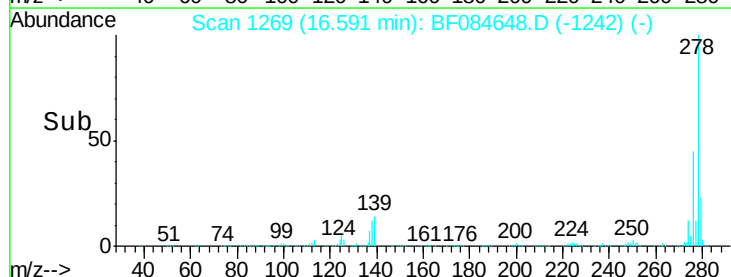
279 23.3 18.9 28.3

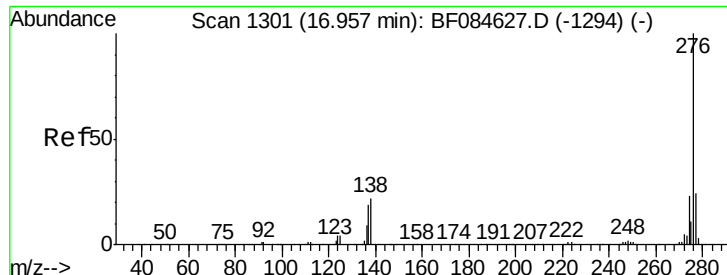


Abundance Ion 278.00 (277.70 to 278.70): E

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: 34.33 ng

RT: 16.97 min Scan# 1302

Delta R.T. 0.01 min

Lab File: BF084648.D

Acq: 29 Jan 2016 21:19

Instrument :

BNA_F

ClientSampleId :

PB88084BS

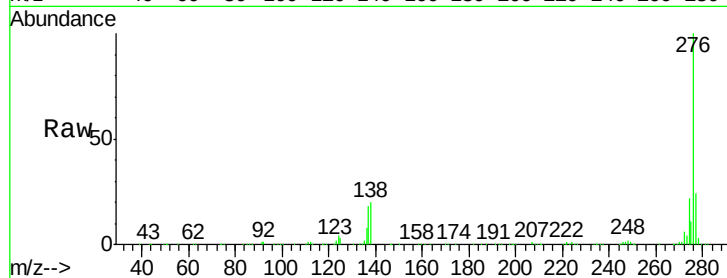
Tgt Ion: 276 Resp: 907317

Ion Ratio Lower Upper

276 100

277 24.0 18.8 28.2

138 19.7 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

