

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020616\
 Data File : BF084905.D
 Acq On : 6 Feb 2016 12:12
 Operator : SJ/IZ
 Sample : PB88196BS
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88196BS

Quant Time: Feb 08 01:20:06 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	158112	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	678386	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	301255	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	494333	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	295353	20.00	ng	-0.03
86) Perylene-d12	15.17	264	305894	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	1256932	123.82	ng	-0.01
7) Phenol-d6	6.32	99	1458838	115.92	ng	-0.02
23) Nitrobenzene-d5	7.23	82	940297	78.08	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	310904	98.94	ng	-0.03
44) 2-Fluorobiphenyl	9.02	172	1584244	90.54	ng	-0.03
78) Terphenyl-d14	12.76	244	1163795	89.29	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.21	88	143822	32.35	ng	# 74
3) Pyridine	2.85	79	469474	40.52	ng	# 73
4) n-Nitrosodimethylamine	2.82	42	240643	40.16	ng	87
6) Aniline	6.33	93	462772	30.05	ng	# 64
8) 2-Chlorophenol	6.45	128	457567	39.82	ng	92
9) Benzaldehyde	6.20	77	168760	22.71	ng	98
10) Phenol	6.33	94	476834	33.82	ng	# 49
11) bis(2-Chloroethyl)ether	6.41	93	442654	40.27	ng	86
12) 1,3-Dichlorobenzene	6.60	146	487221	40.13	ng	98
13) 1,4-Dichlorobenzene	6.68	146	497353	40.98	ng	93
14) 1,2-Dichlorobenzene	6.83	146	427256	37.80	ng	97
15) Benzyl Alcohol	6.82	79	387100	44.55	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.96	45	719102	38.89	ng	88
17) 2-Methylphenol	6.94	107	380408	41.86	ng	# 93
18) Hexachloroethane	7.17	117	182233	38.99	ng	96
19) n-Nitroso-di-n-propylamine	7.09	70	329269	41.74	ng	# 78
20) 3+4-Methylphenols	7.09	107	456128	40.44	ng	# 83
22) Acetophenone	7.08	105	638226	35.70	ng	98
24) Nitrobenzene	7.25	77	490496	38.04	ng	97
25) Isophorone	7.49	82	859356	36.70	ng	97
26) 2-Nitrophenol	7.57	139	259793	40.85	ng	94
27) 2,4-Dimethylphenol	7.62	122	386206	34.91	ng	94
28) bis(2-Chloroethoxy)methane	7.71	93	506912	36.49	ng	99
29) 2,4-Dichlorophenol	7.81	162	353276	37.32	ng	94
30) 1,2,4-Trichlorobenzene	7.89	180	395494	36.99	ng	96
31) Naphthalene	7.97	128	1337063	39.29	ng	100
32) Benzoic acid	7.77	122	247163	34.93	ng	96
33) 4-Chloroaniline	8.03	127	318012	22.60	ng	# 93
34) Hexachlorobutadiene	8.09	225	220354	35.74	ng	97
35) Caprolactam	8.41	113	81997	28.10	ng	# 50
36) 4-Chloro-3-methylphenol	8.52	107	399261	36.97	ng	96
37) 2-Methylnaphthalene	8.66	142	798769	37.51	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	379277	39.64	ng	99
40) Hexachlorocyclopentadiene	8.82	237	231364	60.81	ng	98

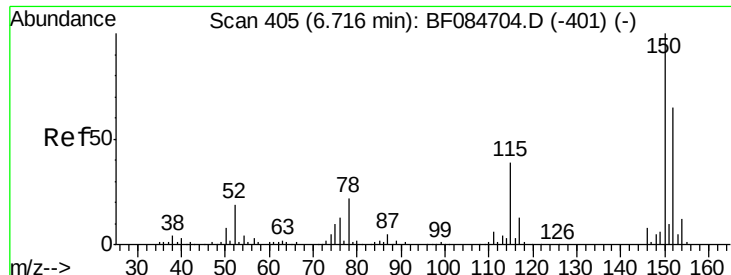
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	234352	38.02	ng	96
43) 2,4,5-Trichlorophenol	8.99	196	245103	39.14	ng	# 86
45) 1,1'-Biphenyl	9.13	154	1016292	37.77	ng	99
46) 2-Chloronaphthalene	9.15	162	787520	39.74	ng	93
47) 2-Nitroaniline	9.25	65	269507	42.95	ng	93
48) Acenaphthylene	9.56	152	1168336	38.85	ng	98
49) Dimethylphthalate	9.44	163	847078	36.92	ng	# 89
50) 2,6-Dinitrotoluene	9.49	165	185032	36.91	ng	# 42
51) Acenaphthene	9.73	154	741342	37.89	ng	98
52) 3-Nitroaniline	9.66	138	159520	28.32	ng	87
53) 2,4-Dinitrophenol	9.78	184	108753	49.40	ng	85
54) Dibenzofuran	9.90	168	976802	40.85	ng	93
55) 4-Nitrophenol	9.85	139	250383	60.49	ng	# 80
56) 2,4-Dinitrotoluene	9.90	165	266703	41.72	ng	90
57) Fluorene	10.25	166	818943	41.02	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.03	232	213247	44.73	ng	89
59) Diethylphthalate	10.13	149	819701	36.59	ng	99
60) 4-Chlorophenyl-phenylether	10.25	204	371762	44.19	ng	# 85
61) 4-Nitroaniline	10.28	138	211663	38.56	ng	# 79
62) Azobenzene	10.40	77	894353	41.51	ng	86
64) 4,6-Dinitro-2-methylphenol	10.30	198	93057	30.50	ng	# 63
65) n-Nitrosodiphenylamine	10.36	169	655435	41.76	ng	99
66) 4-Bromophenyl-phenylether	10.73	248	229534	42.04	ng	# 79
67) Hexachlorobenzene	10.80	284	260880	43.85	ng	# 88
68) Atrazine	10.90	200	238120	48.04	ng	97
69) Pentachlorophenol	10.99	266	206902	74.00	ng	98
70) Phenanthrene	11.21	178	1118750	40.80	ng	100
71) Anthracene	11.25	178	1129023	40.87	ng	99
72) Carbazole	11.41	167	973189	40.40	ng	98
73) Di-n-butylphthalate	11.76	149	1373186	44.77	ng	# 98
74) Fluoranthene	12.39	202	1047865	37.76	ng	96
76) Benzidine	12.51	184	470886	46.40	ng	99
77) Pyrene	12.61	202	1047055	46.30	ng	99
79) Butylbenzylphthalate	13.24	149	454872	44.34	ng	96
80) Benzo(a)anthracene	13.79	228	794261	43.33	ng	99
81) 3,3'-Dichlorobenzidine	13.77	252	218095	33.60	ng	# 97
82) Chrysene	13.84	228	762707	42.91	ng	99
83) Bis(2-ethylhexyl)phthalate	13.80	149	572161	44.82	ng	99
84) Di-n-octyl phthalate	14.42	149	994607	47.22	ng	# 91
85) Indeno(1,2,3-cd)pyrene	16.45	276	781584	55.86	ng	99
87) Benzo(b)fluoranthene	14.83	252	1540188	74.94	ng	98
88) Benzo(k)fluoranthene	14.83	252	1541239	90.69	ng	# 95
89) Benzo(a)pyrene	15.12	252	748086	42.72	ng	# 94
90) Dibenzo(a,h)anthracene	16.47	278	651876	44.22	ng	97
91) Benzo(g,h,i)perylene	16.83	276	632915	42.62	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.02 min

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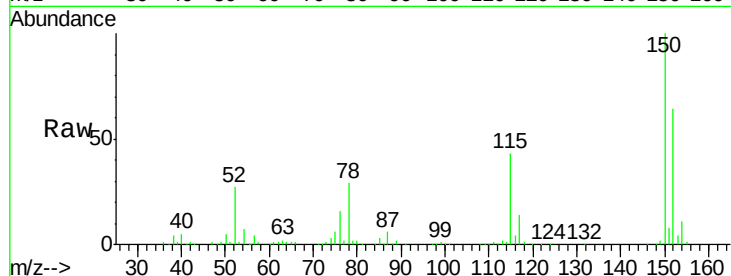
Tgt Ion: 152 Resp: 158112

Ion Ratio Lower Upper

152 100

150 156.8 123.0 184.4

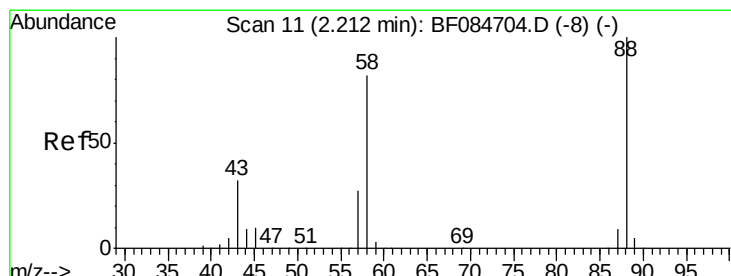
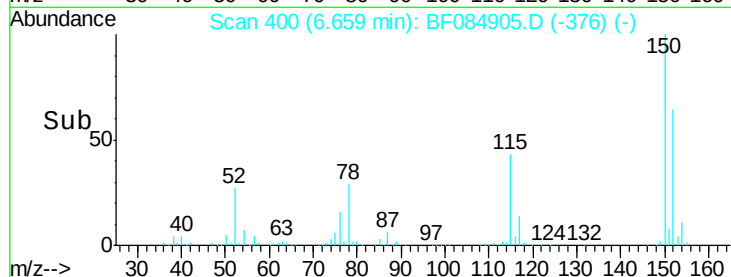
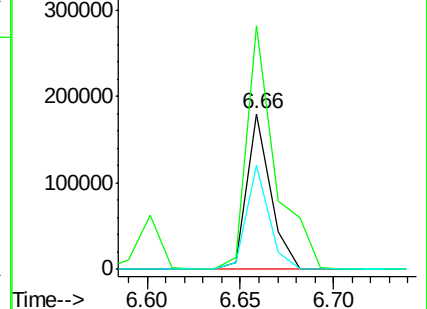
115 67.4 51.4 77.2



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: 32.35 ng

RT: 2.21 min Scan# 11

Delta R.T. 0.03 min

Lab File: BF084905.D

Acq: 6 Feb 2016 12:12

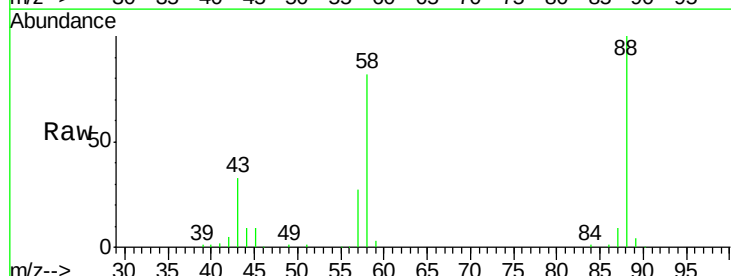
Tgt Ion: 88 Resp: 143822

Ion Ratio Lower Upper

88 100

58 85.9 51.2 76.8#

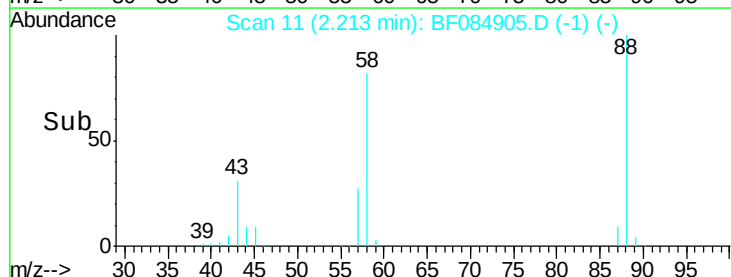
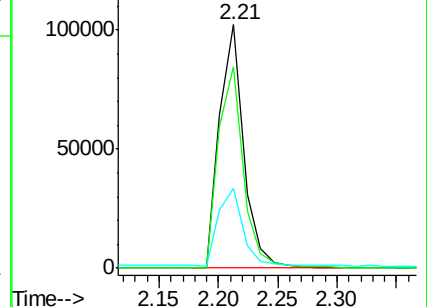
43 34.3 19.5 29.3#

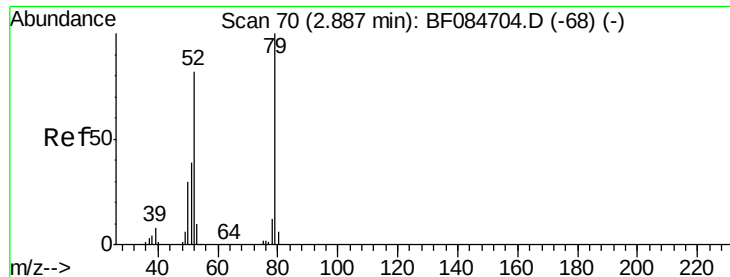


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 40.52 ng

RT: 2.85 min Scan# 67

Delta R.T. 0.01 min

Lab File: BF084905.D

Acq: 6 Feb 2016 12:12

Instrument :

BNA_F

ClientSampleId :

PB88196BS

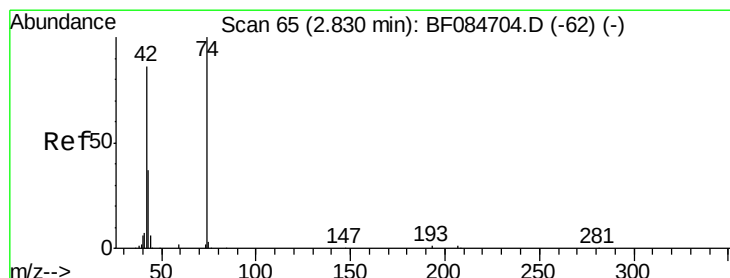
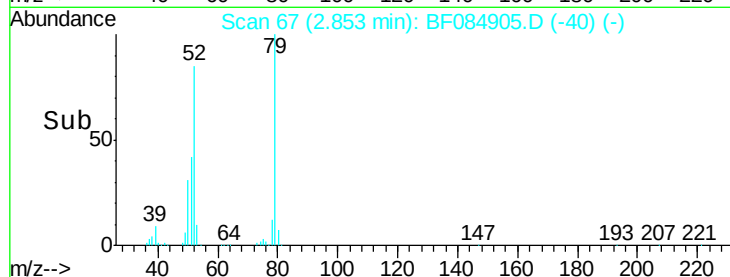
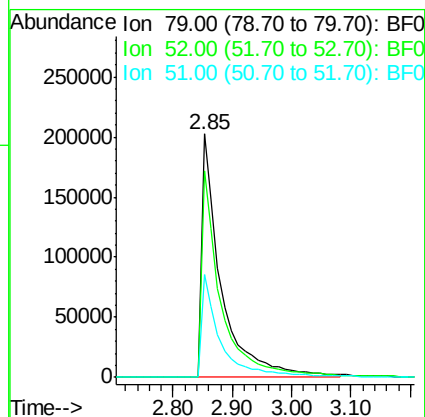
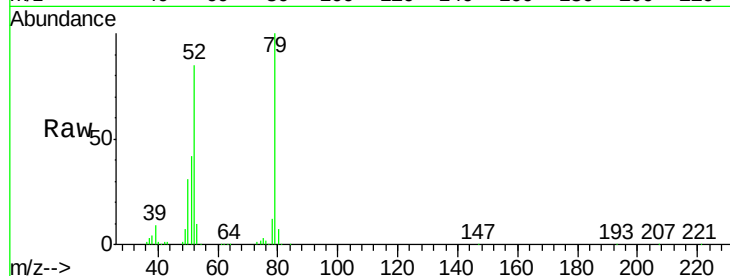
Tgt Ion: 79 Resp: 469474

Ion Ratio Lower Upper

79 100

52 84.9 49.0 73.4#

51 42.0 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 40.16 ng

RT: 2.82 min Scan# 64

Delta R.T. 0.02 min

Lab File: BF084905.D

Acq: 6 Feb 2016 12:12

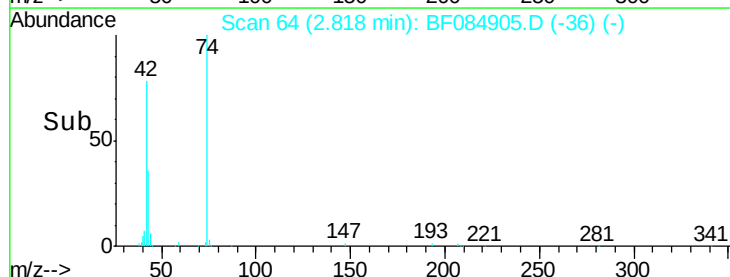
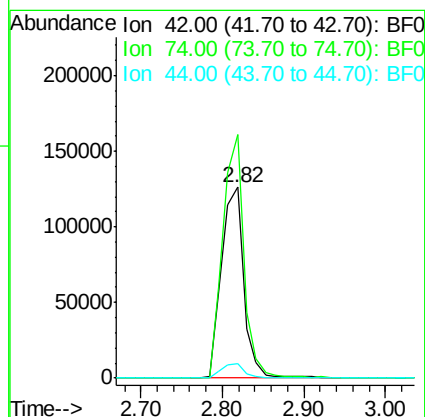
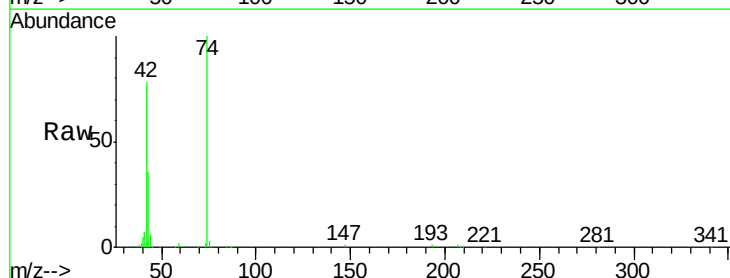
Tgt Ion: 42 Resp: 240643

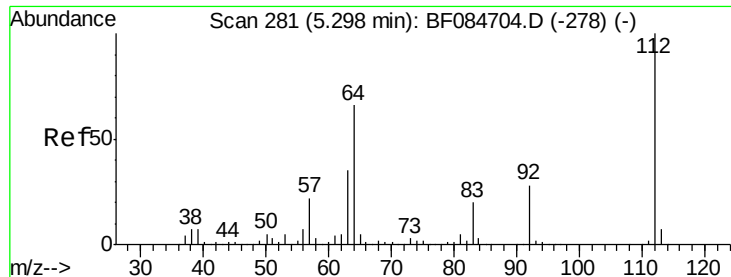
Ion Ratio Lower Upper

42 100

74 127.4 115.7 173.5

44 7.5 5.1 7.7





#5

2-Fluorophenol

Concen: 123.82 ng

RT: 5.26 min Scan# 278

Delta R.T. -0.01 min

Lab File: BF084905.D

Acq: 6 Feb 2016 12:12

Instrument :

BNA_F

ClientSampleId :

PB88196BS

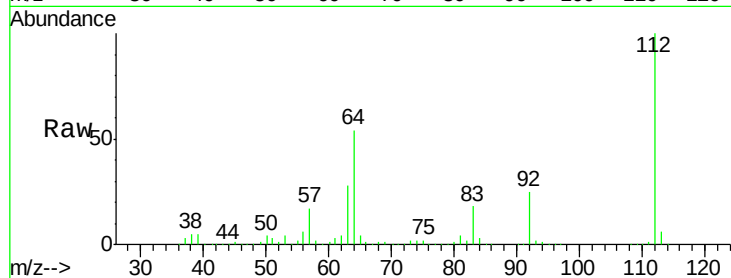
Tgt Ion: 112 Resp: 1256932

Ion Ratio Lower Upper

112 100

64 54.3 36.6 55.0

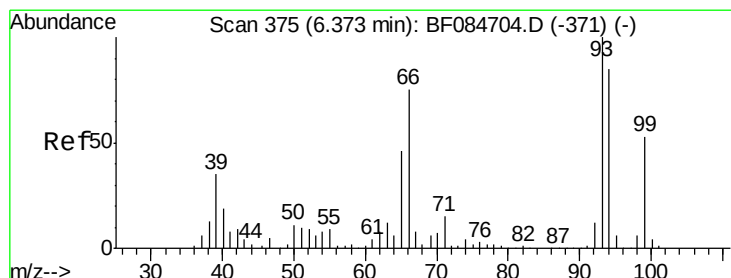
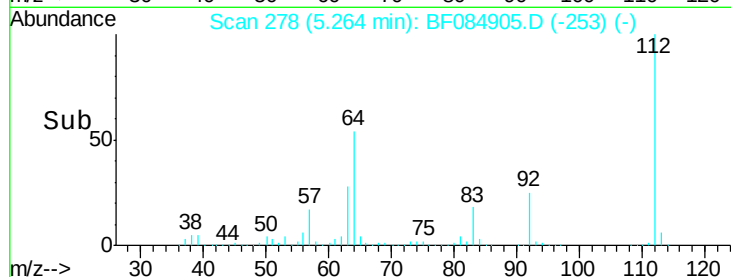
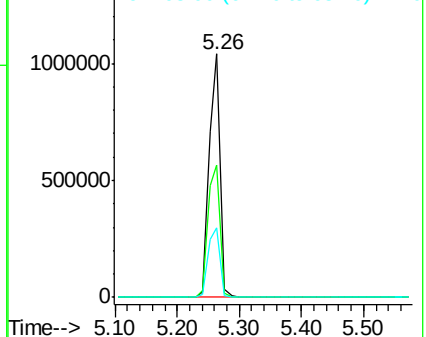
63 28.5 19.4 29.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 30.05 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.02 min

Lab File: BF084905.D

Acq: 6 Feb 2016 12:12

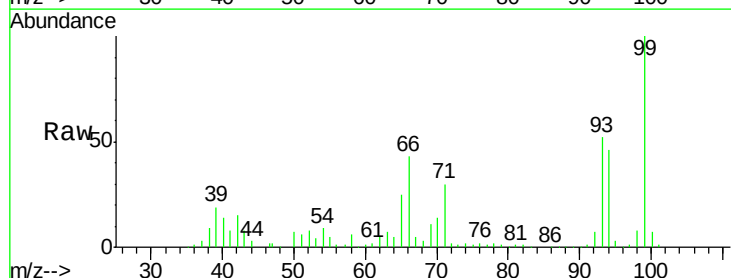
Tgt Ion: 93 Resp: 462772

Ion Ratio Lower Upper

93 100

66 82.7 44.9 67.3#

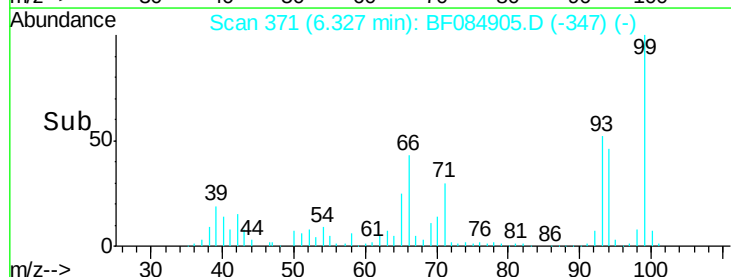
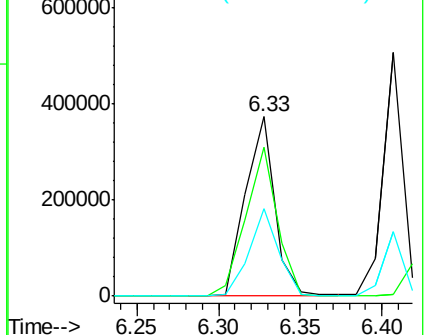
65 48.8 23.7 35.5#

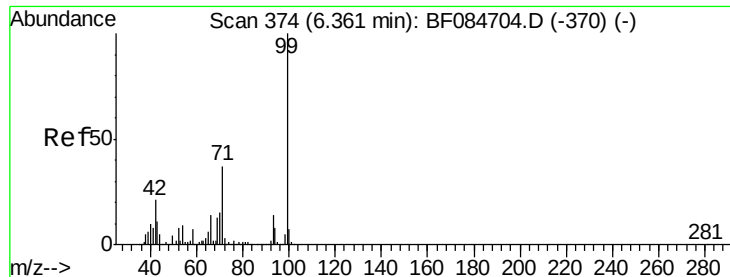


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 115.92 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.02 min

Lab File: BF084905.D

Acq: 6 Feb 2016 12:12

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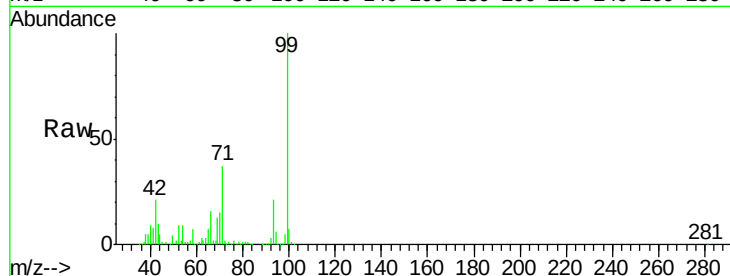
Tgt Ion: 99 Resp: 1458838

Ion Ratio Lower Upper

99 100

42 20.7 12.8 19.2#

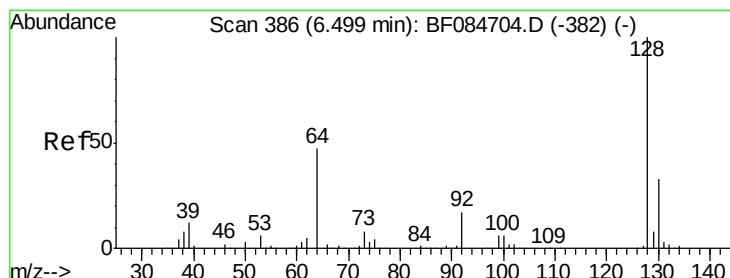
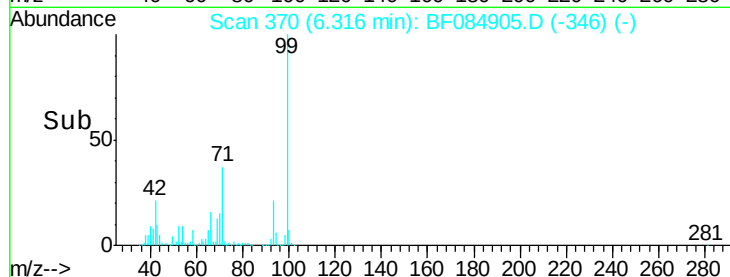
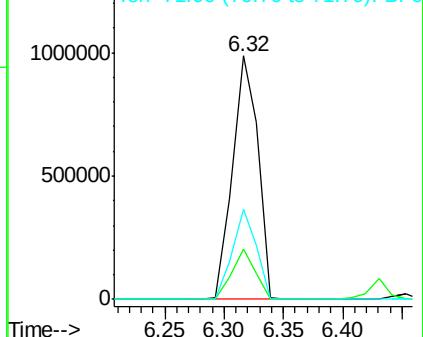
71 37.1 30.9 46.3



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: 39.82 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.02 min

Lab File: BF084905.D

Acq: 6 Feb 2016 12:12

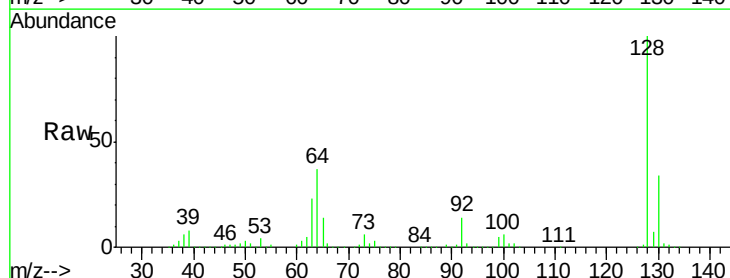
Tgt Ion: 128 Resp: 457567

Ion Ratio Lower Upper

128 100

130 34.3 11.6 51.6

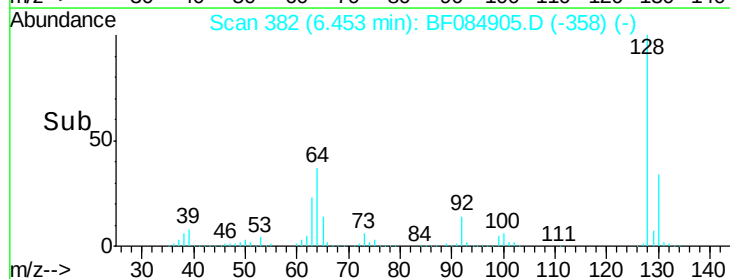
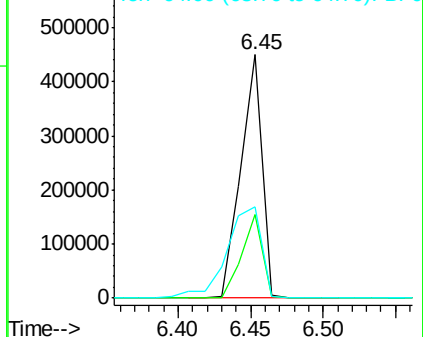
64 37.4 23.8 63.8

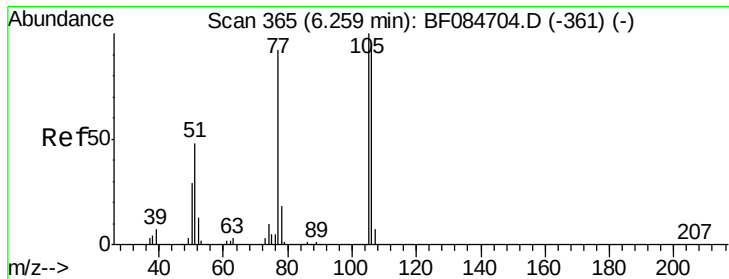


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 22.71 ng

RT: 6.20 min Scan# 360

Delta R.T. -0.03 min

Lab File: BF084905.D

Acq: 6 Feb 2016 12:12

Instrument :

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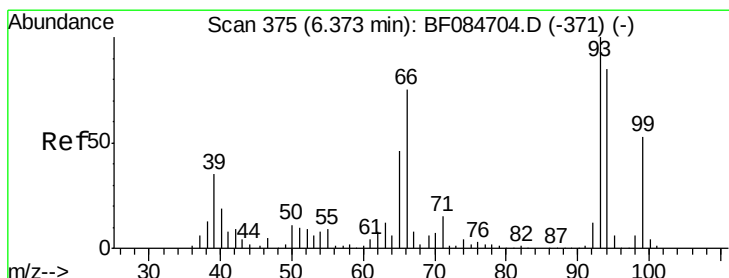
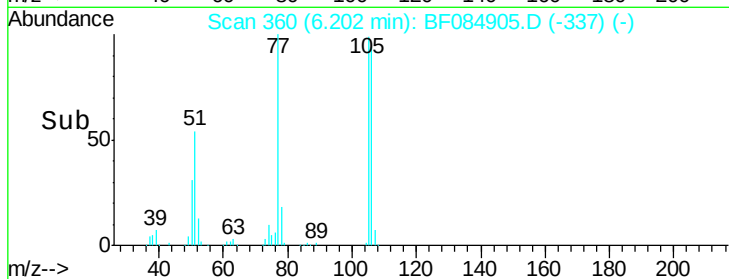
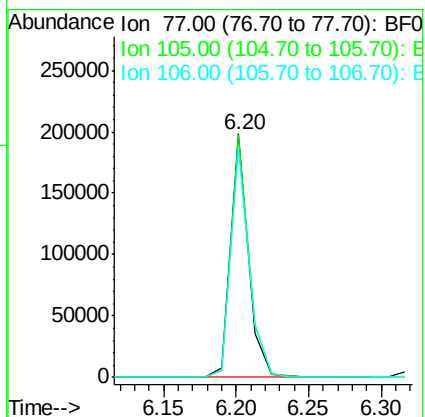
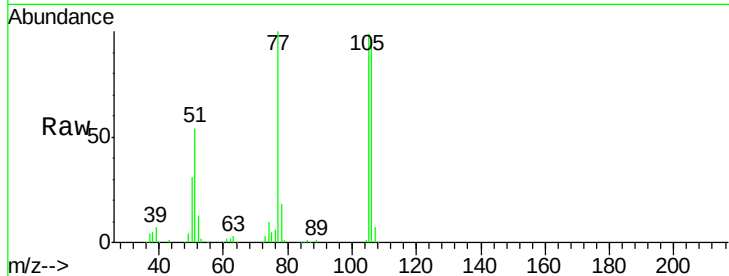
Tgt Ion: 77 Resp: 168760

Ion Ratio Lower Upper

77 100

105 99.5 83.0 123.0

106 94.5 74.6 114.6



#10

Phenol

Concen: 33.82 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.02 min

Lab File: BF084905.D

Acq: 6 Feb 2016 12:12

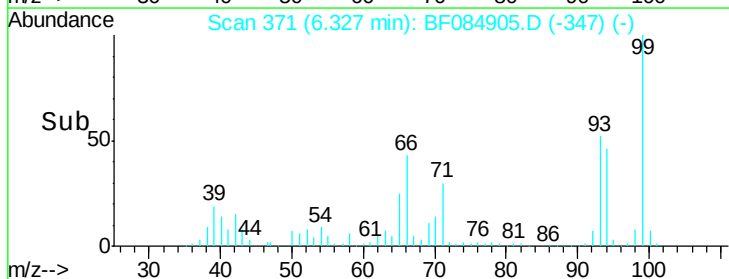
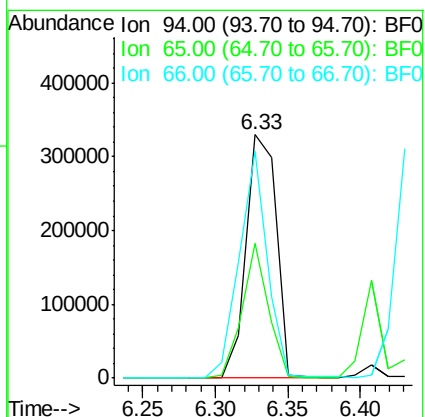
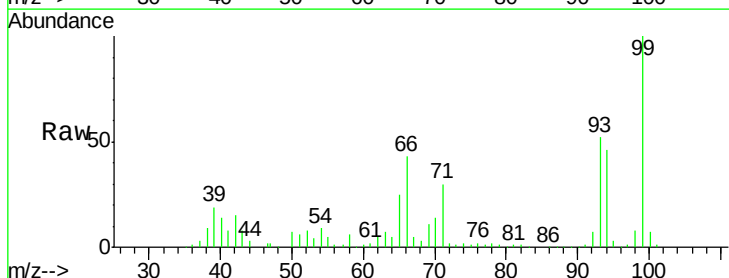
Tgt Ion: 94 Resp: 476834

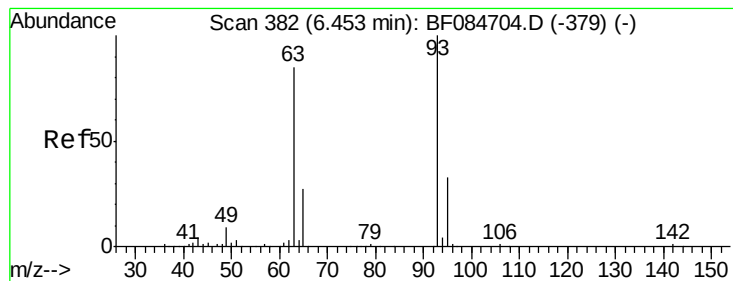
Ion Ratio Lower Upper

94 100

65 55.2 12.9 52.9#

66 93.4 32.7 72.7#





#11

bis(2-Chloroethyl)ether

Concen: 40.27 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.02 min

Lab File: BF084905.D

Acq: 6 Feb 2016 12:12

Instrument :

BNA_F

ClientSampleId :

PB88196BS

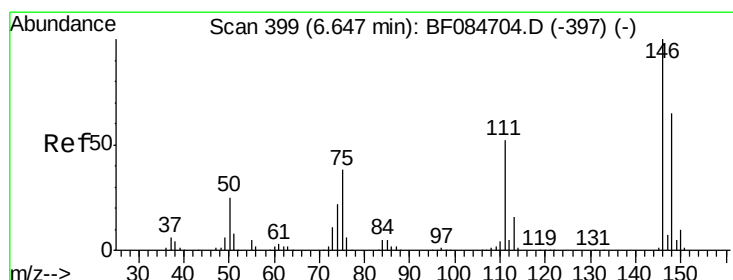
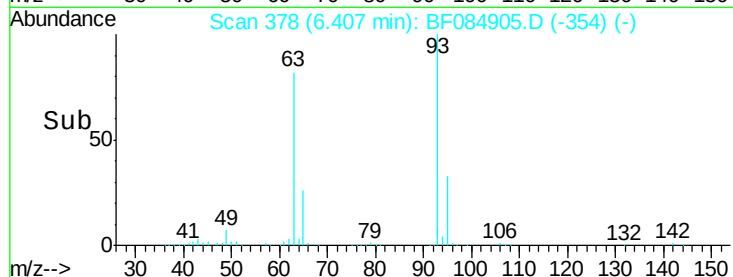
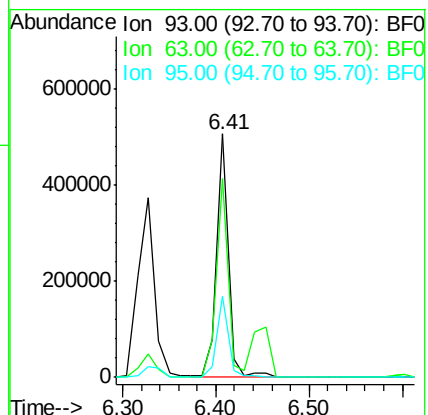
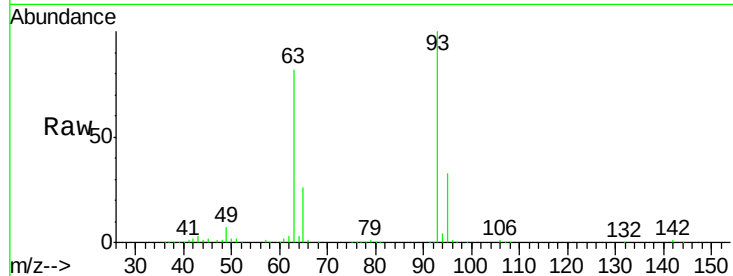
Tgt Ion: 93 Resp: 442654

Ion Ratio Lower Upper

93 100

63 81.8 45.9 85.9

95 33.5 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 40.13 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF084905.D

Acq: 6 Feb 2016 12:12

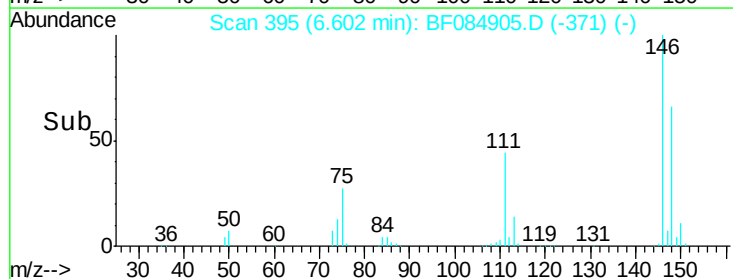
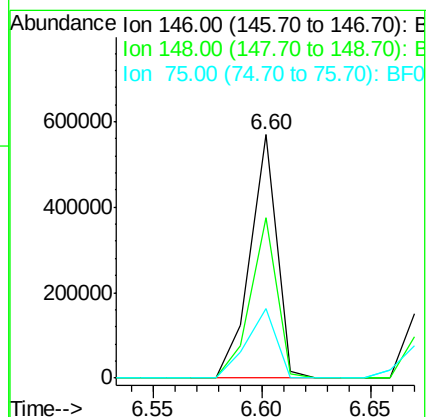
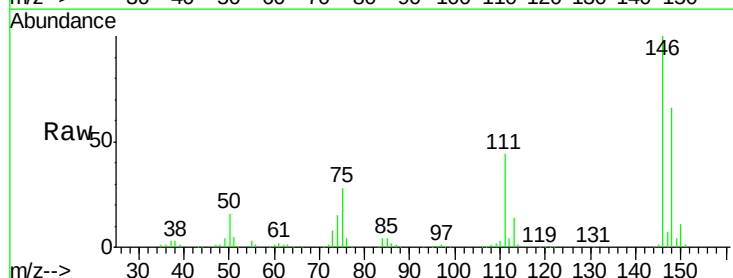
Tgt Ion: 146 Resp: 487221

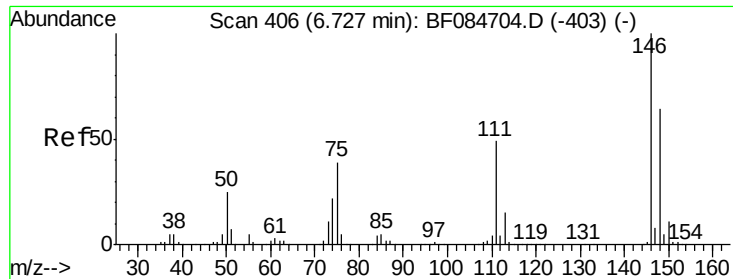
Ion Ratio Lower Upper

146 100

148 65.9 51.9 77.9

75 28.3 20.5 30.7

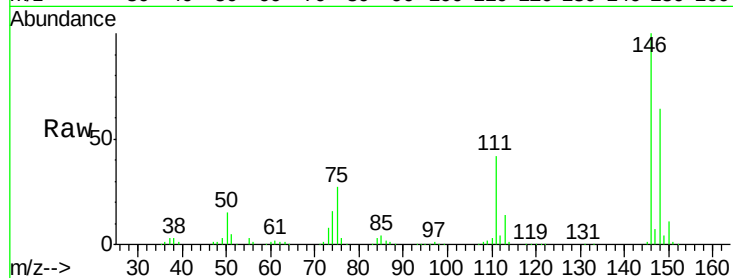




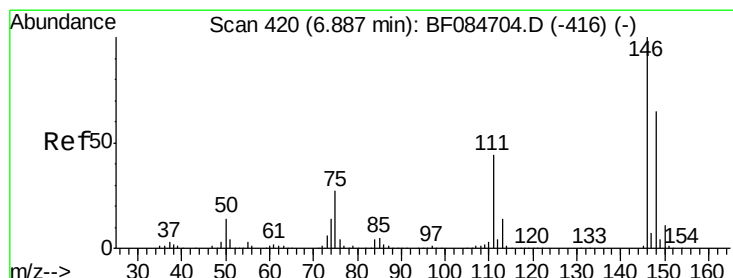
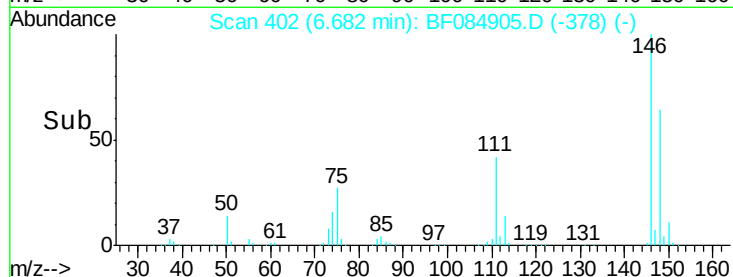
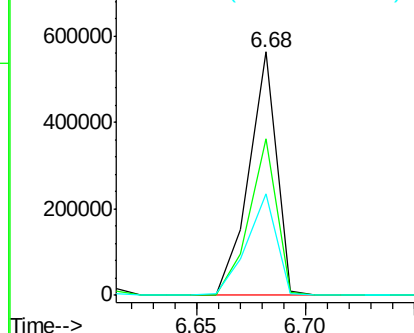
#13
 1,4-Dichlorobenzene
 Concen: 40.98 ng
 RT: 6.68 min Scan# 402
 Delta R.T. -0.02 min
 Lab File: BF084905.D
 Acq: 6 Feb 2016 12:12

Instrument :
 BNA_F
 ClientSampleId :
 PB88196BS

Tgt Ion:146 Resp: 497353
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.9 77.9
 111 41.7 41.6 62.4

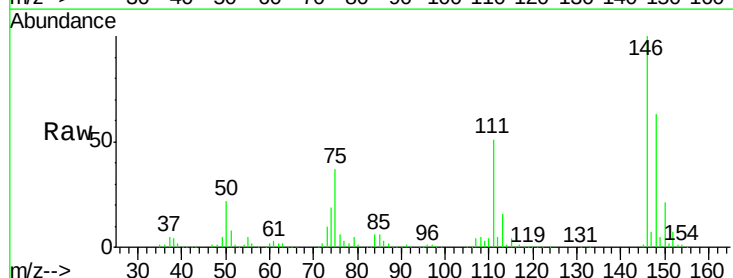


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

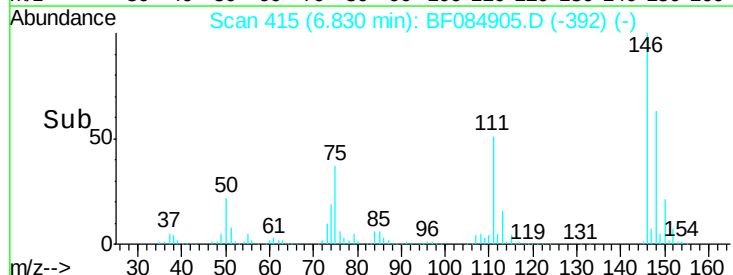
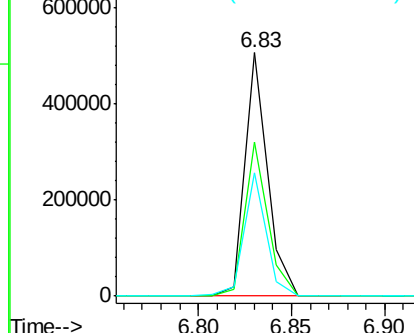


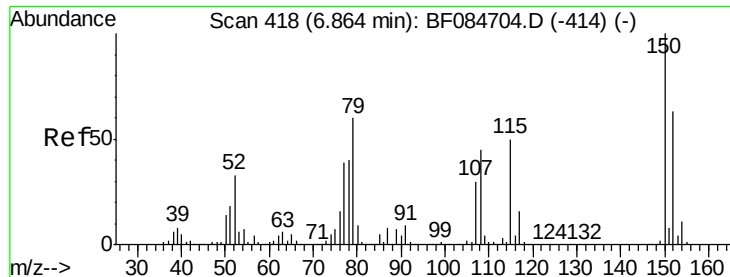
#14
 1,2-Dichlorobenzene
 Concen: 37.80 ng
 RT: 6.83 min Scan# 415
 Delta R.T. -0.03 min
 Lab File: BF084905.D
 Acq: 6 Feb 2016 12:12

Tgt Ion:146 Resp: 427256
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.6 77.4
 111 50.9 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: 44.55 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.02 min

Lab File: BF084905.D

Acq: 6 Feb 2016 12:12

Instrument :

BNA_F

ClientSampleId :

PB88196BS

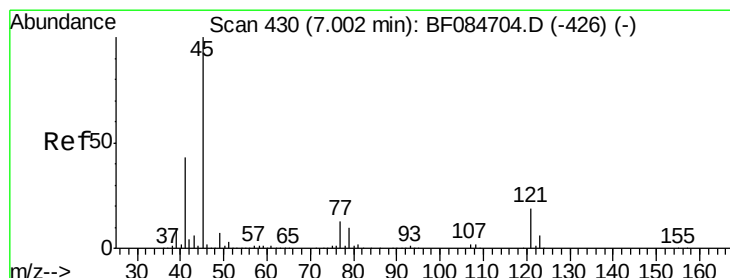
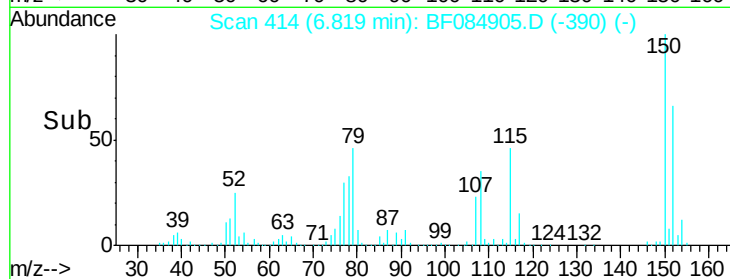
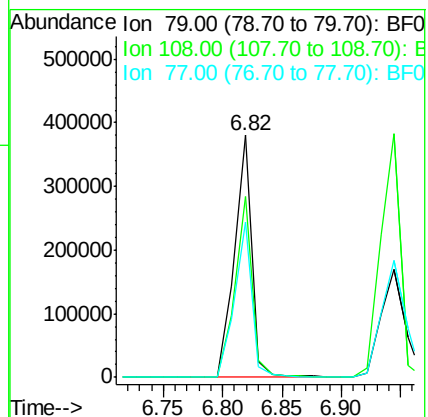
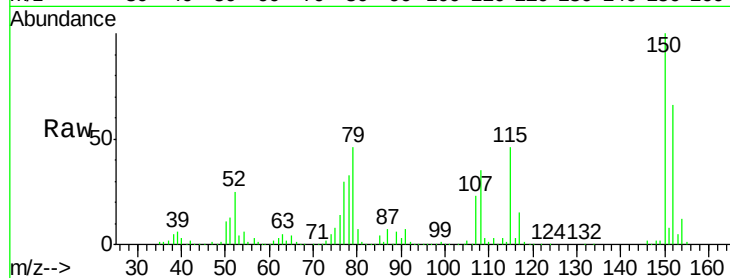
Tgt Ion: 79 Resp: 387100

Ion Ratio Lower Upper

79 100

108 74.5 69.0 103.4

77 64.0 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.89 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.02 min

Lab File: BF084905.D

Acq: 6 Feb 2016 12:12

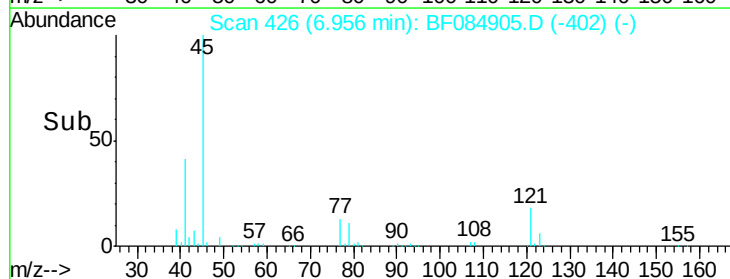
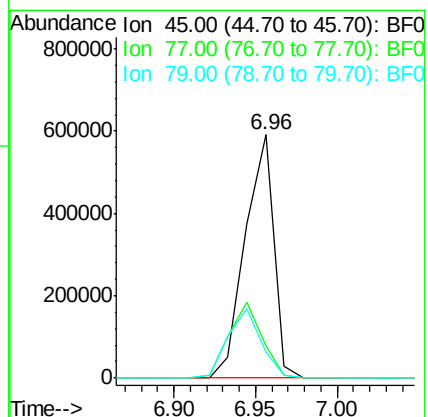
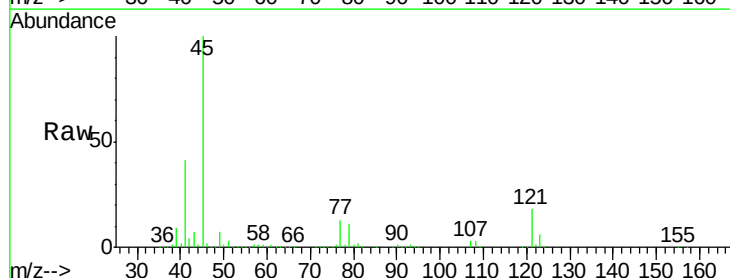
Tgt Ion: 45 Resp: 719102

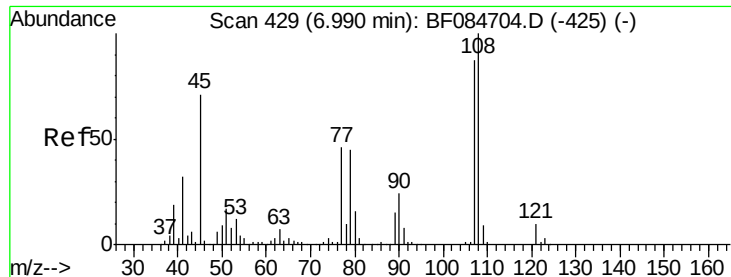
Ion Ratio Lower Upper

45 100

77 13.2 0.0 39.6

79 10.7 0.0 35.0

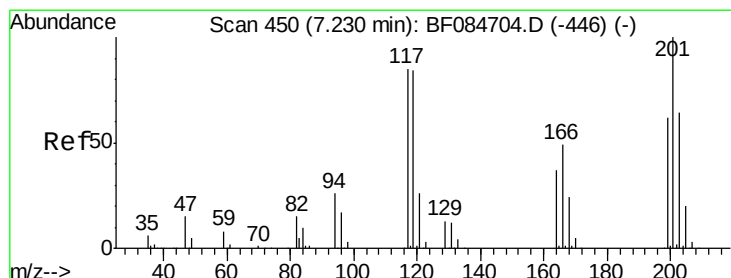
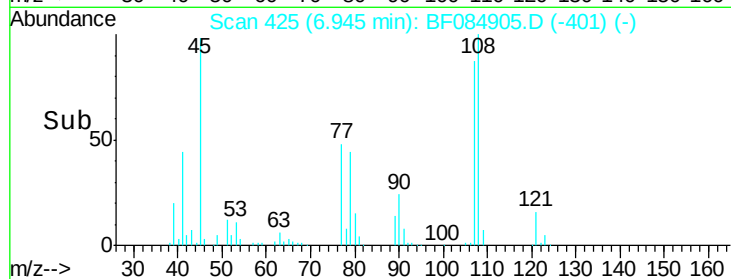
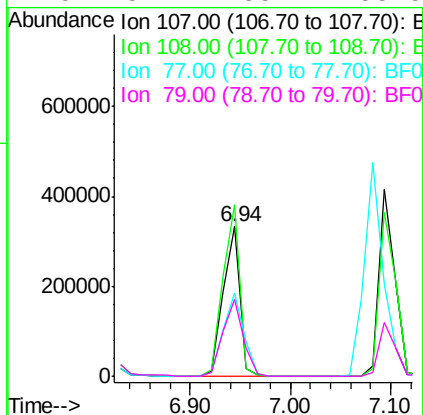
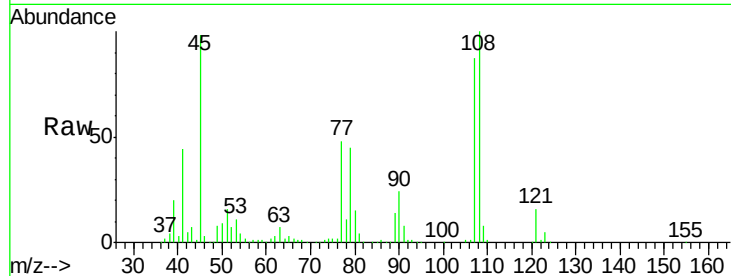




#17
2-Methylphenol
Concen: 41.86 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF084905.D
Acq: 6 Feb 2016 12:12

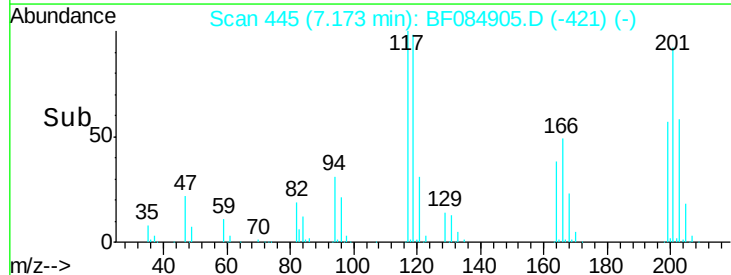
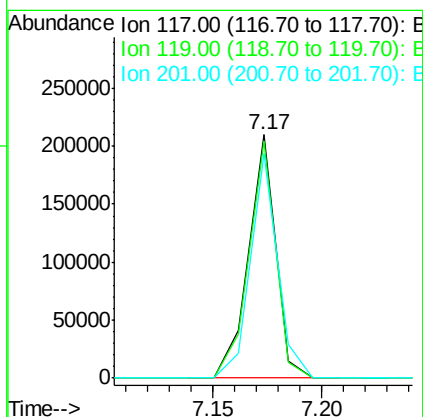
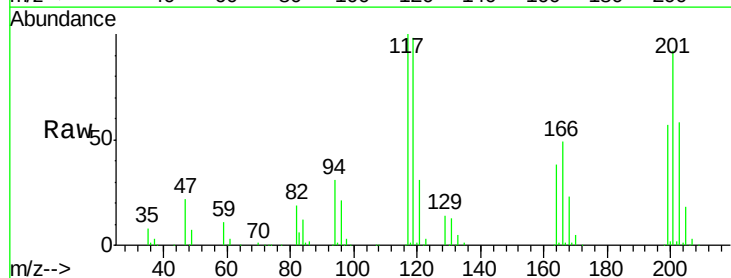
Instrument :
BNA_F
ClientSampleId :
PB88196BS

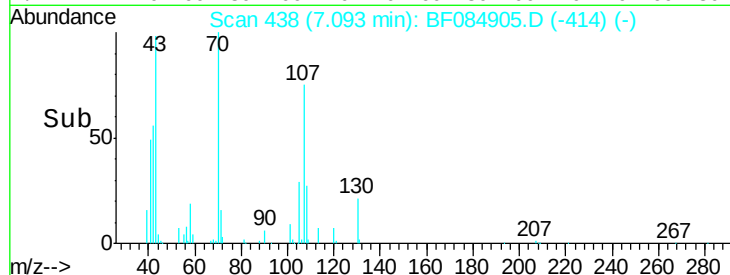
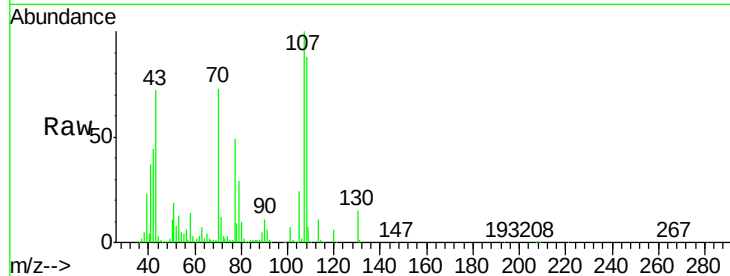
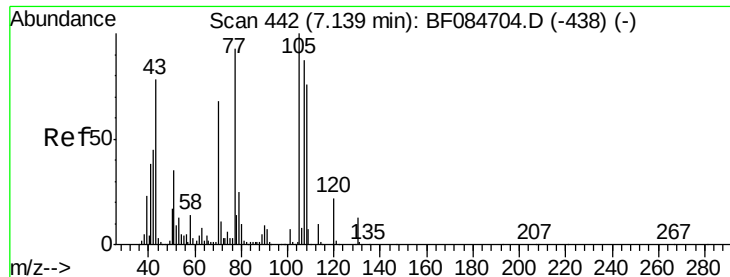
Tgt Ion:107 Resp: 380408
Ion Ratio Lower Upper
107 100
108 114.9 89.8 134.6
77 55.4 35.7 53.5#
79 51.2 35.7 53.5



#18
Hexachloroethane
Concen: 38.99 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.02 min
Lab File: BF084905.D
Acq: 6 Feb 2016 12:12

Tgt Ion:117 Resp: 182233
Ion Ratio Lower Upper
117 100
119 97.7 77.4 116.0
201 92.0 68.6 103.0





#19

n-Nitroso-di-n-propylamine

Concen: 41.74 ng

RT: 7.09 min Scan# 438

Delta R.T. -0.02 min

Lab File: BF084905.D

Acq: 6 Feb 2016 12:12

Instrument :

BNA_F

ClientSampleId :

PB88196BS

Tgt Ion: 70 Resp: 329269

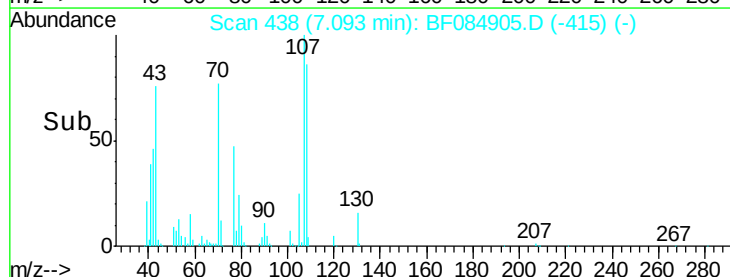
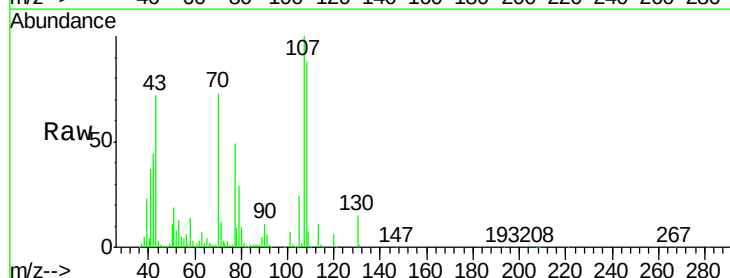
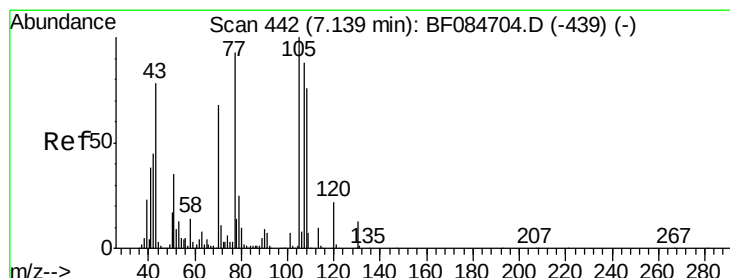
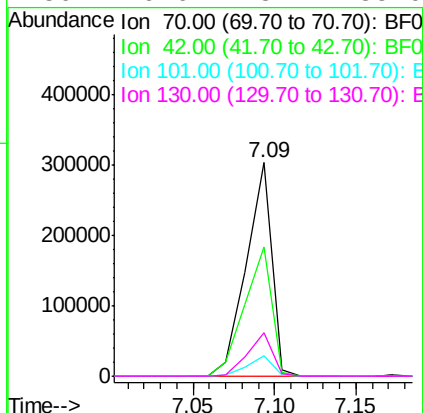
Ion Ratio Lower Upper

70 100

42 60.5 33.3 49.9#

101 9.4 9.3 13.9

130 20.6 23.4 35.0#



#20

3+4-Methylphenols

Concen: 40.44 ng

RT: 7.09 min Scan# 438

Delta R.T. -0.03 min

Lab File: BF084905.D

Acq: 6 Feb 2016 12:12

Tgt Ion: 107 Resp: 456128

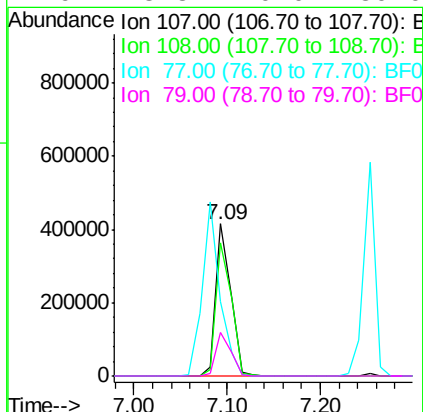
Ion Ratio Lower Upper

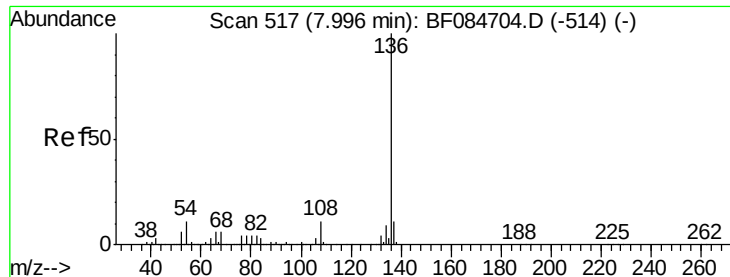
107 100

108 88.0 74.6 114.6

77 49.2 0.7 40.7#

79 28.8 0.0 39.0

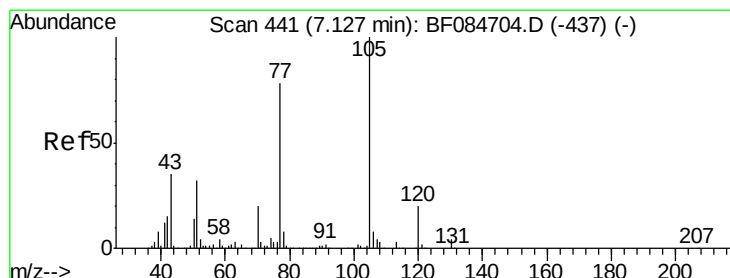
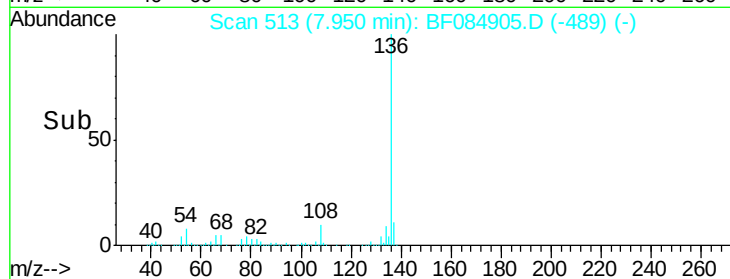
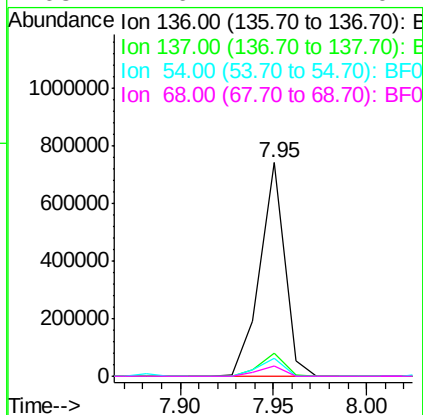
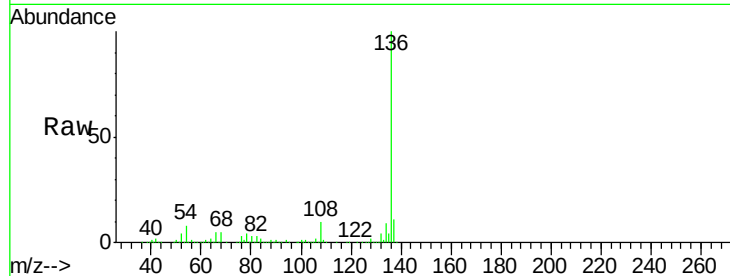




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF084905.D
Acq: 6 Feb 2016 12:12

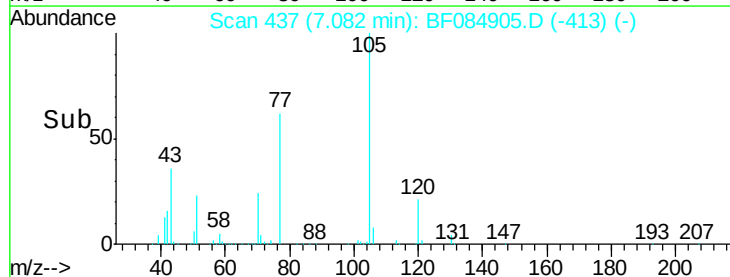
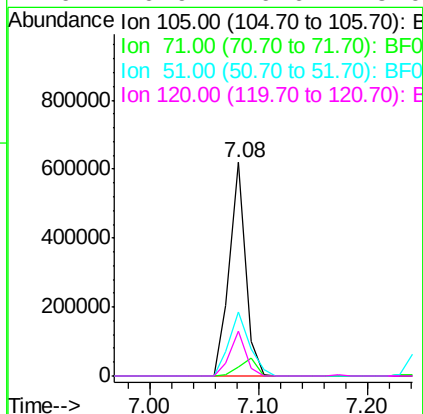
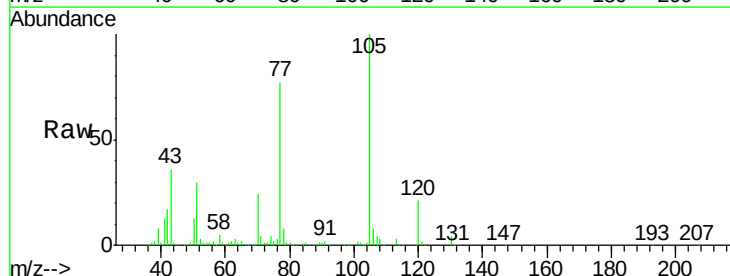
Instrument :
BNA_F
ClientSampled :
PB88196BS

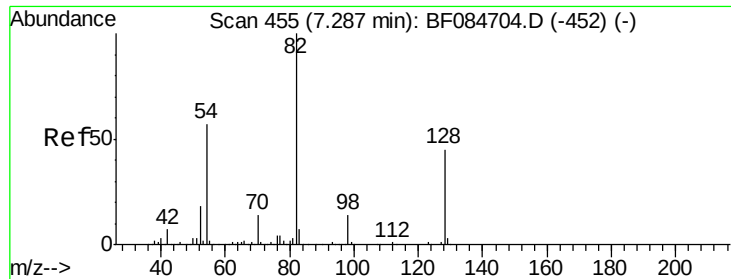
Tgt Ion:	136	Resp:	678386
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	8.2	5.8	8.8
68	4.6	4.2	6.2



#22
Acetophenone
Concen: 35.70 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF084905.D
Acq: 6 Feb 2016 12:12

Tgt Ion:	105	Resp:	638226
Ion	Ratio	Lower	Upper
105	100		
71	4.0	3.7	5.5
51	29.9	25.1	37.7
120	20.9	16.6	25.0

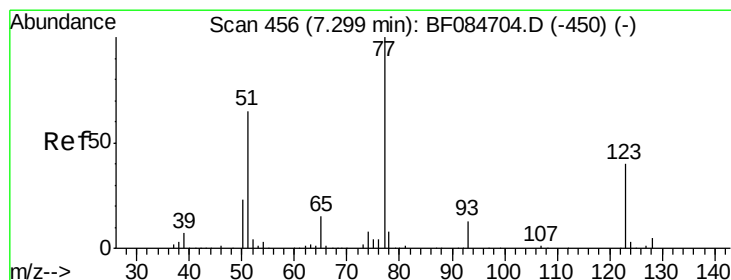
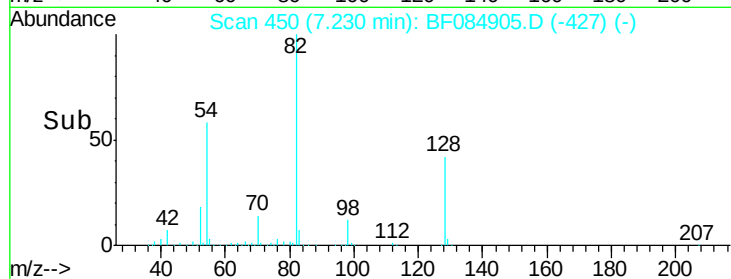
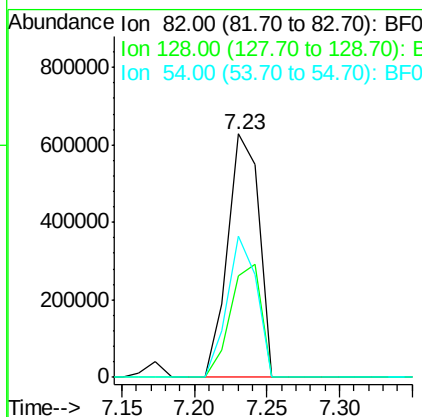
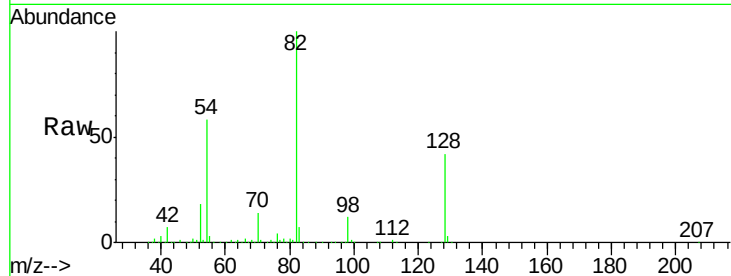




#23
 Nitrobenzene-d5
 Concen: 78.08 ng
 RT: 7.23 min Scan# 450
 Delta R.T. -0.03 min
 Lab File: BF084905.D
 Acq: 6 Feb 2016 12:12

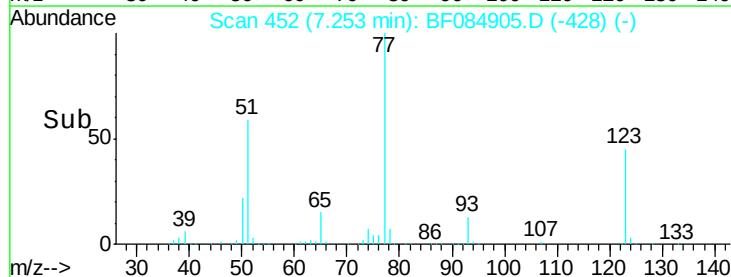
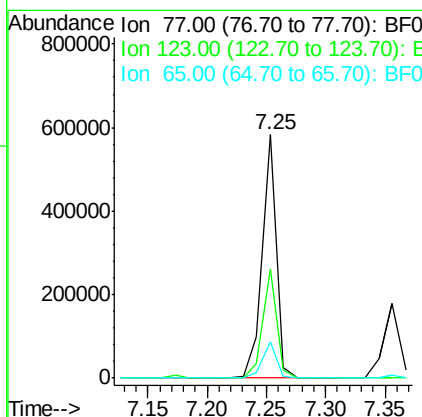
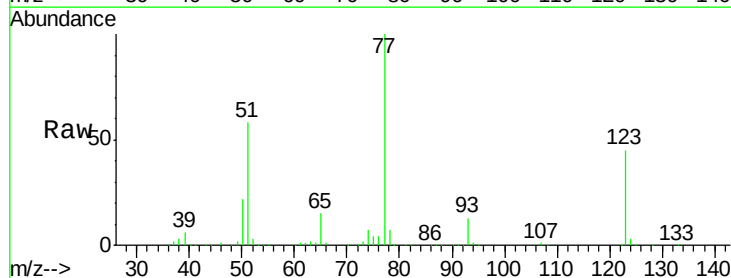
Instrument :
 BNA_F
 ClientSampled :
 PB88196BS

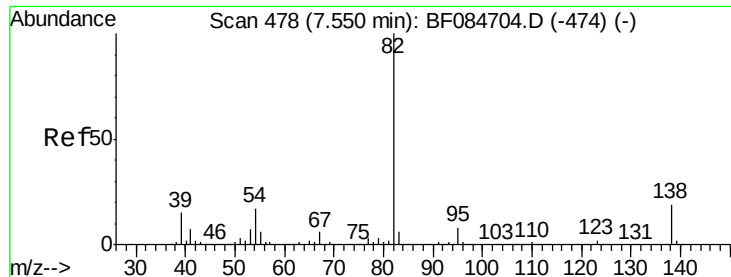
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.8	34.6	51.8
54	58.0	38.4	57.6#



#24
 Nitrobenzene
 Concen: 38.04 ng
 RT: 7.25 min Scan# 452
 Delta R.T. -0.02 min
 Lab File: BF084905.D
 Acq: 6 Feb 2016 12:12

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.7	37.4	56.2
65	15.0	10.9	16.3





#25

Isophorone

Concen: 36.70 ng

RT: 7.49 min Scan# 473

Delta R.T. -0.03 min

Lab File: BF084905.D

Acq: 6 Feb 2016 12:12

Instrument :

BNA_F

ClientSampleId :

PB88196BS

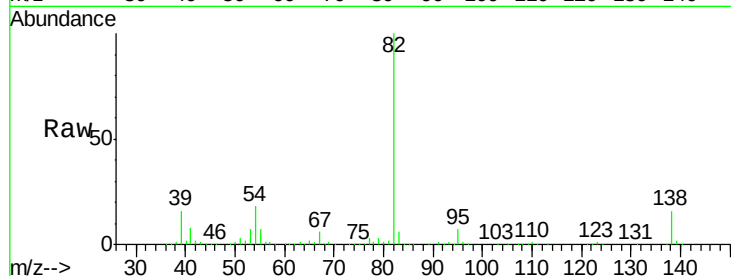
Tgt Ion: 82 Resp: 859356

Ion Ratio Lower Upper

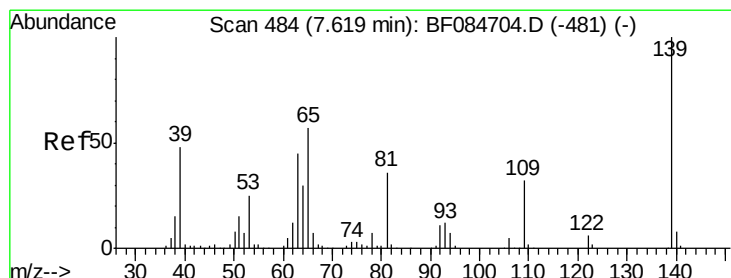
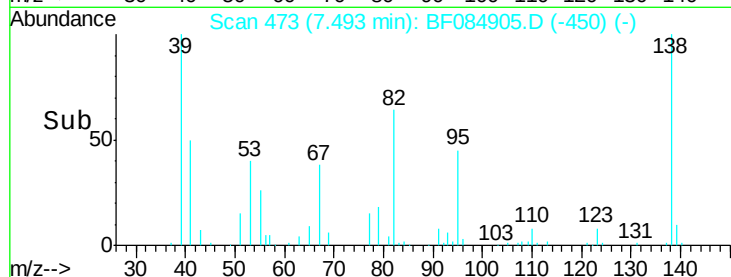
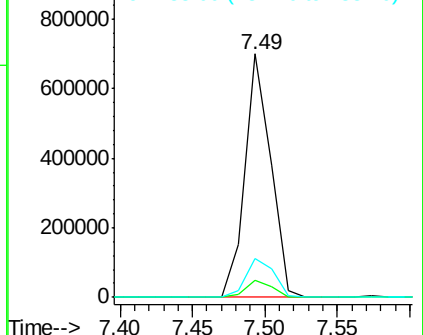
82 100

95 7.2 6.6 10.0

138 16.0 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: 40.85 ng

RT: 7.57 min Scan# 480

Delta R.T. -0.02 min

Lab File: BF084905.D

Acq: 6 Feb 2016 12:12

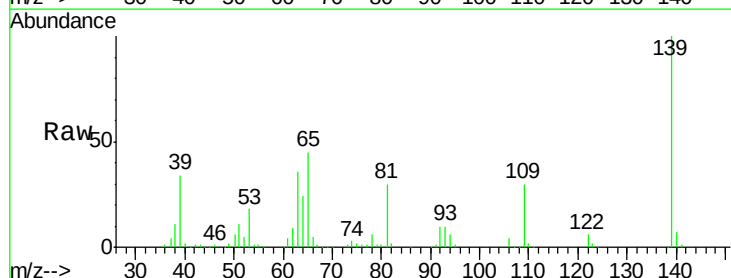
Tgt Ion: 139 Resp: 259793

Ion Ratio Lower Upper

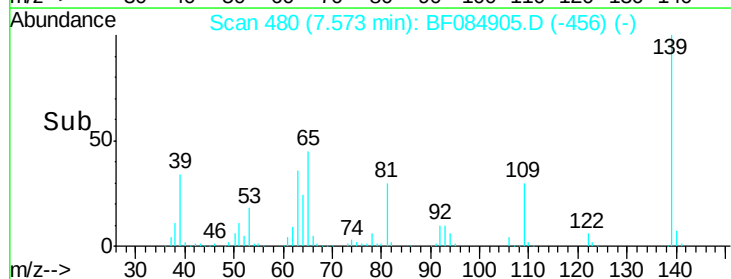
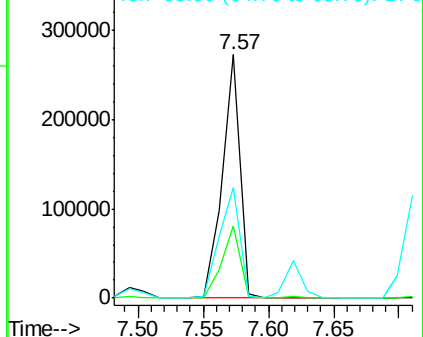
139 100

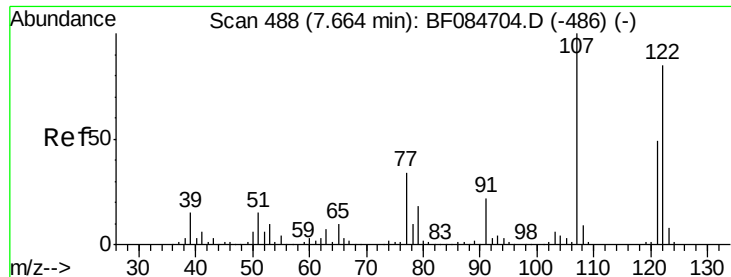
109 29.6 25.4 38.2

65 45.2 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

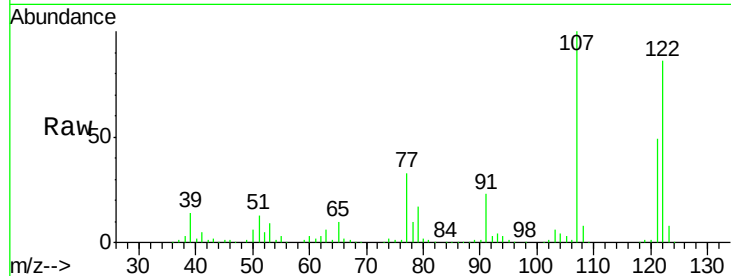




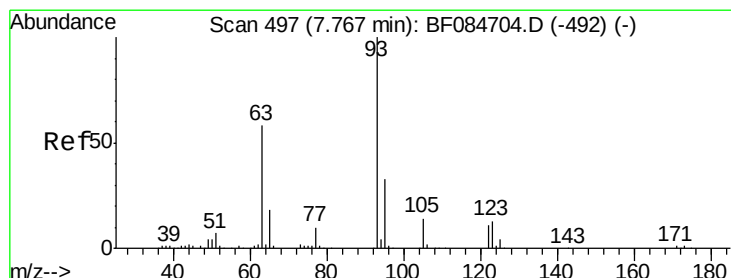
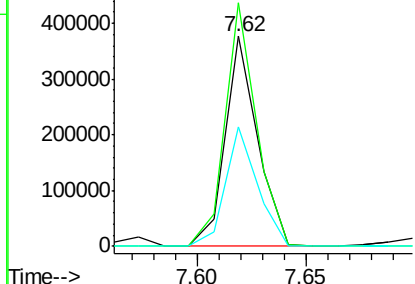
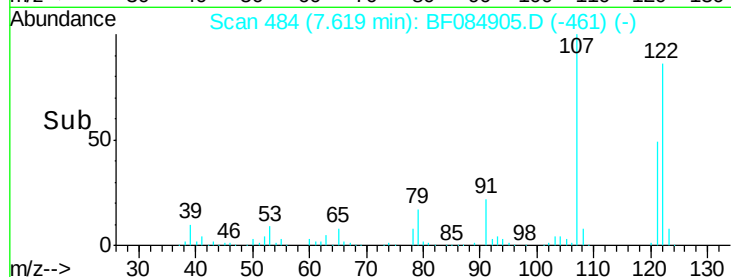
#27
2,4-Dimethylphenol
Concen: 34.91 ng
RT: 7.62 min Scan# 484
Delta R.T. -0.03 min
Lab File: BF084905.D
Acq: 6 Feb 2016 12:12

Instrument :
BNA_F
ClientSampleId :
PB88196BS

Tgt Ion:122 Resp: 386206
Ion Ratio Lower Upper
122 100
107 116.0 99.1 148.7
121 56.8 47.9 71.9

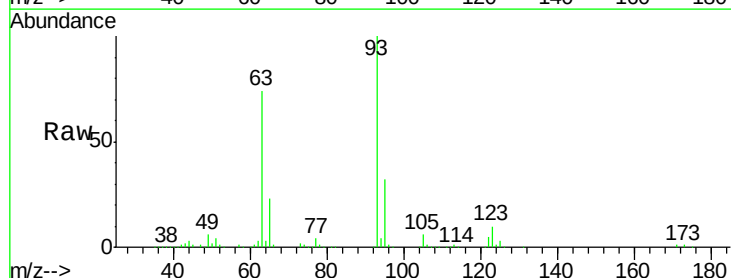


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

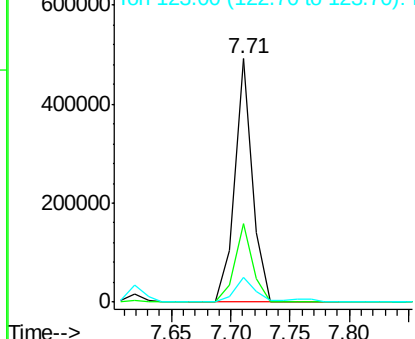
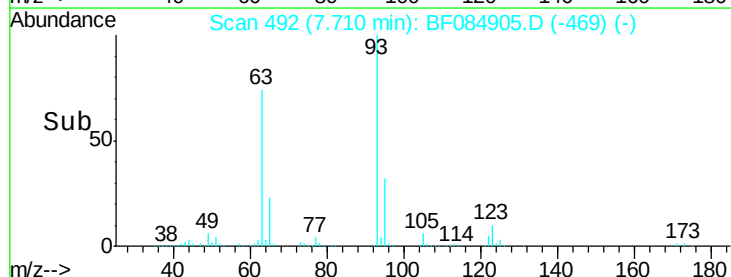


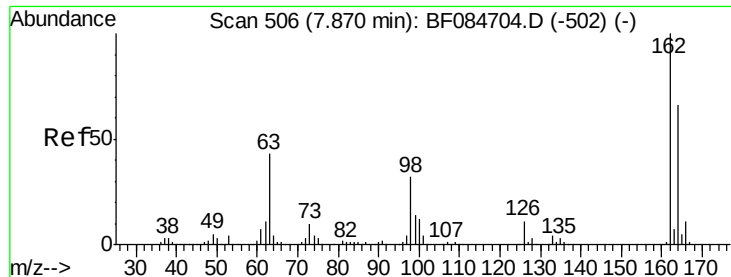
#28
bis(2-Chloroethoxy)methane
Concen: 36.49 ng
RT: 7.71 min Scan# 492
Delta R.T. -0.03 min
Lab File: BF084905.D
Acq: 6 Feb 2016 12:12

Tgt Ion: 93 Resp: 506912
Ion Ratio Lower Upper
93 100
95 32.3 25.8 38.6
123 10.1 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

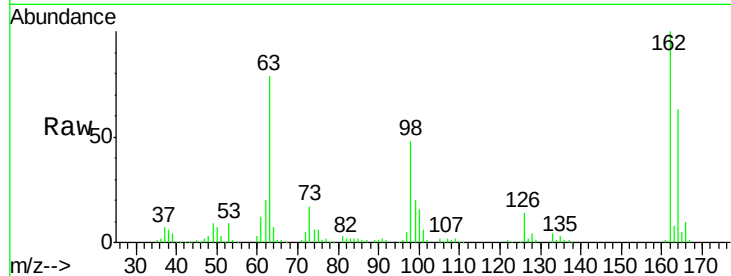




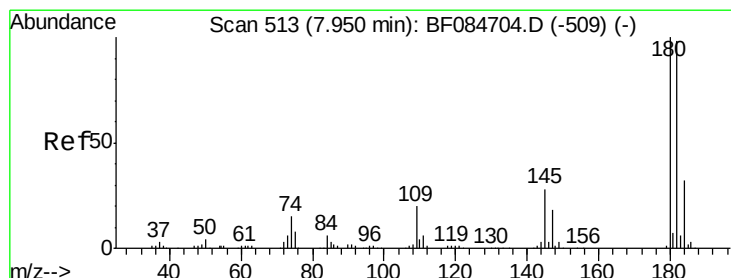
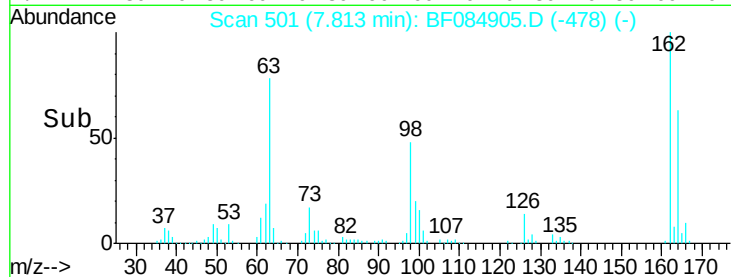
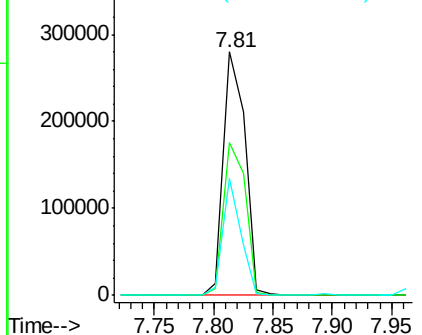
#29
 2,4-Dichlorophenol
 Concen: 37.32 ng
 RT: 7.81 min Scan# 501
 Delta R.T. -0.03 min
 Lab File: BF084905.D
 Acq: 6 Feb 2016 12:12

Instrument :
 BNA_F
 ClientSampleId :
 PB88196BS

Tgt Ion:162 Resp: 353276
 Ion Ratio Lower Upper
 162 100
 164 62.6 44.1 84.1
 98 47.9 20.2 60.2

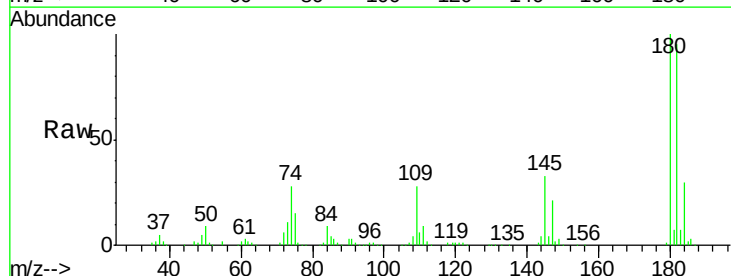


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

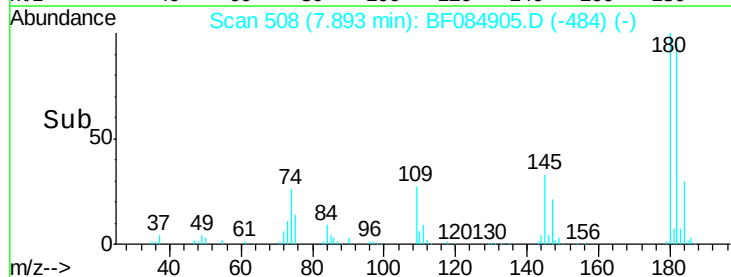
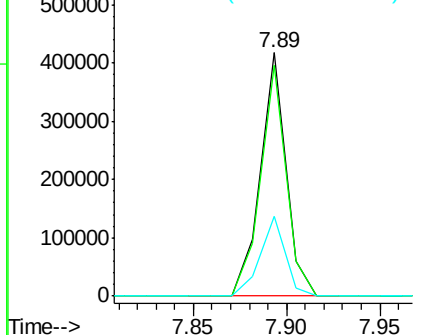


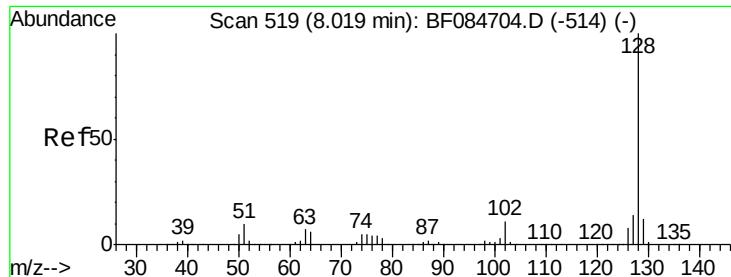
#30
 1,2,4-Trichlorobenzene
 Concen: 36.99 ng
 RT: 7.89 min Scan# 508
 Delta R.T. -0.02 min
 Lab File: BF084905.D
 Acq: 6 Feb 2016 12:12

Tgt Ion:180 Resp: 395494
 Ion Ratio Lower Upper
 180 100
 182 94.6 76.4 114.6
 145 32.9 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

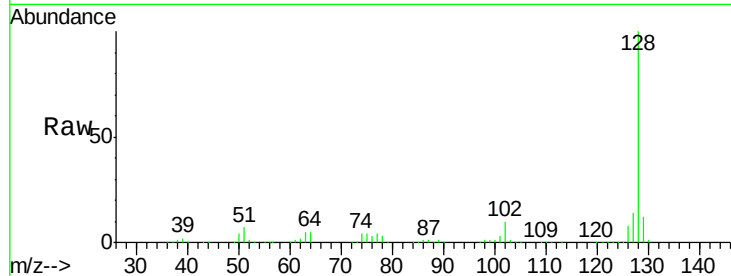




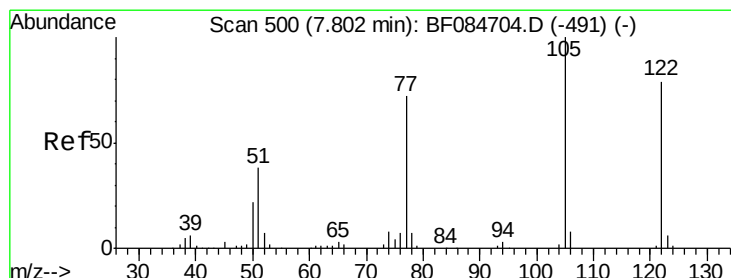
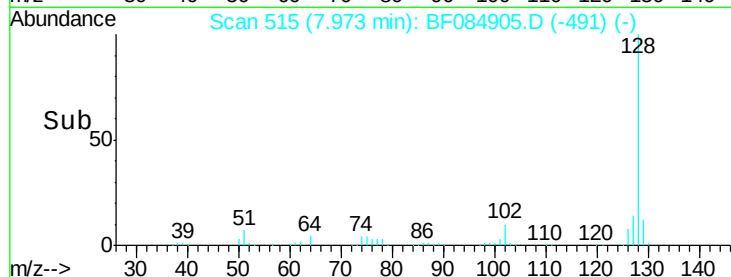
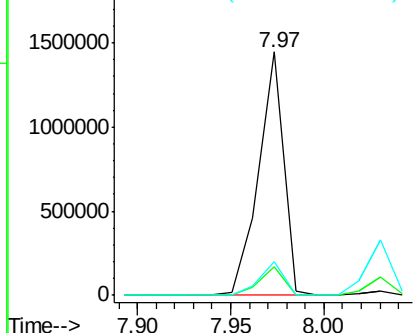
#31
Naphthalene
Concen: 39.29 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.02 min
Lab File: BF084905.D
Acq: 6 Feb 2016 12:12

Instrument :
BNA_F
ClientSampleId :
PB88196BS

Tgt Ion:128 Resp: 1337063
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 14.0 11.1 16.7

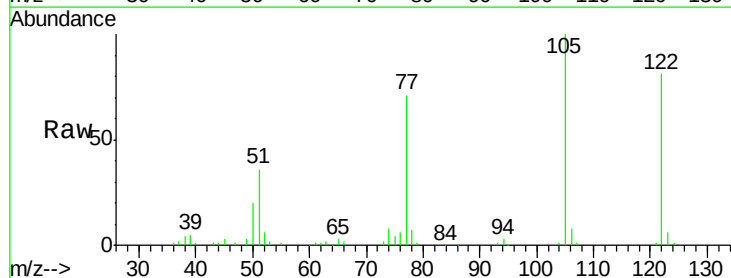


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

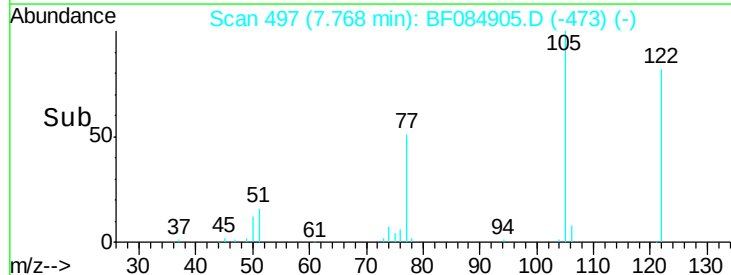
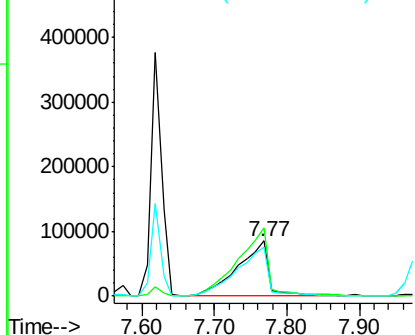


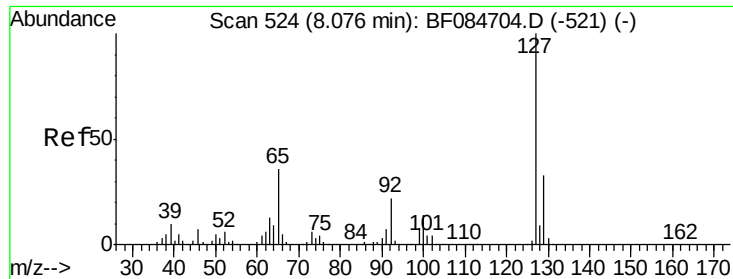
#32
Benzoic acid
Concen: 34.93 ng
RT: 7.77 min Scan# 497
Delta R.T. -0.02 min
Lab File: BF084905.D
Acq: 6 Feb 2016 12:12

Tgt Ion:122 Resp: 247163
Ion Ratio Lower Upper
122 100
105 123.3 100.3 140.3
77 87.8 63.5 103.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

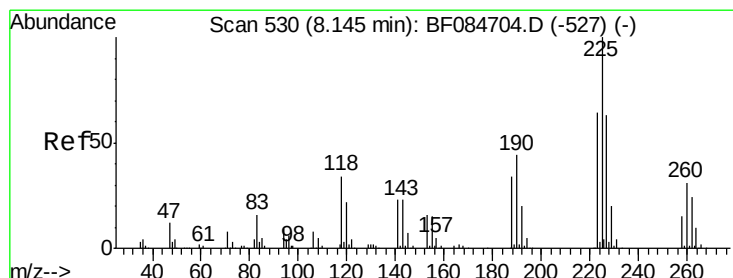
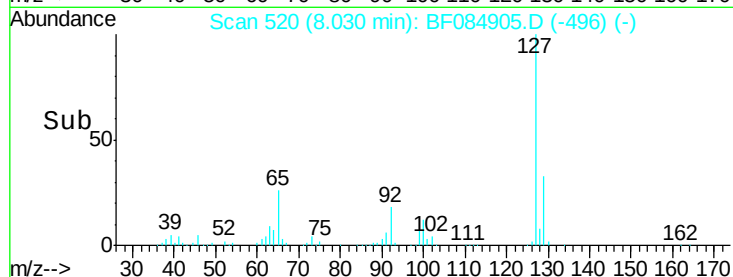
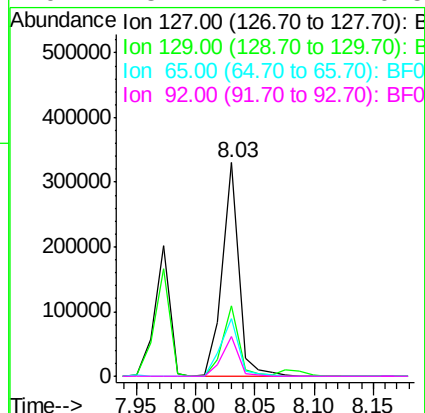
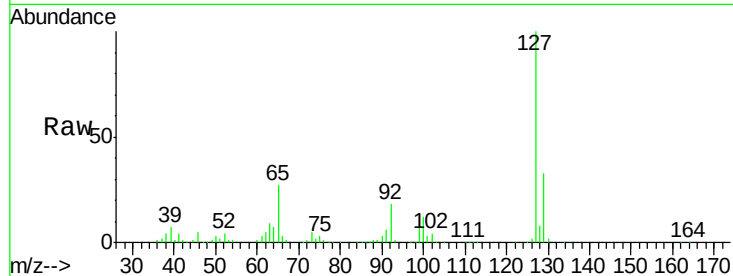




#33
4-Chloroaniline
Concen: 22.60 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.02 min
Lab File: BF084905.D
Acq: 6 Feb 2016 12:12

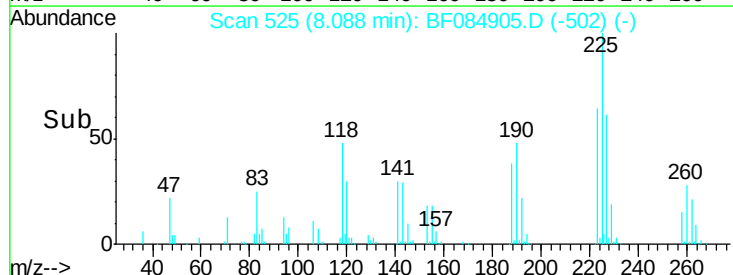
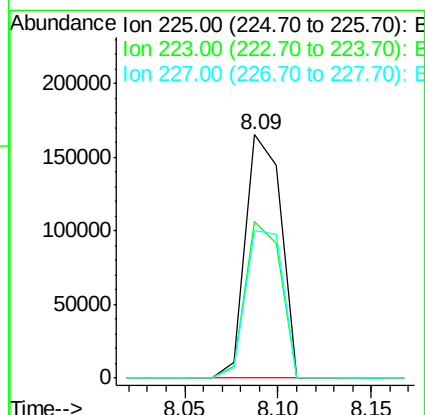
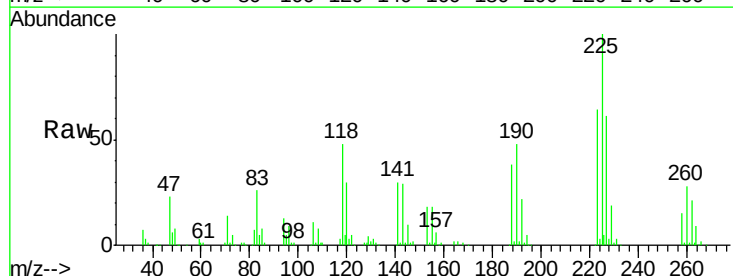
Instrument :
BNA_F
ClientSampleId :
PB88196BS

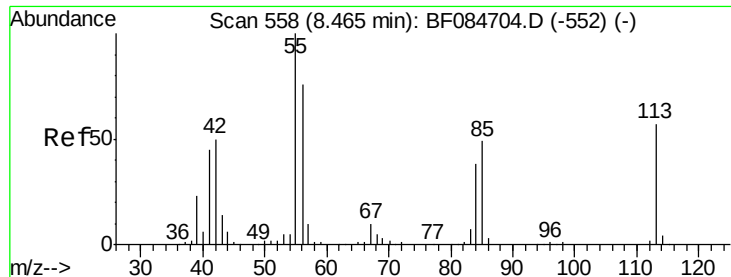
Tgt Ion:	127	Resp:	318012
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.5	39.7
65	26.9	27.2	40.8#
92	18.4	17.7	26.5



#34
Hexachlorobutadiene
Concen: 35.74 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.03 min
Lab File: BF084905.D
Acq: 6 Feb 2016 12:12

Tgt Ion:	225	Resp:	220354
Ion	Ratio	Lower	Upper
225	100		
223	64.2	49.4	74.0
227	60.9	50.8	76.2

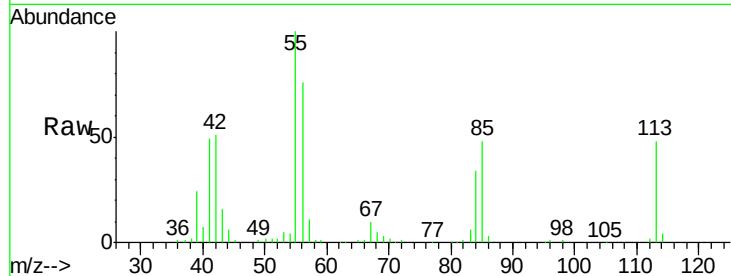




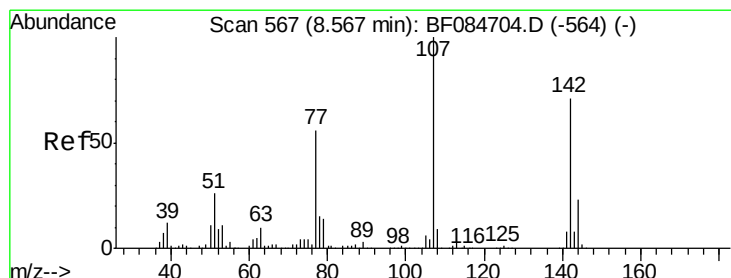
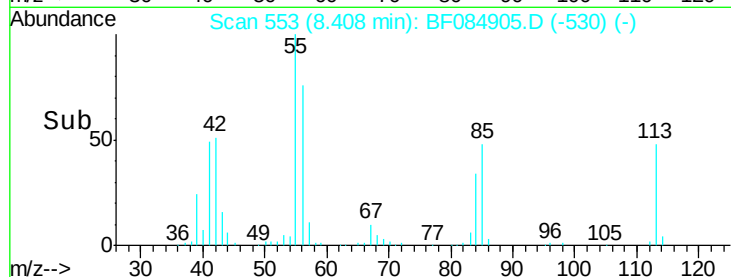
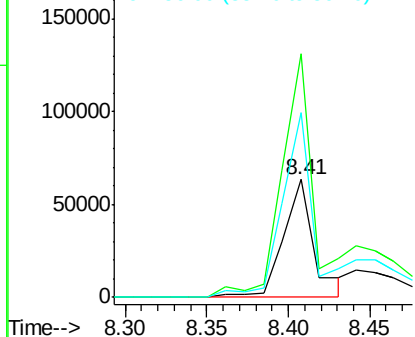
#35
 Caprolactam
 Concen: 28.10 ng
 RT: 8.41 min Scan# 553
 Delta R.T. -0.03 min
 Lab File: BF084905.D
 Acq: 6 Feb 2016 12:12

Instrument :
 BNA_F
 ClientSampleID :
 PB88196BS

Tgt Ion:113 Resp: 81997
 Ion Ratio Lower Upper
 113 100
 55 206.9 116.9 156.9#
 56 156.7 93.8 133.8#

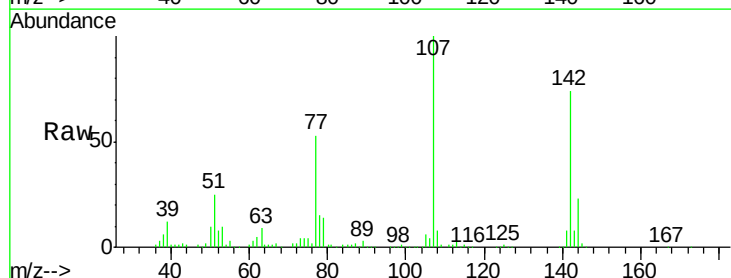


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

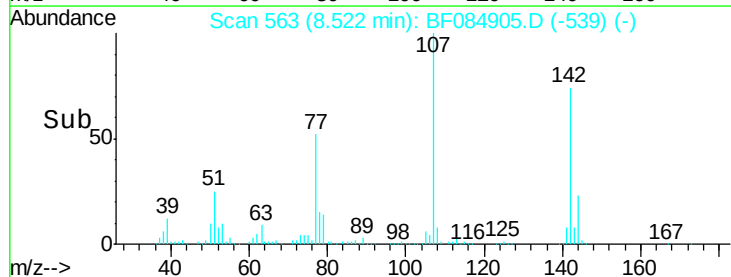
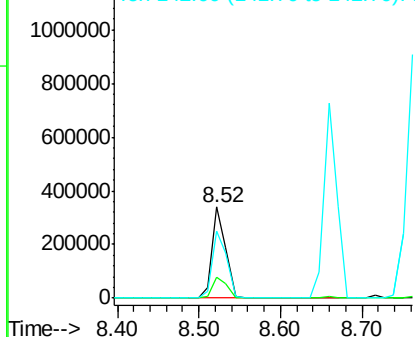


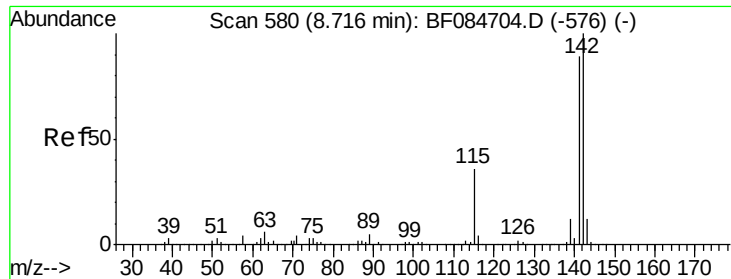
#36
 4-Chloro-3-methylphenol
 Concen: 36.97 ng
 RT: 8.52 min Scan# 563
 Delta R.T. -0.02 min
 Lab File: BF084905.D
 Acq: 6 Feb 2016 12:12

Tgt Ion:107 Resp: 399261
 Ion Ratio Lower Upper
 107 100
 144 22.9 19.7 29.5
 142 73.8 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

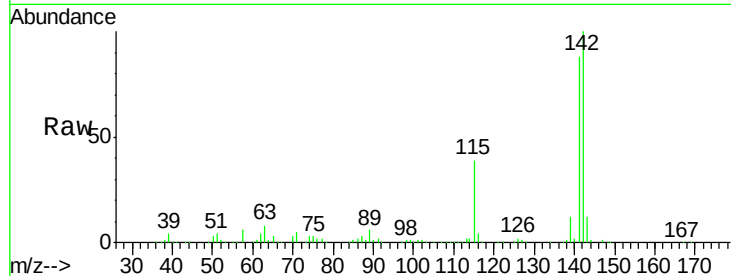




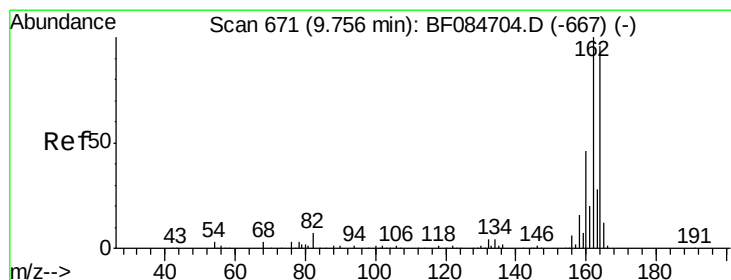
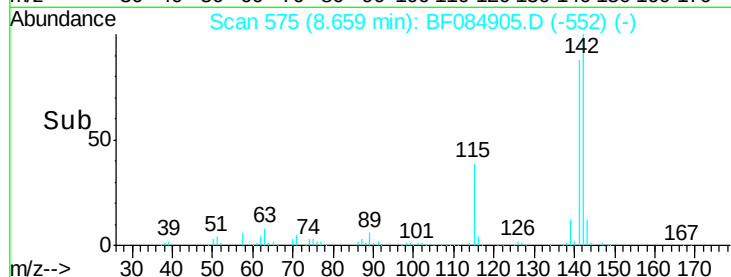
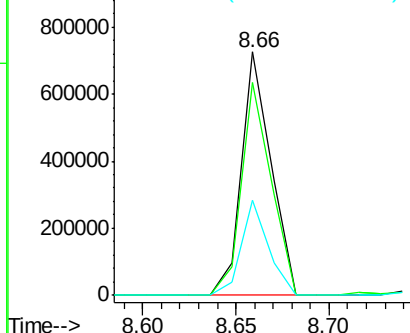
#37
2-Methylnaphthalene
Concen: 37.51 ng
RT: 8.66 min Scan# 575
Delta R.T. -0.03 min
Lab File: BF084905.D
Acq: 6 Feb 2016 12:12

Instrument :
BNA_F
ClientSampleId :
PB88196BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.6	72.4	108.6
115	39.0	27.9	41.9

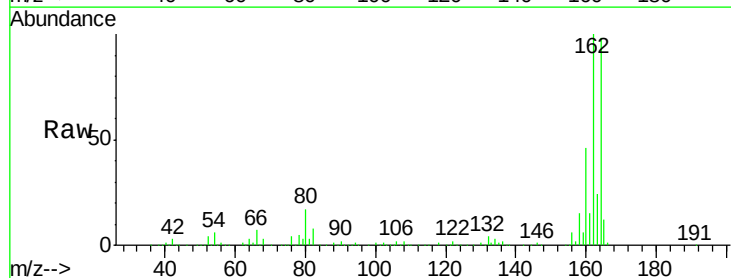


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

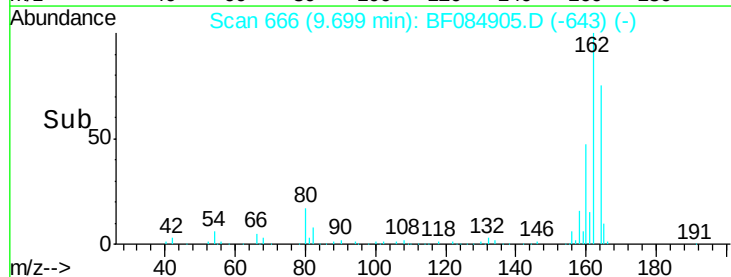
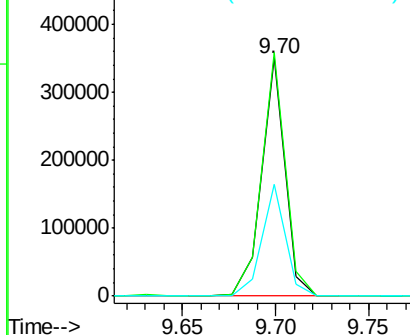


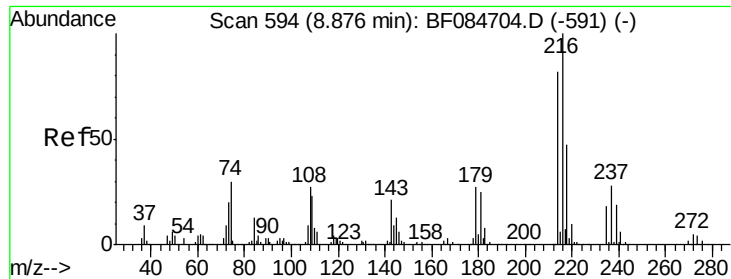
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF084905.D
Acq: 6 Feb 2016 12:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	85.1	127.7
160	46.9	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

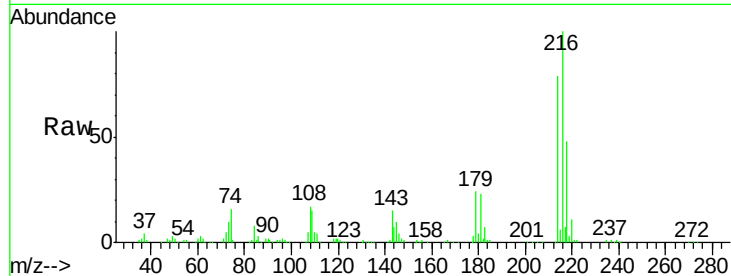




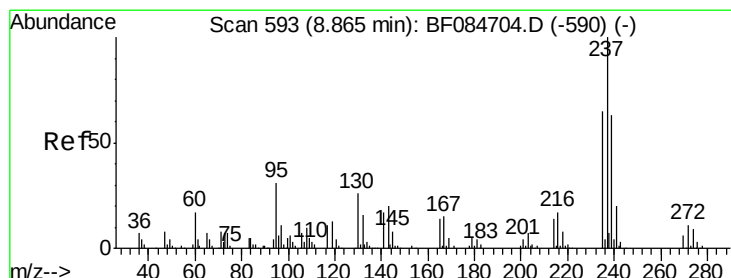
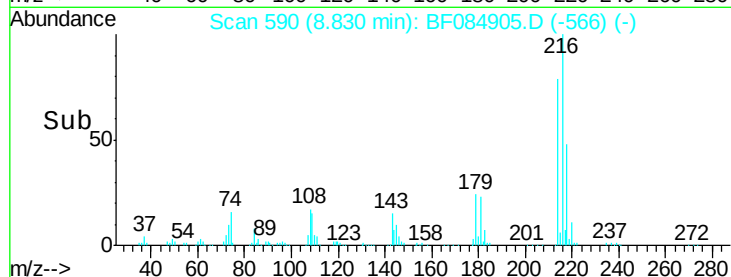
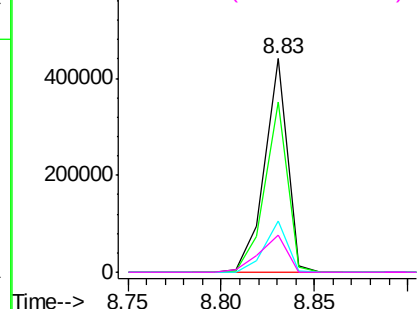
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.64 ng
 RT: 8.83 min Scan# 590
 Delta R.T. -0.02 min
 Lab File: BF084905.D
 Acq: 6 Feb 2016 12:12

Instrument :
 BNA_F
 ClientSampleId :
 PB88196BS

Tgt Ion:	216	Resp:	379277
Ion	Ratio	Lower	Upper
216	100		
214	79.3	64.2	96.2
179	23.8	18.7	28.1
108	21.2	16.8	25.2

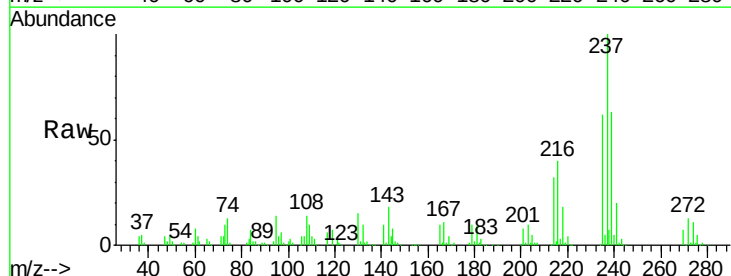


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

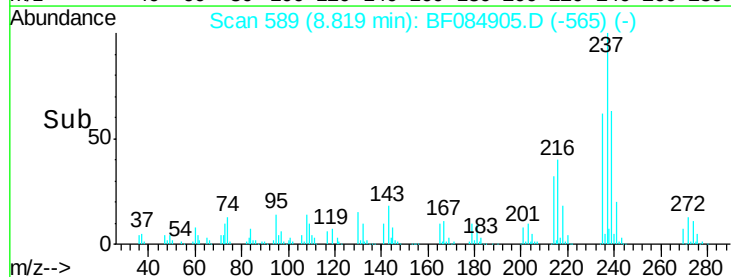
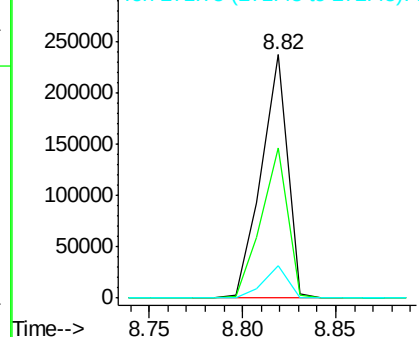


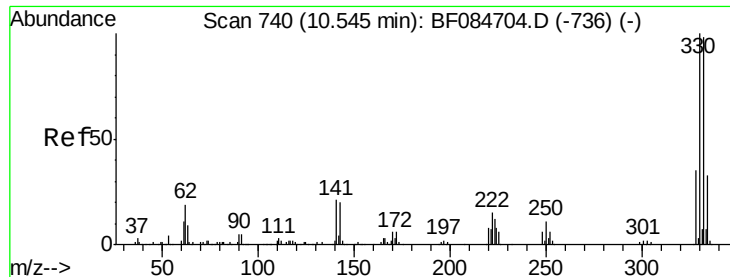
#40
 Hexachlorocyclopentadiene
 Concen: 60.81 ng
 RT: 8.82 min Scan# 589
 Delta R.T. -0.02 min
 Lab File: BF084905.D
 Acq: 6 Feb 2016 12:12

Tgt Ion:	237	Resp:	231364
Ion	Ratio	Lower	Upper
237	100		
235	61.8	43.1	83.1
272	13.1	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

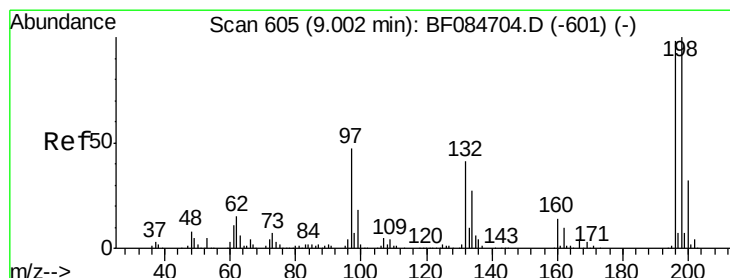
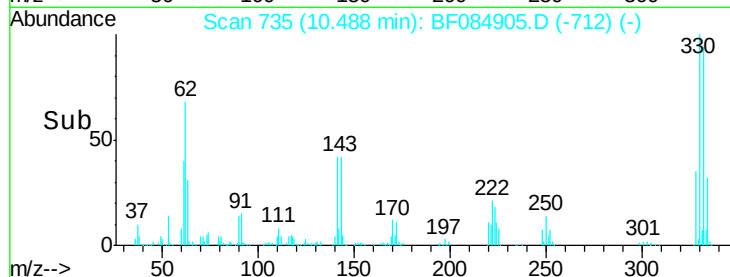
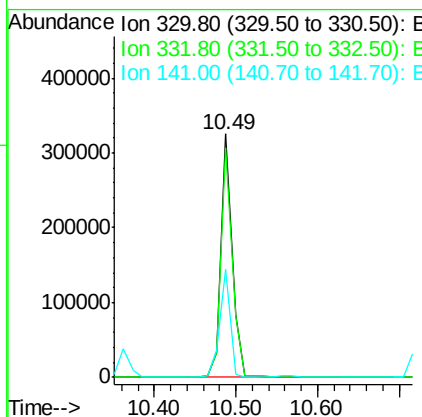
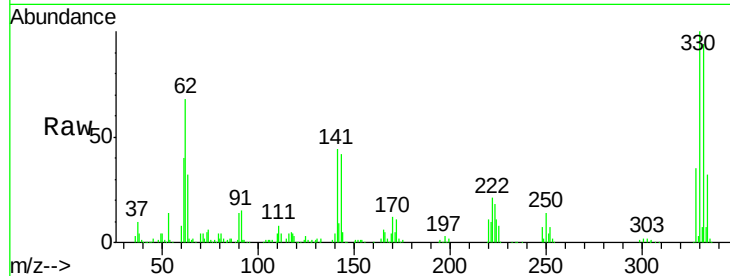




#41
 2,4,6-Tribromophenol
 Concen: 98.94 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.03 min
 Lab File: BF084905.D
 Acq: 6 Feb 2016 12:12

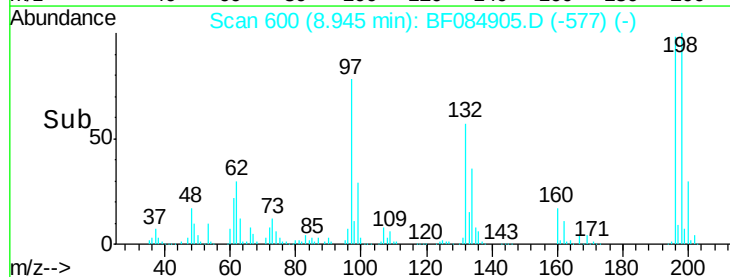
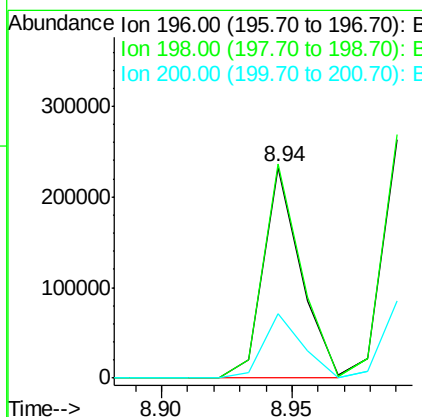
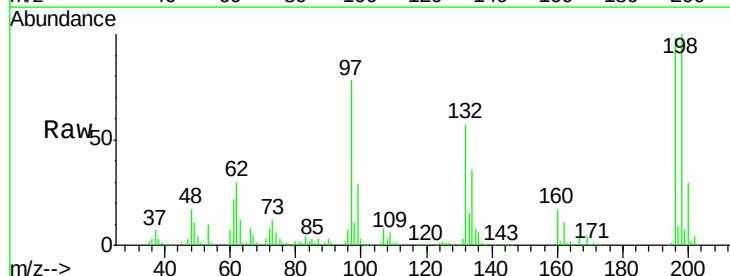
Instrument :
 BNA_F
 ClientSampleId :
 PB88196BS

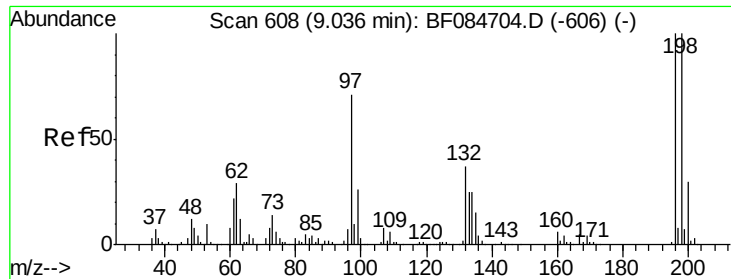
Tgt Ion:330 Resp: 310904
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.6 114.8
 141 41.7 27.8 41.6#



#42
 2,4,6-Trichlorophenol
 Concen: 38.02 ng
 RT: 8.94 min Scan# 600
 Delta R.T. -0.03 min
 Lab File: BF084905.D
 Acq: 6 Feb 2016 12:12

Tgt Ion:196 Resp: 234352
 Ion Ratio Lower Upper
 196 100
 198 101.9 77.7 116.5
 200 30.6 24.6 37.0

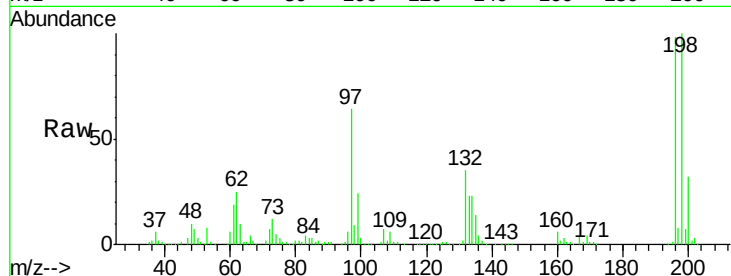




#43
 2,4,5-Trichlorophenol
 Concen: 39.14 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.02 min
 Lab File: BF084905.D
 Acq: 6 Feb 2016 12:12

Instrument :
 BNA_F
 ClientSampleId :
 PB88196BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	102.0	79.0	118.6
97	65.6	33.0	49.6#
132	35.7	21.1	31.7#



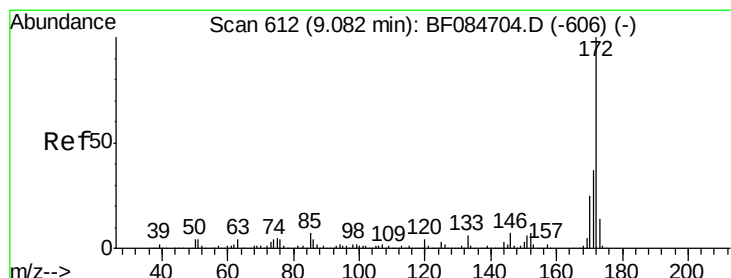
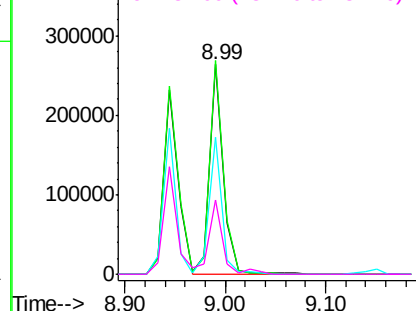
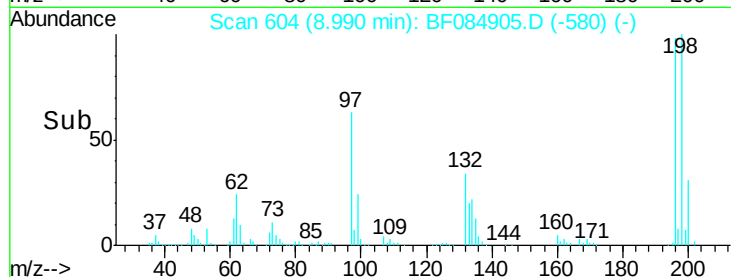
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

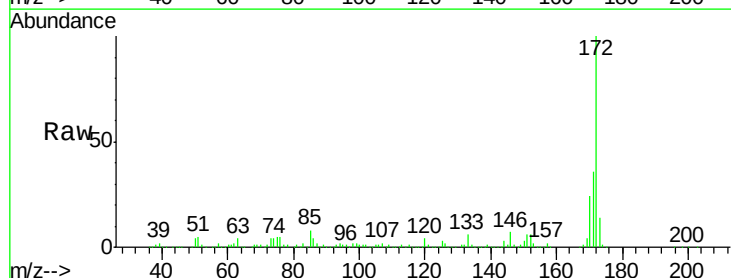
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 90.54 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.03 min
 Lab File: BF084905.D
 Acq: 6 Feb 2016 12:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.9	43.3
170	24.3	18.6	27.8

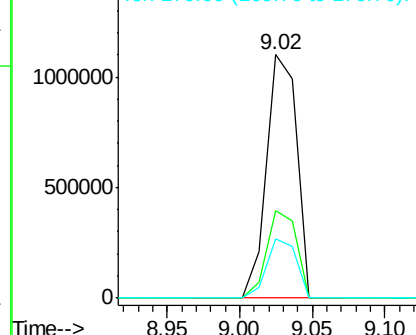
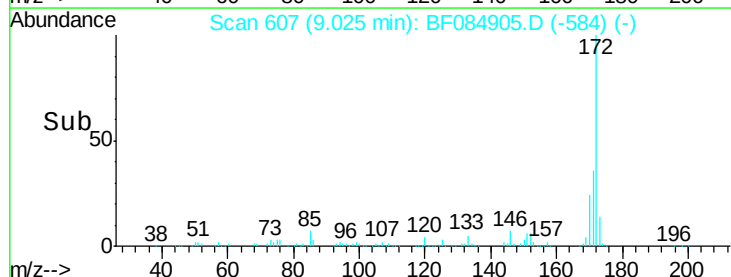


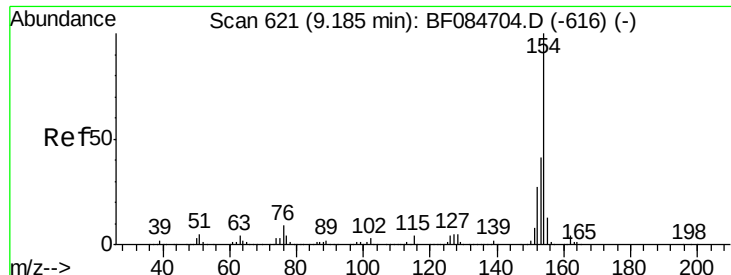
Abundance

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

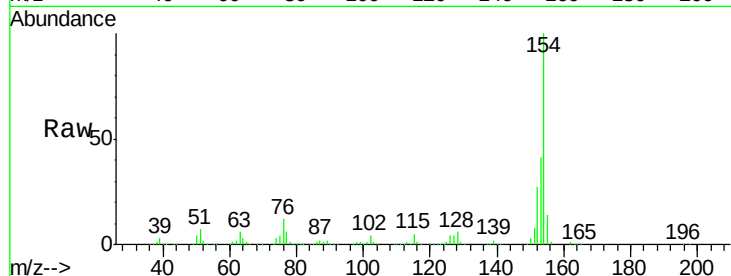




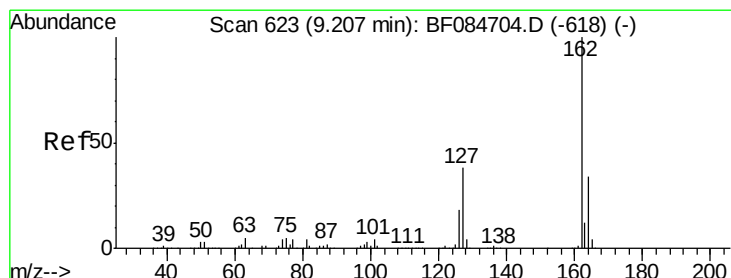
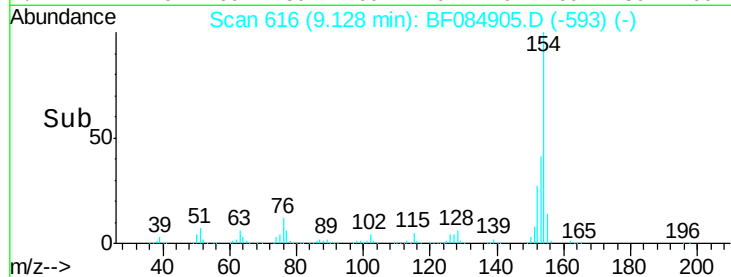
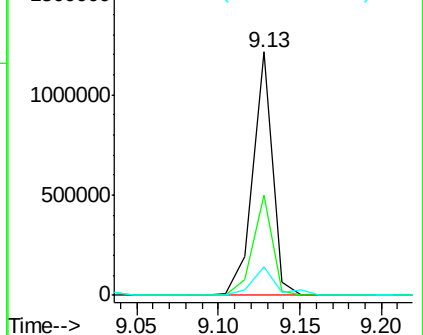
#45
 1,1'-Biphenyl
 Concen: 37.77 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.03 min
 Lab File: BF084905.D
 Acq: 6 Feb 2016 12:12

Instrument :
 BNA_F
 ClientSampleId :
 PB88196BS

Tgt Ion:154 Resp: 1016292
 Ion Ratio Lower Upper
 154 100
 153 41.1 21.6 61.6
 76 11.9 0.0 32.7

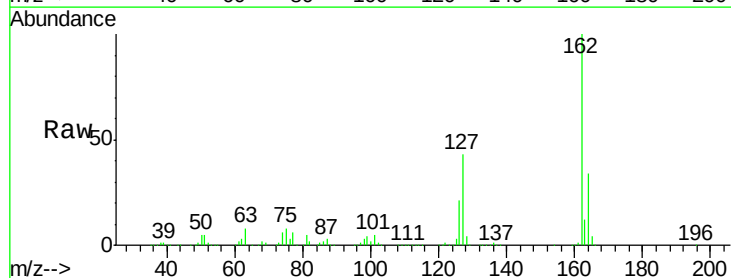


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

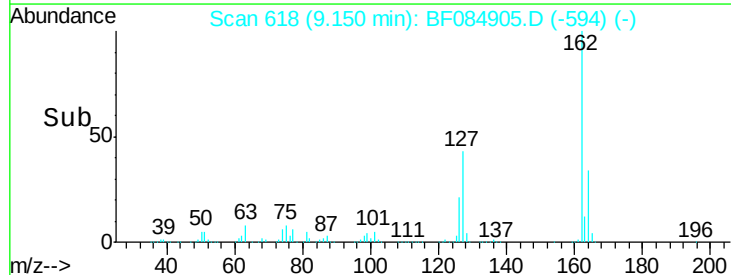
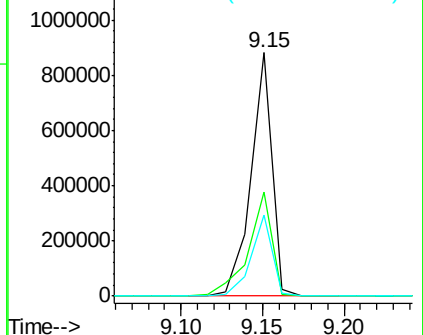


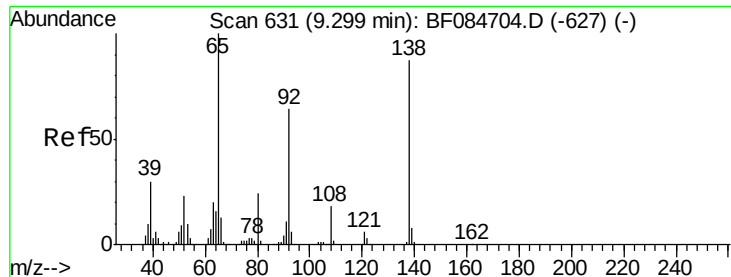
#46
 2-Chloronaphthalene
 Concen: 39.74 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF084905.D
 Acq: 6 Feb 2016 12:12

Tgt Ion:162 Resp: 787520
 Ion Ratio Lower Upper
 162 100
 127 43.0 40.2 60.4
 164 33.5 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: 42.95 ng

RT: 9.25 min Scan# 627

Delta R.T. -0.02 min

Lab File: BF084905.D

Acq: 6 Feb 2016 12:12

Instrument :

BNA_F

ClientSampleId :

PB88196BS

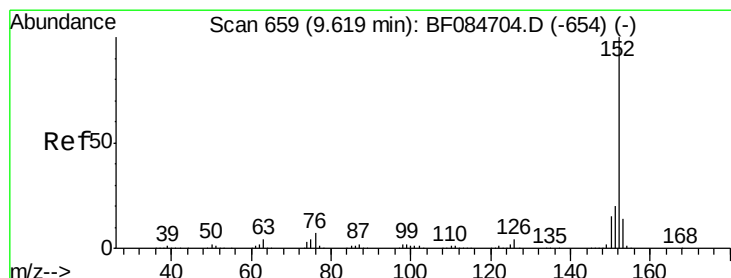
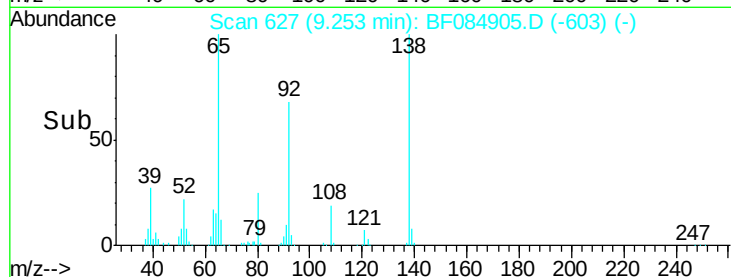
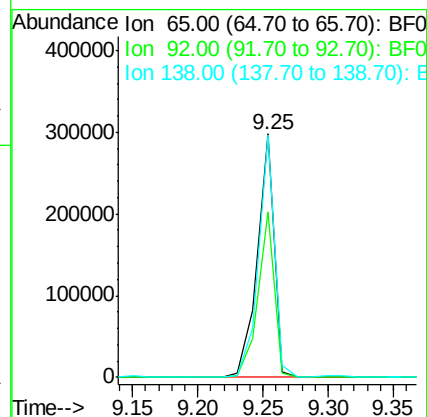
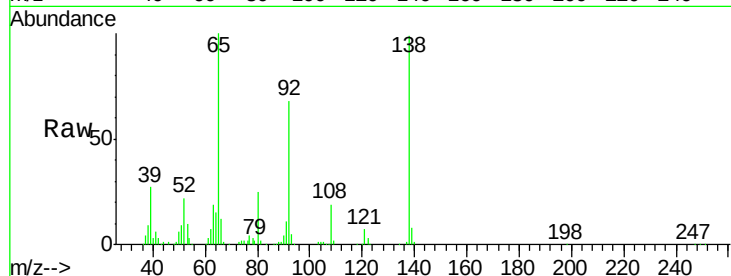
Tgt Ion: 65 Resp: 269507

Ion Ratio Lower Upper

65 100

92 68.2 53.4 80.2

138 99.4 71.1 106.7



#48

Acenaphthylene

Concen: 38.85 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.03 min

Lab File: BF084905.D

Acq: 6 Feb 2016 12:12

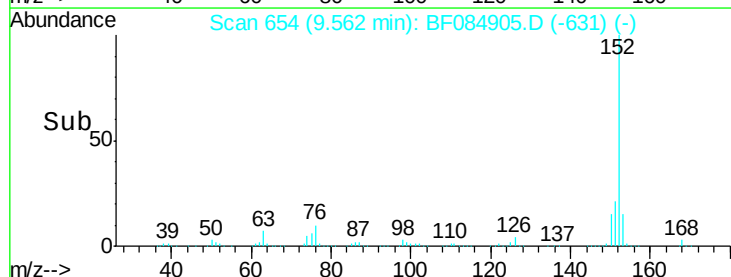
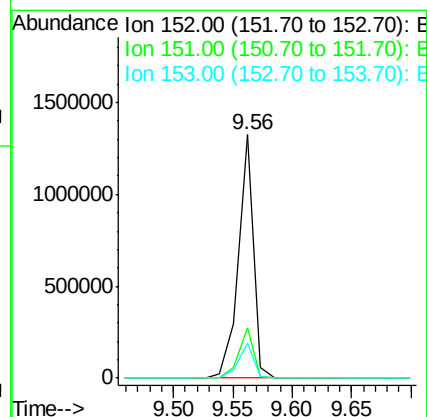
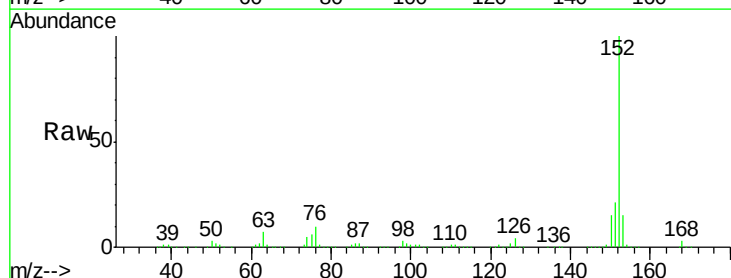
Tgt Ion: 152 Resp: 1168336

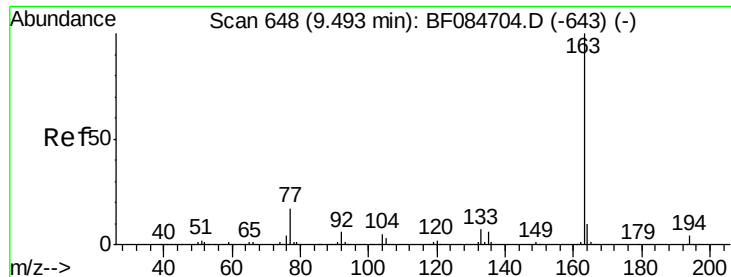
Ion Ratio Lower Upper

152 100

151 20.6 16.3 24.5

153 14.5 10.4 15.6

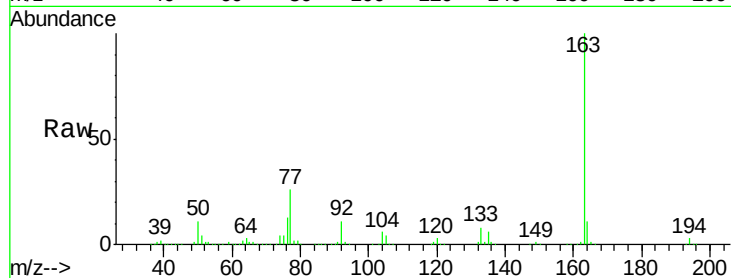




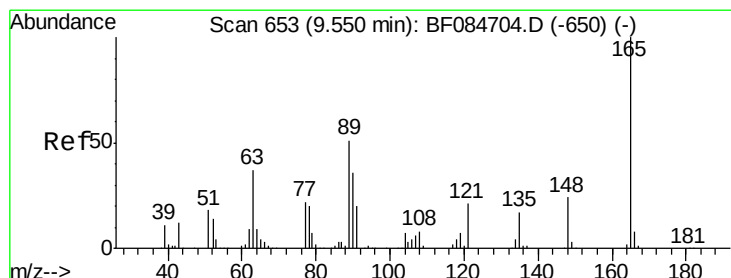
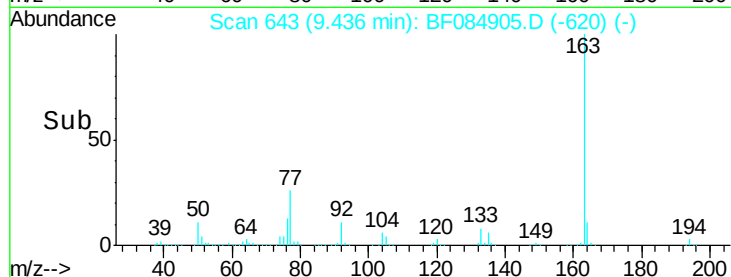
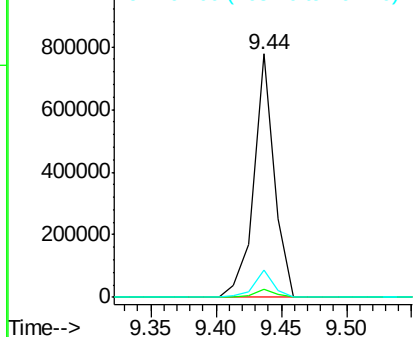
#49
Dimethylphthalate
Concen: 36.92 ng
RT: 9.44 min Scan# 643
Delta R.T. -0.03 min
Lab File: BF084905.D
Acq: 6 Feb 2016 12:12

Instrument :
BNA_F
ClientSampleId :
PB88196BS

Tgt Ion:163 Resp: 847078
Ion Ratio Lower Upper
163 100
194 3.2 8.0 12.0#
164 11.0 8.0 12.0

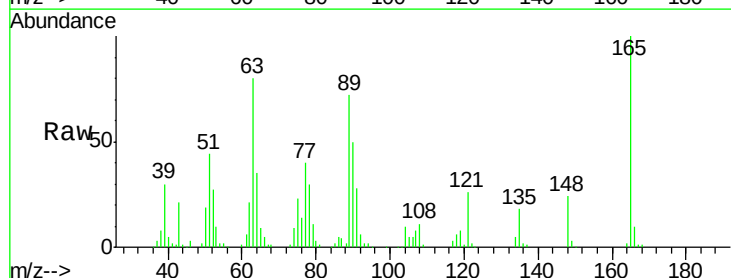


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

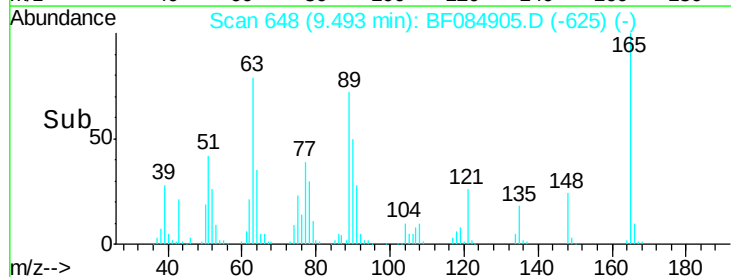
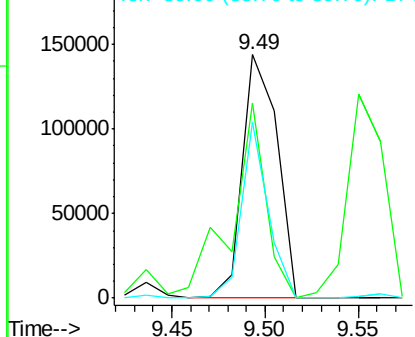


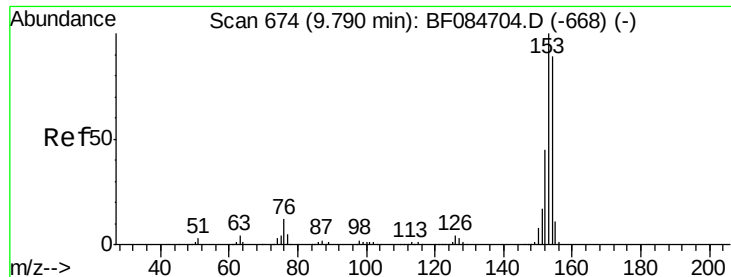
#50
2,6-Dinitrotoluene
Concen: 36.91 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.03 min
Lab File: BF084905.D
Acq: 6 Feb 2016 12:12

Tgt Ion:165 Resp: 185032
Ion Ratio Lower Upper
165 100
63 80.3 28.8 43.2#
89 72.3 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: 37.89 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.03 min

Lab File: BF084905.D

Acq: 6 Feb 2016 12:12

Instrument :

BNA_F

ClientSampleId :

PB88196BS

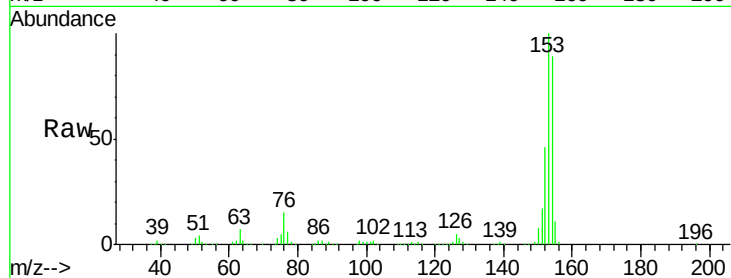
Tgt Ion:154 Resp: 741342

Ion Ratio Lower Upper

154 100

153 112.8 91.5 137.3

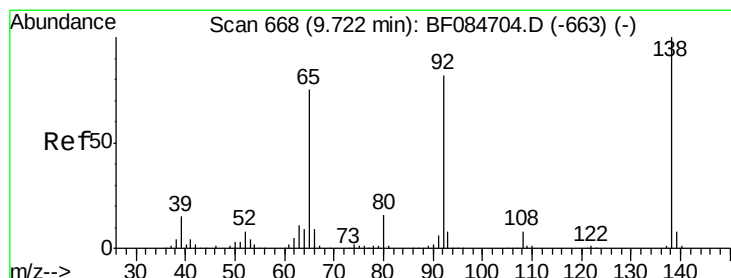
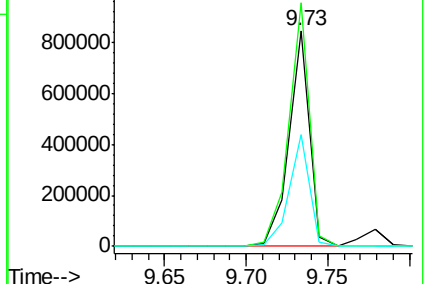
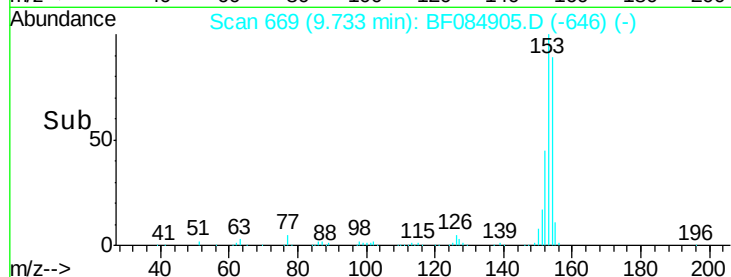
152 51.5 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 28.32 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.03 min

Lab File: BF084905.D

Acq: 6 Feb 2016 12:12

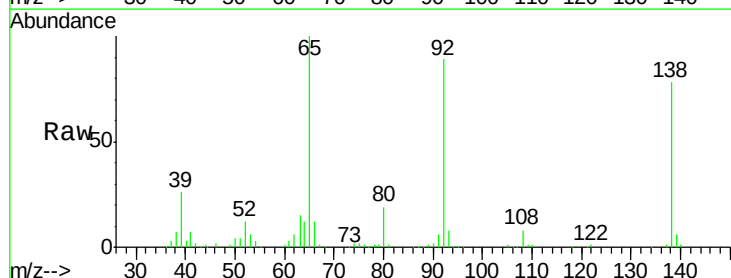
Tgt Ion:138 Resp: 159520

Ion Ratio Lower Upper

138 100

108 10.7 10.5 15.7

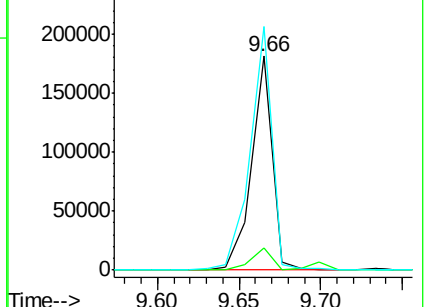
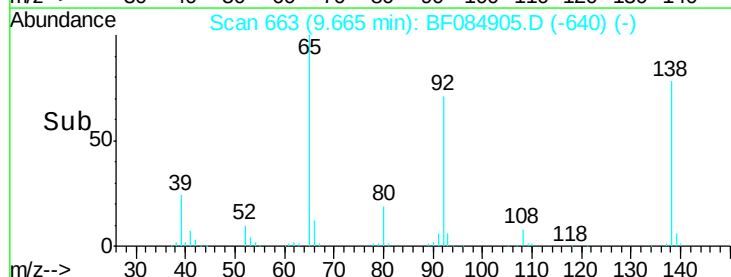
92 114.0 103.9 155.9

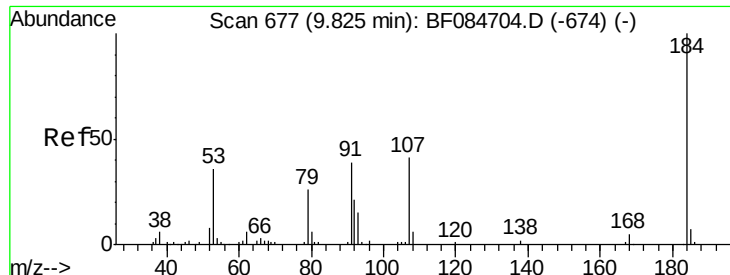


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

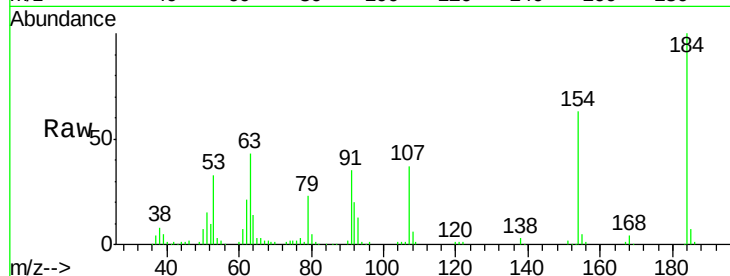




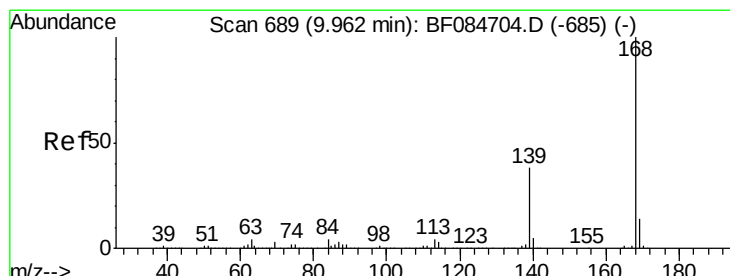
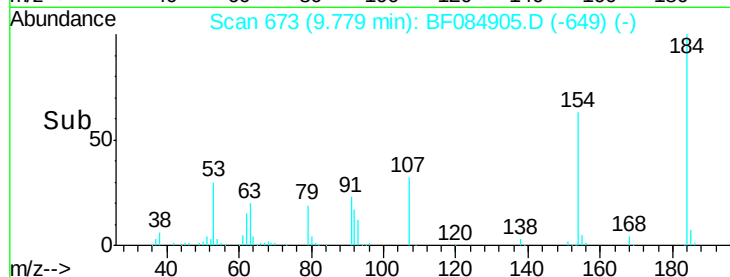
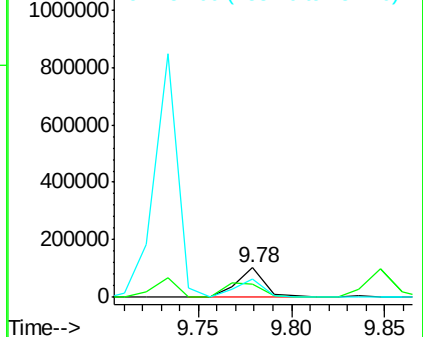
#53
 2,4-Dinitrophenol
 Concen: 49.40 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.02 min
 Lab File: BF084905.D
 Acq: 6 Feb 2016 12:12

Instrument :
 BNA_F
 ClientSampleId :
 PB88196BS

Tgt Ion:184 Resp: 108753
 Ion Ratio Lower Upper
 184 100
 63 43.3 43.1 64.7
 154 62.8 60.5 90.7

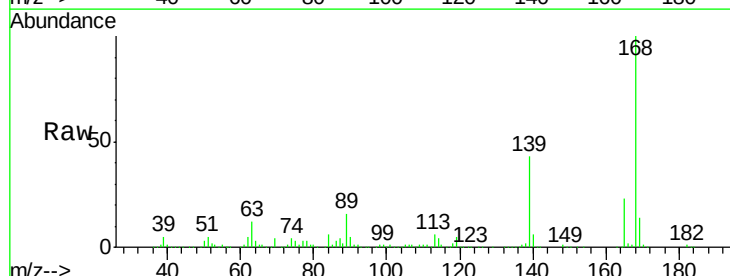


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

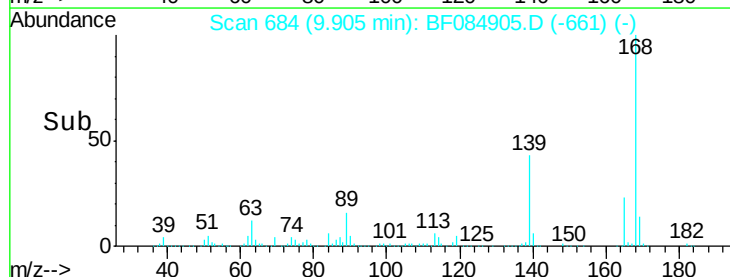
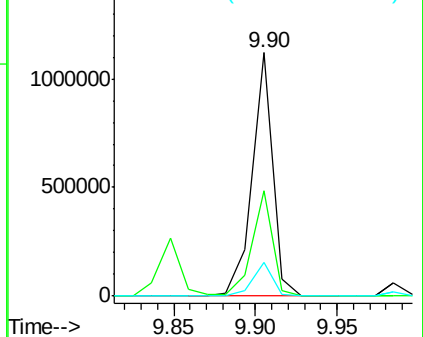


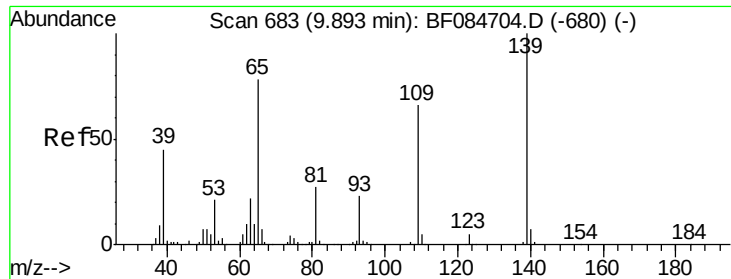
#54
 Dibenzofuran
 Concen: 40.85 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.03 min
 Lab File: BF084905.D
 Acq: 6 Feb 2016 12:12

Tgt Ion:168 Resp: 976802
 Ion Ratio Lower Upper
 168 100
 139 43.2 30.5 45.7
 169 13.9 10.4 15.6



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





#55

4-Nitrophenol

Concen: 60.49 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.02 min

Lab File: BF084905.D

Acq: 6 Feb 2016 12:12

Instrument :

BNA_F

ClientSampleId :

PB88196BS

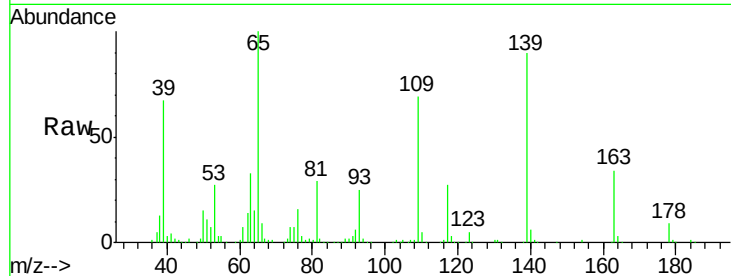
Tgt Ion:139 Resp: 250383

Ion Ratio Lower Upper

139 100

109 76.4 58.5 98.5

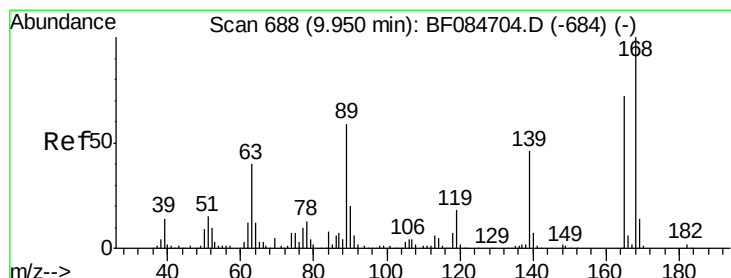
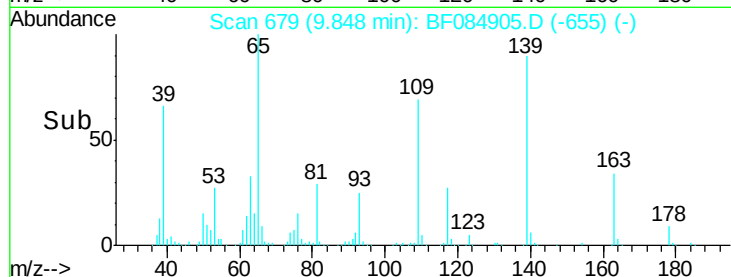
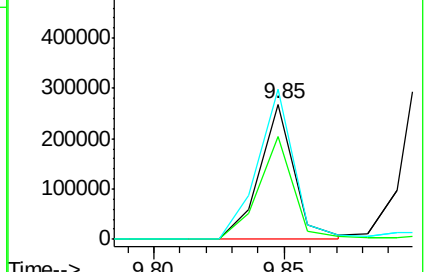
65 111.1 57.6 97.6#



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): E



#56

2,4-Dinitrotoluene

Concen: 41.72 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF084905.D

Acq: 6 Feb 2016 12:12

Tgt Ion:165 Resp: 266703

Ion Ratio Lower Upper

165 100

63 54.4 36.7 55.1

89 70.2 61.9 92.9

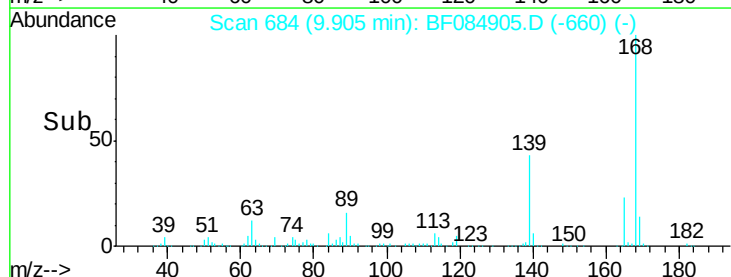
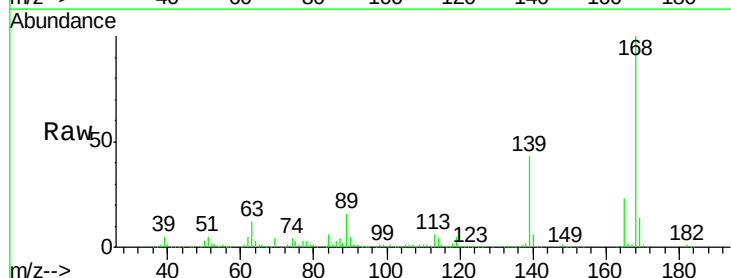
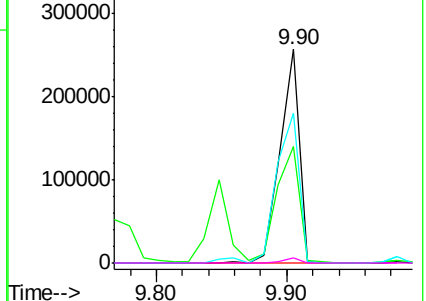
182 2.4 2.0 3.0

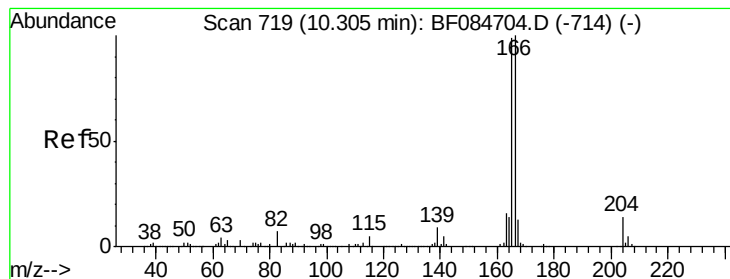
Abundance Ion 165.00 (164.70 to 165.70): E

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: 41.02 ng

RT: 10.25 min Scan# 714

Delta R.T. -0.02 min

Lab File: BF084905.D

Acq: 6 Feb 2016 12:12

Instrument :

BNA_F

ClientSampleId :

PB88196BS

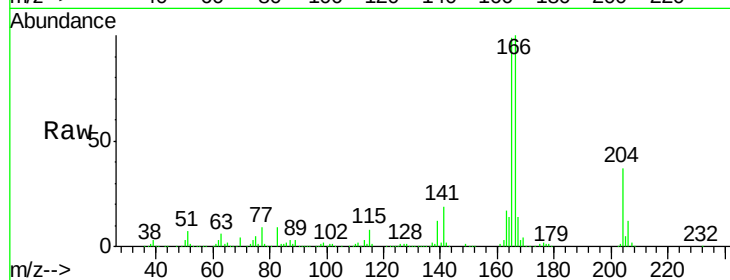
Tgt Ion:166 Resp: 818943

Ion Ratio Lower Upper

166 100

165 98.8 79.1 118.7

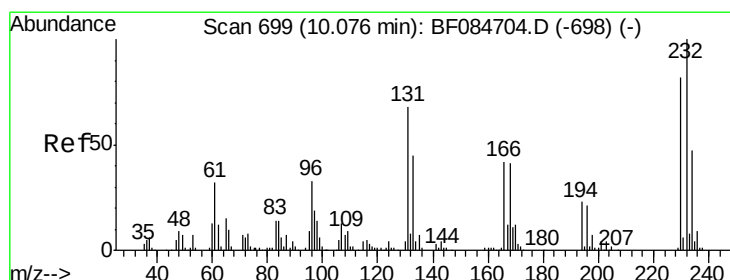
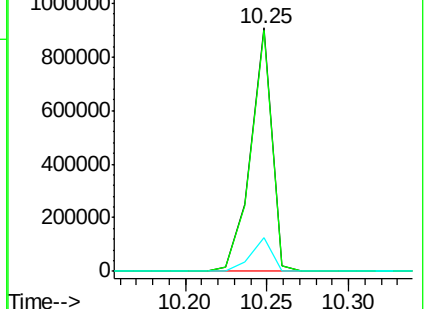
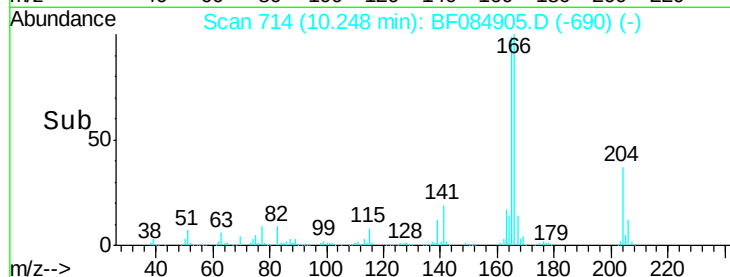
167 13.7 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.73 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.02 min

Lab File: BF084905.D

Acq: 6 Feb 2016 12:12

Tgt Ion:232 Resp: 213247

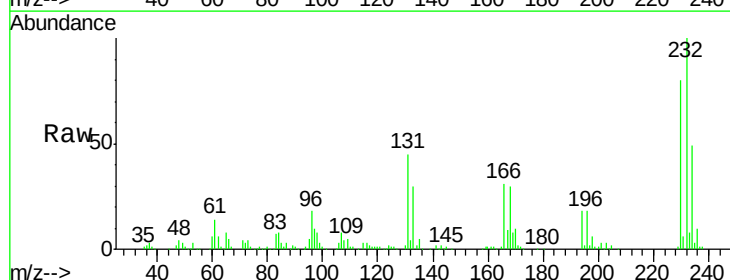
Ion Ratio Lower Upper

232 100

131 49.7 47.0 70.6

130 2.0 2.0 3.0

166 32.2 30.5 45.7

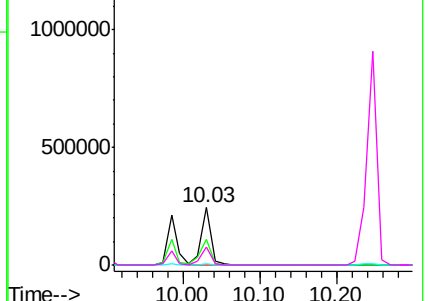
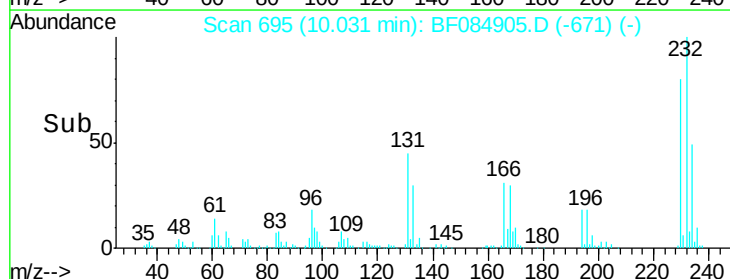


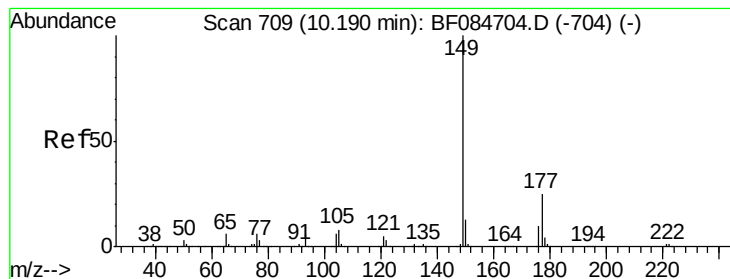
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 36.59 ng

RT: 10.13 min Scan# 704

Delta R.T. -0.03 min

Lab File: BF084905.D

Acq: 6 Feb 2016 12:12

Instrument :

BNA_F

ClientSampleId :

PB88196BS

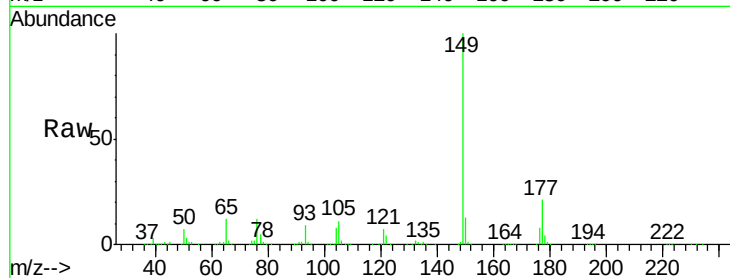
Tgt Ion:149 Resp: 819701

Ion Ratio Lower Upper

149 100

177 21.4 17.3 25.9

150 12.9 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

10.13

800000

600000

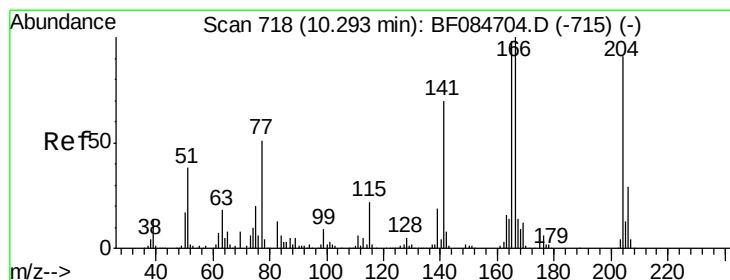
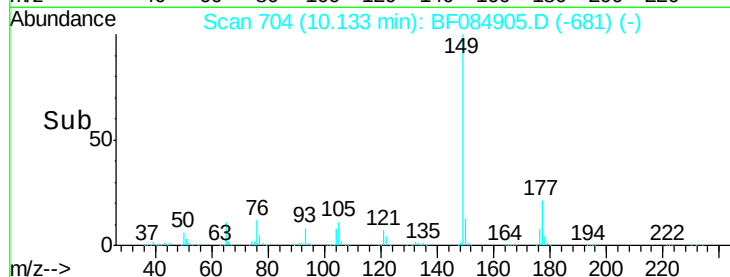
400000

200000

0

Time-->

10.05 10.10 10.15 10.20



#60

4-Chlorophenyl-phenylether

Concen: 44.19 ng

RT: 10.25 min Scan# 714

Delta R.T. -0.02 min

Lab File: BF084905.D

Acq: 6 Feb 2016 12:12

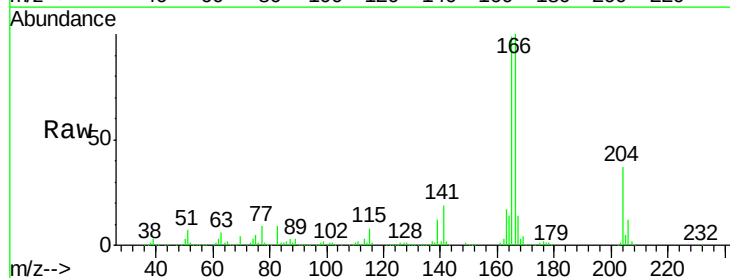
Tgt Ion:204 Resp: 371762

Ion Ratio Lower Upper

204 100

206 33.1 25.7 38.5

141 52.0 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

10.25

400000

300000

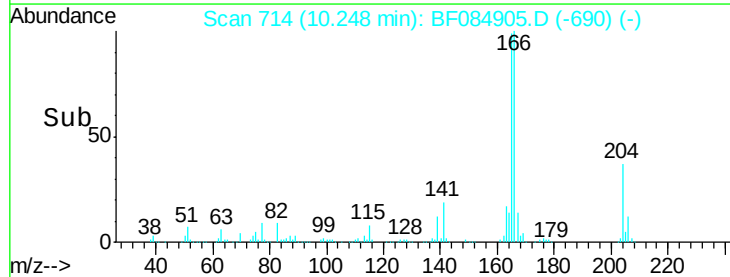
200000

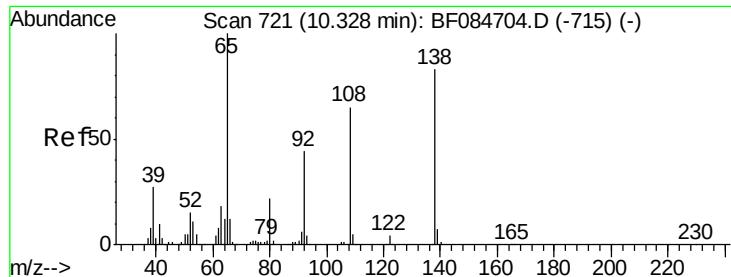
100000

0

Time-->

10.20 10.25 10.30





#61

4-Nitroaniline

Concen: 38.56 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF084905.D

Acq: 6 Feb 2016 12:12

Instrument :

BNA_F

ClientSampleId :

PB88196BS

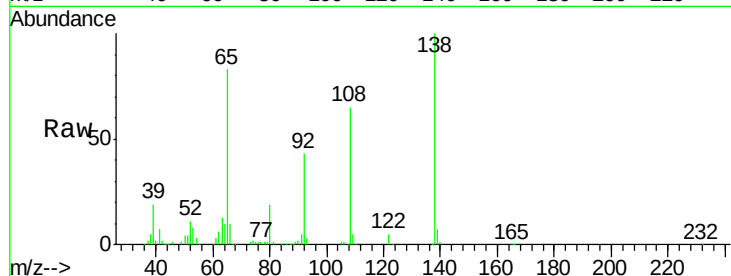
Tgt Ion:138 Resp: 211663

Ion Ratio Lower Upper

138 100

92 42.9 32.6 72.6

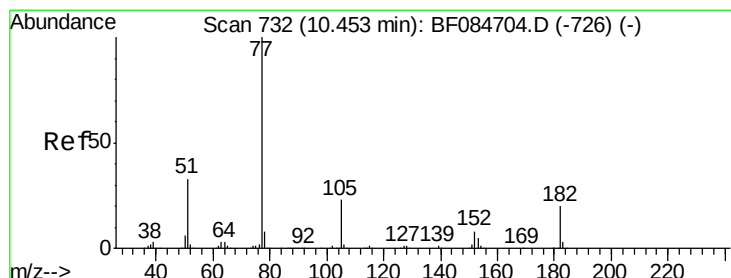
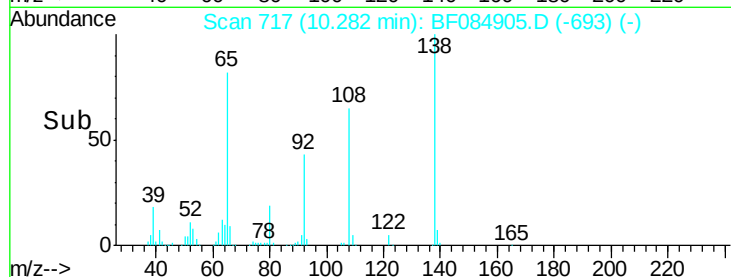
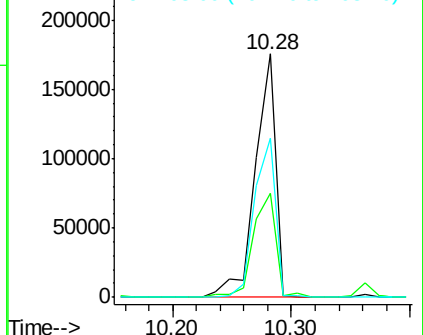
108 65.4 68.6 108.6#



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: 41.51 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.03 min

Lab File: BF084905.D

Acq: 6 Feb 2016 12:12

Tgt Ion: 77 Resp: 894353

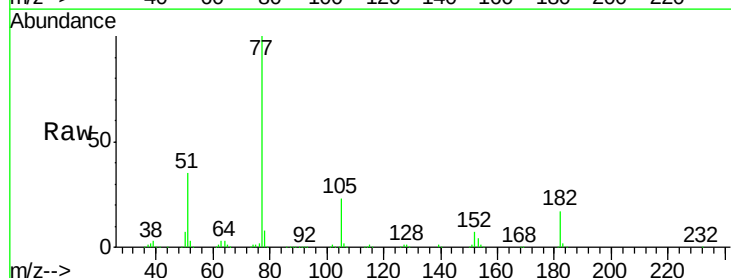
Ion Ratio Lower Upper

77 100

182 16.8 8.3 48.3

105 22.7 4.6 44.6

51 34.6 6.2 46.2

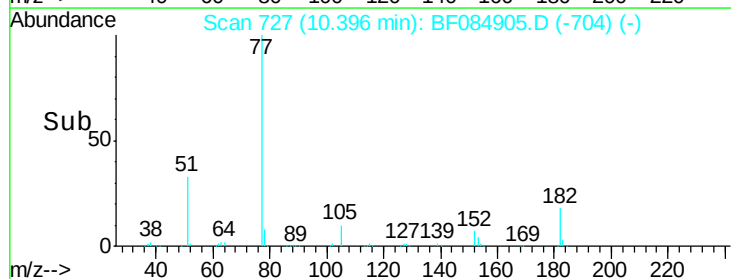
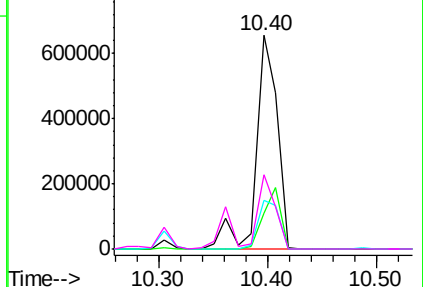


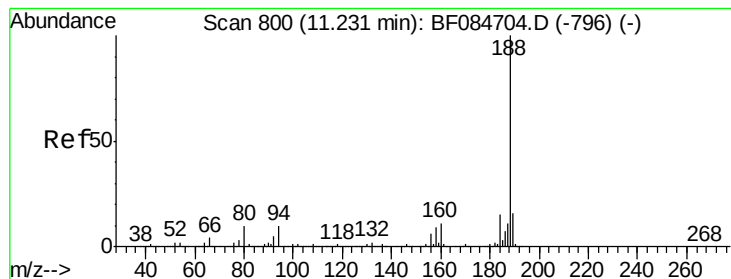
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.17 min Scan# 795

Delta R.T. -0.03 min

Lab File: BF084905.D

Acq: 6 Feb 2016 12:12

Instrument :

BNA_F

ClientSampleId :

PB88196BS

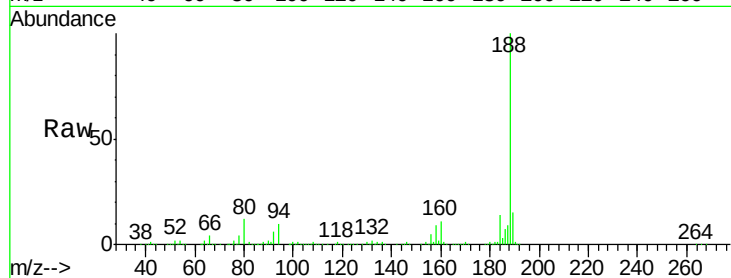
Tgt Ion:188 Resp: 494333

Ion Ratio Lower Upper

188 100

94 10.3 9.0 13.4

80 11.7 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

600000

500000

400000

300000

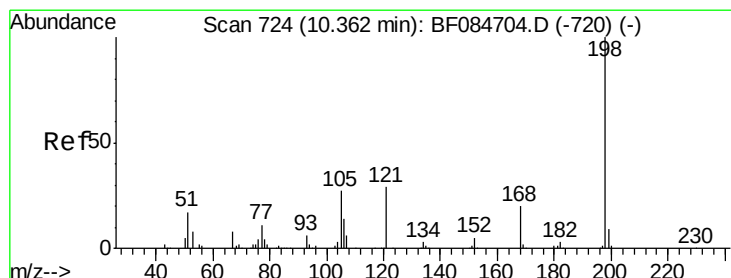
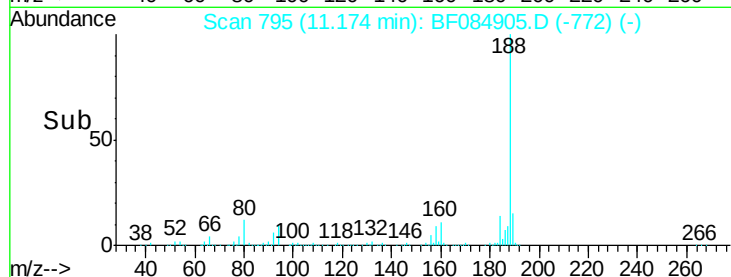
200000

100000

0

11.10 11.15 11.20

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 30.50 ng

RT: 10.30 min Scan# 719

Delta R.T. -0.03 min

Lab File: BF084905.D

Acq: 6 Feb 2016 12:12

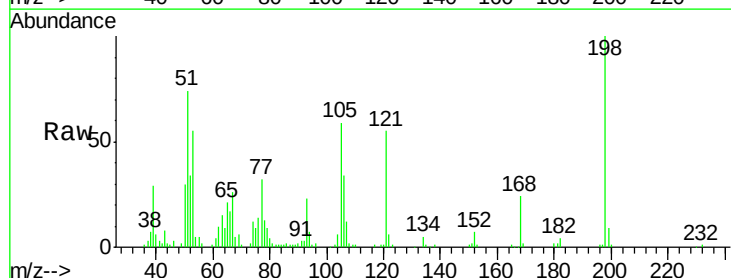
Tgt Ion:198 Resp: 93057

Ion Ratio Lower Upper

198 100

51 74.0 18.9 58.9#

105 59.2 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

300000

250000

200000

150000

100000

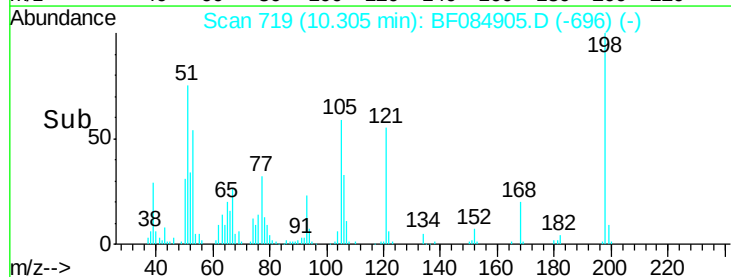
50000

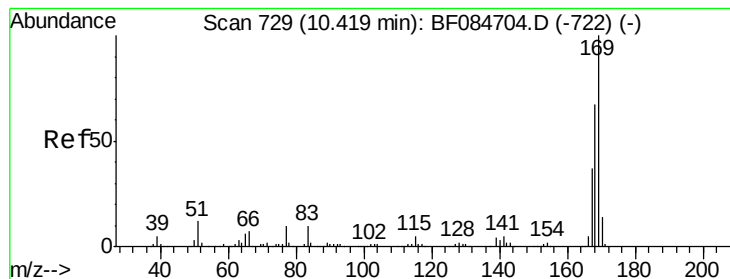
0

10.30

10.40

Time-->





#65

n-Nitrosodiphenylamine

Concen: 41.76 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.03 min

Lab File: BF084905.D

Acq: 6 Feb 2016 12:12

Instrument :

BNA_F

ClientSampleId :

PB88196BS

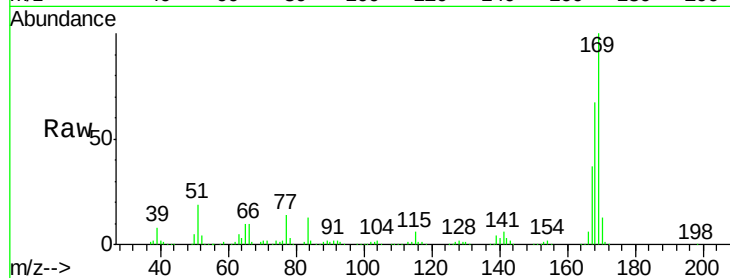
Tgt Ion:169 Resp: 655435

Ion Ratio Lower Upper

169 100

168 67.3 55.1 82.7

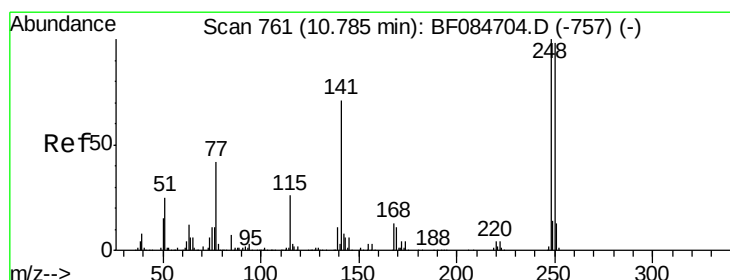
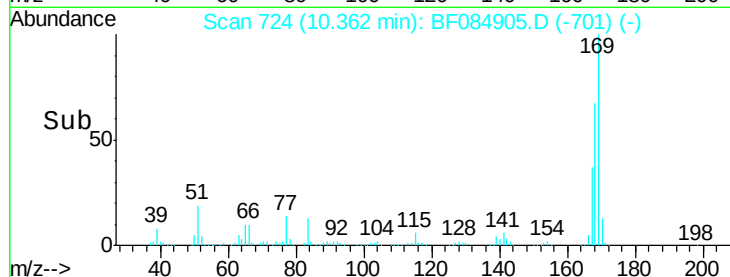
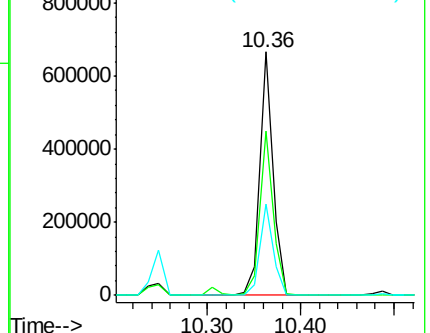
167 37.4 30.0 45.0



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: 42.04 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.03 min

Lab File: BF084905.D

Acq: 6 Feb 2016 12:12

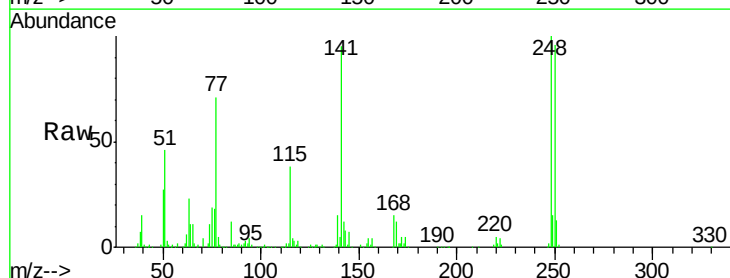
Tgt Ion:248 Resp: 229534

Ion Ratio Lower Upper

248 100

250 96.3 78.4 117.6

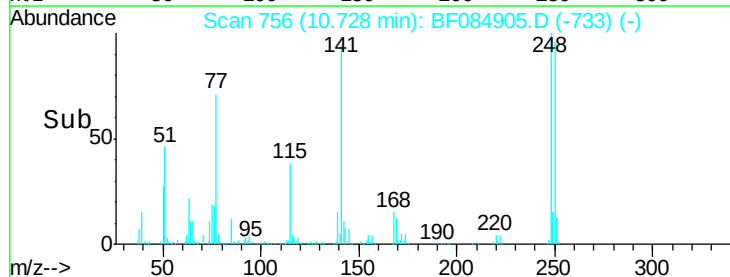
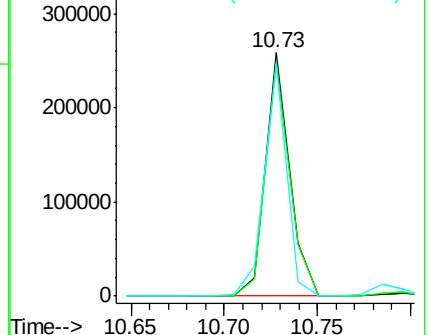
141 95.3 44.0 66.0#

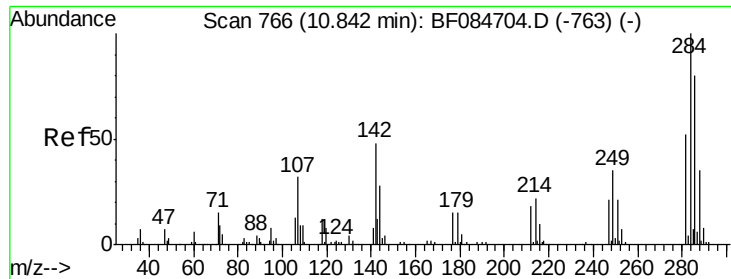


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

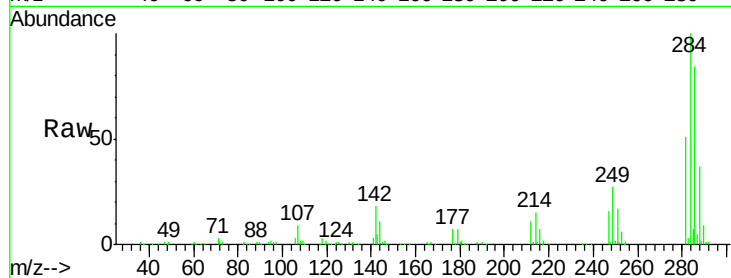




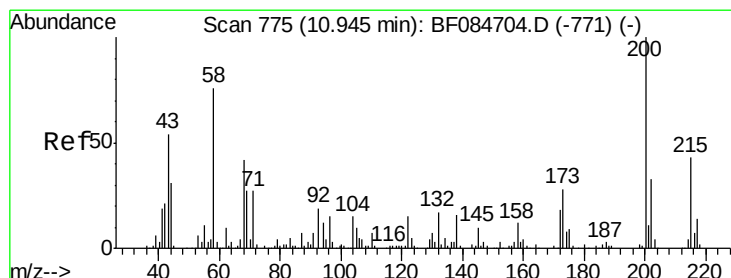
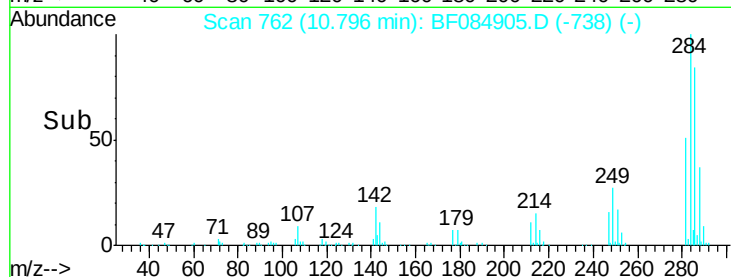
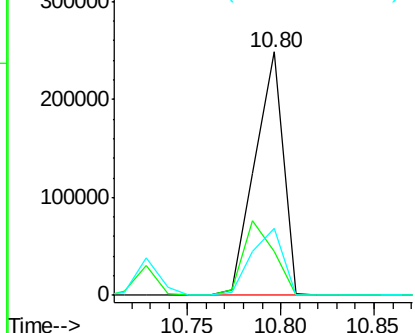
#67
Hexachlorobenzene
Concen: 43.85 ng
RT: 10.80 min Scan# 762
Delta R.T. -0.02 min
Lab File: BF084905.D
Acq: 6 Feb 2016 12:12

Instrument :
BNA_F
ClientSampleId :
PB88196BS

Tgt Ion	Ratio	Lower	Upper
284	100		
142	18.0	22.2	33.4
249	27.4	24.6	37.0

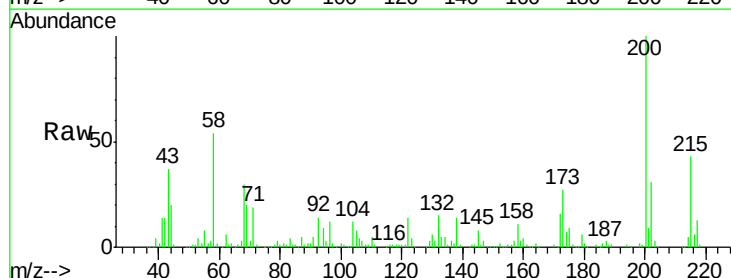


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

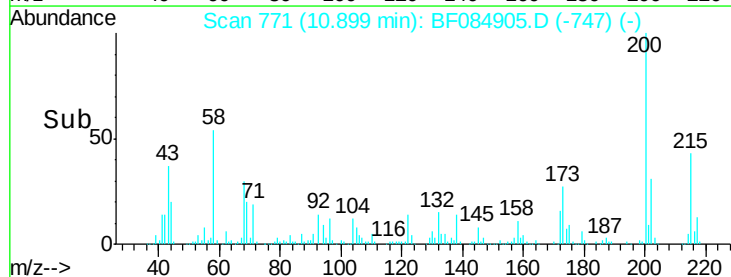
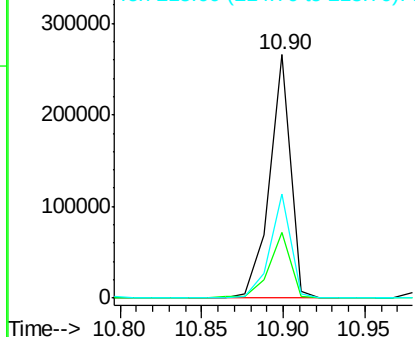


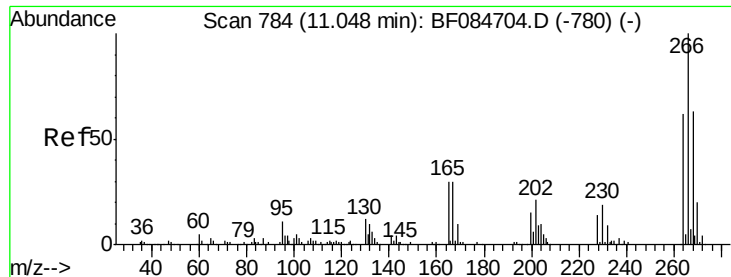
#68
Atrazine
Concen: 48.04 ng
RT: 10.90 min Scan# 771
Delta R.T. -0.02 min
Lab File: BF084905.D
Acq: 6 Feb 2016 12:12

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.1	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

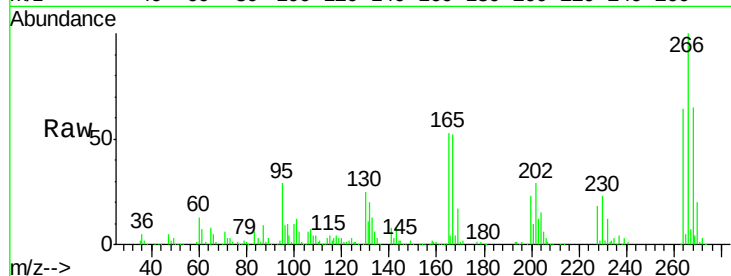




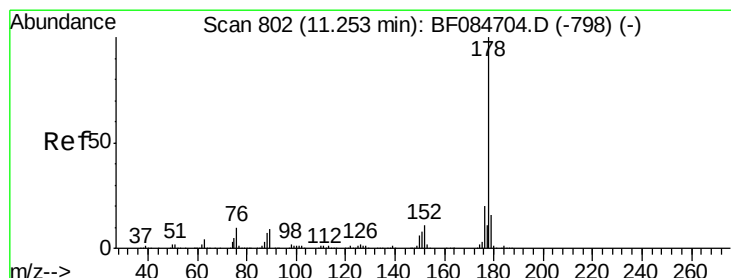
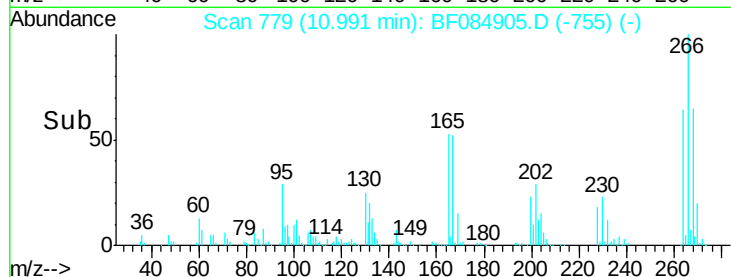
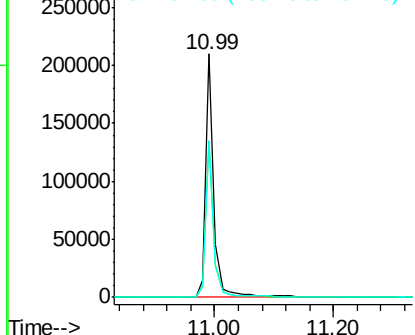
#69
 Pentachlorophenol
 Concen: 74.00 ng
 RT: 10.99 min Scan# 779
 Delta R.T. -0.02 min
 Lab File: BF084905.D
 Acq: 6 Feb 2016 12:12

Instrument :
 BNA_F
 ClientSampleId :
 PB88196BS

Tgt Ion:266 Resp: 206902
 Ion Ratio Lower Upper
 266 100
 268 64.6 52.4 78.6
 264 64.2 50.2 75.2

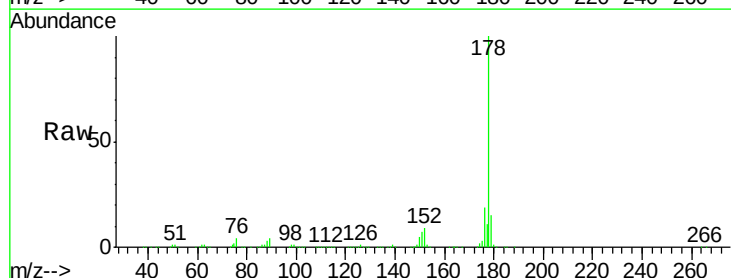


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

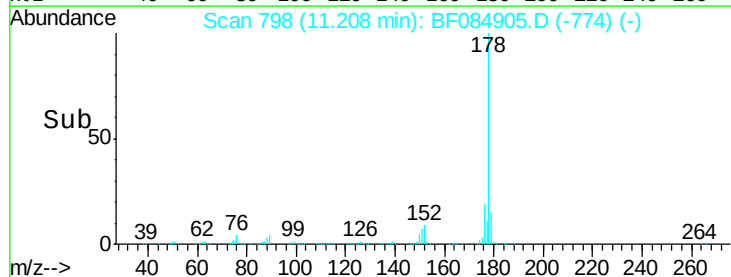
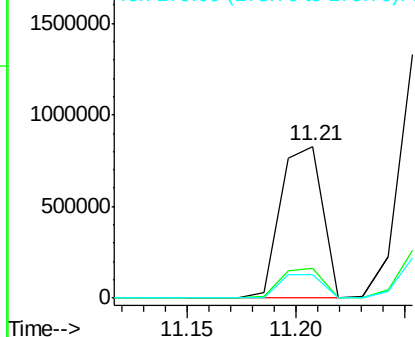


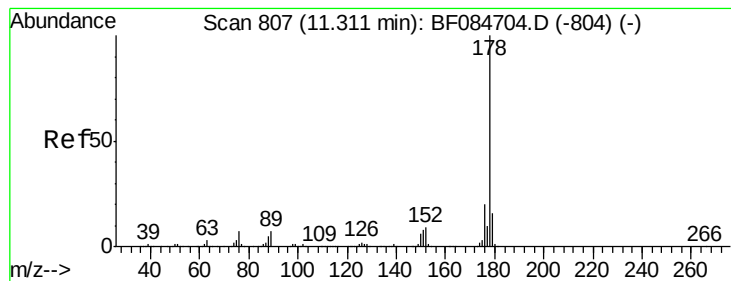
#70
 Phenanthrene
 Concen: 40.80 ng
 RT: 11.21 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BF084905.D
 Acq: 6 Feb 2016 12:12

Tgt Ion:178 Resp: 1118750
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.3 22.9
 179 15.2 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: 40.87 ng

RT: 11.25 min Scan# 802

Delta R.T. -0.03 min

Lab File: BF084905.D

Acq: 6 Feb 2016 12:12

Instrument :

BNA_F

ClientSampleId :

PB88196BS

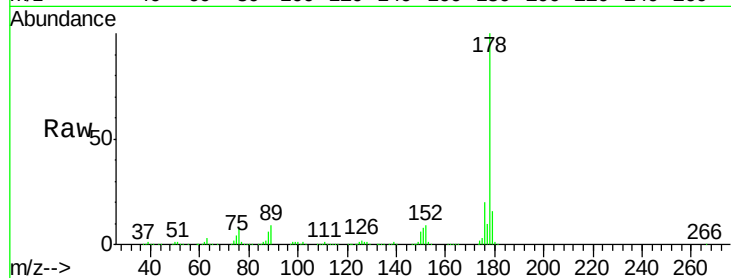
Tgt Ion:178 Resp: 1129023

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.0

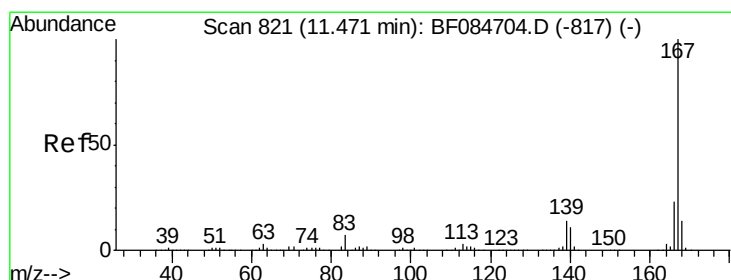
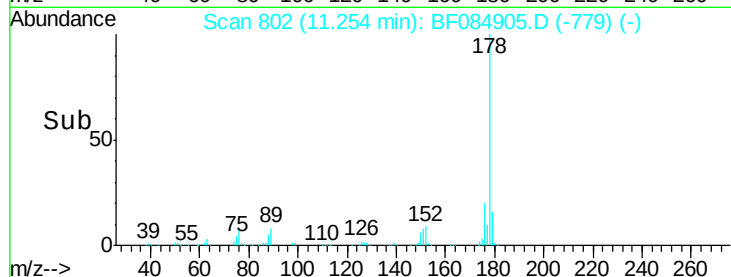
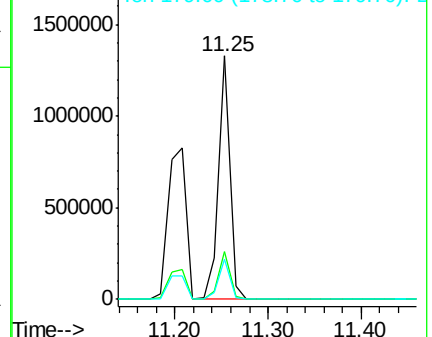
179 16.3 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.40 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.03 min

Lab File: BF084905.D

Acq: 6 Feb 2016 12:12

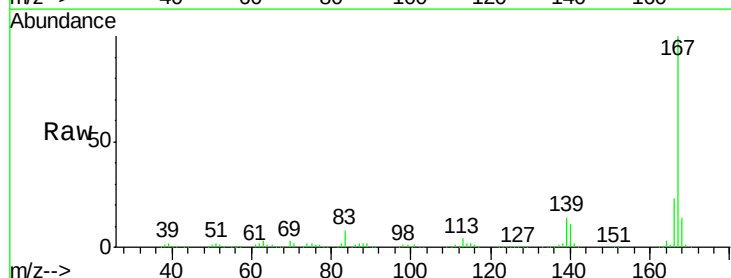
Tgt Ion:167 Resp: 973189

Ion Ratio Lower Upper

167 100

166 22.9 17.6 26.4

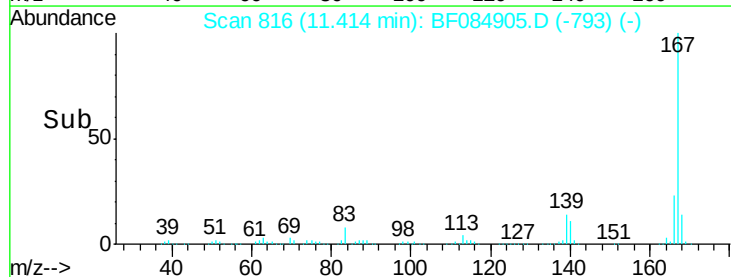
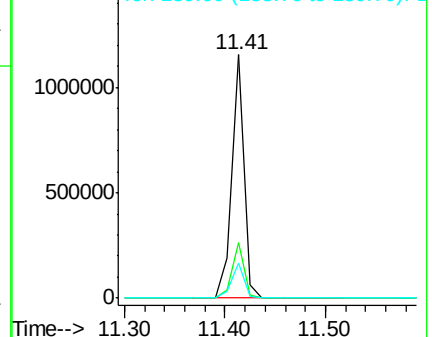
139 14.3 11.8 17.8

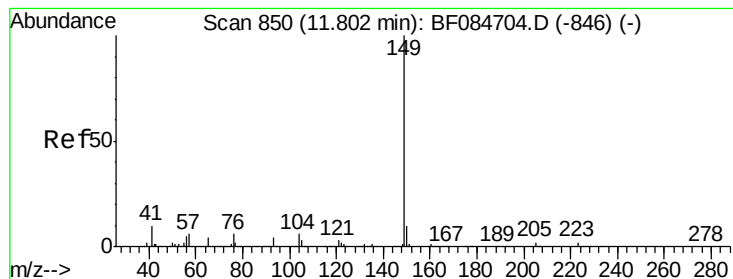


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 44.77 ng

RT: 11.76 min Scan# 846

Delta R.T. -0.02 min

Lab File: BF084905.D

Acq: 6 Feb 2016 12:12

Instrument :

BNA_F

ClientSampleId :

PB88196BS

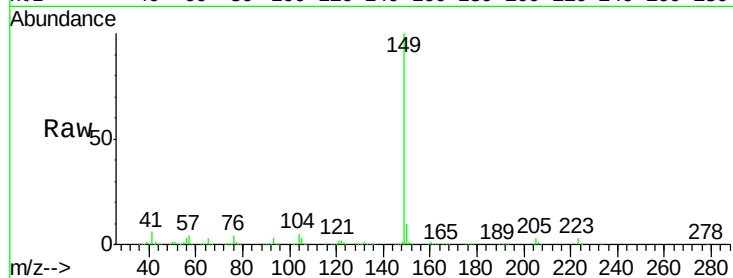
Tgt Ion:149 Resp: 1373186

Ion Ratio Lower Upper

149 100

150 9.5 7.1 10.7

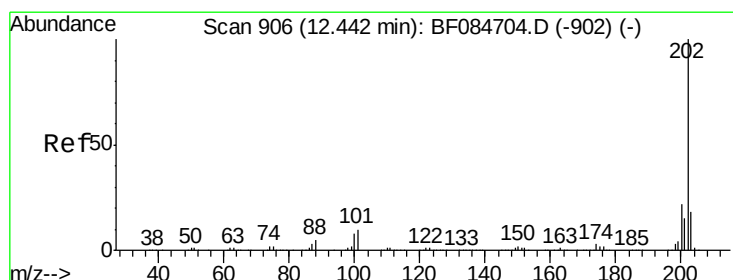
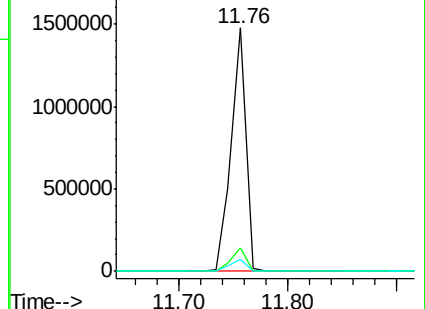
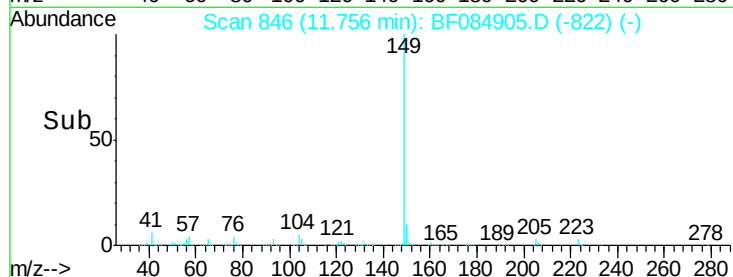
104 4.8 3.2 4.8#



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: 37.76 ng

RT: 12.39 min Scan# 901

Delta R.T. -0.03 min

Lab File: BF084905.D

Acq: 6 Feb 2016 12:12

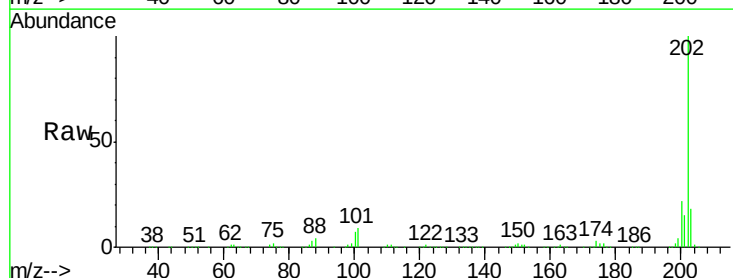
Tgt Ion:202 Resp: 1047865

Ion Ratio Lower Upper

202 100

101 9.3 0.0 32.8

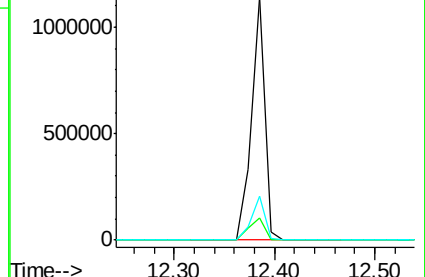
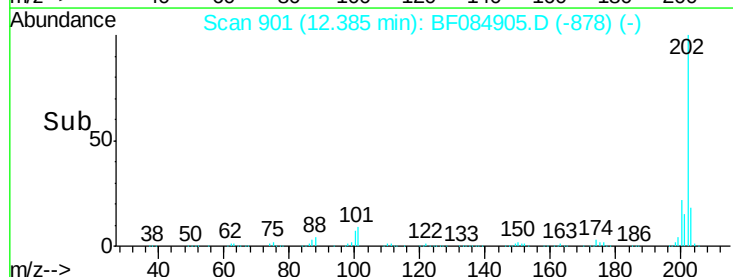
203 18.1 0.0 37.9

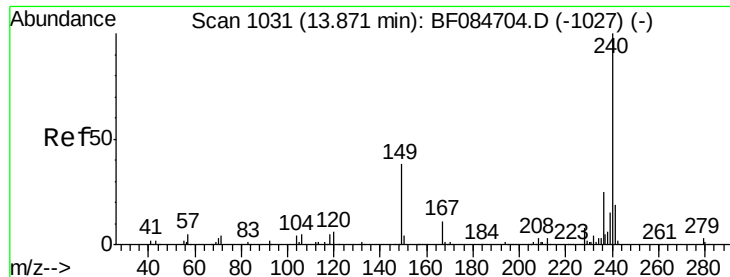


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.80 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BF084905.D

Acq: 6 Feb 2016 12:12

Instrument :

BNA_F

ClientSampleId :

PB88196BS

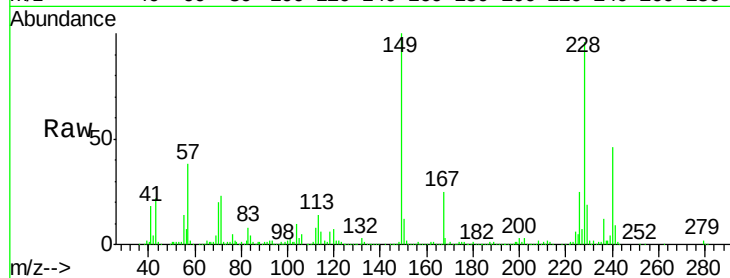
Tgt Ion:240 Resp: 295353

Ion Ratio Lower Upper

240 100

120 16.2 9.5 14.3#

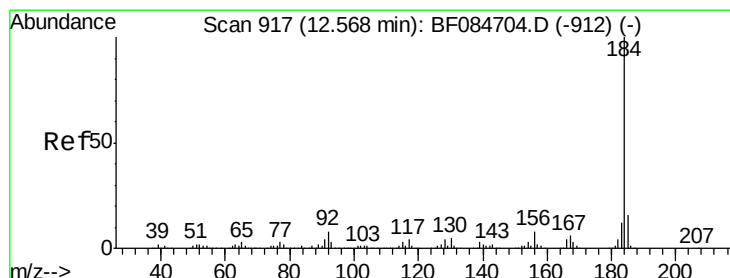
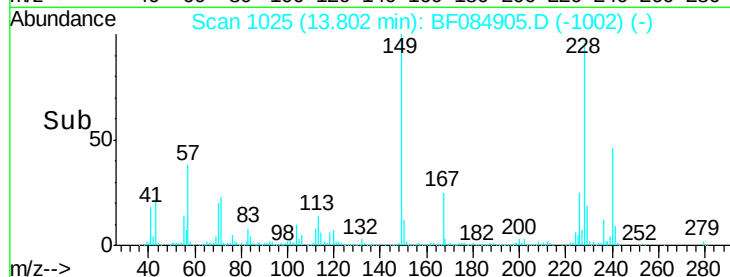
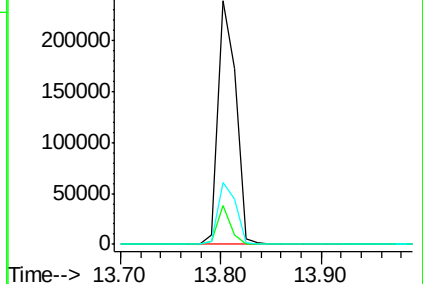
236 25.5 20.6 31.0



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: 46.40 ng

RT: 12.51 min Scan# 912

Delta R.T. -0.03 min

Lab File: BF084905.D

Acq: 6 Feb 2016 12:12

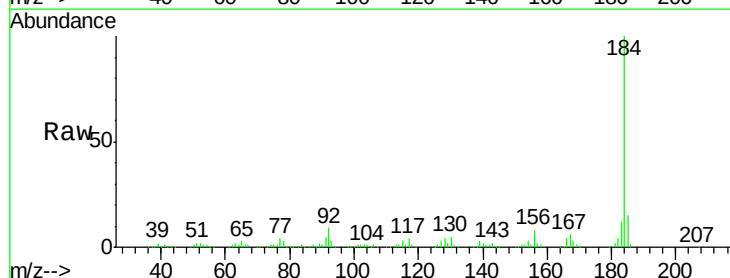
Tgt Ion:184 Resp: 470886

Ion Ratio Lower Upper

184 100

185 14.9 12.2 18.2

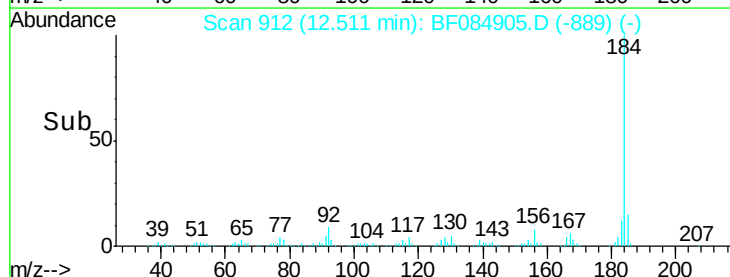
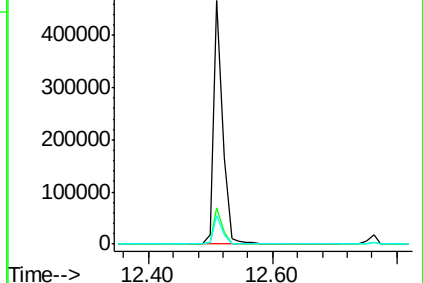
183 11.7 9.8 14.8

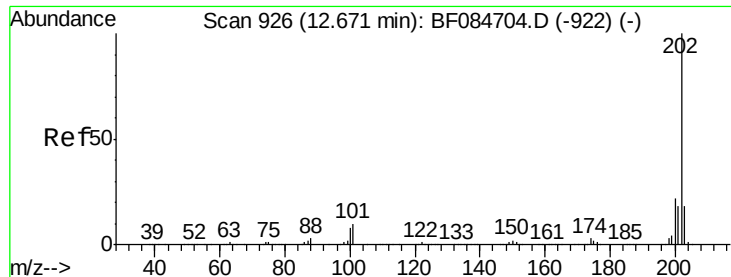


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

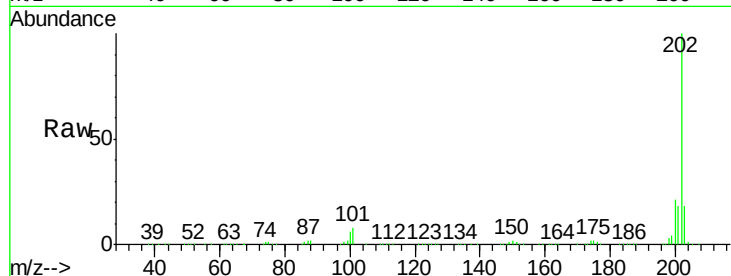




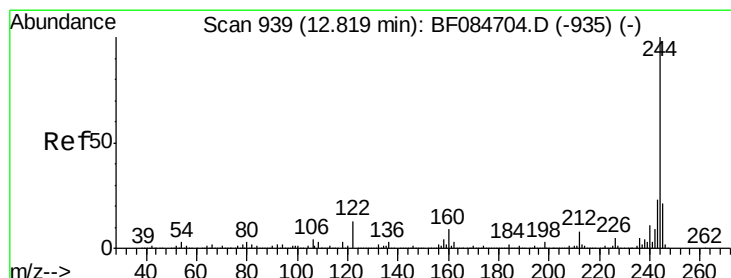
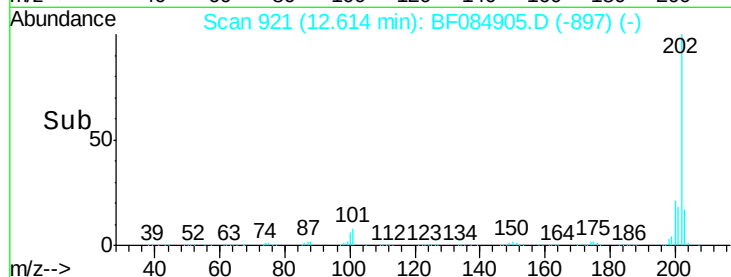
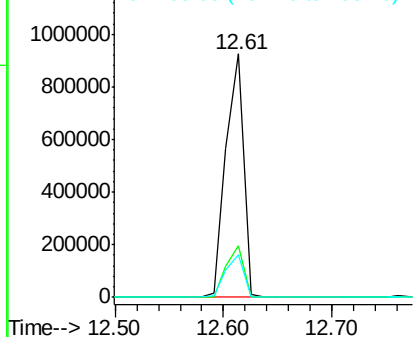
#77
 Pyrene
 Concen: 46.30 ng
 RT: 12.61 min Scan# 921
 Delta R.T. -0.02 min
 Lab File: BF084905.D
 Acq: 6 Feb 2016 12:12

Instrument :
 BNA_F
 ClientSampleId :
 PB88196BS

Tgt Ion: 202 Resp: 1047055
 Ion Ratio Lower Upper
 202 100
 200 21.1 17.2 25.8
 203 17.5 14.3 21.5

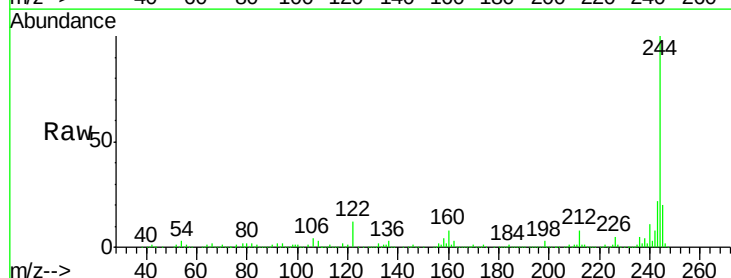


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

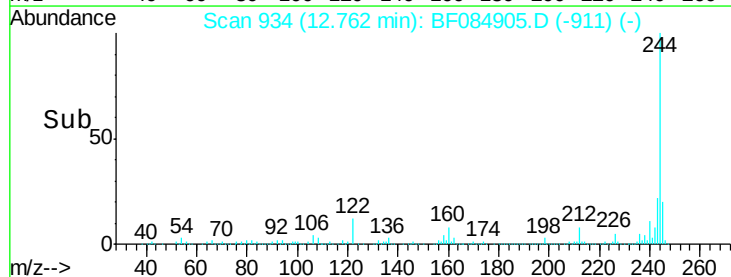
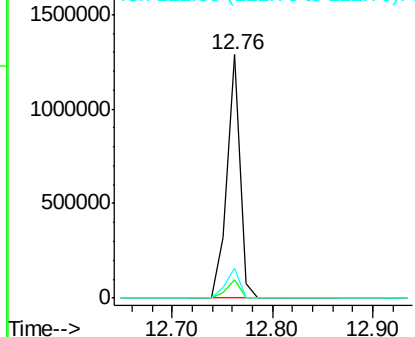


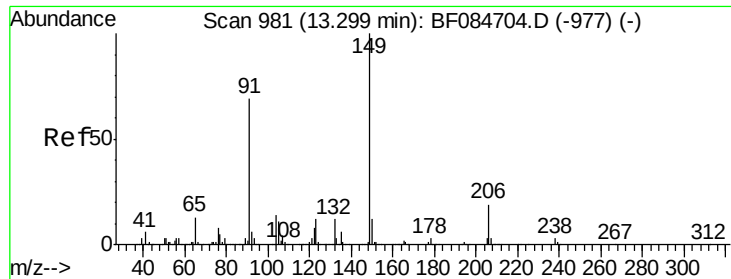
#78
 Terphenyl-d14
 Concen: 89.29 ng
 RT: 12.76 min Scan# 934
 Delta R.T. -0.03 min
 Lab File: BF084905.D
 Acq: 6 Feb 2016 12:12

Tgt Ion: 244 Resp: 1163795
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.7 8.5
 122 12.4 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

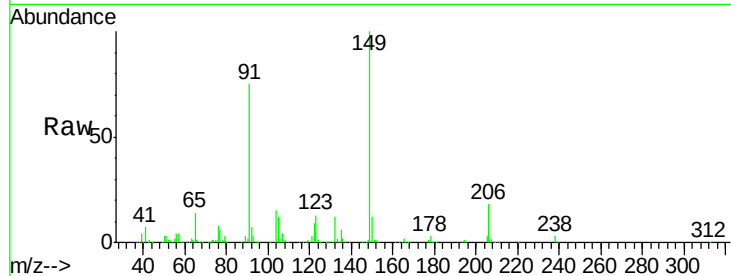




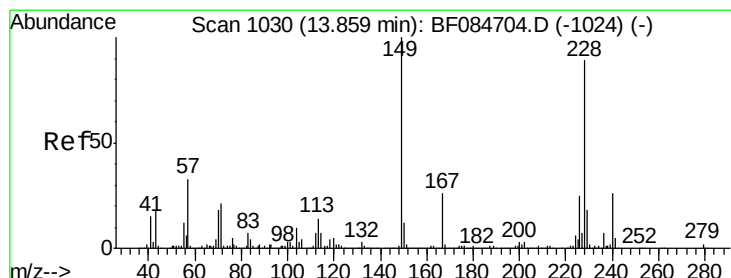
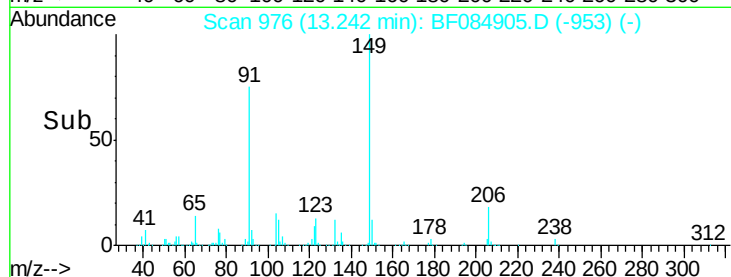
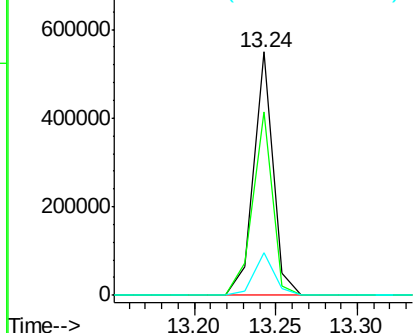
#79
Butylbenzylphthalate
Concen: 44.34 ng
RT: 13.24 min Scan# 976
Delta R.T. -0.03 min
Lab File: BF084905.D
Acq: 6 Feb 2016 12:12

Instrument :
BNA_F
ClientSampleId :
PB88196BS

Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.2	57.6	86.4
206	17.6	13.2	19.8

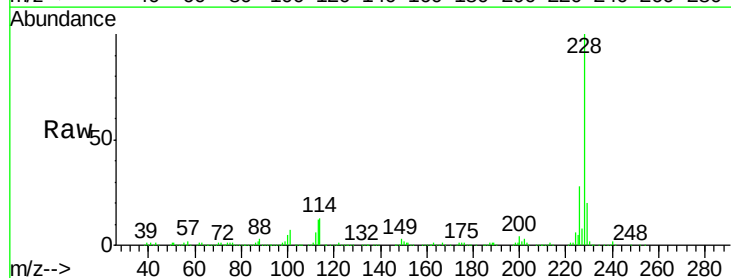


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

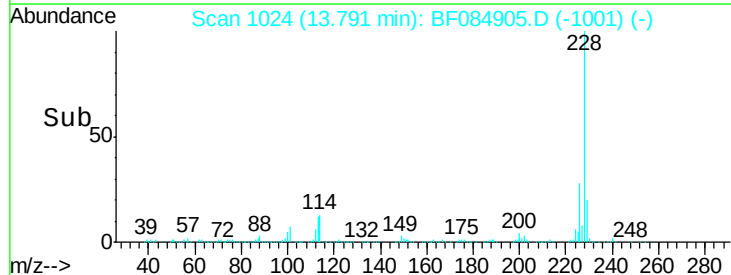
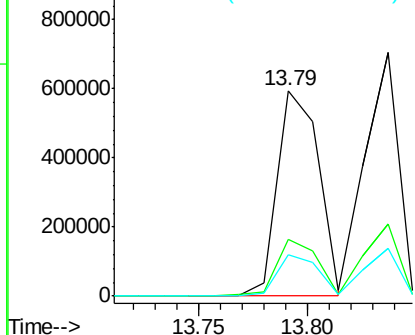


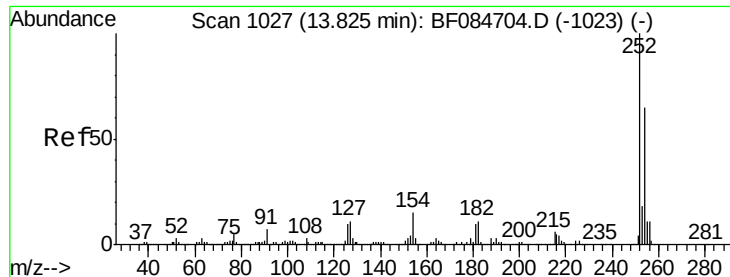
#80
Benzo(a)anthracene
Concen: 43.33 ng
RT: 13.79 min Scan# 1024
Delta R.T. -0.03 min
Lab File: BF084905.D
Acq: 6 Feb 2016 12:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.8	32.6
229	20.2	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

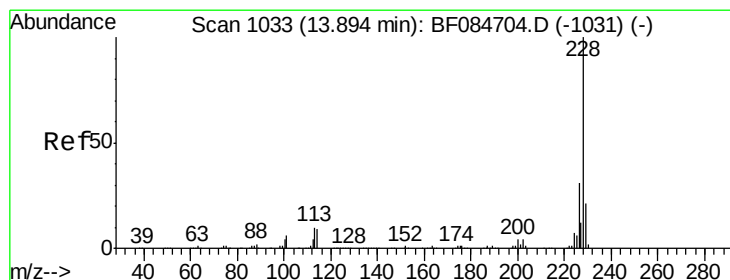
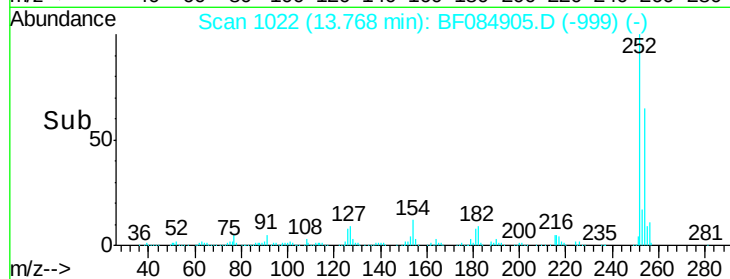
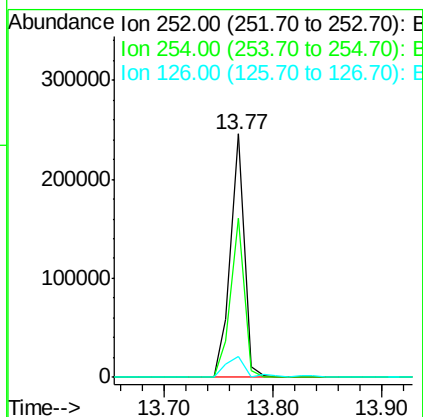
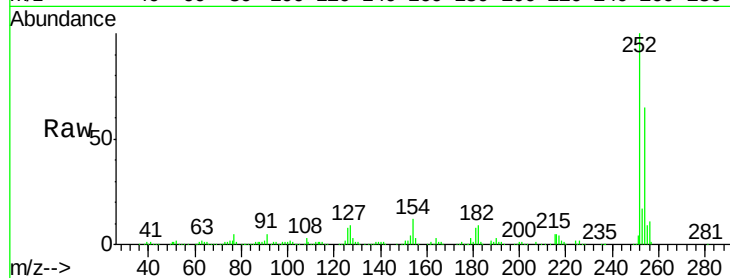




#81
 3,3'-Dichlorobenzidine
 Concen: 33.60 ng
 RT: 13.77 min Scan# 1022
 Delta R.T. -0.03 min
 Lab File: BF084905.D
 Acq: 6 Feb 2016 12:12

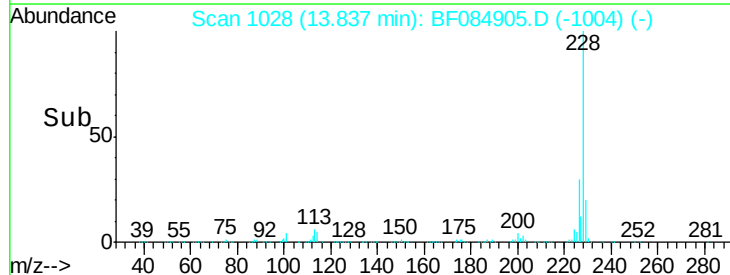
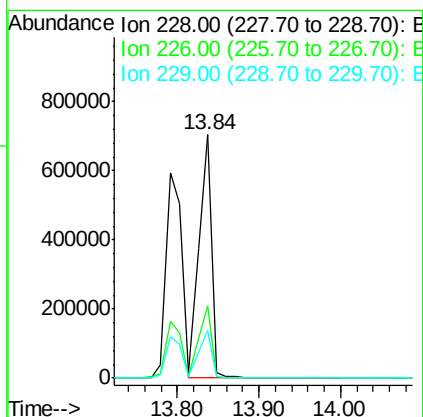
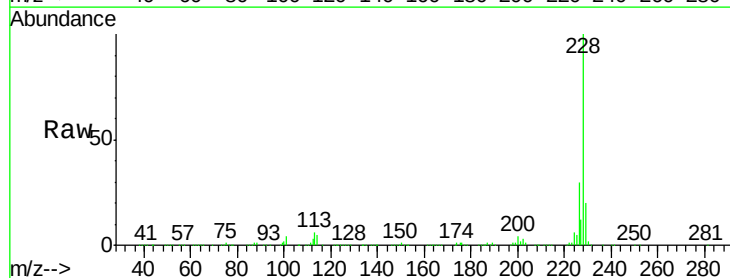
Instrument :
 BNA_F
 ClientSampleId :
 PB88196BS

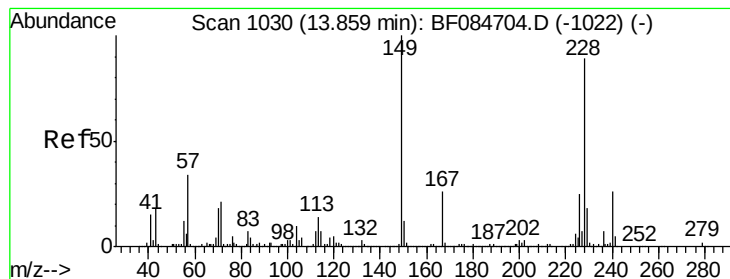
Tgt Ion:252 Resp: 218095
 Ion Ratio Lower Upper
 252 100
 254 65.1 53.5 80.3
 126 8.4 4.9 7.3#



#82
 Chrysene
 Concen: 42.91 ng
 RT: 13.84 min Scan# 1028
 Delta R.T. -0.02 min
 Lab File: BF084905.D
 Acq: 6 Feb 2016 12:12

Tgt Ion:228 Resp: 762707
 Ion Ratio Lower Upper
 228 100
 226 29.8 24.3 36.5
 229 19.6 16.1 24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.82 ng

RT: 13.80 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BF084905.D

Acq: 6 Feb 2016 12:12

Instrument :

BNA_F

ClientSampleId :

PB88196BS

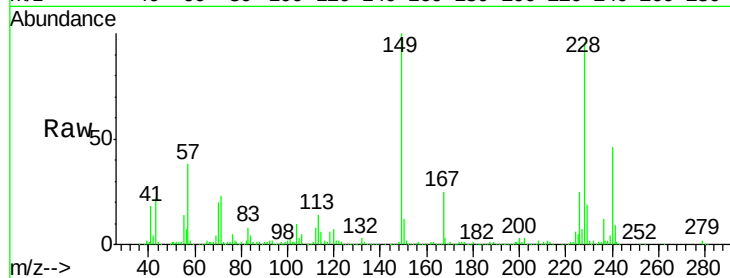
Tgt Ion:149 Resp: 572161

Ion Ratio Lower Upper

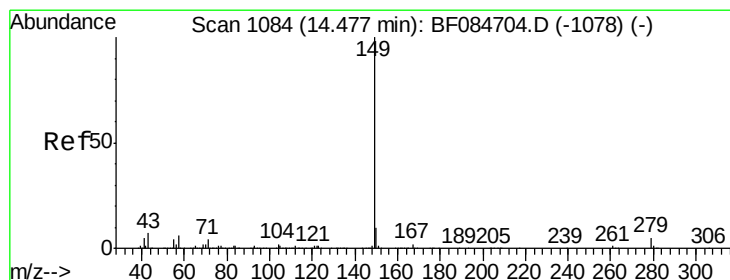
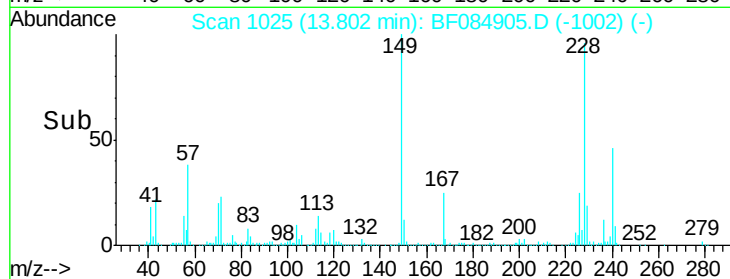
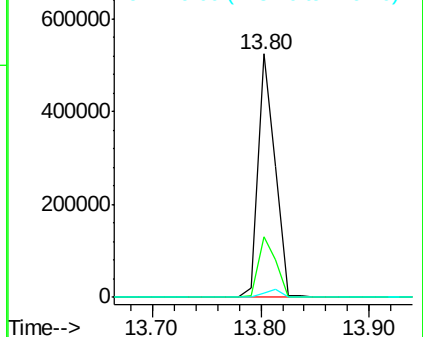
149 100

167 25.0 19.7 29.5

279 1.8 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: 47.22 ng

RT: 14.42 min Scan# 1079

Delta R.T. -0.02 min

Lab File: BF084905.D

Acq: 6 Feb 2016 12:12

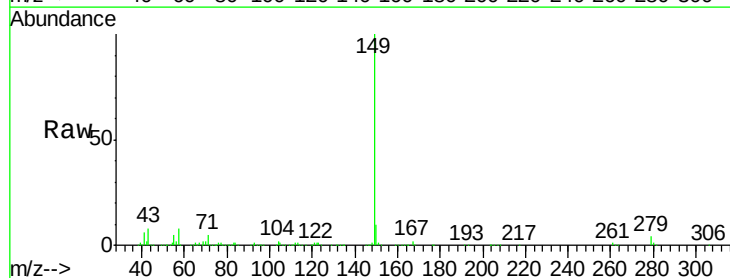
Tgt Ion:149 Resp: 994607

Ion Ratio Lower Upper

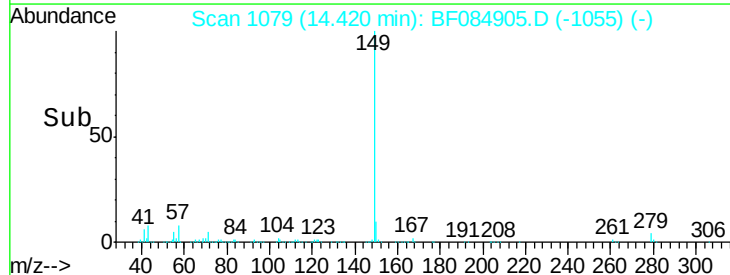
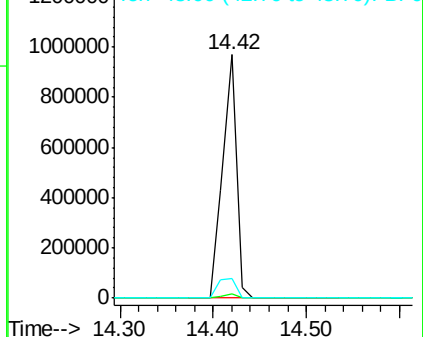
149 100

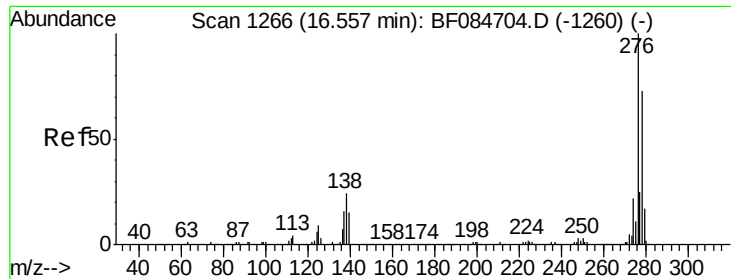
167 1.5 1.2 1.8

43 10.8 5.6 8.4#



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





#85

Indeno(1,2,3-cd)pyrene

Concen: 55.86 ng

RT: 16.45 min Scan# 1257

Delta R.T. -0.05 min

Lab File: BF084905.D

Acq: 6 Feb 2016 12:12

Instrument :

BNA_F

ClientSampleId :

PB88196BS

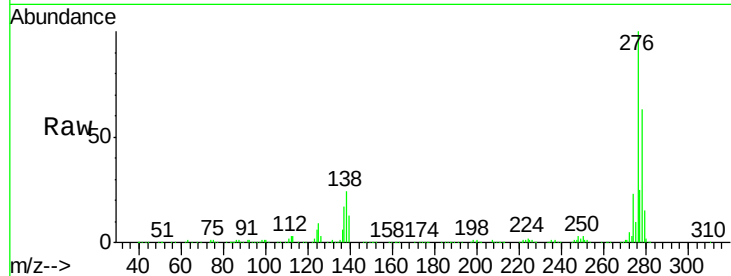
Tgt Ion:276 Resp: 781584

Ion Ratio Lower Upper

276 100

138 24.9 20.6 30.8

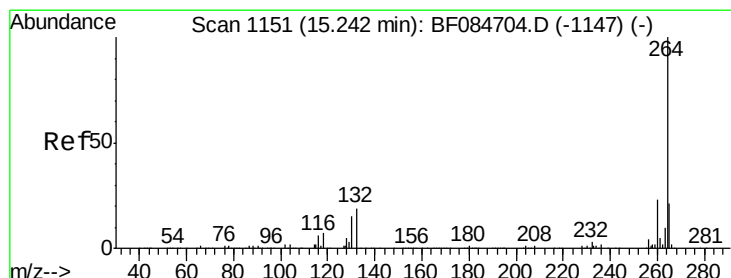
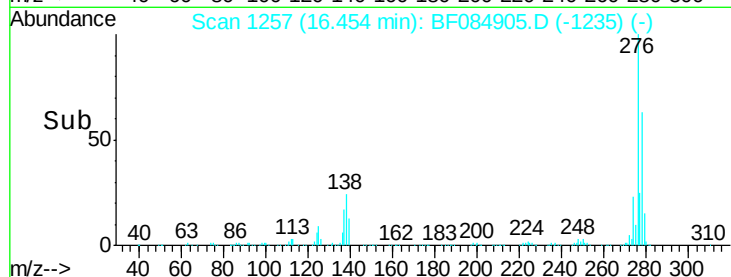
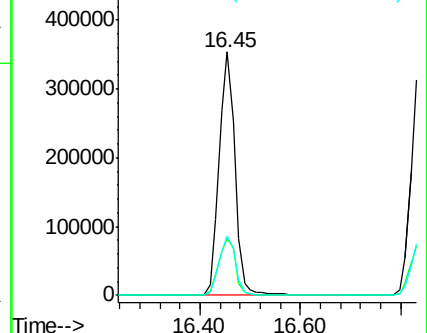
277 25.0 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.17 min Scan# 1145

Delta R.T. -0.03 min

Lab File: BF084905.D

Acq: 6 Feb 2016 12:12

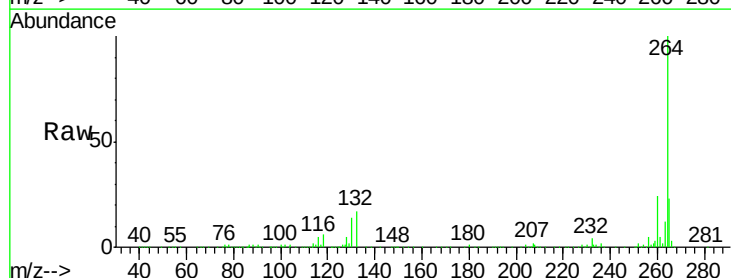
Tgt Ion:264 Resp: 305894

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.2

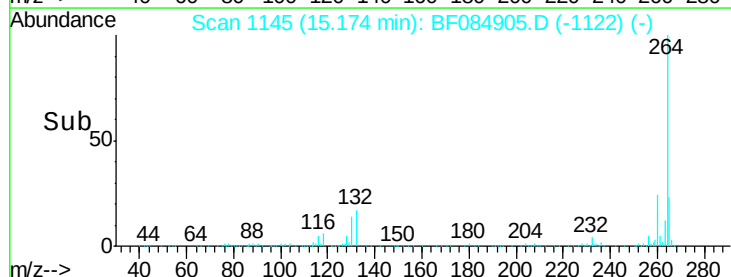
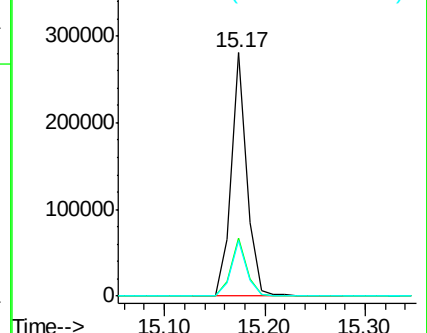
265 22.9 17.8 26.6

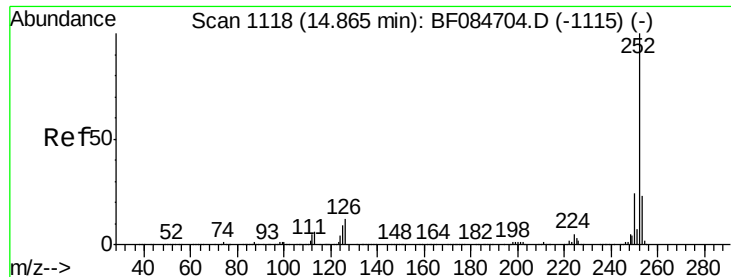


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

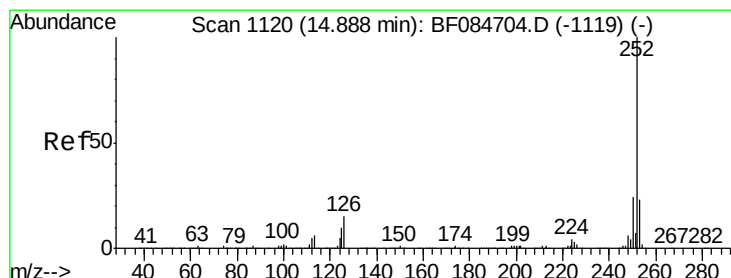
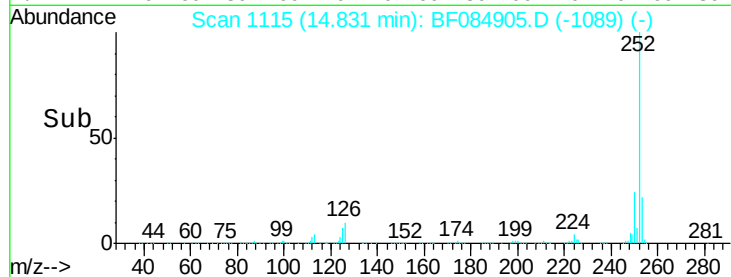
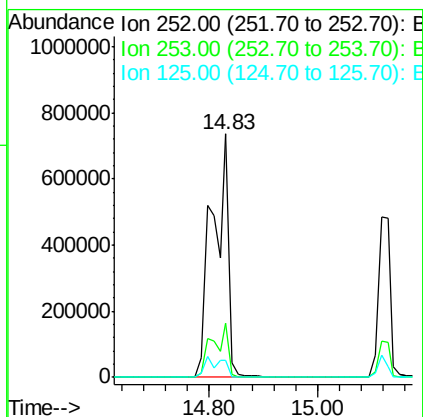
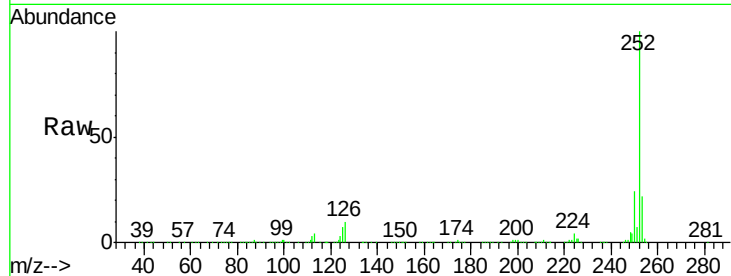




#87
Benzo(b)fluoranthene
Concen: 74.94 ng
RT: 14.83 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BF084905.D
Acq: 6 Feb 2016 12:12

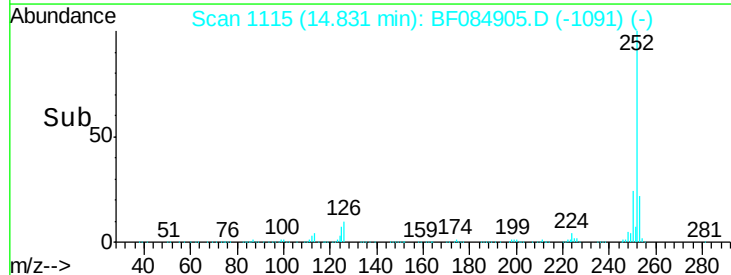
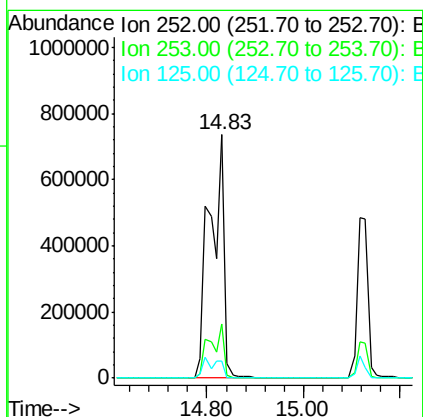
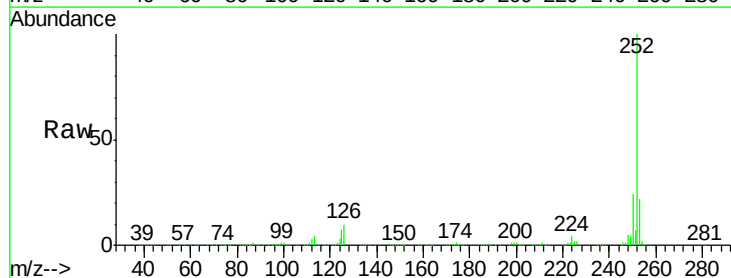
Instrument :
BNA_F
ClientSampleId :
PB88196BS

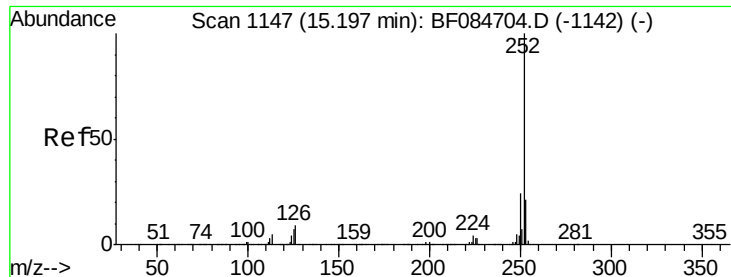
Tgt Ion:252 Resp: 1540188
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 7.0 6.5 9.7



#88
Benzo(k)fluoranthene
Concen: 90.69 ng
RT: 14.83 min Scan# 1115
Delta R.T. -0.02 min
Lab File: BF084905.D
Acq: 6 Feb 2016 12:12

Tgt Ion:252 Resp: 1541239
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 7.0 9.0 13.6#

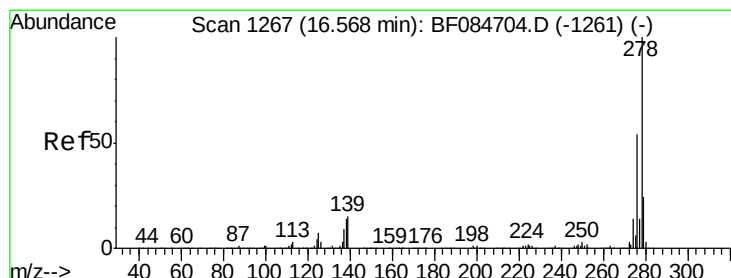
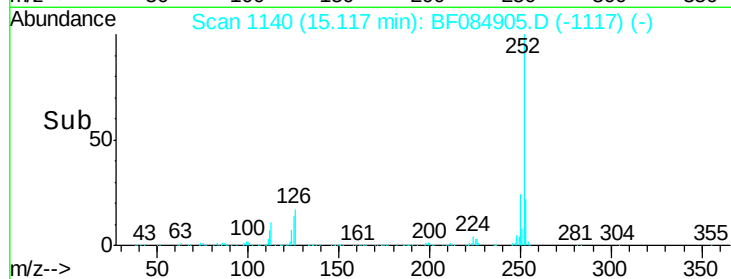
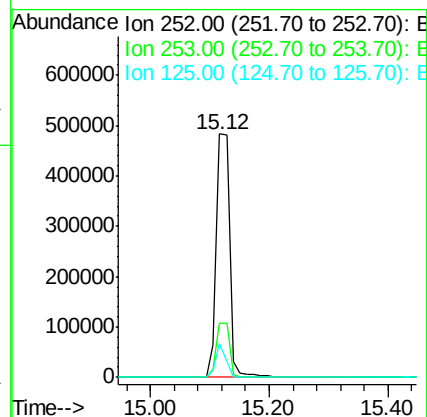
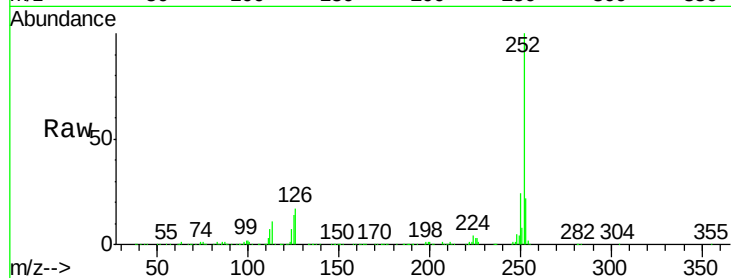




#89
Benzo(a)pyrene
Concen: 42.72 ng
RT: 15.12 min Scan# 1140
Delta R.T. -0.03 min
Lab File: BF084905.D
Acq: 6 Feb 2016 12:12

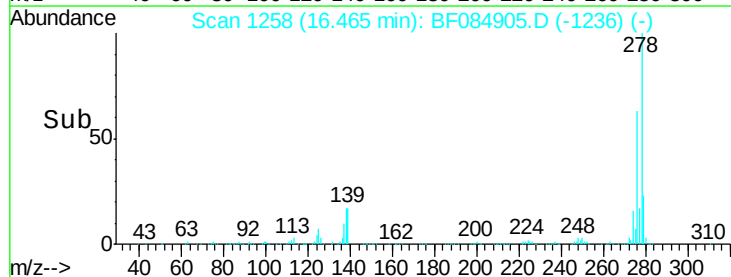
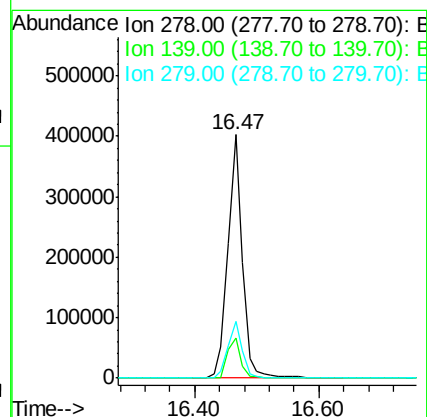
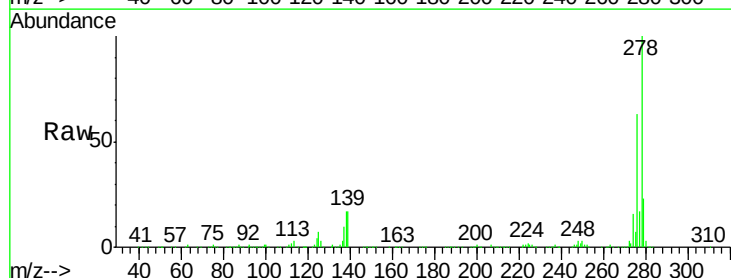
Instrument :
BNA_F
ClientSampleId :
PB88196BS

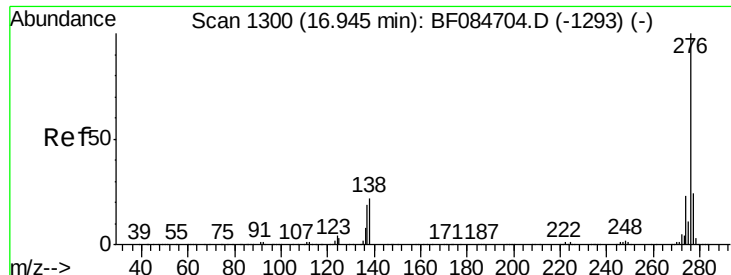
Tgt Ion: 252 Resp: 748086
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 14.0 7.0 10.4#



#90
Dibenzo(a,h)anthracene
Concen: 44.22 ng
RT: 16.47 min Scan# 1258
Delta R.T. -0.05 min
Lab File: BF084905.D
Acq: 6 Feb 2016 12:12

Tgt Ion: 278 Resp: 651876
Ion Ratio Lower Upper
278 100
139 16.5 15.0 22.4
279 23.2 18.9 28.3





#91

Benzo(g,h,i)perylene

Concen: 42.62 ng

RT: 16.83 min Scan# 1290

Delta R.T. -0.06 min

Lab File: BF084905.D

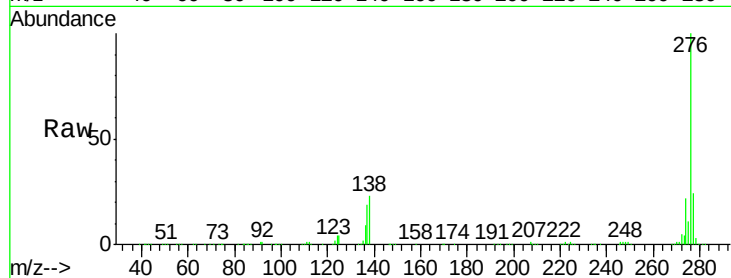
Acq: 6 Feb 2016 12:12

Instrument :

BNA_F

ClientSampleId :

PB88196BS



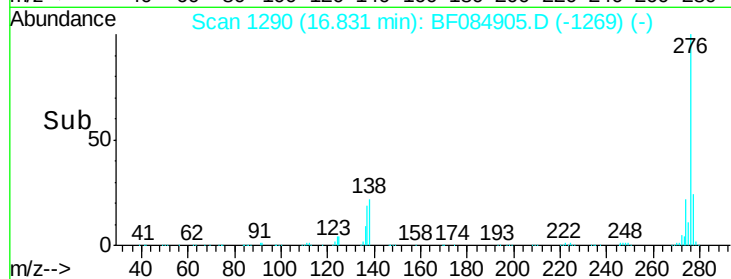
Tgt Ion: 276 Resp: 632915

Ion Ratio Lower Upper

276 100

277 24.2 18.8 28.2

138 22.5 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

