

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
 Data File : BF085220.D
 Acq On : 4 Mar 2016 23:25
 Operator : SJ/IZ
 Sample : H1645-03MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 05 01:29:36 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	166449	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	650544	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	295607	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	546727	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	373680	20.00	ng	-0.01
86) Perylene-d12	15.60	264	269837	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	1166401	117.54	ng	0.01
7) Phenol-d6	6.60	99	1419140	109.16	ng	-0.01
23) Nitrobenzene-d5	7.53	82	1123394	92.41	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	321631	127.16	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	1889776	97.22	ng	-0.01
78) Terphenyl-d14	13.08	244	1391798	86.46	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.87	88	183976	36.25	ng	# 85
3) Pyridine	3.60	79	428551	33.74	ng	95
4) n-Nitrosodimethylamine	3.53	42	213966	39.36	ng	91
6) Aniline	6.63	93	304161	16.69	ng	99
8) 2-Chlorophenol	6.76	128	462497	38.71	ng	95
9) Benzaldehyde	6.52	77	135575	18.89	ng	98
10) Phenol	6.62	94	486216	34.92	ng	86
11) bis(2-Chloroethyl)ether	6.71	93	526767	45.55	ng	98
12) 1,3-Dichlorobenzene	6.92	146	554918	43.27	ng	98
13) 1,4-Dichlorobenzene	6.98	146	541303	42.11	ng	98
14) 1,2-Dichlorobenzene	7.14	146	524833	45.00	ng	100
15) Benzyl Alcohol	7.11	79	439304	46.03	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.25	45	661302	39.67	ng	99
17) 2-Methylphenol	7.22	107	416557	42.73	ng	99
18) Hexachloroethane	7.49	117	206700	43.59	ng	98
19) n-Nitroso-di-n-propylamine	7.38	70	351520	41.48	ng	# 89
20) 3+4-Methylphenols	7.37	107	455870	39.48	ng	93
22) Acetophenone	7.38	105	687853	43.32	ng	# 97
24) Nitrobenzene	7.56	77	591120	47.86	ng	97
25) Isophorone	7.80	82	1012795	44.95	ng	99
26) 2-Nitrophenol	7.88	139	269192	44.79	ng	97
27) 2,4-Dimethylphenol	7.91	122	490760	44.68	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	592694	47.24	ng	99
29) 2,4-Dichlorophenol	8.12	162	394988	44.59	ng	98
30) 1,2,4-Trichlorobenzene	8.20	180	443404	46.30	ng	99
31) Naphthalene	8.28	128	1529621	47.82	ng	100
32) Benzoic acid	7.99	122	105183	14.42	ng	97
33) 4-Chloroaniline	8.32	127	185825	14.36	ng	94
34) Hexachlorobutadiene	8.40	225	235275	47.22	ng	99
35) Caprolactam	8.70	113	115847	40.05	ng	92
36) 4-Chloro-3-methylphenol	8.80	107	413395	41.14	ng	98
37) 2-Methylnaphthalene	8.97	142	1049334	51.12	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	377173	44.61	ng	98
40) Hexachlorocyclopentadiene	9.12	237	378344	82.98	ng	99

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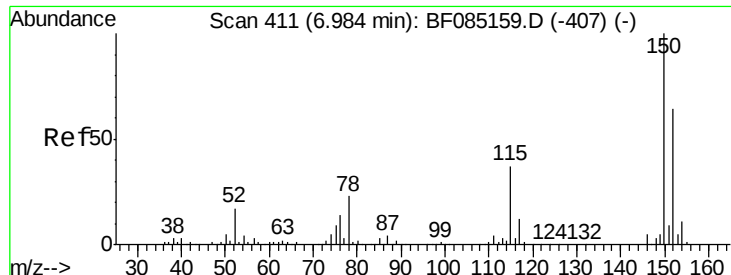
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.25	196	287976	45.76	ng	97
43) 2,4,5-Trichlorophenol	9.29	196	275102	46.11	ng #	93
45) 1,1'-Biphenyl	9.43	154	1126455	44.60	ng	99
46) 2-Chloronaphthalene	9.46	162	911004	47.32	ng	99
47) 2-Nitroaniline	9.56	65	296681	49.73	ng #	74
48) Acenaphthylene	9.88	152	1312906	43.82	ng	99
49) Dimethylphthalate	9.74	163	1182551	52.12	ng	100
50) 2,6-Dinitrotoluene	9.80	165	221402	45.61	ng	96
51) Acenaphthene	10.05	154	776110	42.66	ng	99
52) 3-Nitroaniline	9.97	138	165998	28.58	ng	87
53) 2,4-Dinitrophenol	10.07	184	38805	22.20	ng #	34
54) Dibenzofuran	10.22	168	1133330	47.55	ng	99
55) 4-Nitrophenol	10.12	139	279962	61.35	ng #	75
56) 2,4-Dinitrotoluene	10.20	165	272110	43.80	ng	94
57) Fluorene	10.56	166	851319	45.47	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	193650	46.20	ng	99
59) Diethylphthalate	10.44	149	1019894	46.32	ng	98
60) 4-Chlorophenyl-phenylether	10.55	204	397841	43.68	ng	95
61) 4-Nitroaniline	10.57	138	216815	39.92	ng	99
62) Azobenzene	10.71	77	1021275	47.08	ng	98
64) 4,6-Dinitro-2-methylphenol	10.61	198	51345	15.68	ng	89
65) n-Nitrosodiphenylamine	10.68	169	831914	48.92	ng	98
66) 4-Bromophenyl-phenylether	11.04	248	247272	46.58	ng	94
67) Hexachlorobenzene	11.11	284	258707	45.68	ng #	87
68) Atrazine	11.20	200	285477	60.36	ng	94
69) Pentachlorophenol	11.30	266	193860	61.67	ng	98
70) Phenanthrene	11.52	178	1241697	43.34	ng	99
71) Anthracene	11.58	178	1418752	46.64	ng	99
72) Carbazole	11.73	167	1144485	42.91	ng	99
73) Di-n-butylphthalate	12.06	149	1565861	46.44	ng	99
74) Fluoranthene	12.71	202	1263647	43.95	ng	98
76) Benzidine	12.83	184	298146	26.81	ng	98
77) Pyrene	12.94	202	1244722	44.26	ng	100
79) Butylbenzylphthalate	13.56	149	640183	50.16	ng #	76
80) Benzo(a)anthracene	14.13	228	999885	44.70	ng	99
81) 3,3'-Dichlorobenzidine	14.08	252	159763	22.64	ng	98
82) Chrysene	14.16	228	907462	43.91	ng	100
83) Bis(2-ethylhexyl)phthalate	14.11	149	786439	46.83	ng #	97
84) Di-n-octyl phthalate	14.72	149	1191154	46.57	ng	98
85) Indeno(1,2,3-cd)pyrene	17.08	276	772631	47.91	ng	99
87) Benzo(b)fluoranthene	15.18	252	866273	48.16	ng #	95
88) Benzo(k)fluoranthene	15.18	252	866273	59.71	ng #	97
89) Benzo(a)pyrene	15.55	252	723752	48.56	ng	99
90) Dibenzo(a,h)anthracene	17.10	278	647486	50.89	ng	97
91) Benzo(g,h,i)perylene	17.52	276	659283	51.54	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

Instrument :

BNA_F

ClientSampleId :

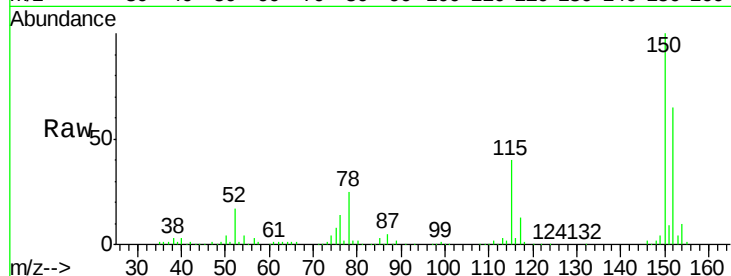
Tgt Ion:152 Resp: 166449

Ion Ratio Lower Upper

152 100

150 154.7 124.6 186.8

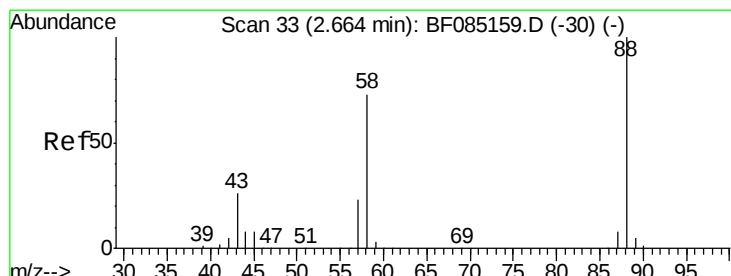
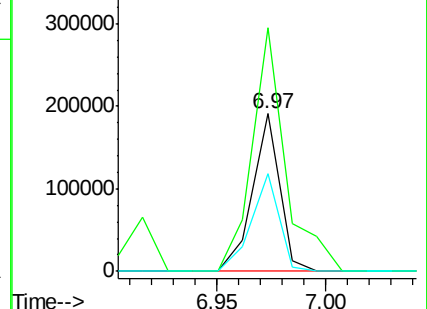
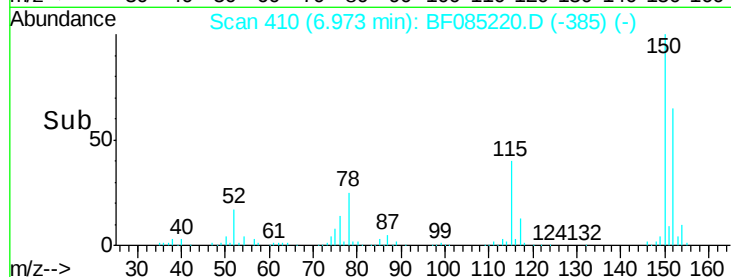
115 62.4 46.6 70.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 36.25 ng

RT: 2.87 min Scan# 51

Delta R.T. 0.21 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

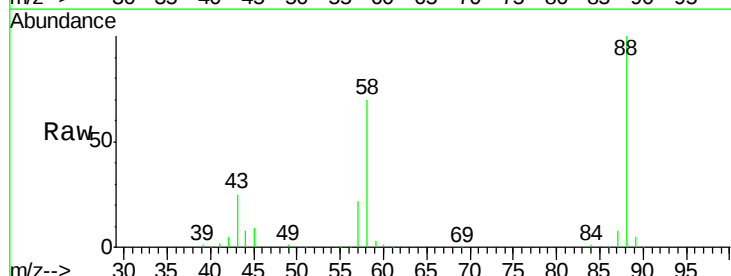
Tgt Ion: 88 Resp: 183976

Ion Ratio Lower Upper

88 100

58 69.3 57.0 85.6

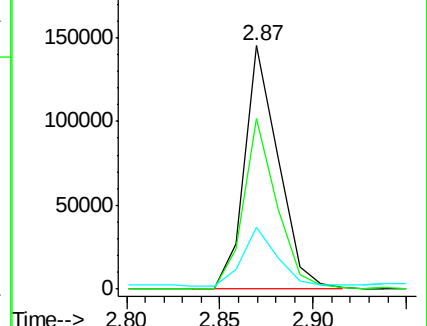
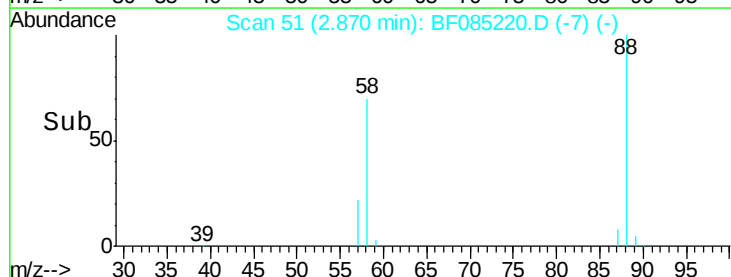
43 0.0 20.5 30.7#

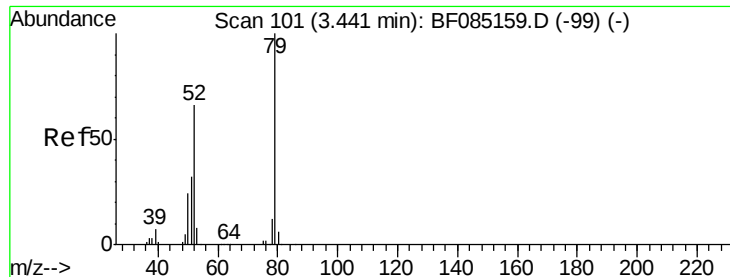


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 33.74 ng

RT: 3.60 min Scan# 115

Delta R.T. 0.16 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

Instrument :

BNA_F

ClientSampled :

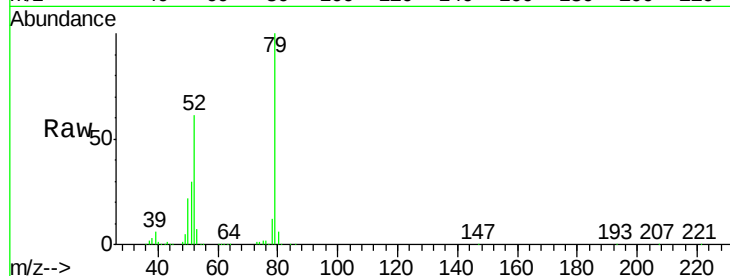
Tgt Ion: 79 Resp: 428551

Ion Ratio Lower Upper

79 100

52 61.3 52.6 79.0

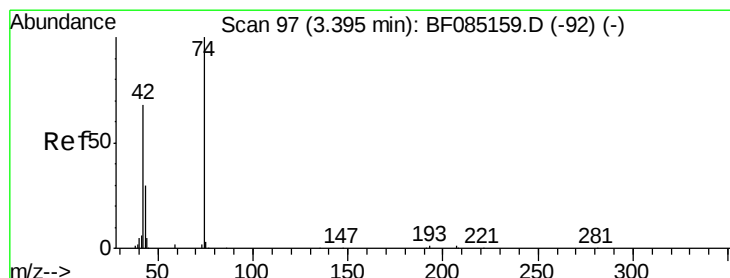
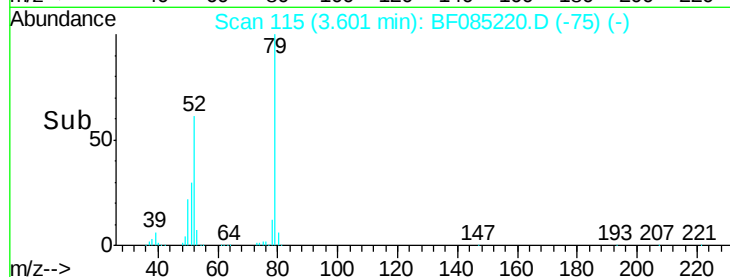
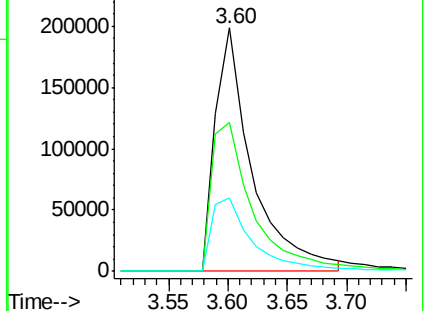
51 30.0 25.8 38.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 39.36 ng

RT: 3.53 min Scan# 109

Delta R.T. 0.14 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

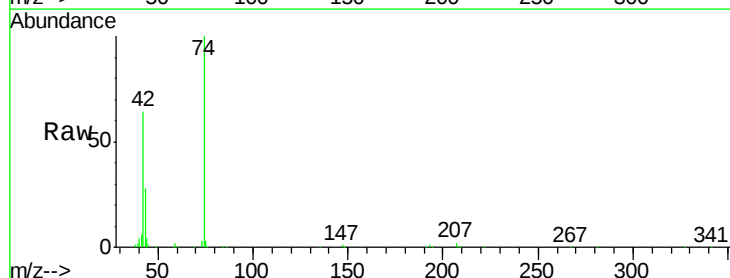
Tgt Ion: 42 Resp: 213966

Ion Ratio Lower Upper

42 100

74 157.3 116.8 175.2

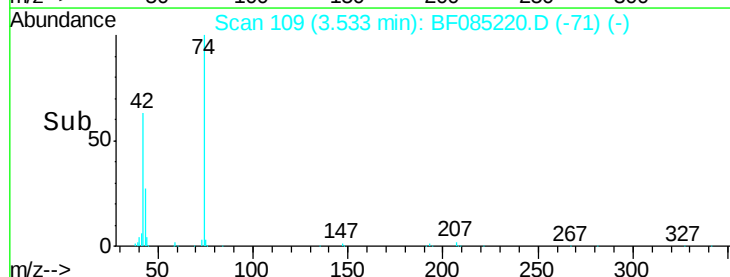
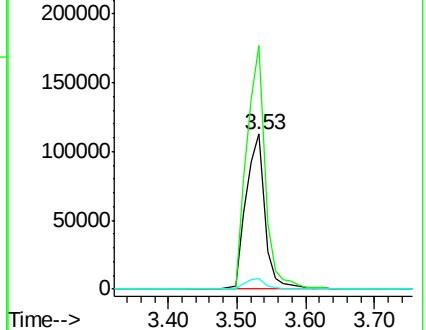
44 7.0 5.5 8.3

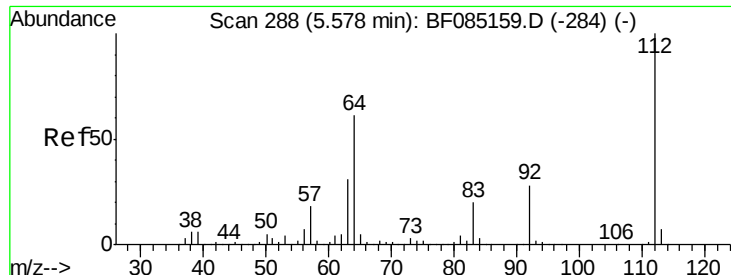


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 117.54 ng

RT: 5.59 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

Instrument :

BNA_F

ClientSampleId :

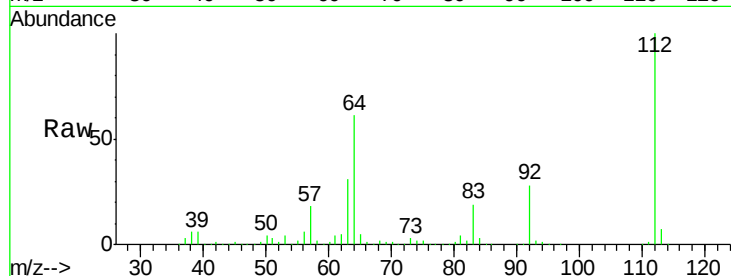
Tgt Ion: 112 Resp: 1166401

Ion Ratio Lower Upper

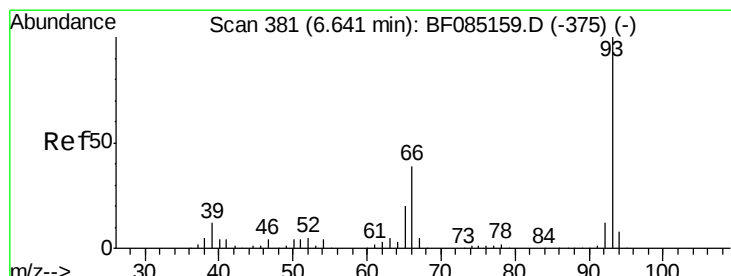
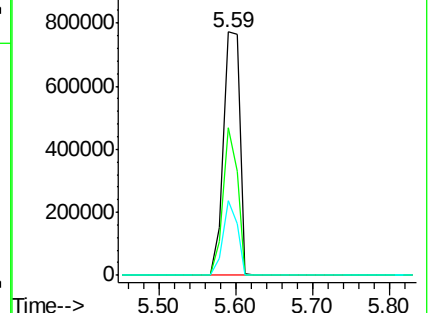
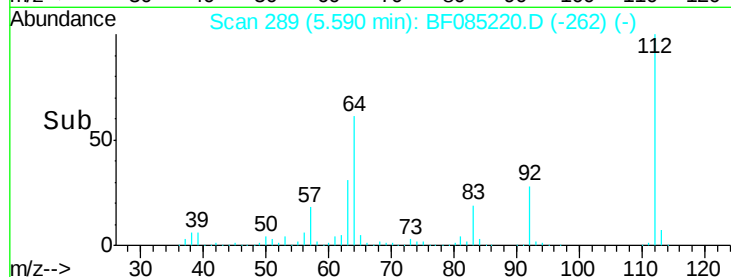
112 100

64 60.6 49.0 73.4

63 30.5 24.8 37.2



Abundance Ion 112.00 (111.70 to 112.70): BF085220.D (-262) (-)



#6

Aniline

Concen: 16.69 ng

RT: 6.63 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

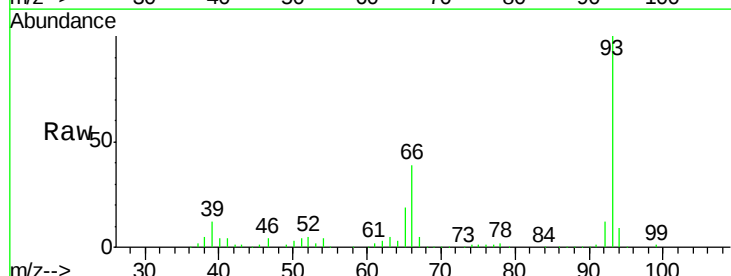
Tgt Ion: 93 Resp: 304161

Ion Ratio Lower Upper

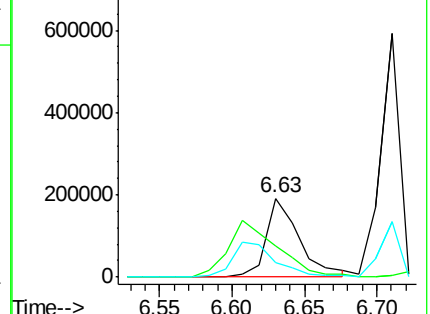
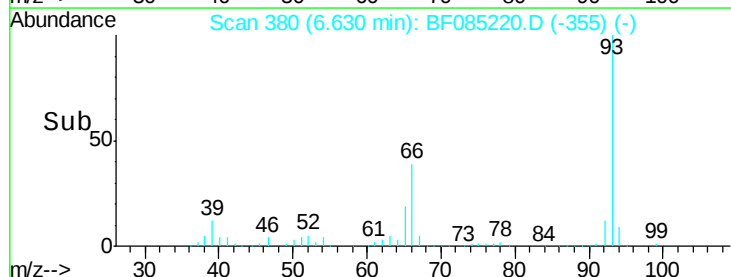
93 100

66 39.5 31.6 47.4

65 19.0 15.8 23.8



Abundance Ion 93.00 (92.70 to 93.70): BF085220.D (-355) (-)





#7

Phenol-d6

Concen: 109.16 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

Instrument :

BNA_F

ClientSampleId :

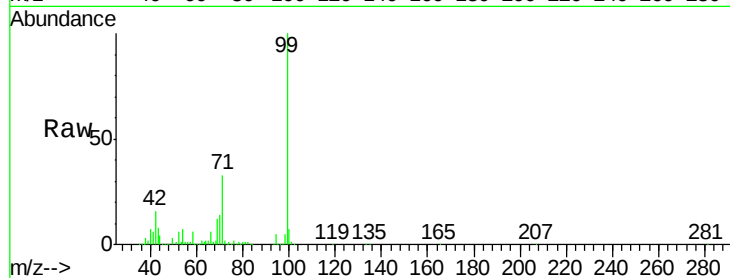
Tgt Ion: 99 Resp: 1419140

Ion Ratio Lower Upper

99 100

42 16.3 13.6 20.4

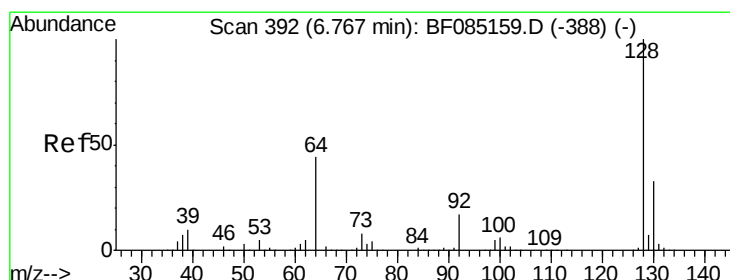
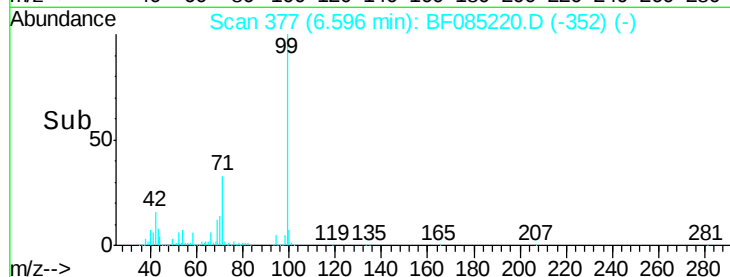
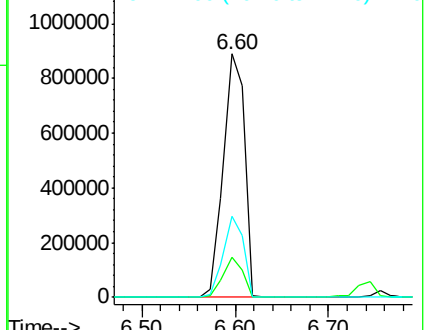
71 33.4 26.7 40.1



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.71 ng

RT: 6.76 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

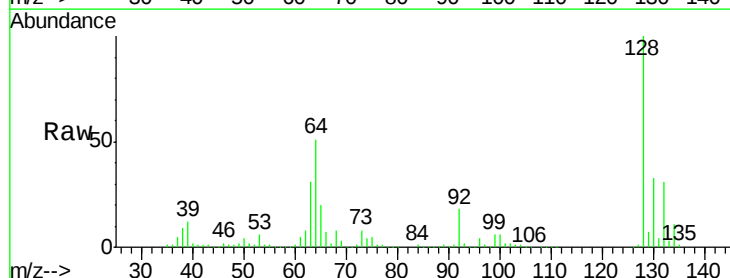
Tgt Ion: 128 Resp: 462497

Ion Ratio Lower Upper

128 100

130 32.7 13.3 53.3

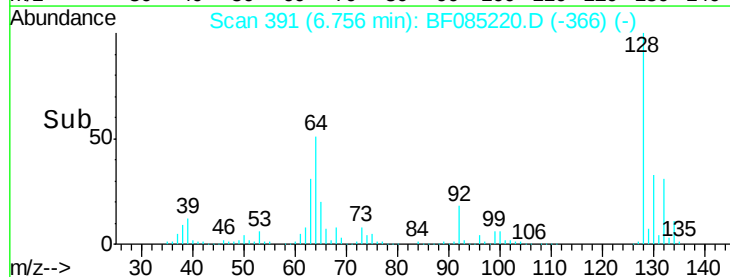
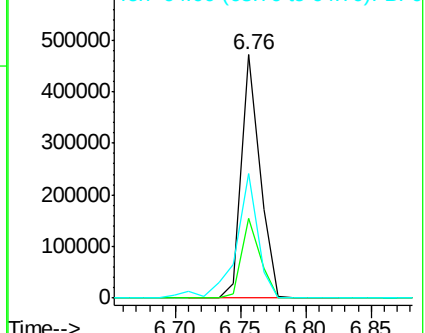
64 51.2 25.7 65.7

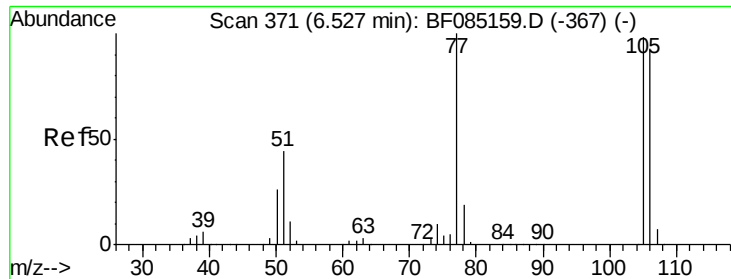


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 18.89 ng

RT: 6.52 min Scan# 370

Delta R.T. -0.01 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

Instrument :

BNA_F

ClientSampleId :

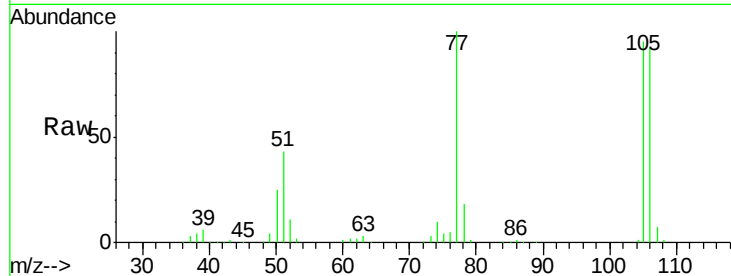
Tgt Ion: 77 Resp: 135575

Ion Ratio Lower Upper

77 100

105 95.0 78.2 118.2

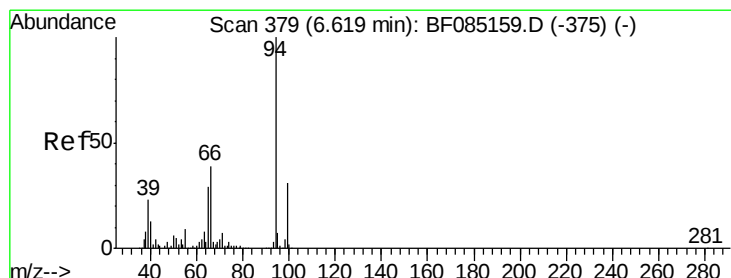
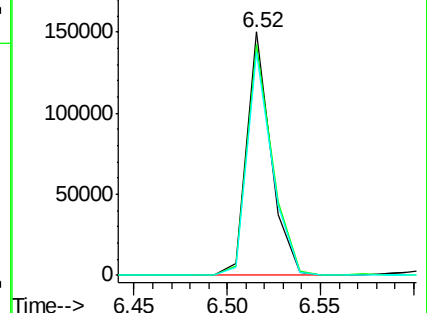
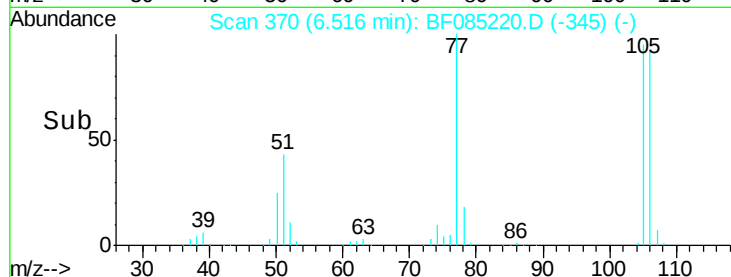
106 91.8 72.9 112.9



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 34.92 ng

RT: 6.62 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

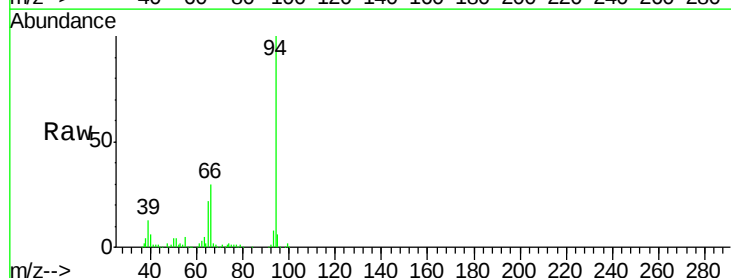
Tgt Ion: 94 Resp: 486216

Ion Ratio Lower Upper

94 100

65 22.0 9.1 49.1

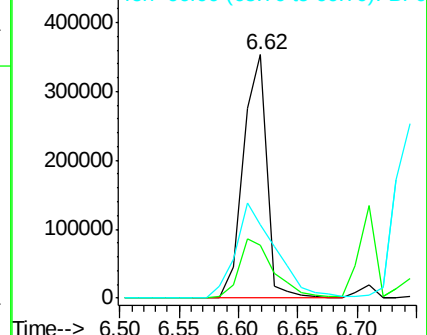
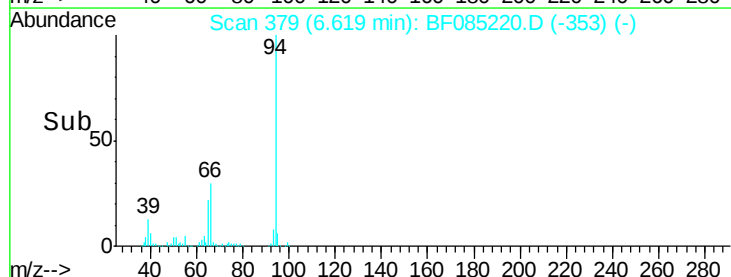
66 30.2 19.3 59.3

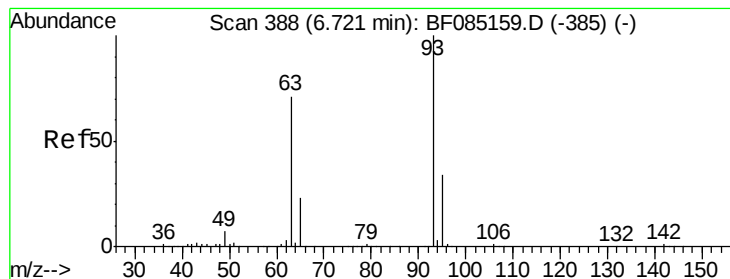


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 45.55 ng

RT: 6.71 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

Instrument :

BNA_F

ClientSampleId :

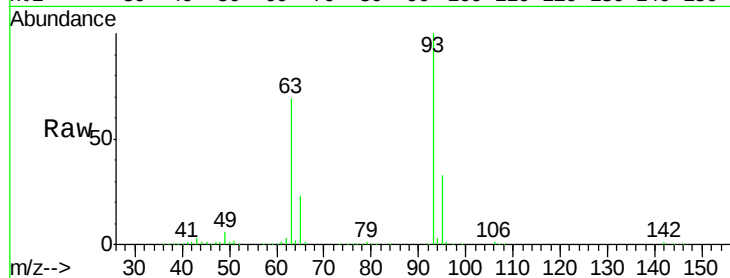
Tgt Ion: 93 Resp: 526767

Ion Ratio Lower Upper

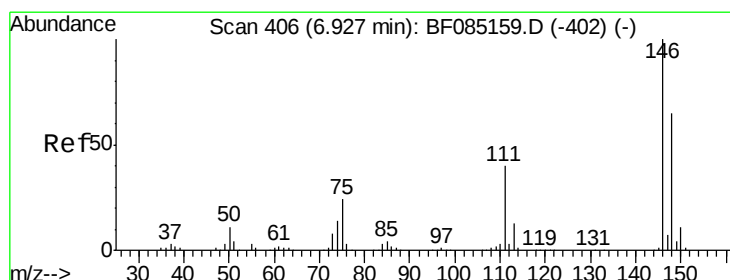
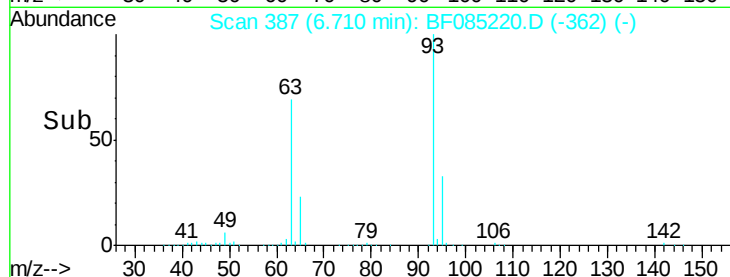
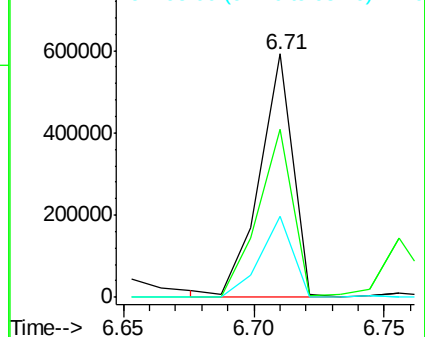
93 100

63 69.3 50.9 90.9

95 33.2 13.7 53.7



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 43.27 ng

RT: 6.92 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

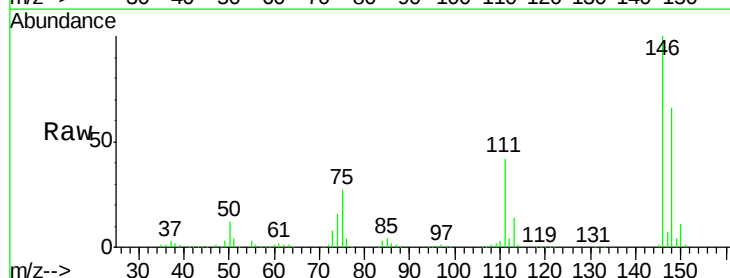
Tgt Ion: 146 Resp: 554918

Ion Ratio Lower Upper

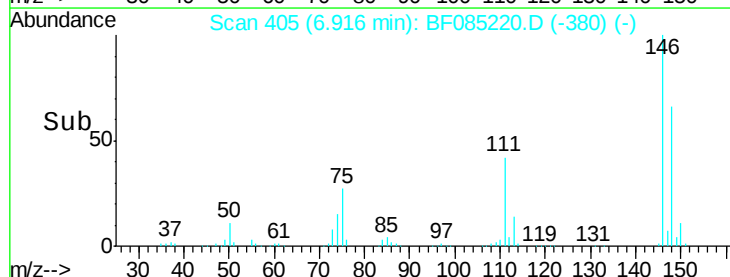
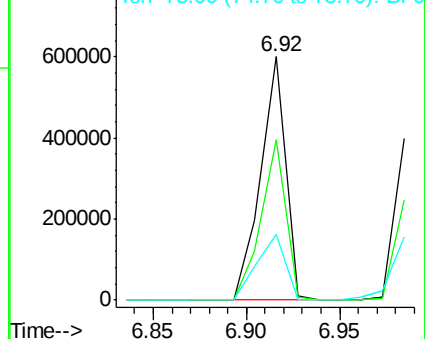
146 100

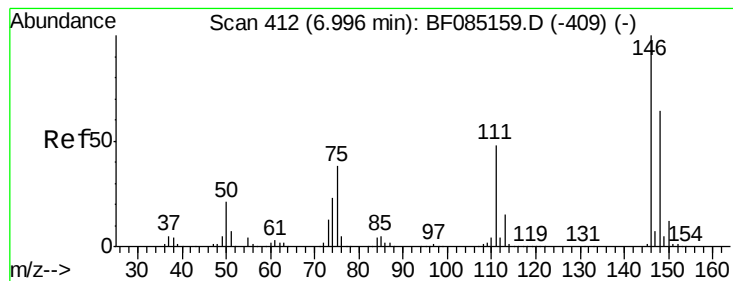
148 66.0 52.1 78.1

75 27.1 19.5 29.3



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 42.11 ng

RT: 6.98 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

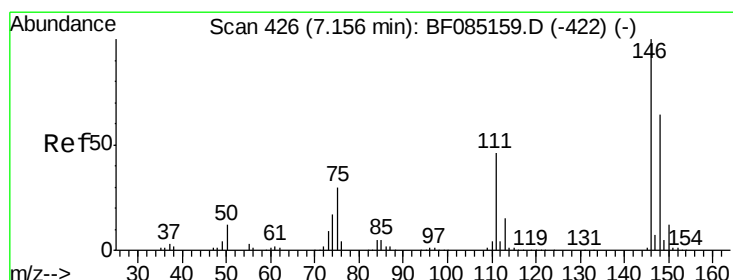
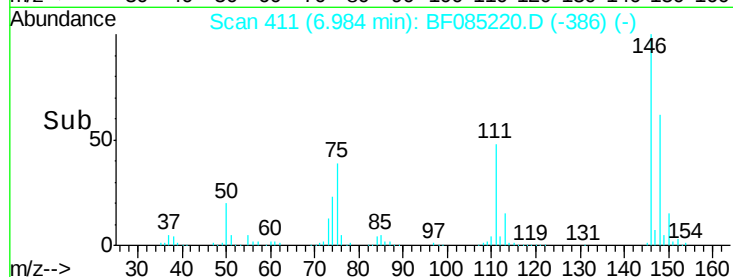
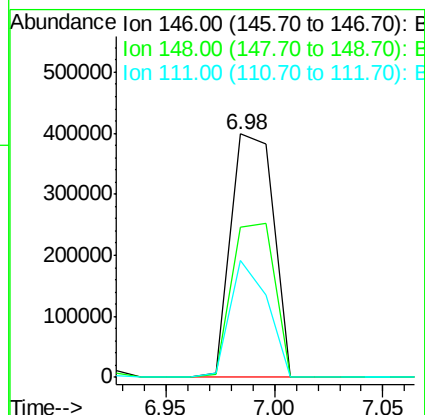
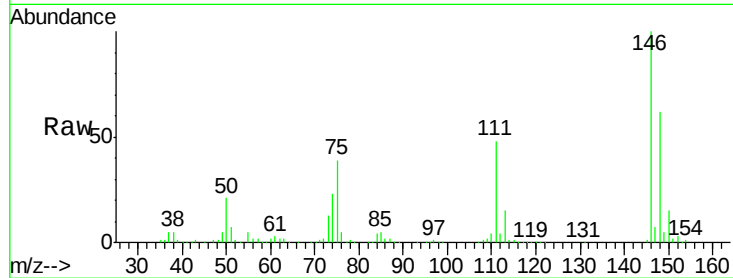
Instrument :

BNA_F

ClientSampleId :

Tgt Ion:146 Resp: 541303

Ion	Ratio	Lower	Upper
146	100		
148	61.7	51.3	76.9
111	48.0	38.4	57.6



#14

1,2-Dichlorobenzene

Concen: 45.00 ng

RT: 7.14 min Scan# 425

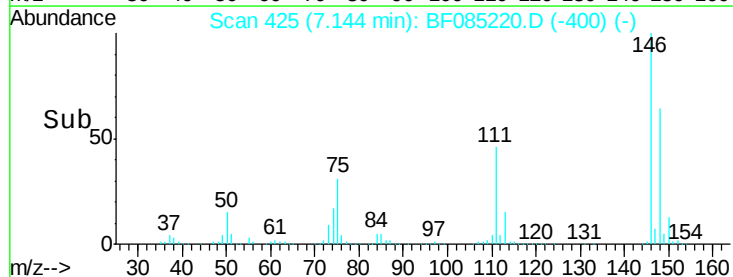
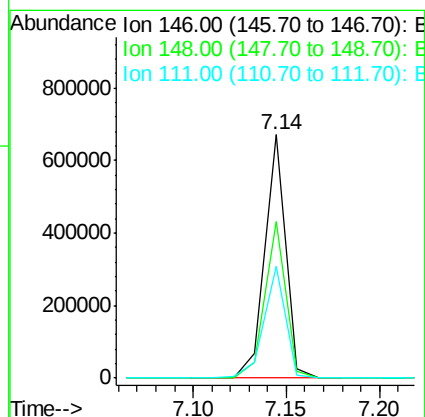
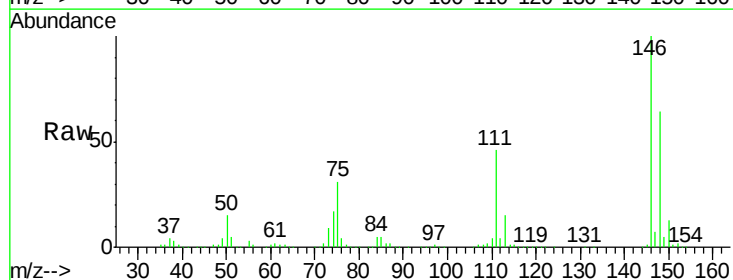
Delta R.T. -0.01 min

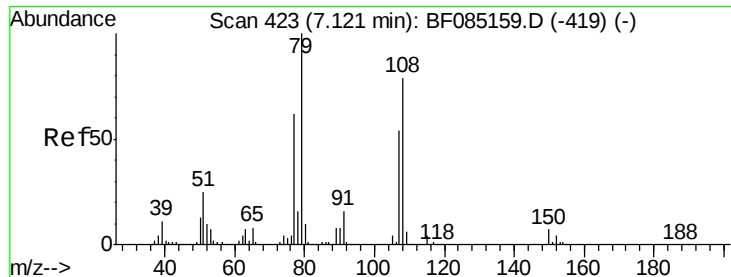
Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

Tgt Ion:146 Resp: 524833

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.2
111	45.8	36.7	55.1





#15

Benzyl Alcohol

Concen: 46.03 ng

RT: 7.11 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

Instrument :

BNA_F

ClientSampleId :

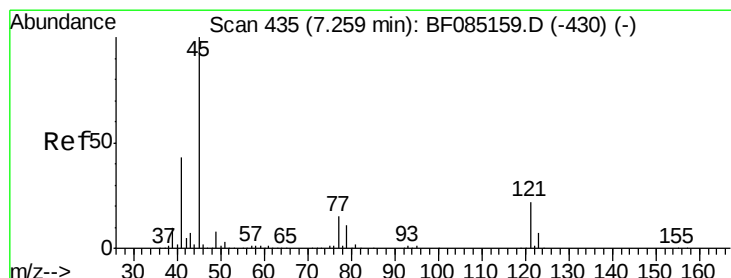
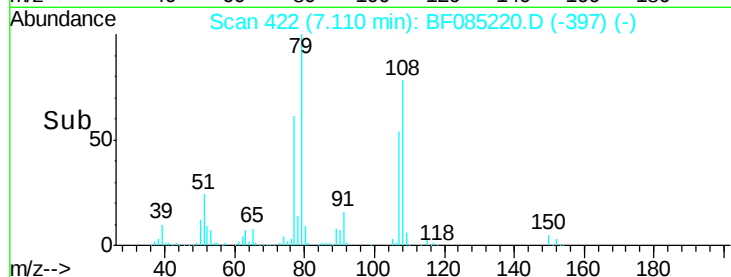
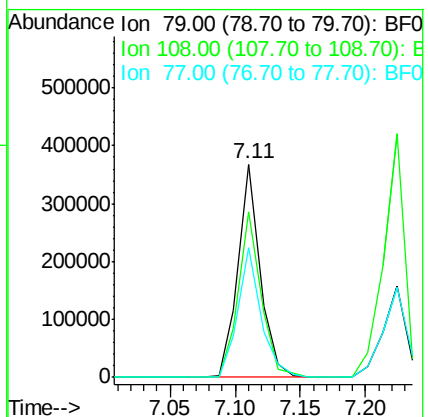
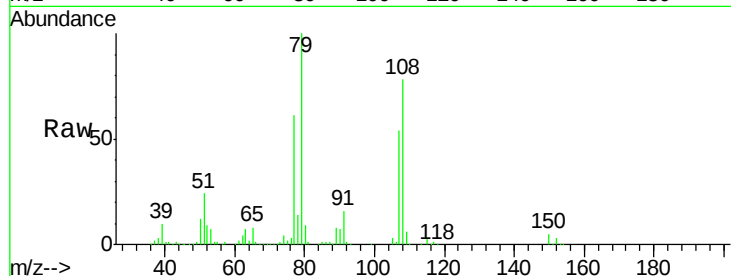
Tgt Ion: 79 Resp: 439304

Ion Ratio Lower Upper

79 100

108 77.5 62.9 94.3

77 61.0 49.5 74.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.67 ng

RT: 7.25 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

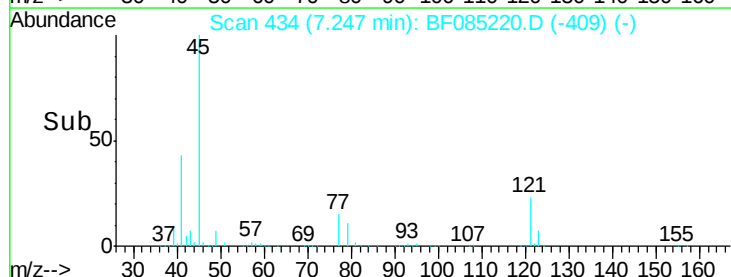
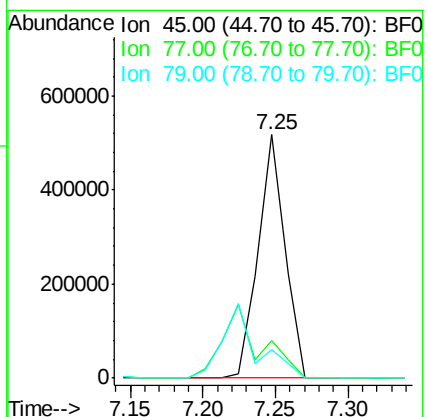
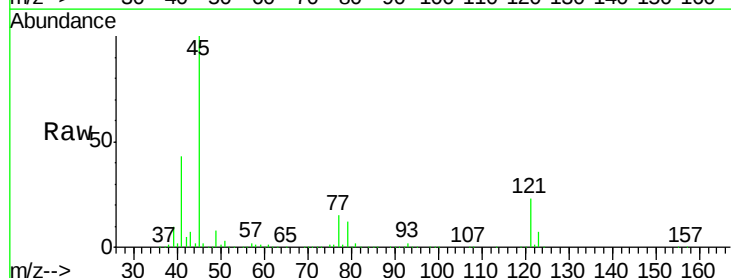
Tgt Ion: 45 Resp: 661302

Ion Ratio Lower Upper

45 100

77 15.3 0.0 35.1

79 11.7 0.0 31.3

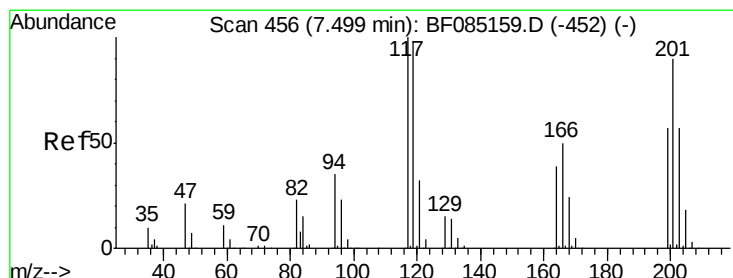
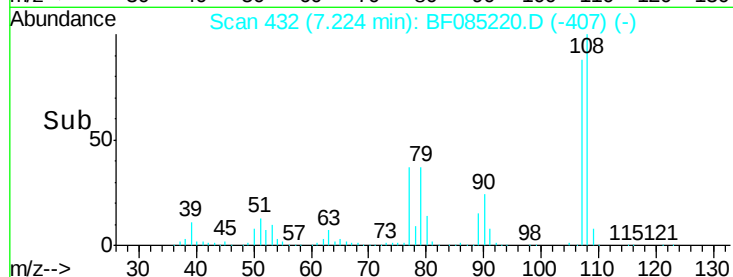
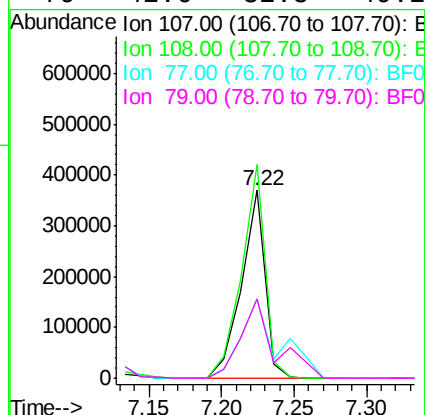
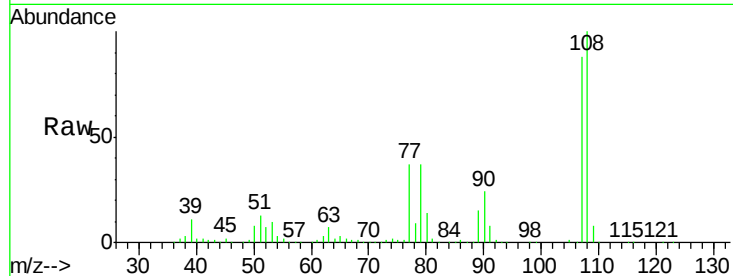




#17
 2-Methylphenol
 Concen: 42.73 ng
 RT: 7.22 min Scan# 432
 Delta R.T. -0.01 min
 Lab File: BF085220.D
 Acq: 4 Mar 2016 23:25

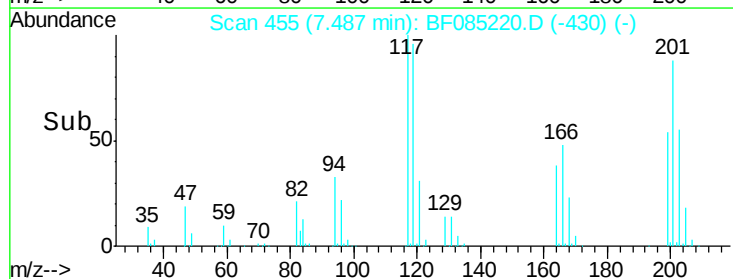
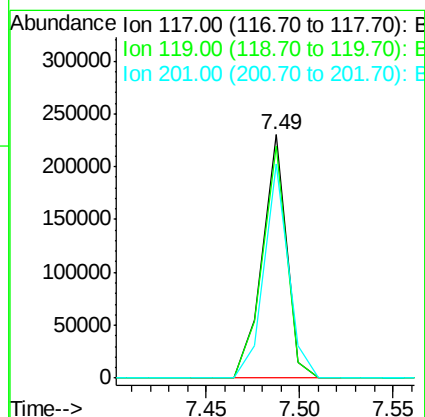
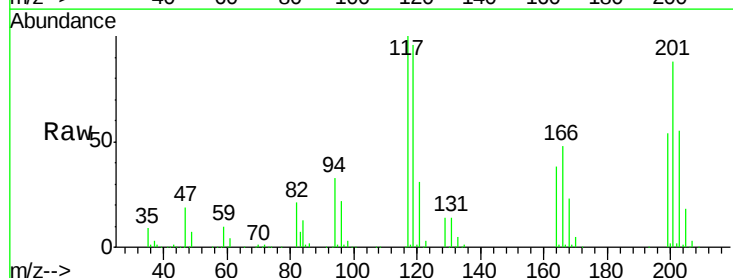
Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:	107	Resp:	416557
Ion	Ratio	Lower	Upper
107	100		
108	113.8	90.9	136.3
77	42.3	32.6	48.8
79	42.6	32.8	49.2



#18
 Hexachloroethane
 Concen: 43.59 ng
 RT: 7.49 min Scan# 455
 Delta R.T. -0.01 min
 Lab File: BF085220.D
 Acq: 4 Mar 2016 23:25

Tgt Ion:	117	Resp:	206700
Ion	Ratio	Lower	Upper
117	100		
119	95.5	78.2	117.4
201	88.2	72.0	108.0

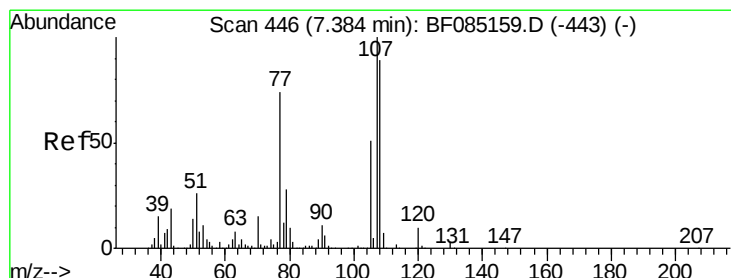
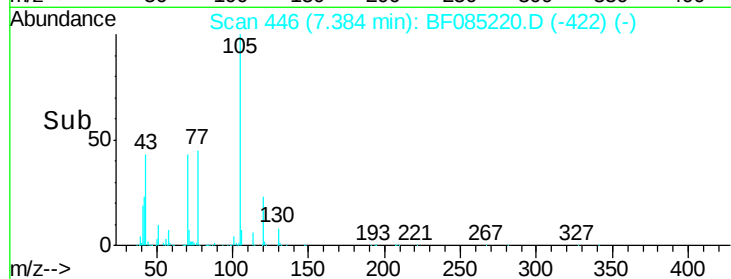
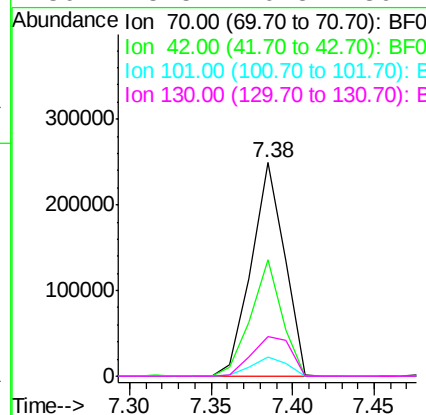
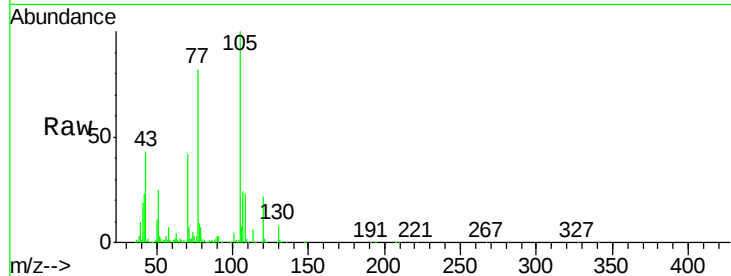




#19
n-Nitroso-di-n-propylamine
Concen: 41.48 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF085220.D
Acq: 4 Mar 2016 23:25

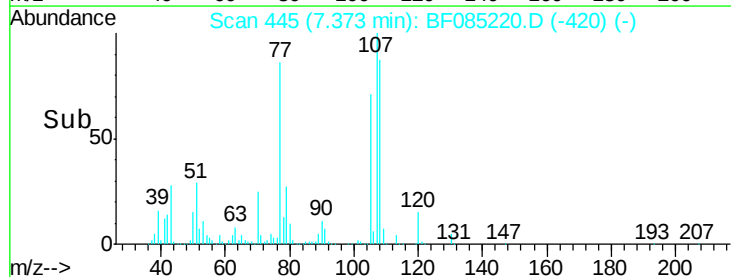
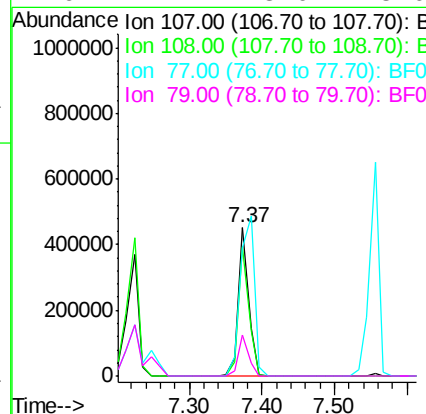
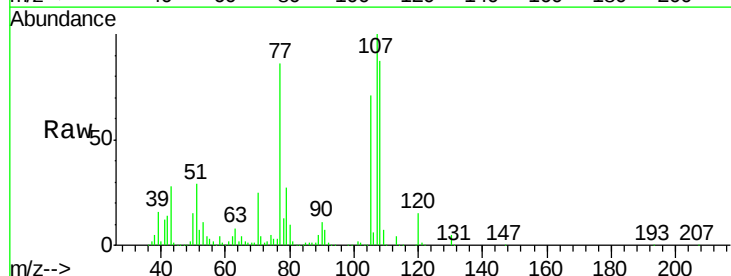
Instrument :
BNA_F
ClientSampleId :

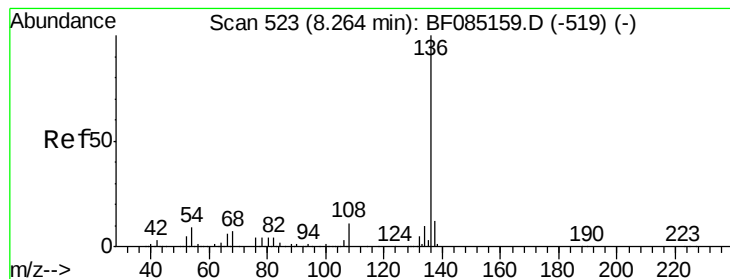
Tgt Ion: 70 Resp: 351520
Ion Ratio Lower Upper
70 100
42 54.8 37.7 56.5
101 8.8 8.2 12.4
130 18.5 20.5 30.7#



#20
3+4-Methylphenols
Concen: 39.48 ng
RT: 7.37 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF085220.D
Acq: 4 Mar 2016 23:25

Tgt Ion: 107 Resp: 455870
Ion Ratio Lower Upper
107 100
108 87.0 68.8 108.8
77 86.5 53.6 93.6
79 27.4 8.0 48.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.25 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:136 Resp: 650544

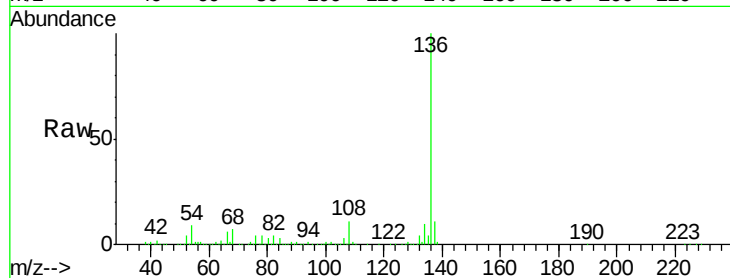
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 8.8 7.4 11.2

68 7.3 6.0 9.0

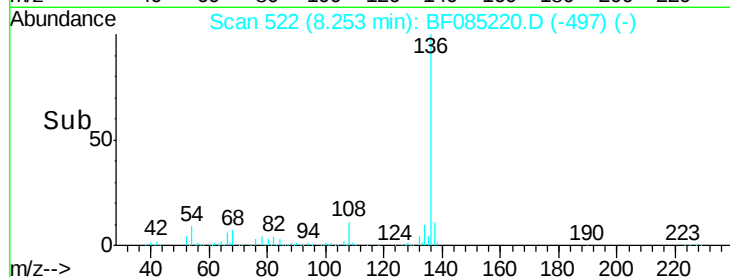


Abundance Ion 136.00 (135.70 to 136.70): E

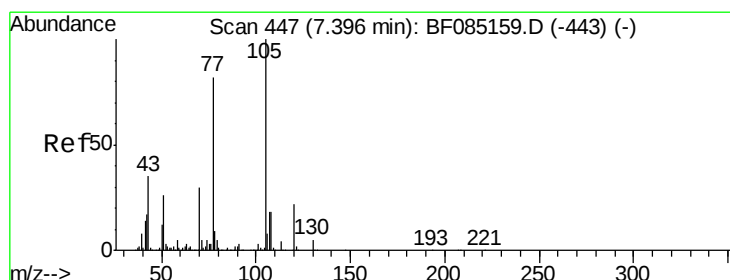
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 43.32 ng

RT: 7.38 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

Tgt Ion:105 Resp: 687853

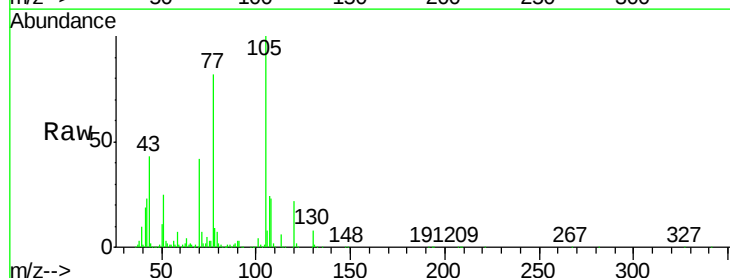
Ion Ratio Lower Upper

105 100

71 7.1 4.1 6.1#

51 24.7 21.1 31.7

120 22.0 17.3 25.9

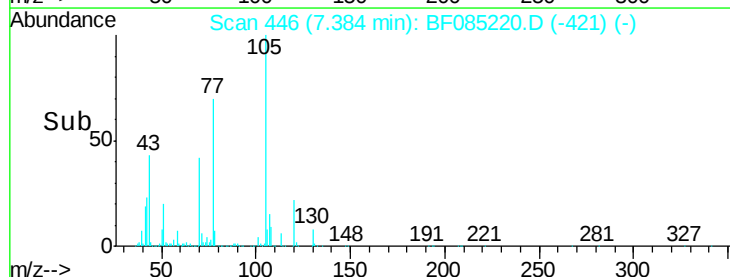


Abundance Ion 105.00 (104.70 to 105.70): E

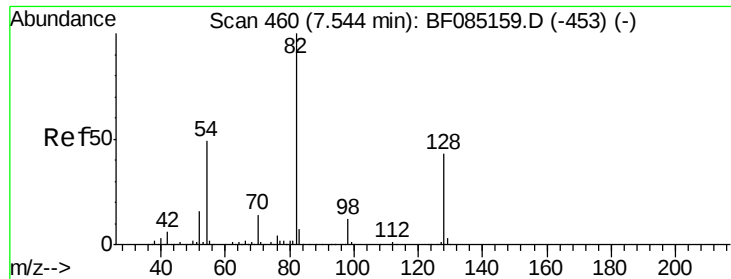
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



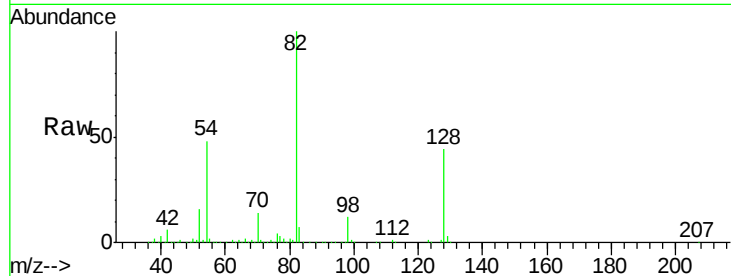
Time-->



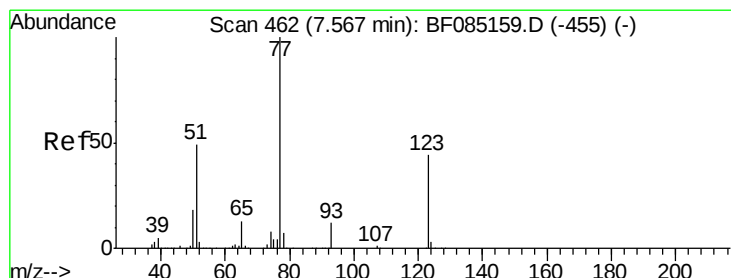
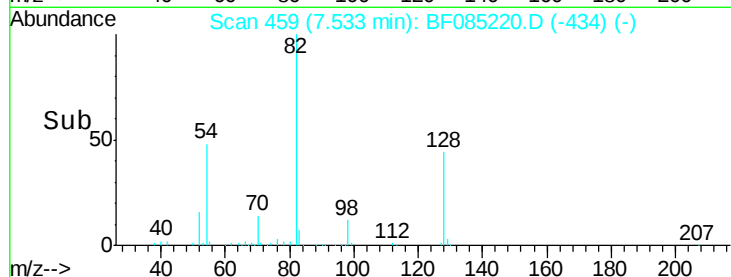
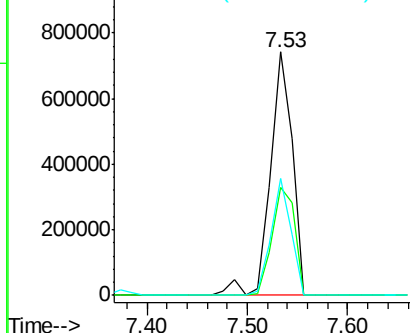
#23
 Nitrobenzene-d5
 Concen: 92.41 ng
 RT: 7.53 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF085220.D
 Acq: 4 Mar 2016 23:25

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion: 82 Resp: 1123394
 Ion Ratio Lower Upper
 82 100
 128 44.1 34.5 51.7
 54 48.0 39.3 58.9

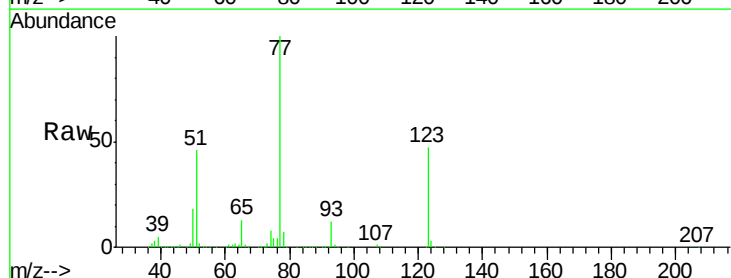


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

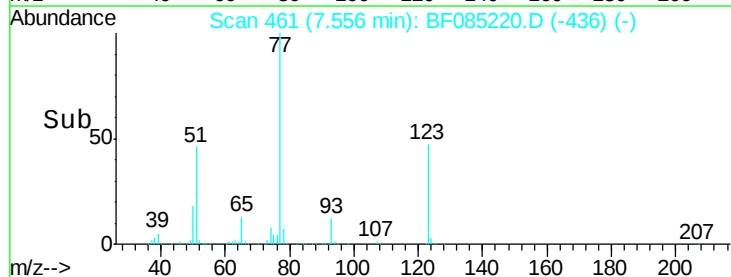
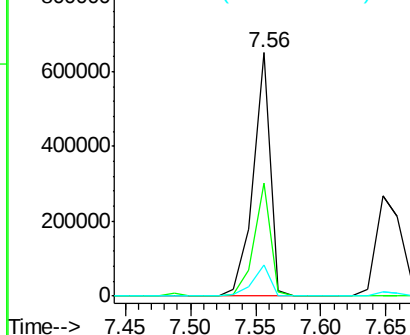


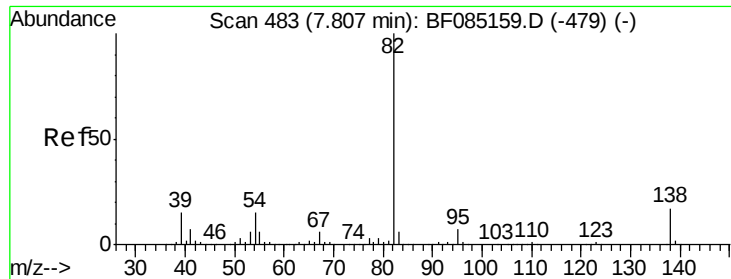
#24
 Nitrobenzene
 Concen: 47.86 ng
 RT: 7.56 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF085220.D
 Acq: 4 Mar 2016 23:25

Tgt Ion: 77 Resp: 591120
 Ion Ratio Lower Upper
 77 100
 123 46.7 35.4 53.2
 65 12.9 10.6 16.0



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





#25

Isophorone

Concen: 44.95 ng

RT: 7.80 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

Instrument :

BNA_F

ClientSampleId :

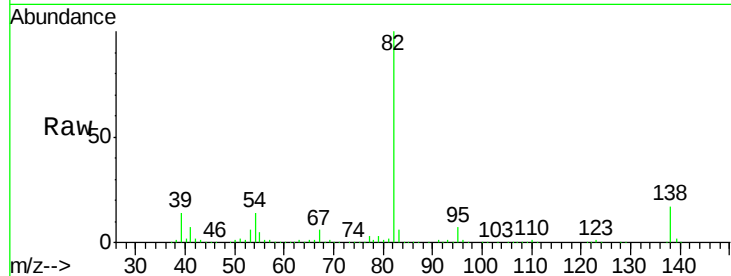
Tgt Ion: 82 Resp: 1012795

Ion Ratio Lower Upper

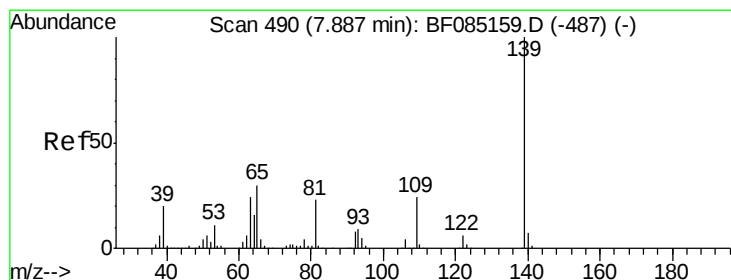
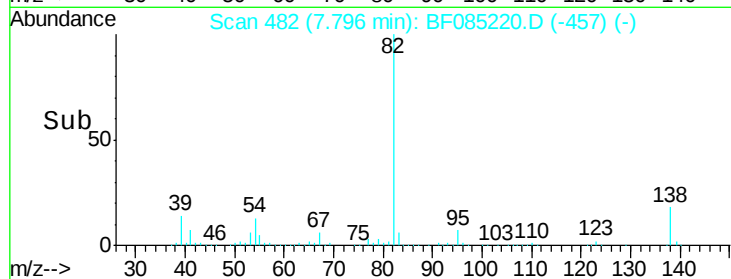
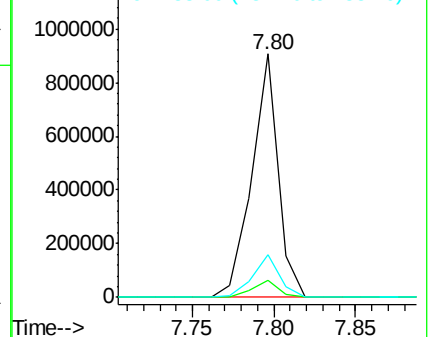
82 100

95 7.0 5.4 8.2

138 17.3 13.3 19.9



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: 44.79 ng

RT: 7.88 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

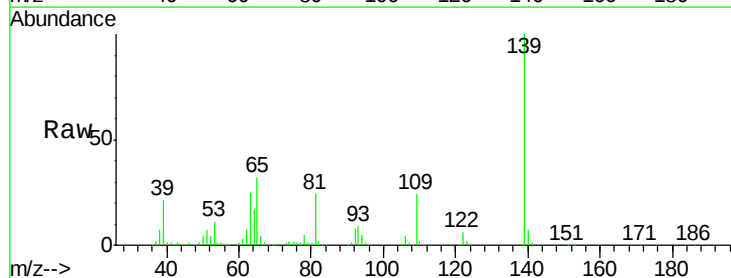
Tgt Ion: 139 Resp: 269192

Ion Ratio Lower Upper

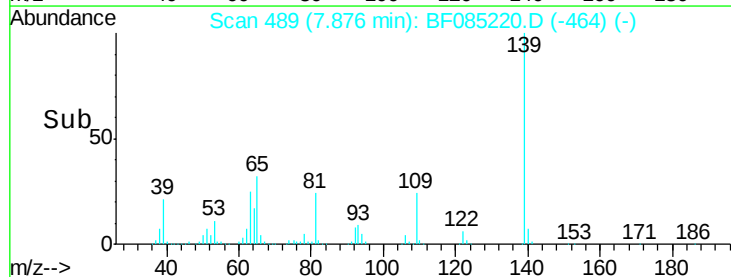
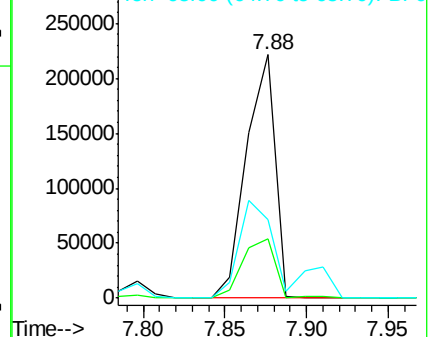
139 100

109 24.4 19.1 28.7

65 32.4 23.9 35.9



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: 44.68 ng

RT: 7.91 min Scan# 492

Delta R.T. -0.01 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

Instrument :

BNA_F

ClientSampleId :

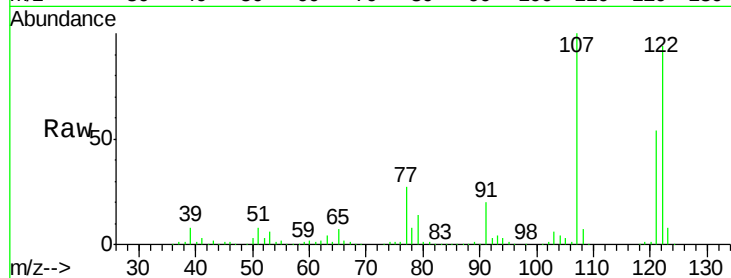
Tgt Ion:122 Resp: 490760

Ion Ratio Lower Upper

122 100

107 106.9 84.8 127.2

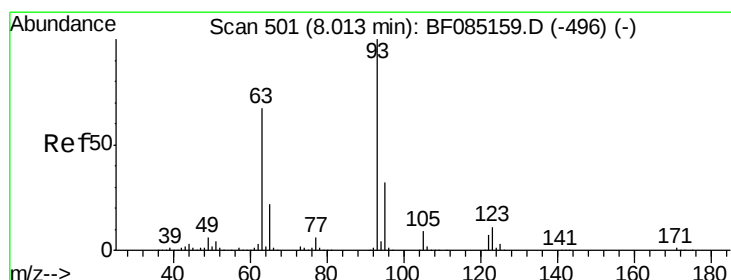
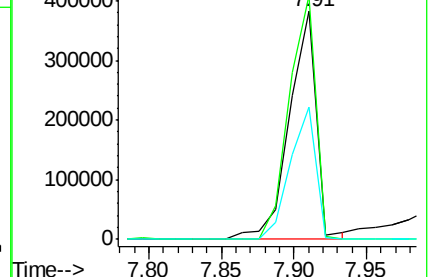
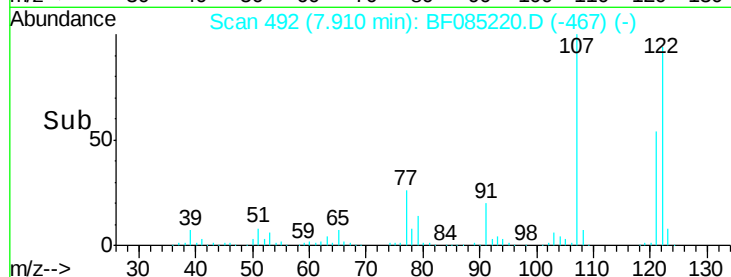
121 58.0 47.0 70.6



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: 47.24 ng

RT: 8.00 min Scan# 500

Delta R.T. -0.01 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

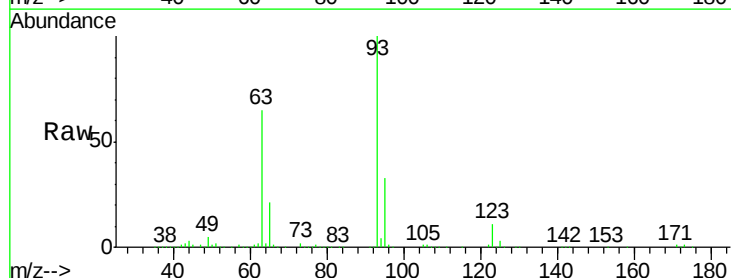
Tgt Ion: 93 Resp: 592694

Ion Ratio Lower Upper

93 100

95 33.0 25.9 38.9

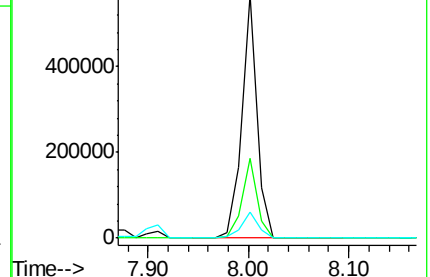
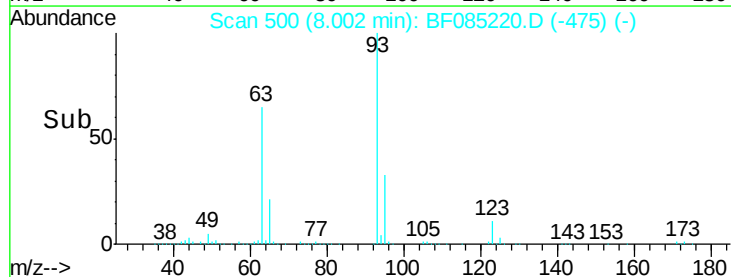
123 10.6 8.8 13.2

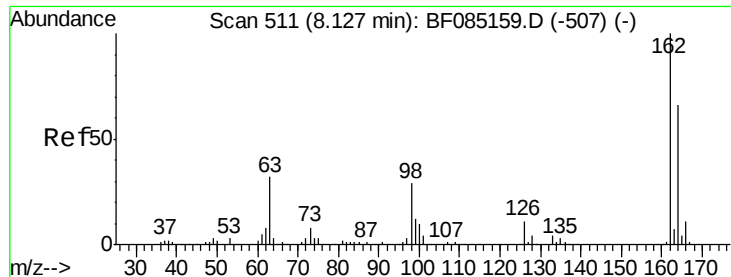


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

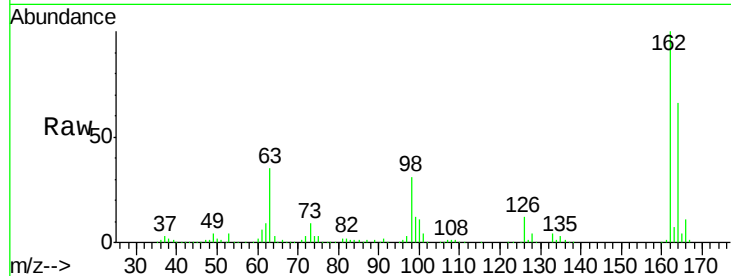




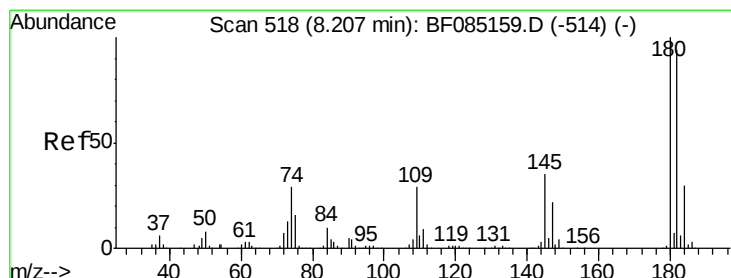
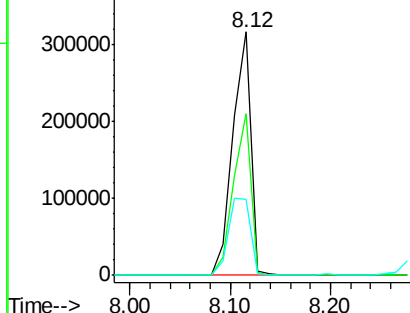
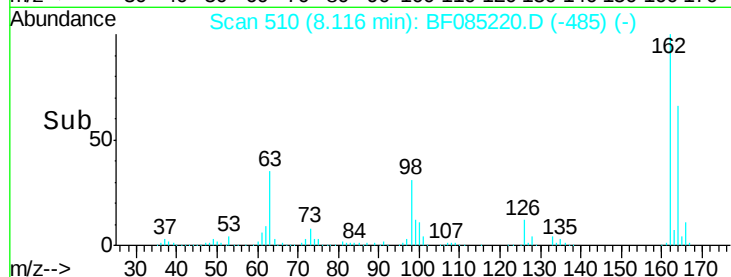
#29
 2,4-Dichlorophenol
 Concen: 44.59 ng
 RT: 8.12 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF085220.D
 Acq: 4 Mar 2016 23:25

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:162 Resp: 394988
 Ion Ratio Lower Upper
 162 100
 164 66.3 45.7 85.7
 98 31.3 9.4 49.4

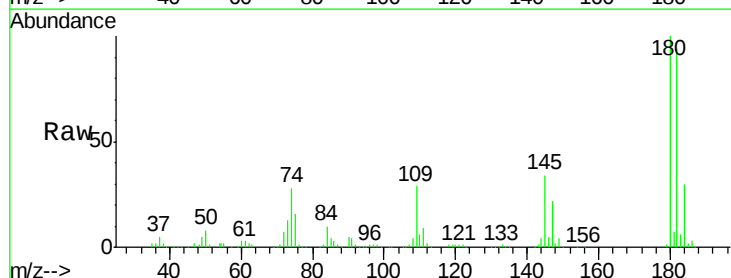


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

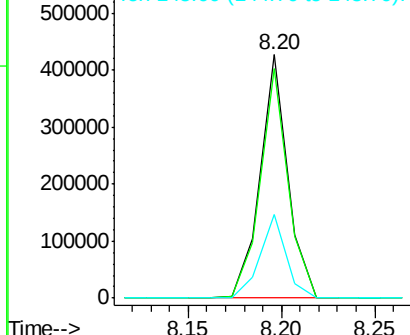
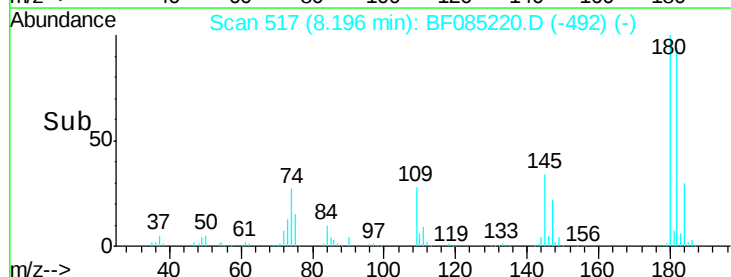


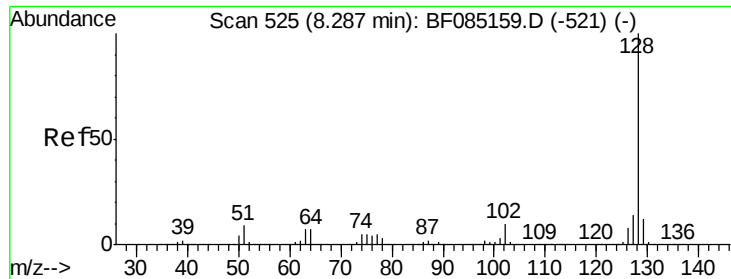
#30
 1,2,4-Trichlorobenzene
 Concen: 46.30 ng
 RT: 8.20 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF085220.D
 Acq: 4 Mar 2016 23:25

Tgt Ion:180 Resp: 443404
 Ion Ratio Lower Upper
 180 100
 182 94.5 74.9 112.3
 145 34.3 27.9 41.9



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

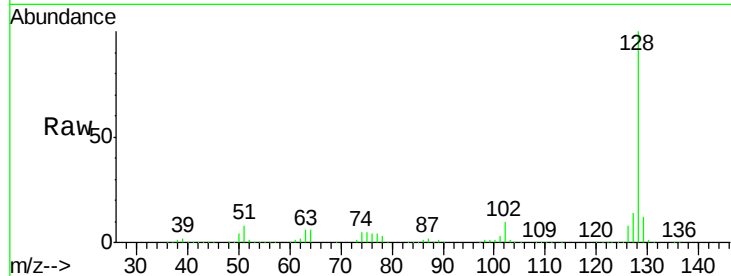




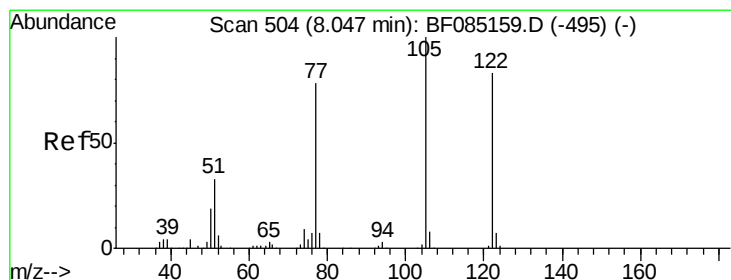
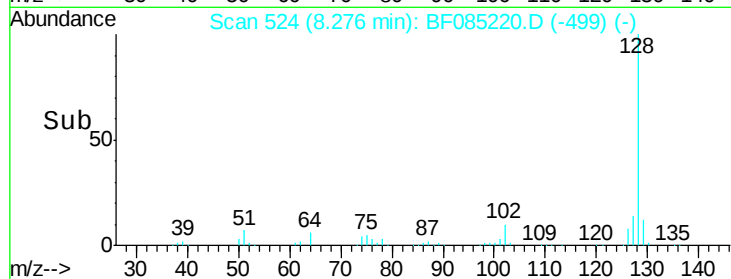
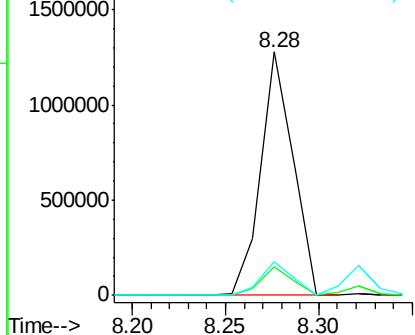
#31
Naphthalene
Concen: 47.82 ng
RT: 8.28 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF085220.D
Acq: 4 Mar 2016 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 1529621
Ion Ratio Lower Upper
128 100
129 11.8 9.7 14.5
127 13.9 11.2 16.8

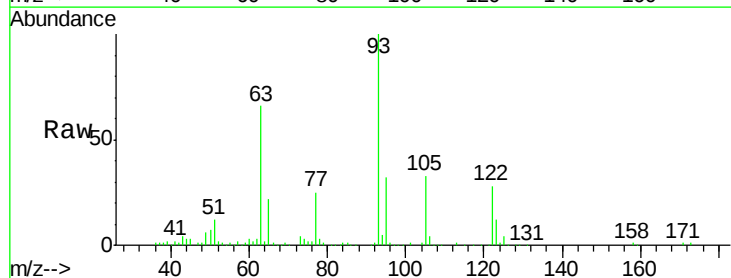


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

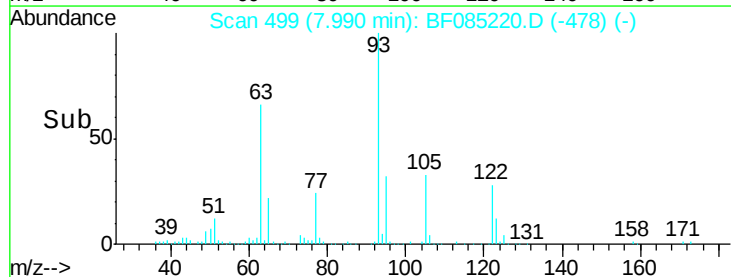
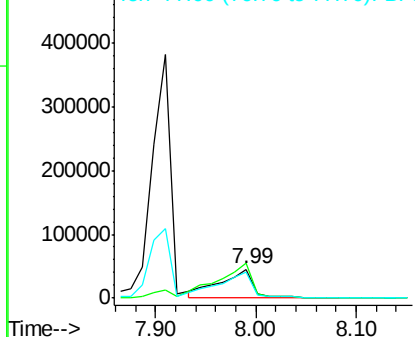


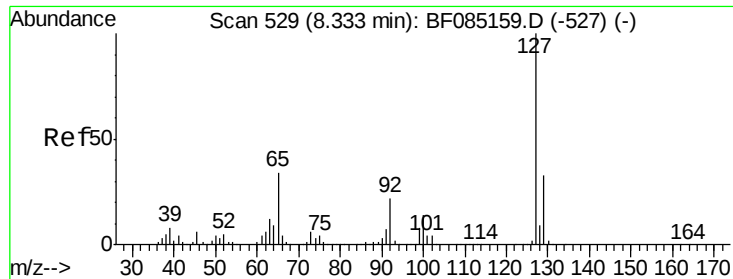
#32
Benzoic acid
Concen: 14.42 ng
RT: 7.99 min Scan# 499
Delta R.T. -0.06 min
Lab File: BF085220.D
Acq: 4 Mar 2016 23:25

Tgt Ion:122 Resp: 105183
Ion Ratio Lower Upper
122 100
105 119.9 101.3 141.3
77 88.8 74.7 114.7



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

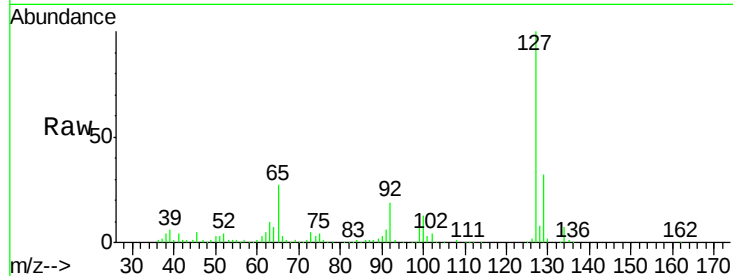




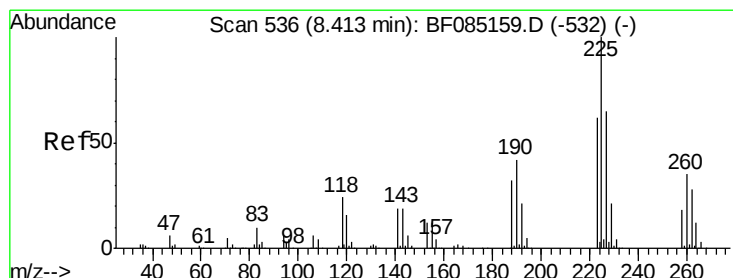
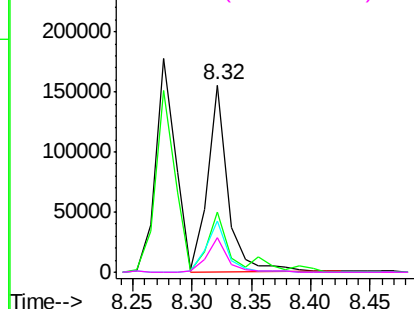
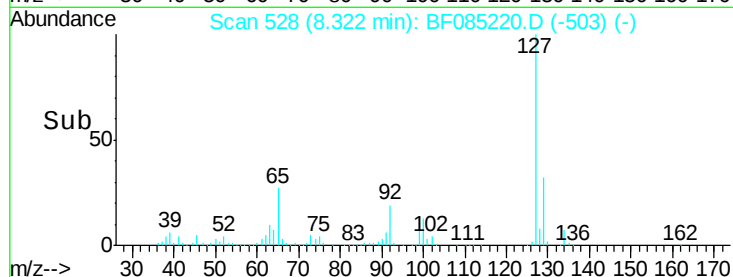
#33
4-Chloroaniline
Concen: 14.36 ng
RT: 8.32 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF085220.D
Acq: 4 Mar 2016 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:	127	Resp:	185825
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.1	39.1
65	27.5	27.0	40.6
92	18.7	17.4	26.0

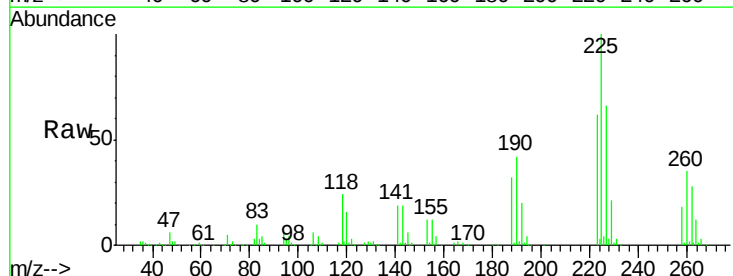


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

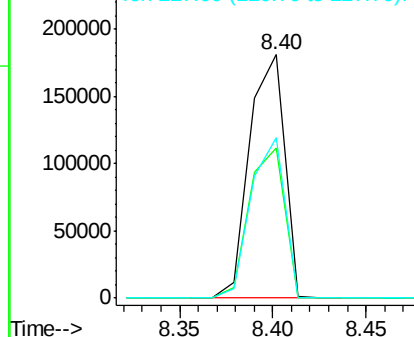
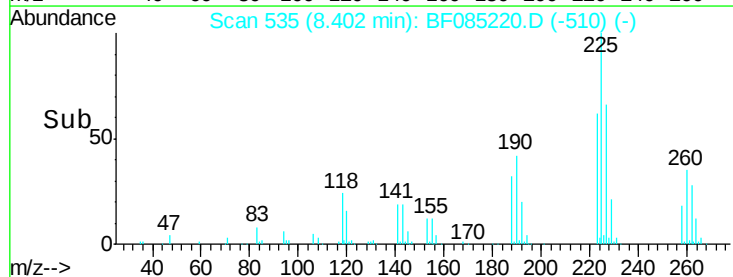


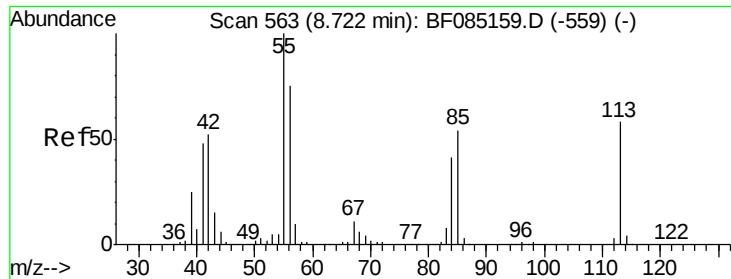
#34
Hexachlorobutadiene
Concen: 47.22 ng
RT: 8.40 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF085220.D
Acq: 4 Mar 2016 23:25

Tgt Ion:	225	Resp:	235275
Ion	Ratio	Lower	Upper
225	100		
223	61.7	49.7	74.5
227	65.8	52.2	78.4



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

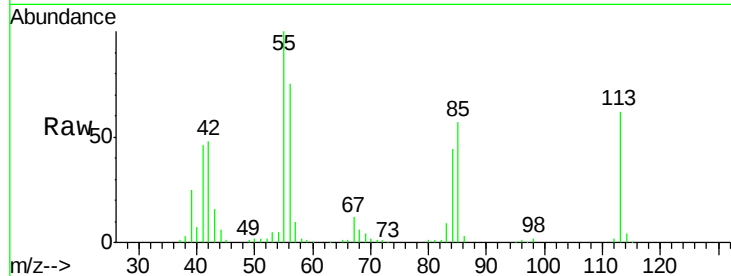




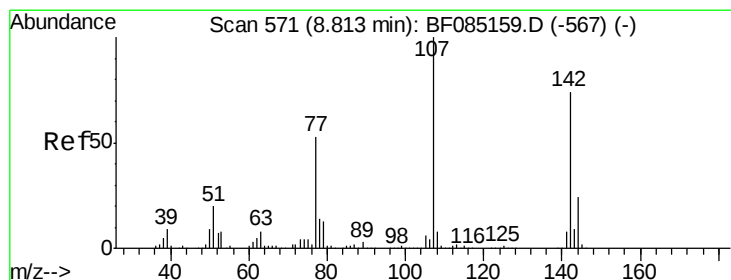
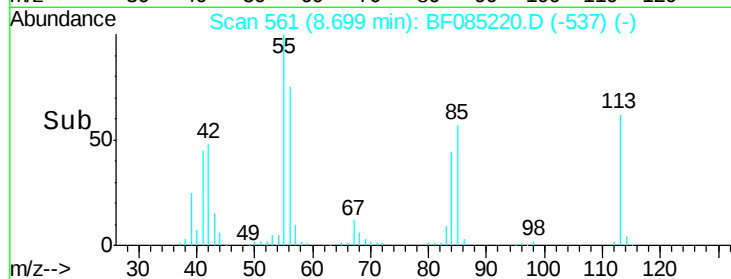
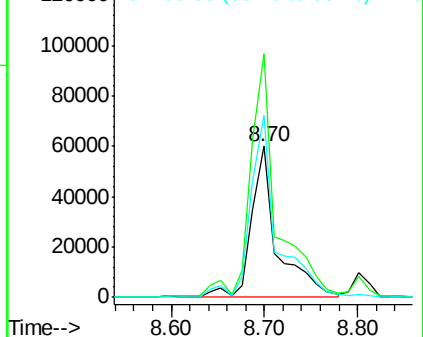
#35
 Caprolactam
 Concen: 40.05 ng
 RT: 8.70 min Scan# 561
 Delta R.T. -0.02 min
 Lab File: BF085220.D
 Acq: 4 Mar 2016 23:25

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:113 Resp: 115847
 Ion Ratio Lower Upper
 113 100
 55 161.0 152.7 192.7
 56 120.3 109.0 149.0

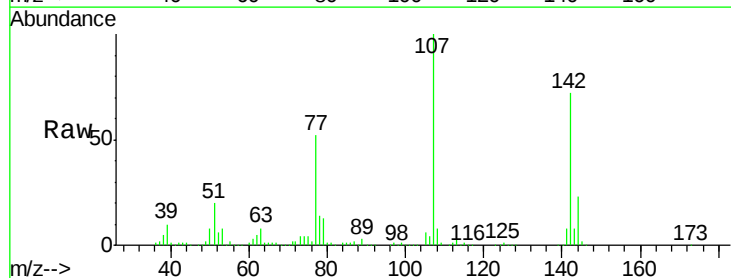


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

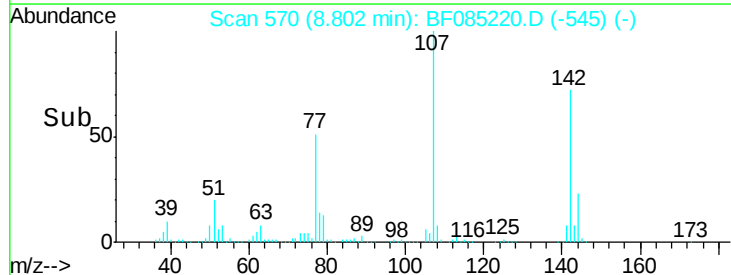
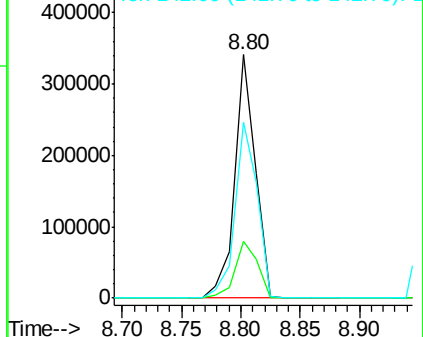


#36
 4-Chloro-3-methylphenol
 Concen: 41.14 ng
 RT: 8.80 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: BF085220.D
 Acq: 4 Mar 2016 23:25

Tgt Ion:107 Resp: 413395
 Ion Ratio Lower Upper
 107 100
 144 23.4 19.4 29.2
 142 72.3 59.4 89.2



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

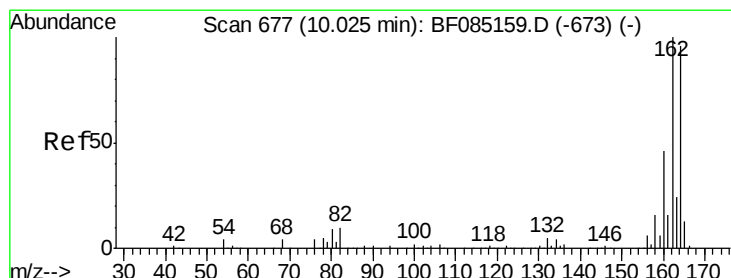
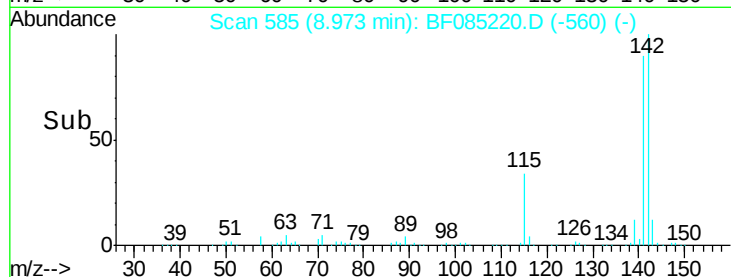
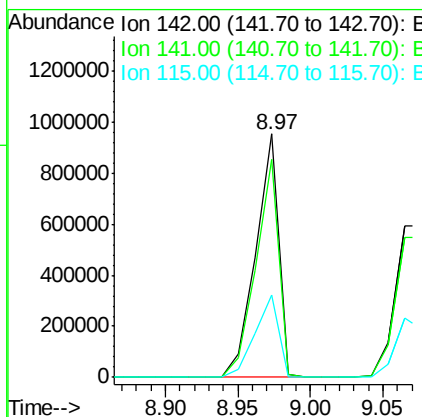
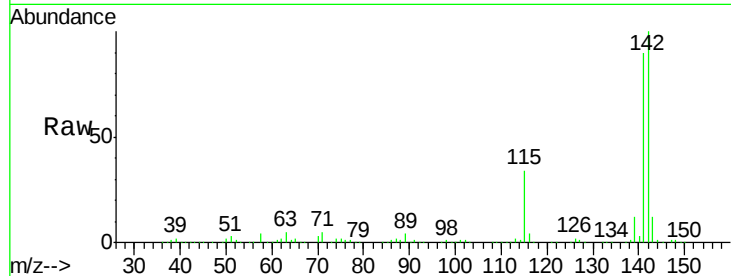




#37
 2-Methylnaphthalene
 Concen: 51.12 ng
 RT: 8.97 min Scan# 585
 Delta R.T. -0.01 min
 Lab File: BF085220.D
 Acq: 4 Mar 2016 23:25

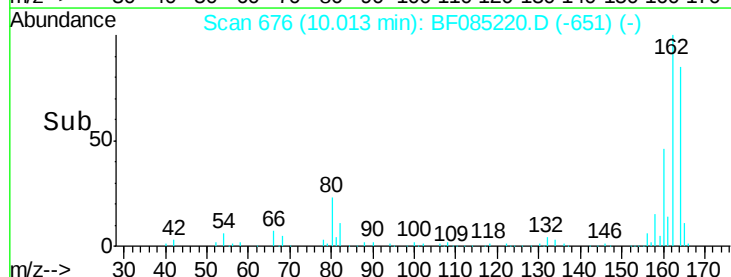
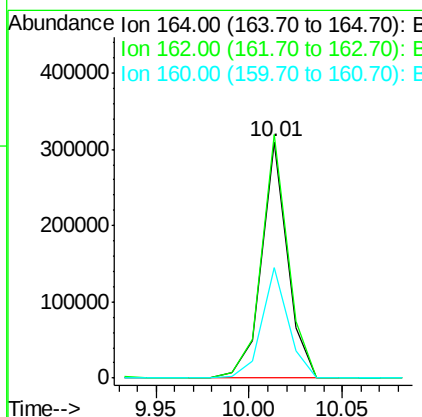
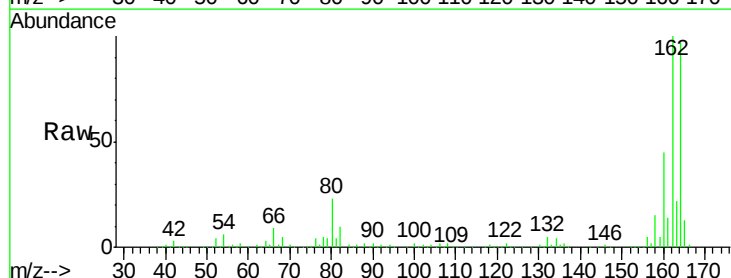
Instrument :
 BNA_F
 ClientSampleId :

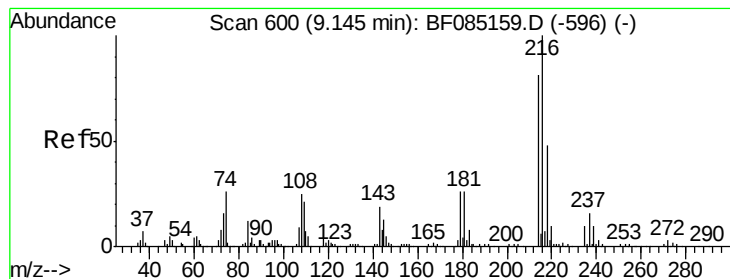
Tgt Ion:142 Resp: 1049334
 Ion Ratio Lower Upper
 142 100
 141 89.6 71.7 107.5
 115 34.0 26.2 39.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.01 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF085220.D
 Acq: 4 Mar 2016 23:25

Tgt Ion:164 Resp: 295607
 Ion Ratio Lower Upper
 164 100
 162 103.0 83.3 124.9
 160 46.5 37.9 56.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.61 ng

RT: 9.13 min Scan# 599

Delta R.T. -0.01 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:216 Resp: 377173

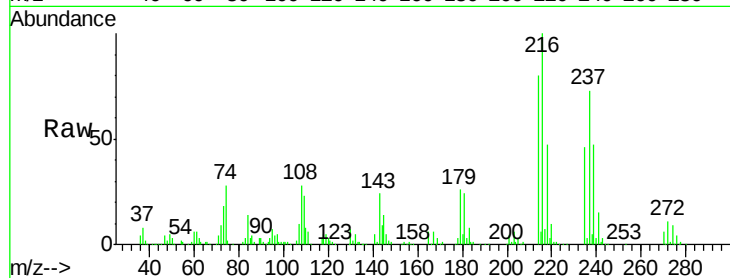
Ion Ratio Lower Upper

216 100

214 78.3 63.8 95.6

179 22.5 19.6 29.4

108 23.4 19.6 29.4

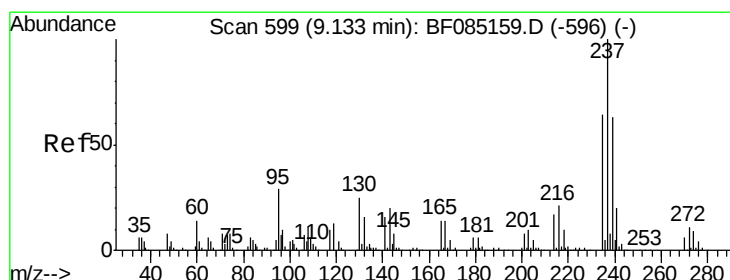
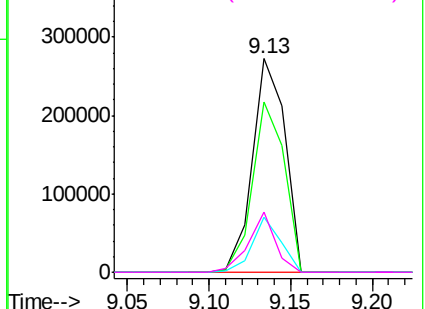
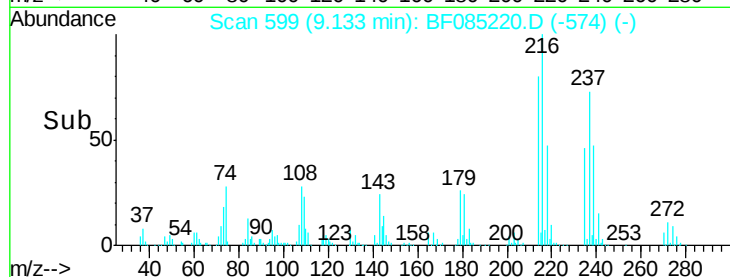


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 82.98 ng

RT: 9.12 min Scan# 598

Delta R.T. -0.01 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

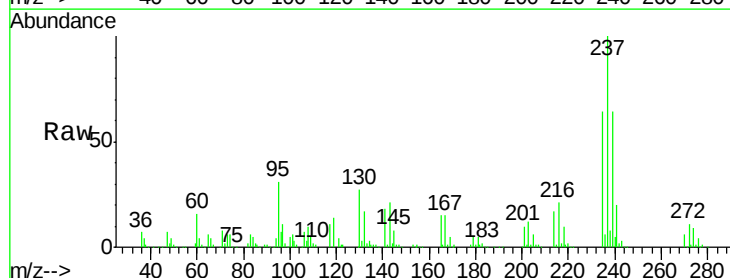
Tgt Ion:237 Resp: 378344

Ion Ratio Lower Upper

237 100

235 64.4 43.7 83.7

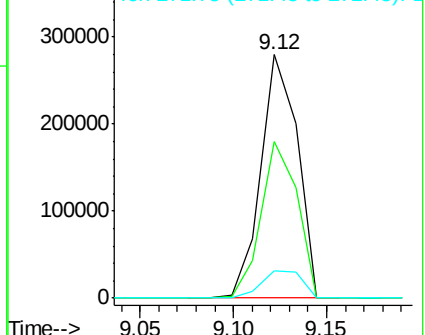
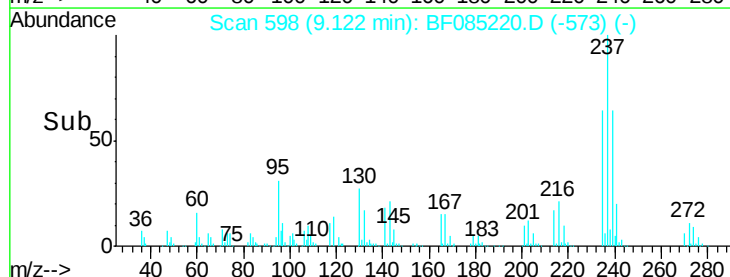
272 11.3 0.0 31.5

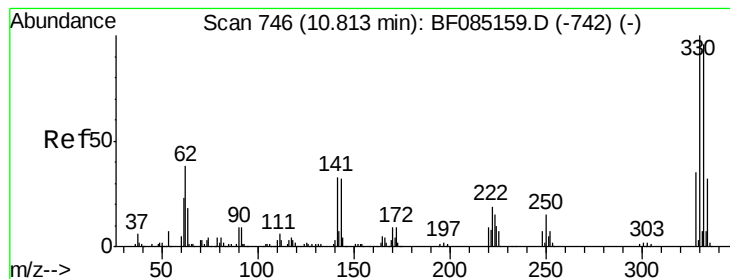


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

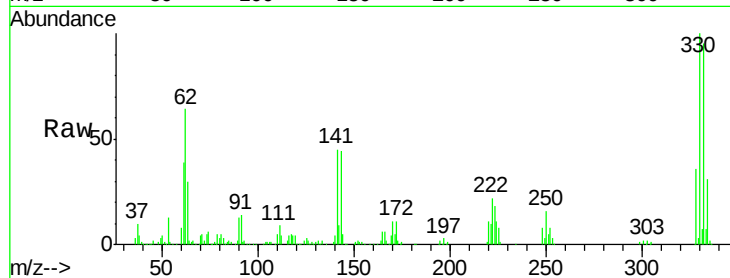




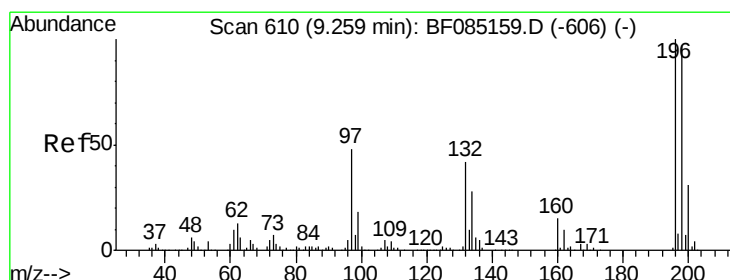
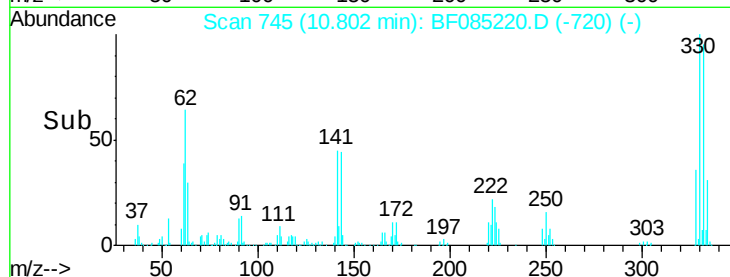
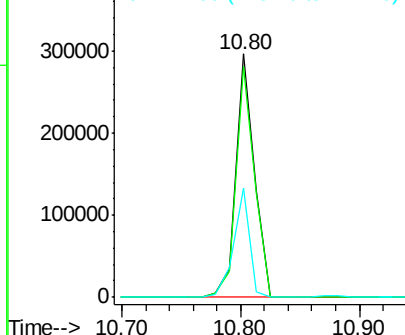
#41
 2,4,6-Tribromophenol
 Concen: 127.16 ng
 RT: 10.80 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF085220.D
 Acq: 4 Mar 2016 23:25

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:330 Resp: 321631
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.1 115.7
 141 39.1 35.0 52.6

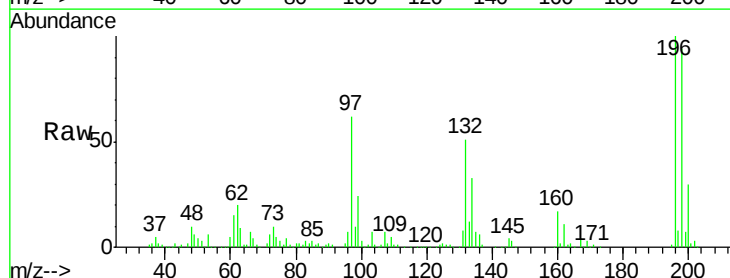


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

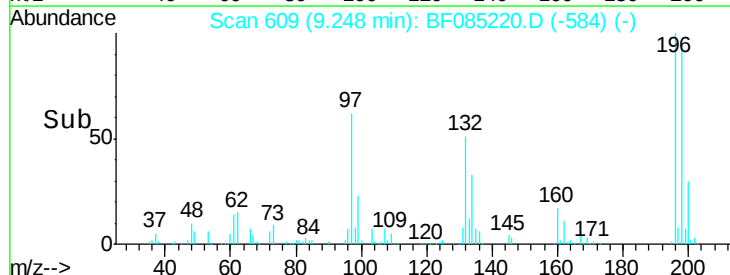
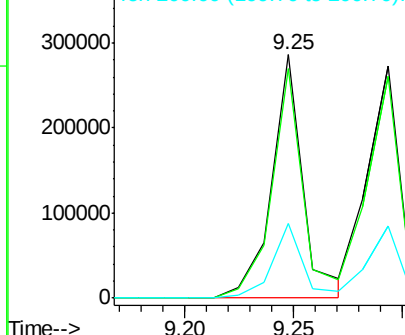


#42
 2,4,6-Trichlorophenol
 Concen: 45.76 ng
 RT: 9.25 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF085220.D
 Acq: 4 Mar 2016 23:25

Tgt Ion:196 Resp: 287976
 Ion Ratio Lower Upper
 196 100
 198 94.3 77.8 116.6
 200 30.4 25.0 37.6



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

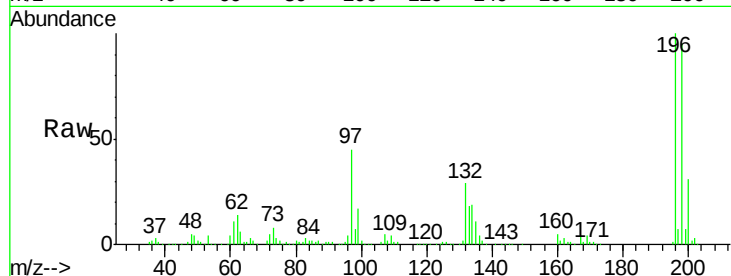




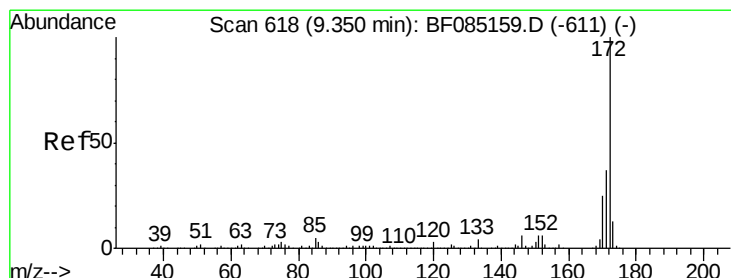
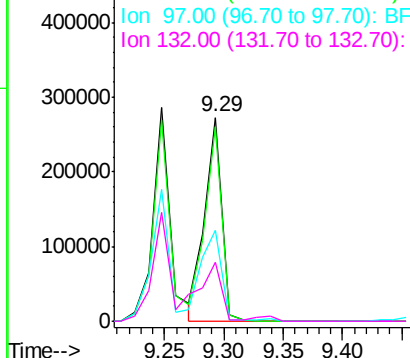
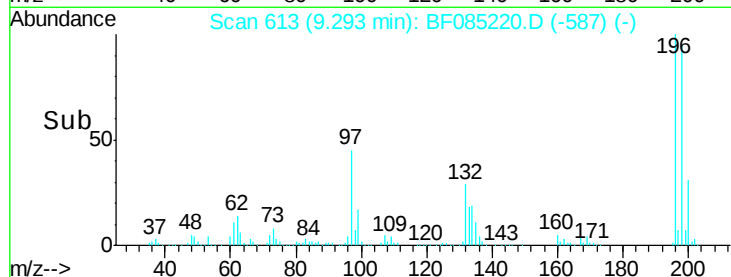
#43
 2,4,5-Trichlorophenol
 Concen: 46.11 ng
 RT: 9.29 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF085220.D
 Acq: 4 Mar 2016 23:25

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:196 Resp: 275102
 Ion Ratio Lower Upper
 196 100
 198 95.4 75.7 113.5
 97 44.8 46.4 69.6#
 132 28.8 26.2 39.4

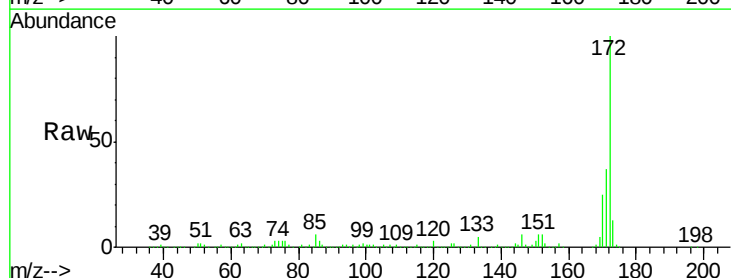


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

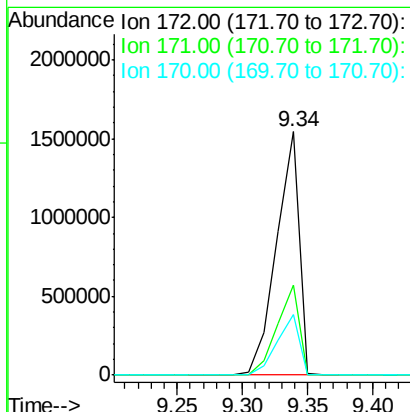
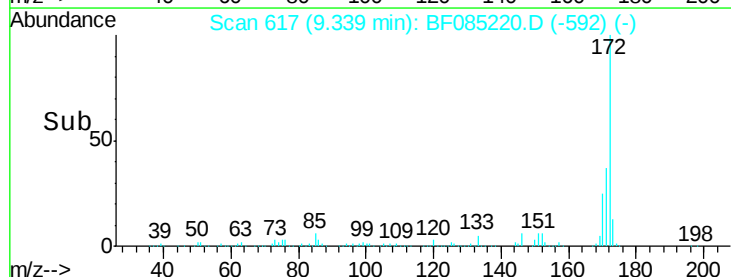


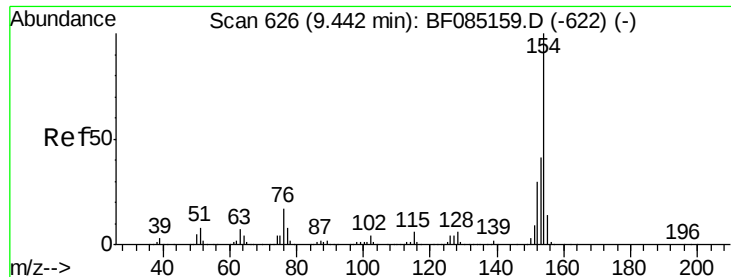
#44
 2-Fluorobiphenyl
 Concen: 97.22 ng
 RT: 9.34 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF085220.D
 Acq: 4 Mar 2016 23:25

Tgt Ion:172 Resp: 1889776
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.3 43.9
 170 25.1 20.0 30.0



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

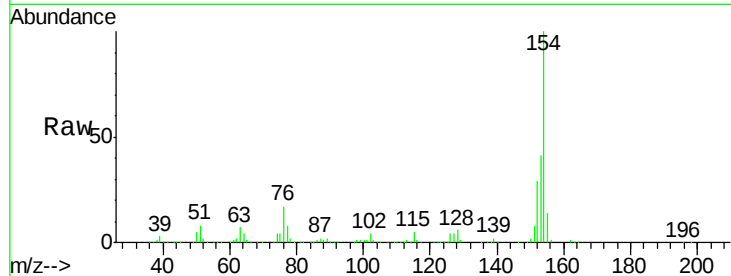




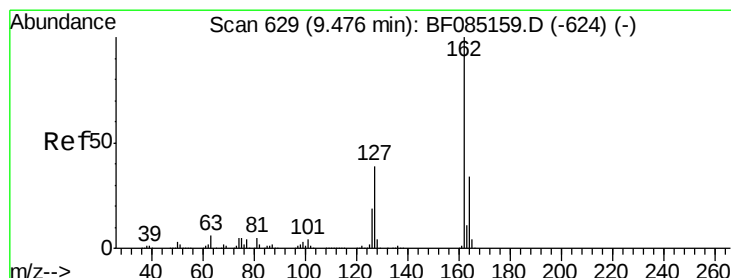
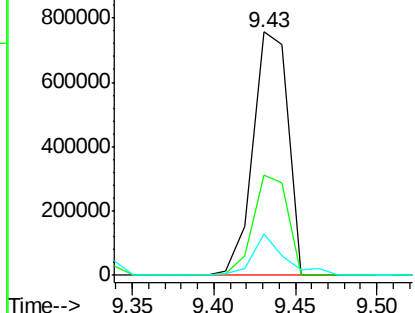
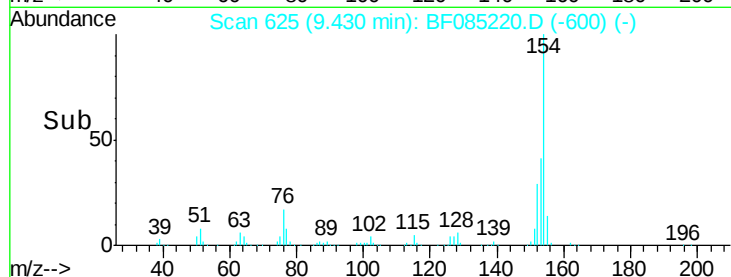
#45
 1,1'-Biphenyl
 Concen: 44.60 ng
 RT: 9.43 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF085220.D
 Acq: 4 Mar 2016 23:25

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:154 Resp: 1126455
 Ion Ratio Lower Upper
 154 100
 153 41.1 21.4 61.4
 76 17.1 0.0 37.5

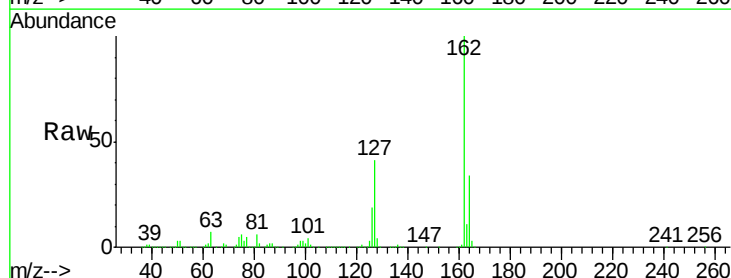


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

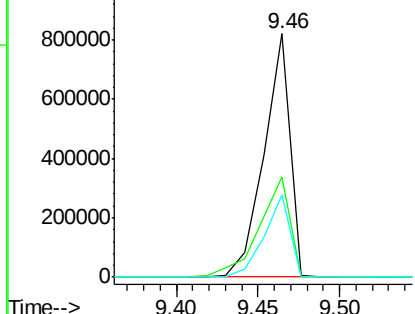
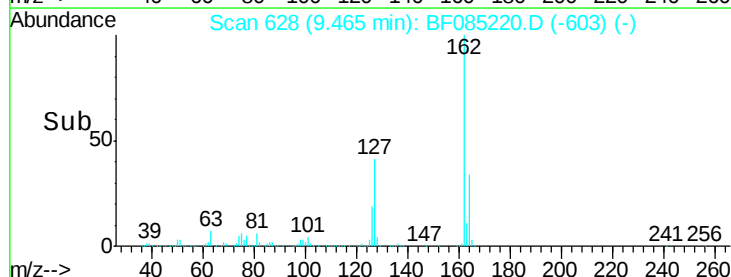


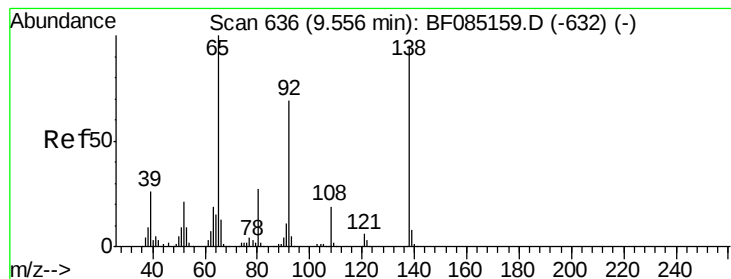
#46
 2-Chloronaphthalene
 Concen: 47.32 ng
 RT: 9.46 min Scan# 628
 Delta R.T. -0.01 min
 Lab File: BF085220.D
 Acq: 4 Mar 2016 23:25

Tgt Ion:162 Resp: 911004
 Ion Ratio Lower Upper
 162 100
 127 41.1 31.6 47.4
 164 33.8 27.1 40.7



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: 49.73 ng

RT: 9.56 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

Instrument :

BNA_F

ClientSampleId :

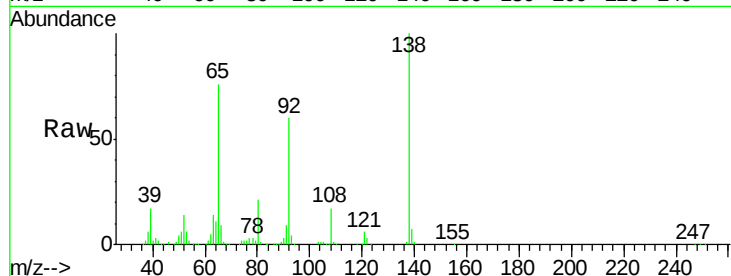
Tgt Ion: 65 Resp: 296681

Ion Ratio Lower Upper

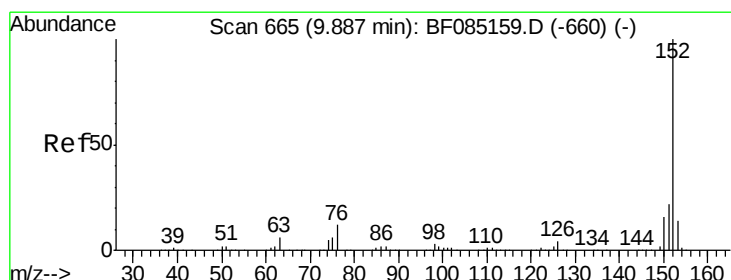
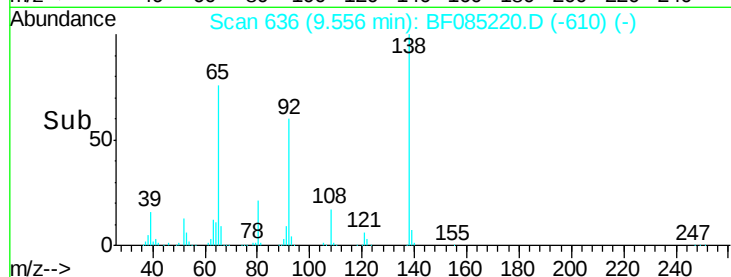
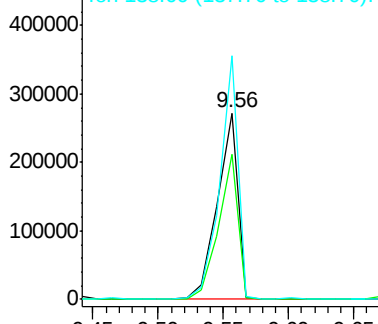
65 100

92 78.0 55.4 83.2

138 130.9 75.7 113.5#



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



#48

Acenaphthylene

Concen: 43.82 ng

RT: 9.88 min Scan# 664

Delta R.T. -0.01 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

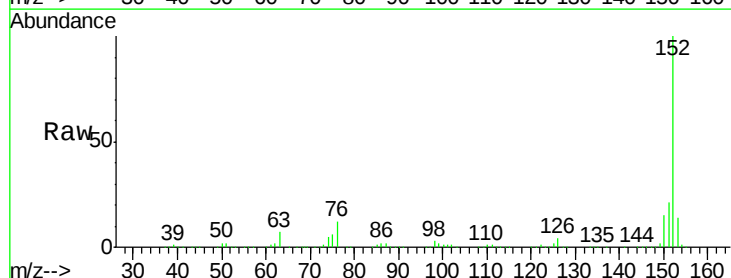
Tgt Ion: 152 Resp: 1312906

Ion Ratio Lower Upper

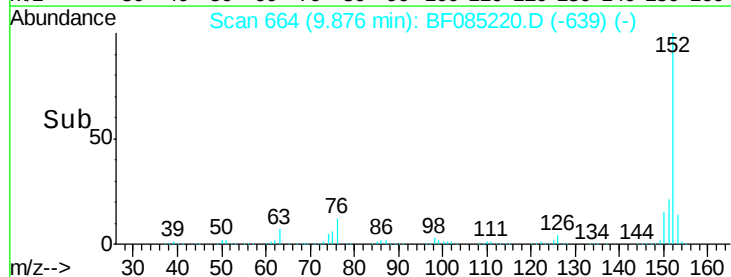
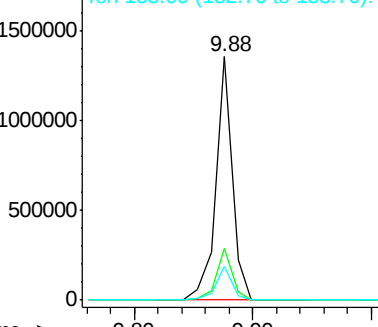
152 100

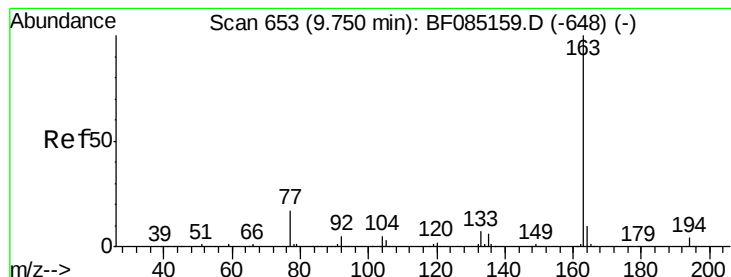
151 21.1 17.5 26.3

153 14.0 11.3 16.9



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





#49

Dimethylphthalate

Concen: 52.12 ng

RT: 9.74 min Scan# 652

Delta R.T. -0.01 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

Instrument :

BNA_F

ClientSampleId :

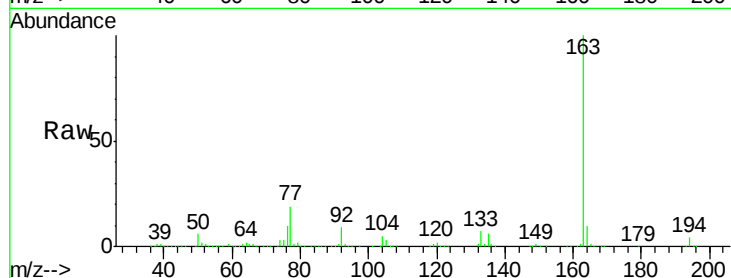
Tgt Ion:163 Resp: 1182551

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

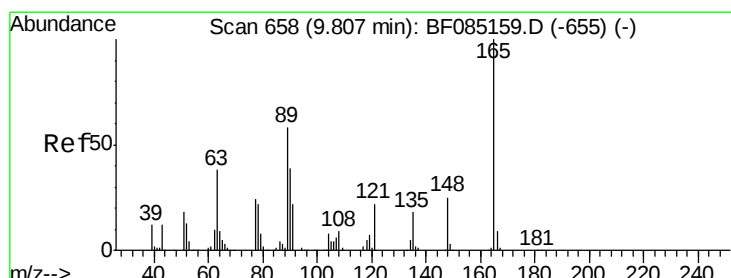
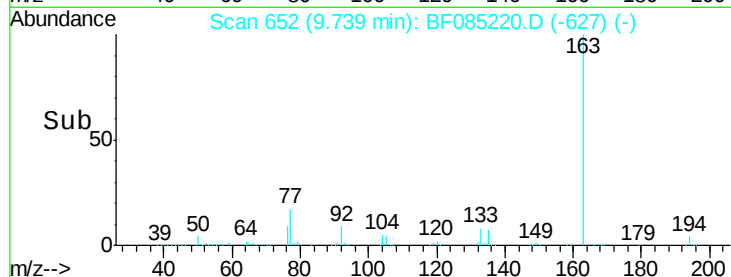
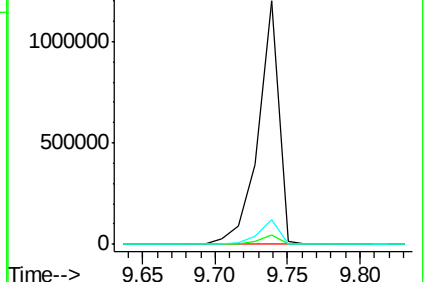
164 10.2 8.2 12.4



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: 45.61 ng

RT: 9.80 min Scan# 657

Delta R.T. -0.01 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

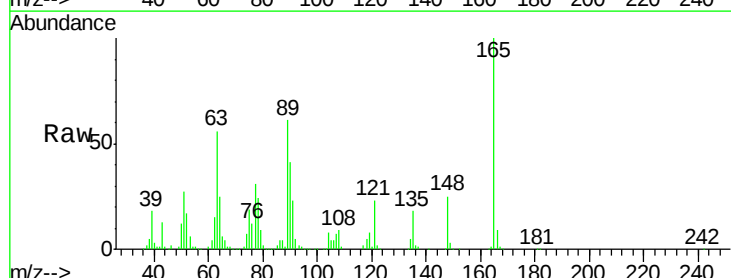
Tgt Ion:165 Resp: 221402

Ion Ratio Lower Upper

165 100

63 56.2 41.8 62.8

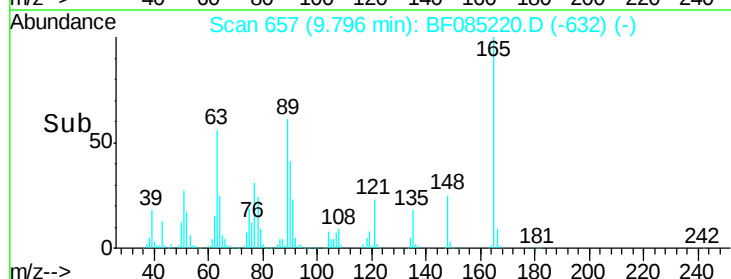
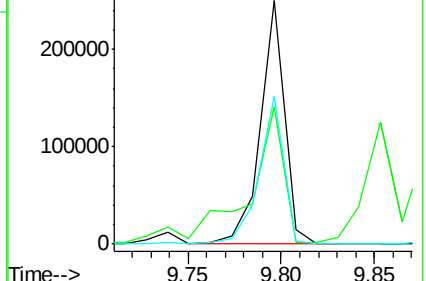
89 60.6 46.7 70.1

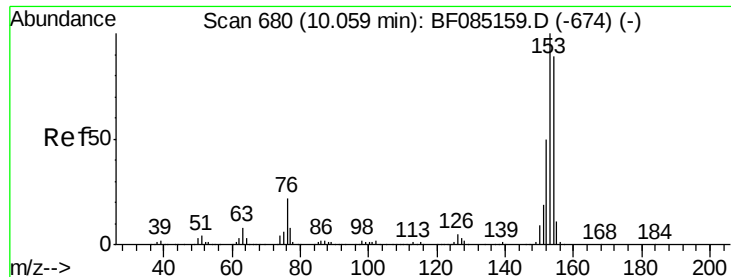


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.66 ng

RT: 10.05 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

Instrument :

BNA_F

ClientSampleId :

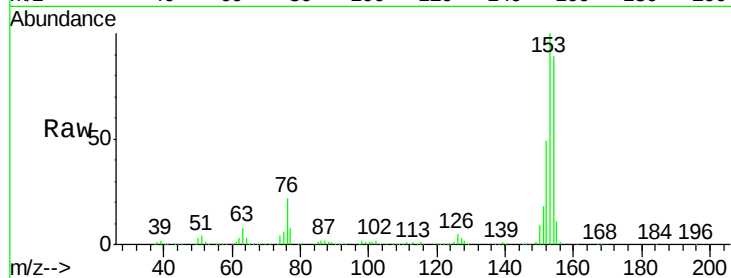
Tgt Ion:154 Resp: 776110

Ion Ratio Lower Upper

154 100

153 112.2 89.8 134.8

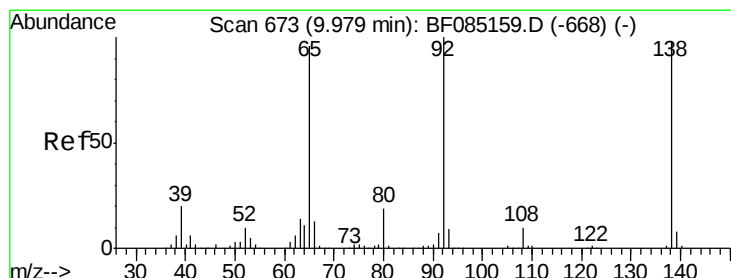
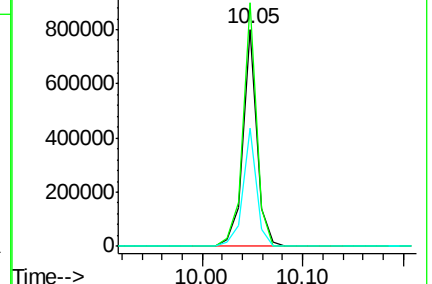
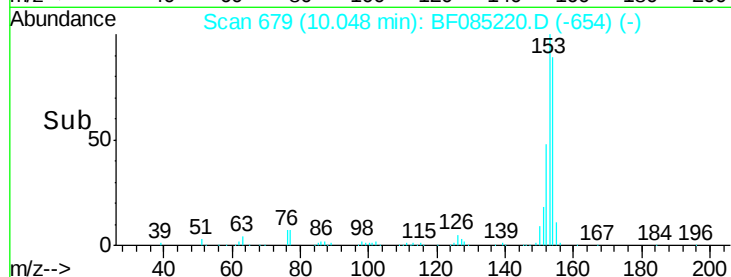
152 54.5 44.6 66.8



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: 28.58 ng

RT: 9.97 min Scan# 672

Delta R.T. -0.01 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

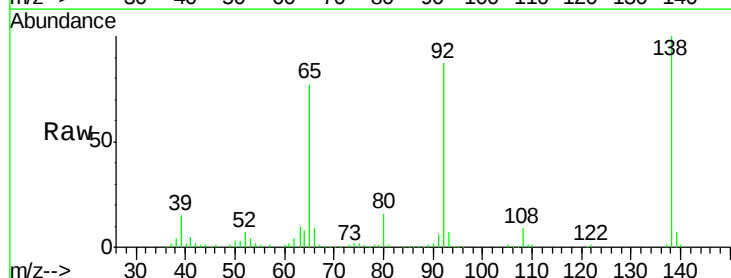
Tgt Ion:138 Resp: 165998

Ion Ratio Lower Upper

138 100

108 8.8 7.8 11.6

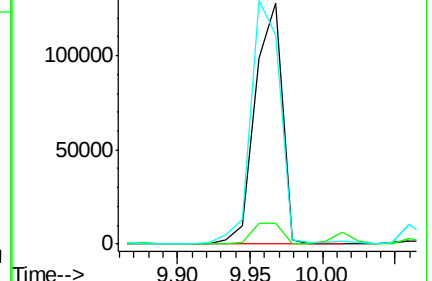
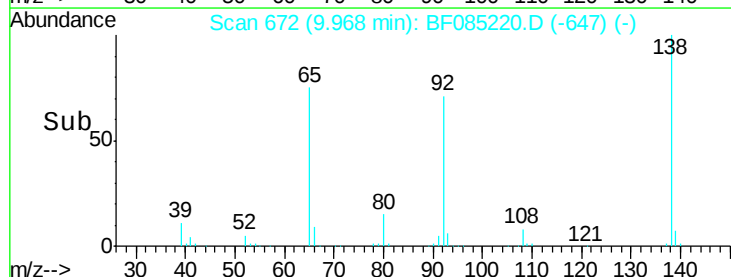
92 87.1 81.3 121.9

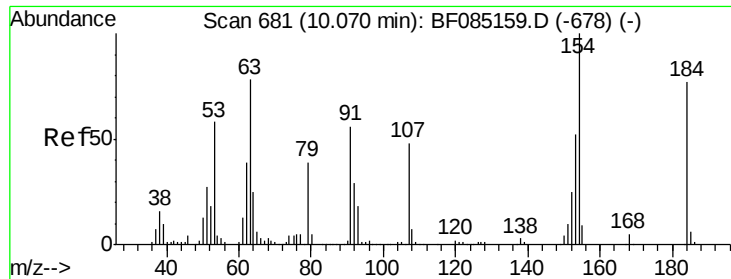


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

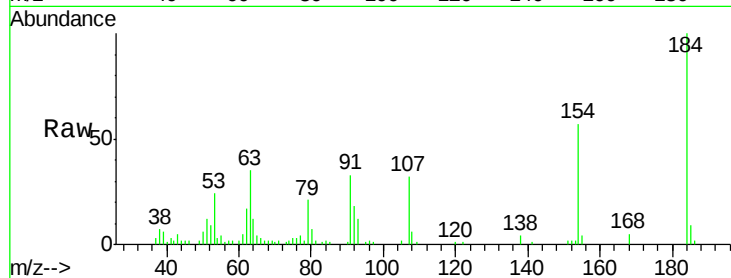




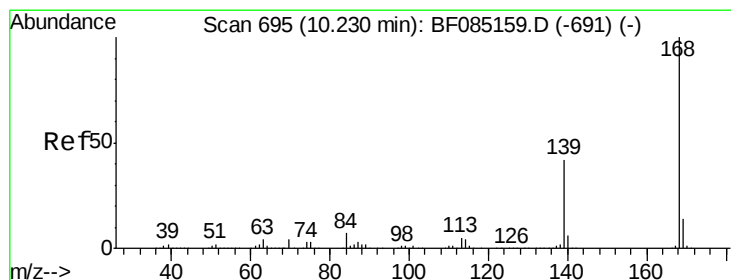
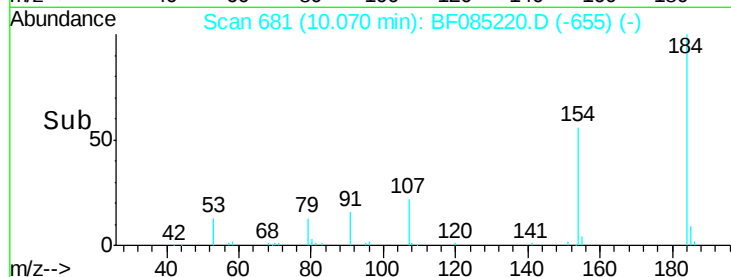
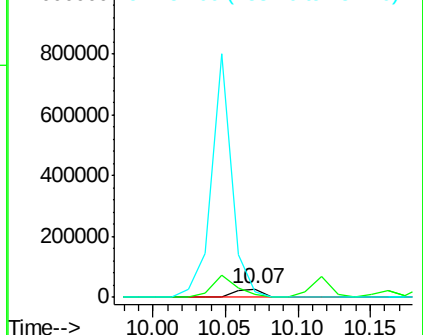
#53
2,4-Dinitrophenol
Concen: 22.20 ng
RT: 10.07 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF085220.D
Acq: 4 Mar 2016 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 38805
Ion Ratio Lower Upper
184 100
63 34.5 82.2 123.4#
154 57.2 108.9 163.3#

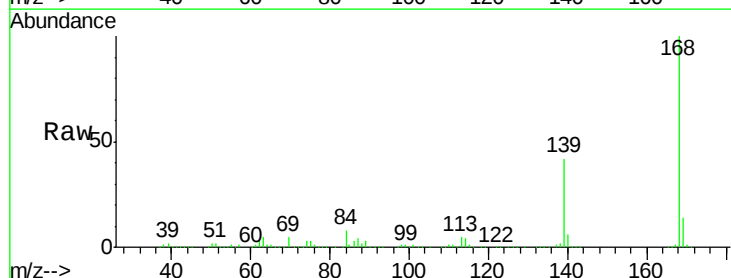


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

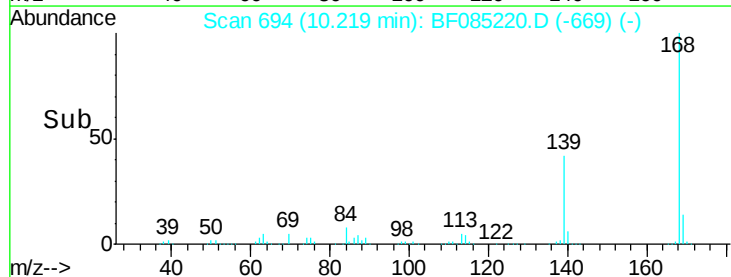
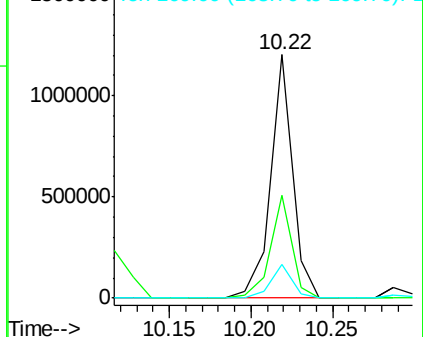


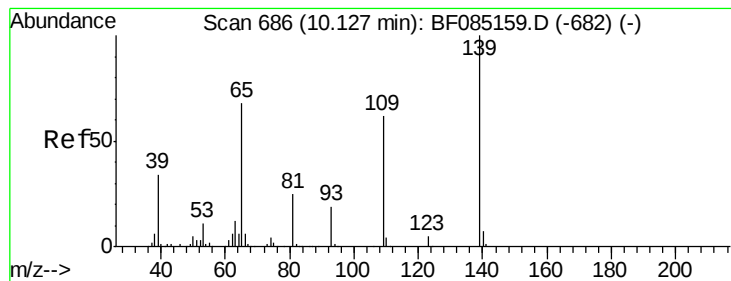
#54
Dibenzofuran
Concen: 47.55 ng
RT: 10.22 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF085220.D
Acq: 4 Mar 2016 23:25

Tgt Ion:168 Resp: 1133330
Ion Ratio Lower Upper
168 100
139 42.4 33.6 50.4
169 14.0 11.2 16.8



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: 61.35 ng

RT: 10.12 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

Instrument :

BNA_F

ClientSampleId :

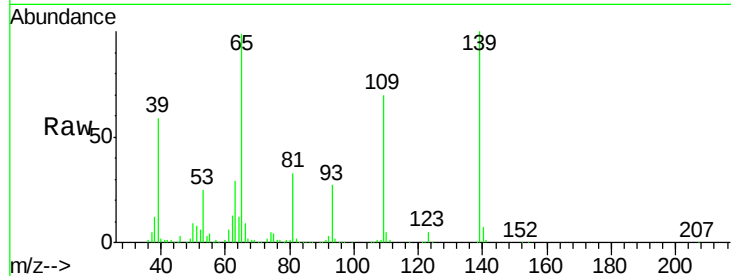
Tgt Ion:139 Resp: 279962

Ion Ratio Lower Upper

139 100

109 70.0 41.9 81.9

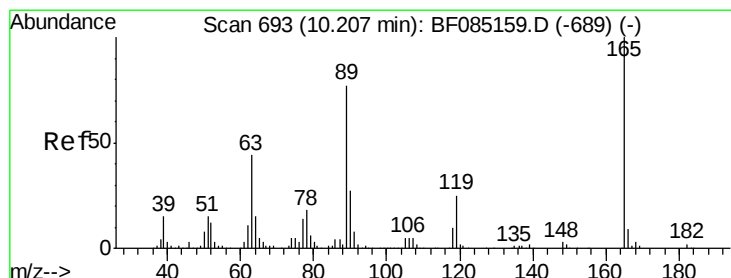
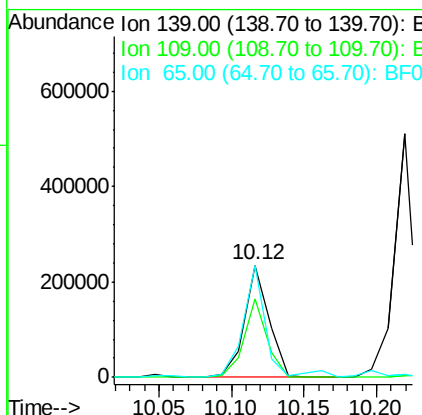
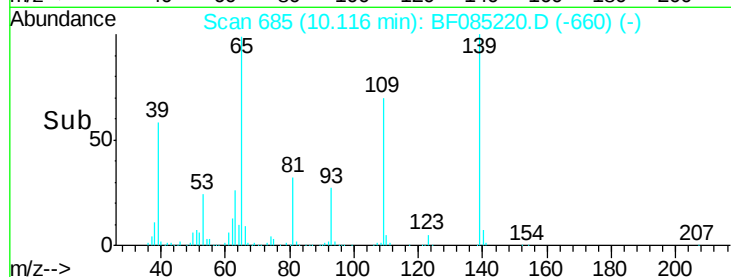
65 99.3 48.3 88.3#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 43.80 ng

RT: 10.20 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

Tgt Ion:165 Resp: 272110

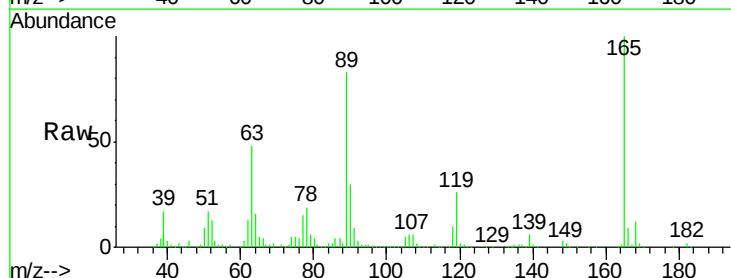
Ion Ratio Lower Upper

165 100

63 48.2 35.4 53.0

89 82.6 61.9 92.9

182 2.4 1.9 2.9

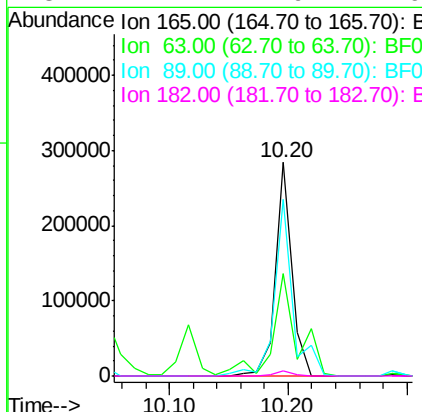
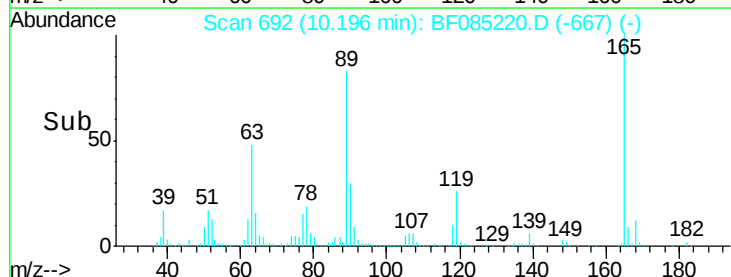


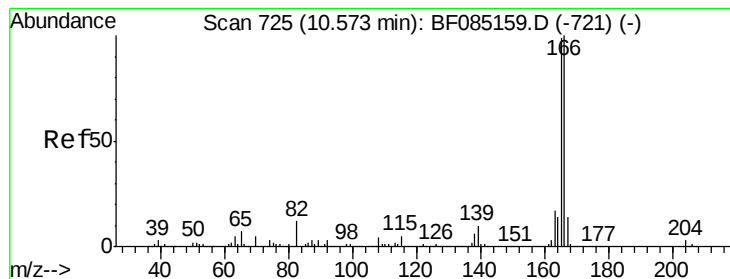
Abundance Ion 165.00 (164.70 to 165.70): E

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: 45.47 ng

RT: 10.56 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

Instrument :

BNA_F

ClientSampleId :

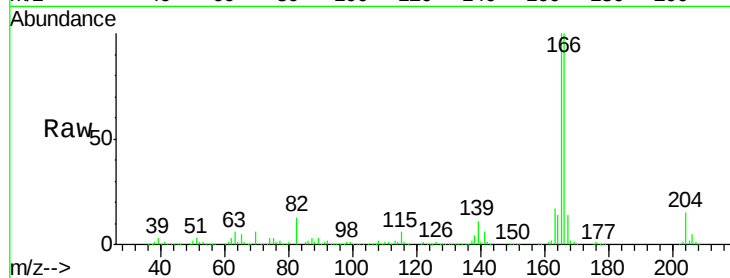
Tgt Ion:166 Resp: 851319

Ion Ratio Lower Upper

166 100

165 99.7 79.4 119.0

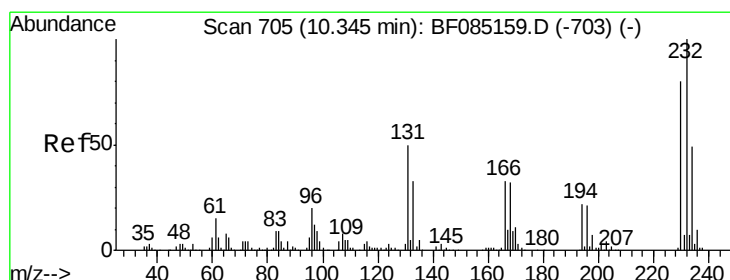
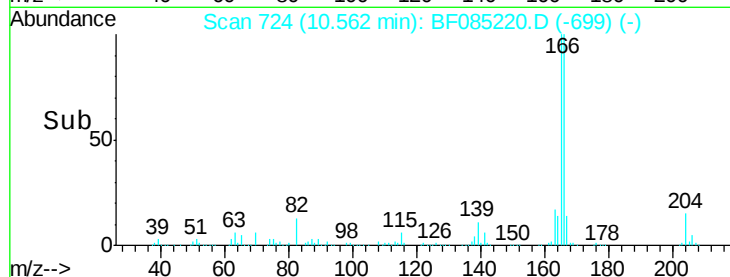
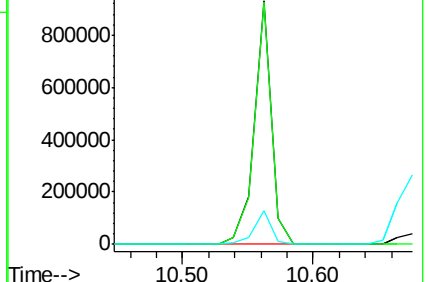
167 13.8 11.0 16.6



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: 46.20 ng

RT: 10.33 min Scan# 704

Delta R.T. -0.01 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

Tgt Ion:232 Resp: 193650

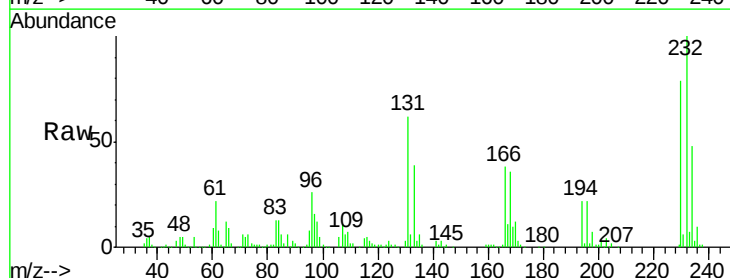
Ion Ratio Lower Upper

232 100

131 57.4 46.0 69.0

130 3.0 2.2 3.4

166 34.9 28.8 43.2

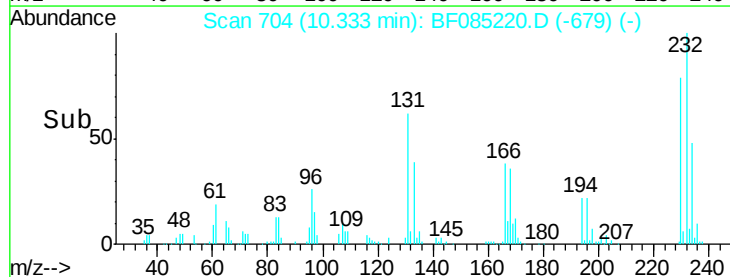
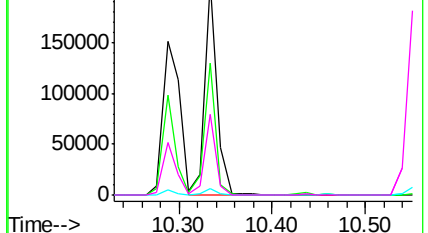


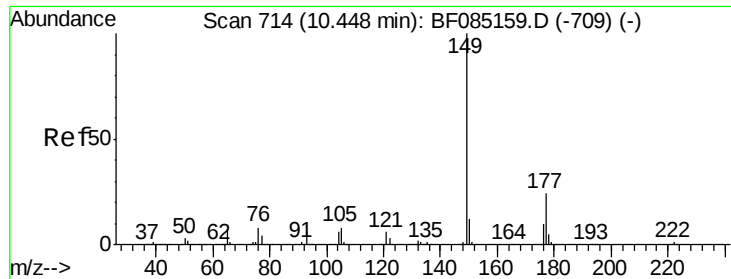
Abundance Ion 232.00 (231.70 to 232.70): E

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

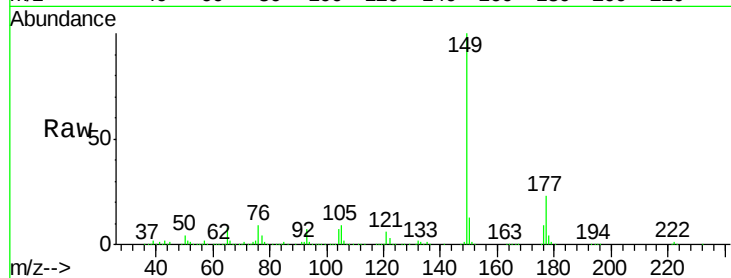




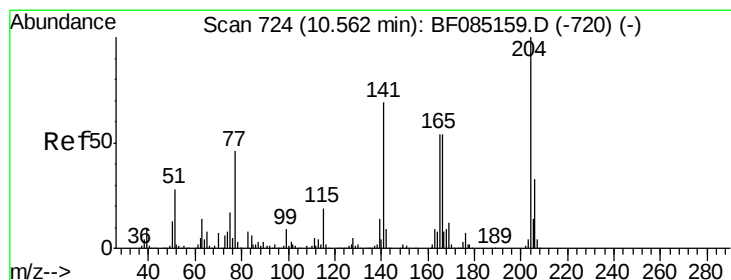
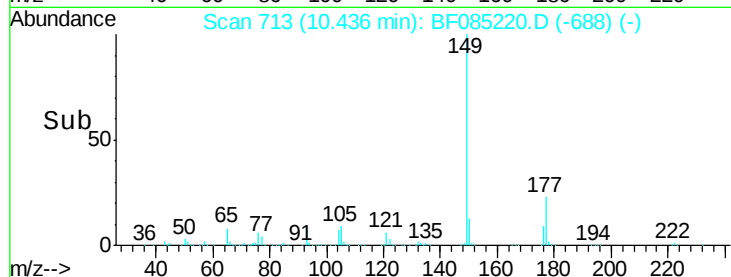
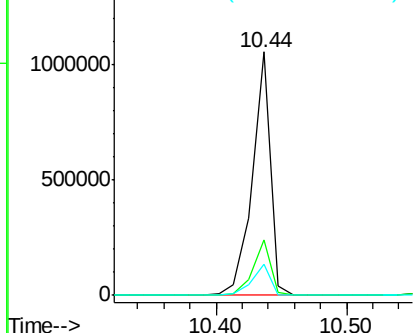
#59
Diethylphthalate
Concen: 46.32 ng
RT: 10.44 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF085220.D
Acq: 4 Mar 2016 23:25

Instrument :
BNA_F
ClientSampled :

Tgt Ion:149 Resp: 1019894
Ion Ratio Lower Upper
149 100
177 22.8 19.2 28.8
150 12.9 9.9 14.9

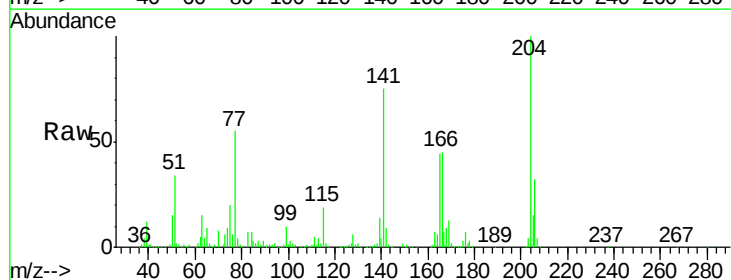


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

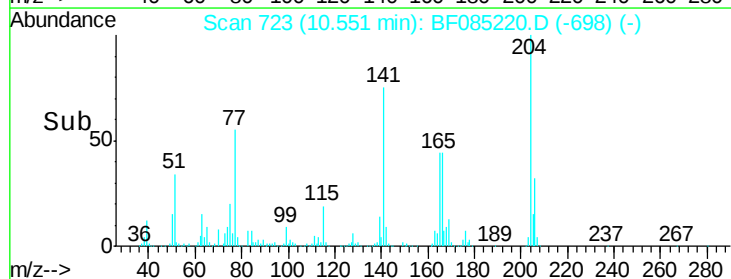
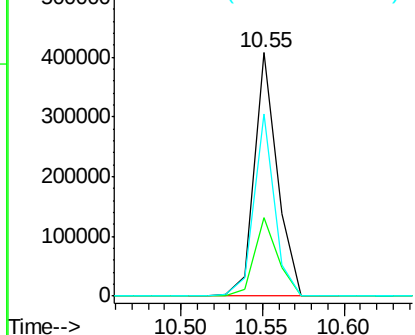


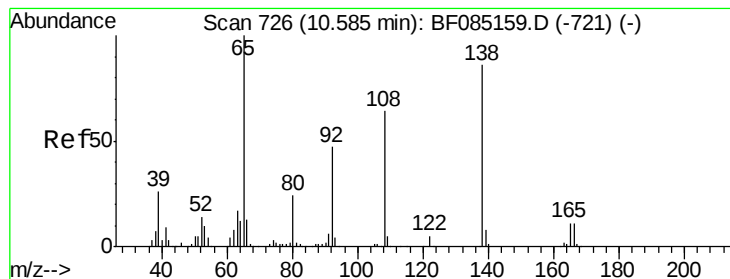
#60
4-Chlorophenyl-phenylether
Concen: 43.68 ng
RT: 10.55 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF085220.D
Acq: 4 Mar 2016 23:25

Tgt Ion:204 Resp: 397841
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 75.1 55.4 83.2



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 39.92 ng

RT: 10.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

Instrument :

BNA_F

ClientSampleId :

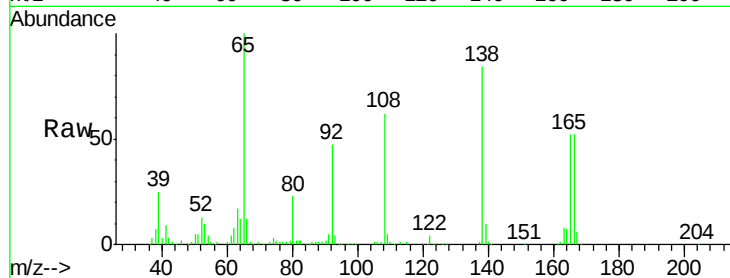
Tgt Ion:138 Resp: 216815

Ion Ratio Lower Upper

138 100

92 55.5 34.2 74.2

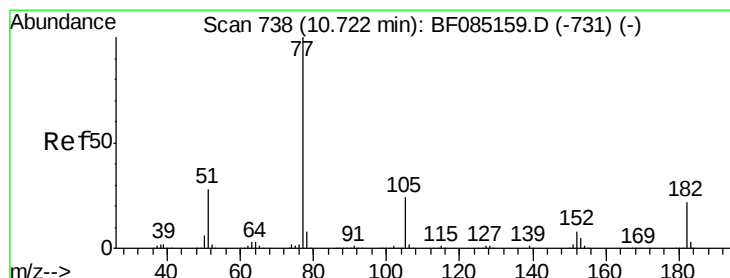
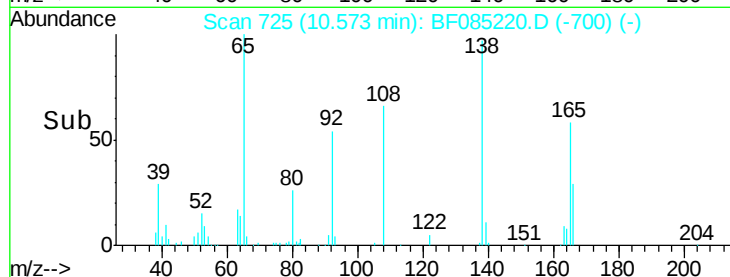
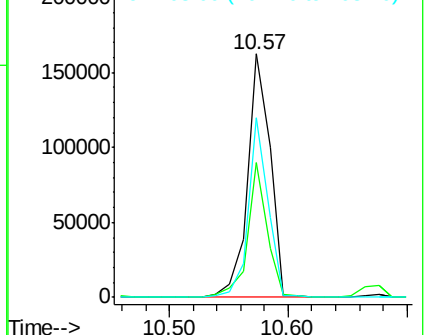
108 73.9 53.9 93.9



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: 47.08 ng

RT: 10.71 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

Tgt Ion: 77 Resp: 1021275

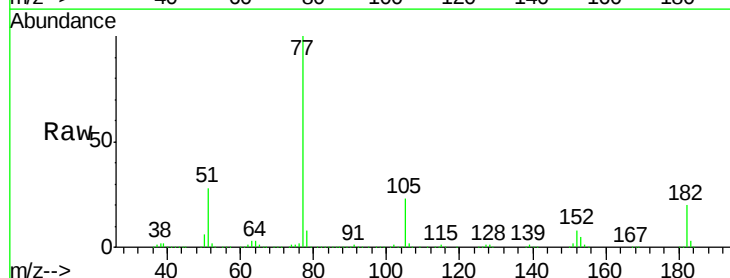
Ion Ratio Lower Upper

77 100

182 19.7 2.1 42.1

105 23.1 3.8 43.8

51 27.6 7.8 47.8

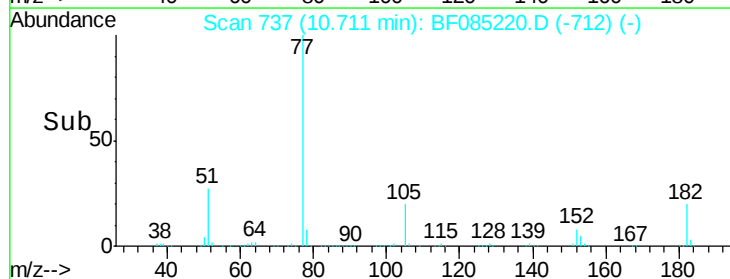
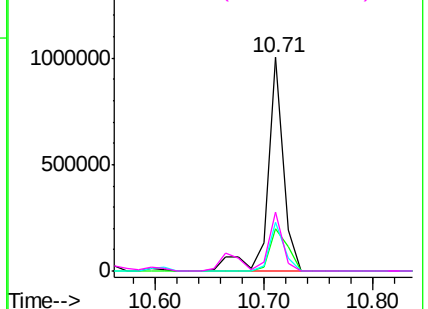


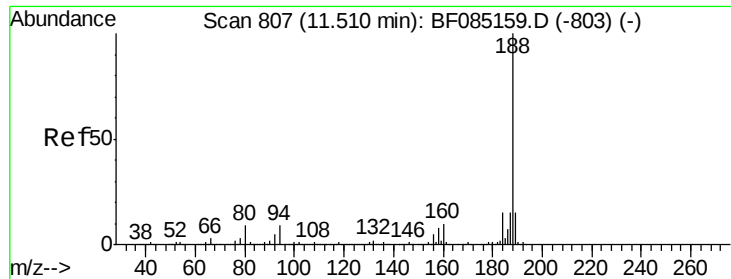
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

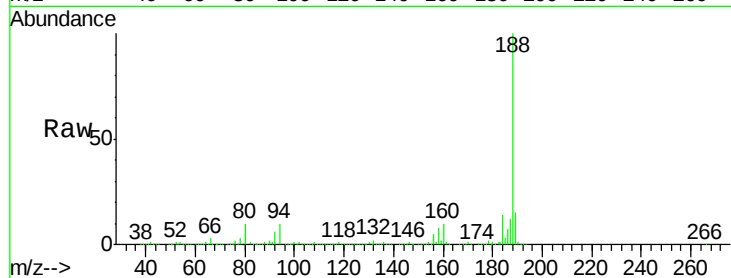




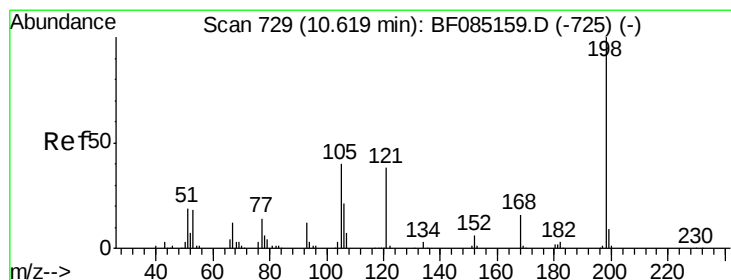
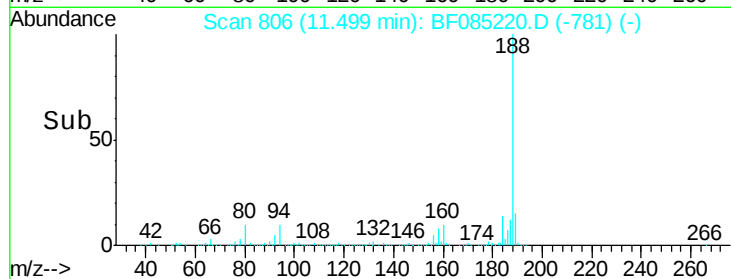
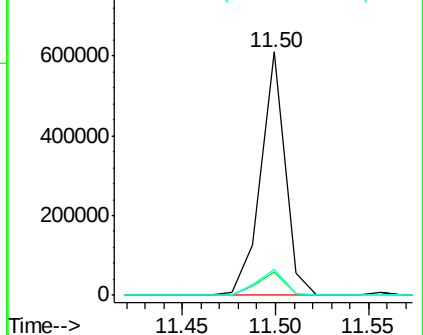
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF085220.D
Acq: 4 Mar 2016 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 546727
Ion Ratio Lower Upper
188 100
94 9.8 7.0 10.6
80 10.5 7.4 11.0

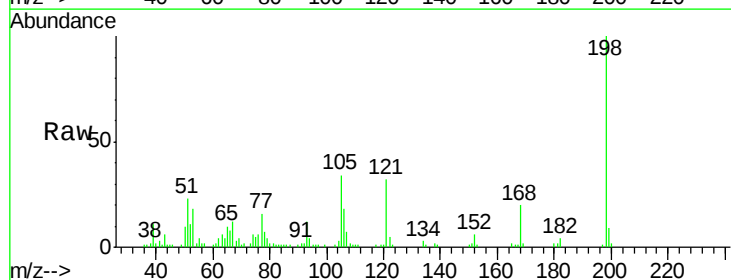


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

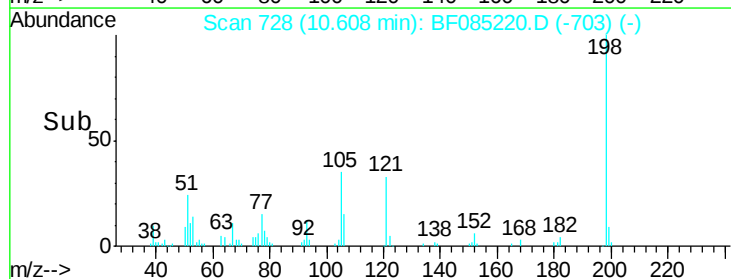
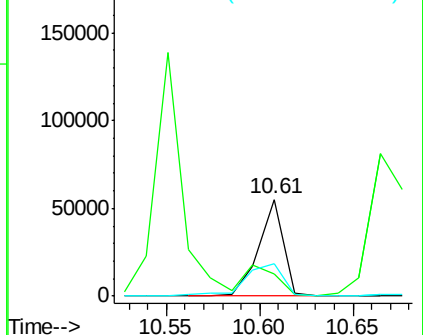


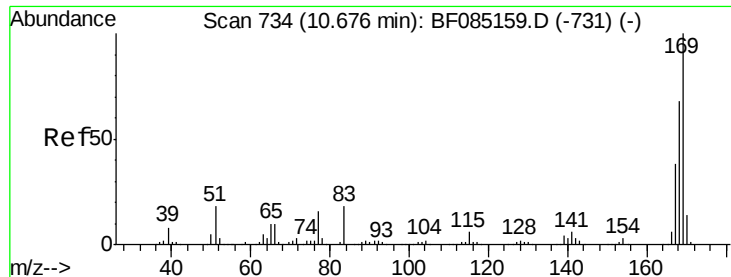
#64
4,6-Dinitro-2-methylphenol
Concen: 15.68 ng
RT: 10.61 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF085220.D
Acq: 4 Mar 2016 23:25

Tgt Ion:198 Resp: 51345
Ion Ratio Lower Upper
198 100
51 23.5 9.5 49.5
105 33.7 20.5 60.5



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

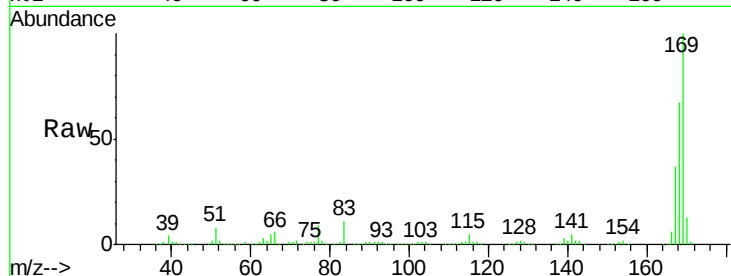




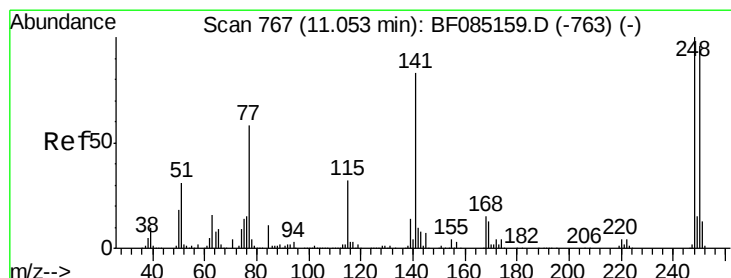
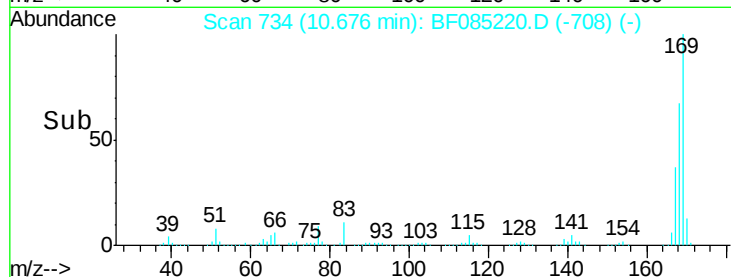
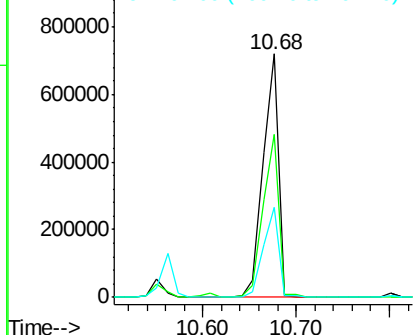
#65
 n-Nitrosodiphenylamine
 Concen: 48.92 ng
 RT: 10.68 min Scan# 734
 Delta R.T. 0.00 min
 Lab File: BF085220.D
 Acq: 4 Mar 2016 23:25

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:169 Resp: 831914
 Ion Ratio Lower Upper
 169 100
 168 66.8 54.8 82.2
 167 37.2 30.3 45.5

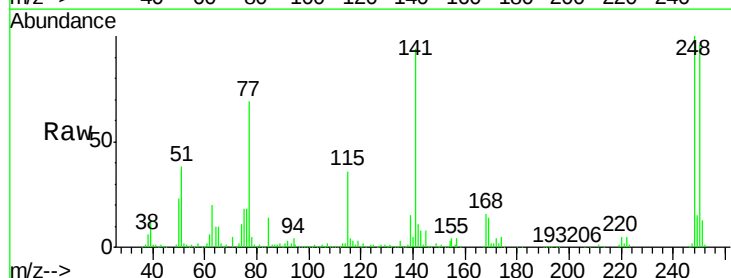


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

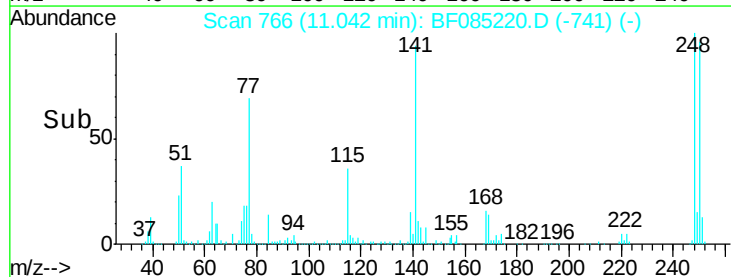
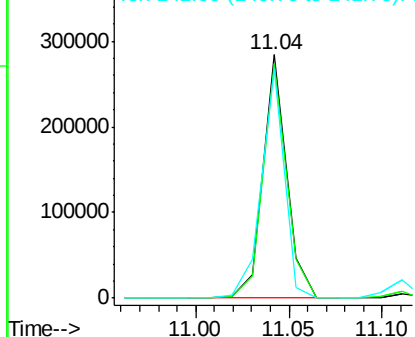


#66
 4-Bromophenyl-phenylether
 Concen: 46.58 ng
 RT: 11.04 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: BF085220.D
 Acq: 4 Mar 2016 23:25

Tgt Ion:248 Resp: 247272
 Ion Ratio Lower Upper
 248 100
 250 96.2 77.1 115.7
 141 94.3 66.2 99.2



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

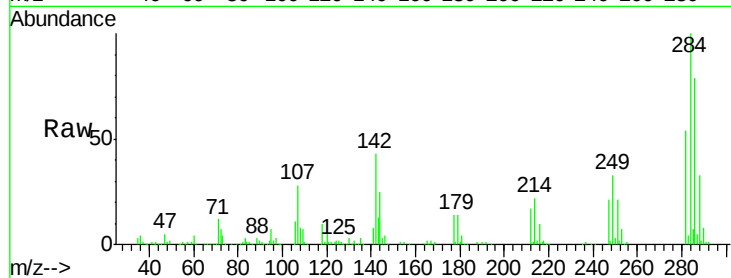




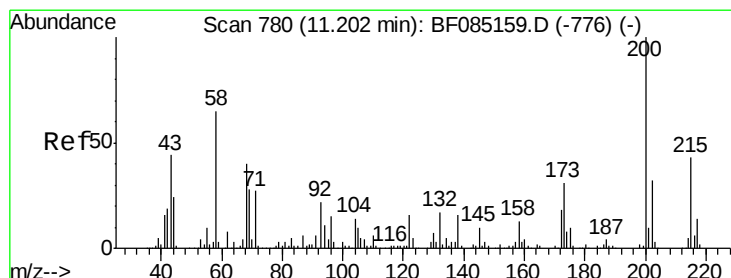
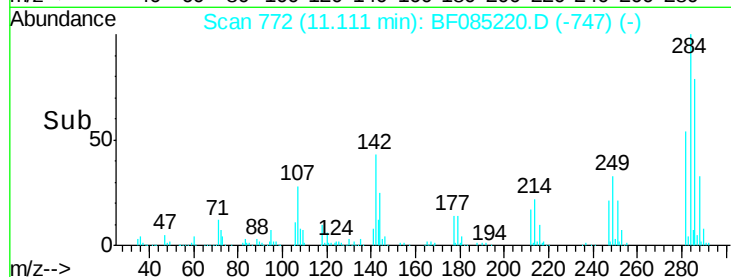
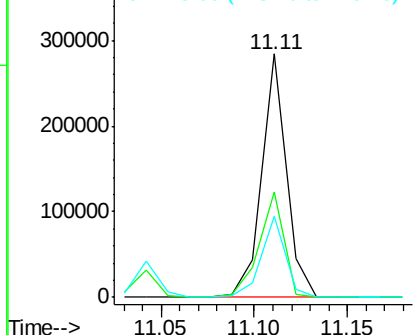
#67
Hexachlorobenzene
Concen: 45.68 ng
RT: 11.11 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF085220.D
Acq: 4 Mar 2016 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 284 Resp: 258707
Ion Ratio Lower Upper
284 100
142 43.3 24.9 37.3#
249 33.4 25.0 37.4

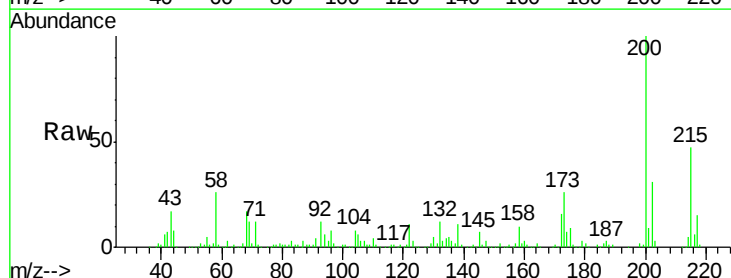


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

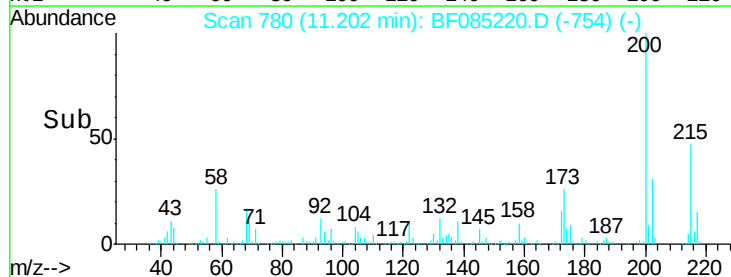
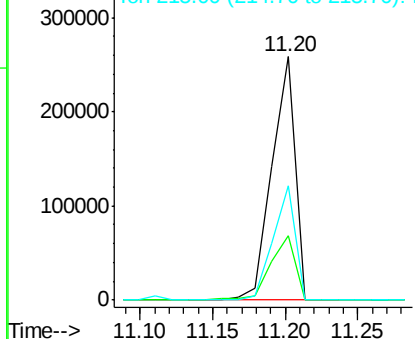


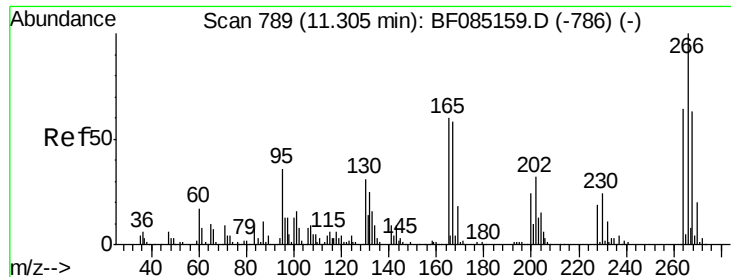
#68
Atrazine
Concen: 60.36 ng
RT: 11.20 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF085220.D
Acq: 4 Mar 2016 23:25

Tgt Ion: 200 Resp: 285477
Ion Ratio Lower Upper
200 100
173 26.4 10.5 50.5
215 46.8 23.4 63.4



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

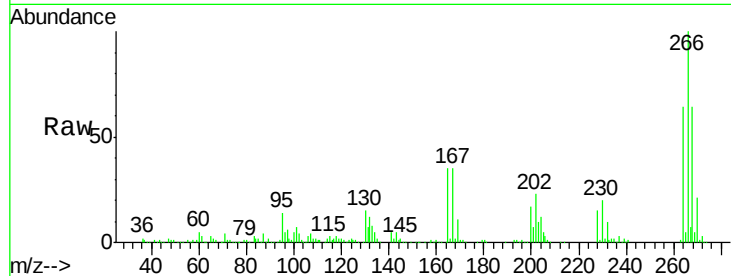




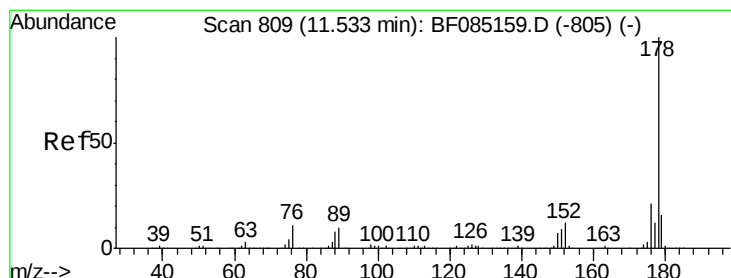
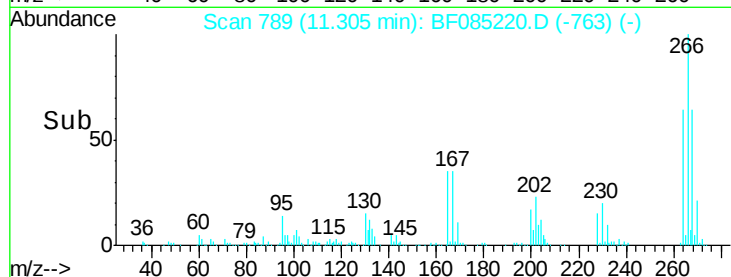
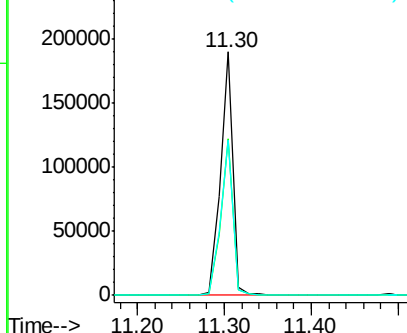
#69
 Pentachlorophenol
 Concen: 61.67 ng
 RT: 11.30 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF085220.D
 Acq: 4 Mar 2016 23:25

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion:266 Resp: 193860
 Ion Ratio Lower Upper
 266 100
 268 64.2 50.0 75.0
 264 63.6 51.4 77.2

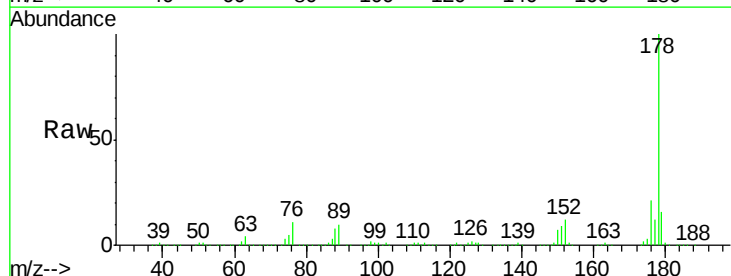


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

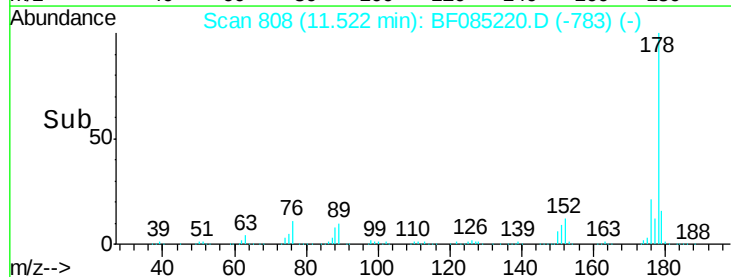
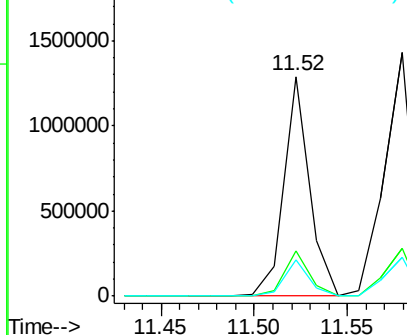


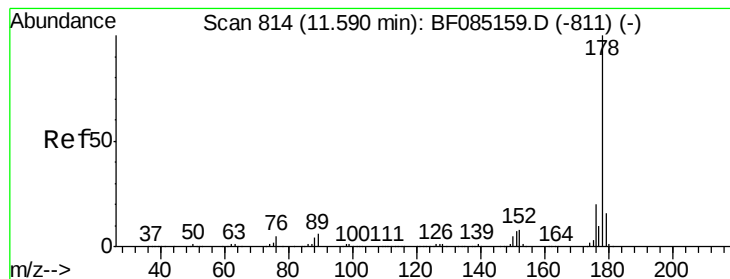
#70
 Phenanthrene
 Concen: 43.34 ng
 RT: 11.52 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF085220.D
 Acq: 4 Mar 2016 23:25

Tgt Ion:178 Resp: 1241697
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.8 25.2
 179 16.3 13.1 19.7



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





#71

Anthracene

Concen: 46.64 ng

RT: 11.58 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

Instrument :

BNA_F

ClientSampleId :

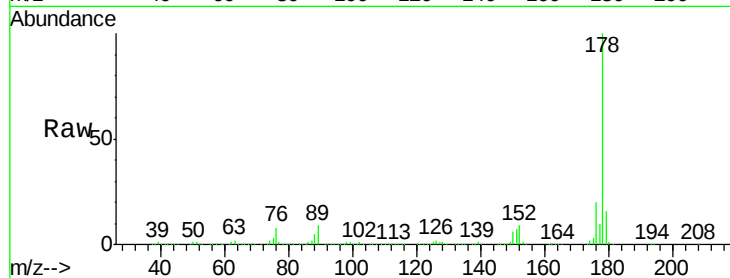
Tgt Ion:178 Resp: 1418752

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

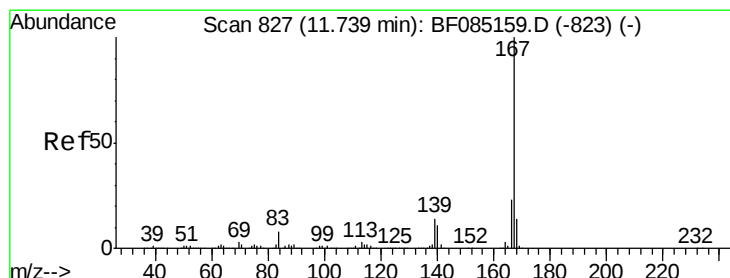
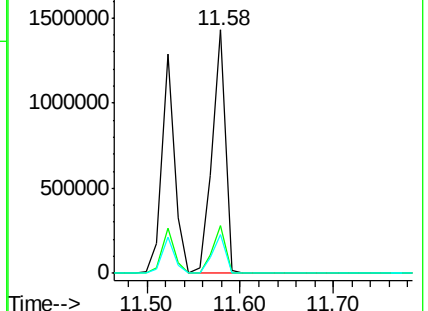
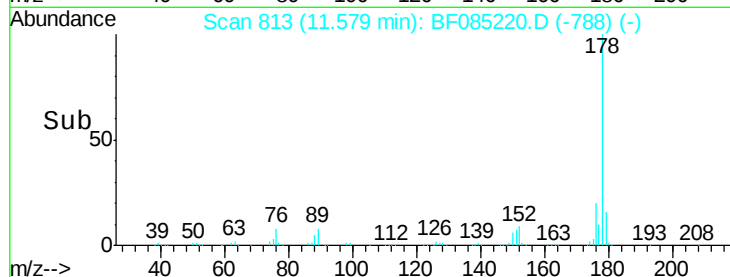
179 15.7 12.5 18.7



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: 42.91 ng

RT: 11.73 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

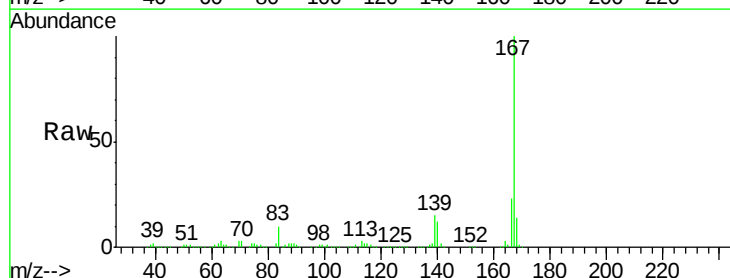
Tgt Ion:167 Resp: 1144485

Ion Ratio Lower Upper

167 100

166 22.6 18.2 27.2

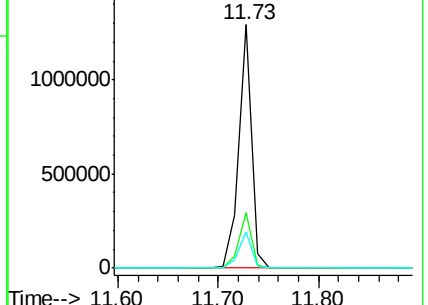
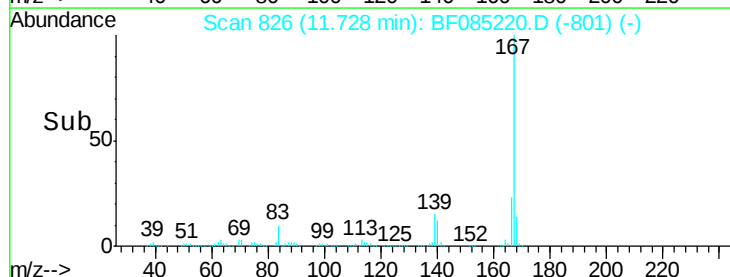
139 15.0 11.4 17.0

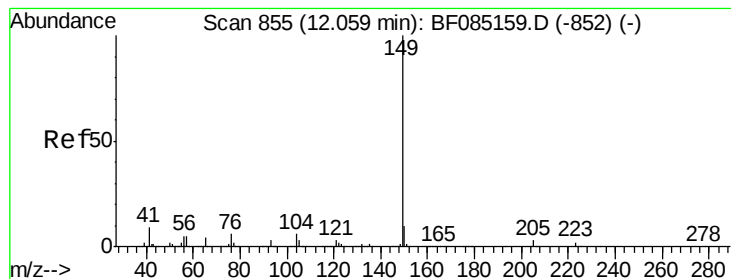


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 46.44 ng

RT: 12.06 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

Instrument :

BNA_F

ClientSampleId :

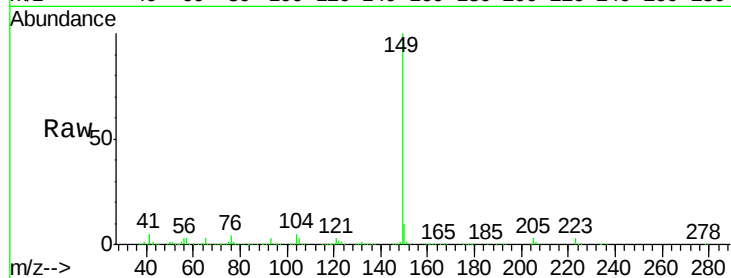
Tgt Ion:149 Resp: 1565861

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

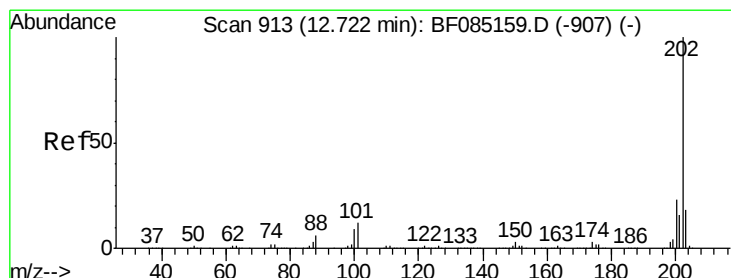
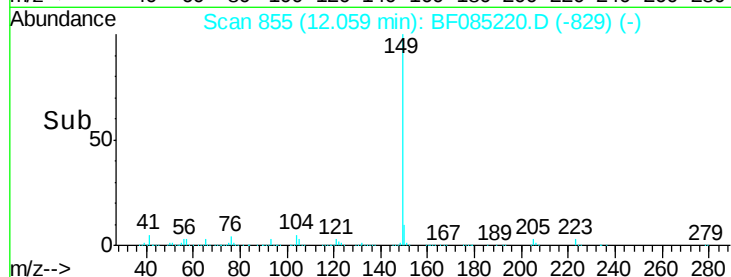
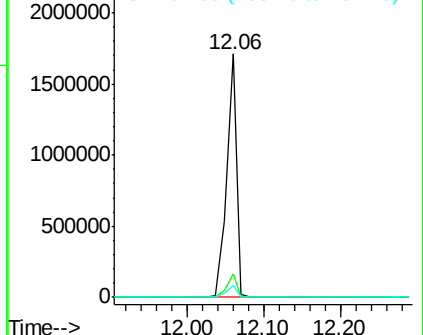
104 4.7 4.7 7.1



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: 43.95 ng

RT: 12.71 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

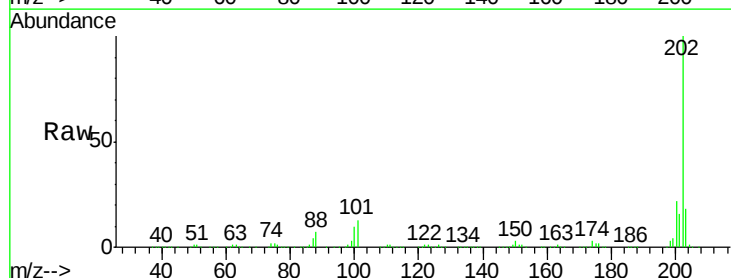
Tgt Ion:202 Resp: 1263647

Ion Ratio Lower Upper

202 100

101 13.5 0.0 31.8

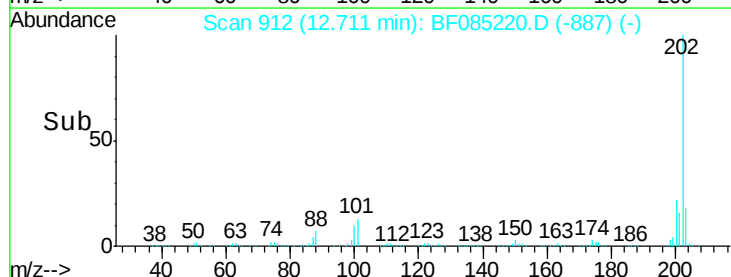
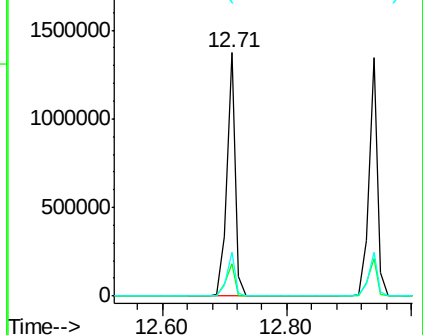
203 18.3 0.0 38.4

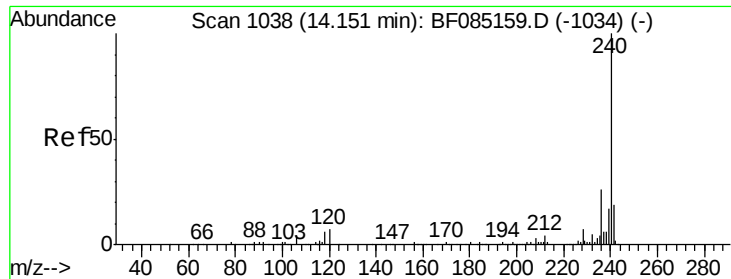


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.14 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

Instrument :

BNA_F

ClientSampled :

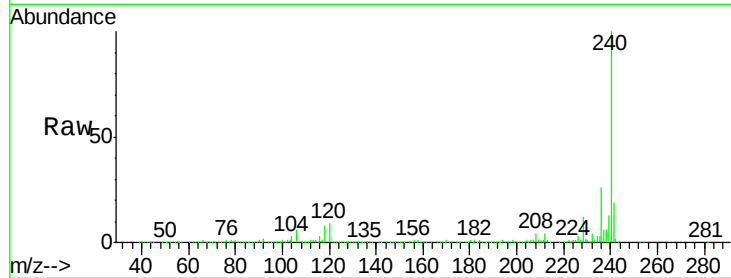
Tgt Ion:240 Resp: 373680

Ion Ratio Lower Upper

240 100

120 8.9 5.3 7.9#

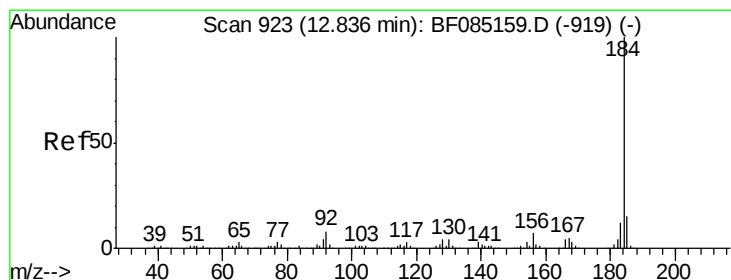
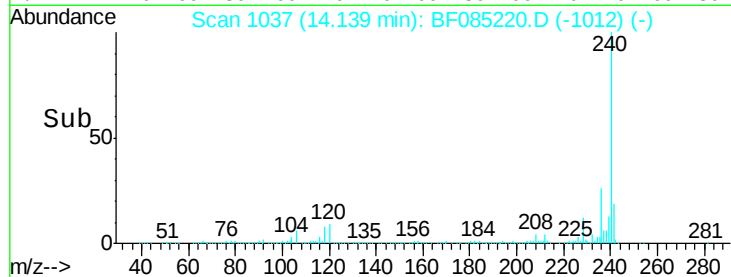
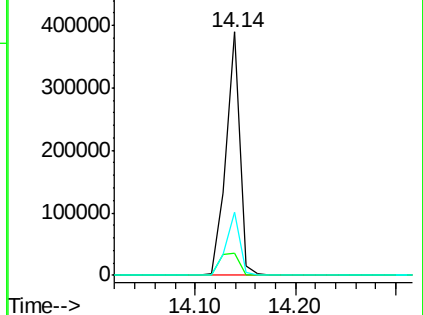
236 26.0 20.7 31.1



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: 26.81 ng

RT: 12.83 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

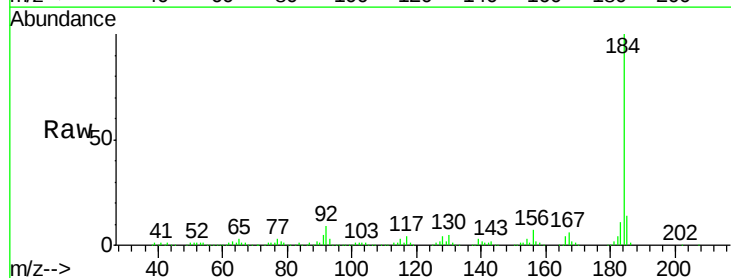
Tgt Ion:184 Resp: 298146

Ion Ratio Lower Upper

184 100

185 14.5 12.4 18.6

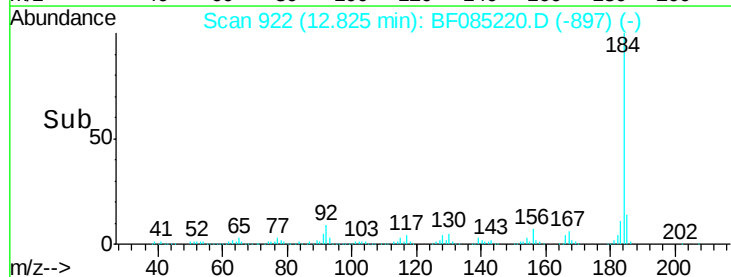
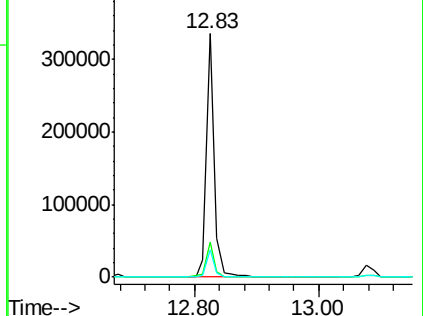
183 11.4 9.4 14.2

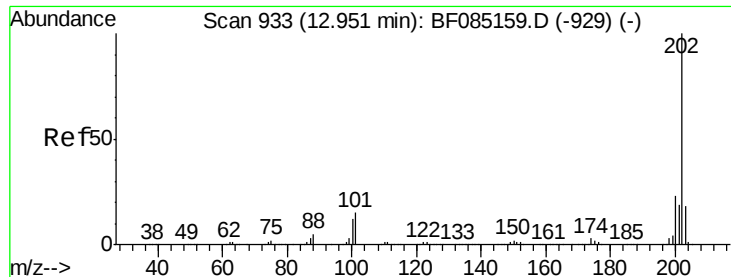


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

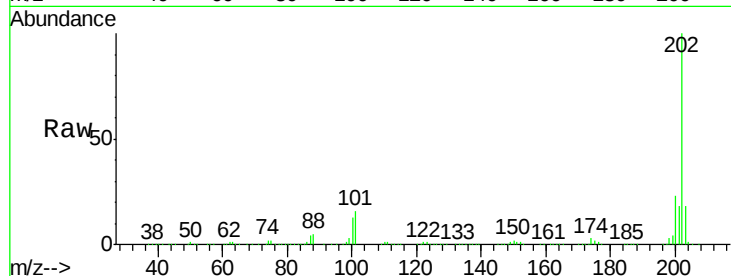




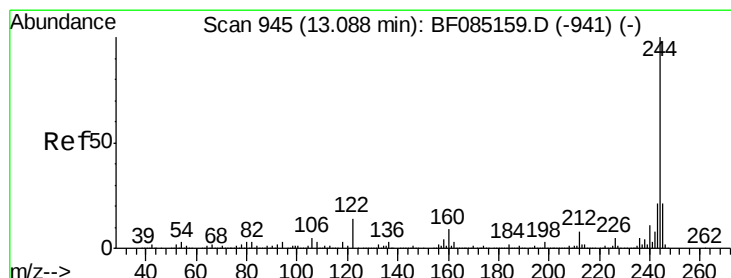
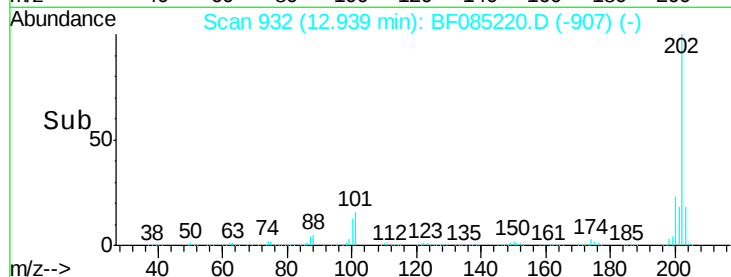
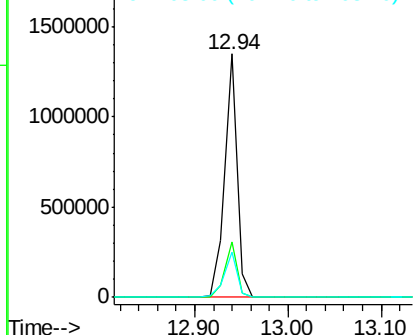
#77
 Pyrene
 Concen: 44.26 ng
 RT: 12.94 min Scan# 932
 Delta R.T. -0.01 min
 Lab File: BF085220.D
 Acq: 4 Mar 2016 23:25

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion: 202 Resp: 1244722
 Ion Ratio Lower Upper
 202 100
 200 22.7 18.2 27.4
 203 18.4 14.7 22.1

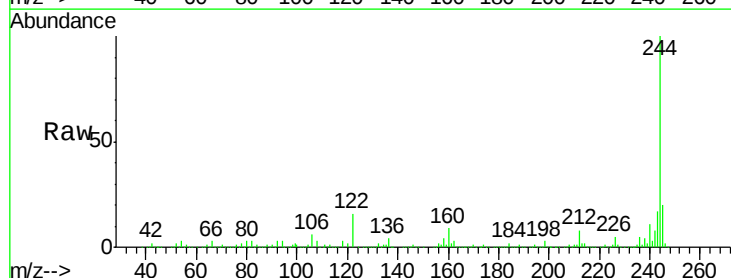


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

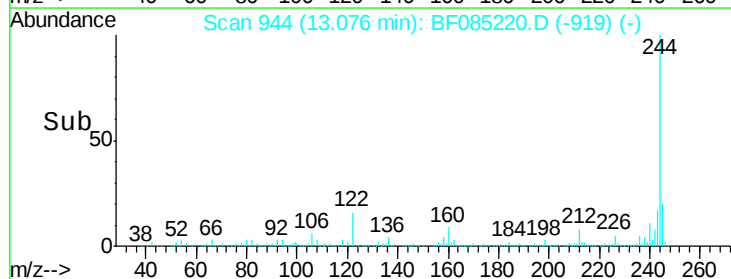
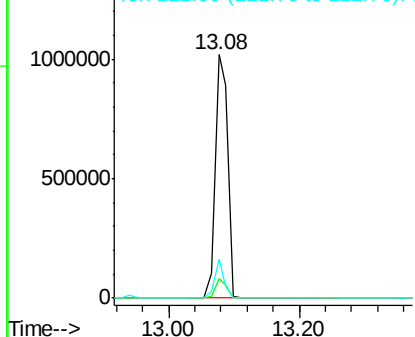


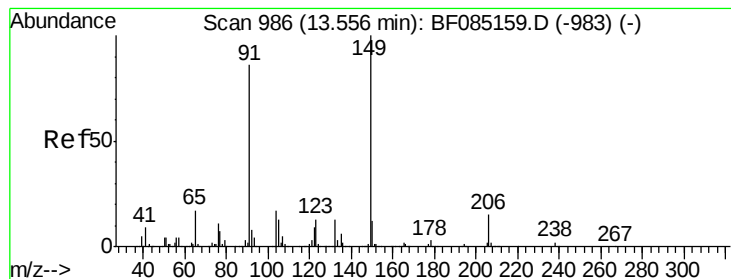
#78
 Terphenyl-d14
 Concen: 86.46 ng
 RT: 13.08 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BF085220.D
 Acq: 4 Mar 2016 23:25

Tgt Ion: 244 Resp: 1391798
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.4 9.6
 122 15.8 11.4 17.2



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





#79

Butylbenzylphthalate

Concen: 50.16 ng

RT: 13.56 min Scan# 986

Delta R.T. 0.00 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

Instrument :

BNA_F

ClientSampleId :

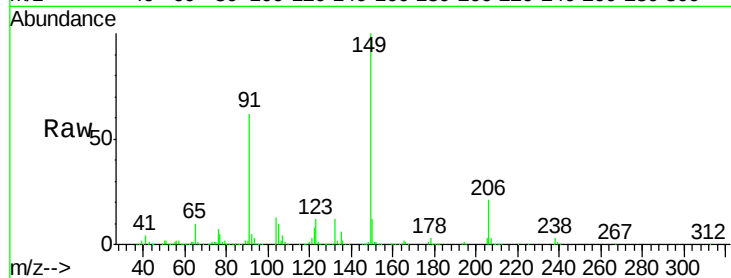
Tgt Ion:149 Resp: 640183

Ion Ratio Lower Upper

149 100

91 61.9 69.0 103.4#

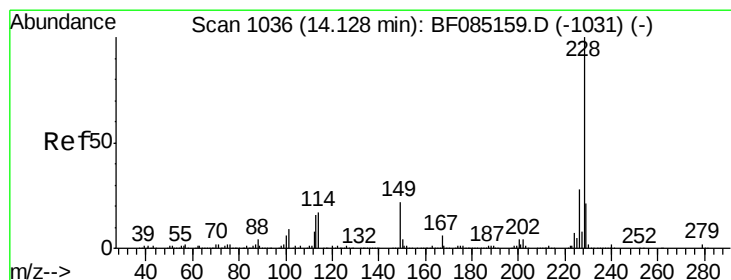
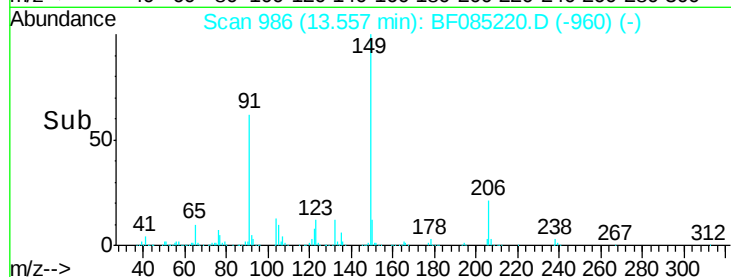
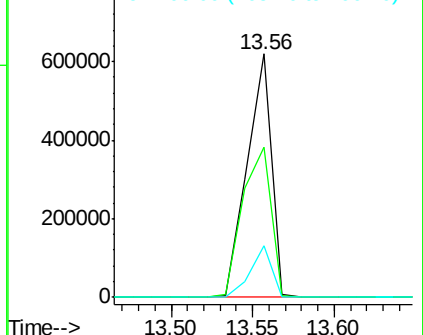
206 21.0 12.3 18.5#



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: 44.70 ng

RT: 14.13 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

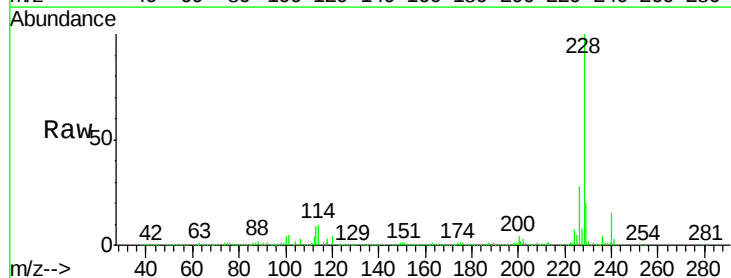
Tgt Ion:228 Resp: 999885

Ion Ratio Lower Upper

228 100

226 27.9 22.8 34.2

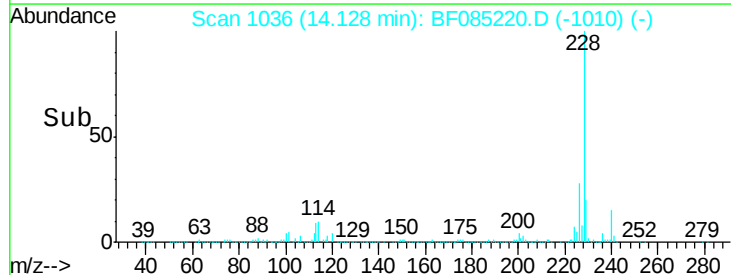
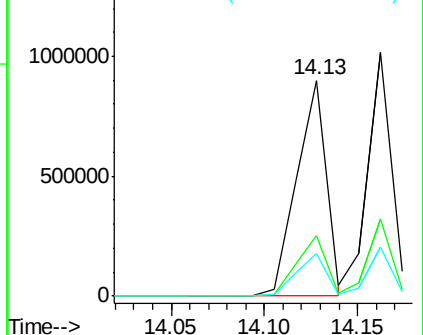
229 19.9 16.6 24.8



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

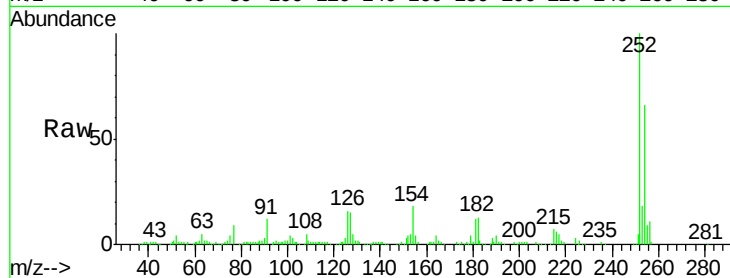




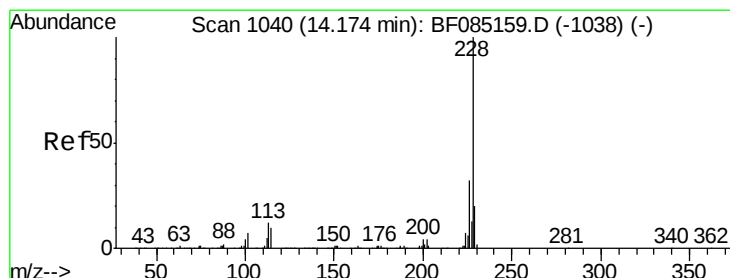
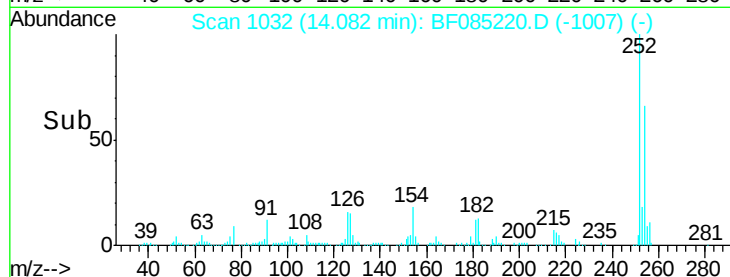
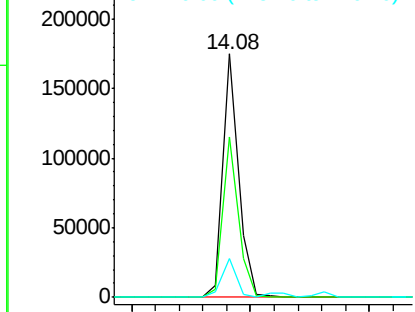
#81
 3,3'-Dichlorobenzidine
 Concen: 22.64 ng
 RT: 14.08 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF085220.D
 Acq: 4 Mar 2016 23:25

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.8	51.4	77.0
126	16.0	12.9	19.3

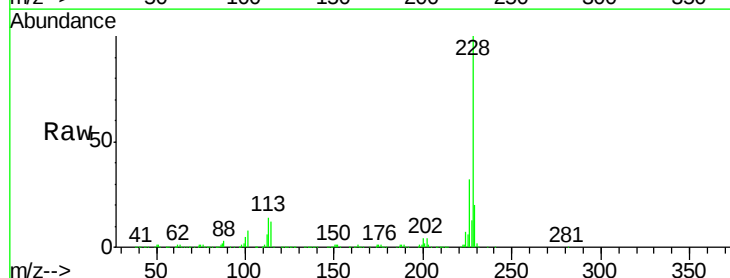


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

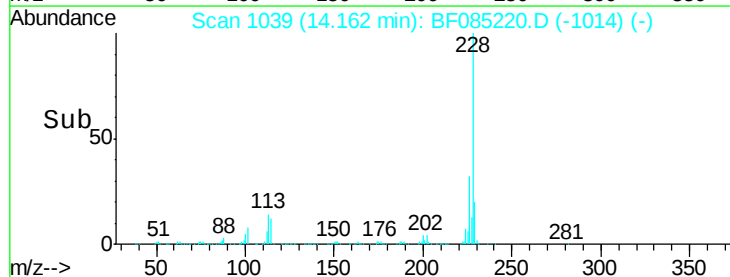
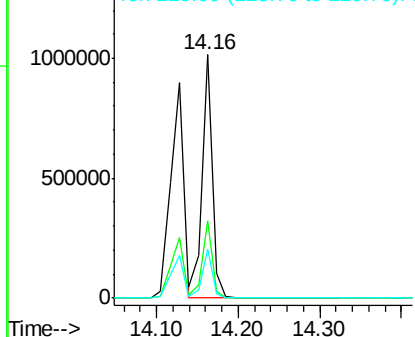


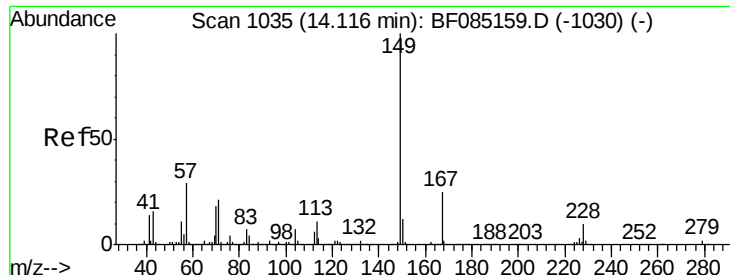
#82
 Chrysene
 Concen: 43.91 ng
 RT: 14.16 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF085220.D
 Acq: 4 Mar 2016 23:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.2	37.8
229	20.0	16.0	24.0



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.83 ng

RT: 14.11 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

Instrument :

BNA_F

ClientSampleId :

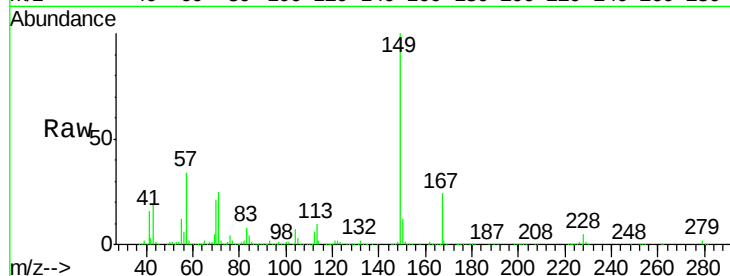
Tgt Ion:149 Resp: 786439

Ion Ratio Lower Upper

149 100

167 23.8 20.3 30.5

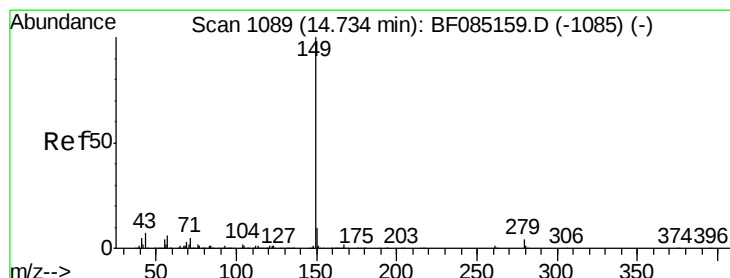
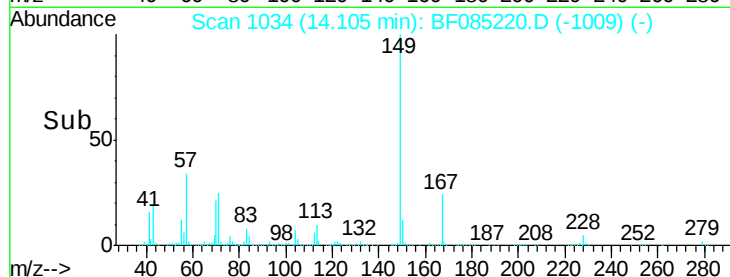
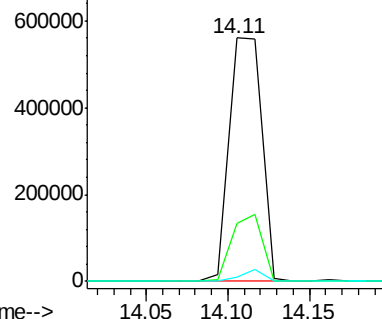
279 1.8 1.9 2.9#



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: 46.57 ng

RT: 14.72 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

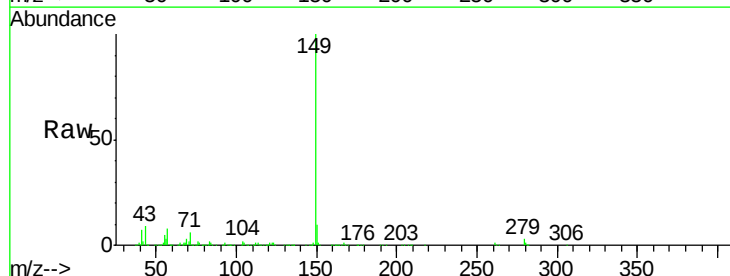
Tgt Ion:149 Resp: 1191154

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

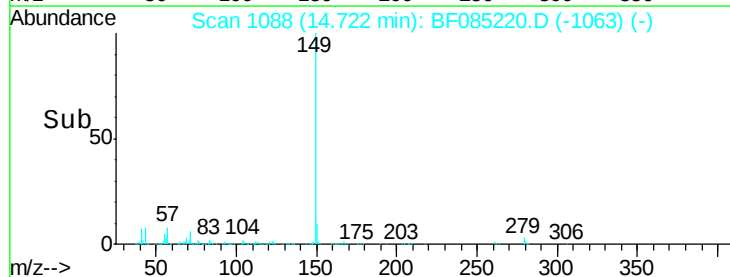
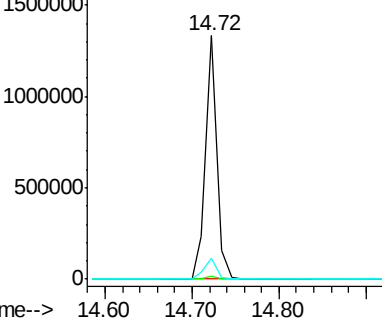
43 9.2 7.8 11.8



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

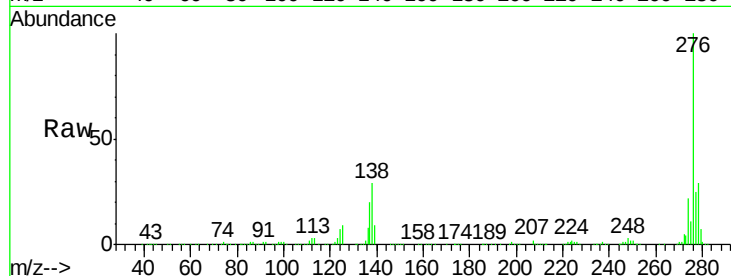




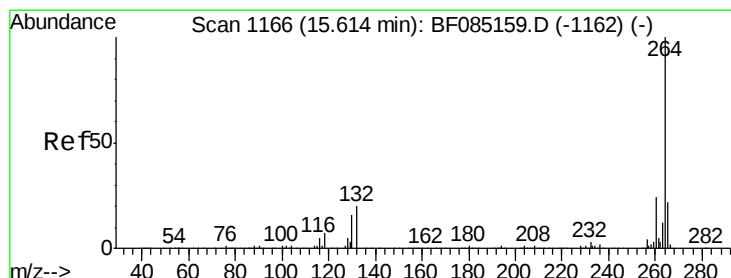
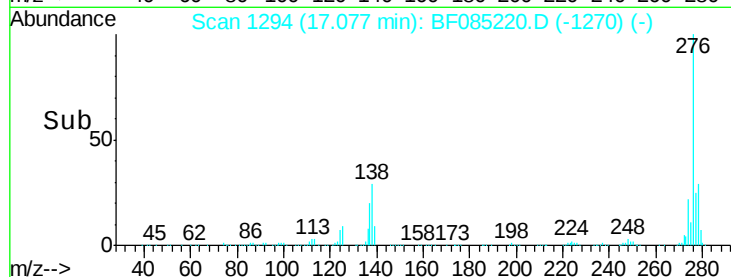
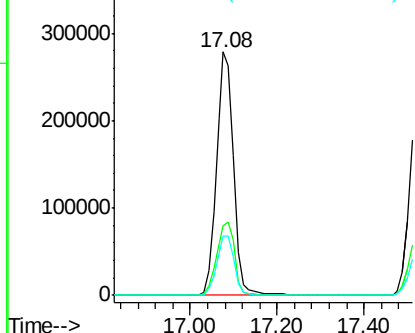
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.91 ng
 RT: 17.08 min Scan# 1294
 Delta R.T. -0.02 min
 Lab File: BF085220.D
 Acq: 4 Mar 2016 23:25

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:276 Resp: 772631
 Ion Ratio Lower Upper
 276 100
 138 32.1 26.4 39.6
 277 25.4 20.2 30.2

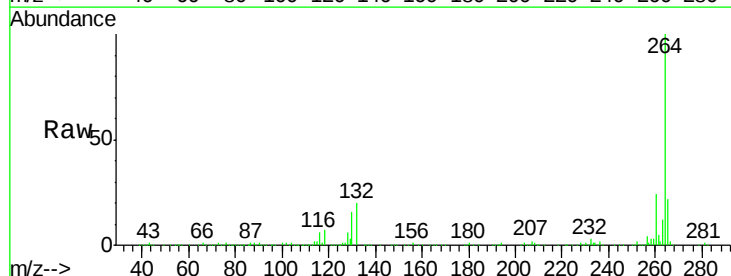


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

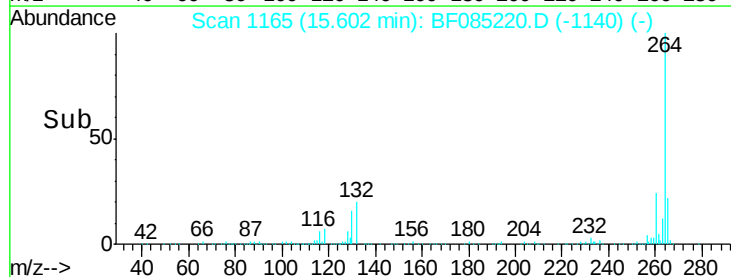
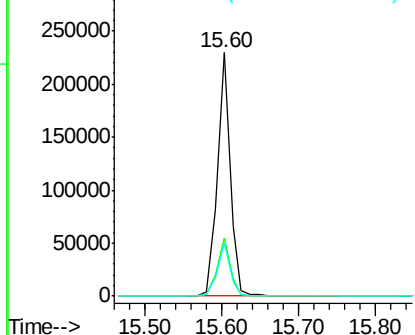


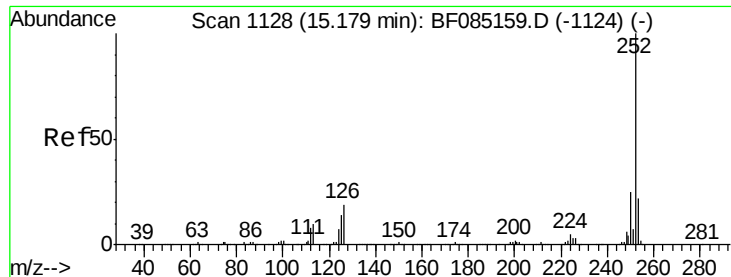
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.60 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF085220.D
 Acq: 4 Mar 2016 23:25

Tgt Ion:264 Resp: 269837
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.5 17.3 25.9



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: 48.16 ng

RT: 15.18 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

Instrument :

BNA_F

ClientSampleId :

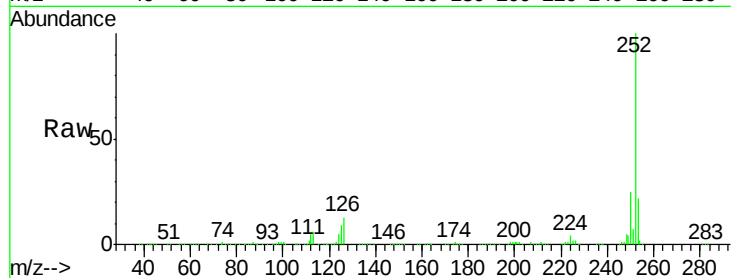
Tgt Ion:252 Resp: 866273

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

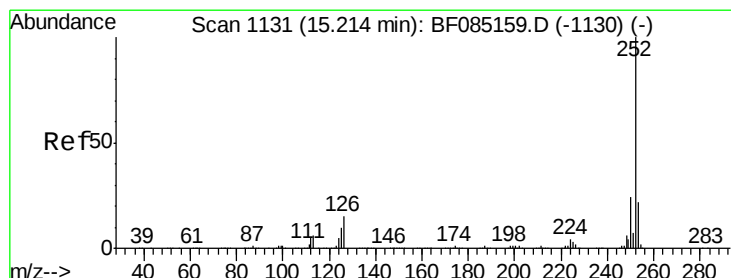
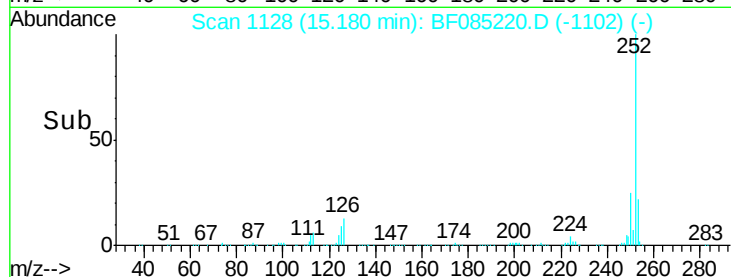
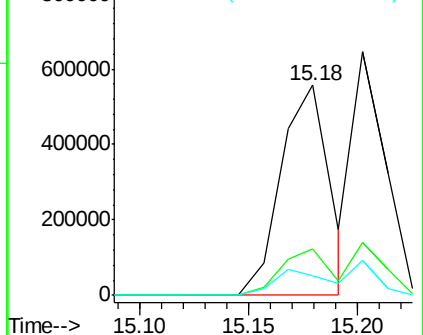
125 9.5 11.3 16.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 59.71 ng

RT: 15.18 min Scan# 1128

Delta R.T. -0.03 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

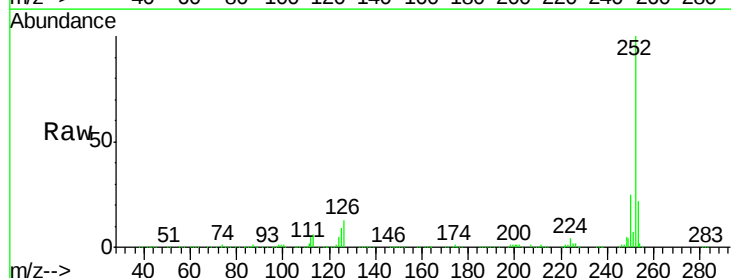
Tgt Ion:252 Resp: 866273

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

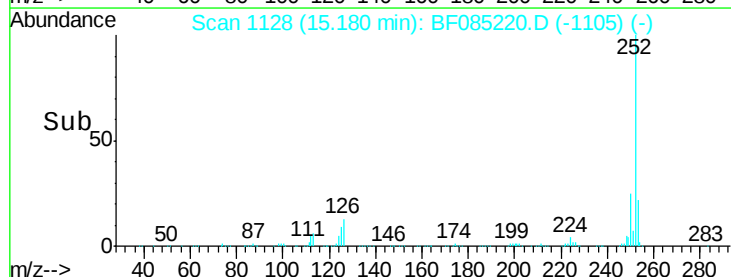
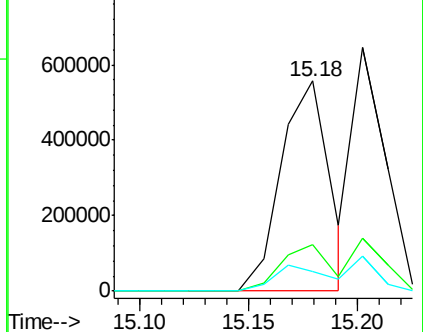
125 9.5 10.4 15.6#

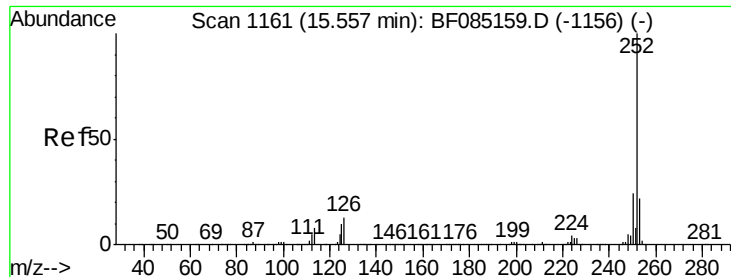


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

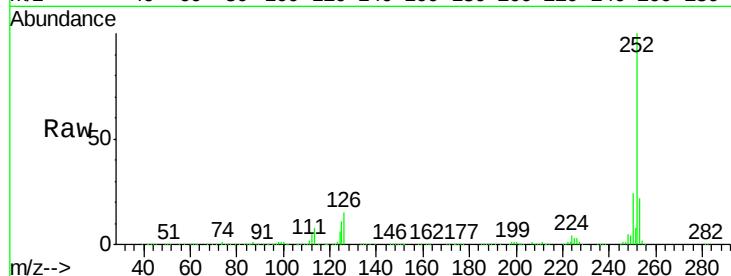




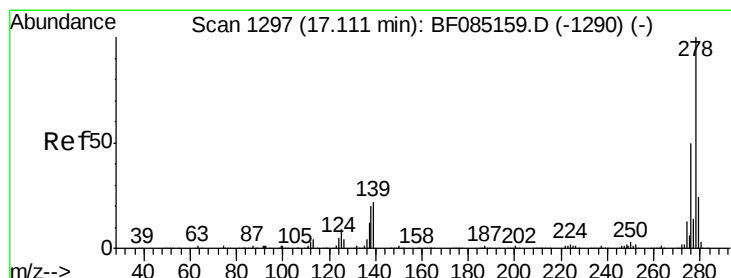
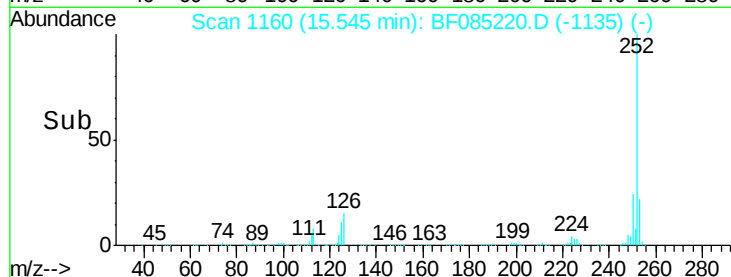
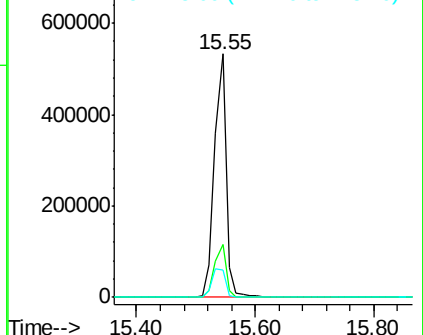
#89
Benzo(a)pyrene
Concen: 48.56 ng
RT: 15.55 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF085220.D
Acq: 4 Mar 2016 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 723752
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.0
125 11.1 8.2 12.4

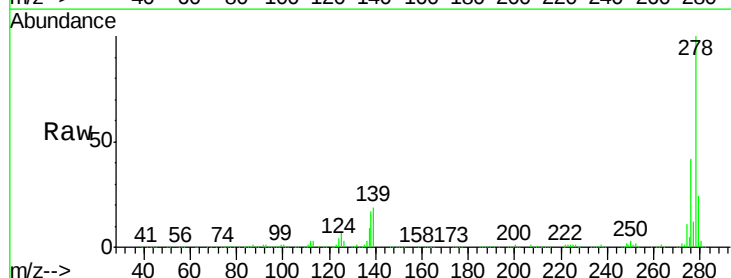


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

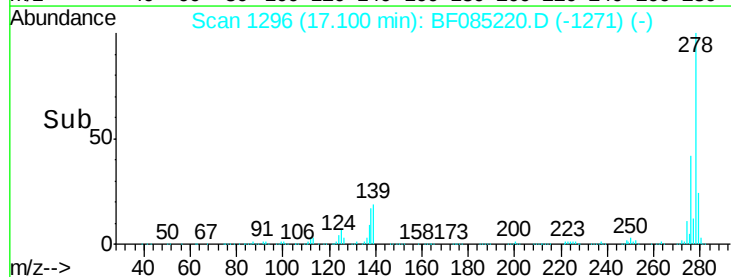
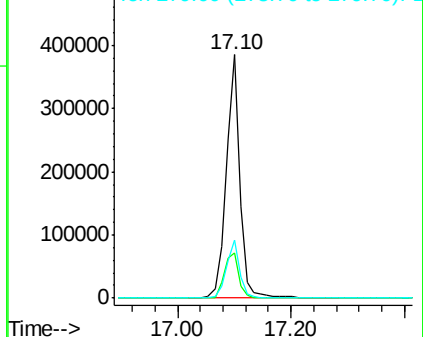


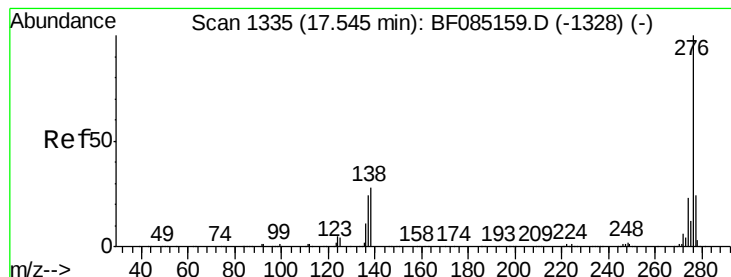
#90
Dibenzo(a,h)anthracene
Concen: 50.89 ng
RT: 17.10 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF085220.D
Acq: 4 Mar 2016 23:25

Tgt Ion:278 Resp: 647486
Ion Ratio Lower Upper
278 100
139 18.7 17.3 25.9
279 23.6 19.2 28.8



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

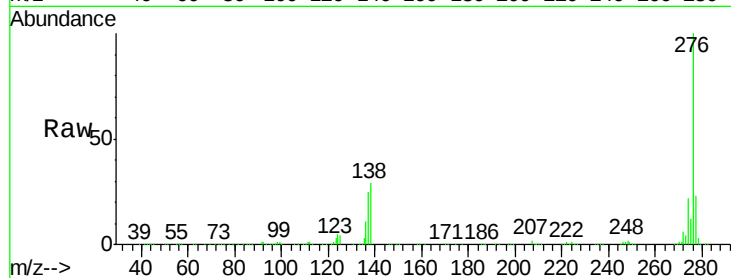




#91
 Benzo(g,h,i)perylene
 Concen: 51.54 ng
 RT: 17.52 min Scan# 1333
 Delta R.T. -0.02 min
 Lab File: BF085220.D
 Acq: 4 Mar 2016 23:25

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.0	28.4
138	29.3	22.5	33.7



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

