

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
 Data File : BF085205.D
 Acq On : 4 Mar 2016 16:26
 Operator : SJ/IZ
 Sample : PB88682BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88682BSD

Quant Time: Mar 04 21:56:04 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	165089	20.00	ng	-0.01
21) Naphthalene-d8	8.26	136	649706	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	294055	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	542244	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	392196	20.00	ng	-0.01
86) Perylene-d12	15.60	264	267020	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	922460	93.73	ng	0.01
7) Phenol-d6	6.60	99	1056190	81.91	ng	-0.01
23) Nitrobenzene-d5	7.53	82	1037826	85.48	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	228645	90.87	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	1753697	90.70	ng	-0.01
78) Terphenyl-d14	13.09	244	1595992	94.47	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.77	88	169171	33.61 ng	99
3) Pyridine	3.52	79	518204	41.14 ng	99
4) n-Nitrosodimethylamine	3.48	42	204154	37.87 ng	92
6) Aniline	6.63	93	309354	17.12 ng	100
8) 2-Chlorophenol	6.76	128	485049	40.94 ng	99
9) Benzaldehyde	6.52	77	170545	25.39 ng	99
10) Phenol	6.61	94	539634	39.07 ng	100
11) bis(2-Chloroethyl)ether	6.71	93	482886	42.10 ng	94
12) 1,3-Dichlorobenzene	6.92	146	533849	41.97 ng	99
13) 1,4-Dichlorobenzene	6.98	146	511054	40.09 ng	99
14) 1,2-Dichlorobenzene	7.14	146	489432	42.31 ng	99
15) Benzyl Alcohol	7.11	79	420169	44.39 ng	99
16) 2,2'-oxybis(1-Chloropropan	7.25	45	625306	37.82 ng	99
17) 2-Methylphenol	7.22	107	428875	44.36 ng	98
18) Hexachloroethane	7.49	117	191710	40.76 ng	96
19) n-Nitroso-di-n-propylamine	7.38	70	319363	38.00 ng	# 89
20) 3+4-Methylphenols	7.37	107	468826	40.94 ng	95
22) Acetophenone	7.38	105	636867	40.16 ng	# 98
24) Nitrobenzene	7.56	77	535272	43.40 ng	97
25) Isophorone	7.80	82	954937	42.44 ng	99
26) 2-Nitrophenol	7.88	139	278387	46.38 ng	# 92
27) 2,4-Dimethylphenol	7.91	122	503015	45.86 ng	97
28) bis(2-Chloroethoxy)methane	8.00	93	539839	43.08 ng	99
29) 2,4-Dichlorophenol	8.12	162	415021	46.91 ng	96
30) 1,2,4-Trichlorobenzene	8.20	180	406123	42.46 ng	99
31) Naphthalene	8.28	128	1361444	42.62 ng	99
32) Benzoic acid	8.01	122	215257	29.55 ng	97
33) 4-Chloroaniline	8.32	127	104949	8.12 ng	96
34) Hexachlorobutadiene	8.40	225	231185	46.45 ng	98
35) Caprolactam	8.74	113	36983	12.80 ng	94
36) 4-Chloro-3-methylphenol	8.80	107	454414	45.28 ng	96
37) 2-Methylnaphthalene	8.97	142	948244	46.25 ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	364556	43.35 ng	99
40) Hexachlorocyclopentadiene	9.13	237	430360	94.88 ng	97

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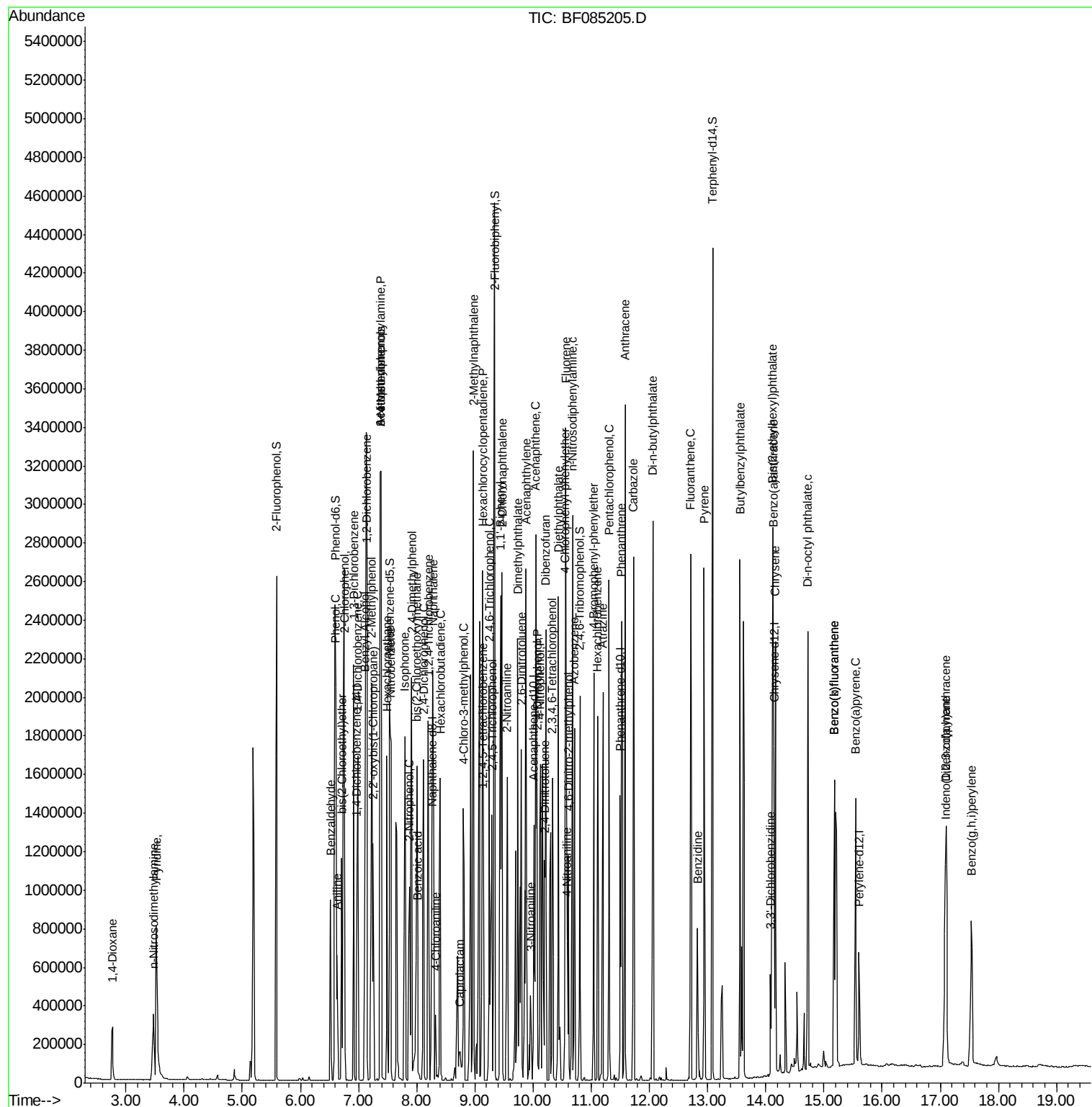
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	289091	46.18	ng	96
43) 2,4,5-Trichlorophenol	9.29	196	280659	47.28	ng #	90
45) 1,1'-Biphenyl	9.44	154	1085815	43.22	ng	94
46) 2-Chloronaphthalene	9.46	162	849190	44.34	ng	96
47) 2-Nitroaniline	9.56	65	287206	48.40	ng #	83
48) Acenaphthylene	9.88	152	1247782	41.87	ng	99
49) Dimethylphthalate	9.74	163	1010607	44.78	ng	100
50) 2,6-Dinitrotoluene	9.80	165	206255	42.72	ng	91
51) Acenaphthene	10.05	154	843481	46.61	ng	99
52) 3-Nitroaniline	9.96	138	89672	15.52	ng #	70
53) 2,4-Dinitrophenol	10.07	184	183659	75.46	ng #	53
54) Dibenzofuran	10.22	168	1086410	45.82	ng	99
55) 4-Nitrophenol	10.13	139	419527	92.41	ng	96
56) 2,4-Dinitrotoluene	10.21	165	295410	47.81	ng #	66
57) Fluorene	10.56	166	796523	42.77	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	195053	46.78	ng	98
59) Diethylphthalate	10.44	149	961370	43.89	ng	97
60) 4-Chlorophenyl-phenylether	10.55	204	389992	43.04	ng	90
61) 4-Nitroaniline	10.58	138	232972	43.12	ng	82
62) Azobenzene	10.71	77	1000994	46.39	ng	95
64) 4,6-Dinitro-2-methylphenol	10.61	198	139262	42.89	ng	74
65) n-Nitrosodiphenylamine	10.68	169	809902	48.02	ng	99
66) 4-Bromophenyl-phenylether	11.04	248	229041	43.50	ng #	84
67) Hexachlorobenzene	11.11	284	241644	43.02	ng #	77
68) Atrazine	11.20	200	276453	58.94	ng	97
69) Pentachlorophenol	11.30	266	274714	88.11	ng	99
70) Phenanthrene	11.52	178	1286941	45.29	ng	99
71) Anthracene	11.58	178	1289853	42.76	ng	99
72) Carbazole	11.73	167	1043943	39.46	ng	98
73) Di-n-butylphthalate	12.06	149	1454783	43.51	ng	99
74) Fluoranthene	12.71	202	1198988	42.04	ng	96
76) Benzidine	12.83	184	304068	26.05	ng	99
77) Pyrene	12.94	202	1228586	41.62	ng	99
79) Butylbenzylphthalate	13.56	149	598618	44.69	ng #	86
80) Benzo(a)anthracene	14.13	228	980565	41.76	ng	99
81) 3,3'-Dichlorobenzidine	14.08	252	113212	15.29	ng #	96
82) Chrysene	14.16	228	796813	36.74	ng	100
83) Bis(2-ethylhexyl)phthalate	14.12	149	751795	42.65	ng #	97
84) Di-n-octyl phthalate	14.72	149	1083254	40.35	ng	99
85) Indeno(1,2,3-cd)pyrene	17.09	276	753089	44.49	ng	99
87) Benzo(b)fluoranthene	15.18	252	748366	42.05	ng	97
88) Benzo(k)fluoranthene	15.18	252	748366	52.13	ng	99
89) Benzo(a)pyrene	15.55	252	677050	45.91	ng #	97
90) Dibenzo(a,h)anthracene	17.10	278	616050	48.93	ng	98
91) Benzo(g,h,i)perylene	17.53	276	632045	49.93	ng	97

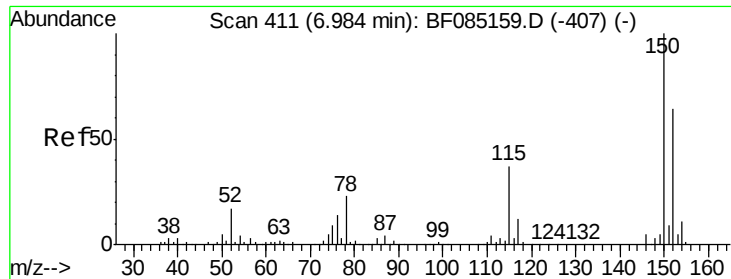
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

Instrument :

BNA_F

ClientSampleId :

PB88682BSD

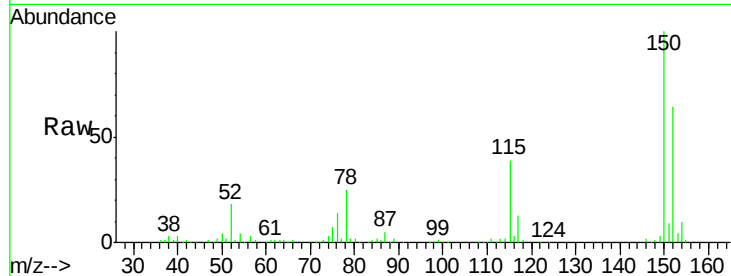
Tgt Ion:152 Resp: 165089

Ion Ratio Lower Upper

152 100

150 155.5 124.6 186.8

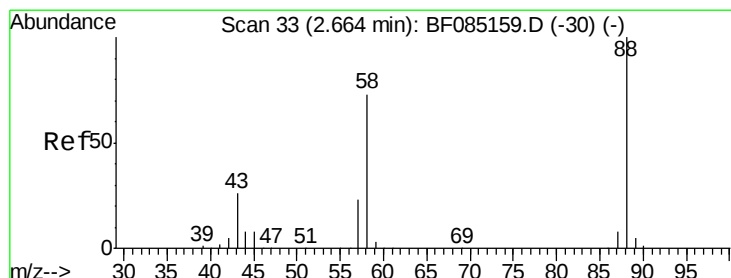
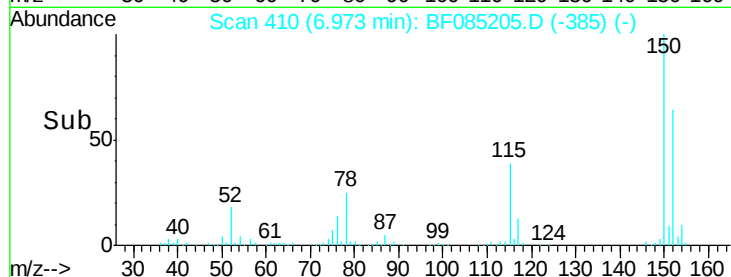
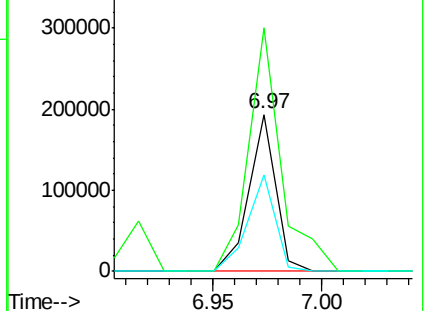
115 61.2 46.6 70.0



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: 33.61 ng

RT: 2.77 min Scan# 42

Delta R.T. 0.10 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

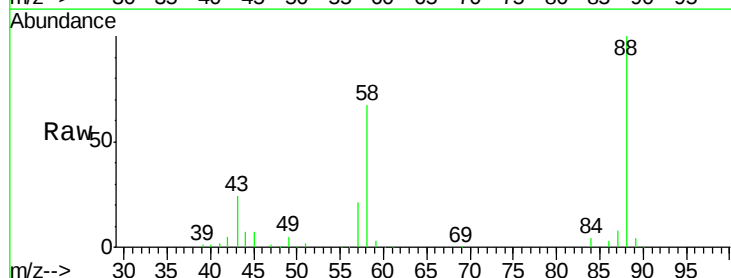
Tgt Ion: 88 Resp: 169171

Ion Ratio Lower Upper

88 100

58 70.8 57.0 85.6

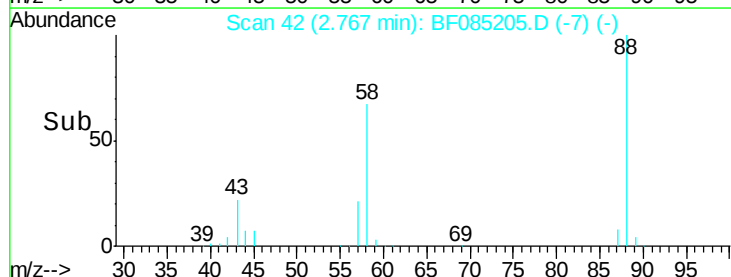
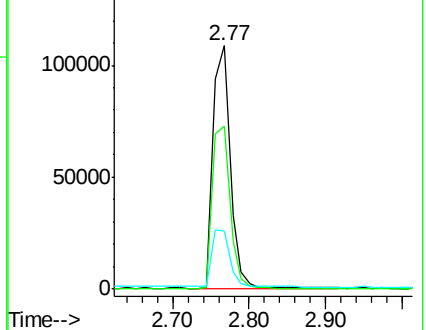
43 25.2 20.5 30.7

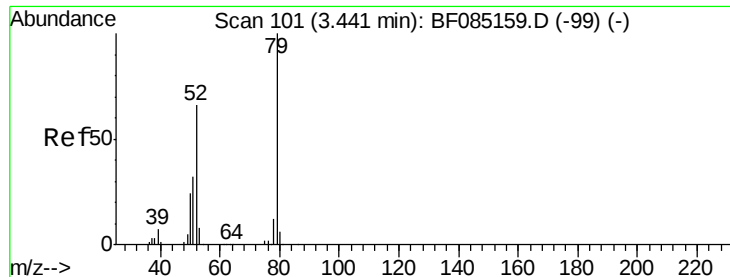


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

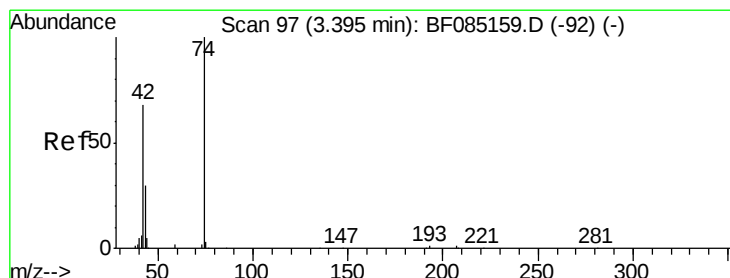
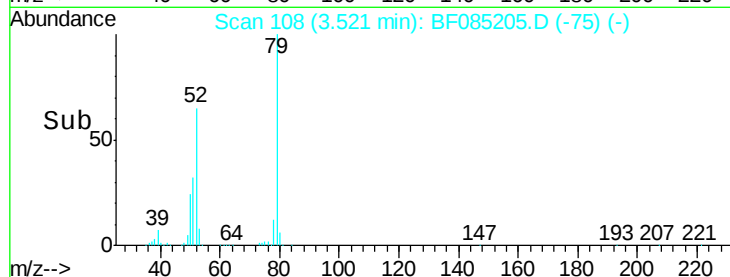
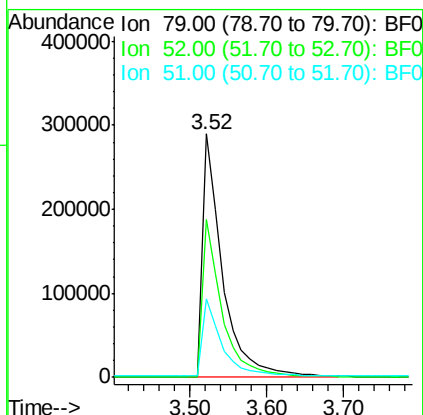
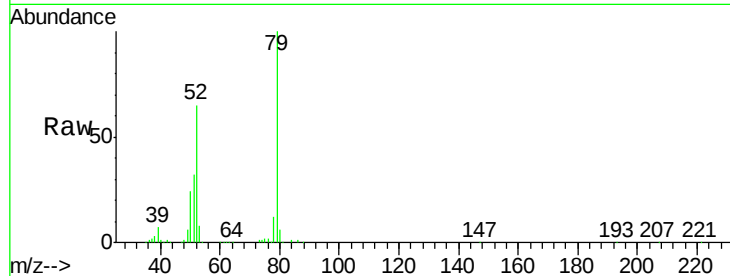




#3
 Pyridine
 Concen: 41.14 ng
 RT: 3.52 min Scan# 108
 Delta R.T. 0.08 min
 Lab File: BF085205.D
 Acq: 4 Mar 2016 16:26

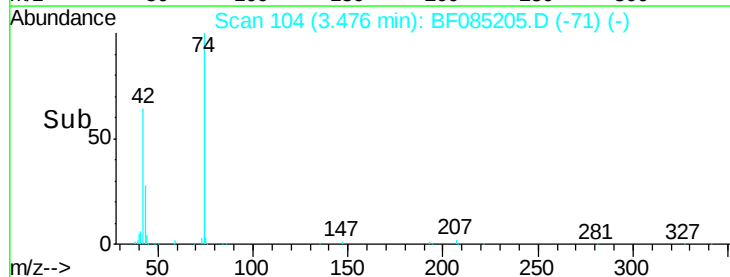
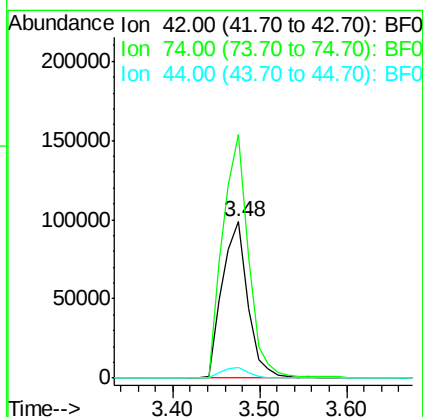
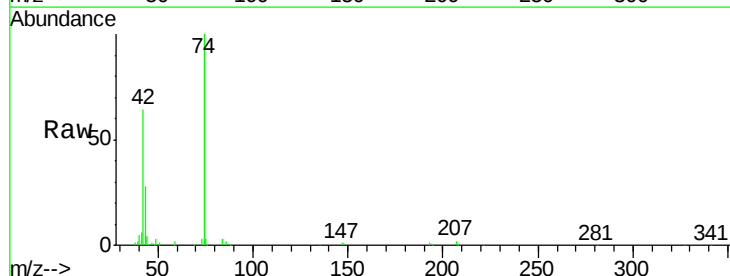
Instrument :
 BNA_F
 ClientSampleId :
 PB88682BSD

Tgt Ion: 79 Resp: 518204
 Ion Ratio Lower Upper
 79 100
 52 65.1 52.6 79.0
 51 32.3 25.8 38.8



#4
 n-Nitrosodimethylamine
 Concen: 37.87 ng
 RT: 3.48 min Scan# 104
 Delta R.T. 0.08 min
 Lab File: BF085205.D
 Acq: 4 Mar 2016 16:26

Tgt Ion: 42 Resp: 204154
 Ion Ratio Lower Upper
 42 100
 74 155.9 116.8 175.2
 44 6.8 5.5 8.3





#5

2-Fluorophenol

Concen: 93.73 ng

RT: 5.59 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

Instrument :

BNA_F

ClientSampled :

PB88682BSD

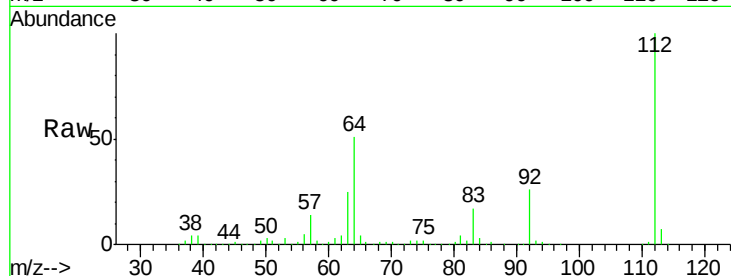
Tgt Ion: 112 Resp: 922460

Ion Ratio Lower Upper

112 100

64 50.5 49.0 73.4

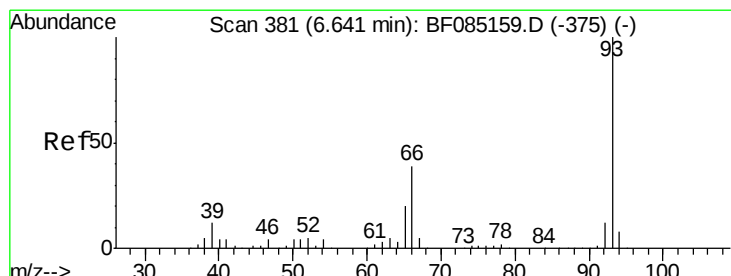
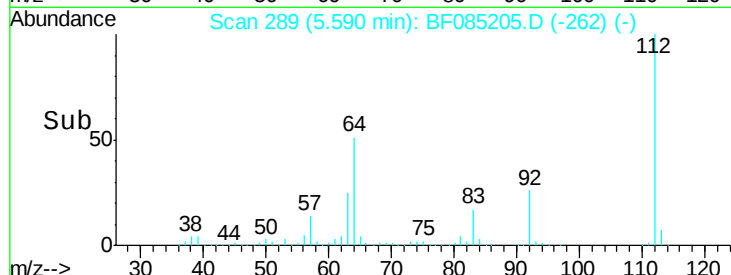
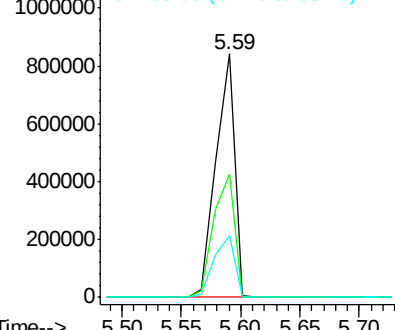
63 25.4 24.8 37.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 17.12 ng

RT: 6.63 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

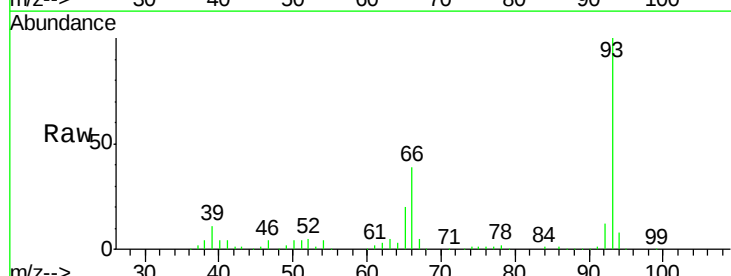
Tgt Ion: 93 Resp: 309354

Ion Ratio Lower Upper

93 100

66 39.3 31.6 47.4

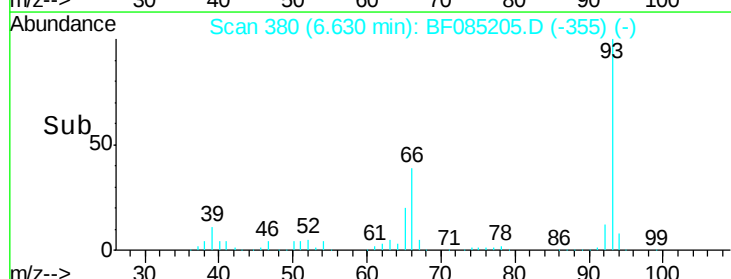
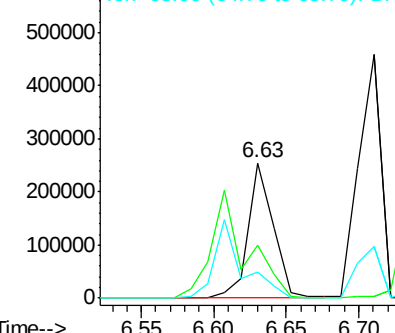
65 19.6 15.8 23.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 81.91 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

Instrument :

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ClientSampled :

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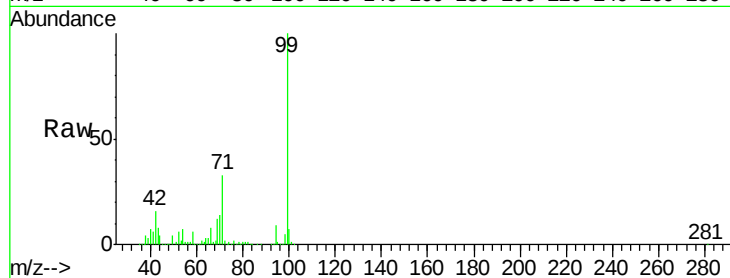
Tgt Ion: 99 Resp: 1056190

Ion Ratio Lower Upper

99 100

42 16.1 13.6 20.4

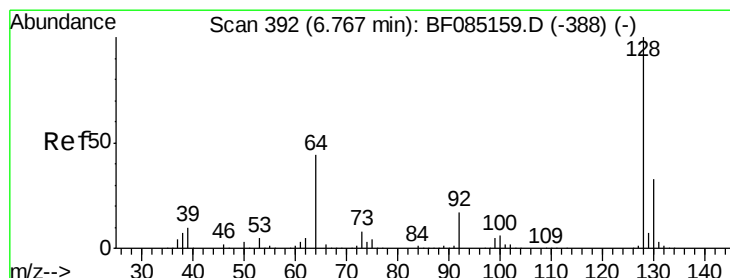
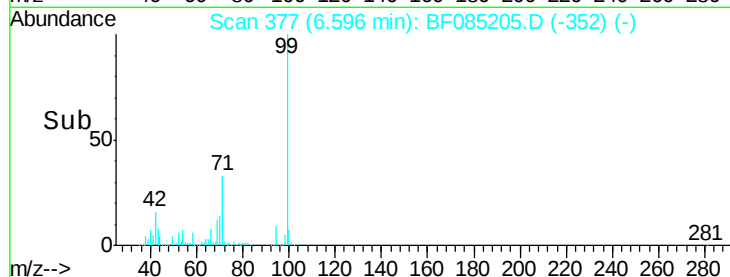
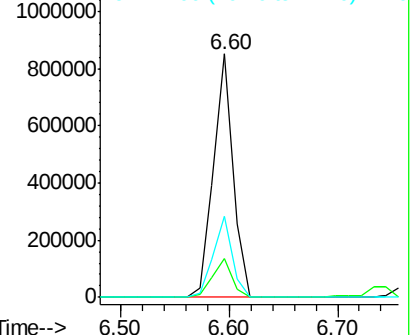
71 33.5 26.7 40.1



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: 40.94 ng

RT: 6.76 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

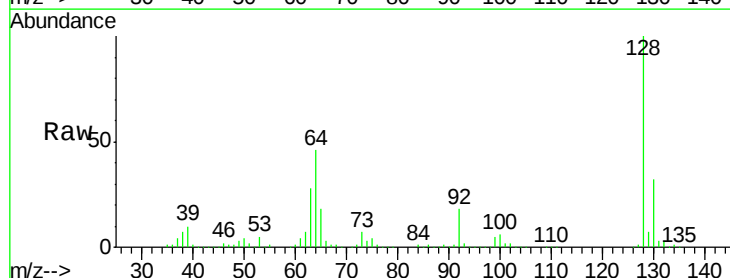
Tgt Ion: 128 Resp: 485049

Ion Ratio Lower Upper

128 100

130 32.1 13.3 53.3

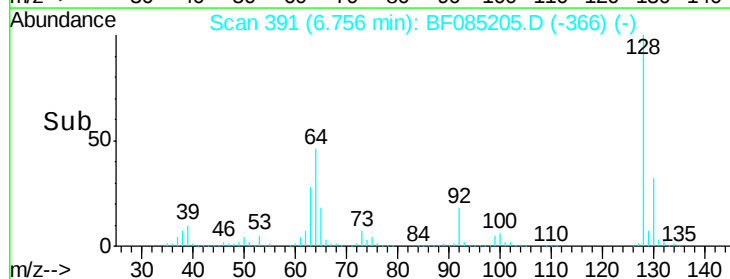
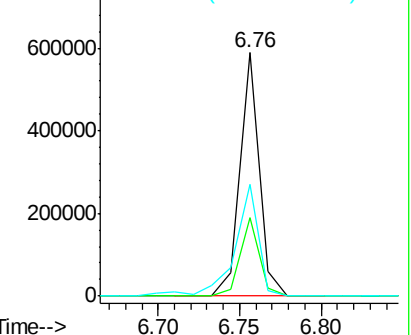
64 46.1 25.7 65.7

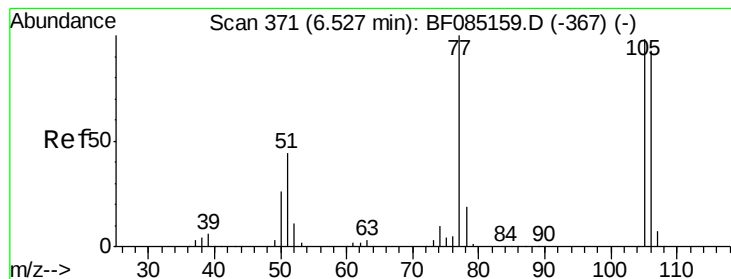


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 25.39 ng

RT: 6.52 min Scan# 370

Delta R.T. -0.01 min

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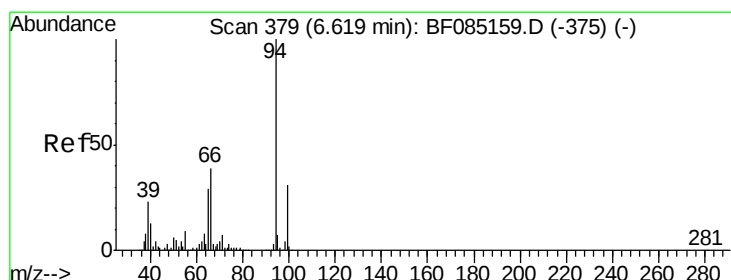
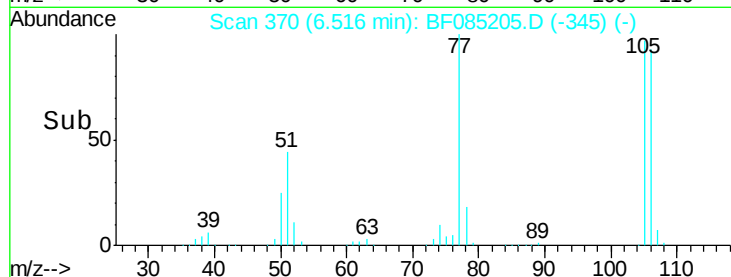
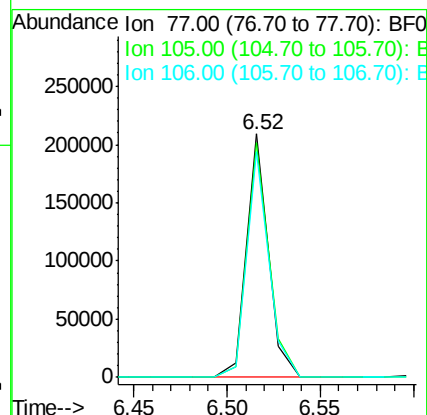
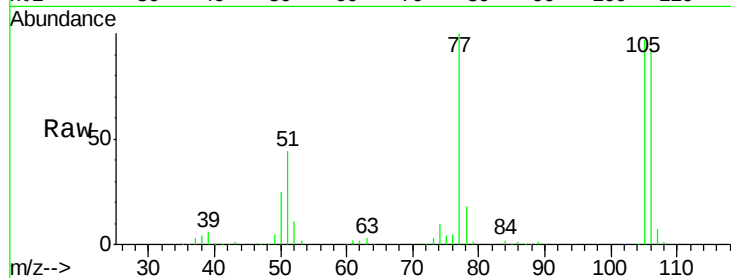
Tgt Ion: 77 Resp: 170545

Ion Ratio Lower Upper

77 100

105 96.5 78.2 118.2

106 92.5 72.9 112.9



#10

Phenol

Concen: 39.07 ng

RT: 6.61 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

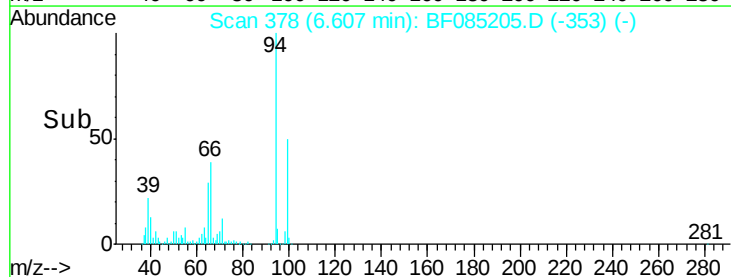
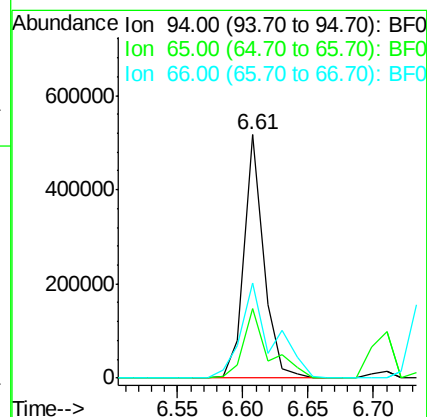
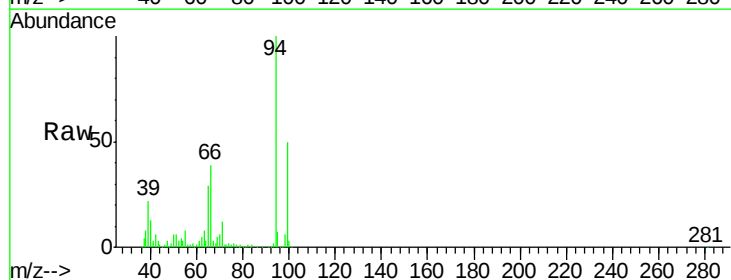
Tgt Ion: 94 Resp: 539634

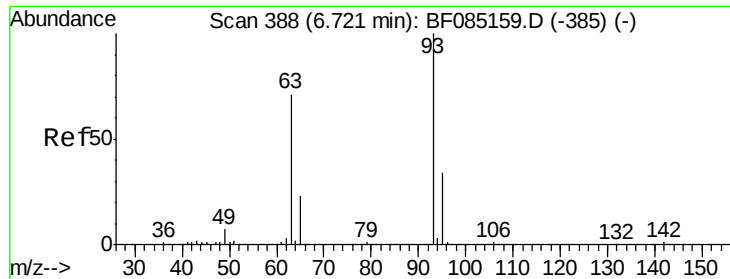
Ion Ratio Lower Upper

94 100

65 28.8 9.1 49.1

66 39.3 19.3 59.3

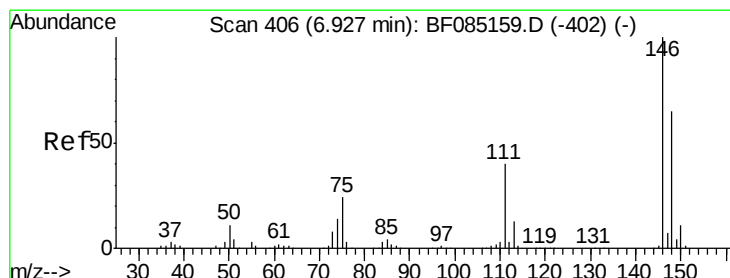
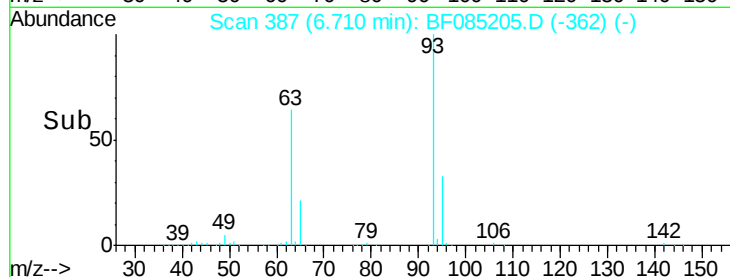
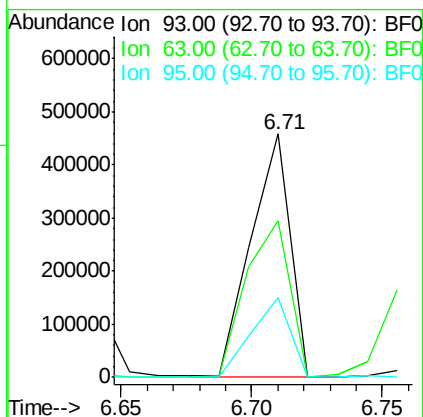
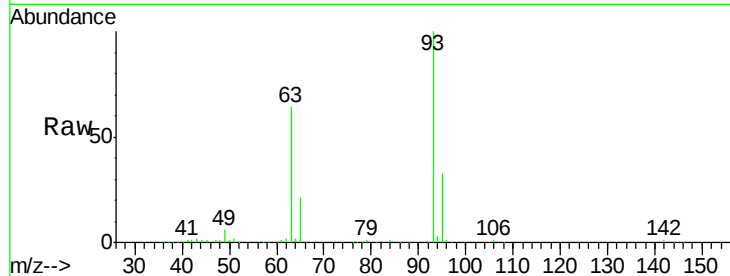




#11
bis(2-Chloroethyl)ether
Concen: 42.10 ng
RT: 6.71 min Scan# 387
Delta R.T. -0.01 min
Lab File: BF085205.D
Acq: 4 Mar 2016 16:26

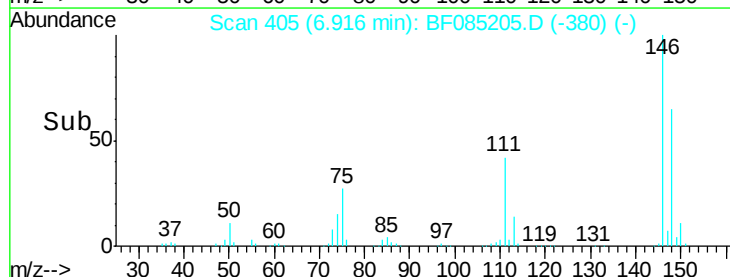
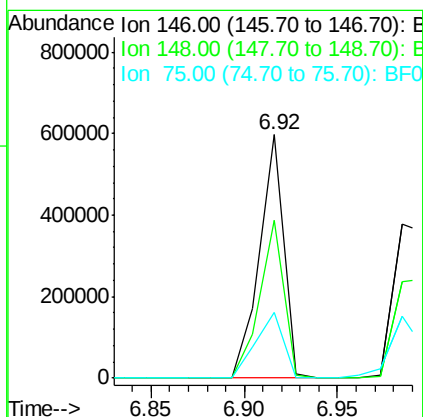
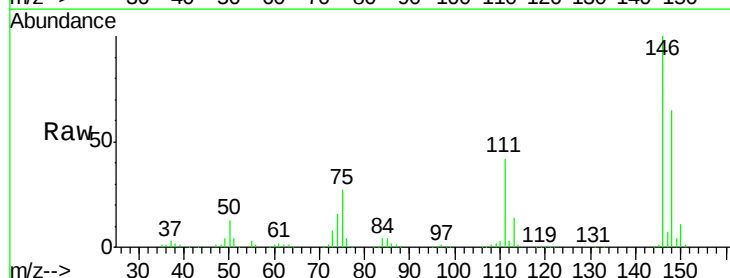
Instrument :
BNA_F
ClientSampleId :
PB88682BSD

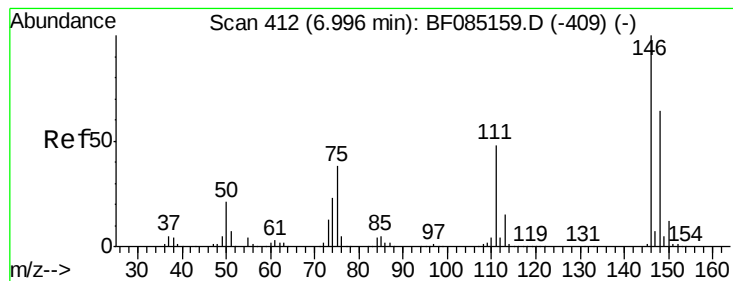
Tgt Ion: 93 Resp: 482886
Ion Ratio Lower Upper
93 100
63 64.5 50.9 90.9
95 33.0 13.7 53.7



#12
1,3-Dichlorobenzene
Concen: 41.97 ng
RT: 6.92 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF085205.D
Acq: 4 Mar 2016 16:26

Tgt Ion: 146 Resp: 533849
Ion Ratio Lower Upper
146 100
148 65.0 52.1 78.1
75 26.8 19.5 29.3





#13

1,4-Dichlorobenzene

Concen: 40.09 ng

RT: 6.98 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

Instrument :

BNA_F

ClientSampleId :

PB88682BSD

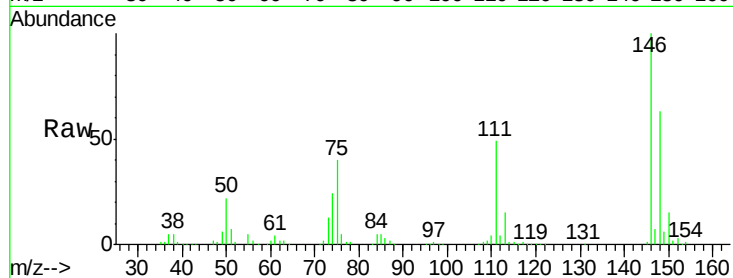
Tgt Ion:146 Resp: 511054

Ion Ratio Lower Upper

146 100

148 62.8 51.3 76.9

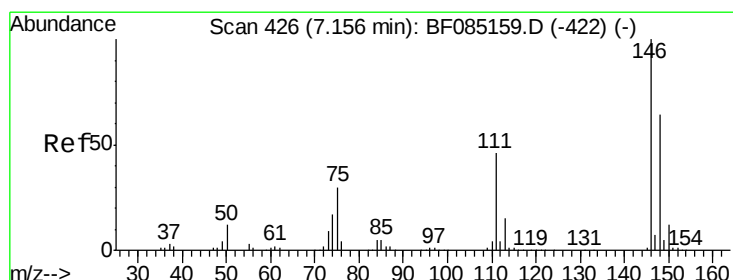
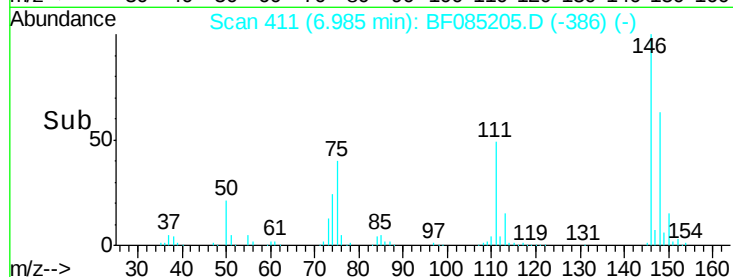
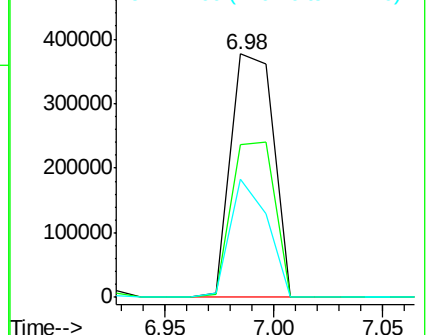
111 48.8 38.4 57.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.31 ng

RT: 7.14 min Scan# 425

Delta R.T. -0.01 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

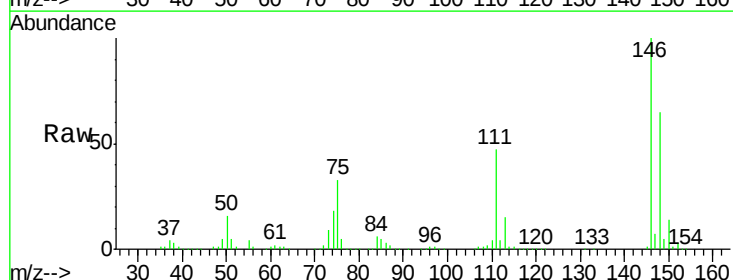
Tgt Ion:146 Resp: 489432

Ion Ratio Lower Upper

146 100

148 64.9 51.4 77.2

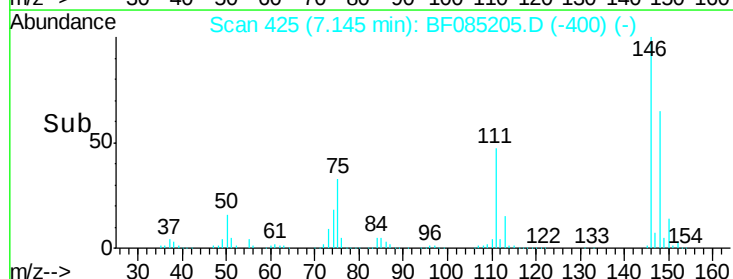
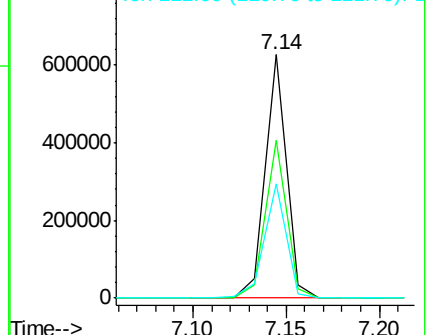
111 46.9 36.7 55.1

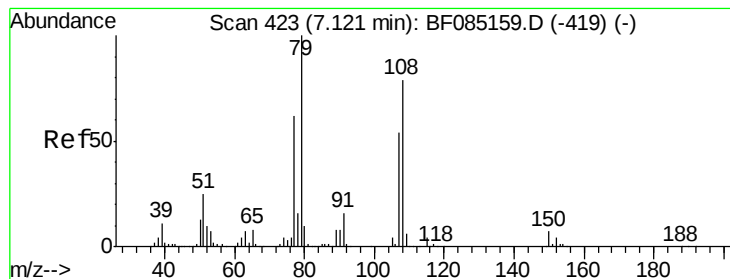


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.39 ng

RT: 7.11 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

Instrument :

BNA_F

ClientSampleId :

PB88682BSD

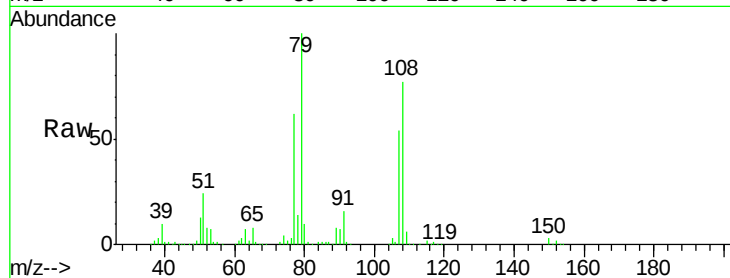
Tgt Ion: 79 Resp: 420169

Ion Ratio Lower Upper

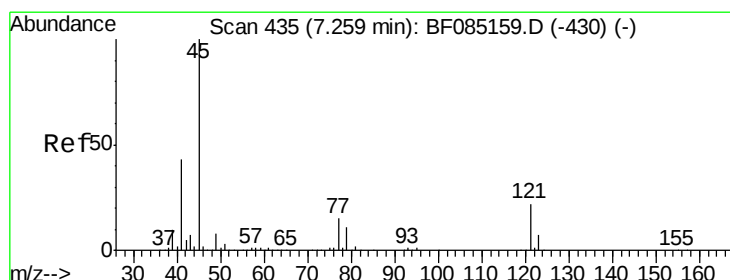
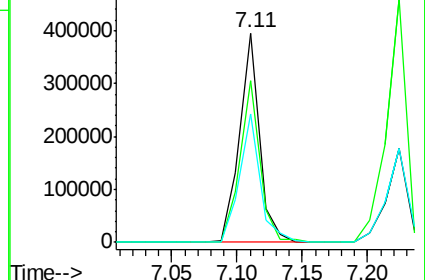
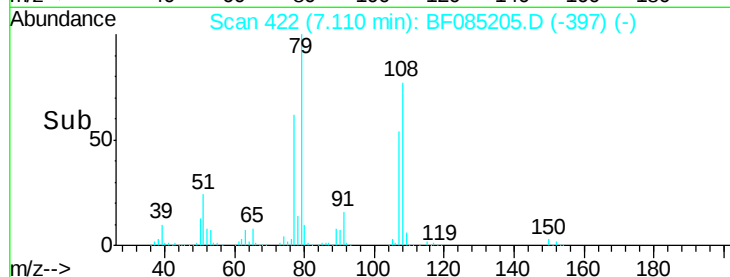
79 100

108 77.0 62.9 94.3

77 61.5 49.5 74.3



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.82 ng

RT: 7.25 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

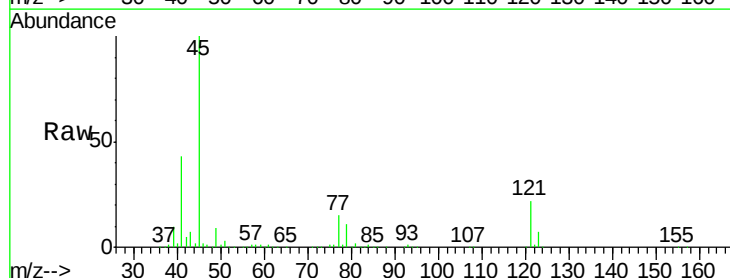
Tgt Ion: 45 Resp: 625306

Ion Ratio Lower Upper

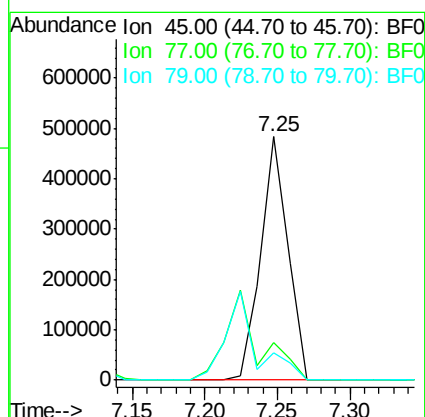
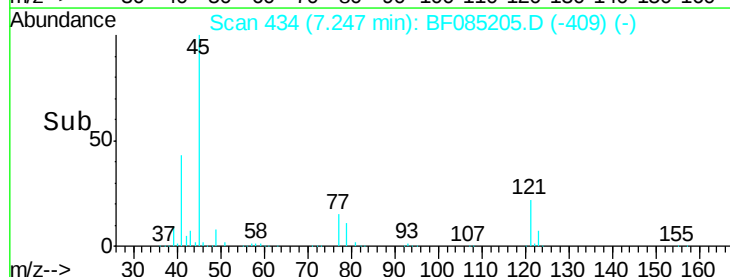
45 100

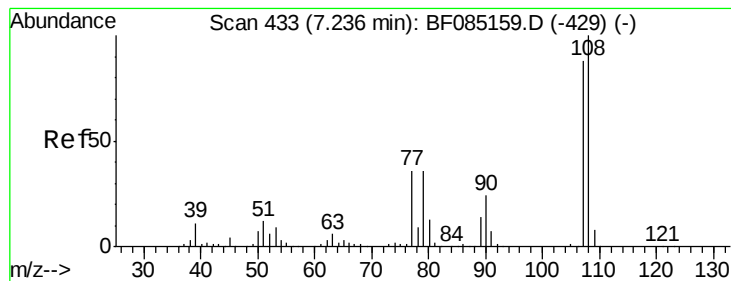
77 15.4 0.0 35.1

79 11.5 0.0 31.3



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

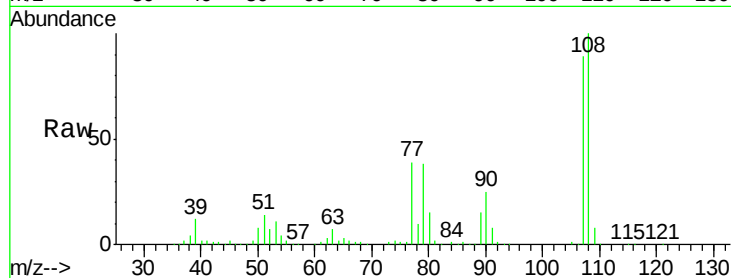




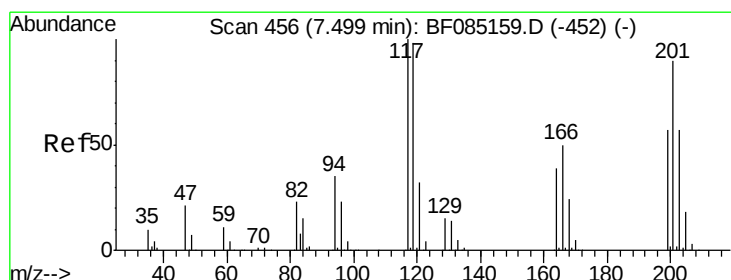
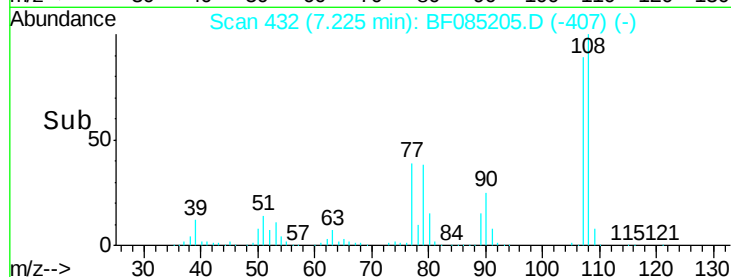
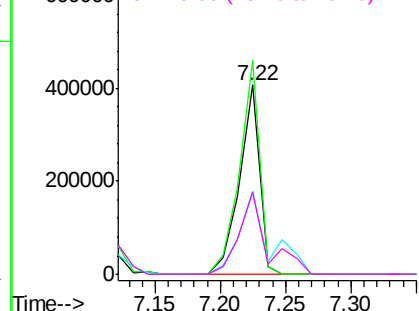
#17
2-Methylphenol
Concen: 44.36 ng
RT: 7.22 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF085205.D
Acq: 4 Mar 2016 16:26

Instrument :
BNA_F
ClientSampleId :
PB88682BSD

Tgt Ion:107 Resp: 428875
Ion Ratio Lower Upper
107 100
108 112.8 90.9 136.3
77 43.7 32.6 48.8
79 43.3 32.8 49.2

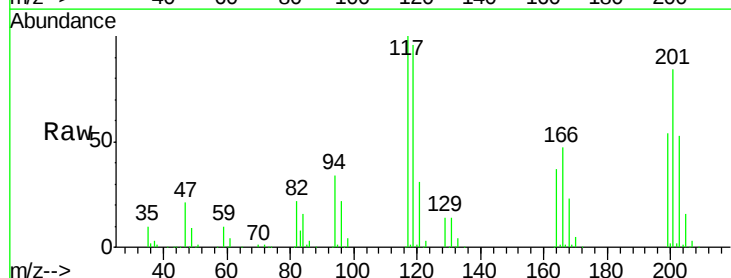


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

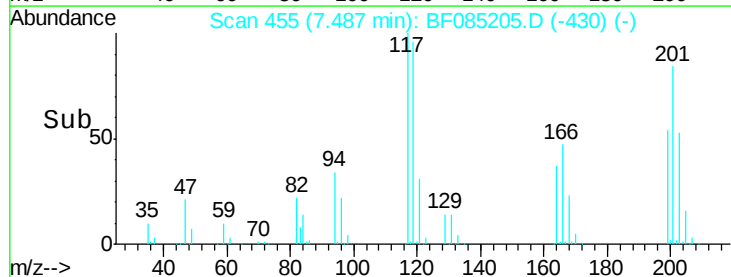
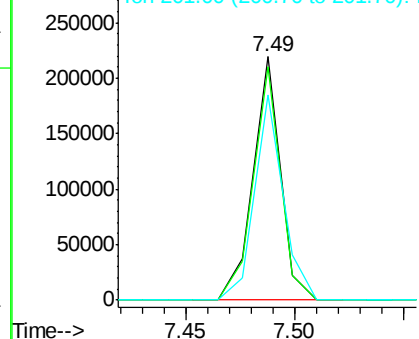


#18
Hexachloroethane
Concen: 40.76 ng
RT: 7.49 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF085205.D
Acq: 4 Mar 2016 16:26

Tgt Ion:117 Resp: 191710
Ion Ratio Lower Upper
117 100
119 95.8 78.2 117.4
201 84.1 72.0 108.0



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

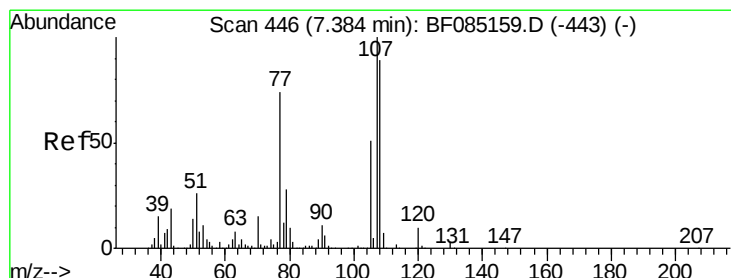
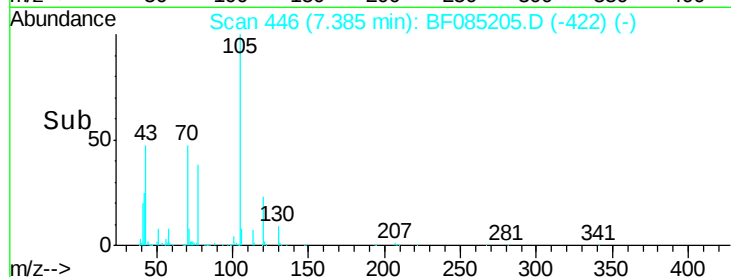
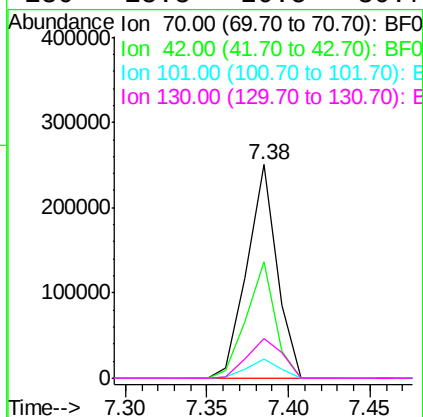
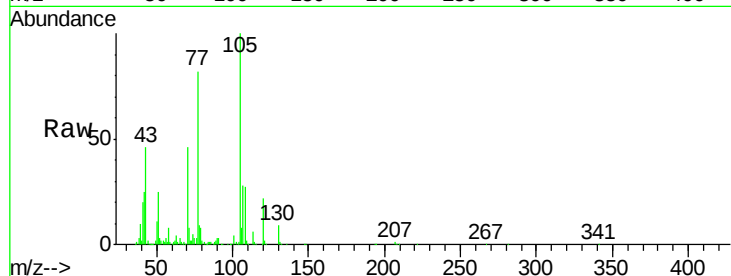




#19
n-Nitroso-di-n-propylamine
Concen: 38.00 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF085205.D
Acq: 4 Mar 2016 16:26

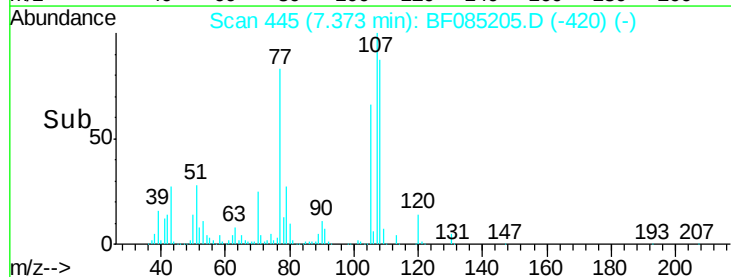
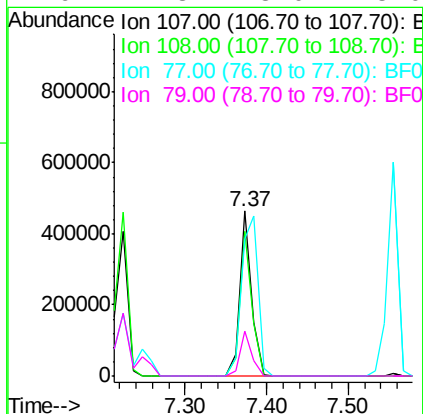
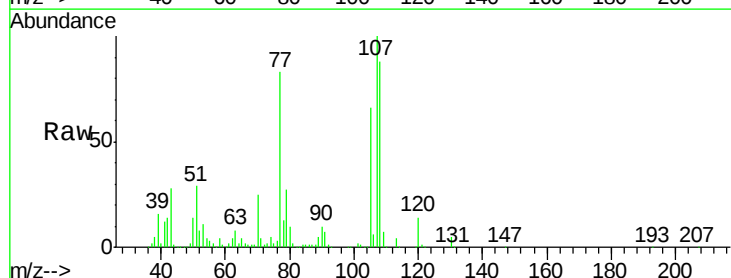
Instrument :
BNA_F
ClientSampleId :
PB88682BSD

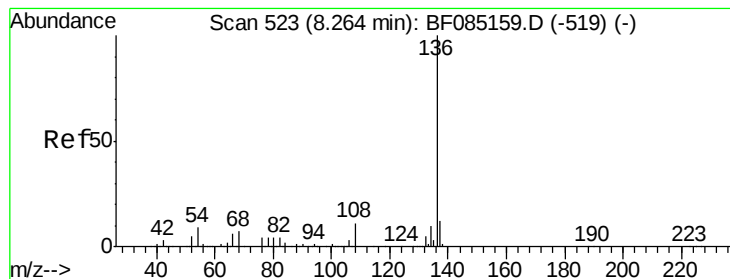
Tgt Ion: 70 Resp: 319363
Ion Ratio Lower Upper
70 100
42 54.7 37.7 56.5
101 9.2 8.2 12.4
130 18.8 20.5 30.7#



#20
3+4-Methylphenols
Concen: 40.94 ng
RT: 7.37 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF085205.D
Acq: 4 Mar 2016 16:26

Tgt Ion: 107 Resp: 468826
Ion Ratio Lower Upper
107 100
108 87.6 68.8 108.8
77 83.2 53.6 93.6
79 27.3 8.0 48.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.26 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

Instrument :

BNA_F

ClientSampleId :

PB88682BSD

Tgt Ion:136 Resp: 649706

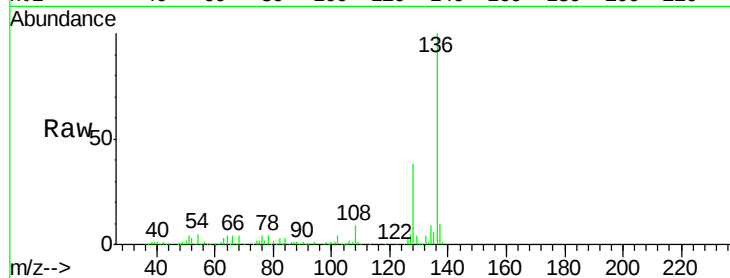
Ion Ratio Lower Upper

136 100

137 10.5 9.3 13.9

54 5.2 7.4 11.2#

68 4.5 6.0 9.0#

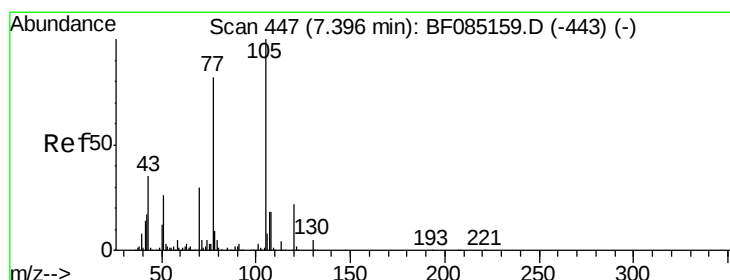
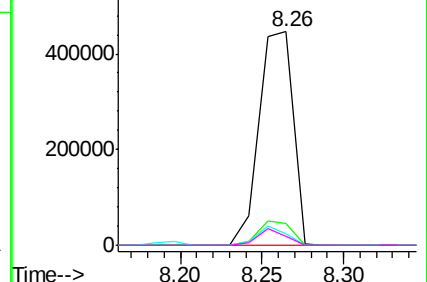
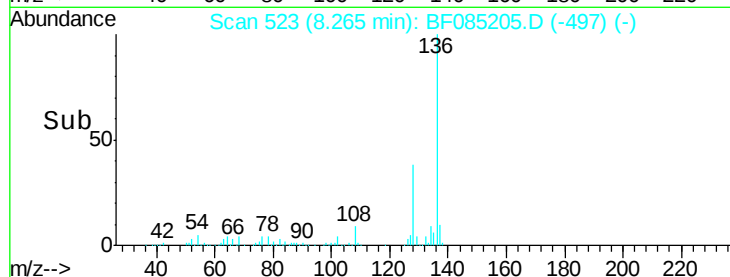


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 40.16 ng

RT: 7.38 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

Tgt Ion:105 Resp: 636867

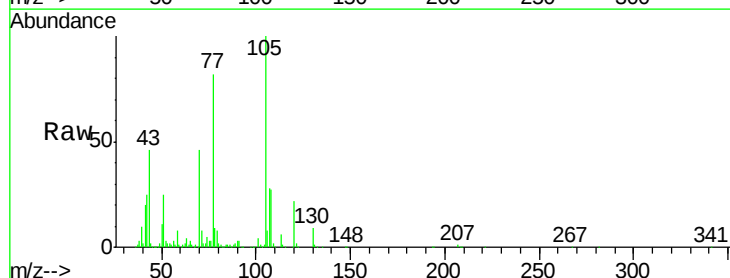
Ion Ratio Lower Upper

105 100

71 7.8 4.1 6.1#

51 25.0 21.1 31.7

120 21.9 17.3 25.9

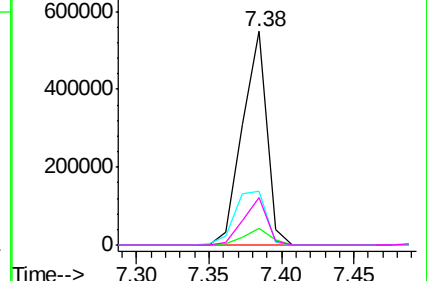
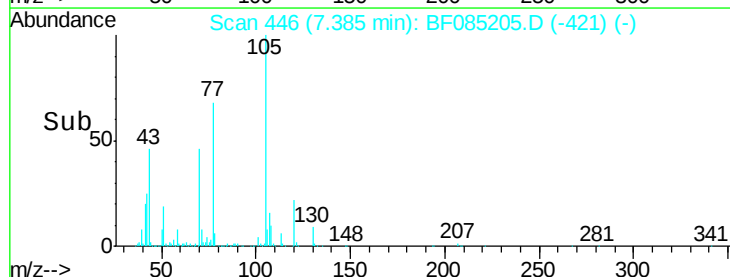


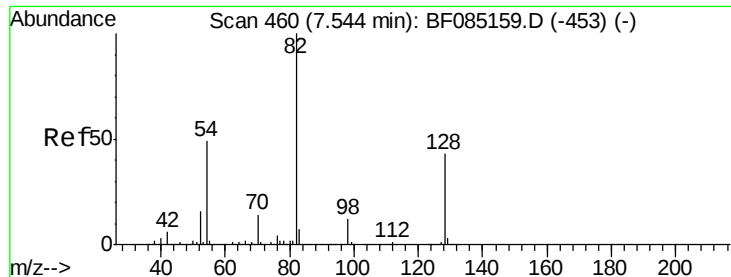
Abundance Ion 105.00 (104.70 to 105.70): E

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

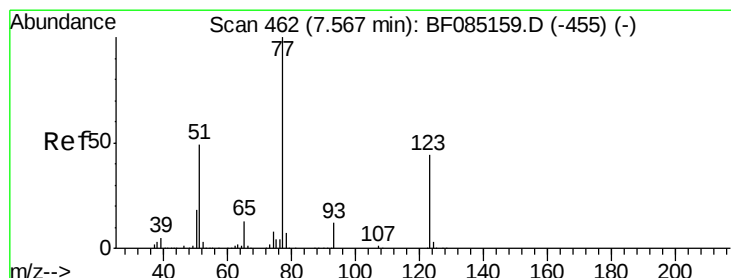
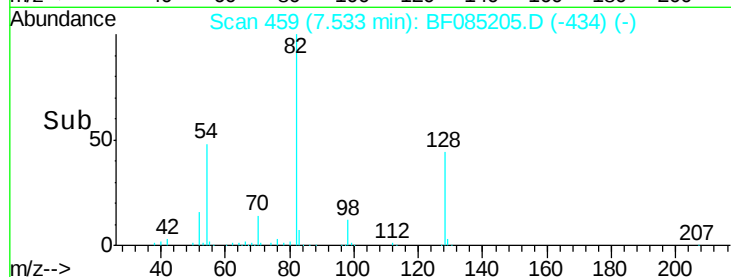
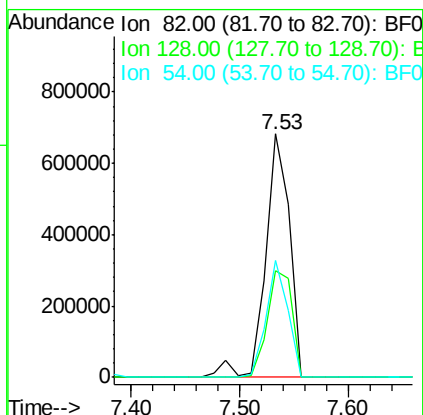
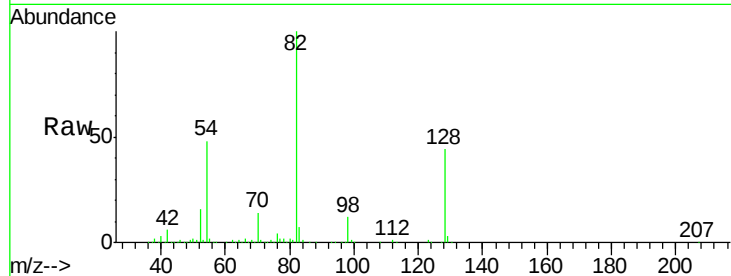




#23
 Nitrobenzene-d5
 Concen: 85.48 ng
 RT: 7.53 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF085205.D
 Acq: 4 Mar 2016 16:26

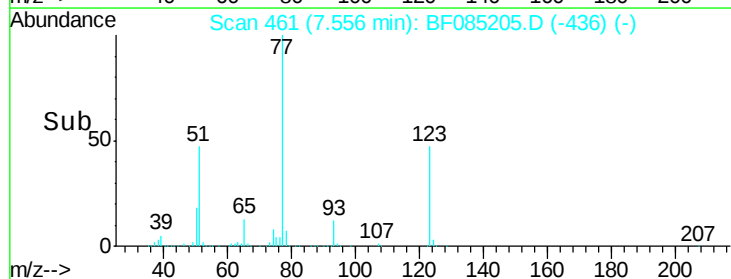
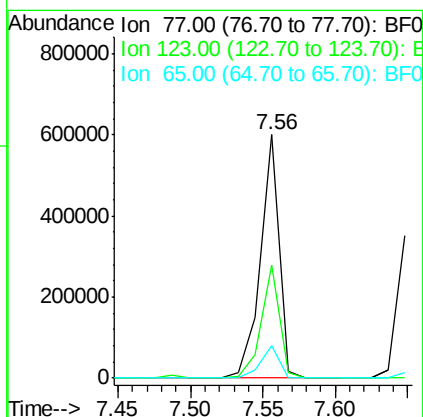
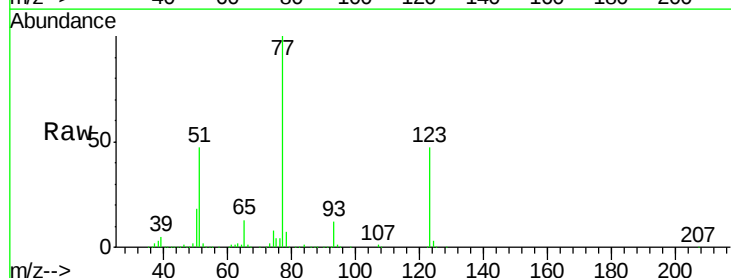
Instrument :
 BNA_F
 ClientSampleId :
 PB88682BSD

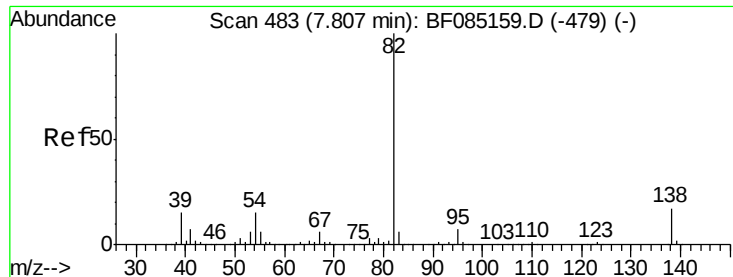
Tgt Ion: 82 Resp: 1037826
 Ion Ratio Lower Upper
 82 100
 128 44.1 34.5 51.7
 54 48.3 39.3 58.9



#24
 Nitrobenzene
 Concen: 43.40 ng
 RT: 7.56 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF085205.D
 Acq: 4 Mar 2016 16:26

Tgt Ion: 77 Resp: 535272
 Ion Ratio Lower Upper
 77 100
 123 46.6 35.4 53.2
 65 13.1 10.6 16.0





#25

Isophorone

Concen: 42.44 ng

RT: 7.80 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

Instrument :

BNA_F

ClientSampleId :

PB88682BSD

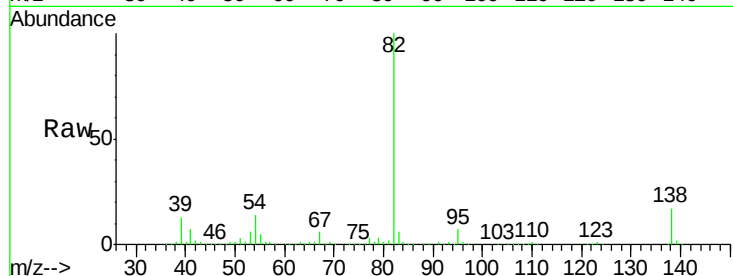
Tgt Ion: 82 Resp: 954937

Ion Ratio Lower Upper

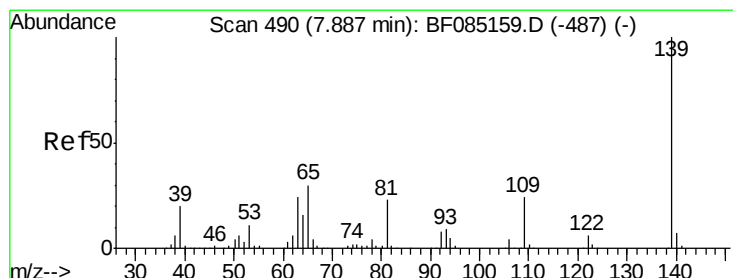
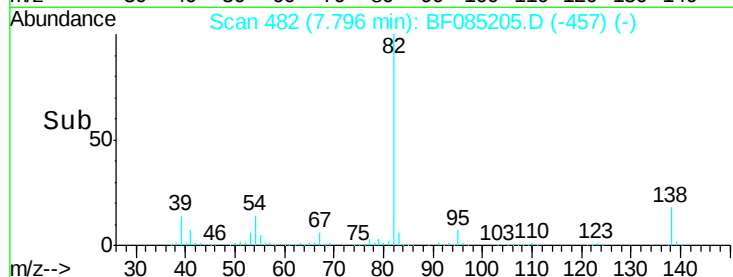
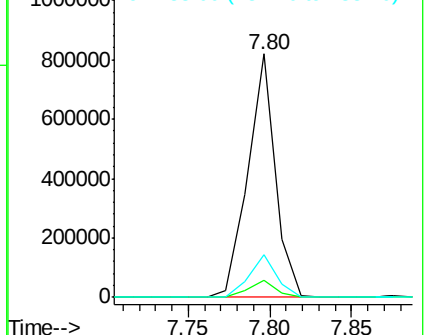
82 100

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: 46.38 ng

RT: 7.88 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

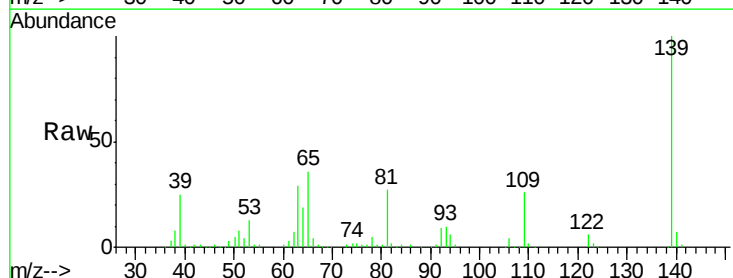
Tgt Ion: 139 Resp: 278387

Ion Ratio Lower Upper

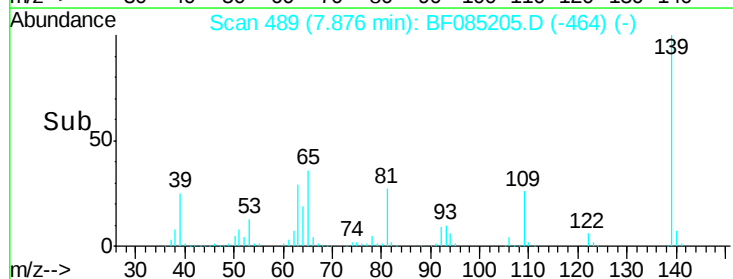
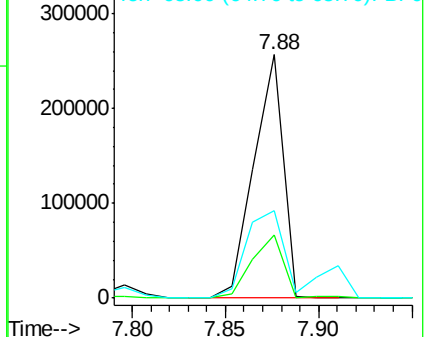
139 100

109 25.7 19.1 28.7

65 36.1 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

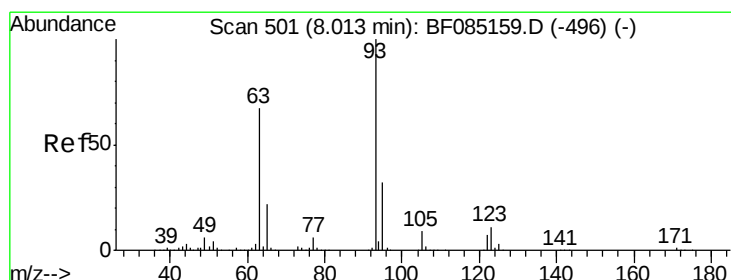
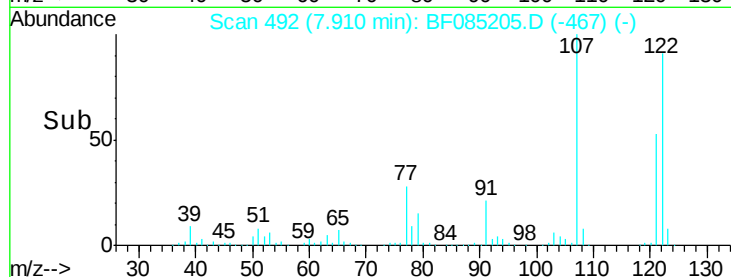
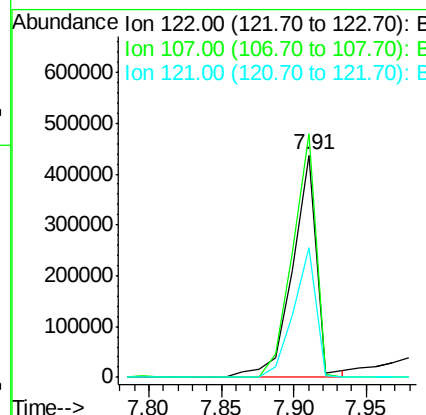
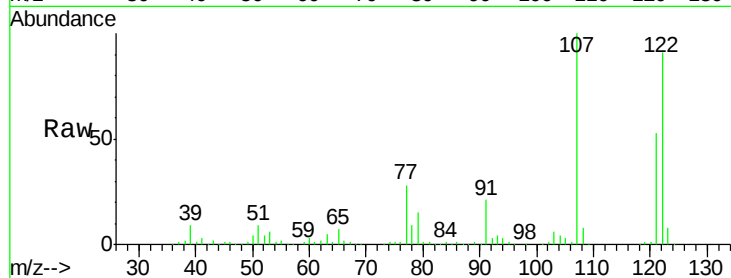




#27
 2,4-Dimethylphenol
 Concen: 45.86 ng
 RT: 7.91 min Scan# 492
 Delta R.T. -0.01 min
 Lab File: BF085205.D
 Acq: 4 Mar 2016 16:26

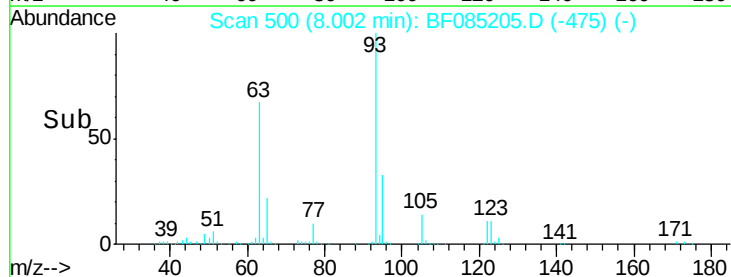
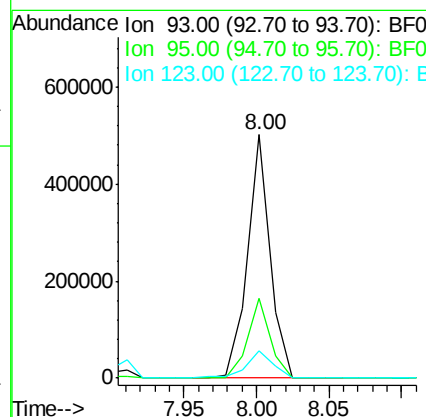
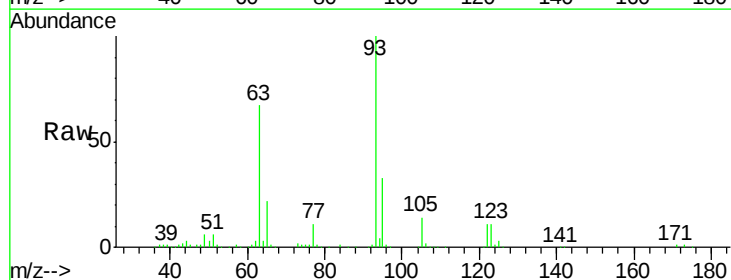
Instrument :
 BNA_F
 ClientSampleId :
 PB88682BSD

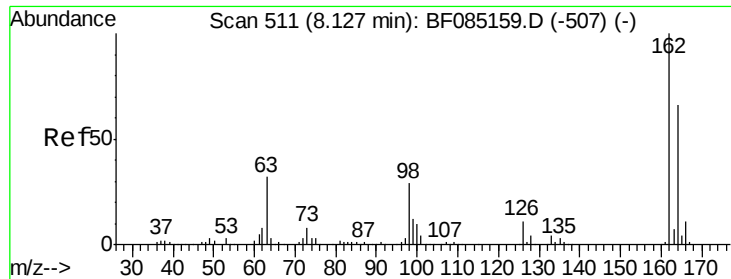
Tgt Ion: 122 Resp: 503015
 Ion Ratio Lower Upper
 122 100
 107 109.7 84.8 127.2
 121 58.3 47.0 70.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.08 ng
 RT: 8.00 min Scan# 500
 Delta R.T. -0.01 min
 Lab File: BF085205.D
 Acq: 4 Mar 2016 16:26

Tgt Ion: 93 Resp: 539839
 Ion Ratio Lower Upper
 93 100
 95 32.8 25.9 38.9
 123 11.3 8.8 13.2

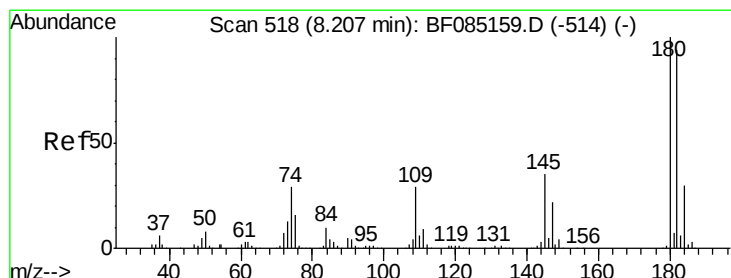
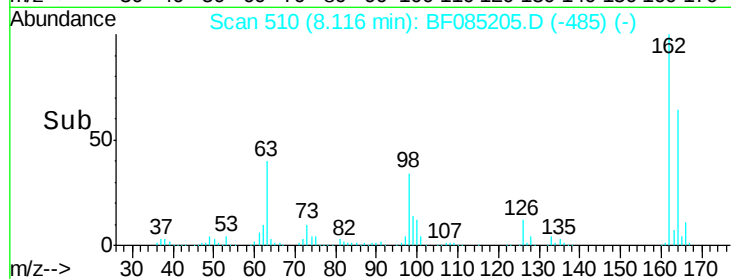
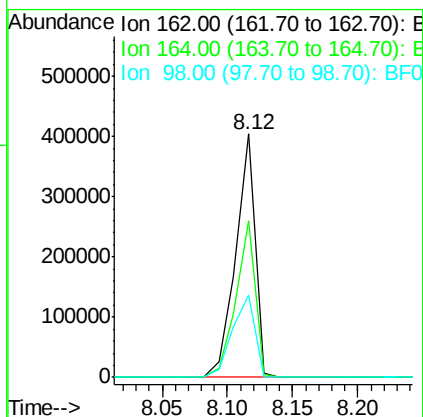
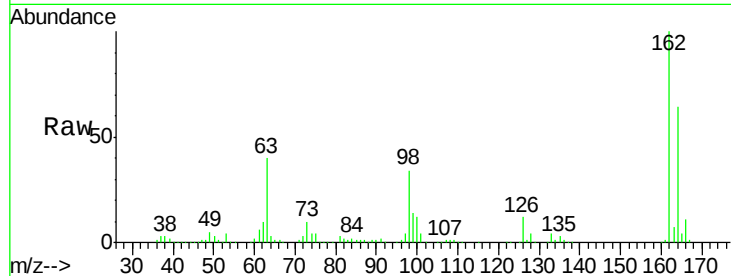




#29
 2,4-Dichlorophenol
 Concen: 46.91 ng
 RT: 8.12 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF085205.D
 Acq: 4 Mar 2016 16:26

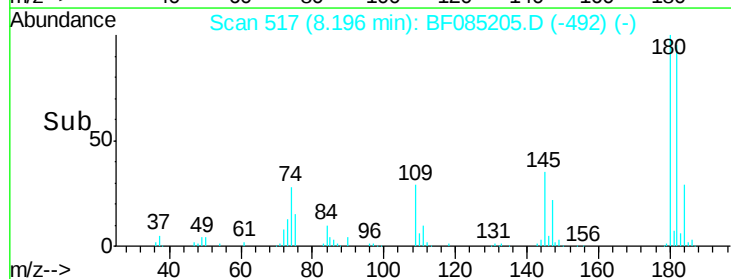
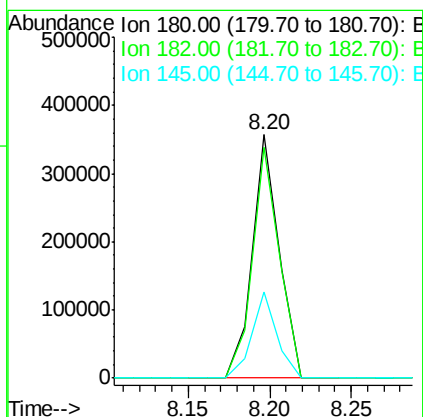
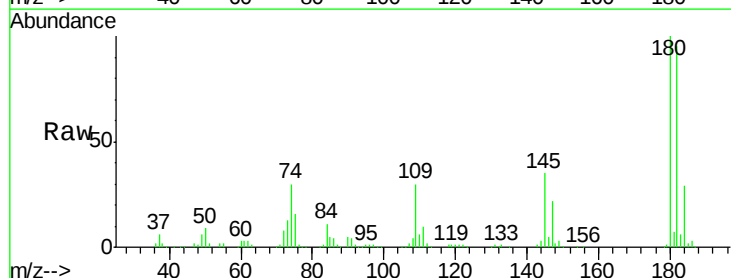
Instrument :
 BNA_F
 ClientSampleId :
 PB88682BSD

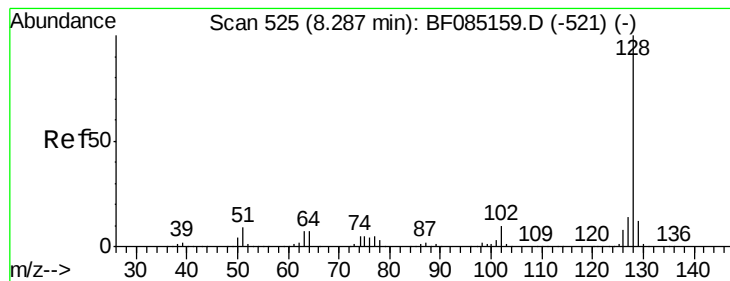
Tgt Ion:162 Resp: 415021
 Ion Ratio Lower Upper
 162 100
 164 64.5 45.7 85.7
 98 33.9 9.4 49.4



#30
 1,2,4-Trichlorobenzene
 Concen: 42.46 ng
 RT: 8.20 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF085205.D
 Acq: 4 Mar 2016 16:26

Tgt Ion:180 Resp: 406123
 Ion Ratio Lower Upper
 180 100
 182 94.8 74.9 112.3
 145 35.1 27.9 41.9





#31

Naphthalene

Concen: 42.62 ng

RT: 8.28 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

Instrument :

BNA_F

ClientSampleId :

PB88682BSD

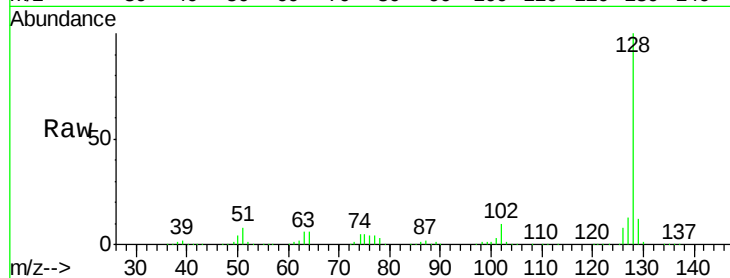
Tgt Ion:128 Resp: 1361444

Ion Ratio Lower Upper

128 100

129 11.6 9.7 14.5

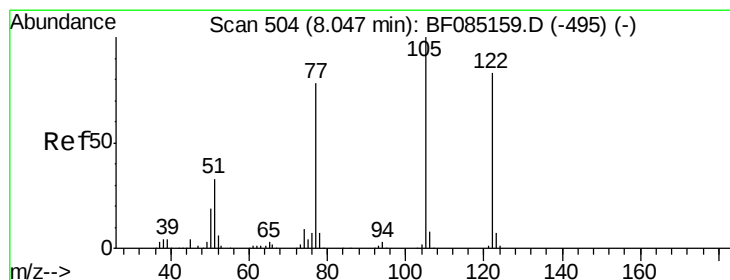
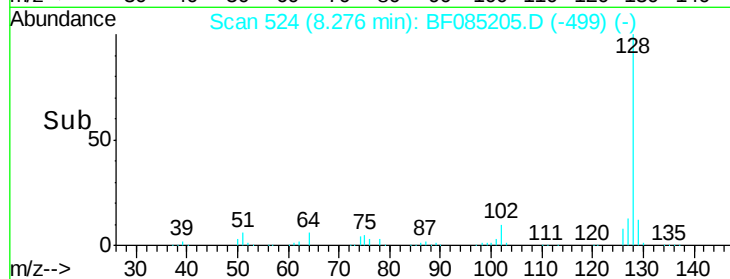
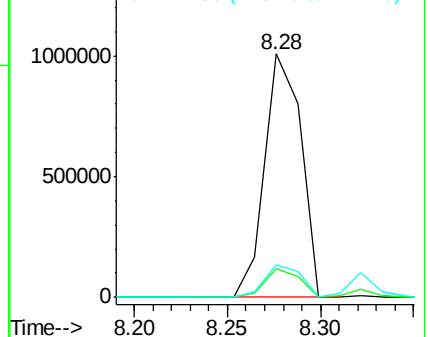
127 13.5 11.2 16.8



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: 29.55 ng

RT: 8.01 min Scan# 501

Delta R.T. -0.03 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

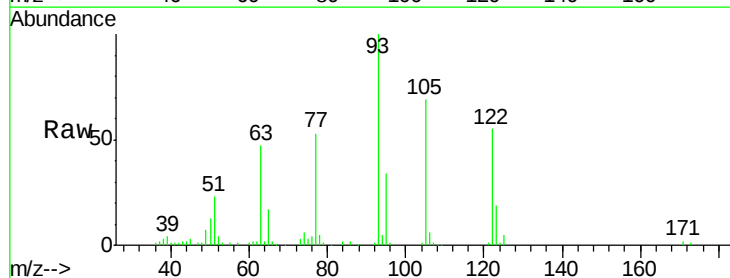
Tgt Ion:122 Resp: 215257

Ion Ratio Lower Upper

122 100

105 125.3 101.3 141.3

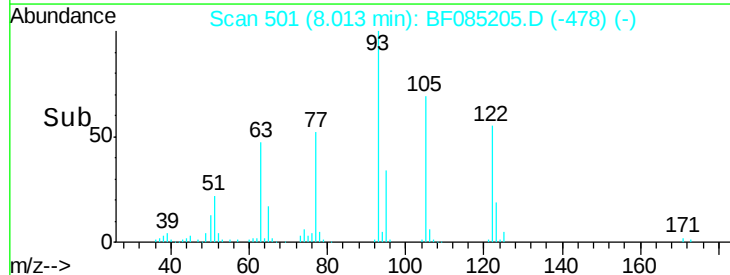
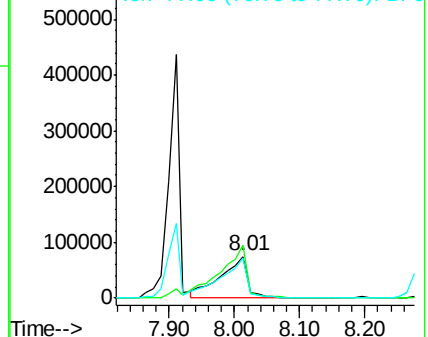
77 96.4 74.7 114.7

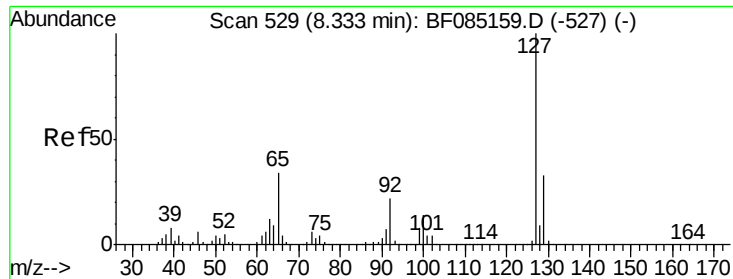


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

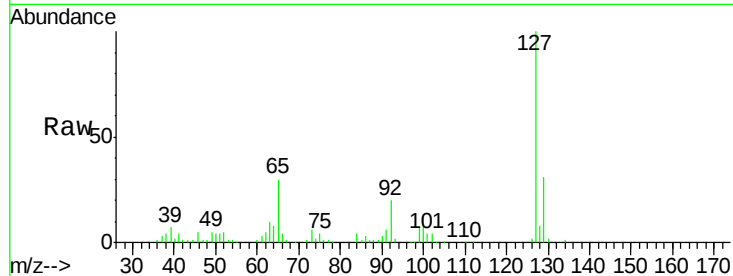




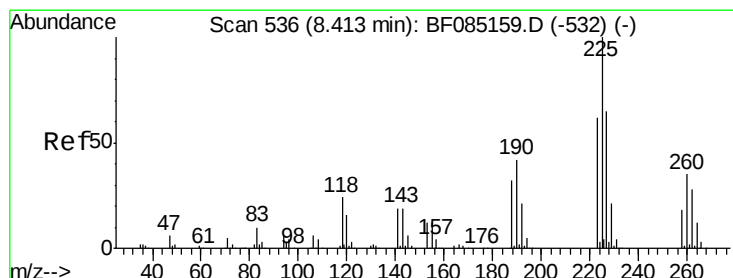
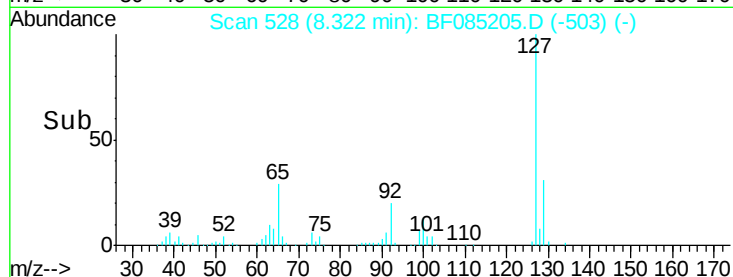
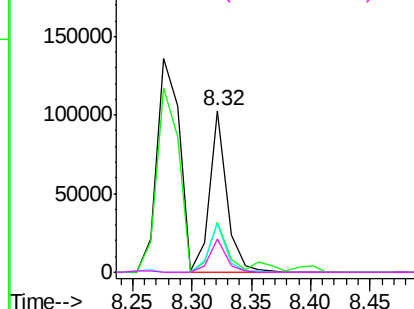
#33
4-Chloroaniline
Concen: 8.12 ng
RT: 8.32 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF085205.D
Acq: 4 Mar 2016 16:26

Instrument :
BNA_F
ClientSampleId :
PB88682BSD

Tgt Ion:	127	Resp:	104949
Ion	Ratio	Lower	Upper
127	100		
129	31.2	26.1	39.1
65	29.7	27.0	40.6
92	20.4	17.4	26.0

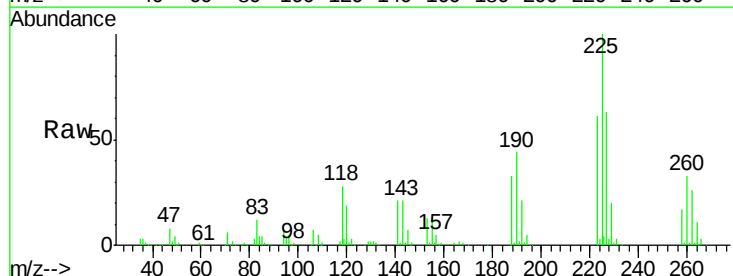


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

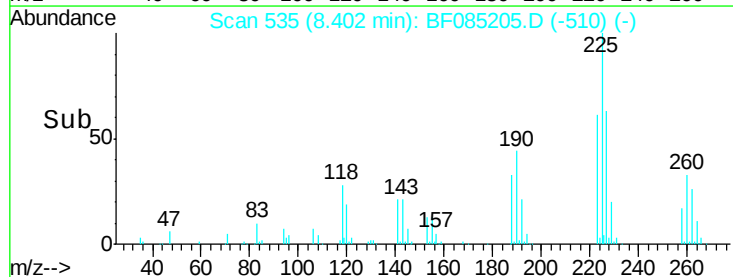
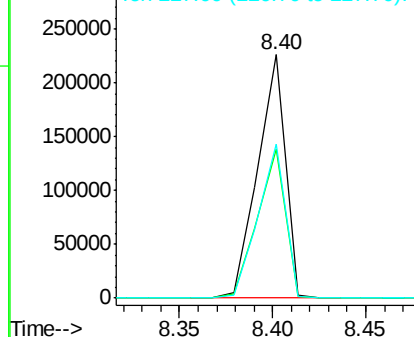


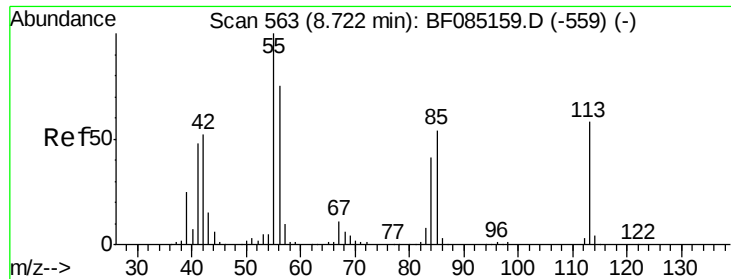
#34
Hexachlorobutadiene
Concen: 46.45 ng
RT: 8.40 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF085205.D
Acq: 4 Mar 2016 16:26

Tgt Ion:	225	Resp:	231185
Ion	Ratio	Lower	Upper
225	100		
223	61.2	49.7	74.5
227	63.3	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

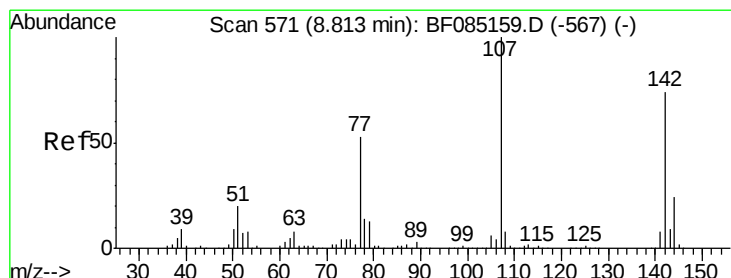
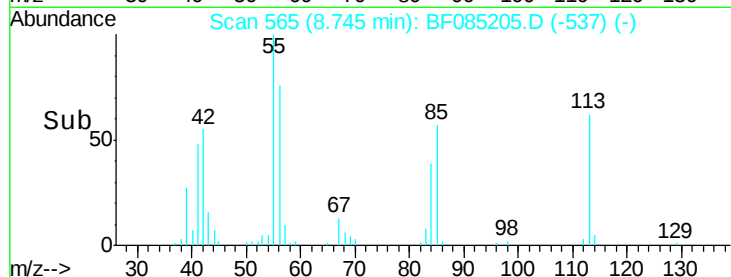
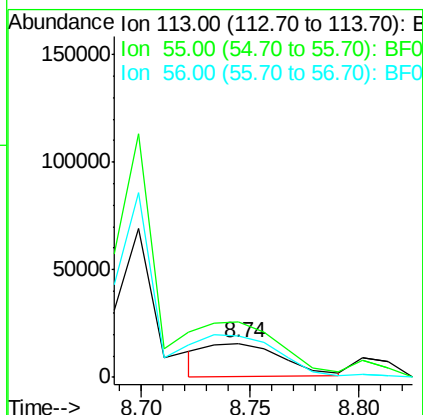
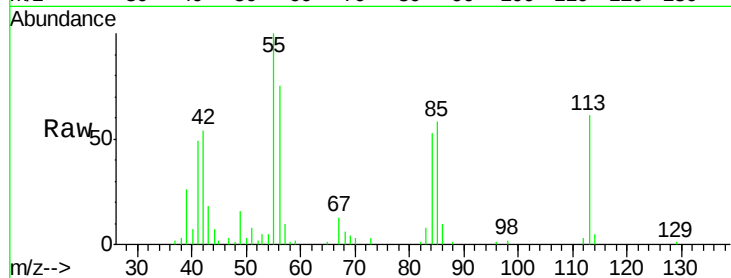




#35
 Caprolactam
 Concen: 12.80 ng
 RT: 8.74 min Scan# 565
 Delta R.T. 0.02 min
 Lab File: BF085205.D
 Acq: 4 Mar 2016 16:26

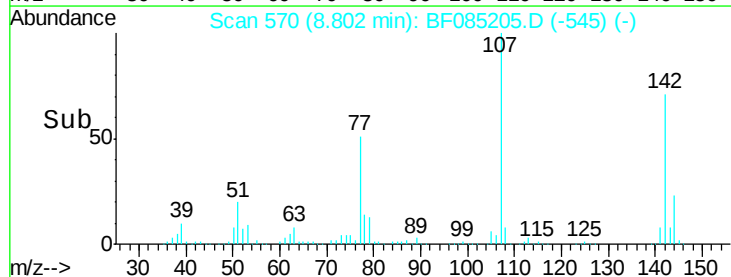
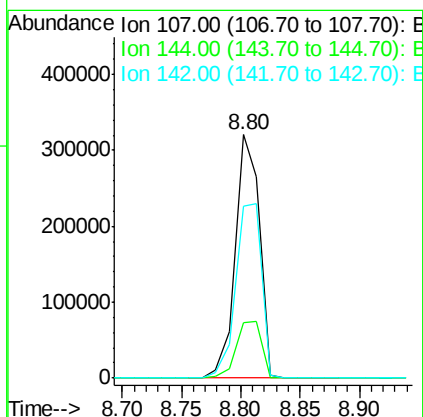
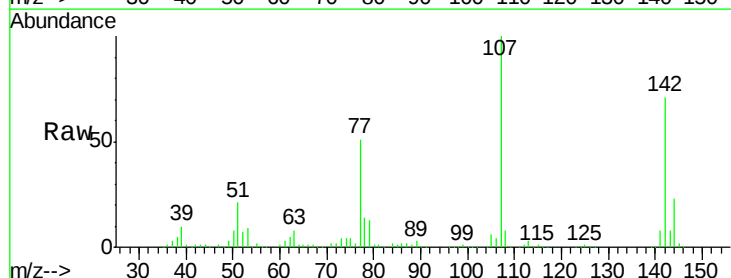
Instrument :
 BNA_F
 ClientSampleId :
 PB88682BSD

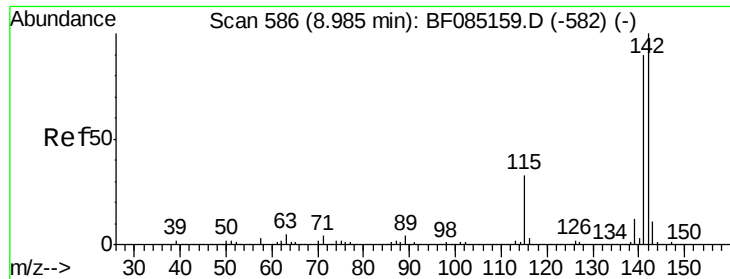
Tgt Ion:113 Resp: 36983
 Ion Ratio Lower Upper
 113 100
 55 164.0 152.7 192.7
 56 122.7 109.0 149.0



#36
 4-Chloro-3-methylphenol
 Concen: 45.28 ng
 RT: 8.80 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: BF085205.D
 Acq: 4 Mar 2016 16:26

Tgt Ion:107 Resp: 454414
 Ion Ratio Lower Upper
 107 100
 144 22.9 19.4 29.2
 142 70.9 59.4 89.2

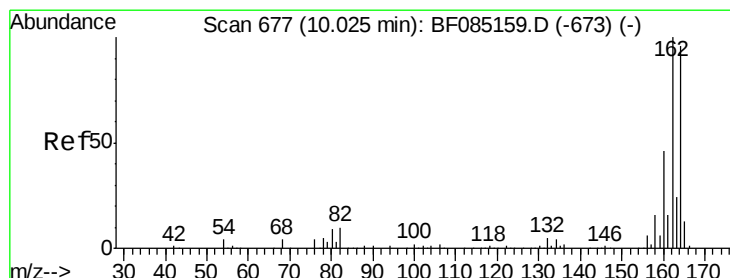
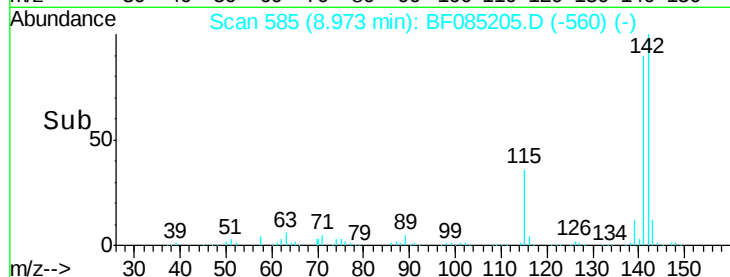
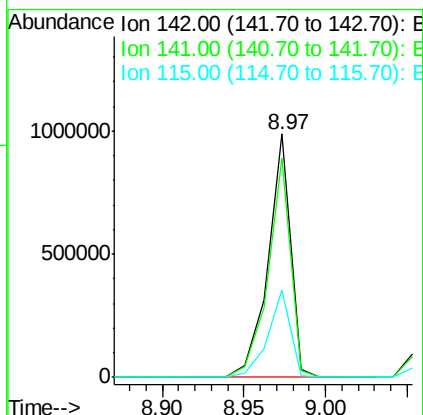
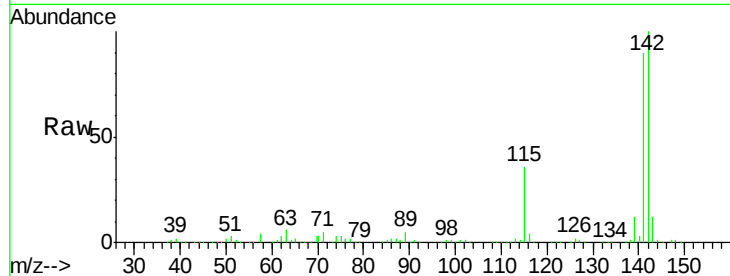




#37
2-Methylnaphthalene
Concen: 46.25 ng
RT: 8.97 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF085205.D
Acq: 4 Mar 2016 16:26

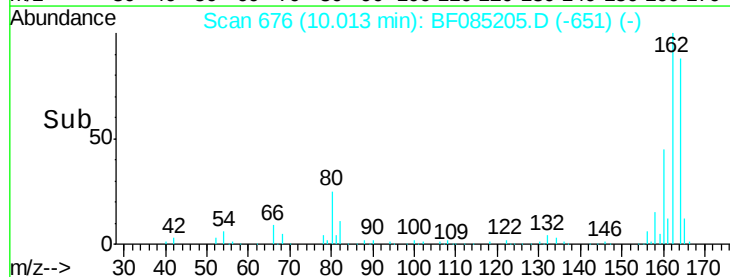
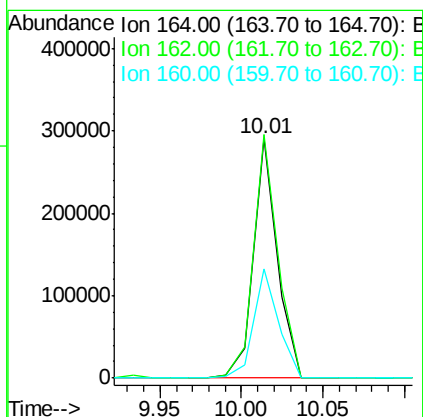
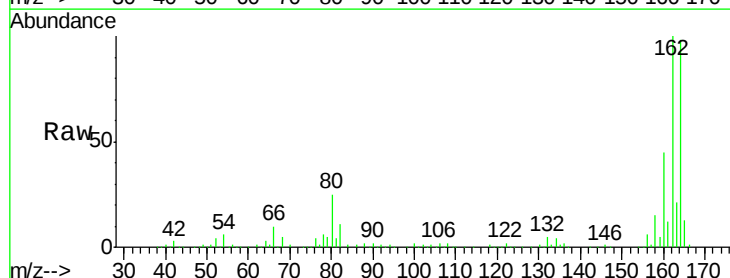
Instrument :
BNA_F
ClientSampled :
PB88682BSD

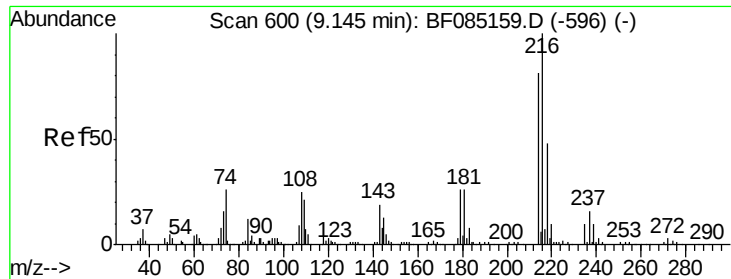
Tgt Ion:142 Resp: 948244
Ion Ratio Lower Upper
142 100
141 90.3 71.7 107.5
115 35.7 26.2 39.4



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF085205.D
Acq: 4 Mar 2016 16:26

Tgt Ion:164 Resp: 294055
Ion Ratio Lower Upper
164 100
162 101.8 83.3 124.9
160 45.5 37.9 56.9

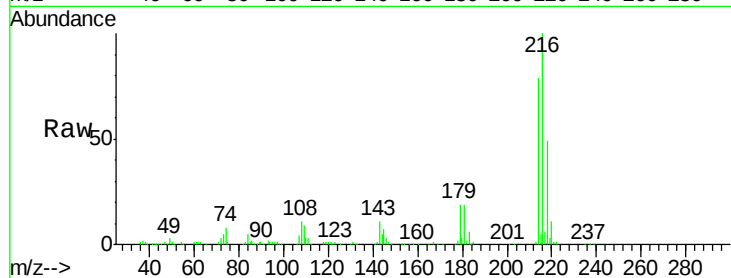




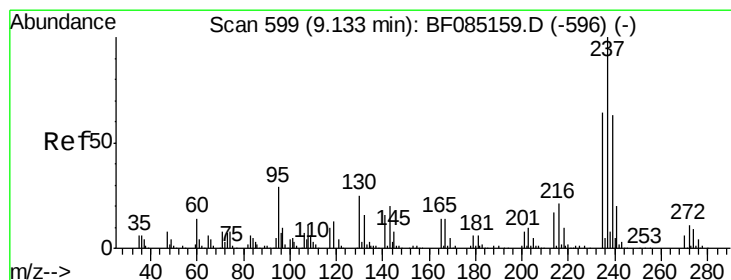
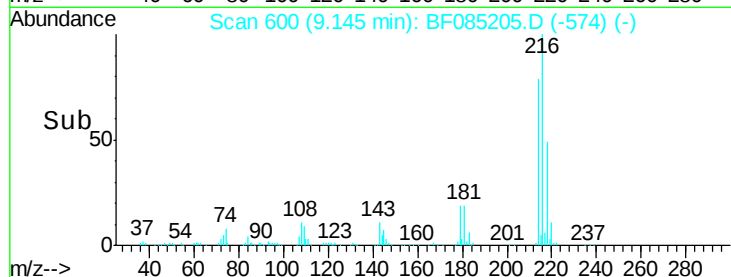
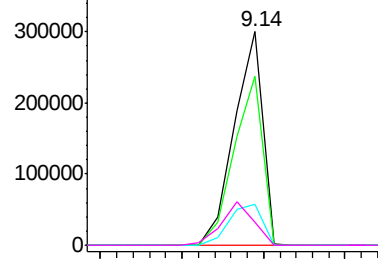
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.35 ng
 RT: 9.14 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF085205.D
 Acq: 4 Mar 2016 16:26

Instrument :
 BNA_F
 ClientSampleId :
 PB88682BSD

Tgt Ion:	216	Resp:	364556
Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.8	95.6
179	22.5	19.6	29.4
108	22.6	19.6	29.4

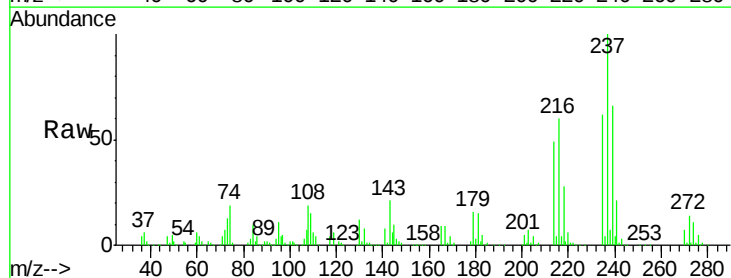


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

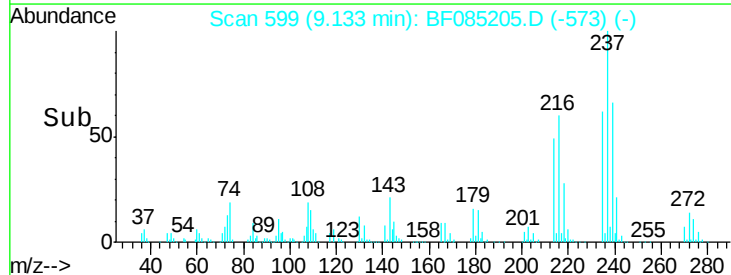
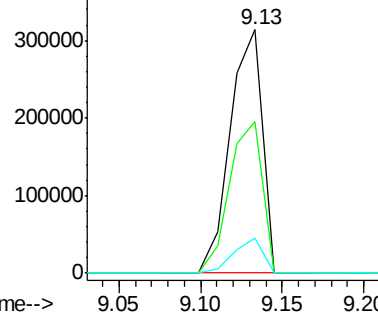


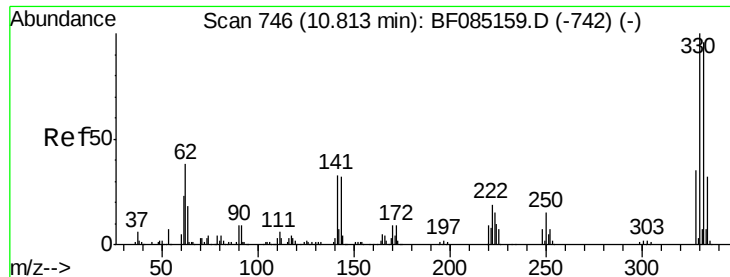
#40
 Hexachlorocyclopentadiene
 Concen: 94.88 ng
 RT: 9.13 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: BF085205.D
 Acq: 4 Mar 2016 16:26

Tgt Ion:	237	Resp:	430360
Ion	Ratio	Lower	Upper
237	100		
235	62.4	43.7	83.7
272	14.4	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

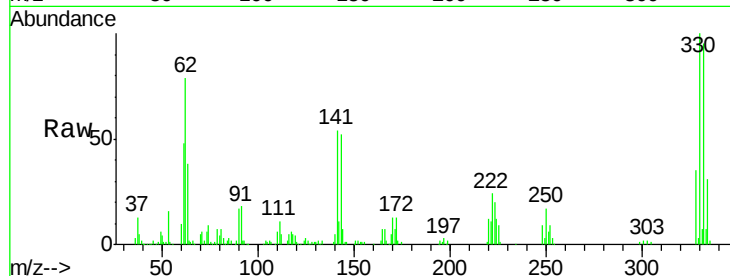




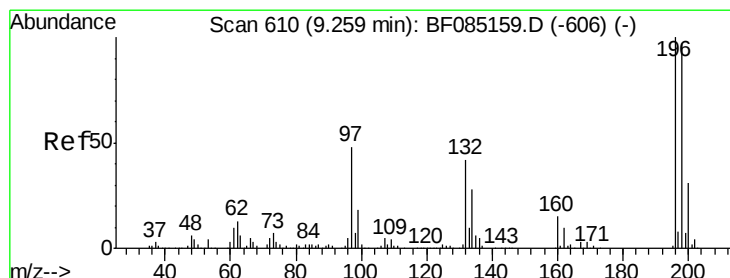
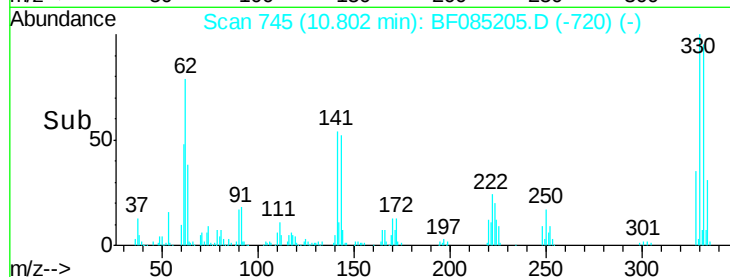
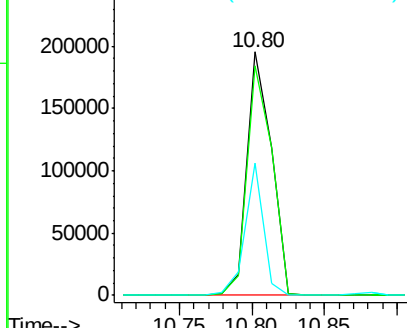
#41
 2,4,6-Tribromophenol
 Concen: 90.87 ng
 RT: 10.80 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF085205.D
 Acq: 4 Mar 2016 16:26

Instrument :
 BNA_F
 ClientSampleId :
 PB88682BSD

Tgt Ion:330 Resp: 228645
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.1 115.7
 141 41.2 35.0 52.6

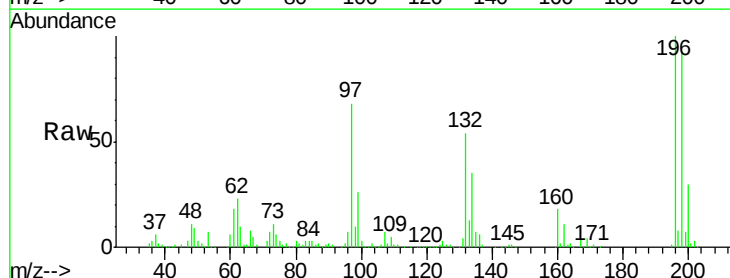


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

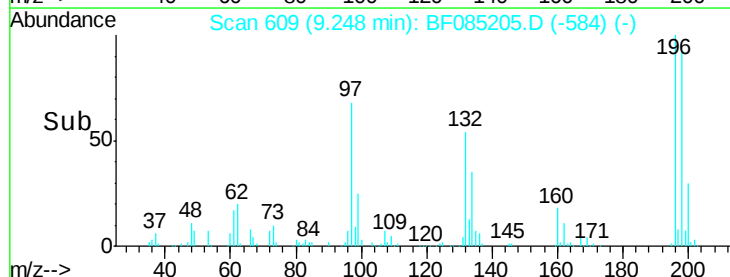
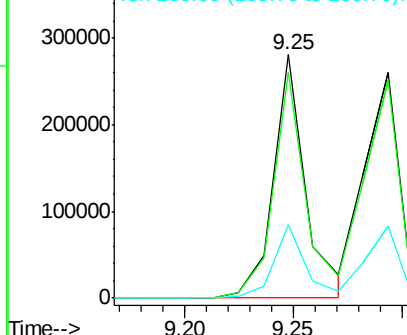


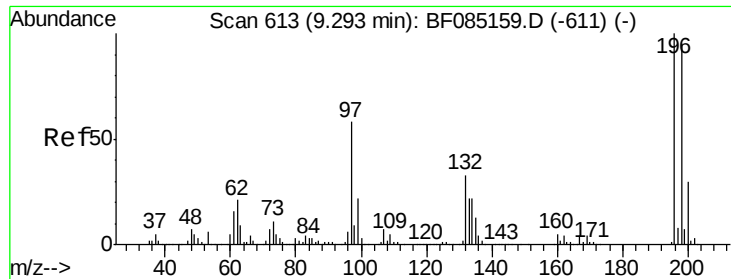
#42
 2,4,6-Trichlorophenol
 Concen: 46.18 ng
 RT: 9.25 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF085205.D
 Acq: 4 Mar 2016 16:26

Tgt Ion:196 Resp: 289091
 Ion Ratio Lower Upper
 196 100
 198 92.7 77.8 116.6
 200 30.2 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

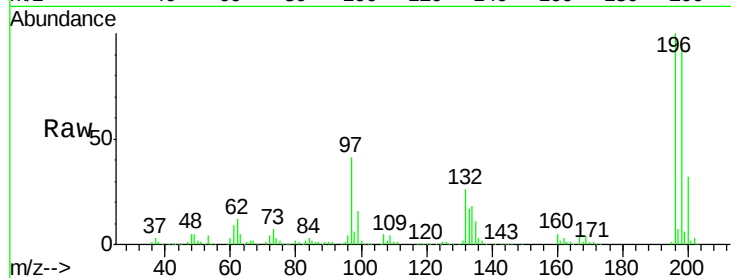




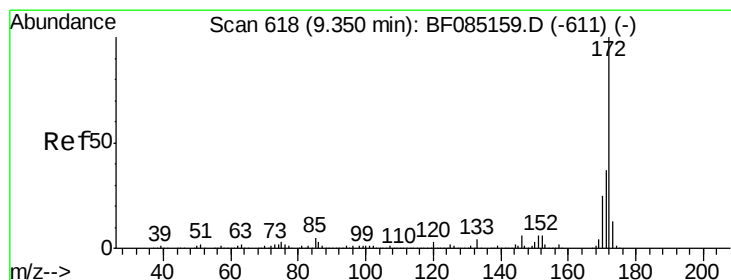
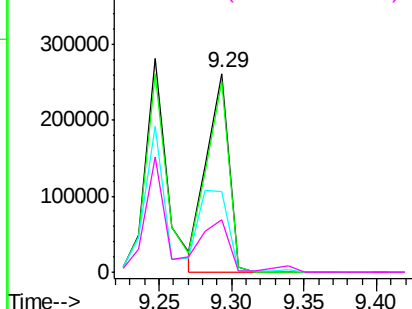
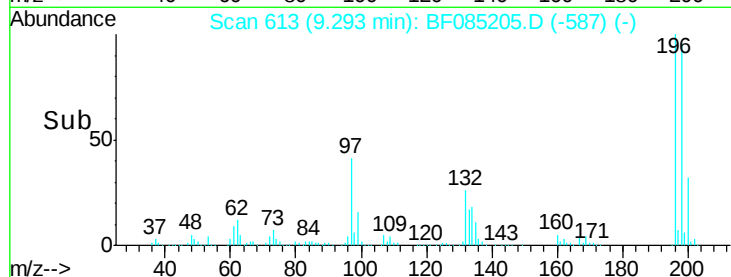
#43
 2,4,5-Trichlorophenol
 Concen: 47.28 ng
 RT: 9.29 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF085205.D
 Acq: 4 Mar 2016 16:26

Instrument :
 BNA_F
 ClientSampleId :
 PB88682BSD

Tgt Ion:196 Resp: 280659
 Ion Ratio Lower Upper
 196 100
 198 96.2 75.7 113.5
 97 41.0 46.4 69.6#
 132 26.2 26.2 39.4#

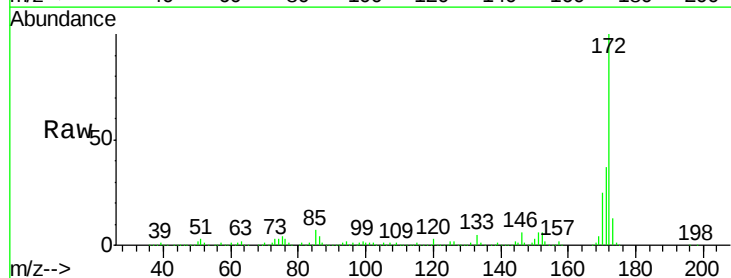


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

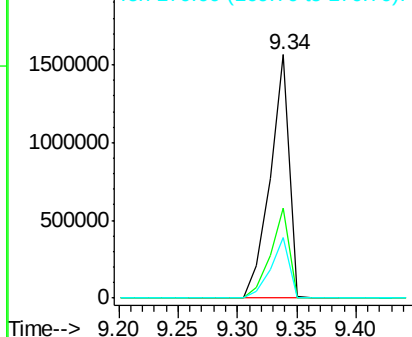
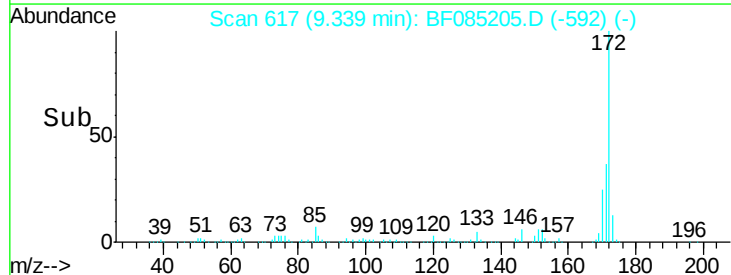


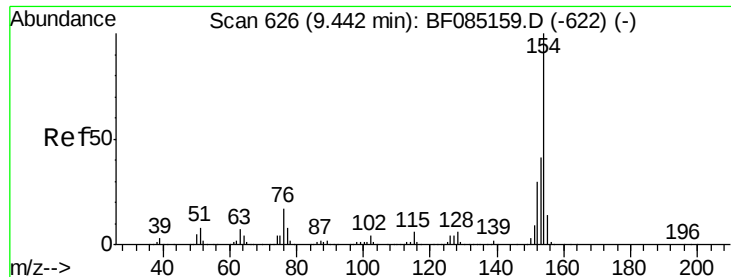
#44
 2-Fluorobiphenyl
 Concen: 90.70 ng
 RT: 9.34 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF085205.D
 Acq: 4 Mar 2016 16:26

Tgt Ion:172 Resp: 1753697
 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

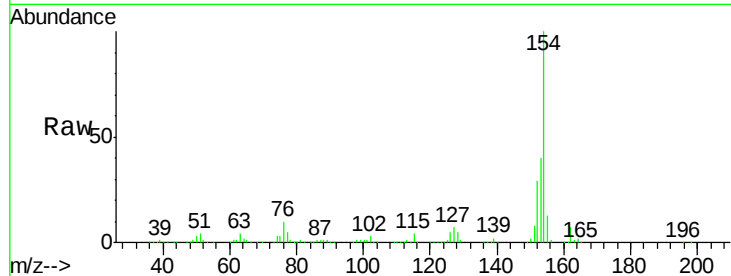




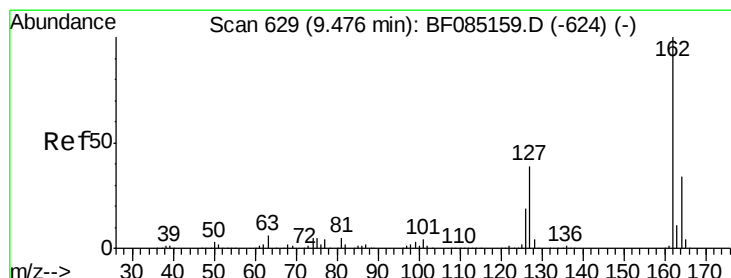
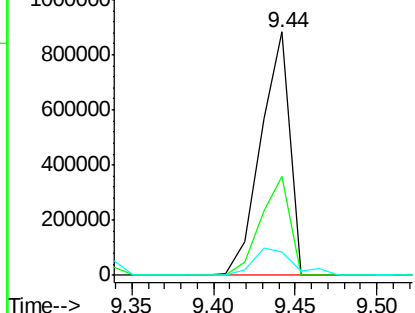
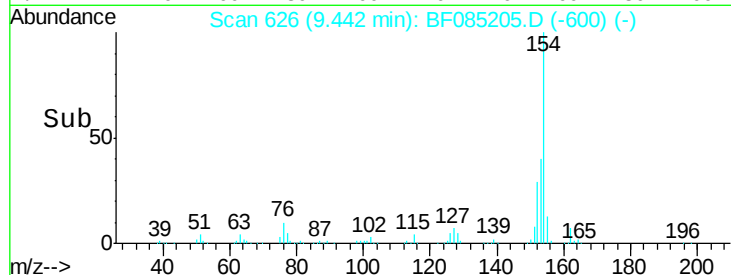
#45
 1,1'-Biphenyl
 Concen: 43.22 ng
 RT: 9.44 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF085205.D
 Acq: 4 Mar 2016 16:26

Instrument :
 BNA_F
 ClientSampleId :
 PB88682BSD

Tgt Ion:154 Resp: 1085815
 Ion Ratio Lower Upper
 154 100
 153 40.4 21.4 61.4
 76 9.6 0.0 37.5

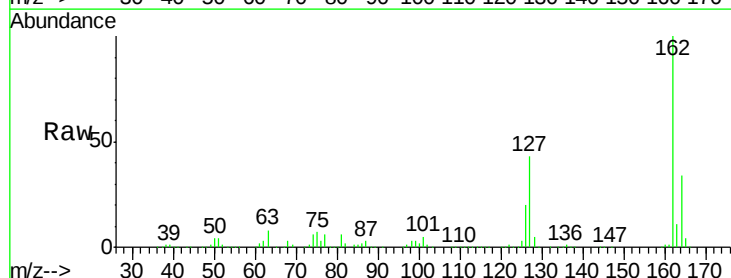


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

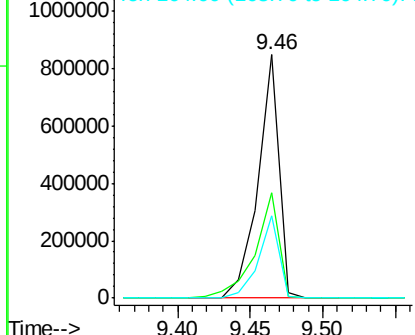
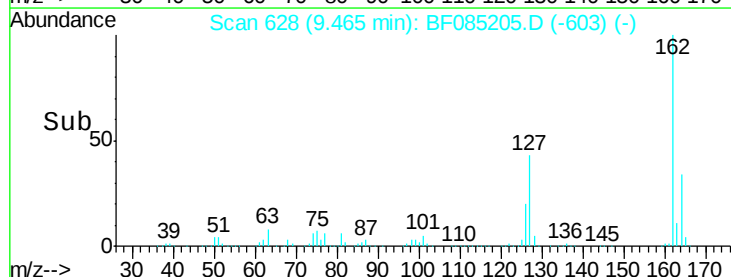


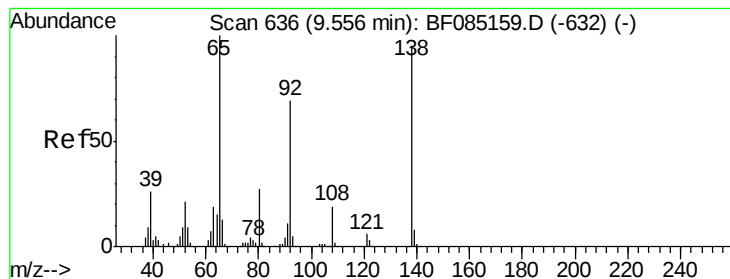
#46
 2-Chloronaphthalene
 Concen: 44.34 ng
 RT: 9.46 min Scan# 628
 Delta R.T. -0.01 min
 Lab File: BF085205.D
 Acq: 4 Mar 2016 16:26

Tgt Ion:162 Resp: 849190
 Ion Ratio Lower Upper
 162 100
 127 43.4 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: 48.40 ng

RT: 9.56 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

Instrument :

BNA_F

ClientSampleId :

PB88682BSD

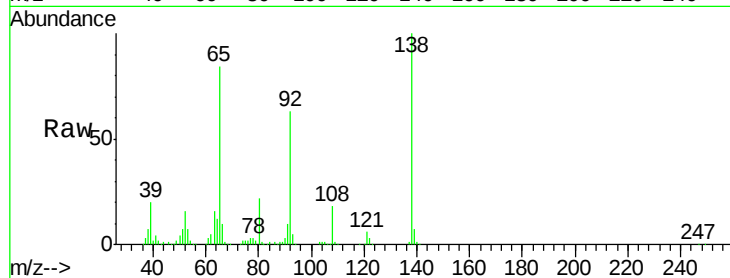
Tgt Ion: 65 Resp: 287206

Ion Ratio Lower Upper

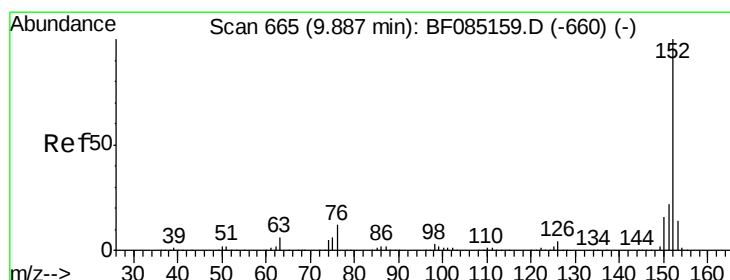
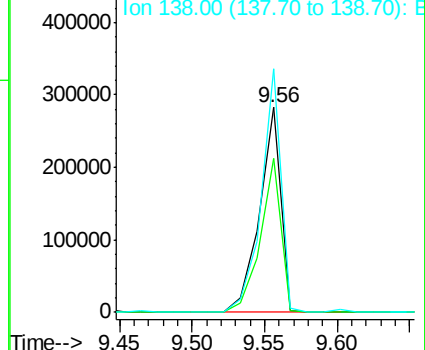
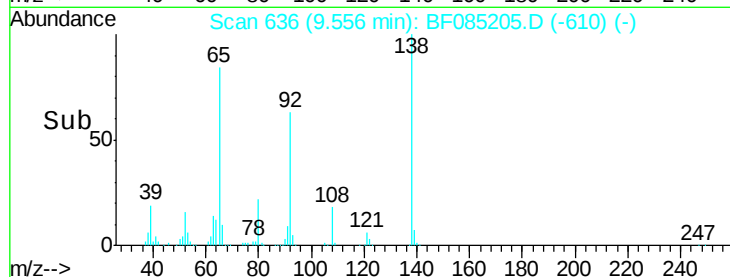
65 100

92 74.9 55.4 83.2

138 118.7 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: 41.87 ng

RT: 9.88 min Scan# 664

Delta R.T. -0.01 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

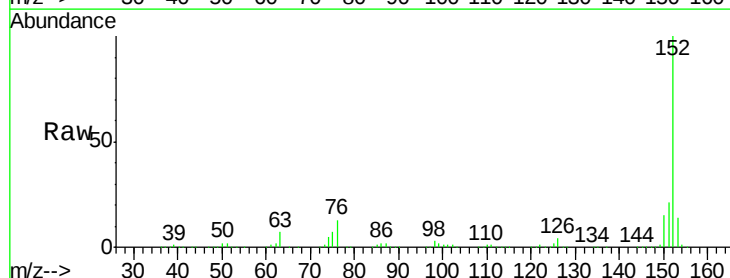
Tgt Ion: 152 Resp: 1247782

Ion Ratio Lower Upper

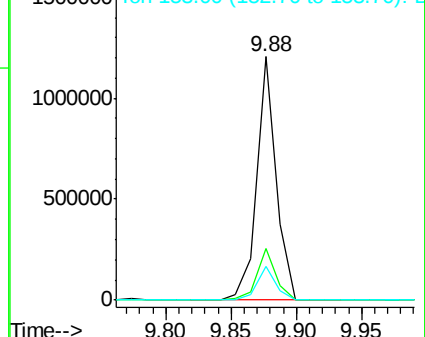
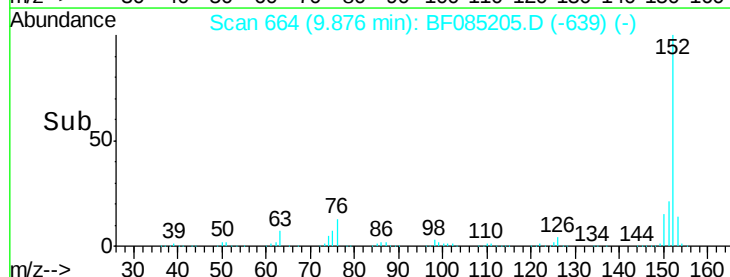
152 100

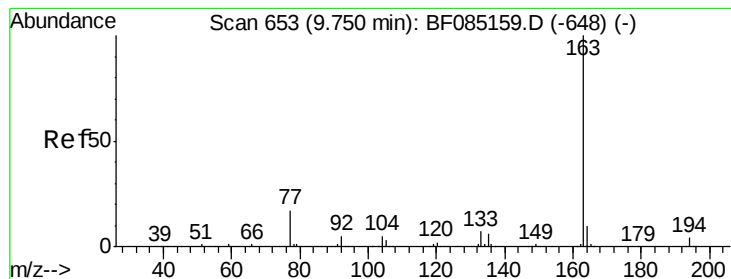
151 21.2 17.5 26.3

153 13.8 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: 44.78 ng

RT: 9.74 min Scan# 652

Delta R.T. -0.01 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

Instrument :

BNA_F

ClientSampled :

PB88682BSD

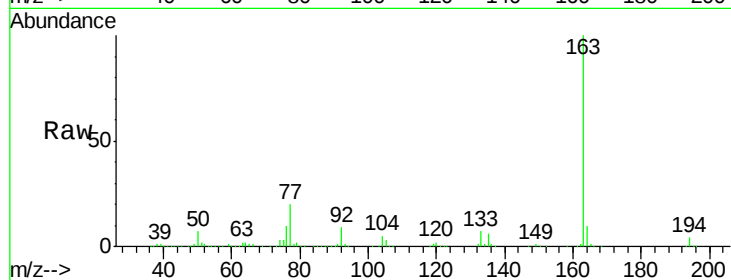
Tgt Ion:163 Resp: 1010607

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

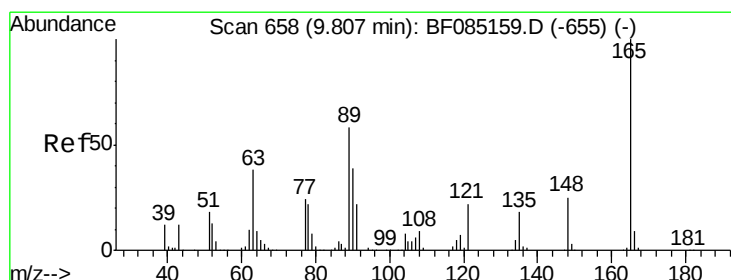
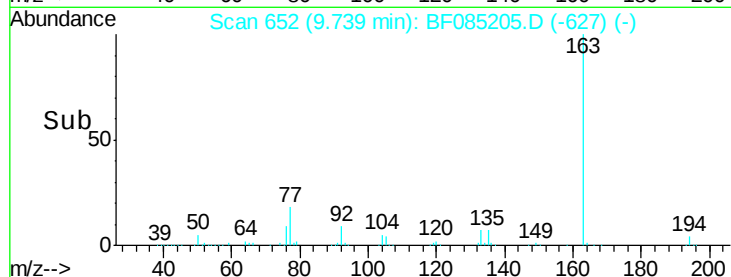
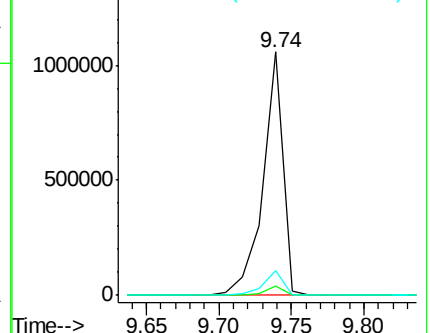
164 10.2 8.2 12.4



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: 42.72 ng

RT: 9.80 min Scan# 657

Delta R.T. -0.01 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

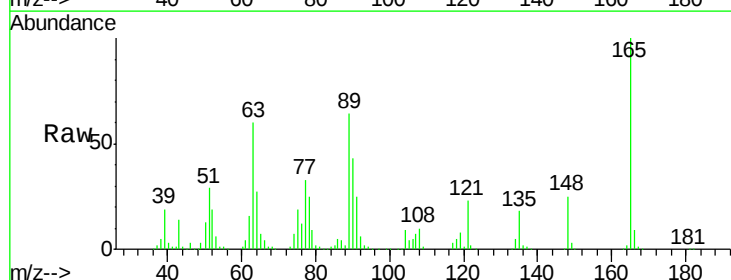
Tgt Ion:165 Resp: 206255

Ion Ratio Lower Upper

165 100

63 59.9 41.8 62.8

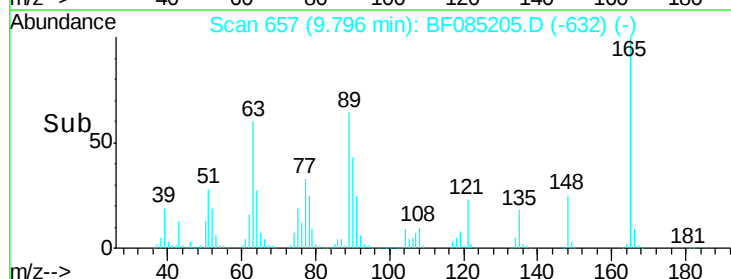
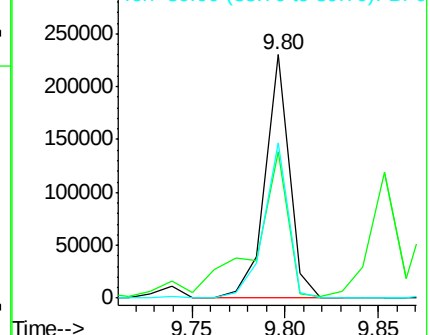
89 63.7 46.7 70.1



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: 46.61 ng

RT: 10.05 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

Instrument :

BNA_F

ClientSampleId :

PB88682BSD

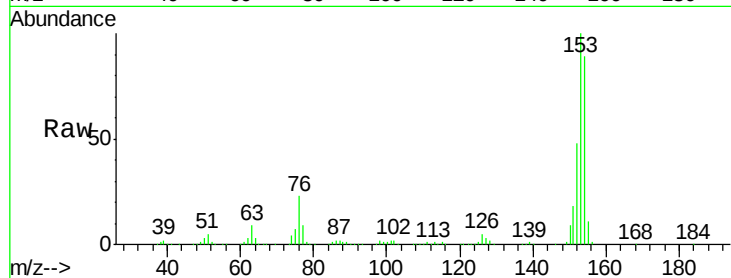
Tgt Ion:154 Resp: 843481

Ion Ratio Lower Upper

154 100

153 113.0 89.8 134.8

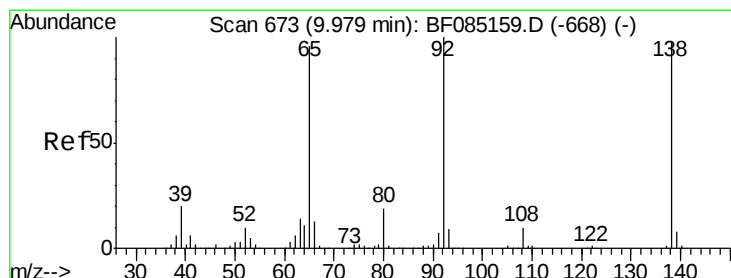
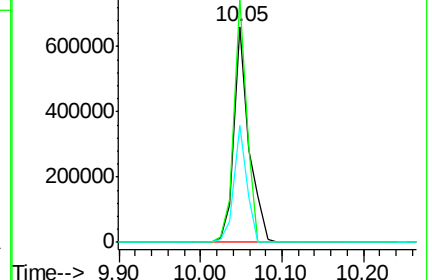
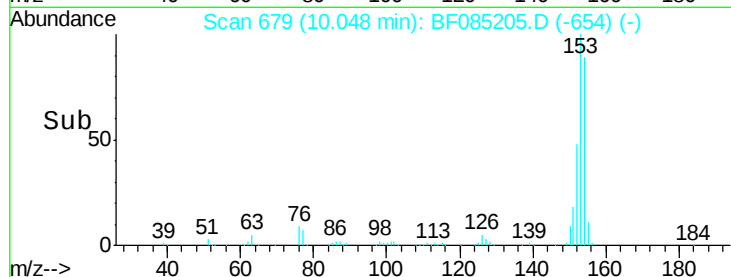
152 54.5 44.6 66.8



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: 15.52 ng

RT: 9.96 min Scan# 671

Delta R.T. -0.02 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

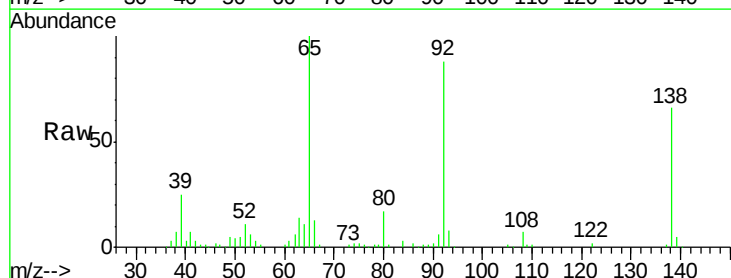
Tgt Ion:138 Resp: 89672

Ion Ratio Lower Upper

138 100

108 11.1 7.8 11.6

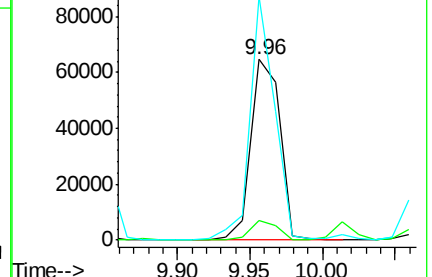
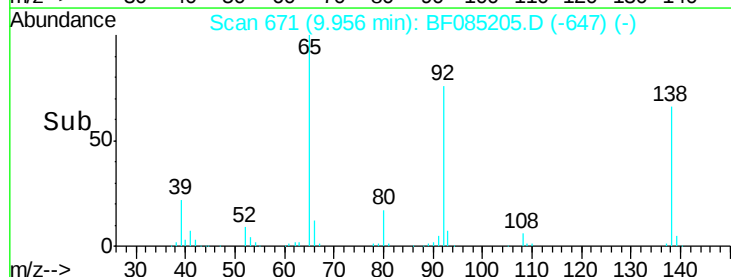
92 134.8 81.3 121.9#

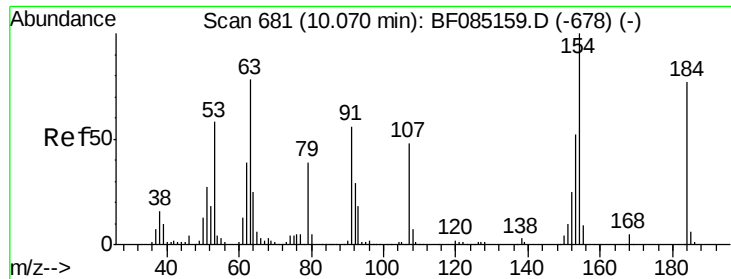


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

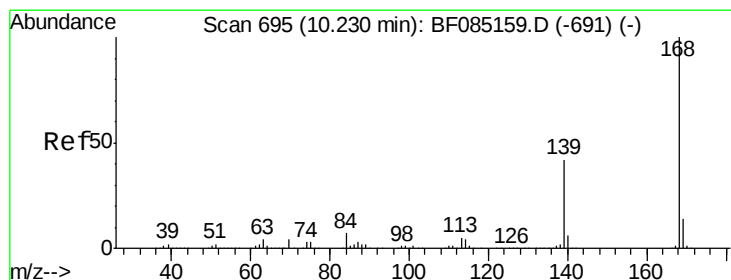
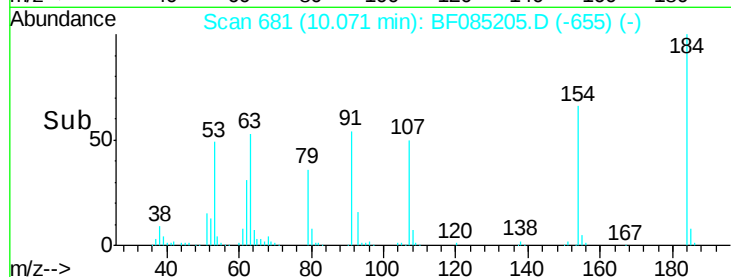
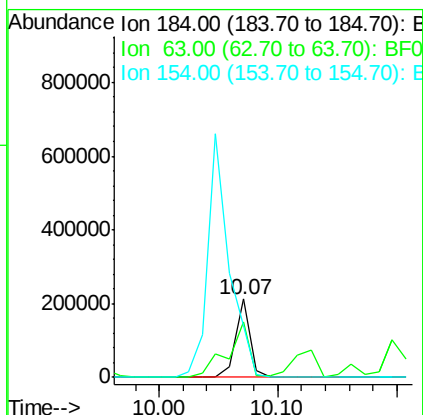
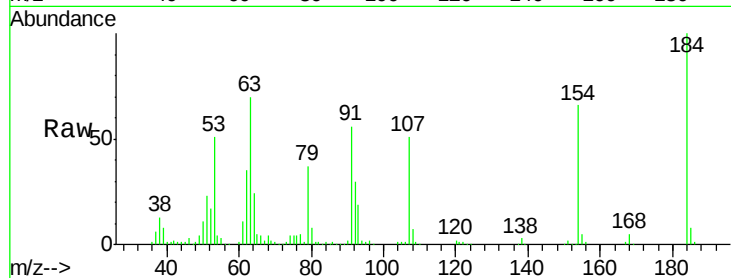




#53
 2,4-Dinitrophenol
 Concen: 75.46 ng
 RT: 10.07 min Scan# 681
 Delta R.T. 0.00 min
 Lab File: BF085205.D
 Acq: 4 Mar 2016 16:26

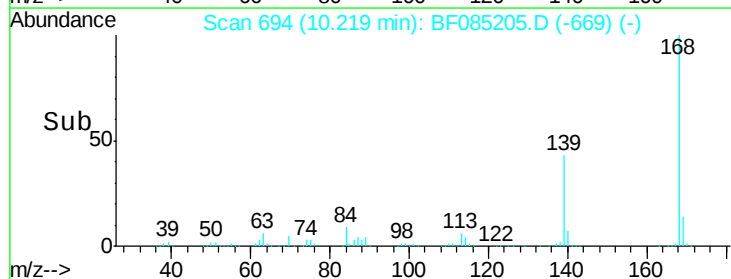
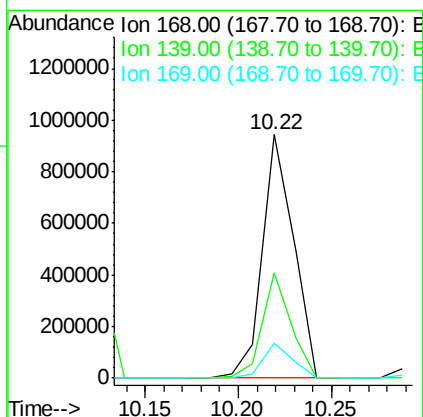
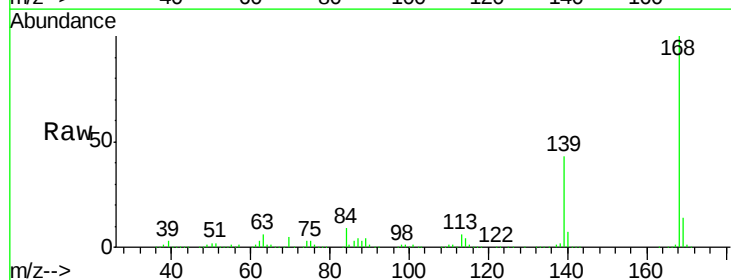
Instrument :
 BNA_F
 ClientSampleId :
 PB88682BSD

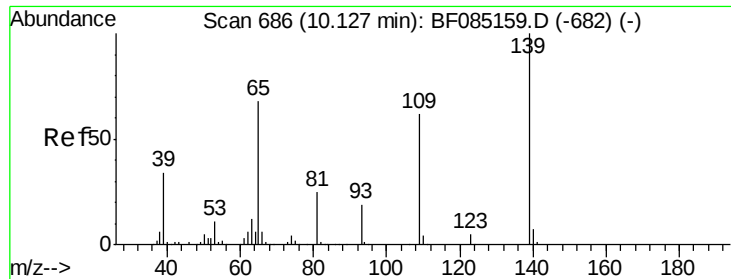
Tgt Ion:184 Resp: 183659
 Ion Ratio Lower Upper
 184 100
 63 70.5 82.2 123.4#
 154 66.4 108.9 163.3#



#54
 Dibenzofuran
 Concen: 45.82 ng
 RT: 10.22 min Scan# 694
 Delta R.T. -0.01 min
 Lab File: BF085205.D
 Acq: 4 Mar 2016 16:26

Tgt Ion:168 Resp: 1086410
 Ion Ratio Lower Upper
 168 100
 139 43.1 33.6 50.4
 169 14.2 11.2 16.8

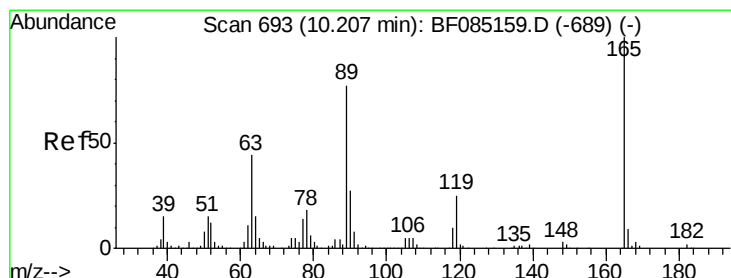
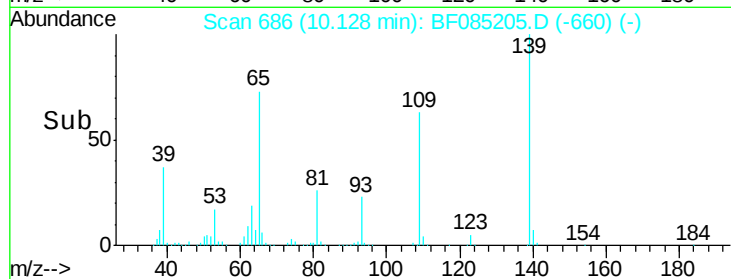
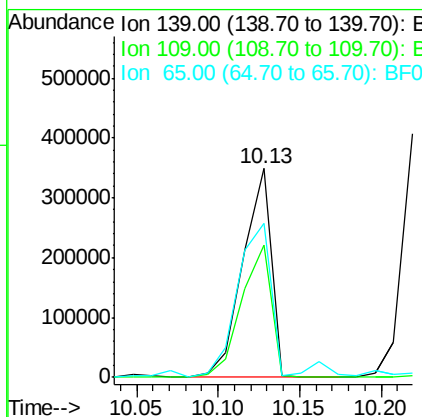
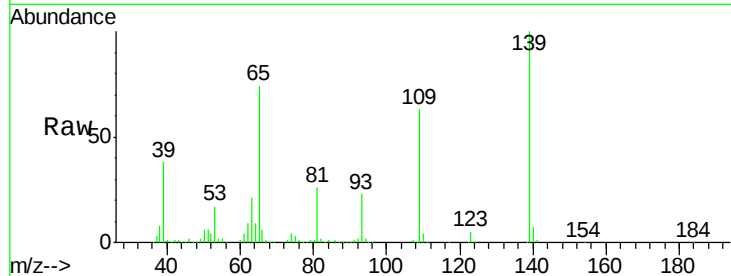




#55
4-Nitrophenol
Concen: 92.41 ng
RT: 10.13 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF085205.D
Acq: 4 Mar 2016 16:26

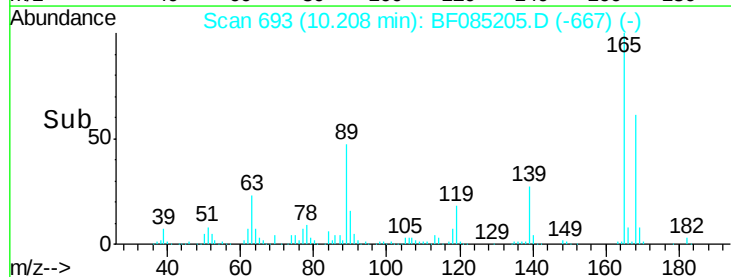
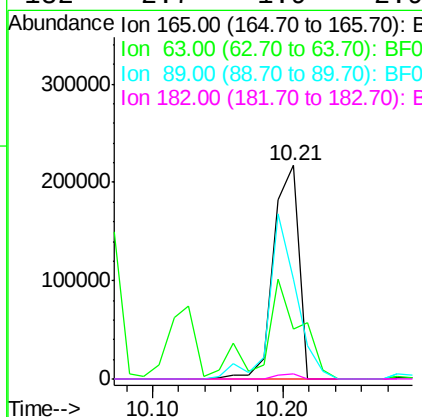
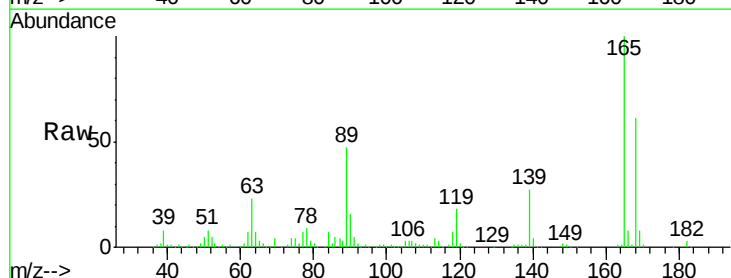
Instrument :
BNA_F
ClientSampleId :
PB88682BSD

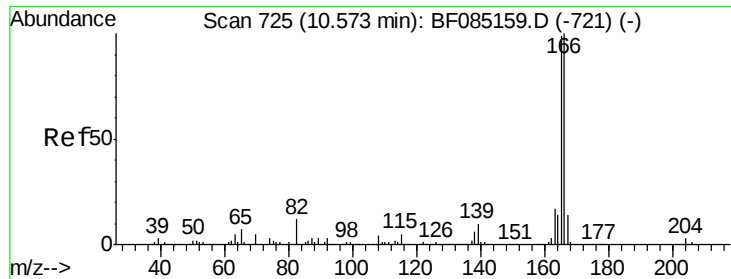
Tgt Ion:139 Resp: 419527
Ion Ratio Lower Upper
139 100
109 63.4 41.9 81.9
65 73.6 48.3 88.3



#56
2,4-Dinitrotoluene
Concen: 47.81 ng
RT: 10.21 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF085205.D
Acq: 4 Mar 2016 16:26

Tgt Ion:165 Resp: 295410
Ion Ratio Lower Upper
165 100
63 23.3 35.4 53.0#
89 46.8 61.9 92.9#
182 2.7 1.9 2.9





#57

Fluorene

Concen: 42.77 ng

RT: 10.56 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

Instrument :

BNA_F

ClientSampleId :

PB88682BSD

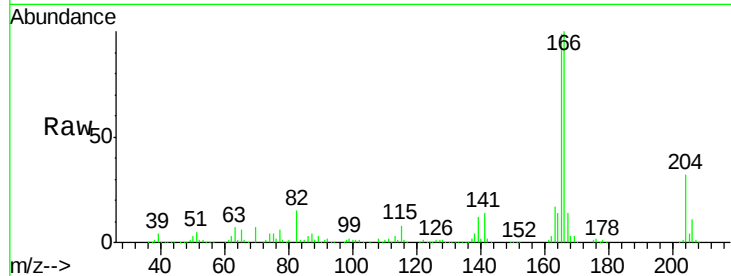
Tgt Ion:166 Resp: 796523

Ion Ratio Lower Upper

166 100

165 99.1 79.4 119.0

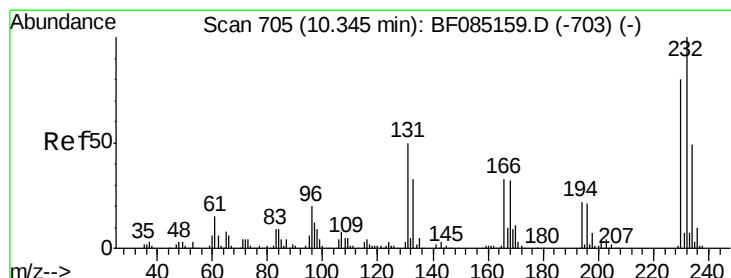
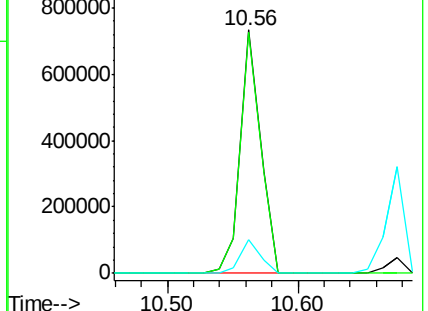
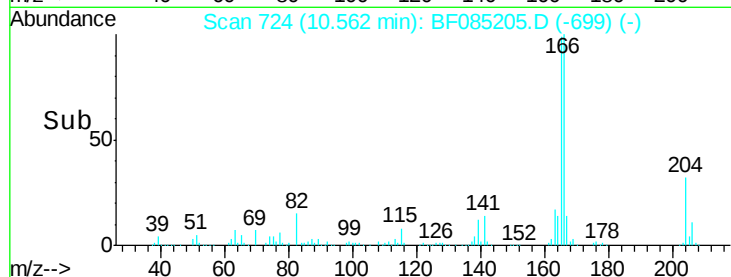
167 13.7 11.0 16.6



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: 46.78 ng

RT: 10.33 min Scan# 704

Delta R.T. -0.01 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

Tgt Ion:232 Resp: 195053

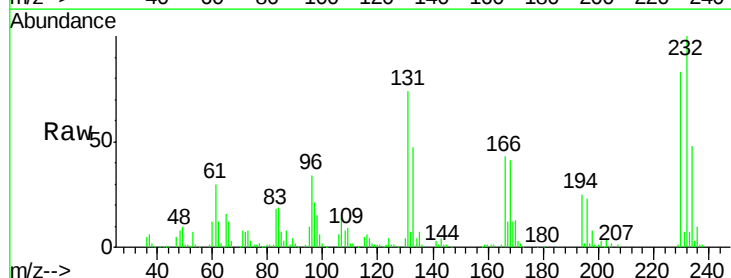
Ion Ratio Lower Upper

232 100

131 55.8 46.0 69.0

130 2.7 2.2 3.4

166 35.6 28.8 43.2

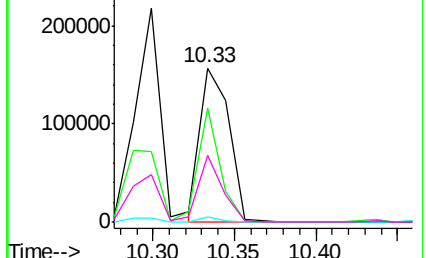
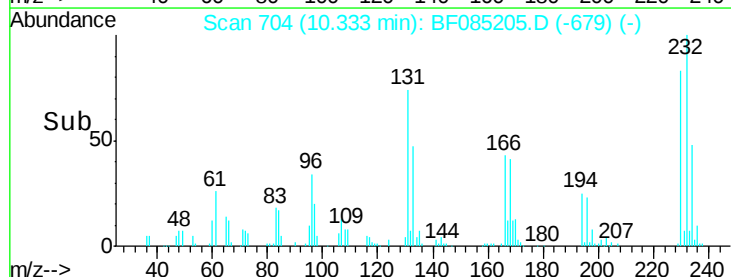


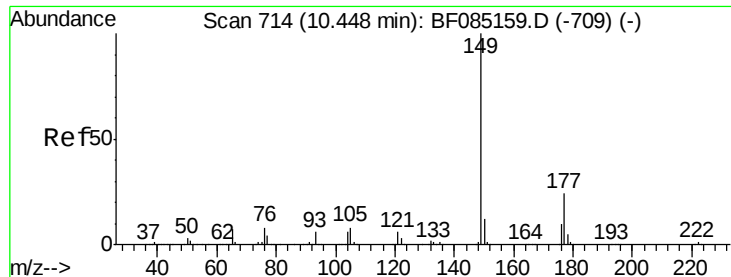
Abundance Ion 232.00 (231.70 to 232.70): E

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

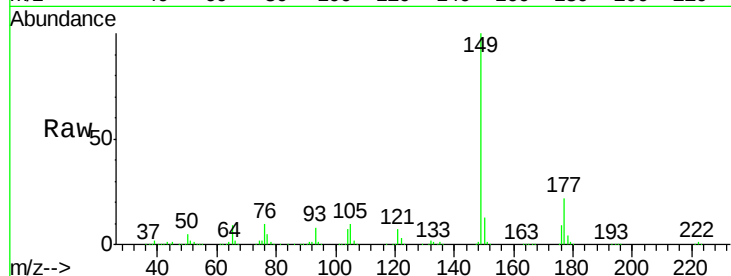




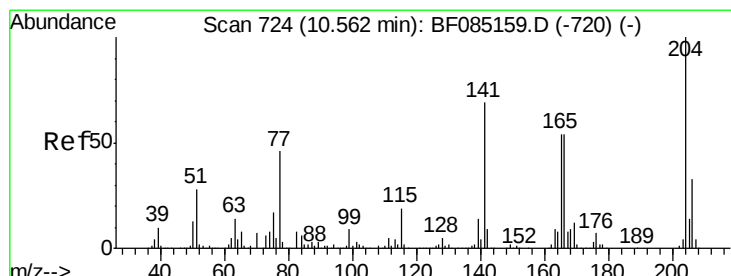
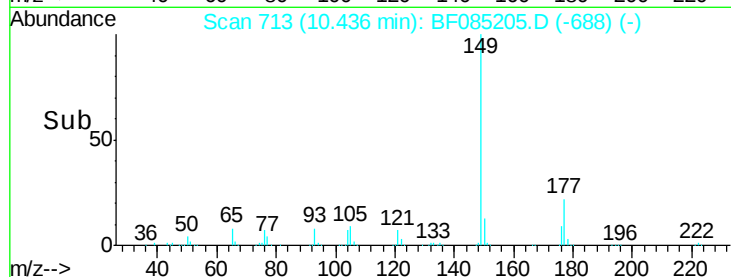
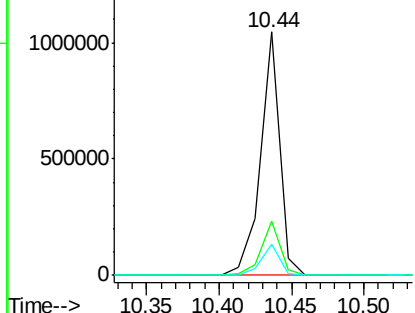
#59
Diethylphthalate
Concen: 43.89 ng
RT: 10.44 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF085205.D
Acq: 4 Mar 2016 16:26

Instrument :
BNA_F
ClientSampleId :
PB88682BSD

Tgt Ion:149 Resp: 961370
Ion Ratio Lower Upper
149 100
177 22.1 19.2 28.8
150 12.9 9.9 14.9

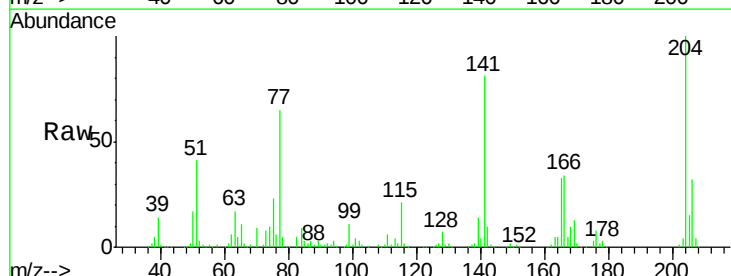


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

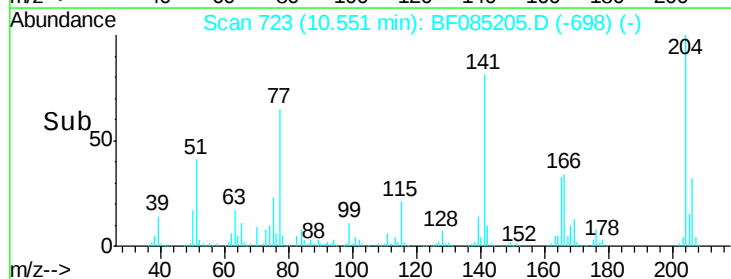
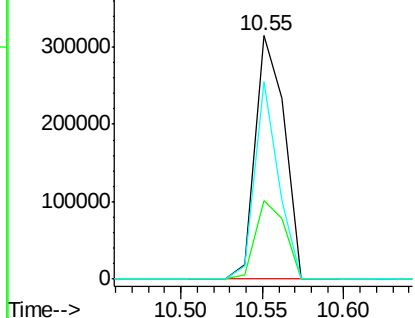


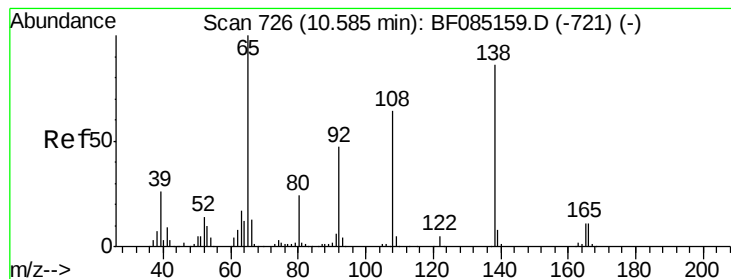
#60
4-Chlorophenyl-phenylether
Concen: 43.04 ng
RT: 10.55 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF085205.D
Acq: 4 Mar 2016 16:26

Tgt Ion:204 Resp: 389992
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 81.0 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: 43.12 ng

RT: 10.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

Instrument :

BNA_F

ClientSampleId :

PB88682BSD

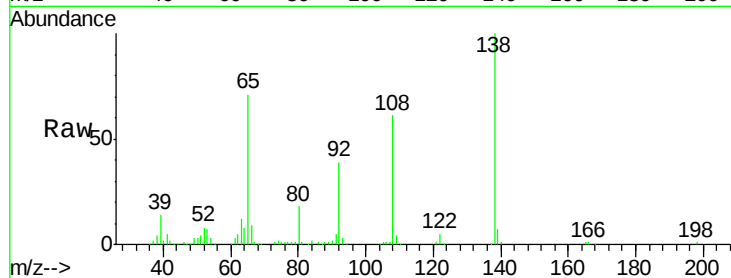
Tgt Ion:138 Resp: 232972

Ion Ratio Lower Upper

138 100

92 39.3 34.2 74.2

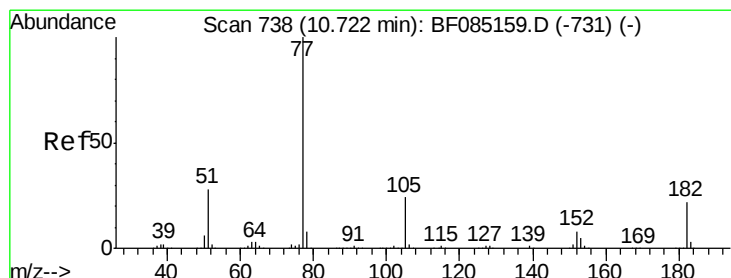
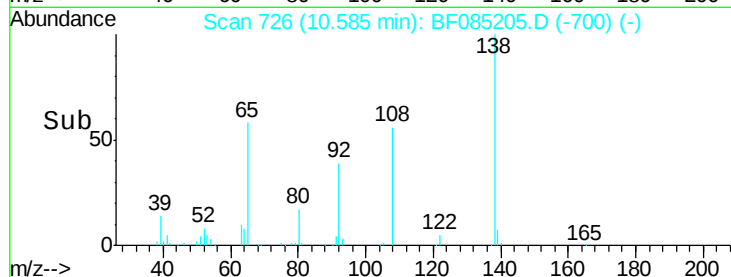
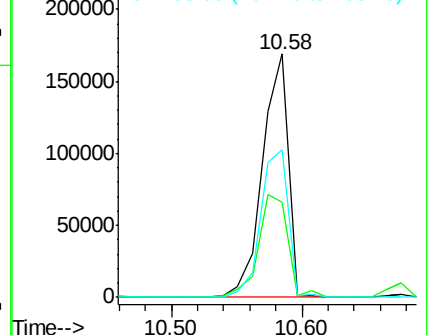
108 60.6 53.9 93.9



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: 46.39 ng

RT: 10.71 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

Tgt Ion: 77 Resp: 1000994

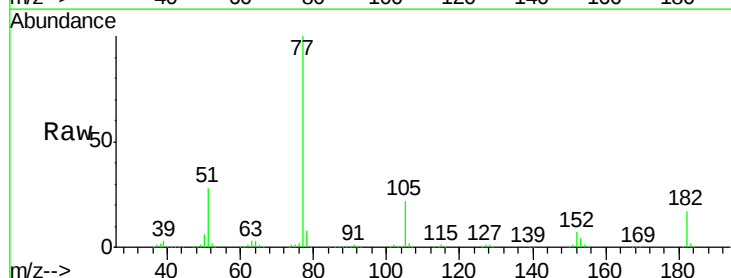
Ion Ratio Lower Upper

77 100

182 17.4 2.1 42.1

105 21.7 3.8 43.8

51 28.3 7.8 47.8

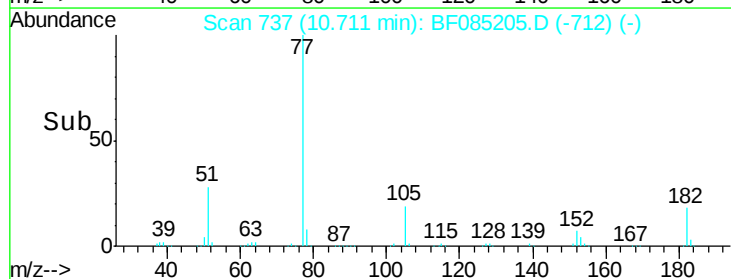
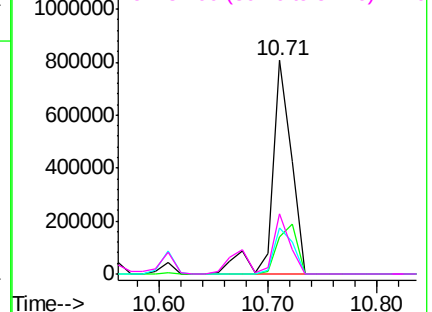


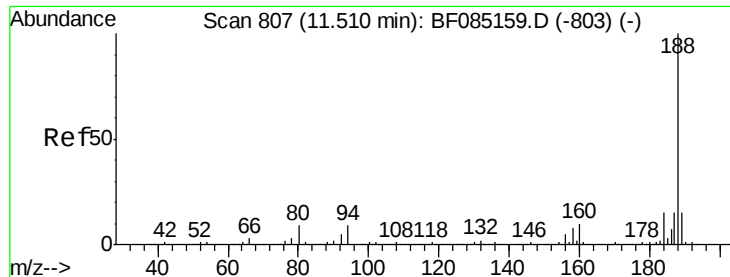
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

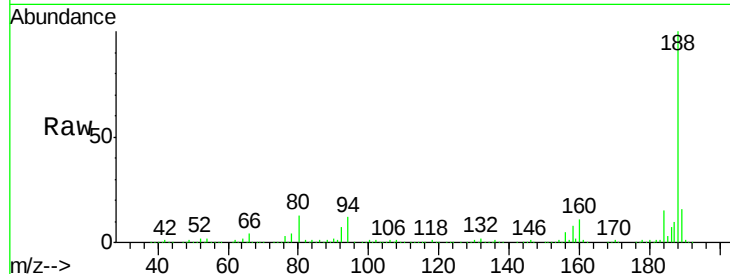




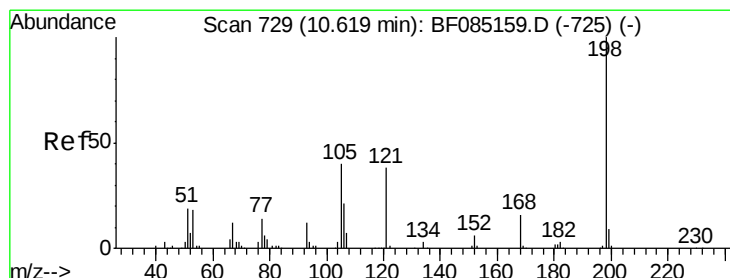
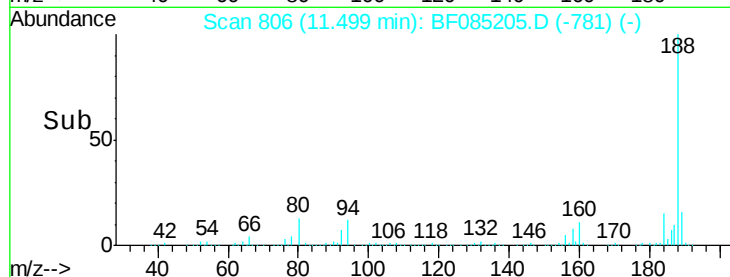
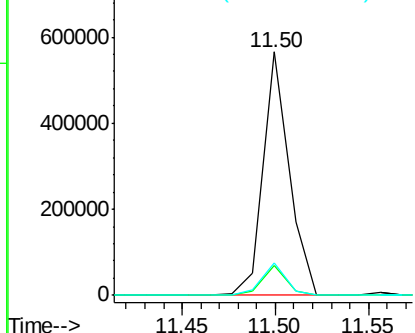
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF085205.D
Acq: 4 Mar 2016 16:26

Instrument :
BNA_F
ClientSampleId :
PB88682BSD

Tgt Ion:188 Resp: 542244
Ion Ratio Lower Upper
188 100
94 12.0 7.0 10.6#
80 13.4 7.4 11.0#

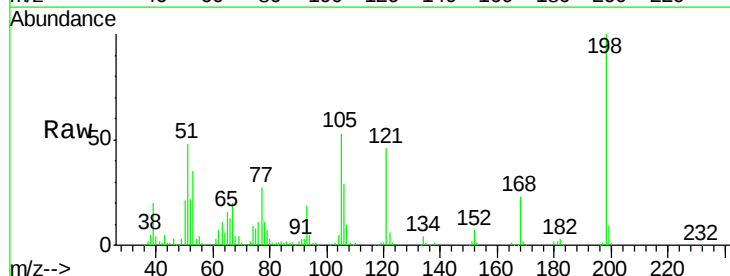


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

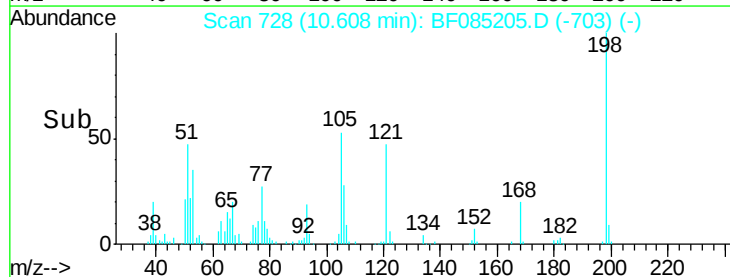
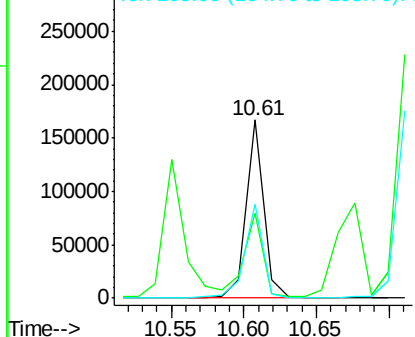


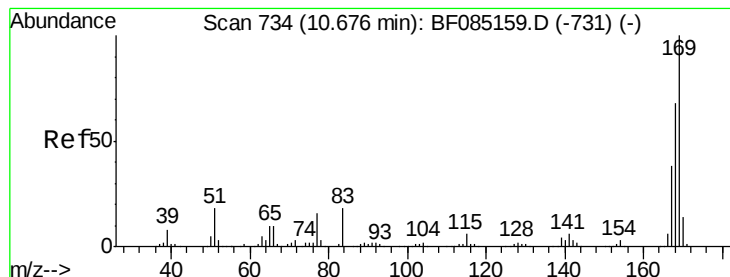
#64
4,6-Dinitro-2-methylphenol
Concen: 42.89 ng
RT: 10.61 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF085205.D
Acq: 4 Mar 2016 16:26

Tgt Ion:198 Resp: 139262
Ion Ratio Lower Upper
198 100
51 48.1 9.5 49.5
105 52.9 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

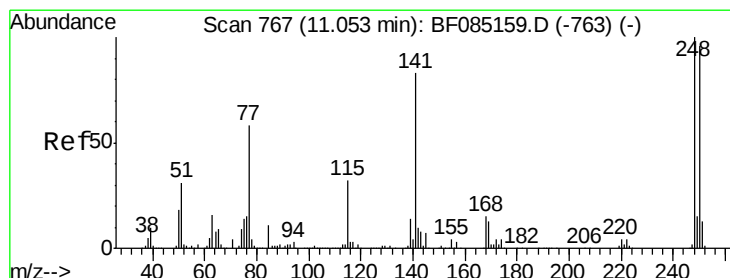
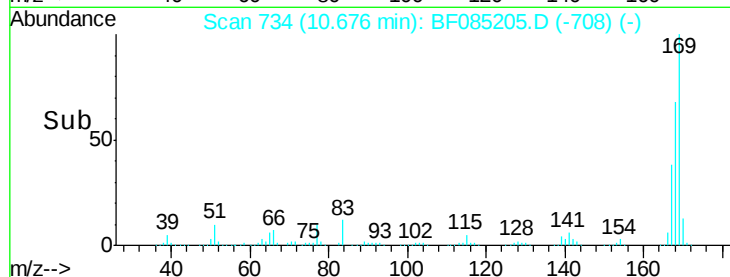
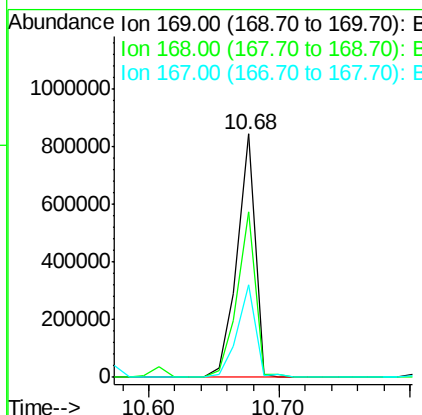
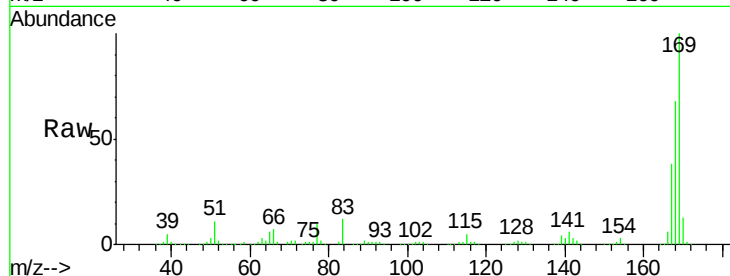




#65
 n-Nitrosodiphenylamine
 Concen: 48.02 ng
 RT: 10.68 min Scan# 734
 Delta R.T. 0.00 min
 Lab File: BF085205.D
 Acq: 4 Mar 2016 16:26

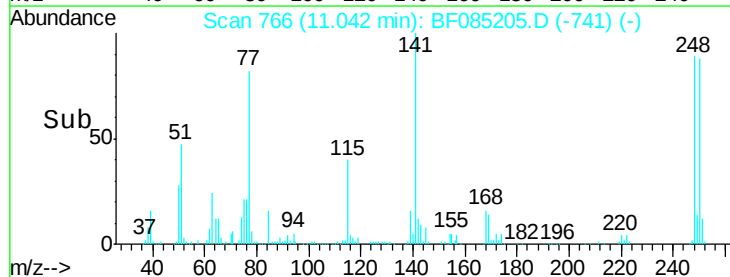
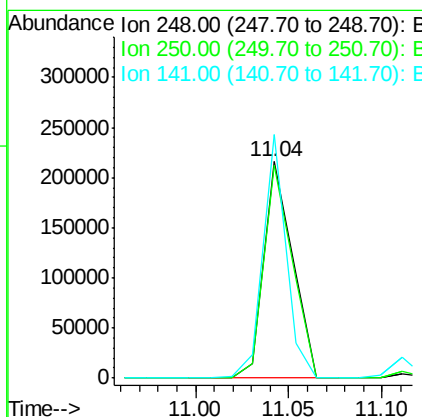
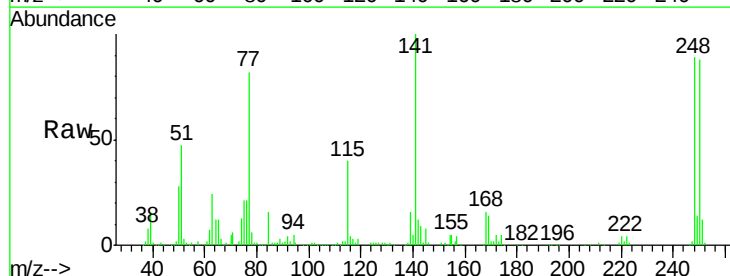
Instrument :
 BNA_F
 ClientSampled :
 PB88682BSD

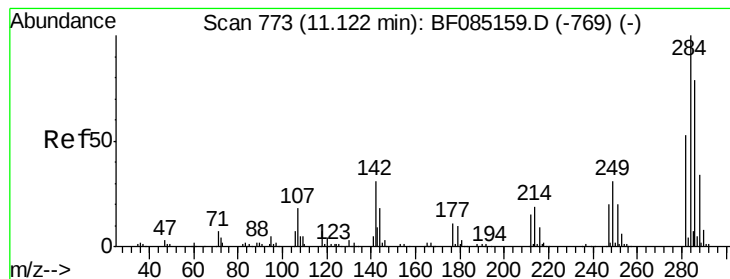
Tgt Ion:169 Resp: 809902
 Ion Ratio Lower Upper
 169 100
 168 67.9 54.8 82.2
 167 38.0 30.3 45.5



#66
 4-Bromophenyl-phenylether
 Concen: 43.50 ng
 RT: 11.04 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: BF085205.D
 Acq: 4 Mar 2016 16:26

Tgt Ion:248 Resp: 229041
 Ion Ratio Lower Upper
 248 100
 250 98.6 77.1 115.7
 141 112.4 66.2 99.2#





#67

Hexachlorobenzene

Concen: 43.02 ng

RT: 11.11 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

Instrument :

BNA_F

ClientSampleId :

PB88682BSD

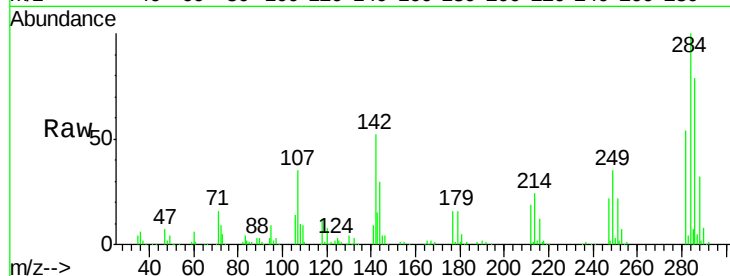
Tgt Ion:284 Resp: 241644

Ion Ratio Lower Upper

284 100

142 52.3 24.9 37.3#

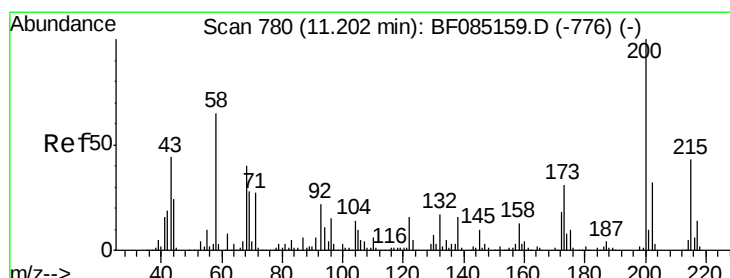
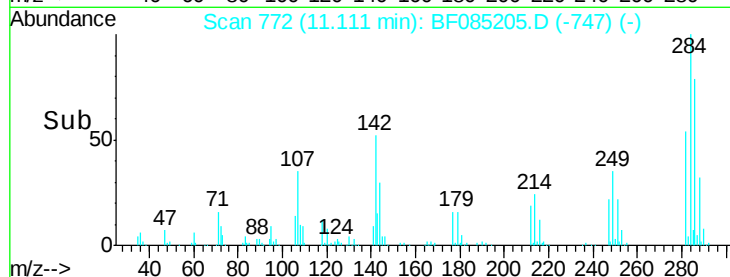
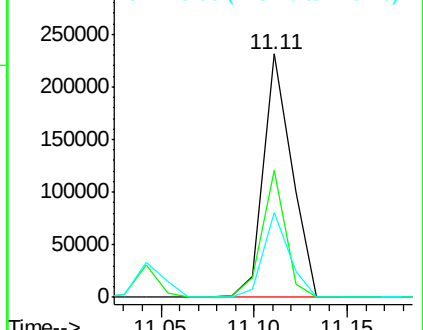
249 35.0 25.0 37.4



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: 58.94 ng

RT: 11.20 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

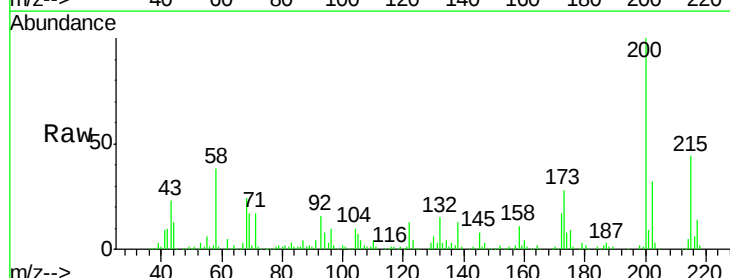
Tgt Ion:200 Resp: 276453

Ion Ratio Lower Upper

200 100

173 28.1 10.5 50.5

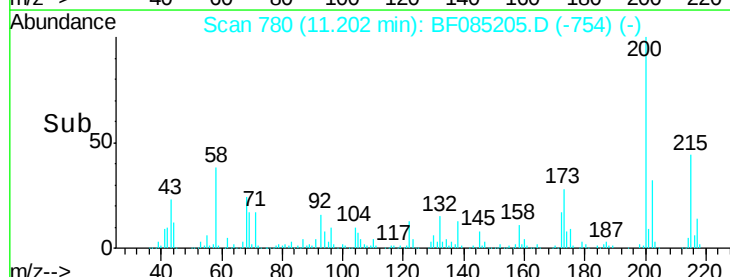
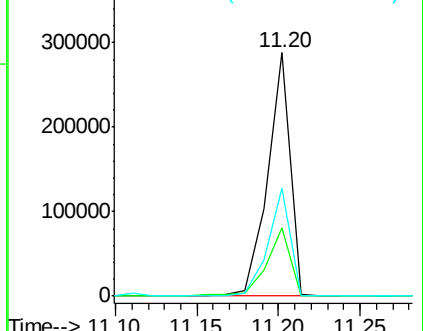
215 44.5 23.4 63.4



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

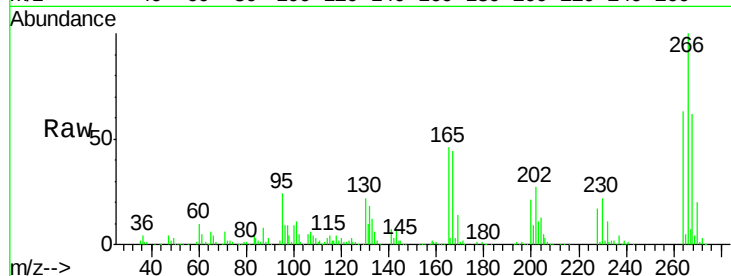




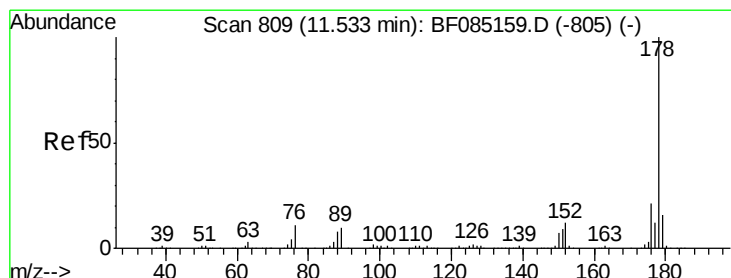
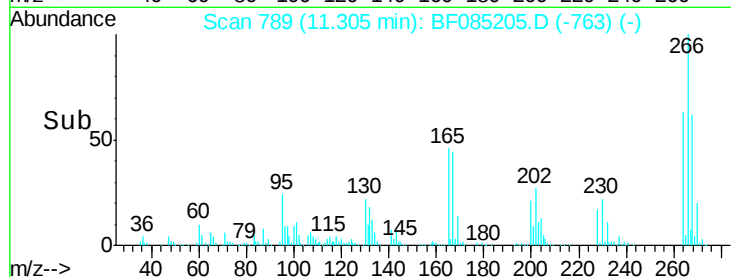
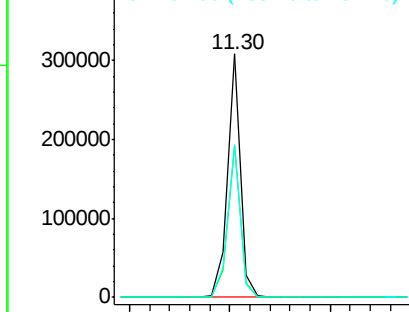
#69
 Pentachlorophenol
 Concen: 88.11 ng
 RT: 11.30 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF085205.D
 Acq: 4 Mar 2016 16:26

Instrument :
 BNA_F
 ClientSampleId :
 PB88682BSD

Tgt Ion: 266 Resp: 274714
 Ion Ratio Lower Upper
 266 100
 268 62.1 50.0 75.0
 264 62.9 51.4 77.2

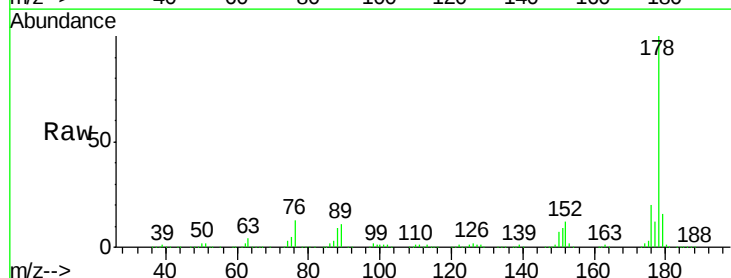


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

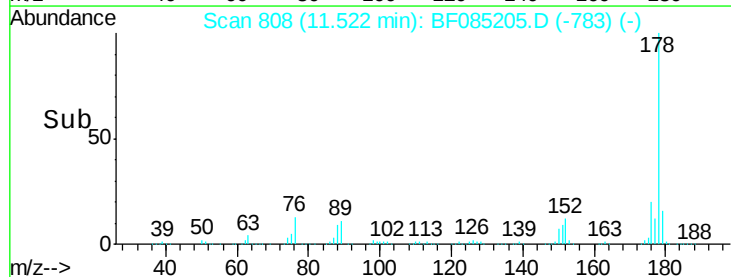
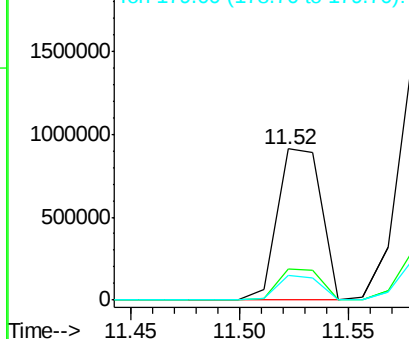


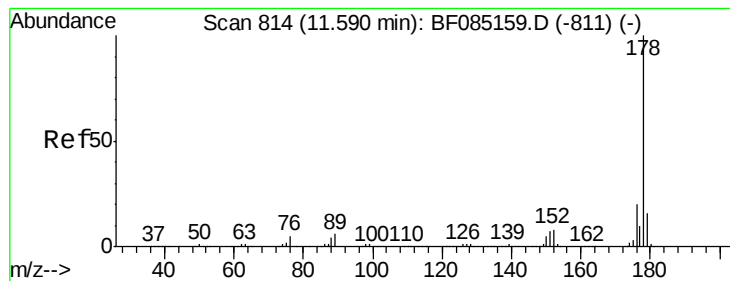
#70
 Phenanthrene
 Concen: 45.29 ng
 RT: 11.52 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF085205.D
 Acq: 4 Mar 2016 16:26

Tgt Ion: 178 Resp: 1286941
 Ion Ratio Lower Upper
 178 100
 176 20.5 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: 42.76 ng

RT: 11.58 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

Instrument :

BNA_F

ClientSampleId :

PB88682BSD

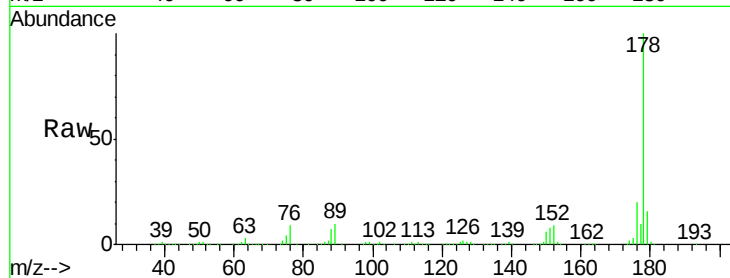
Tgt Ion:178 Resp: 1289853

Ion Ratio Lower Upper

178 100

176 20.4 15.9 23.9

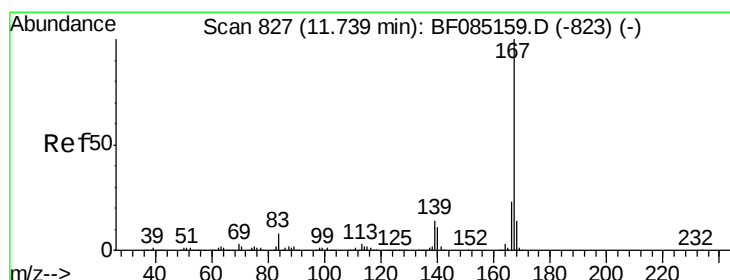
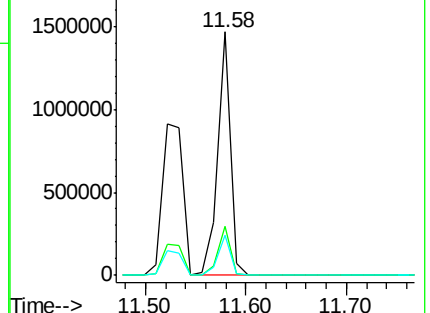
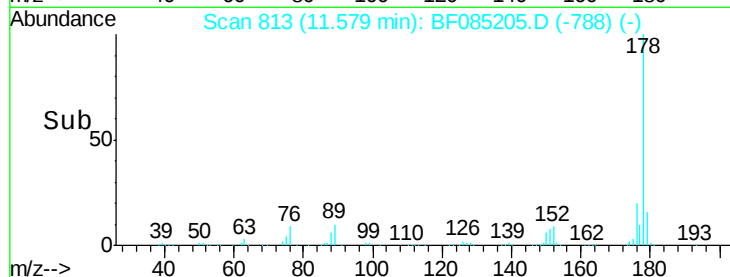
179 16.3 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 39.46 ng

RT: 11.73 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

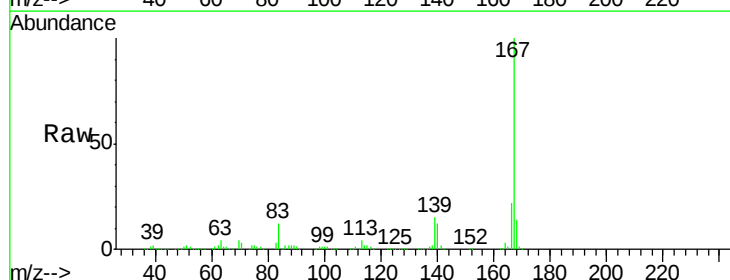
Tgt Ion:167 Resp: 1043943

Ion Ratio Lower Upper

167 100

166 22.3 18.2 27.2

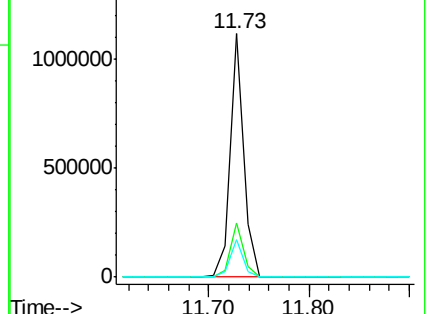
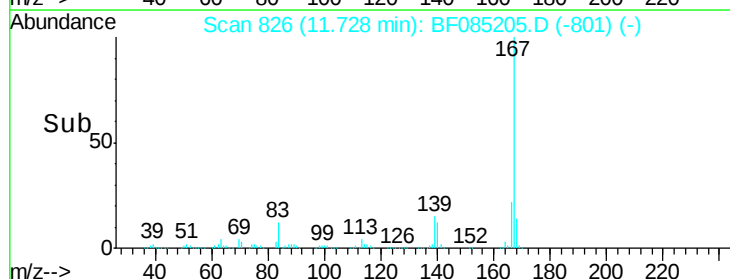
139 15.4 11.4 17.0

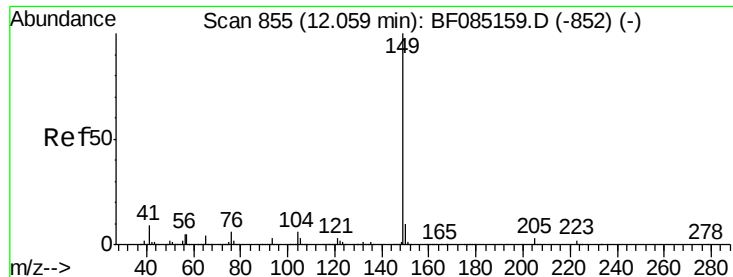


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

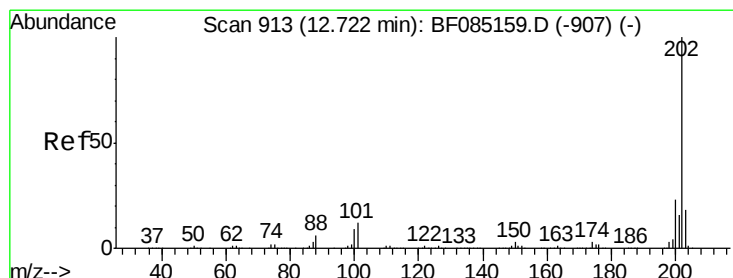
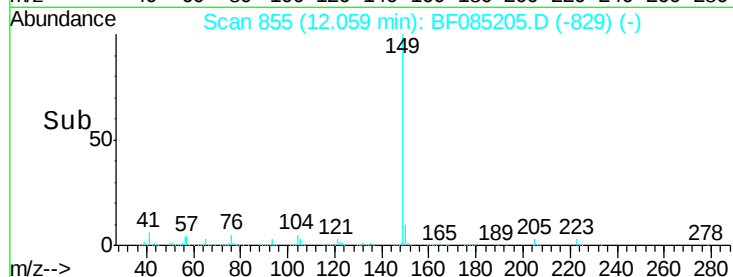
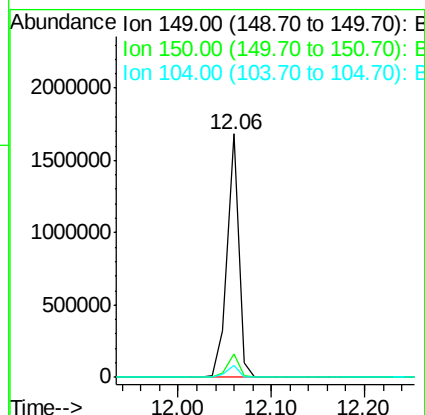
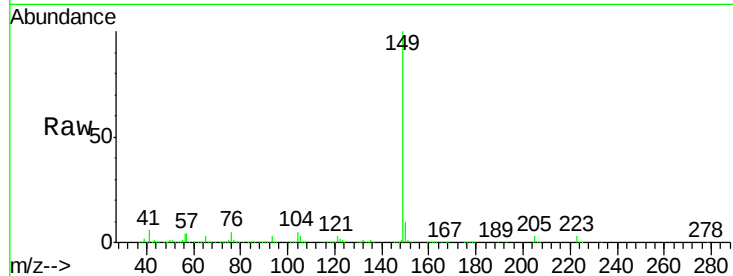




#73
Di-n-butylphthalate
Concen: 43.51 ng
RT: 12.06 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF085205.D
Acq: 4 Mar 2016 16:26

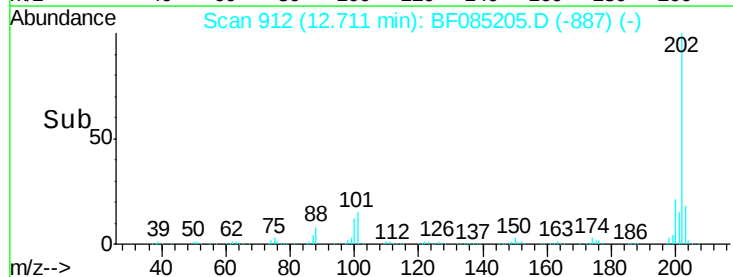
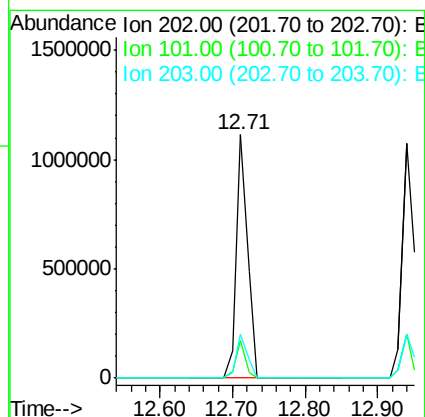
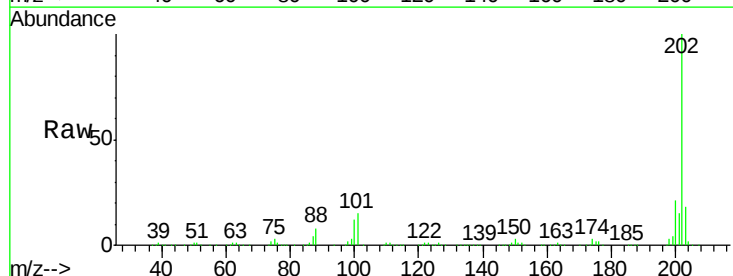
Instrument :
BNA_F
ClientSampleId :
PB88682BSD

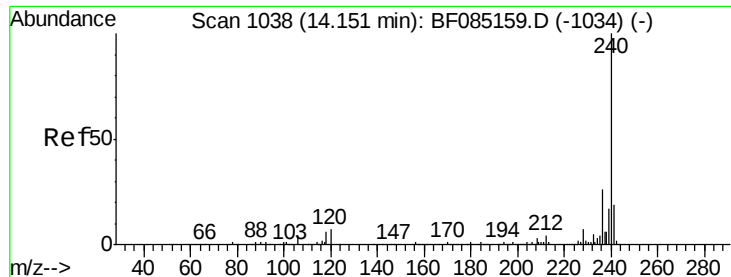
Tgt Ion:149 Resp: 1454783
Ion Ratio Lower Upper
149 100
150 9.8 7.8 11.6
104 5.1 4.7 7.1



#74
Fluoranthene
Concen: 42.04 ng
RT: 12.71 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF085205.D
Acq: 4 Mar 2016 16:26

Tgt Ion:202 Resp: 1198988
Ion Ratio Lower Upper
202 100
101 15.4 0.0 31.8
203 18.2 0.0 38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.14 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

Instrument :

BNA_F

ClientSampleId :

PB88682BSD

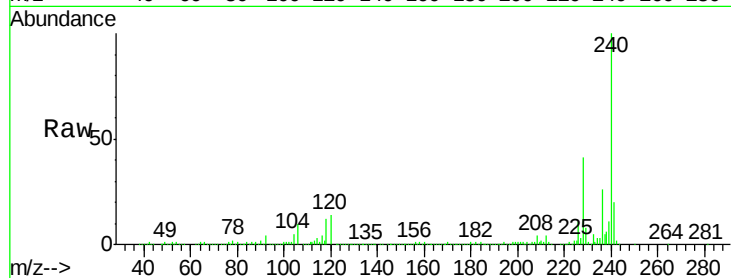
Tgt Ion:240 Resp: 392196

Ion Ratio Lower Upper

240 100

120 14.2 5.3 7.9#

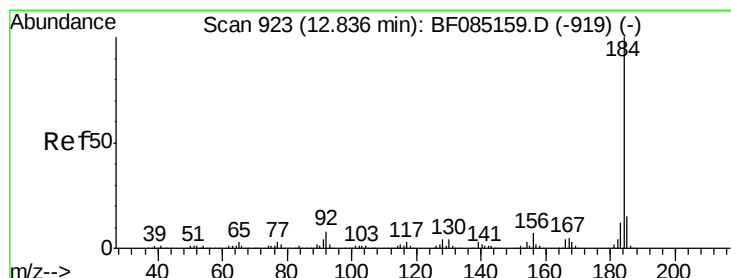
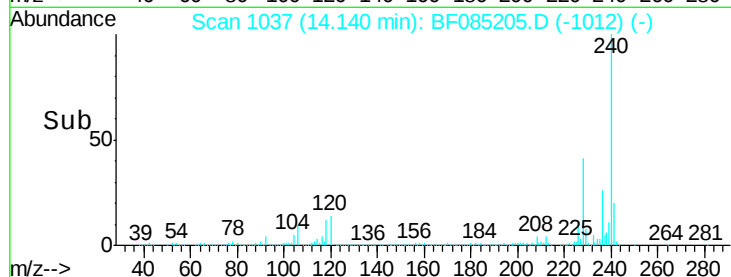
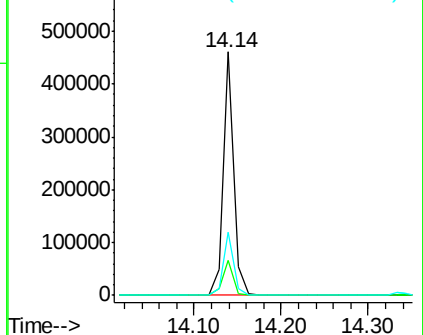
236 26.2 20.7 31.1



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: 26.05 ng

RT: 12.83 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

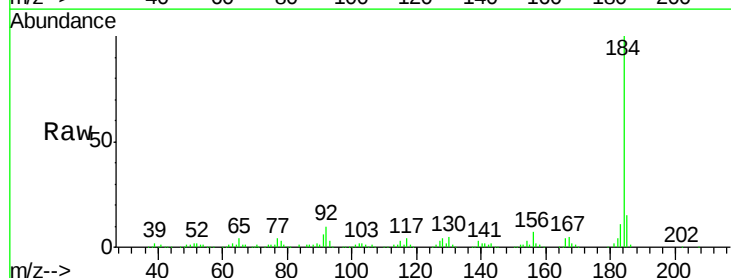
Tgt Ion:184 Resp: 304068

Ion Ratio Lower Upper

184 100

185 14.8 12.4 18.6

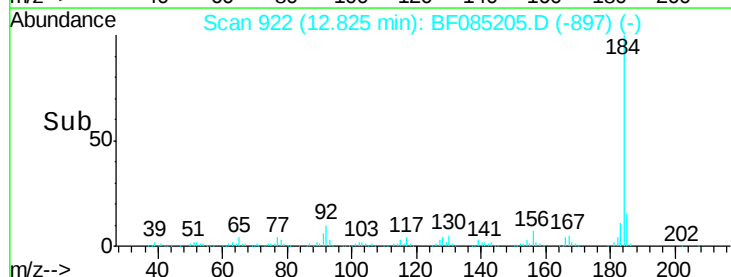
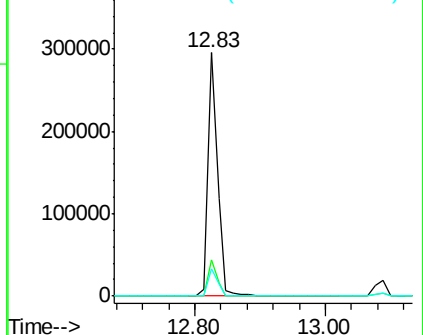
183 11.4 9.4 14.2

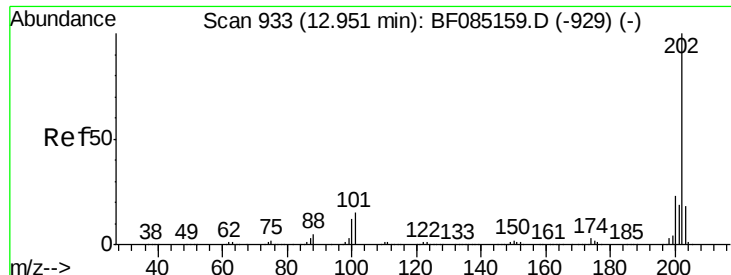


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

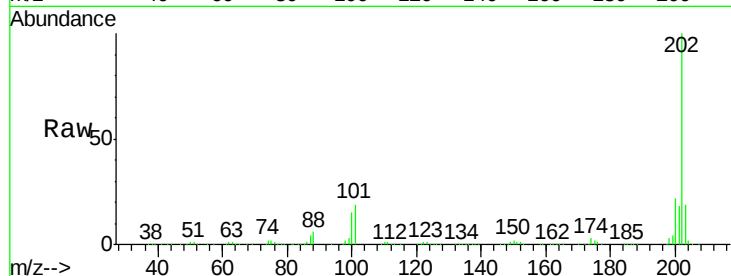




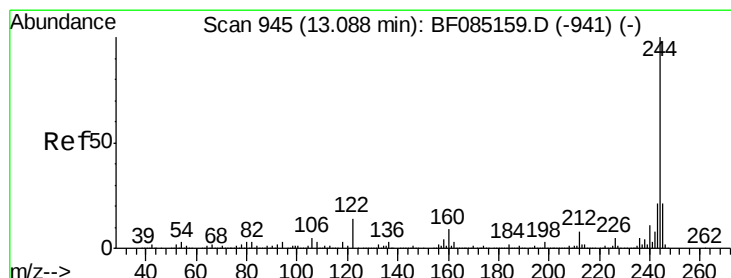
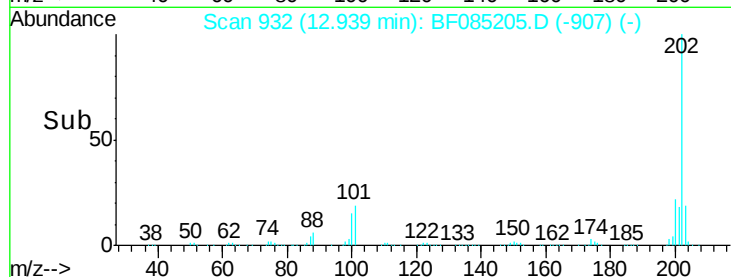
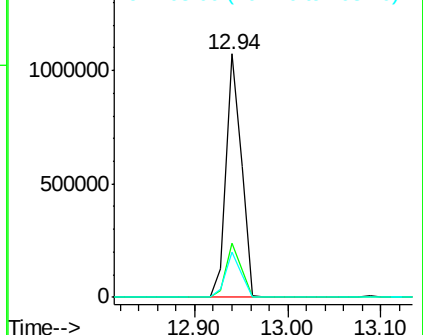
#77
 Pyrene
 Concen: 41.62 ng
 RT: 12.94 min Scan# 932
 Delta R.T. -0.01 min
 Lab File: BF085205.D
 Acq: 4 Mar 2016 16:26

Instrument :
 BNA_F
 ClientSampleId :
 PB88682BSD

Tgt Ion:202 Resp: 1228586
 Ion Ratio Lower Upper
 202 100
 200 22.4 18.2 27.4
 203 18.5 14.7 22.1

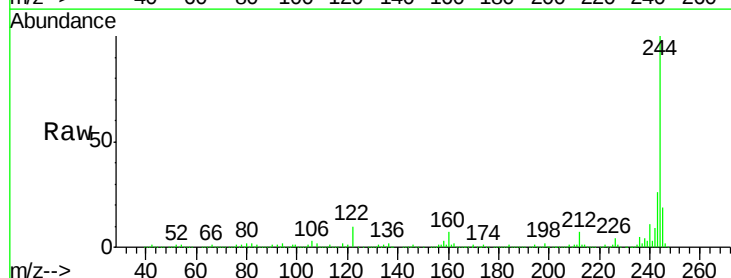


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

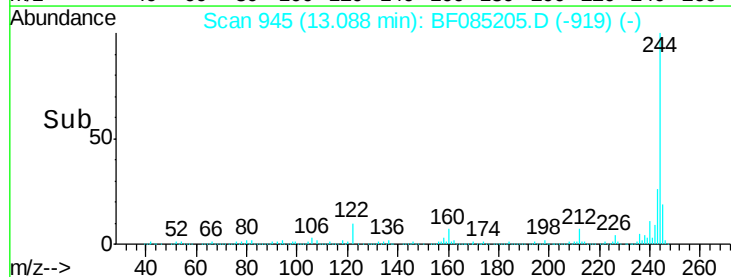
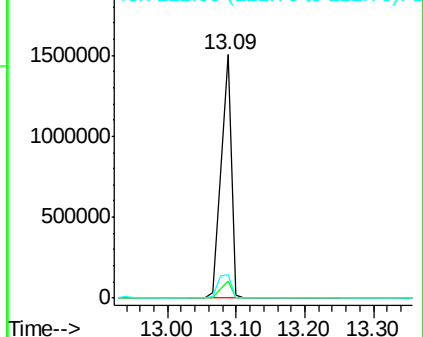


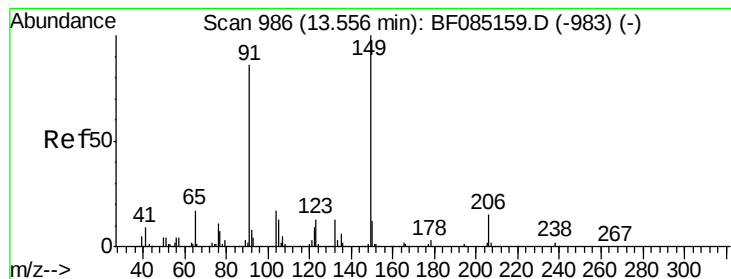
#78
 Terphenyl-d14
 Concen: 94.47 ng
 RT: 13.09 min Scan# 945
 Delta R.T. 0.00 min
 Lab File: BF085205.D
 Acq: 4 Mar 2016 16:26

Tgt Ion:244 Resp: 1595992
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.4 9.6
 122 9.6 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: 44.69 ng

RT: 13.56 min Scan# 986

Delta R.T. 0.00 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

Instrument :

BNA_F

ClientSampleId :

PB88682BSD

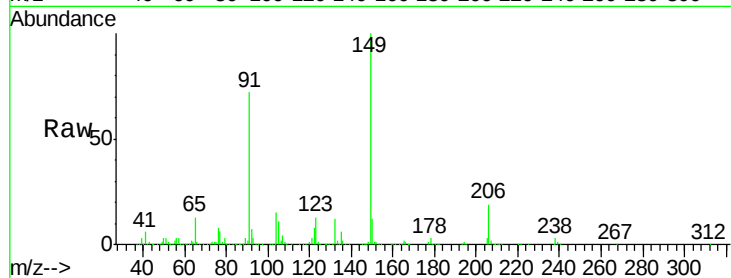
Tgt Ion:149 Resp: 598618

Ion Ratio Lower Upper

149 100

91 71.9 69.0 103.4

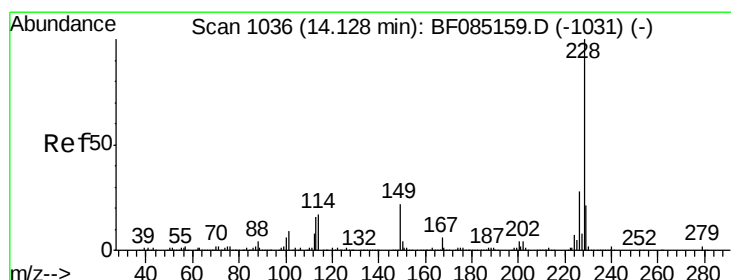
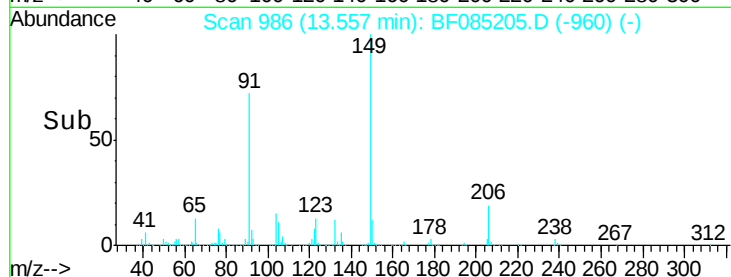
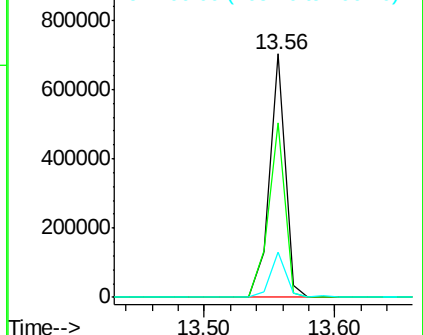
206 18.6 12.3 18.5#



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: 41.76 ng

RT: 14.13 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

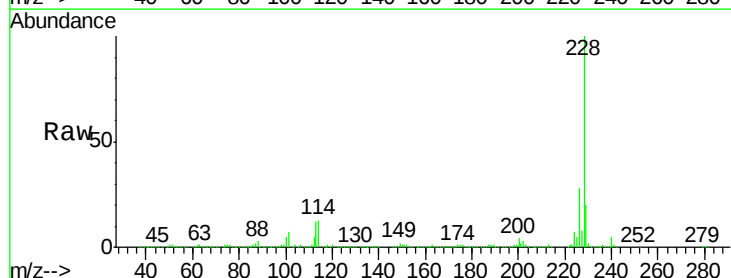
Tgt Ion:228 Resp: 980565

Ion Ratio Lower Upper

228 100

226 28.2 22.8 34.2

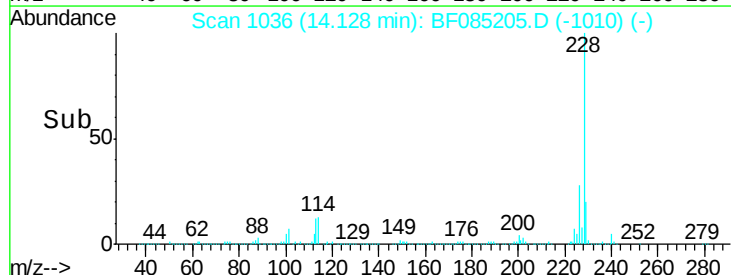
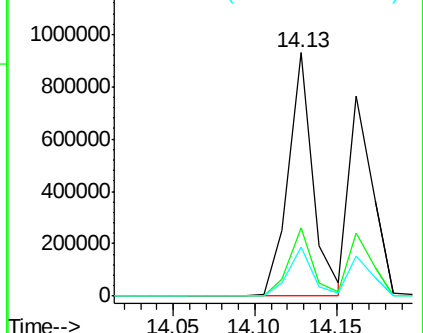
229 20.0 16.6 24.8

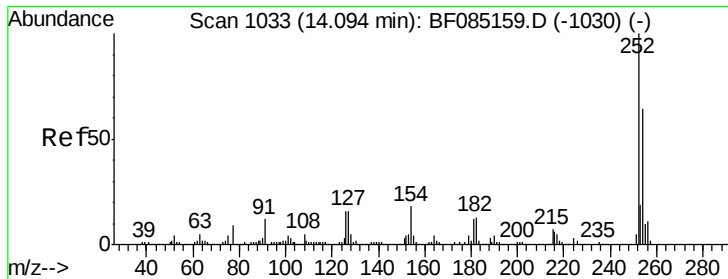


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

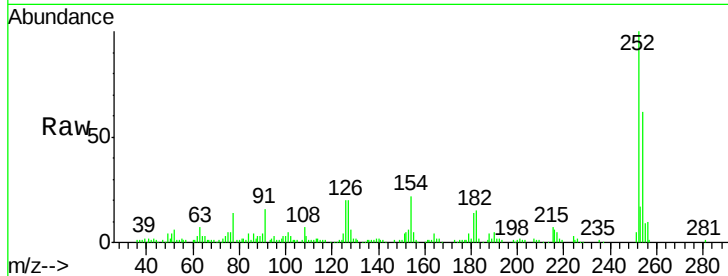




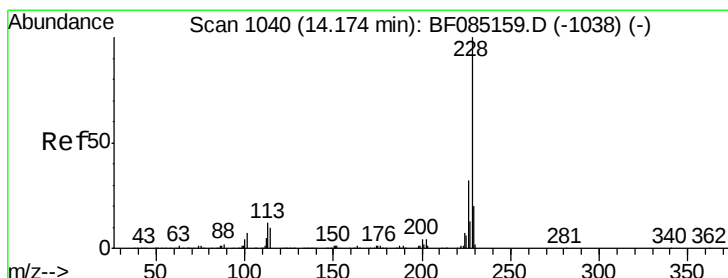
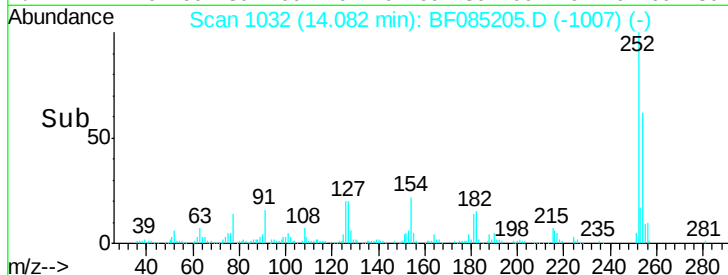
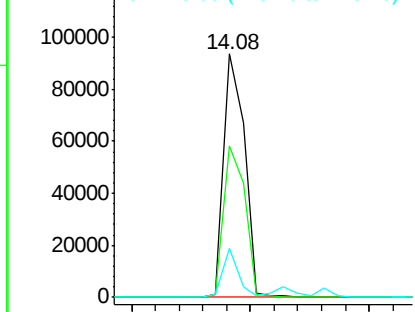
#81
 3,3'-Dichlorobenzidine
 Concen: 15.29 ng
 RT: 14.08 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF085205.D
 Acq: 4 Mar 2016 16:26

Instrument :
 BNA_F
 ClientSampleId :
 PB88682BSD

Tgt Ion:252 Resp: 113212
 Ion Ratio Lower Upper
 252 100
 254 62.3 51.4 77.0
 126 20.1 12.9 19.3#

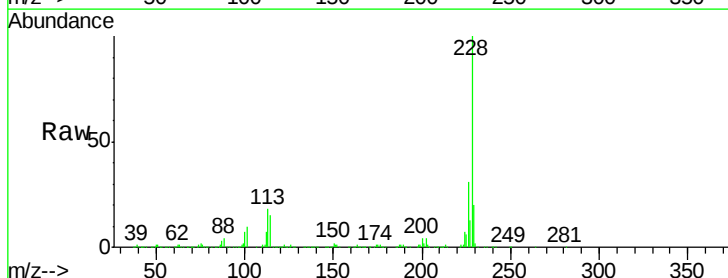


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

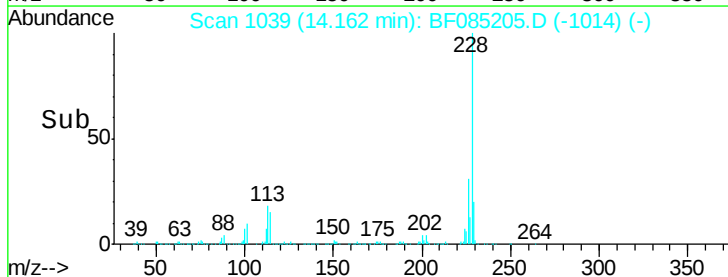
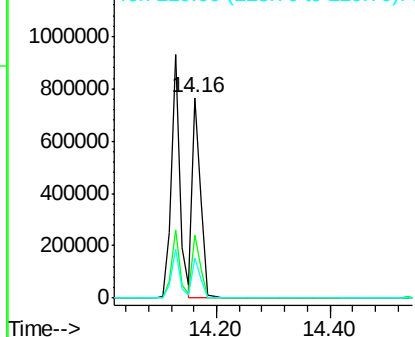


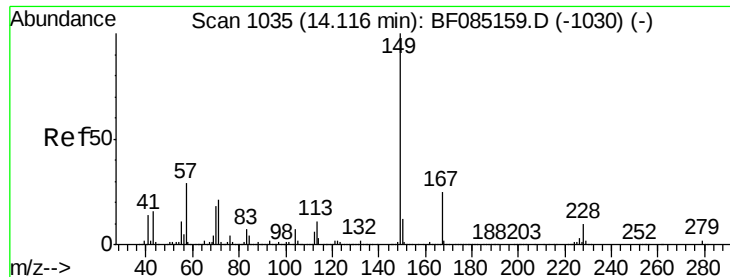
#82
 Chrysene
 Concen: 36.74 ng
 RT: 14.16 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF085205.D
 Acq: 4 Mar 2016 16:26

Tgt Ion:228 Resp: 796813
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.2 37.8
 229 20.1 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

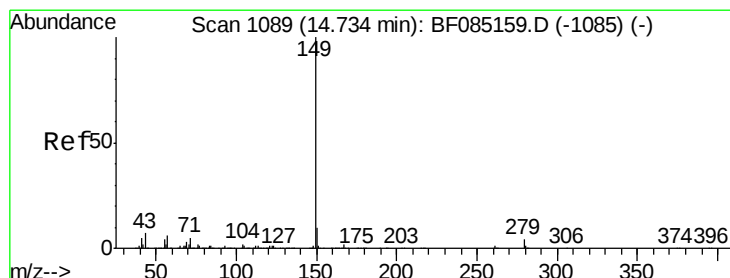
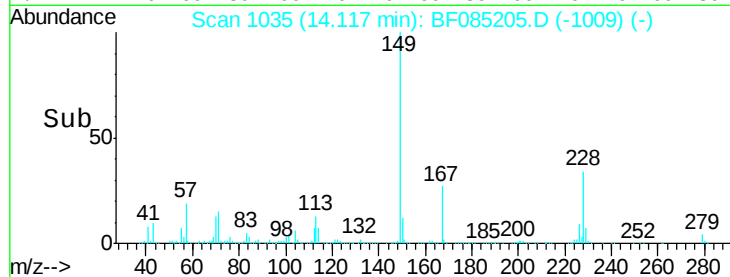
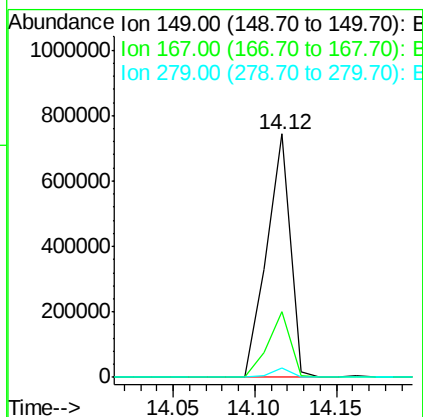
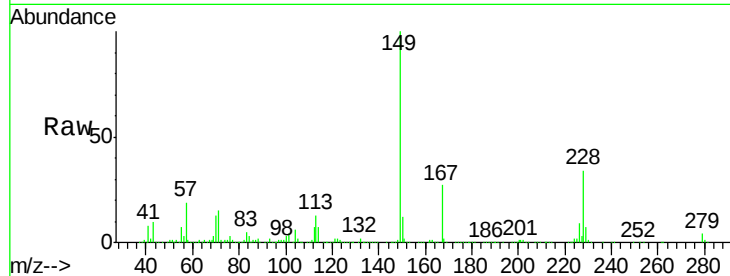




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.65 ng
 RT: 14.12 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF085205.D
 Acq: 4 Mar 2016 16:26

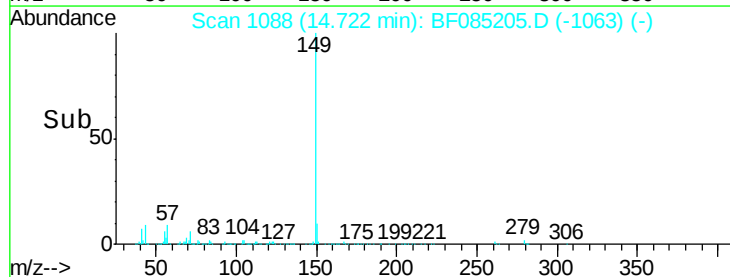
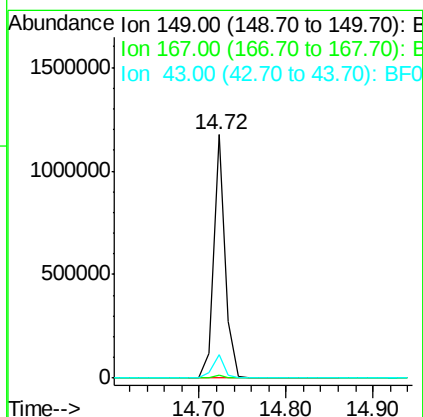
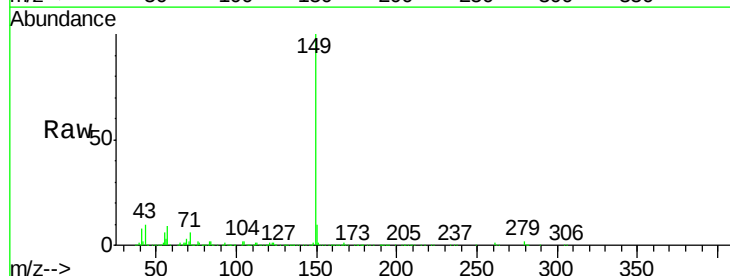
Instrument :
 BNA_F
 ClientSampleId :
 PB88682BSD

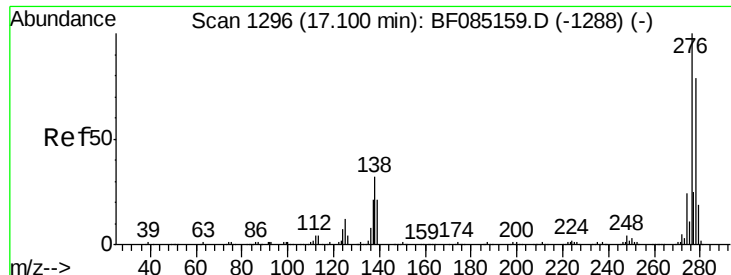
Tgt Ion:149 Resp: 751795
 Ion Ratio Lower Upper
 149 100
 167 26.9 20.3 30.5
 279 4.1 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 40.35 ng
 RT: 14.72 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BF085205.D
 Acq: 4 Mar 2016 16:26

Tgt Ion:149 Resp: 1083254
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.1 1.7
 43 9.3 7.8 11.8

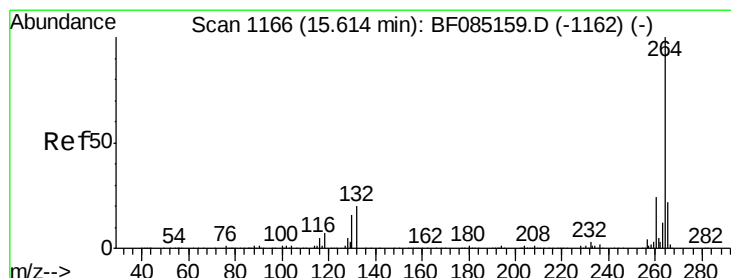
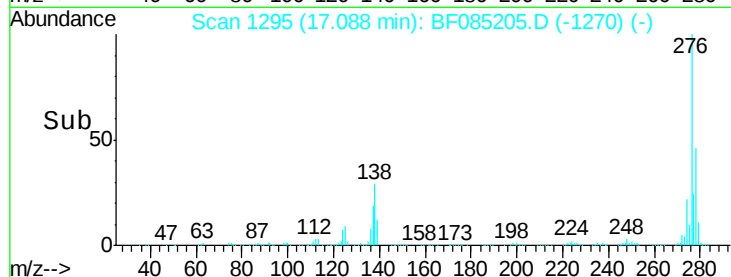
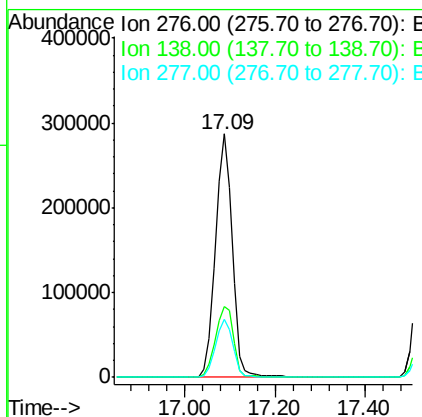
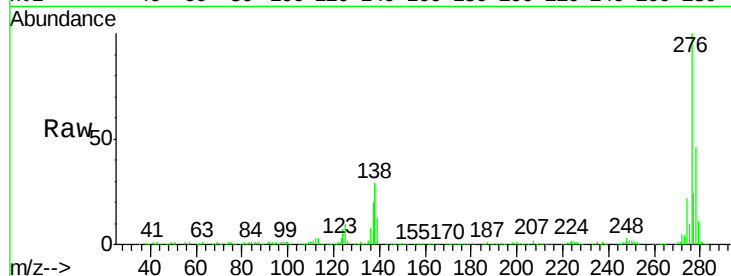




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.49 ng
 RT: 17.09 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF085205.D
 Acq: 4 Mar 2016 16:26

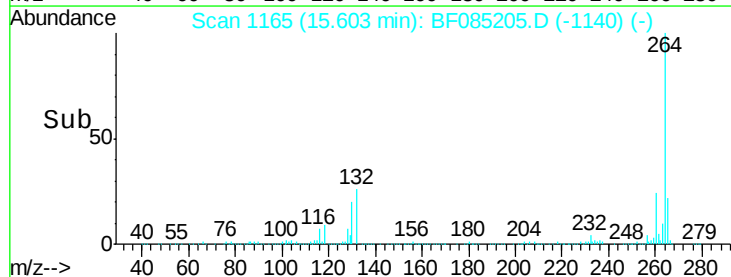
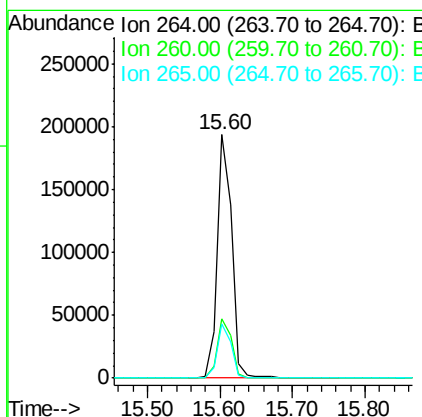
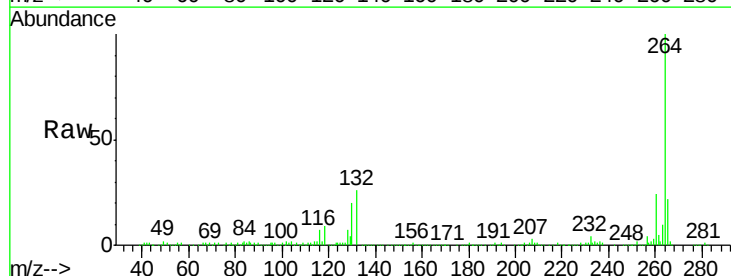
Instrument :
 BNA_F
 ClientSampleId :
 PB88682BSD

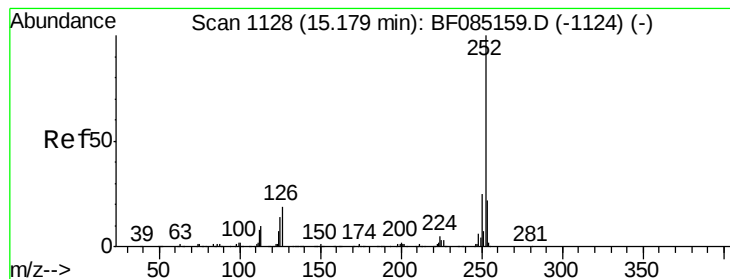
Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.8	26.4	39.6
277	25.2	20.2	30.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.60 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF085205.D
 Acq: 4 Mar 2016 16:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.4	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 42.05 ng

RT: 15.18 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

Instrument :

BNA_F

ClientSampleId :

PB88682BSD

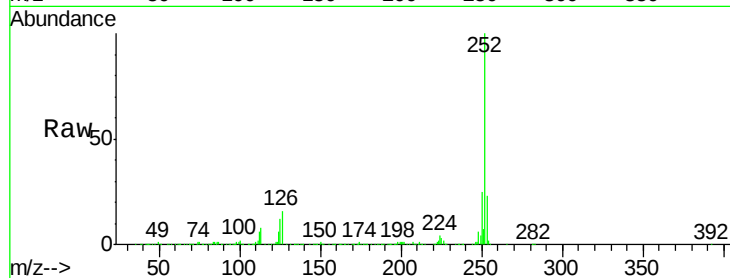
Tgt Ion:252 Resp: 748366

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

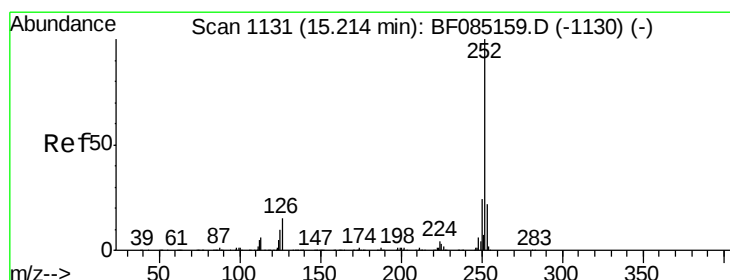
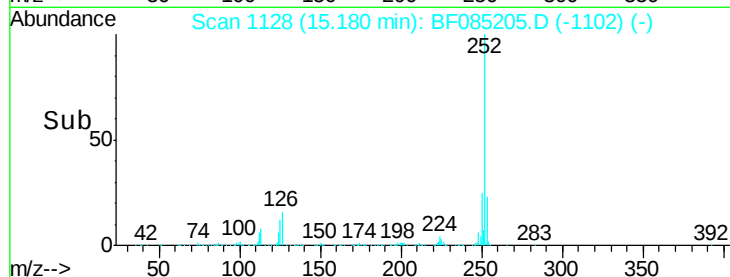
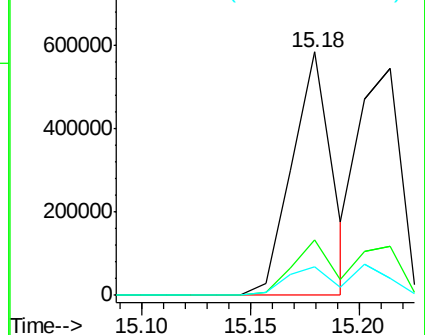
125 11.8 11.3 16.9



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: 52.13 ng

RT: 15.18 min Scan# 1128

Delta R.T. -0.03 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

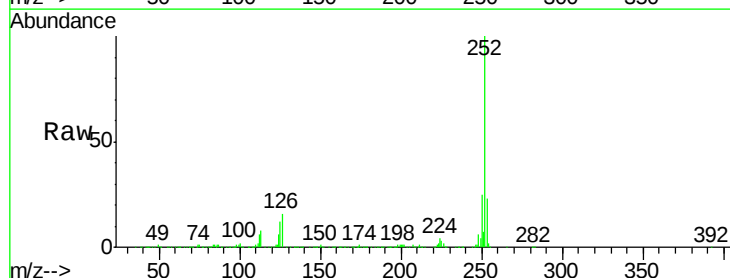
Tgt Ion:252 Resp: 748366

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

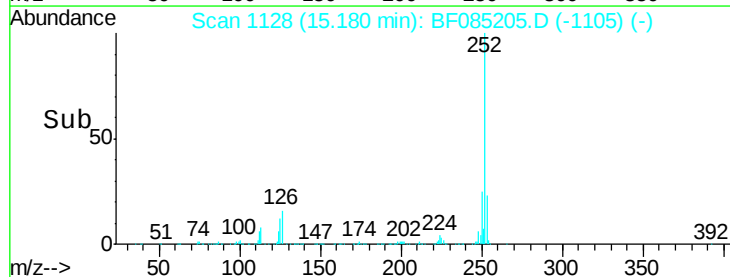
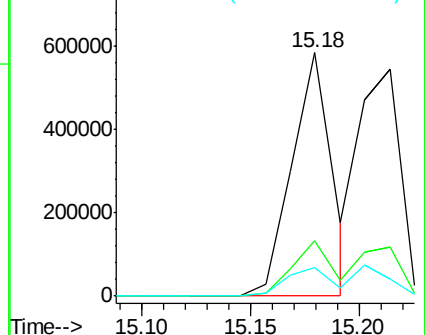
125 11.8 10.4 15.6

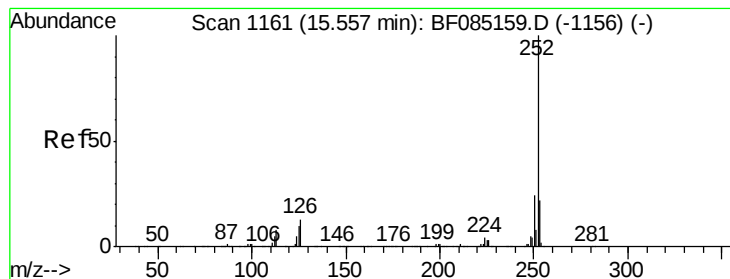


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 45.91 ng

RT: 15.55 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

Instrument :

BNA_F

ClientSampleId :

PB88682BSD

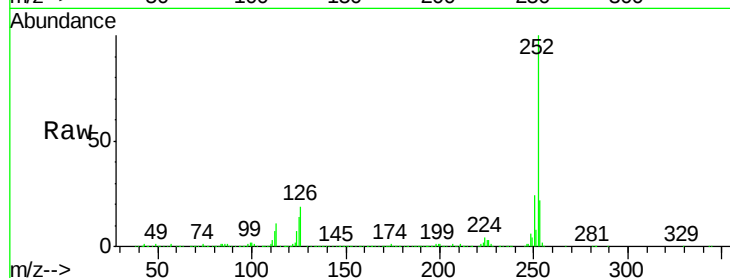
Tgt Ion:252 Resp: 677050

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

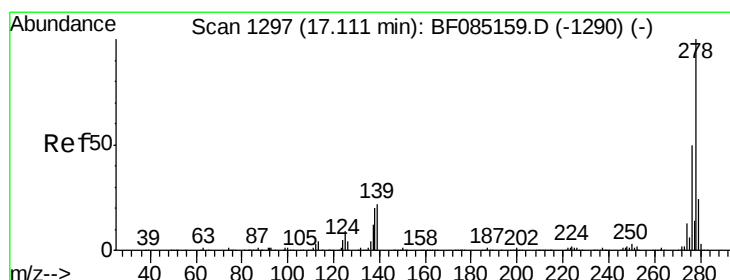
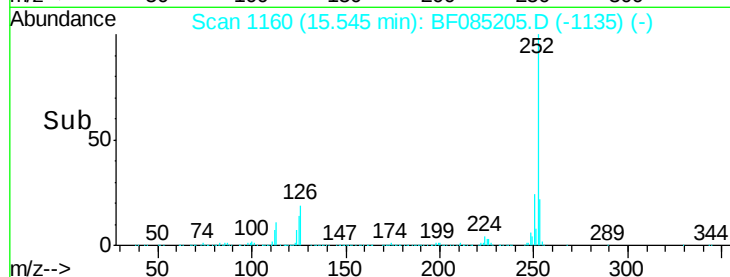
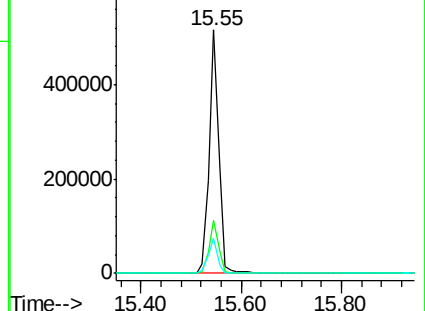
125 14.3 8.2 12.4#



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: 48.93 ng

RT: 17.10 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

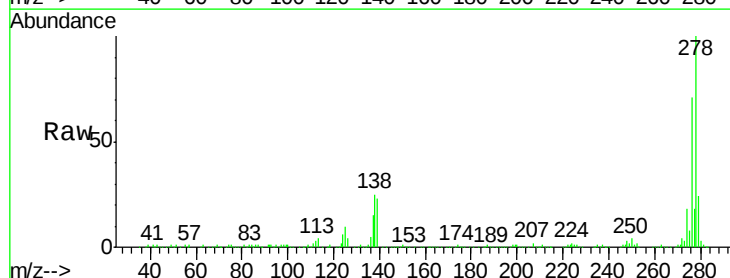
Tgt Ion:278 Resp: 616050

Ion Ratio Lower Upper

278 100

139 23.2 17.3 25.9

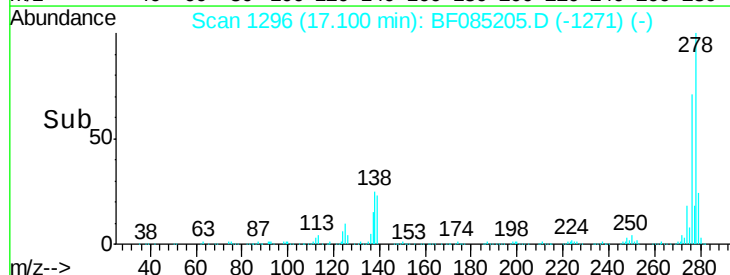
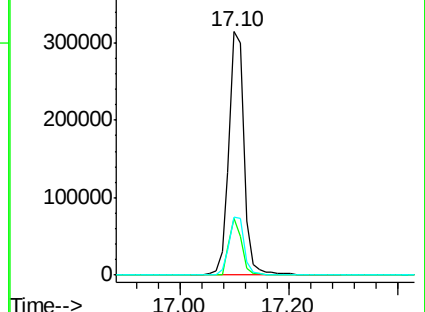
279 23.9 19.2 28.8

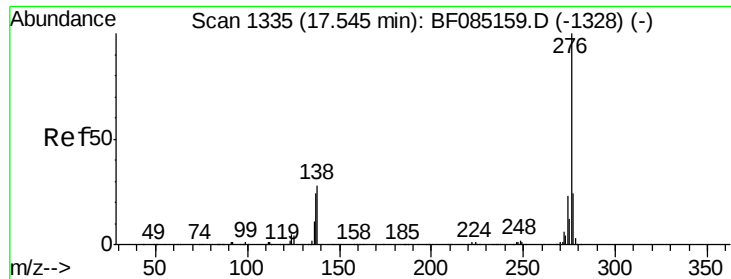


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

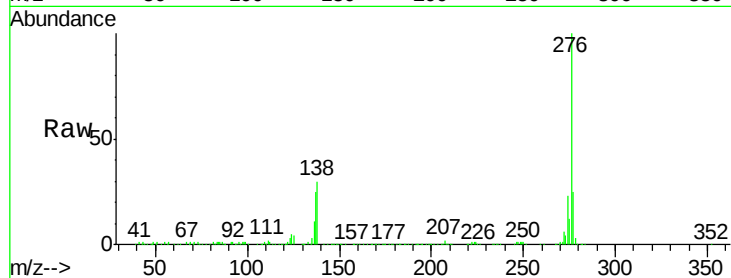




#91
 Benzo(g,h,i)perylene
 Concen: 49.93 ng
 RT: 17.53 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BF085205.D
 Acq: 4 Mar 2016 16:26

Instrument :
 BNA_F
 ClientSampleId :
 PB88682BSD

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.0	28.4
138	29.9	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

