

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
 Data File : BF085207.D
 Acq On : 4 Mar 2016 17:22
 Operator : SJ/IZ
 Sample : PB88703BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88703BS

Quant Time: Mar 04 22:08:07 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	174053	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	673810	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	306989	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	575827	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	445134	20.00	ng	-0.01
86) Perylene-d12	15.60	264	300029	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	1074973	103.60	ng	0.01
7) Phenol-d6	6.60	99	1262199	92.85	ng	-0.01
23) Nitrobenzene-d5	7.53	82	842011	66.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	276571	105.29	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	1522995	75.45	ng	-0.01
78) Terphenyl-d14	13.09	244	1383938	72.17	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.78	88	147974	27.89	ng	98
3) Pyridine	3.53	79	435376	32.78	ng	100
4) n-Nitrosodimethylamine	3.48	42	168497	29.64	ng	95
6) Aniline	6.63	93	326807	17.15	ng	98
8) 2-Chlorophenol	6.76	128	412368	33.01	ng	99
9) Benzaldehyde	6.52	77	136991	18.11	ng	99
10) Phenol	6.61	94	456763	31.37	ng	100
11) bis(2-Chloroethyl)ether	6.71	93	393396	32.53	ng	94
12) 1,3-Dichlorobenzene	6.92	146	438401	32.69	ng	100
13) 1,4-Dichlorobenzene	6.98	146	417965	31.10	ng	99
14) 1,2-Dichlorobenzene	7.14	146	426173	34.94	ng	99
15) Benzyl Alcohol	7.11	79	372789	37.36	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.25	45	517045	29.66	ng	100
17) 2-Methylphenol	7.22	107	360464	35.36	ng	99
18) Hexachloroethane	7.49	117	161671	32.60	ng	98
19) n-Nitroso-di-n-propylamine	7.38	70	287921	32.49	ng	# 92
20) 3+4-Methylphenols	7.37	107	415807	34.44	ng	95
22) Acetophenone	7.38	105	552002	33.56	ng	# 93
24) Nitrobenzene	7.56	77	474874	37.12	ng	92
25) Isophorone	7.80	82	800401	34.30	ng	97
26) 2-Nitrophenol	7.88	139	215893	34.68	ng	98
27) 2,4-Dimethylphenol	7.91	122	409904	36.03	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	474630	36.52	ng	99
29) 2,4-Dichlorophenol	8.12	162	334096	36.42	ng	99
30) 1,2,4-Trichlorobenzene	8.20	180	342479	34.53	ng	99
31) Naphthalene	8.28	128	1129254	34.08	ng	99
32) Benzoic acid	8.00	122	169896	22.49	ng	99
33) 4-Chloroaniline	8.32	127	158974	11.86	ng	96
34) Hexachlorobutadiene	8.40	225	184384	35.72	ng	98
35) Caprolactam	8.69	113	105787	35.31	ng	97
36) 4-Chloro-3-methylphenol	8.80	107	359760	34.56	ng	97
37) 2-Methylnaphthalene	8.97	142	812275	38.20	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	301822	34.38	ng	98
40) Hexachlorocyclopentadiene	9.12	237	354439	74.85	ng	98

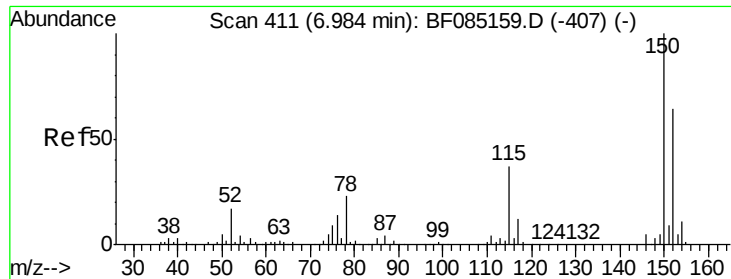
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	260063	39.79	ng	97
43) 2,4,5-Trichlorophenol	9.28	196	214989	34.69	ng #	92
45) 1,1'-Biphenyl	9.43	154	885850	33.78	ng	99
46) 2-Chloronaphthalene	9.46	162	724600	36.24	ng	99
47) 2-Nitroaniline	9.56	65	229843	37.10	ng #	65
48) Acenaphthylene	9.88	152	1084847	34.87	ng	98
49) Dimethylphthalate	9.74	163	833182	35.36	ng	99
50) 2,6-Dinitrotoluene	9.80	165	188358	37.37	ng	97
51) Acenaphthene	10.05	154	721130	38.17	ng	100
52) 3-Nitroaniline	9.96	138	109997	18.24	ng #	76
53) 2,4-Dinitrophenol	10.07	184	168034	67.13	ng #	42
54) Dibenzofuran	10.22	168	914426	36.94	ng	99
55) 4-Nitrophenol	10.12	139	274472	57.91	ng #	74
56) 2,4-Dinitrotoluene	10.20	165	222207	34.44	ng	93
57) Fluorene	10.56	166	698285	35.91	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	171856	39.48	ng	98
59) Diethylphthalate	10.44	149	838418	36.67	ng	98
60) 4-Chlorophenyl-phenylether	10.55	204	326759	34.54	ng	92
61) 4-Nitroaniline	10.57	138	170663	30.26	ng	99
62) Azobenzene	10.71	77	848932	37.69	ng	96
64) 4,6-Dinitro-2-methylphenol	10.61	198	123761	35.90	ng	95
65) n-Nitrosodiphenylamine	10.68	169	671749	37.51	ng	99
66) 4-Bromophenyl-phenylether	11.04	248	199225	35.63	ng #	90
67) Hexachlorobenzene	11.11	284	208725	34.99	ng #	85
68) Atrazine	11.20	200	219647	44.10	ng	92
69) Pentachlorophenol	11.30	266	242927	73.37	ng	98
70) Phenanthrene	11.52	178	1029683	34.12	ng	99
71) Anthracene	11.58	178	1154218	36.03	ng	100
72) Carbazole	11.73	167	958868	34.13	ng	99
73) Di-n-butylphthalate	12.06	149	1275023	35.91	ng #	98
74) Fluoranthene	12.71	202	1005284	33.19	ng	97
76) Benzidine	12.82	184	344410	26.00	ng	98
77) Pyrene	12.94	202	1036807	30.95	ng	99
79) Butylbenzylphthalate	13.56	149	530281	34.88	ng #	81
80) Benzo(a)anthracene	14.13	228	903956	33.92	ng	99
81) 3,3'-Dichlorobenzidine	14.08	252	122258	14.54	ng	98
82) Chrysene	14.16	228	682284	27.72	ng	100
83) Bis(2-ethylhexyl)phthalate	14.12	149	675825	33.78	ng #	96
84) Di-n-octyl phthalate	14.72	149	980801	32.19	ng	98
85) Indeno(1,2,3-cd)pyrene	17.08	276	602679	31.37	ng	99
87) Benzo(b)fluoranthene	15.18	252	714859	35.75	ng #	96
88) Benzo(k)fluoranthene	15.18	252	714859	44.32	ng	97
89) Benzo(a)pyrene	15.55	252	597634	36.06	ng #	97
90) Dibenzo(a,h)anthracene	17.10	278	504870	35.69	ng	99
91) Benzo(g,h,i)perylene	17.53	276	504885	35.50	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 410

Delta R.T. -0.01 min

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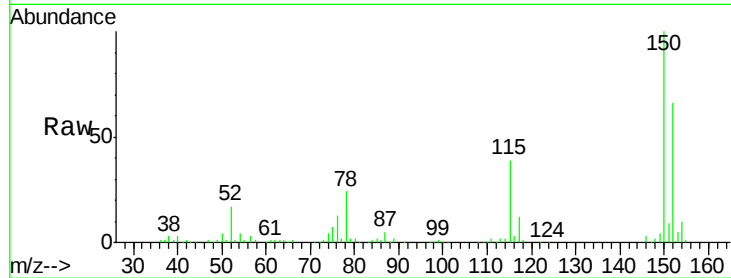
Tgt Ion:152 Resp: 174053

Ion Ratio Lower Upper

152 100

150 152.2 124.6 186.8

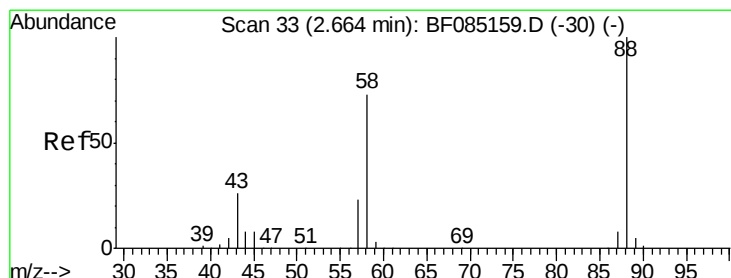
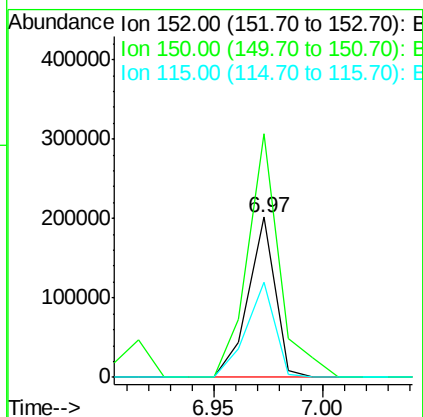
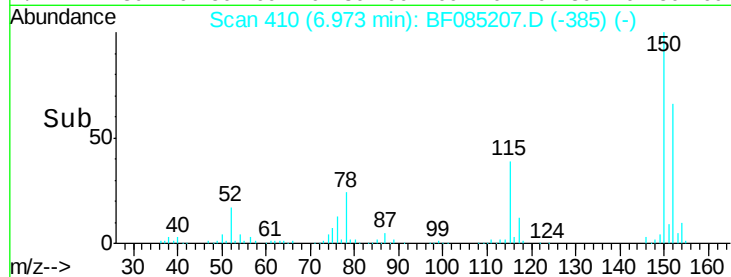
115 59.7 46.6 70.0



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: 27.89 ng

RT: 2.78 min Scan# 43

Delta R.T. 0.11 min

Lab File: BF085207.D

Acq: 4 Mar 2016 17:22

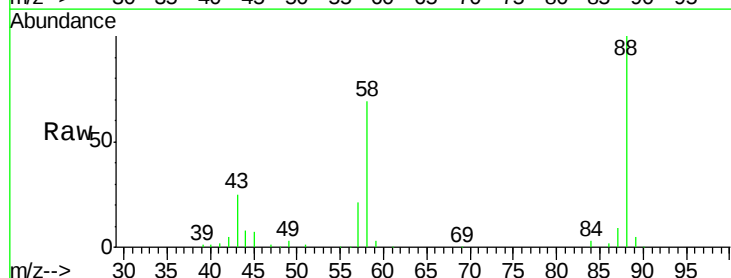
Tgt Ion: 88 Resp: 147974

Ion Ratio Lower Upper

88 100

58 69.6 57.0 85.6

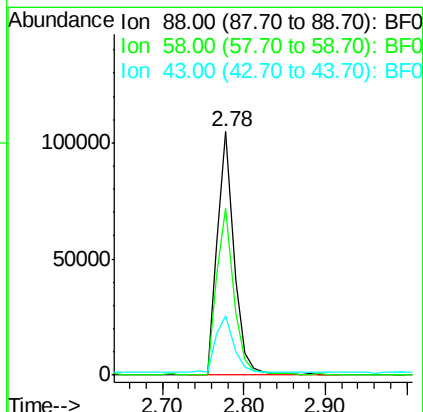
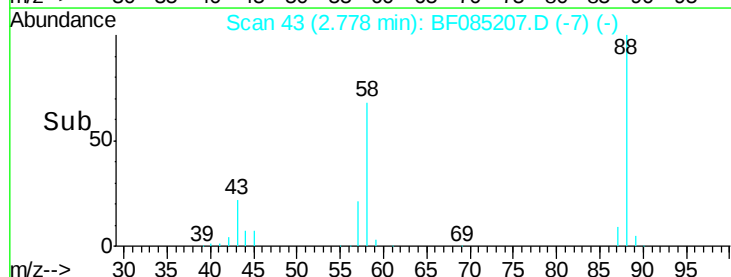
43 25.0 20.5 30.7

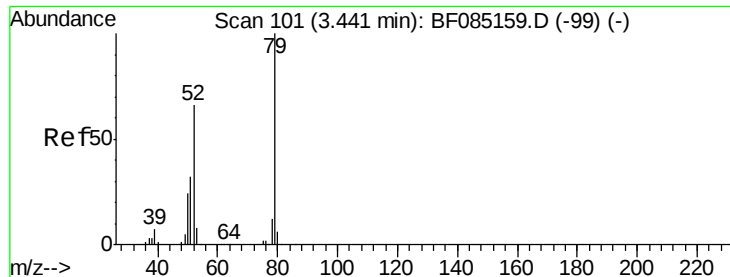


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 32.78 ng

RT: 3.53 min Scan# 109

Delta R.T. 0.09 min

Lab File: BF085207.D

Acq: 4 Mar 2016 17:22

Instrument :

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ClientSampleId :

PB88703BS

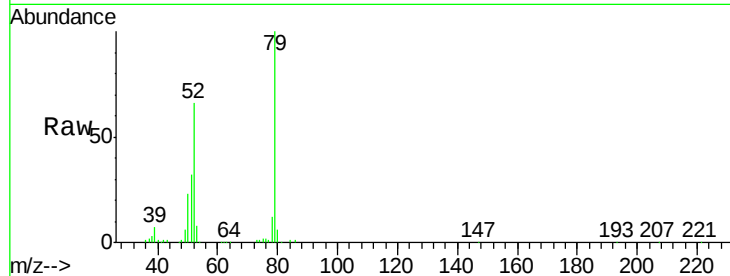
Tgt Ion: 79 Resp: 435376

Ion Ratio Lower Upper

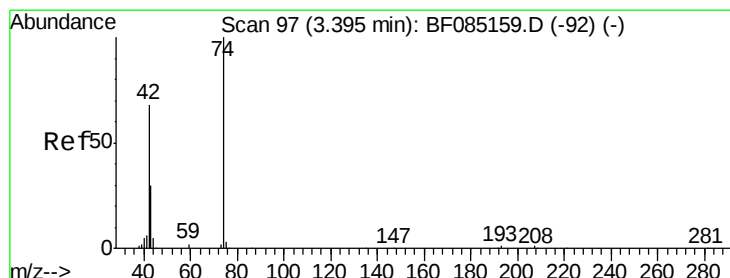
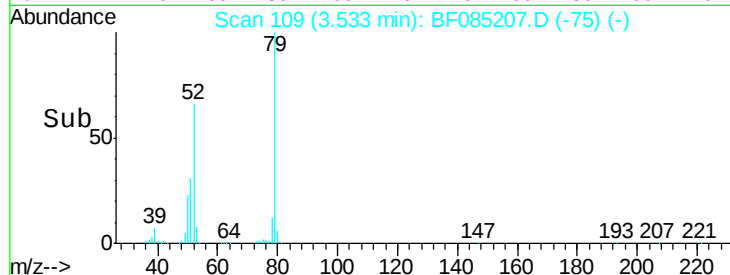
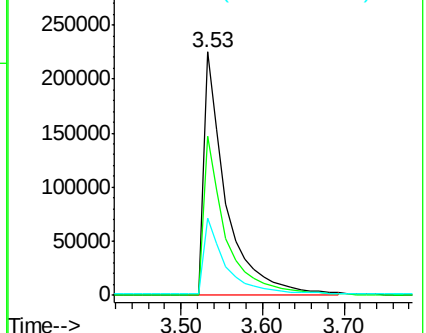
79 100

52 65.6 52.6 79.0

51 31.9 25.8 38.8



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 29.64 ng

RT: 3.48 min Scan# 104

Delta R.T. 0.08 min

Lab File: BF085207.D

Acq: 4 Mar 2016 17:22

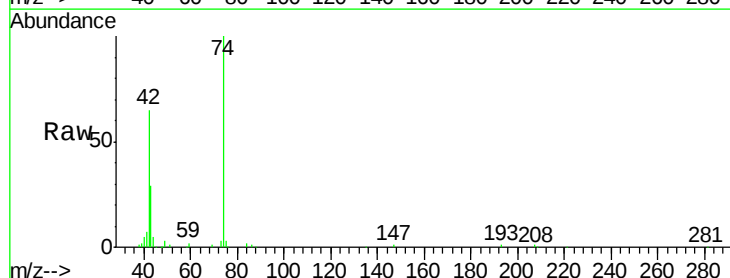
Tgt Ion: 42 Resp: 168497

Ion Ratio Lower Upper

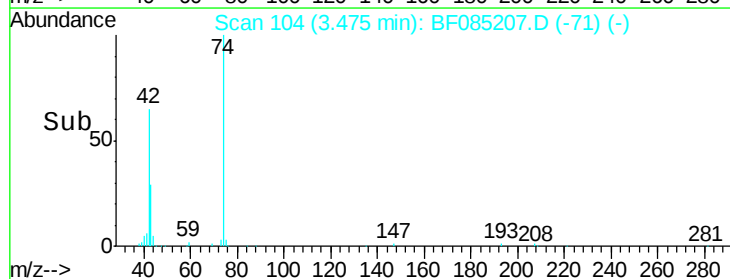
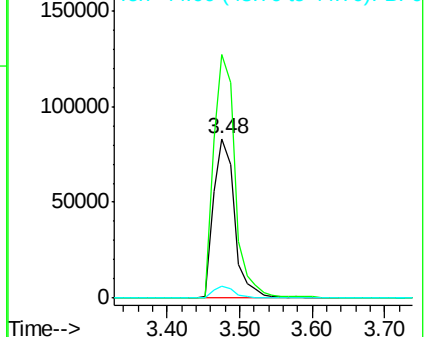
42 100

74 152.9 116.8 175.2

44 7.2 5.5 8.3



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 103.60 ng

RT: 5.59 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF085207.D

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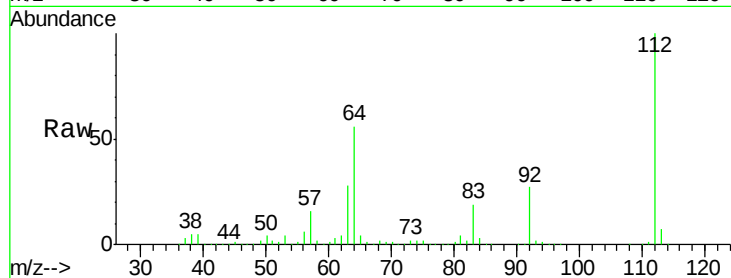
Tgt Ion: 112 Resp: 1074973

Ion Ratio Lower Upper

112 100

64 55.8 49.0 73.4

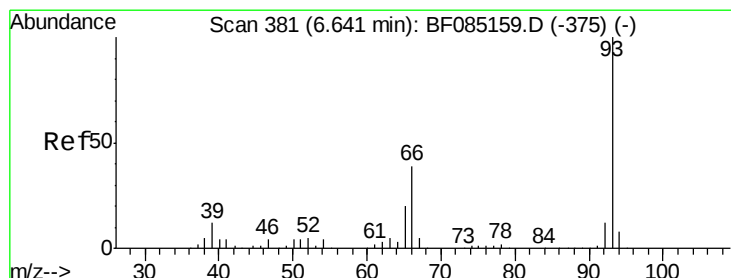
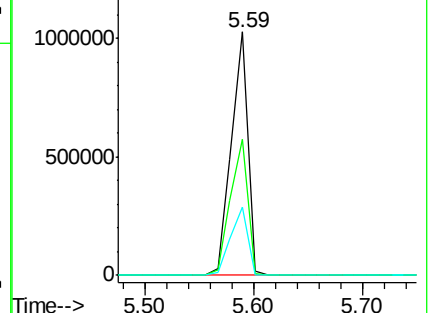
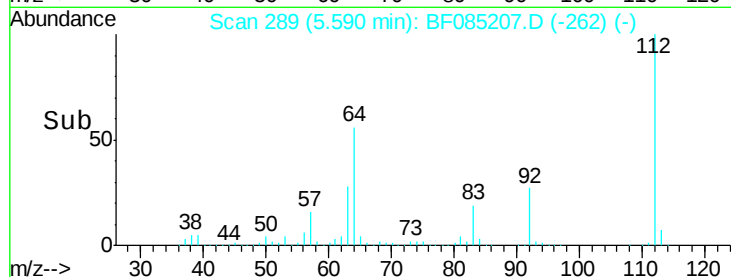
63 28.2 24.8 37.2



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: 17.15 ng

RT: 6.63 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF085207.D

Acq: 4 Mar 2016 17:22

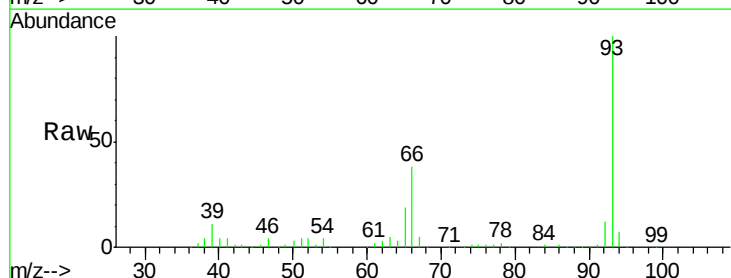
Tgt Ion: 93 Resp: 326807

Ion Ratio Lower Upper

93 100

66 38.3 31.6 47.4

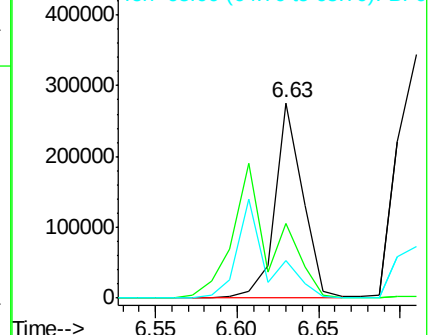
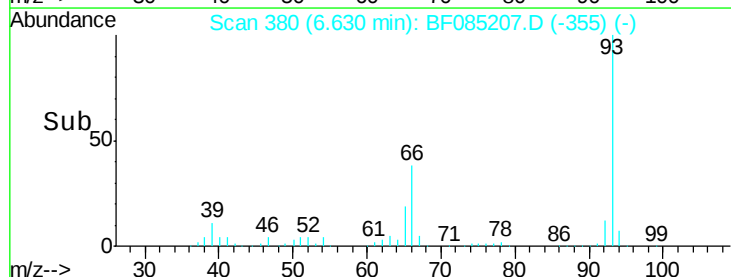
65 19.2 15.8 23.8



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: 92.85 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF085207.D

Acq: 4 Mar 2016 17:22

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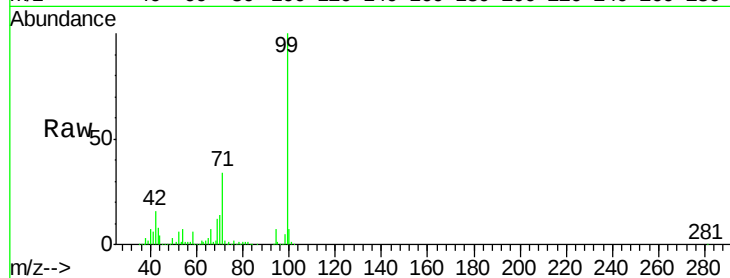
Tgt Ion: 99 Resp: 1262199

Ion Ratio Lower Upper

99 100

42 16.4 13.6 20.4

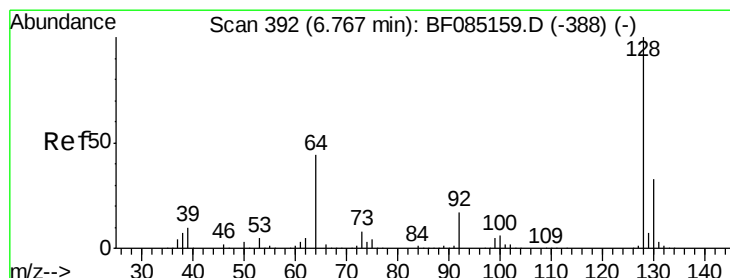
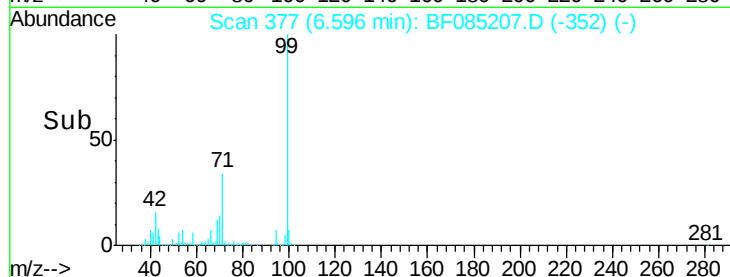
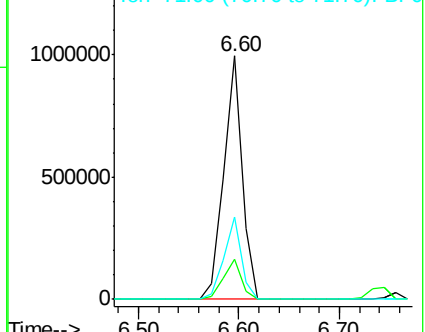
71 33.7 26.7 40.1



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: 33.01 ng

RT: 6.76 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF085207.D

Acq: 4 Mar 2016 17:22

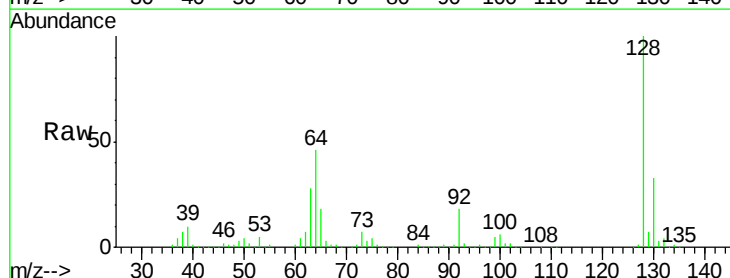
Tgt Ion: 128 Resp: 412368

Ion Ratio Lower Upper

128 100

130 32.6 13.3 53.3

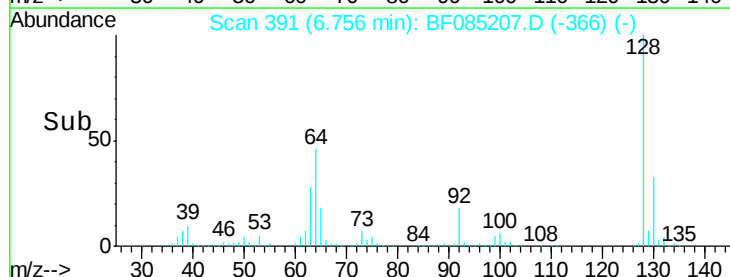
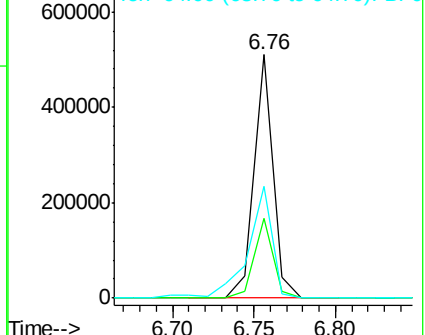
64 46.2 25.7 65.7

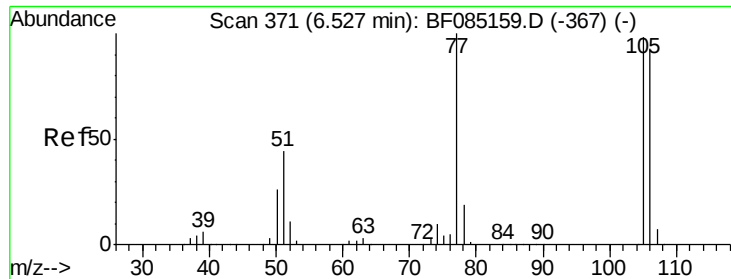


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

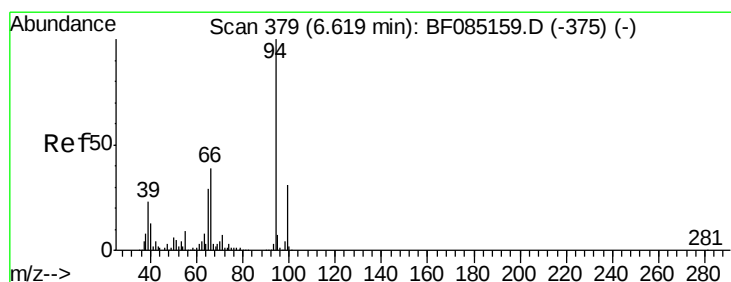
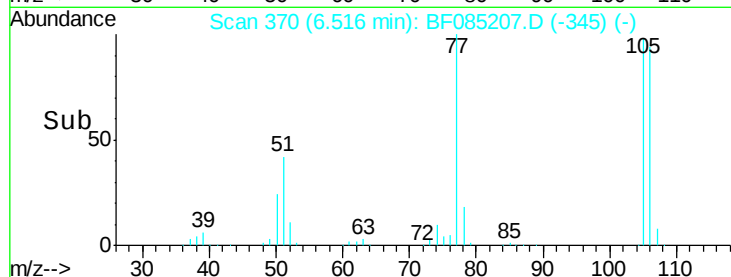
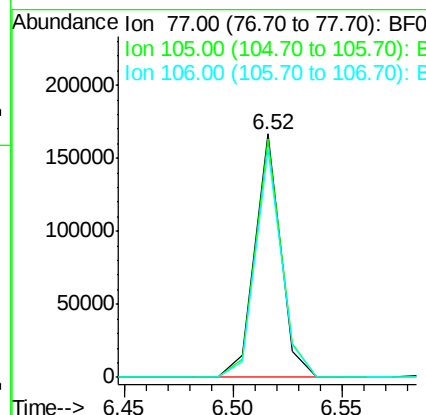
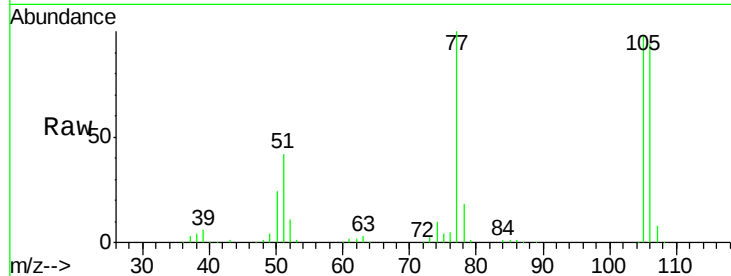




#9
Benzaldehyde
Concen: 18.11 ng
RT: 6.52 min Scan# 370
Delta R.T. -0.01 min
Lab File: BF085207.D
Acq: 4 Mar 2016 17:22

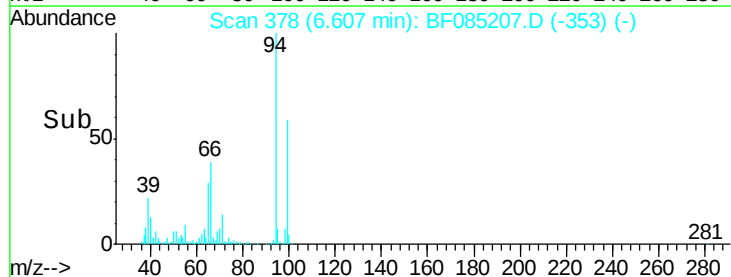
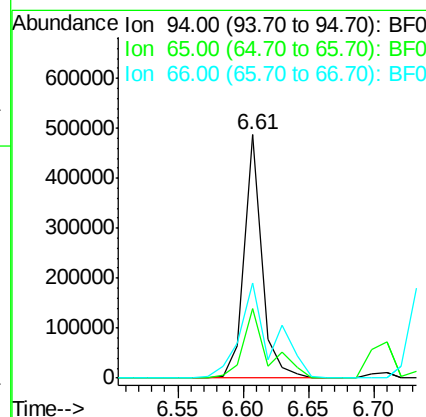
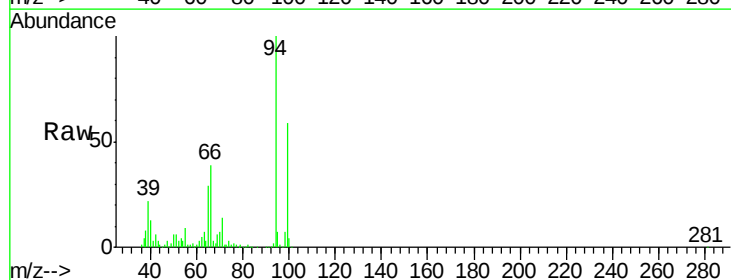
Instrument :
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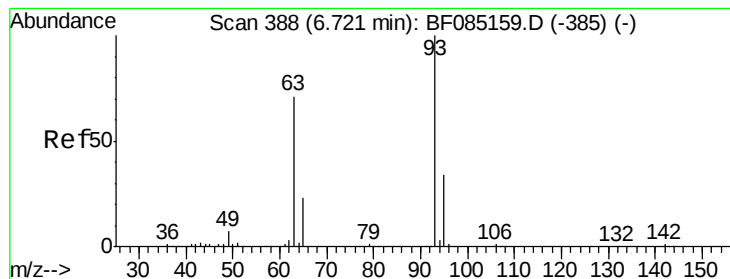
Tgt Ion: 77 Resp: 136991
Ion Ratio Lower Upper
77 100
105 98.0 78.2 118.2
106 93.8 72.9 112.9



#10
Phenol
Concen: 31.37 ng
RT: 6.61 min Scan# 378
Delta R.T. -0.01 min
Lab File: BF085207.D
Acq: 4 Mar 2016 17:22

Tgt Ion: 94 Resp: 456763
Ion Ratio Lower Upper
94 100
65 28.8 9.1 49.1
66 39.2 19.3 59.3





#11

bis(2-Chloroethyl)ether

Concen: 32.53 ng

RT: 6.71 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF085207.D

Acq: 4 Mar 2016 17:22

Instrument :

BNA_F

ClientSampleId :

PB88703BS

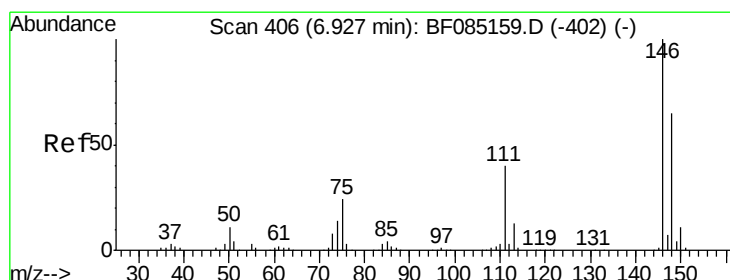
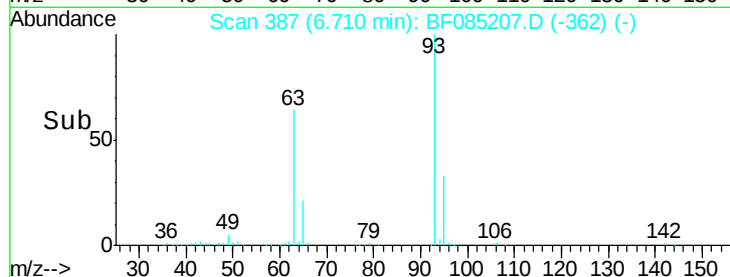
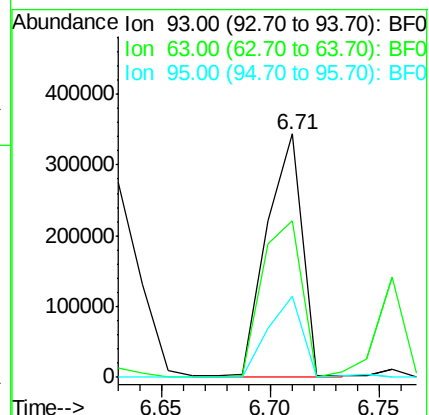
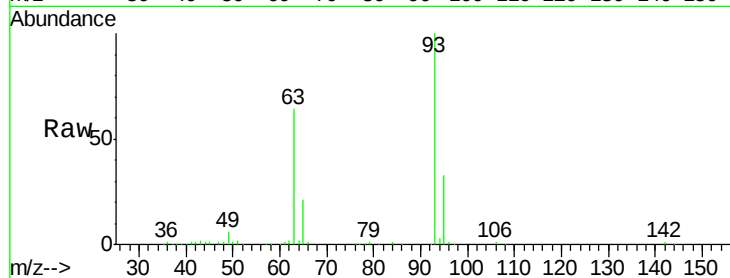
Tgt Ion: 93 Resp: 393396

Ion Ratio Lower Upper

93 100

63 64.3 50.9 90.9

95 33.3 13.7 53.7



#12

1,3-Dichlorobenzene

Concen: 32.69 ng

RT: 6.92 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF085207.D

Acq: 4 Mar 2016 17:22

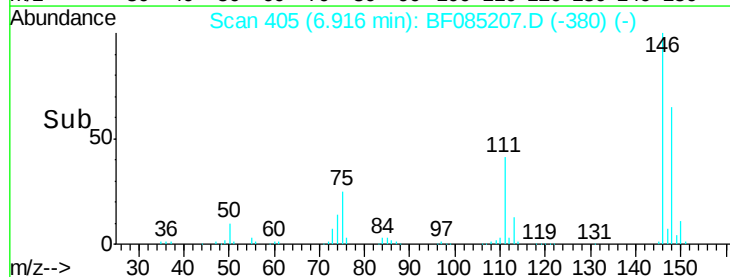
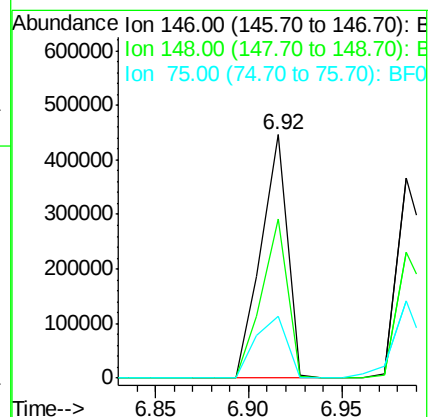
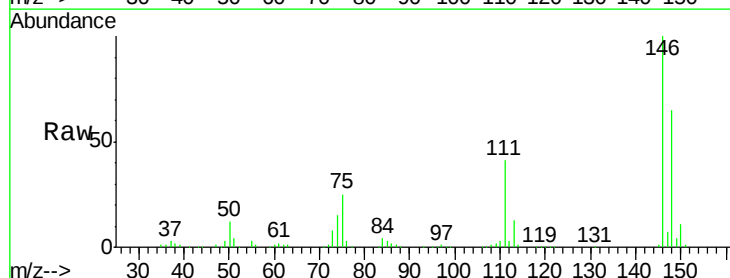
Tgt Ion: 146 Resp: 438401

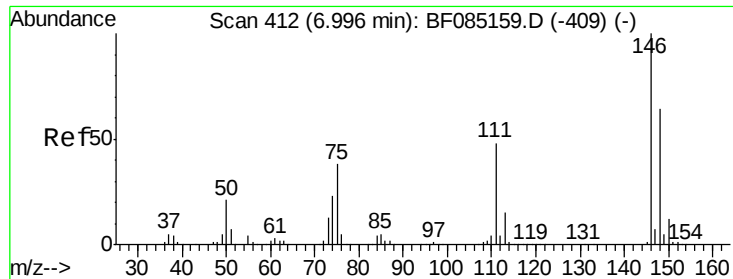
Ion Ratio Lower Upper

146 100

148 65.1 52.1 78.1

75 25.2 19.5 29.3

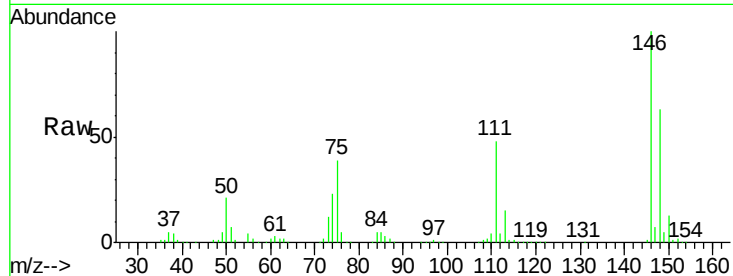




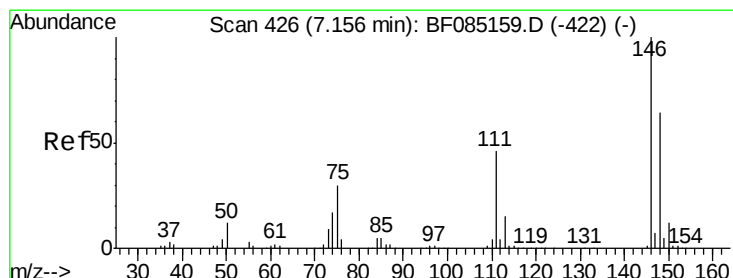
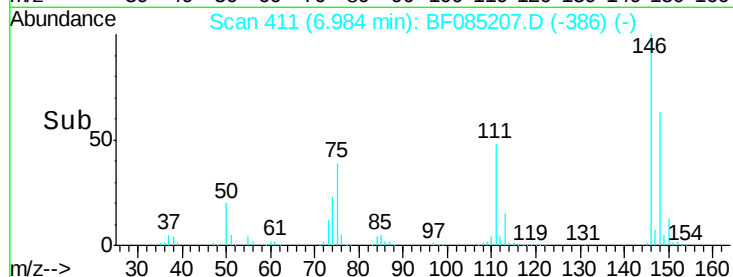
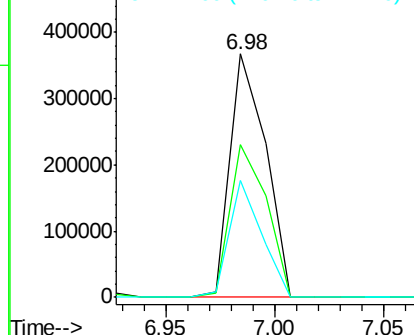
#13
 1,4-Dichlorobenzene
 Concen: 31.10 ng
 RT: 6.98 min Scan# 411
 Delta R.T. -0.01 min
 Lab File: BF085207.D
 Acq: 4 Mar 2016 17:22

Instrument :
 BNA_F
 ClientSampleId :
 PB88703BS

Tgt Ion:146 Resp: 417965
 Ion Ratio Lower Upper
 146 100
 148 62.5 51.3 76.9
 111 48.1 38.4 57.6

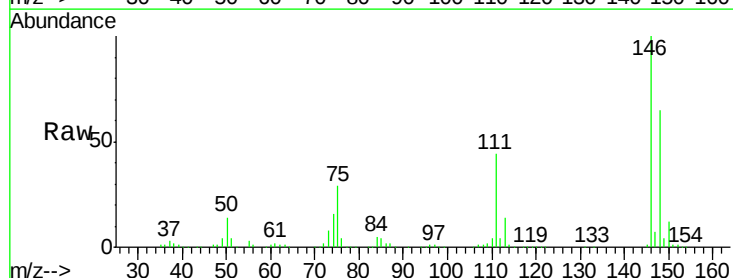


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

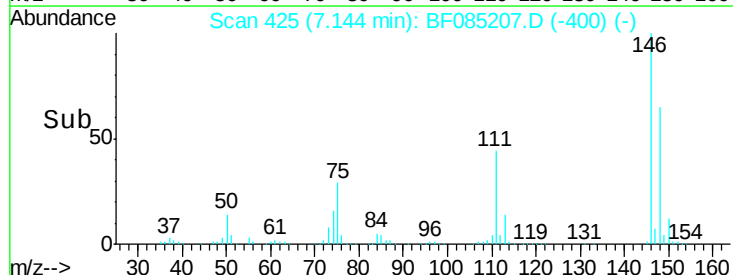
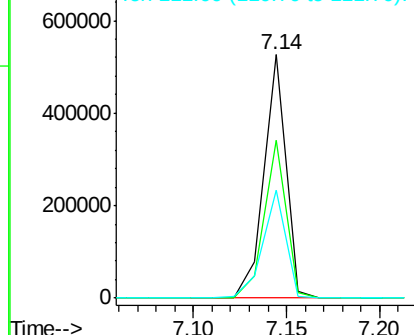


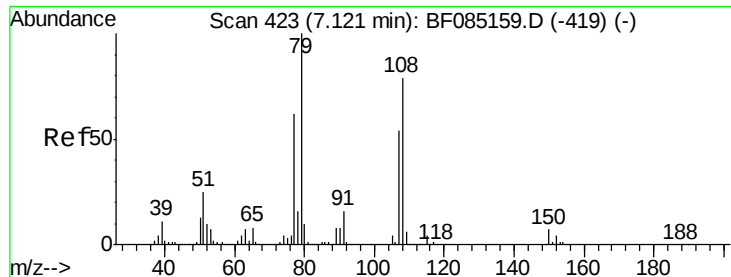
#14
 1,2-Dichlorobenzene
 Concen: 34.94 ng
 RT: 7.14 min Scan# 425
 Delta R.T. -0.01 min
 Lab File: BF085207.D
 Acq: 4 Mar 2016 17:22

Tgt Ion:146 Resp: 426173
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.4 77.2
 111 44.1 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: 37.36 ng

RT: 7.11 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF085207.D

Acq: 4 Mar 2016 17:22

Instrument :

BNA_F

ClientSampleId :

PB88703BS

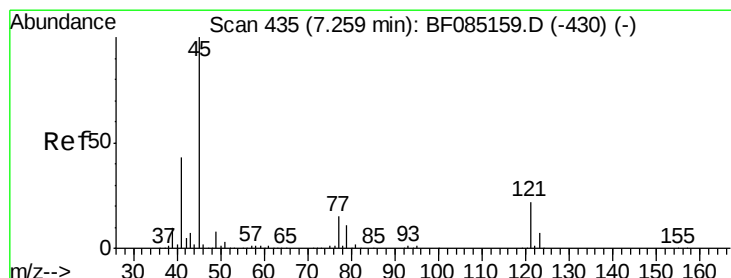
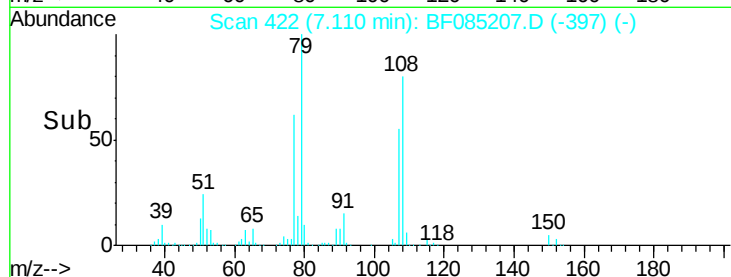
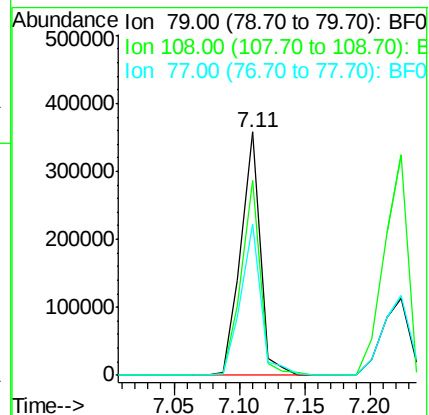
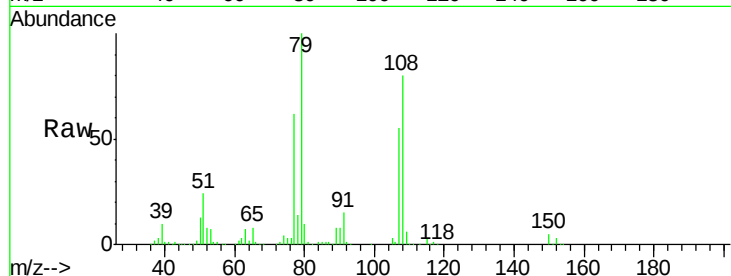
Tgt Ion: 79 Resp: 372789

Ion Ratio Lower Upper

79 100

108 79.9 62.9 94.3

77 62.1 49.5 74.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.66 ng

RT: 7.25 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF085207.D

Acq: 4 Mar 2016 17:22

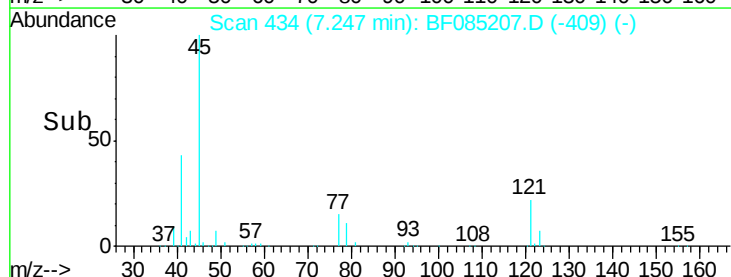
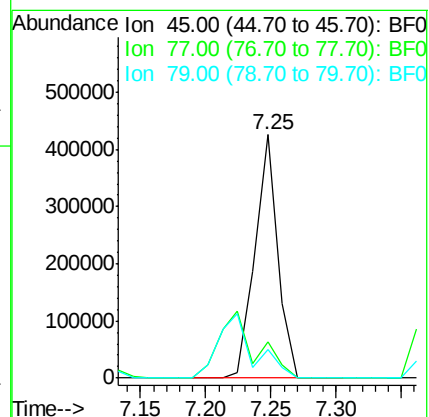
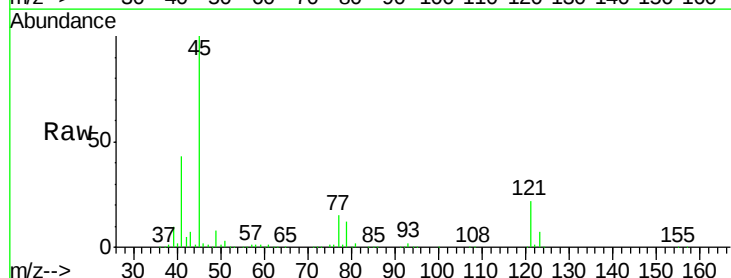
Tgt Ion: 45 Resp: 517045

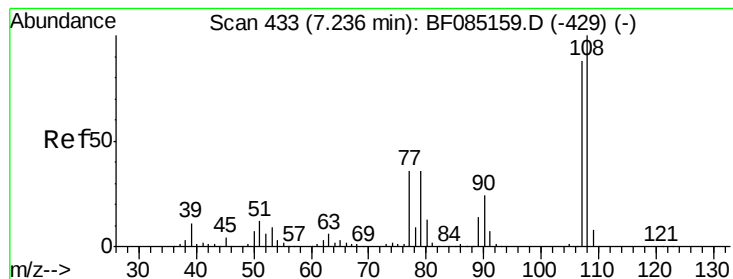
Ion Ratio Lower Upper

45 100

77 15.1 0.0 35.1

79 11.5 0.0 31.3





#17

2-Methylphenol

Concen: 35.36 ng

RT: 7.22 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF085207.D

Acq: 4 Mar 2016 17:22

Instrument :

BNA_F

ClientSampleId :

PB88703BS

Tgt Ion:107 Resp: 360464

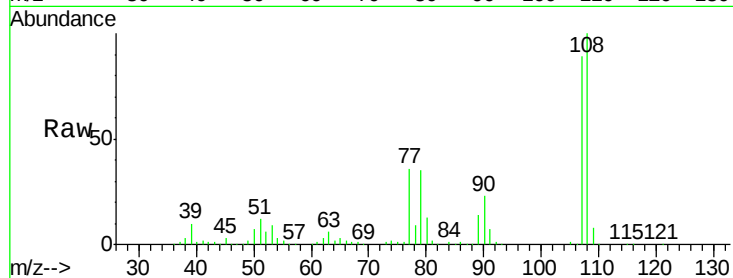
Ion Ratio Lower Upper

107 100

108 112.5 90.9 136.3

77 40.5 32.6 48.8

79 39.4 32.8 49.2

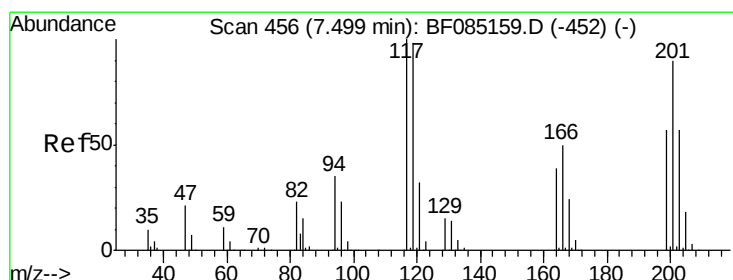
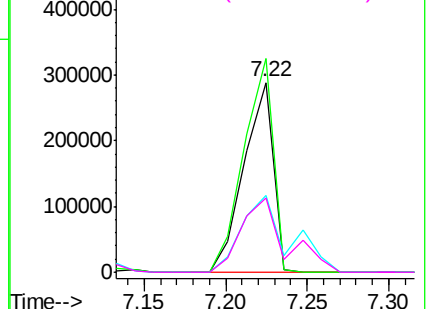
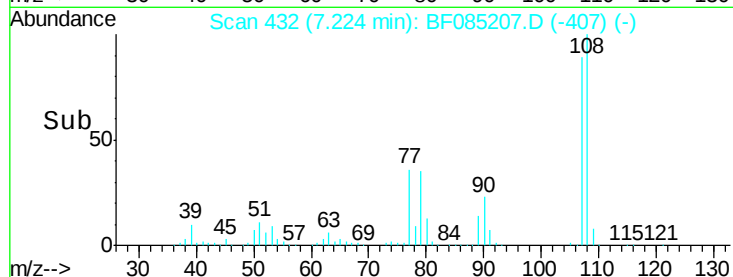


Abundance Ion 107.00 (106.70 to 107.70): E

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: 32.60 ng

RT: 7.49 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF085207.D

Acq: 4 Mar 2016 17:22

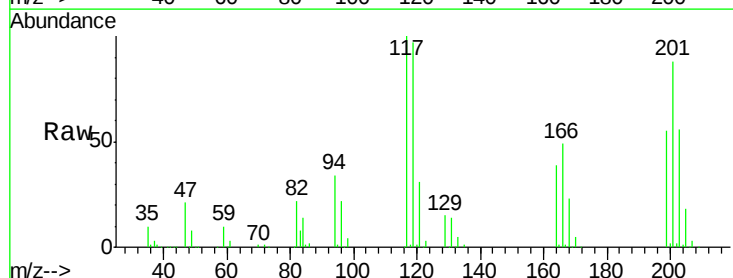
Tgt Ion:117 Resp: 161671

Ion Ratio Lower Upper

117 100

119 96.8 78.2 117.4

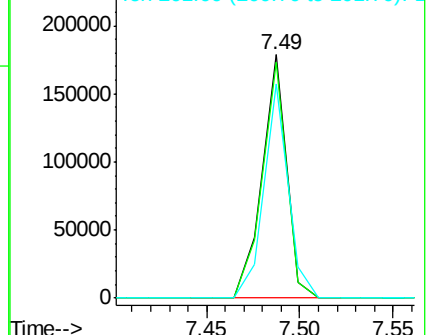
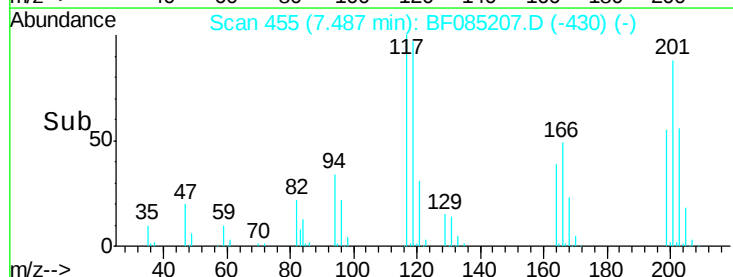
201 87.8 72.0 108.0



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

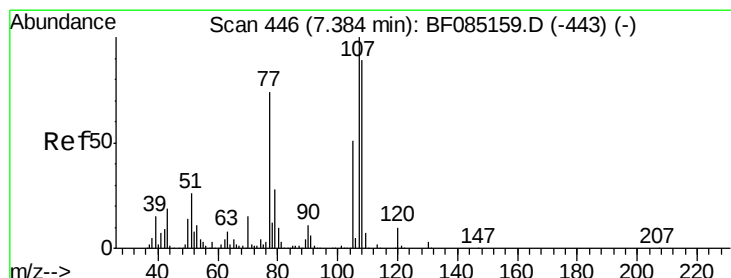
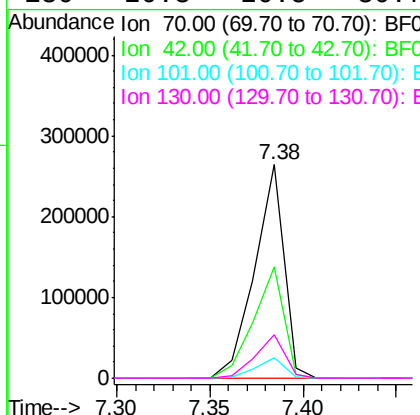
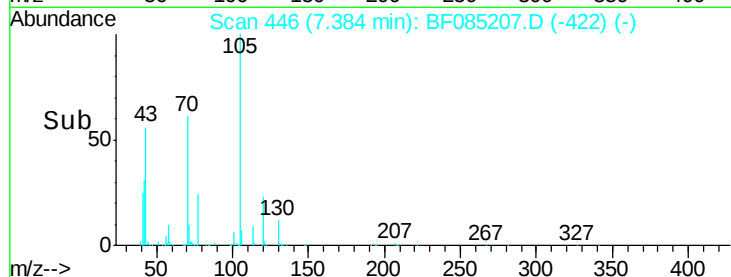
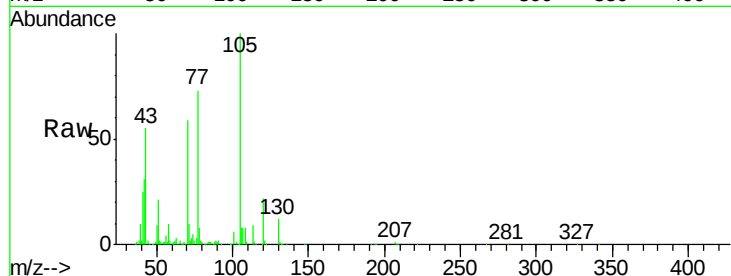




#19
n-Nitroso-di-n-propylamine
Concen: 32.49 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF085207.D
Acq: 4 Mar 2016 17:22

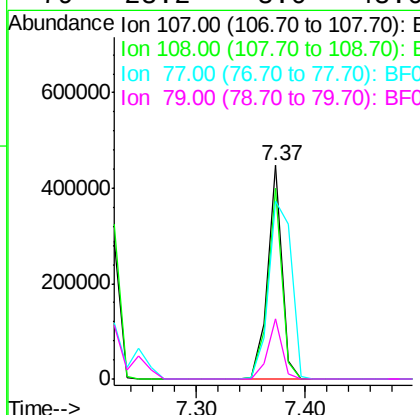
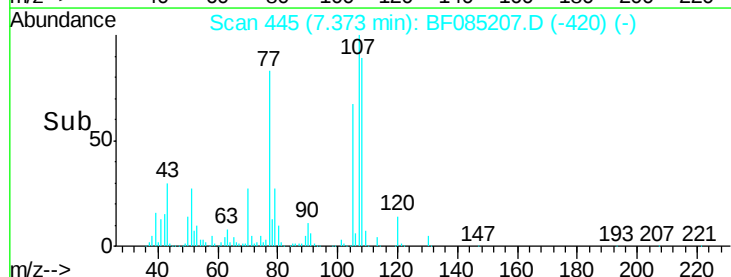
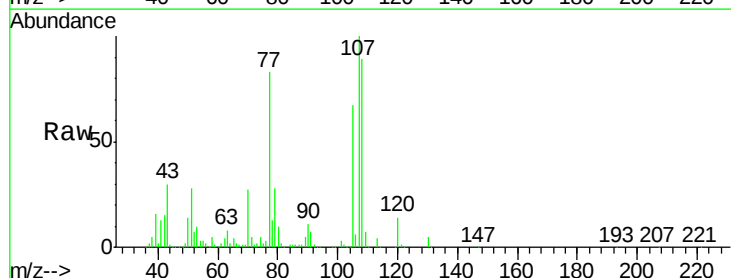
Instrument :
BNA_F
ClientSampleId :
PB88703BS

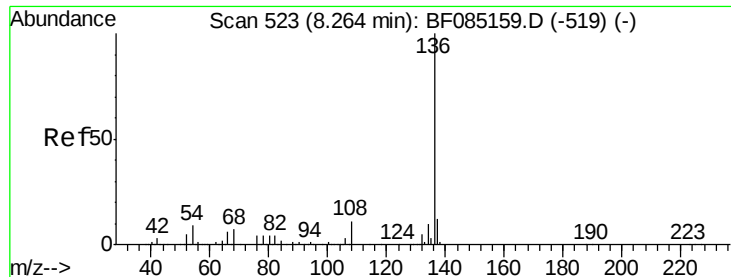
Tgt Ion: 70 Resp: 287921
Ion Ratio Lower Upper
70 100
42 52.1 37.7 56.5
101 9.5 8.2 12.4
130 20.3 20.5 30.7#



#20
3+4-Methylphenols
Concen: 34.44 ng
RT: 7.37 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF085207.D
Acq: 4 Mar 2016 17:22

Tgt Ion: 107 Resp: 415807
Ion Ratio Lower Upper
107 100
108 89.5 68.8 108.8
77 83.5 53.6 93.6
79 28.2 8.0 48.0

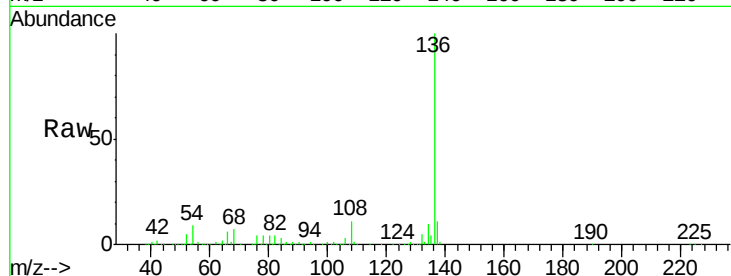




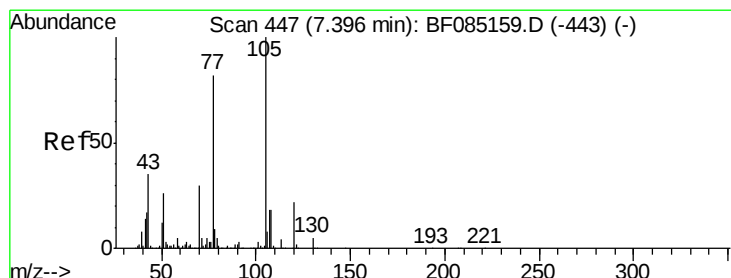
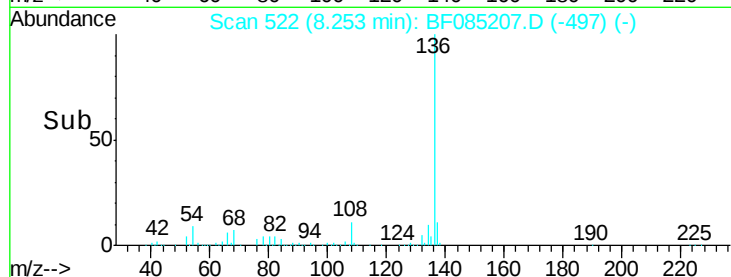
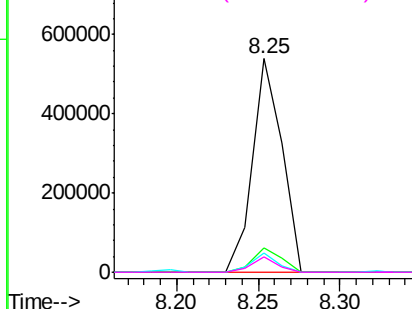
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF085207.D
Acq: 4 Mar 2016 17:22

Instrument :
BNA_F
ClientSampleId :
PB88703BS

Tgt Ion:	136	Resp:	673810
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	9.0	7.4	11.2
68	7.2	6.0	9.0

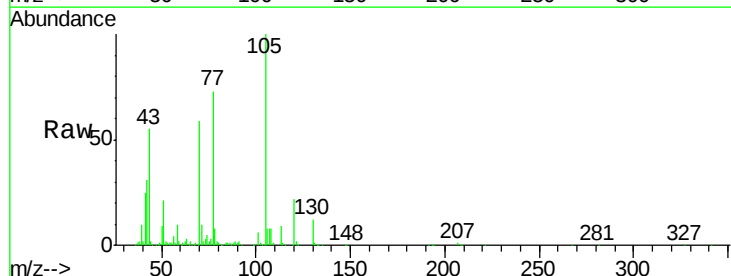


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

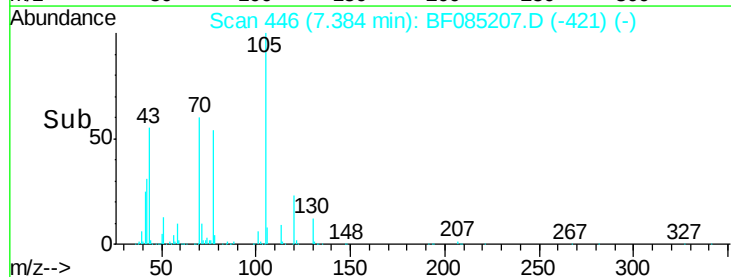
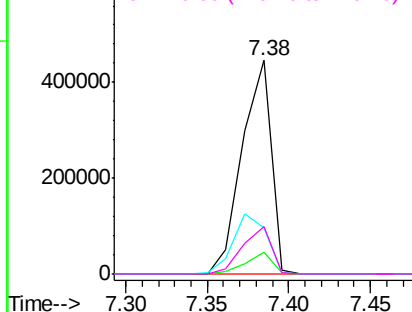


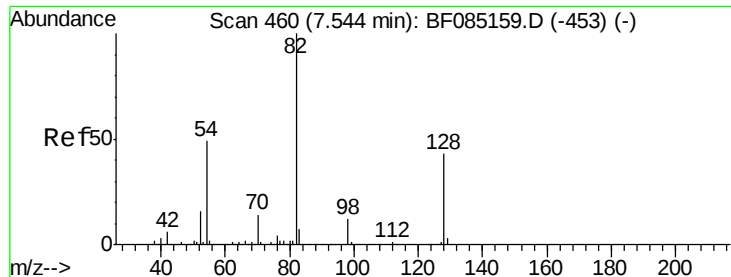
#22
Acetophenone
Concen: 33.56 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF085207.D
Acq: 4 Mar 2016 17:22

Tgt Ion:	105	Resp:	552002
Ion	Ratio	Lower	Upper
105	100		
71	9.9	4.1	6.1#
51	21.3	21.1	31.7
120	22.3	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

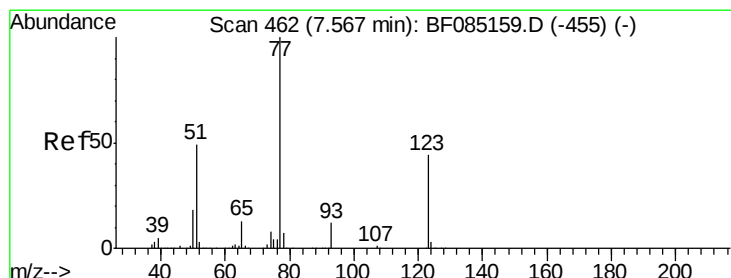
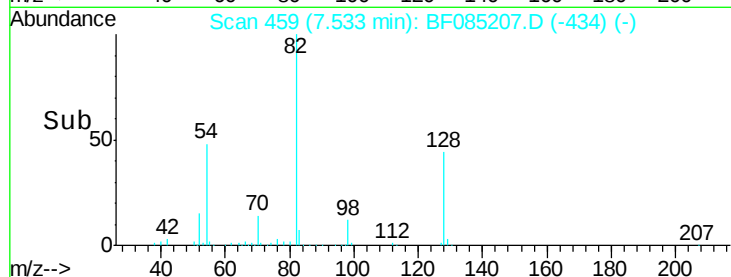
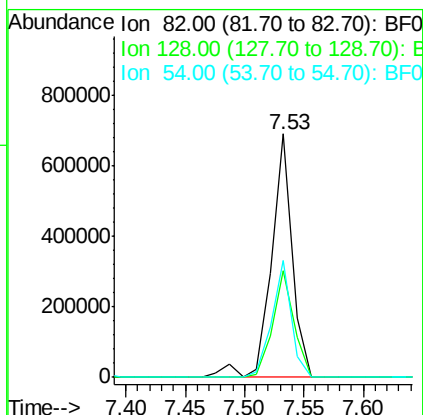
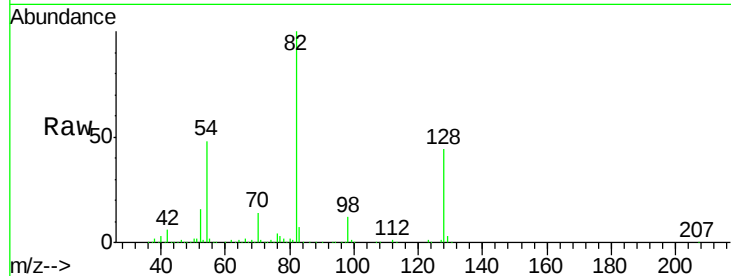




#23
 Nitrobenzene-d5
 Concen: 66.87 ng
 RT: 7.53 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF085207.D
 Acq: 4 Mar 2016 17:22

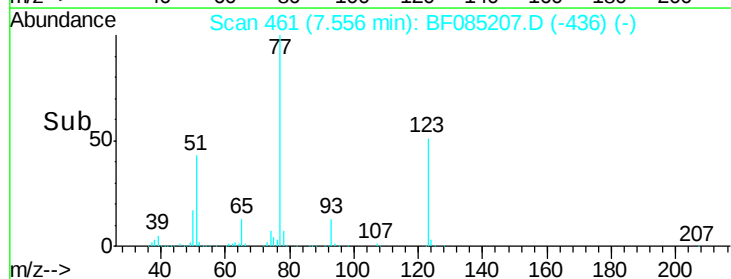
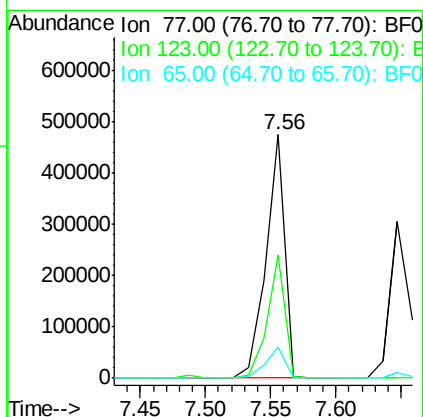
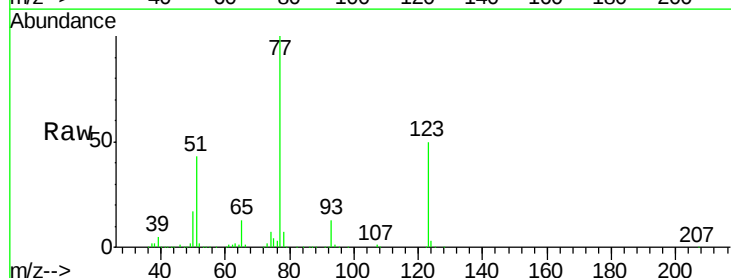
Instrument :
 BNA_F
 ClientSampleId :
 PB88703BS

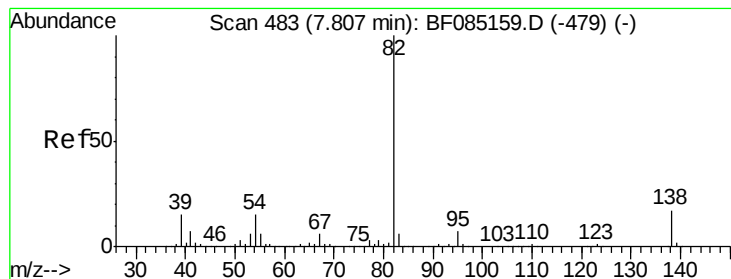
Tgt Ion: 82 Resp: 842011
 Ion Ratio Lower Upper
 82 100
 128 44.0 34.5 51.7
 54 47.9 39.3 58.9



#24
 Nitrobenzene
 Concen: 37.12 ng
 RT: 7.56 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF085207.D
 Acq: 4 Mar 2016 17:22

Tgt Ion: 77 Resp: 474874
 Ion Ratio Lower Upper
 77 100
 123 50.5 35.4 53.2
 65 12.8 10.6 16.0





#25

Isophorone

Concen: 34.30 ng

RT: 7.80 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF085207.D

Acq: 4 Mar 2016 17:22

Instrument :

BNA_F

ClientSampleId :

PB88703BS

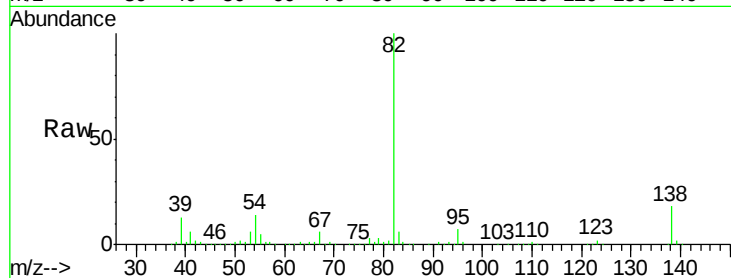
Tgt Ion: 82 Resp: 800401

Ion Ratio Lower Upper

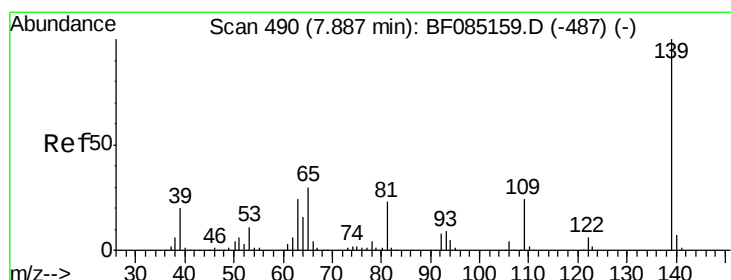
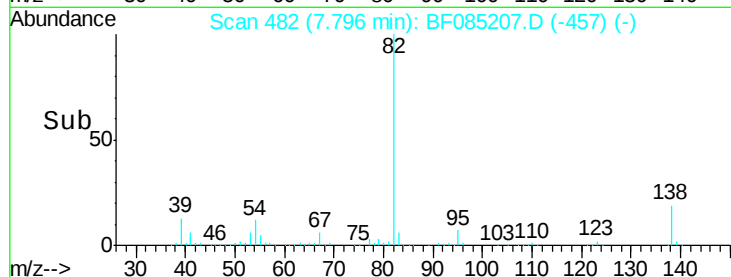
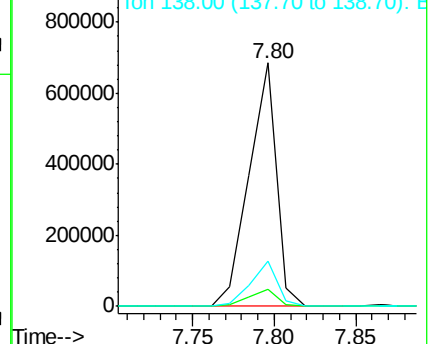
82 100

95 7.0 5.4 8.2

138 18.4 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: 34.68 ng

RT: 7.88 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF085207.D

Acq: 4 Mar 2016 17:22

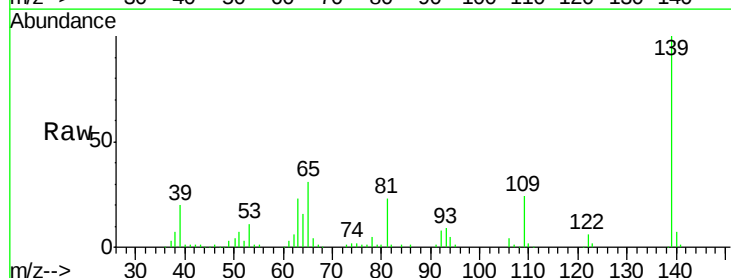
Tgt Ion: 139 Resp: 215893

Ion Ratio Lower Upper

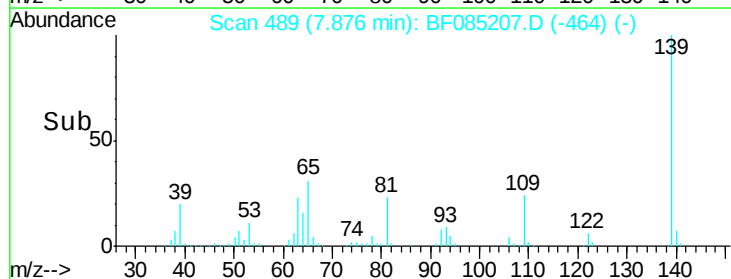
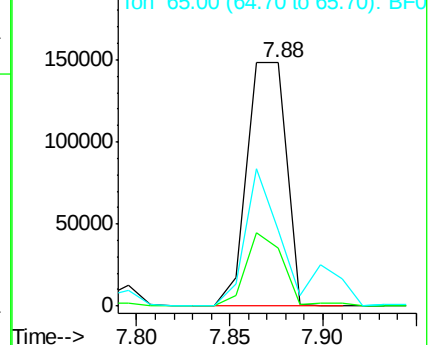
139 100

109 23.6 19.1 28.7

65 31.2 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

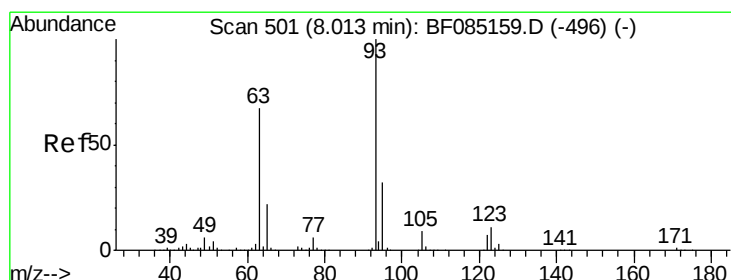
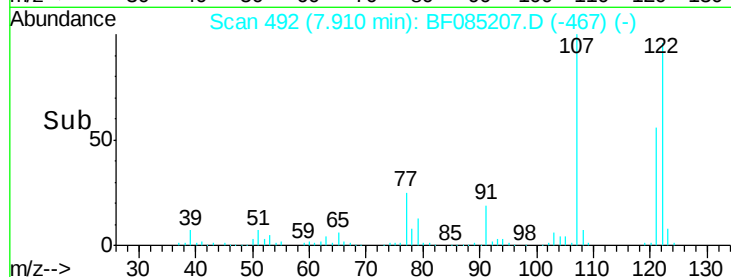
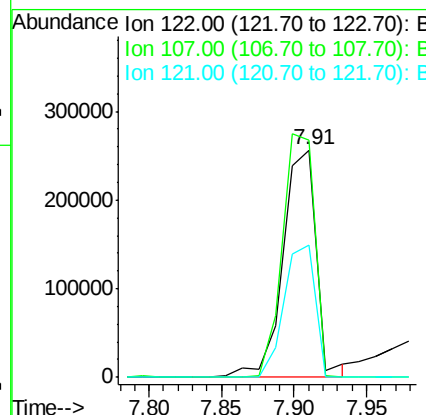
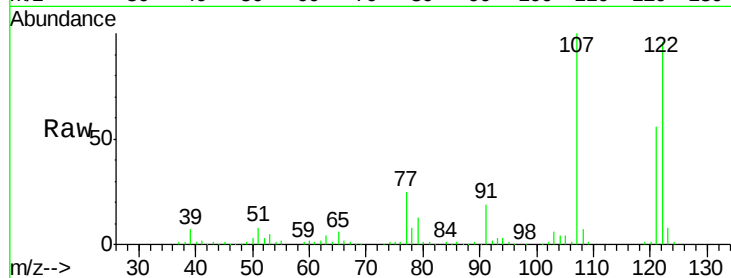




#27
 2,4-Dimethylphenol
 Concen: 36.03 ng
 RT: 7.91 min Scan# 492
 Delta R.T. -0.01 min
 Lab File: BF085207.D
 Acq: 4 Mar 2016 17:22

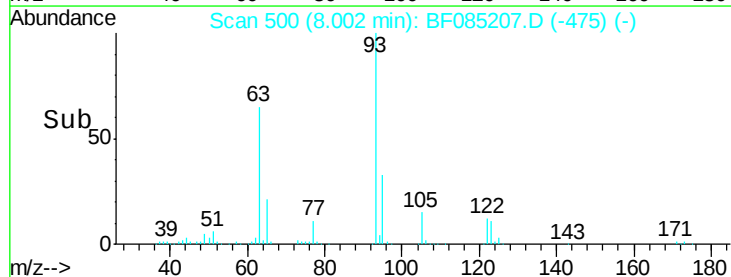
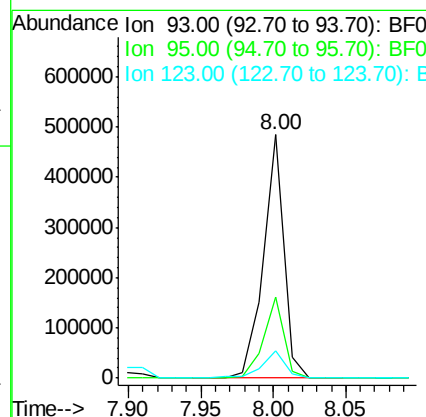
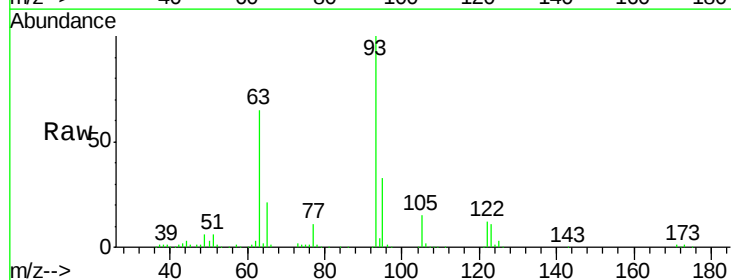
Instrument :
 BNA_F
 ClientSampleId :
 PB88703BS

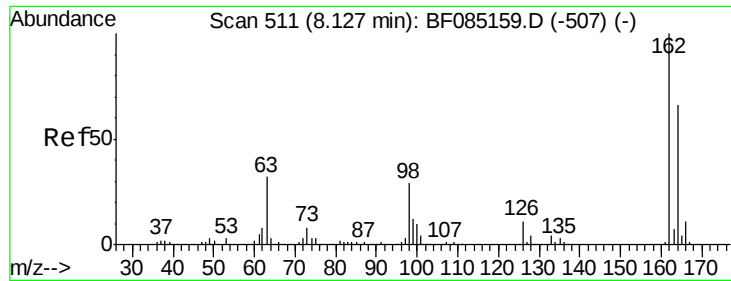
Tgt Ion:122 Resp: 409904
 Ion Ratio Lower Upper
 122 100
 107 104.3 84.8 127.2
 121 58.1 47.0 70.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.52 ng
 RT: 8.00 min Scan# 500
 Delta R.T. -0.01 min
 Lab File: BF085207.D
 Acq: 4 Mar 2016 17:22

Tgt Ion: 93 Resp: 474630
 Ion Ratio Lower Upper
 93 100
 95 33.2 25.9 38.9
 123 11.4 8.8 13.2

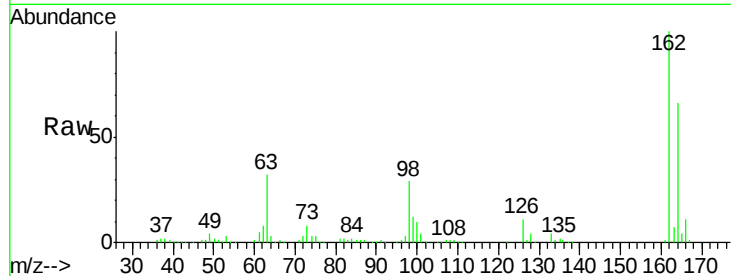




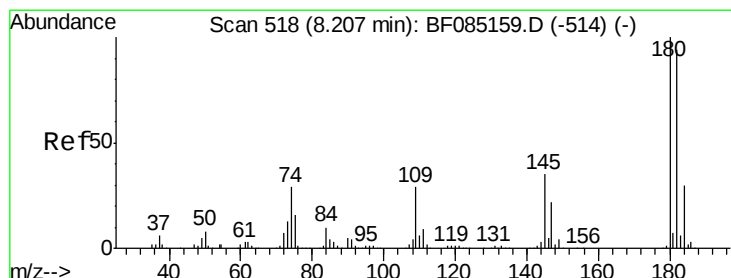
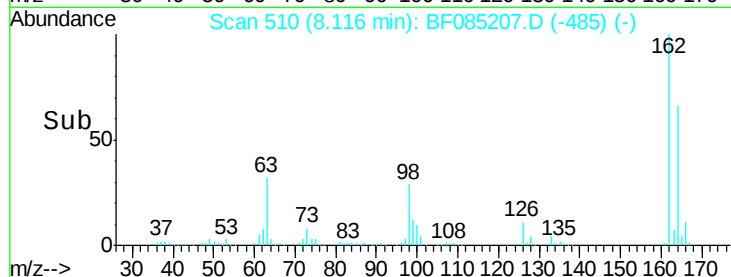
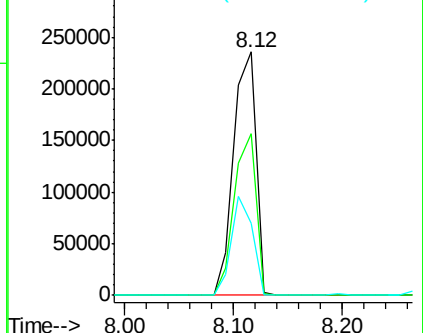
#29
 2,4-Dichlorophenol
 Concen: 36.42 ng
 RT: 8.12 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF085207.D
 Acq: 4 Mar 2016 17:22

Instrument :
 BNA_F
 ClientSampleId :
 PB88703BS

Tgt Ion:162 Resp: 334096
 Ion Ratio Lower Upper
 162 100
 164 66.5 45.7 85.7
 98 29.4 9.4 49.4

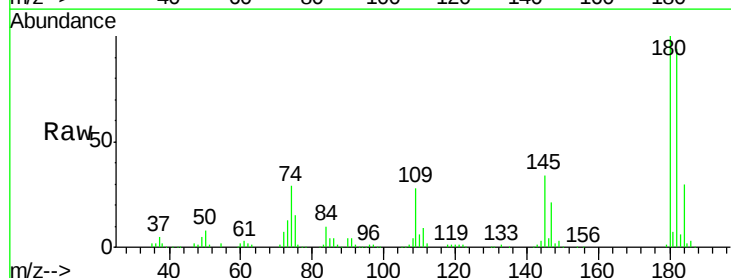


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

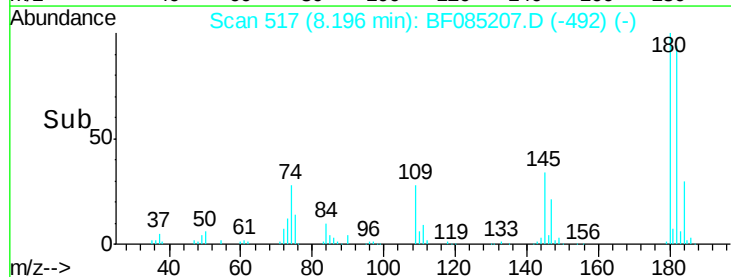
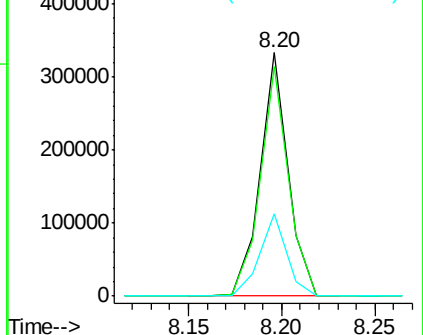


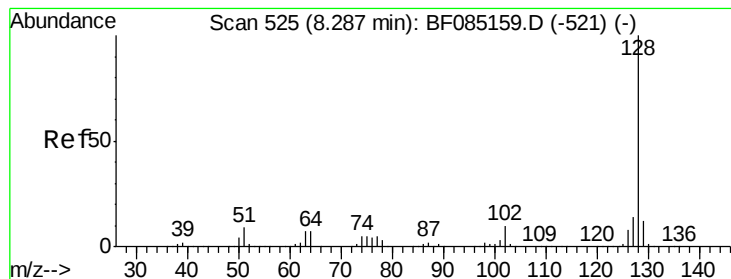
#30
 1,2,4-Trichlorobenzene
 Concen: 34.53 ng
 RT: 8.20 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF085207.D
 Acq: 4 Mar 2016 17:22

Tgt Ion:180 Resp: 342479
 Ion Ratio Lower Upper
 180 100
 182 94.1 74.9 112.3
 145 34.0 27.9 41.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 34.08 ng

RT: 8.28 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF085207.D

Acq: 4 Mar 2016 17:22

Instrument :

BNA_F

ClientSampleId :

PB88703BS

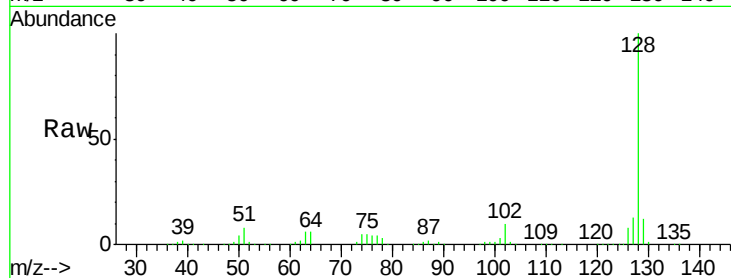
Tgt Ion:128 Resp: 1129254

Ion Ratio Lower Upper

128 100

129 11.7 9.7 14.5

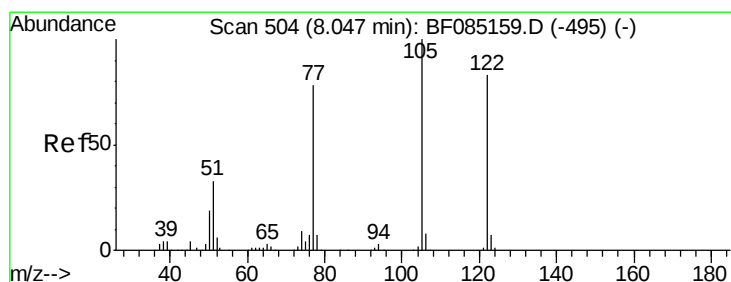
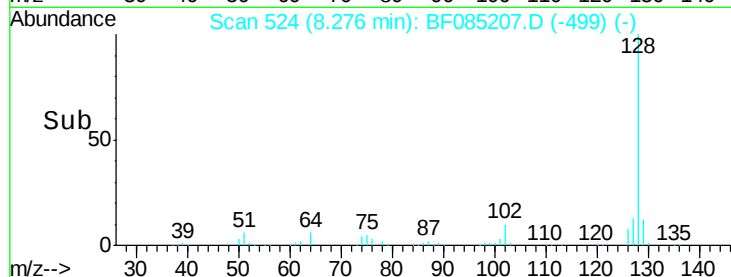
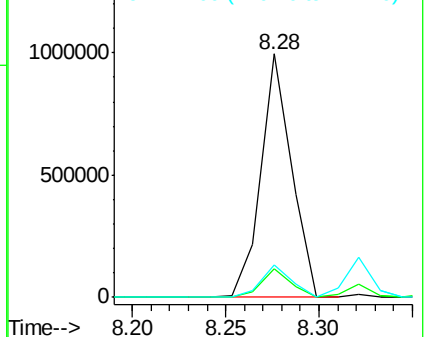
127 13.4 11.2 16.8



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: 22.49 ng

RT: 8.00 min Scan# 500

Delta R.T. -0.05 min

Lab File: BF085207.D

Acq: 4 Mar 2016 17:22

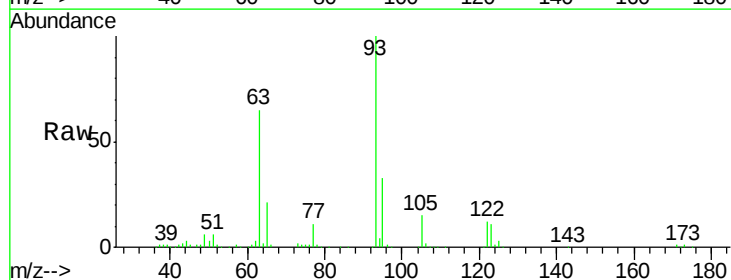
Tgt Ion:122 Resp: 169896

Ion Ratio Lower Upper

122 100

105 120.6 101.3 141.3

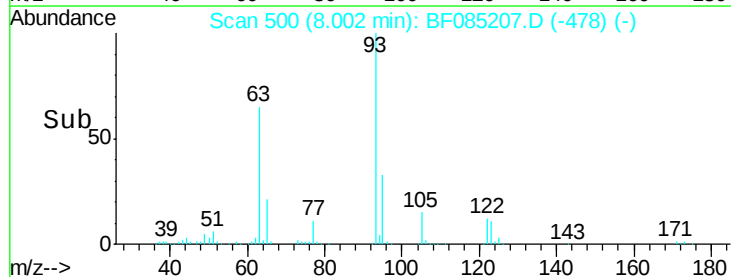
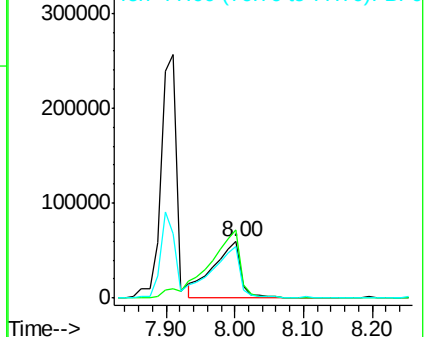
77 92.7 74.7 114.7

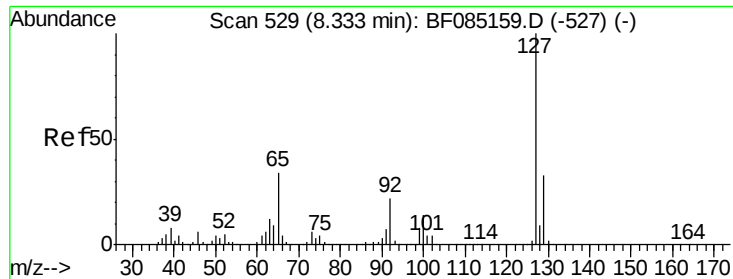


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

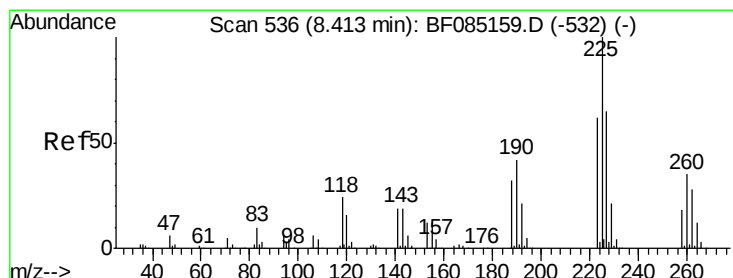
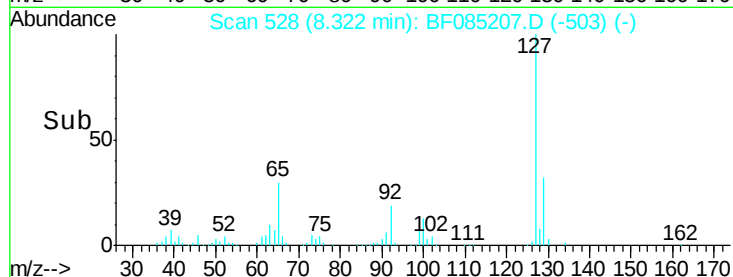
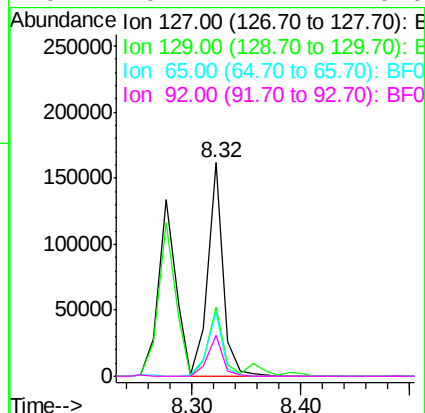
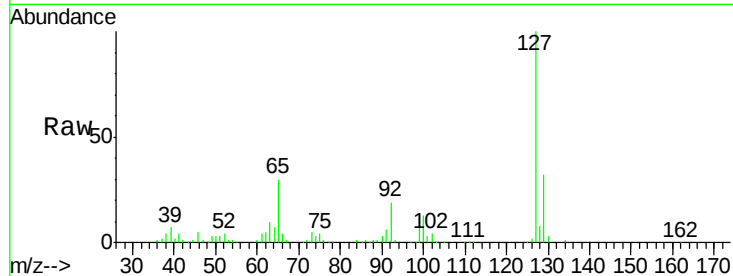




#33
4-Chloroaniline
Concen: 11.86 ng
RT: 8.32 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF085207.D
Acq: 4 Mar 2016 17:22

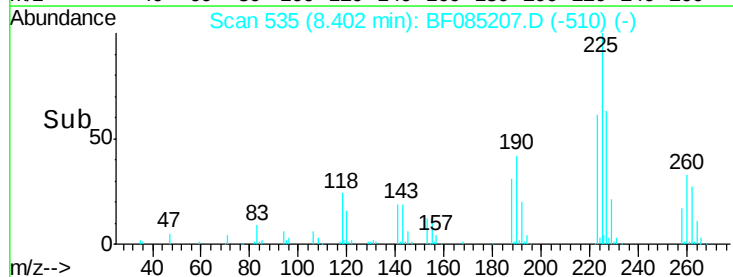
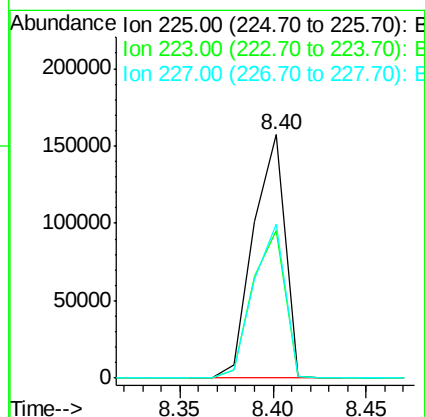
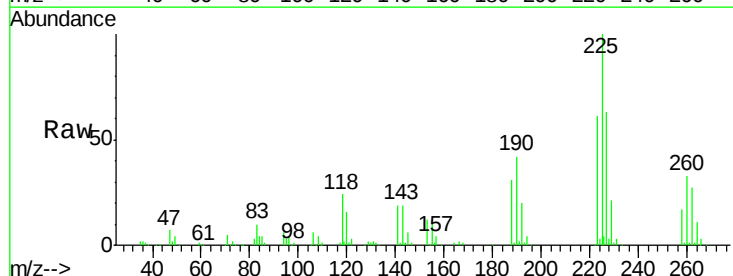
Instrument :
BNA_F
ClientSampleID :
PB88703BS

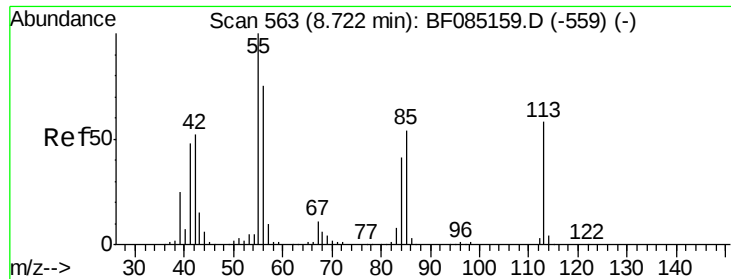
Tgt Ion:	127	Resp:	158974
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.1	39.1
65	29.9	27.0	40.6
92	19.4	17.4	26.0



#34
Hexachlorobutadiene
Concen: 35.72 ng
RT: 8.40 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF085207.D
Acq: 4 Mar 2016 17:22

Tgt Ion:	225	Resp:	184384
Ion	Ratio	Lower	Upper
225	100		
223	60.7	49.7	74.5
227	63.2	52.2	78.4

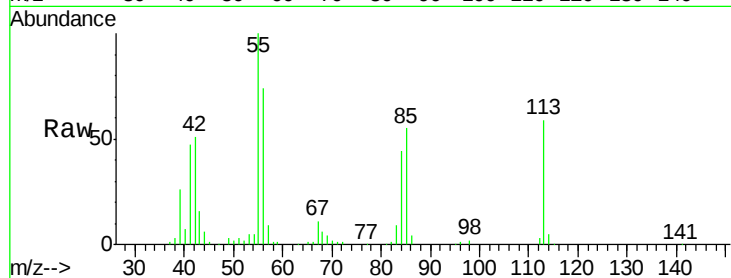




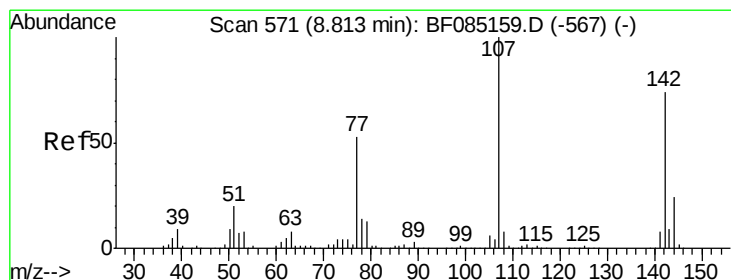
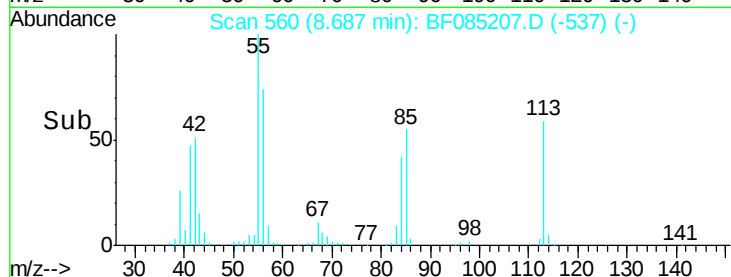
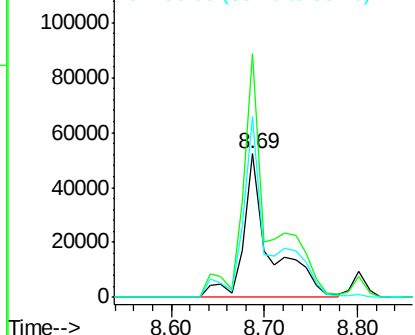
#35
 Caprolactam
 Concen: 35.31 ng
 RT: 8.69 min Scan# 560
 Delta R.T. -0.03 min
 Lab File: BF085207.D
 Acq: 4 Mar 2016 17:22

Instrument :
 BNA_F
 ClientSampleId :
 PB88703BS

Tgt Ion:113 Resp: 105787
 Ion Ratio Lower Upper
 113 100
 55 169.5 152.7 192.7
 56 125.5 109.0 149.0

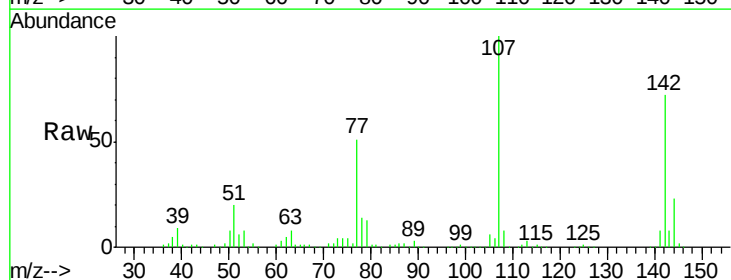


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

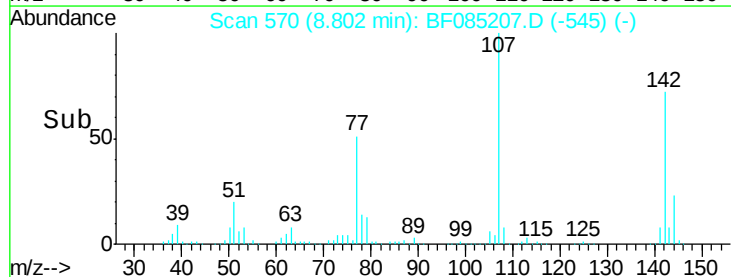
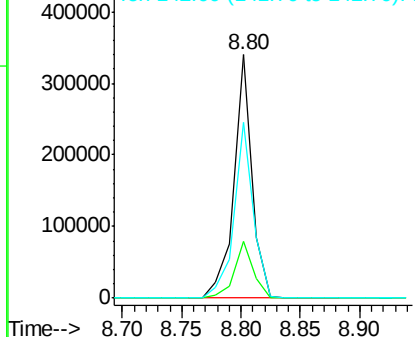


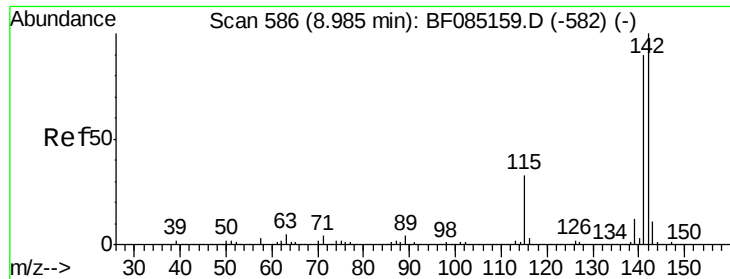
#36
 4-Chloro-3-methylphenol
 Concen: 34.56 ng
 RT: 8.80 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: BF085207.D
 Acq: 4 Mar 2016 17:22

Tgt Ion:107 Resp: 359760
 Ion Ratio Lower Upper
 107 100
 144 23.3 19.4 29.2
 142 72.0 59.4 89.2



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

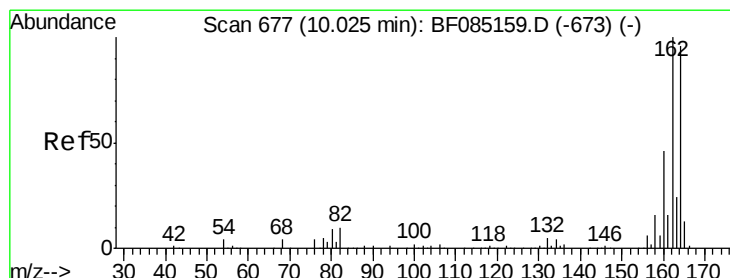
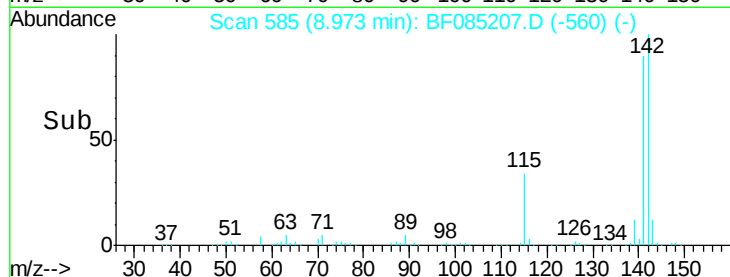
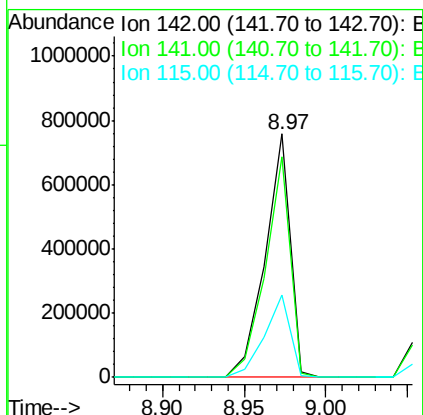
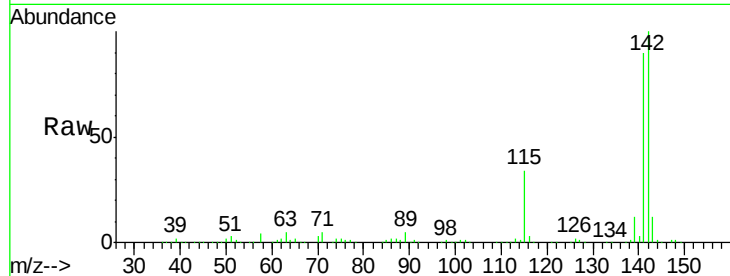




#37
 2-Methylnaphthalene
 Concen: 38.20 ng
 RT: 8.97 min Scan# 585
 Delta R.T. -0.01 min
 Lab File: BF085207.D
 Acq: 4 Mar 2016 17:22

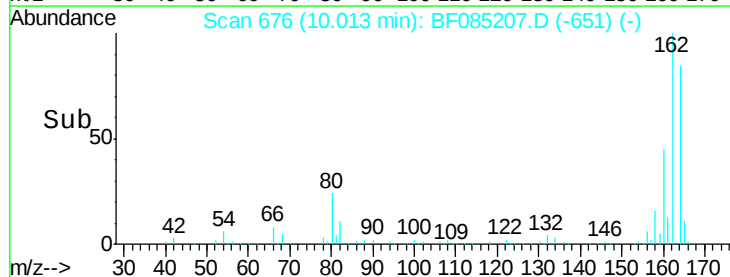
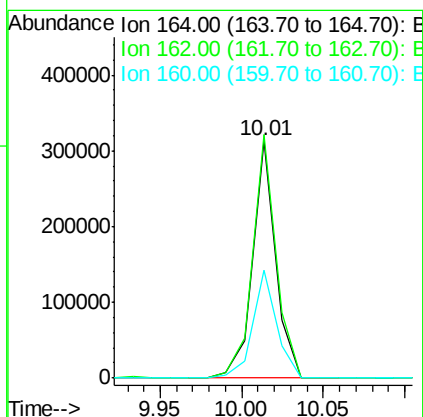
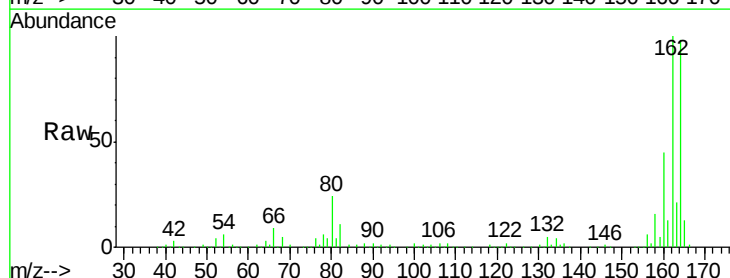
Instrument :
 BNA_F
 ClientSampleId :
 PB88703BS

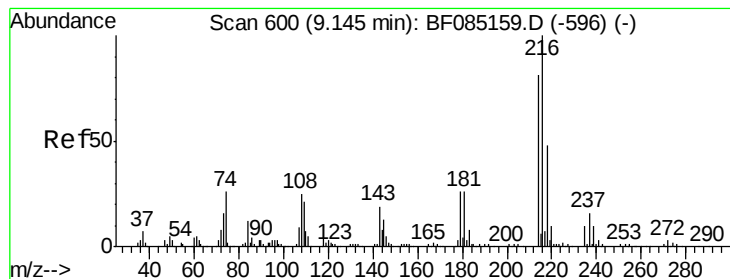
Tgt Ion:142 Resp: 812275
 Ion Ratio Lower Upper
 142 100
 141 90.4 71.7 107.5
 115 33.9 26.2 39.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.01 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF085207.D
 Acq: 4 Mar 2016 17:22

Tgt Ion:164 Resp: 306989
 Ion Ratio Lower Upper
 164 100
 162 102.5 83.3 124.9
 160 45.7 37.9 56.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.38 ng

RT: 9.13 min Scan# 599

Delta R.T. -0.01 min

Lab File: BF085207.D

Acq: 4 Mar 2016 17:22

Instrument :

BNA_F

ClientSampleId :

PB88703BS

Tgt Ion:216 Resp: 301822

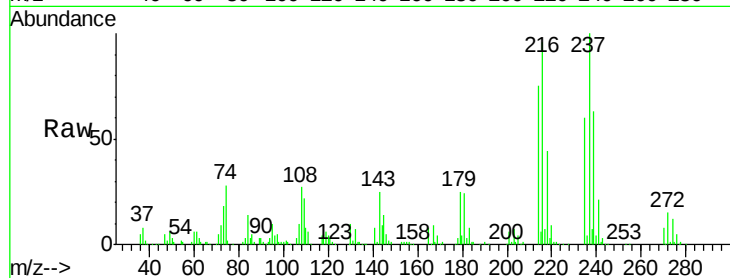
Ion Ratio Lower Upper

216 100

214 78.2 63.8 95.6

179 22.7 19.6 29.4

108 23.6 19.6 29.4

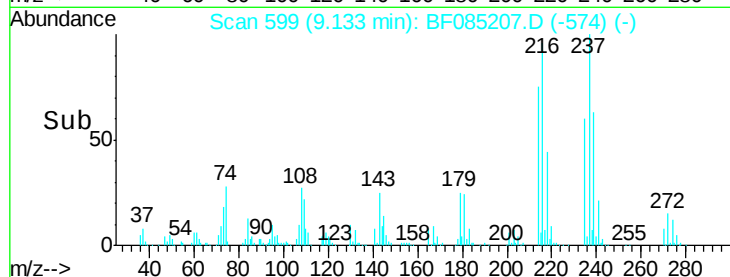


Abundance Ion 216.00 (215.70 to 216.70): E

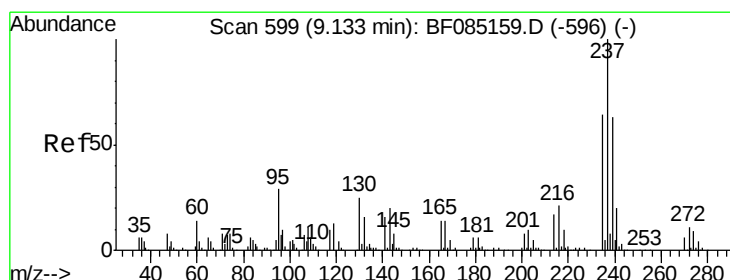
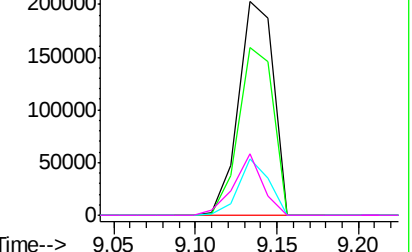
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 74.85 ng

RT: 9.12 min Scan# 598

Delta R.T. -0.01 min

Lab File: BF085207.D

Acq: 4 Mar 2016 17:22

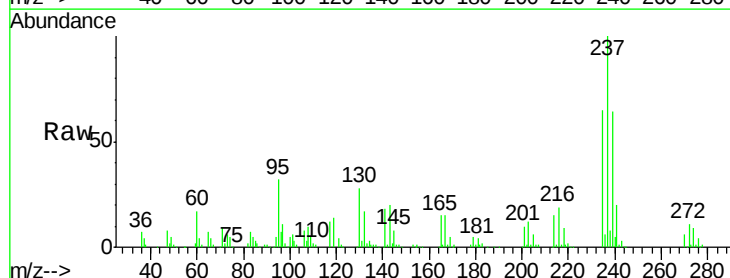
Tgt Ion:237 Resp: 354439

Ion Ratio Lower Upper

237 100

235 65.2 43.7 83.7

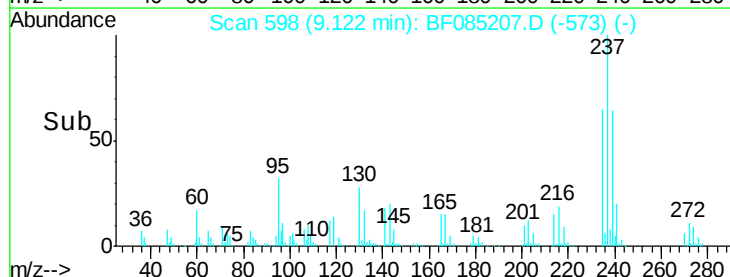
272 11.4 0.0 31.5



Abundance Ion 236.80 (236.50 to 237.50): E

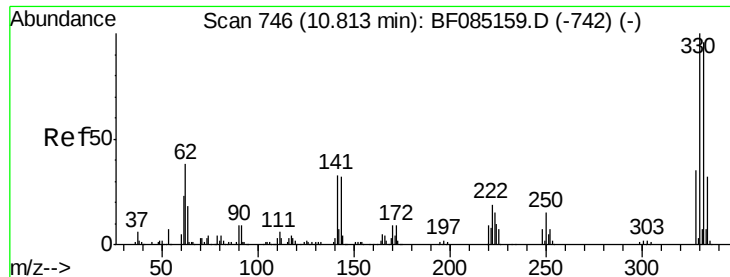
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

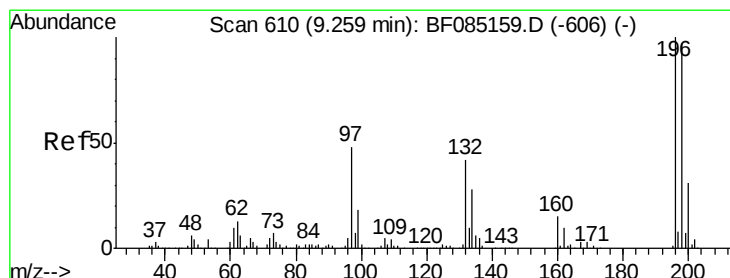
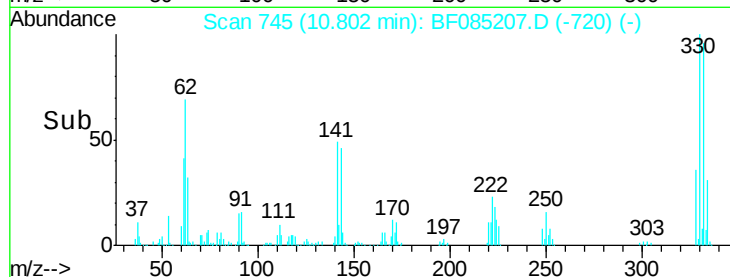
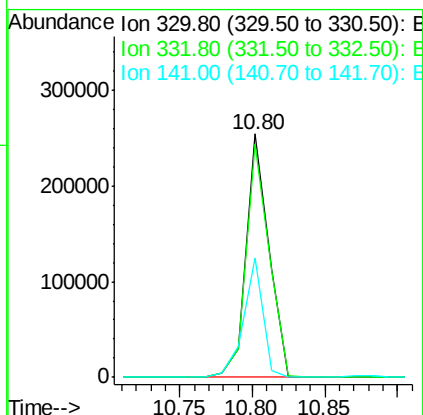
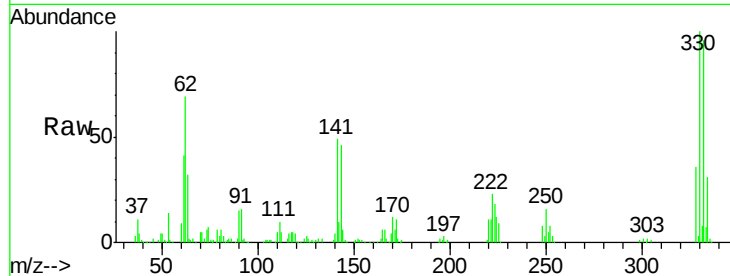




#41
 2,4,6-Tribromophenol
 Concen: 105.29 ng
 RT: 10.80 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF085207.D
 Acq: 4 Mar 2016 17:22

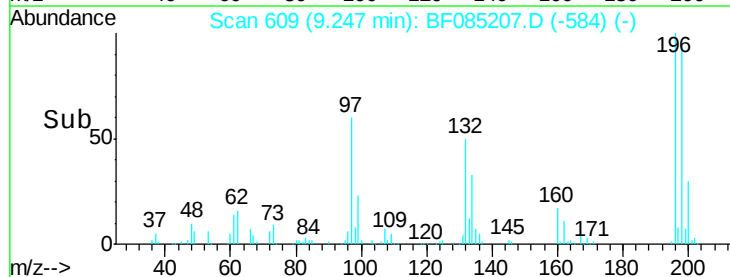
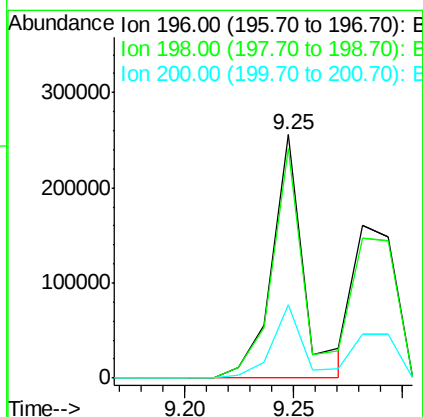
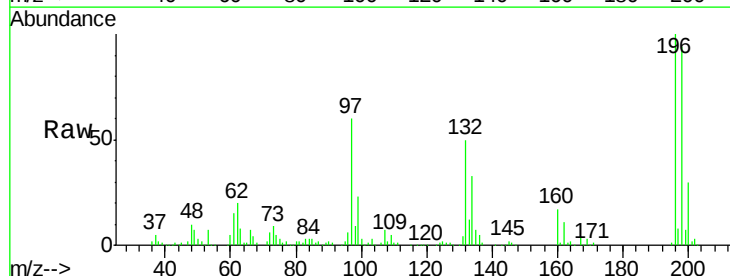
Instrument :
 BNA_F
 ClientSampleId :
 PB88703BS

Tgt Ion:330 Resp: 276571
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.1 115.7
 141 42.4 35.0 52.6



#42
 2,4,6-Trichlorophenol
 Concen: 39.79 ng
 RT: 9.25 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF085207.D
 Acq: 4 Mar 2016 17:22

Tgt Ion:196 Resp: 260063
 Ion Ratio Lower Upper
 196 100
 198 94.4 77.8 116.6
 200 29.9 25.0 37.6

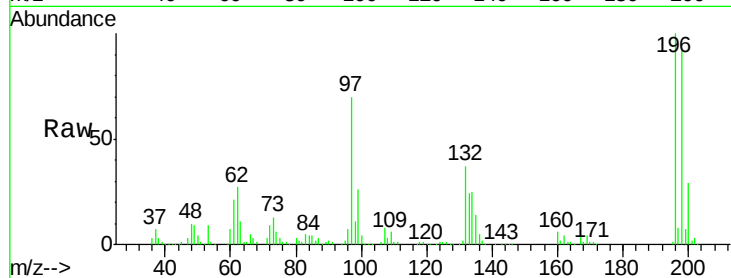




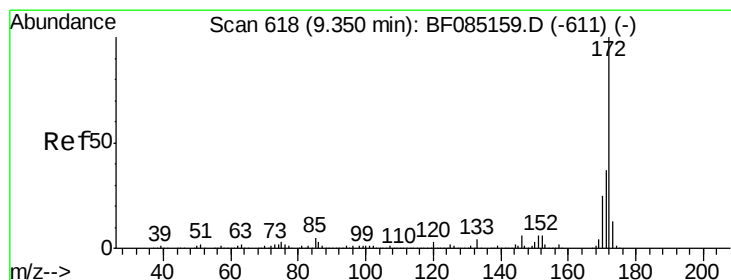
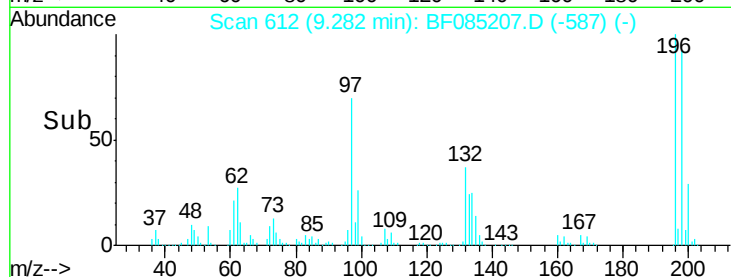
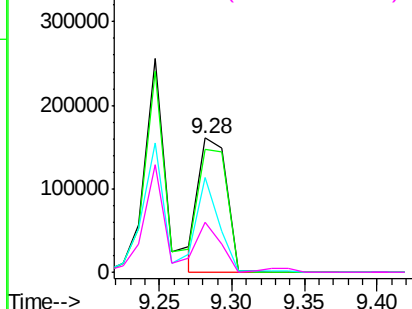
#43
 2,4,5-Trichlorophenol
 Concen: 34.69 ng
 RT: 9.28 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF085207.D
 Acq: 4 Mar 2016 17:22

Instrument :
 BNA_F
 ClientSampleId :
 PB88703BS

Tgt Ion:196 Resp: 214989
 Ion Ratio Lower Upper
 196 100
 198 91.6 75.7 113.5
 97 70.3 46.4 69.6#
 132 37.5 26.2 39.4

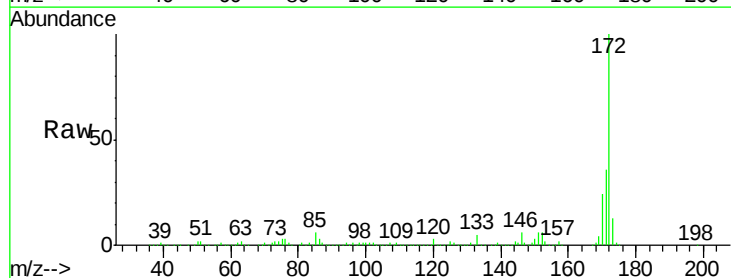


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

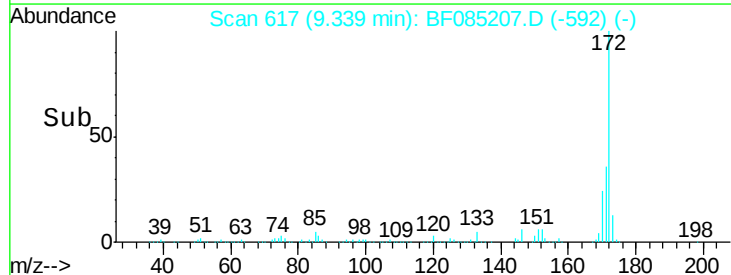
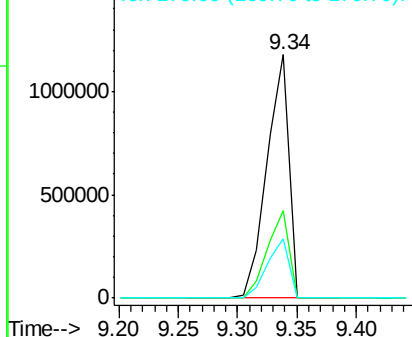


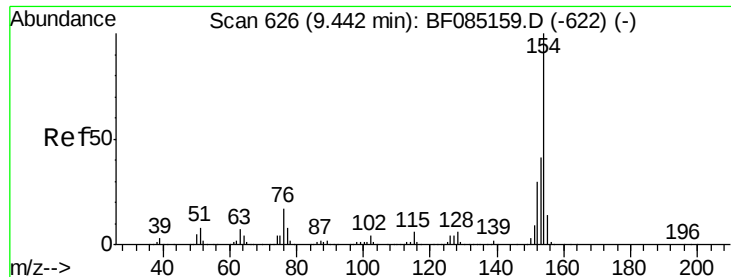
#44
 2-Fluorobiphenyl
 Concen: 75.45 ng
 RT: 9.34 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF085207.D
 Acq: 4 Mar 2016 17:22

Tgt Ion:172 Resp: 1522995
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.3 43.9
 170 24.5 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: 33.78 ng

RT: 9.43 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF085207.D

Acq: 4 Mar 2016 17:22

Instrument :

BNA_F

ClientSampleId :

PB88703BS

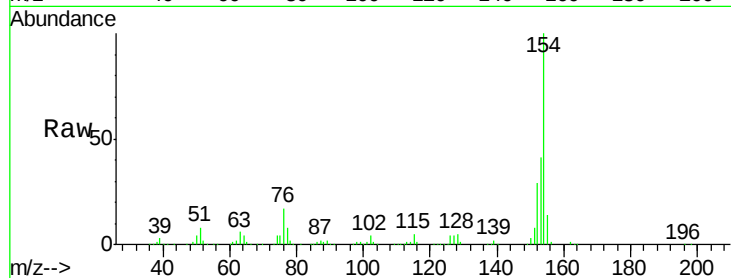
Tgt Ion:154 Resp: 885850

Ion Ratio Lower Upper

154 100

153 40.9 21.4 61.4

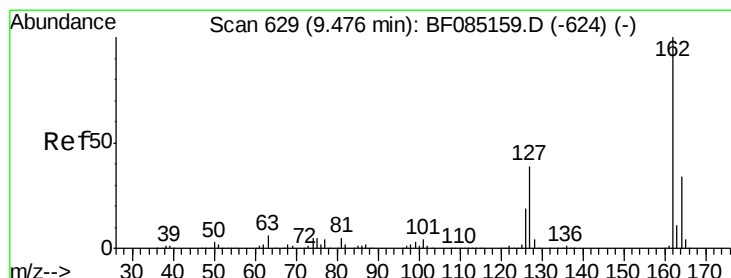
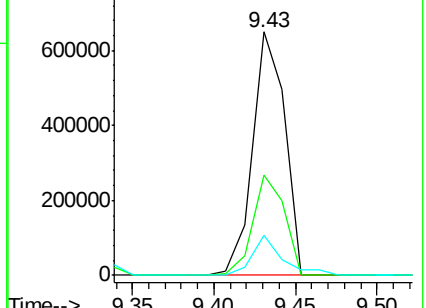
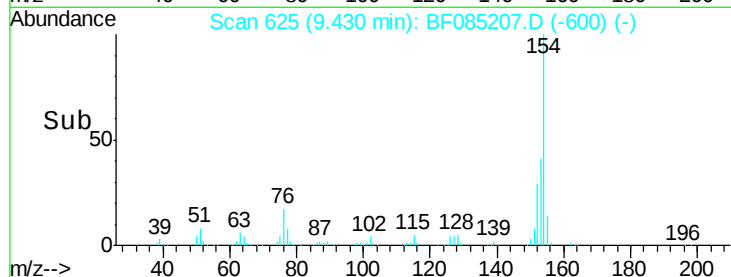
76 16.6 0.0 37.5



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: 36.24 ng

RT: 9.46 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF085207.D

Acq: 4 Mar 2016 17:22

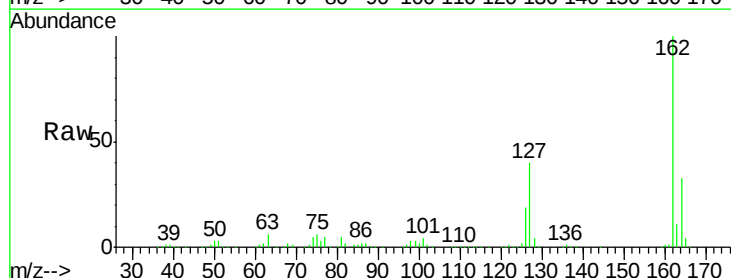
Tgt Ion:162 Resp: 724600

Ion Ratio Lower Upper

162 100

127 40.4 31.6 47.4

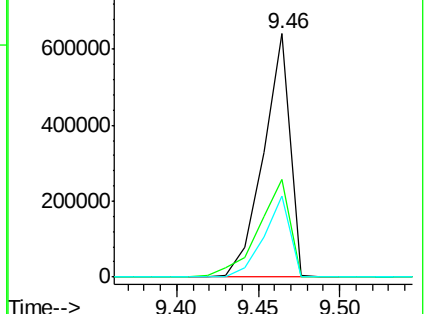
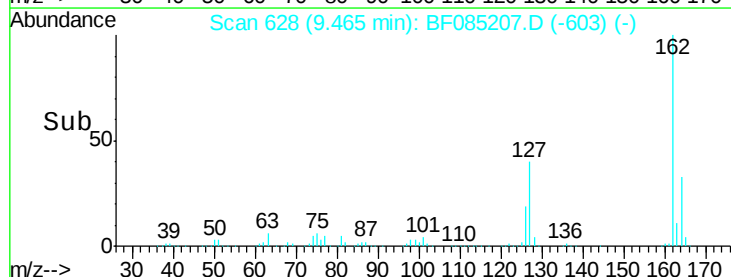
164 33.1 27.1 40.7

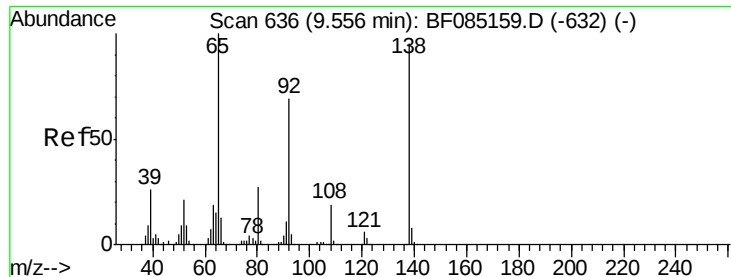


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

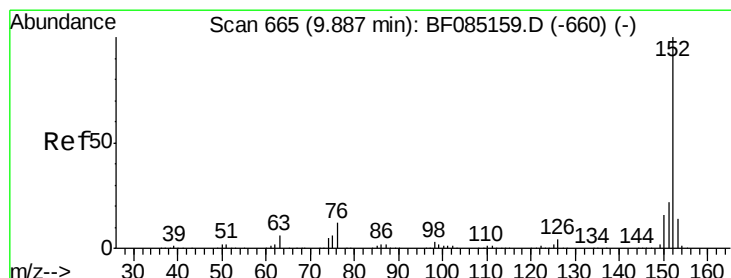
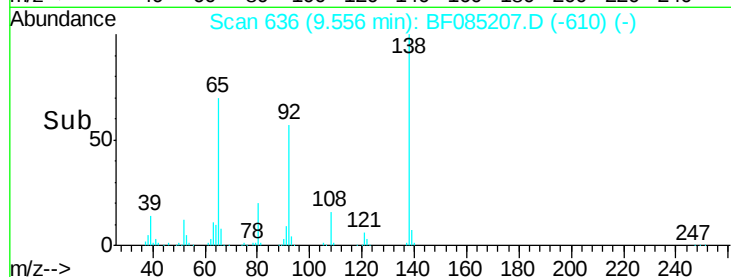
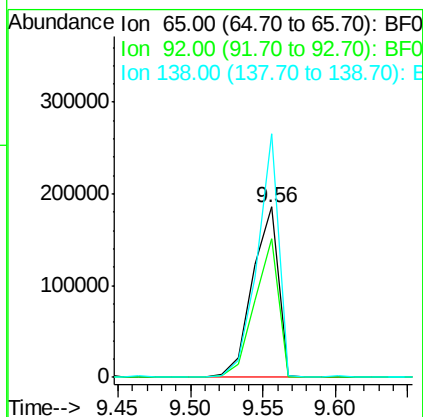
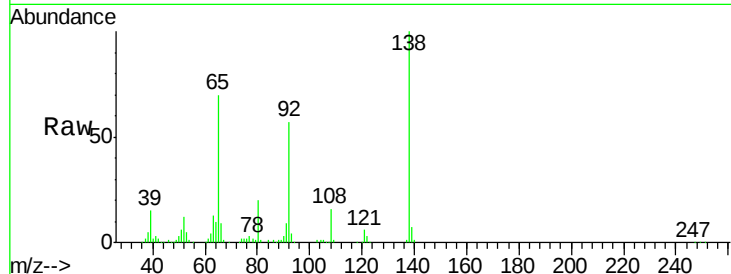




#47
2-Nitroaniline
Concen: 37.10 ng
RT: 9.56 min Scan# 636
Delta R.T. 0.00 min
Lab File: BF085207.D
Acq: 4 Mar 2016 17:22

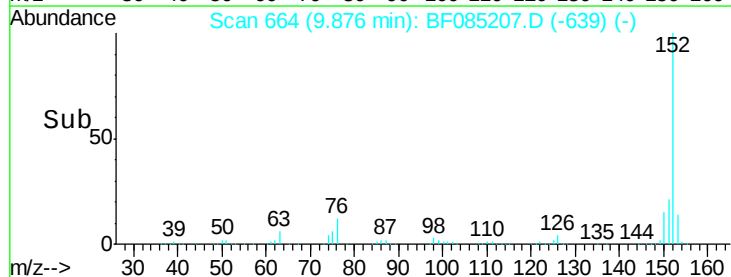
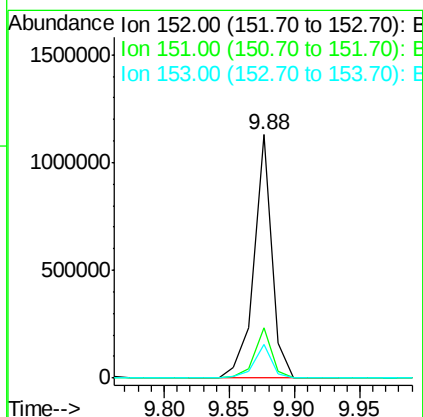
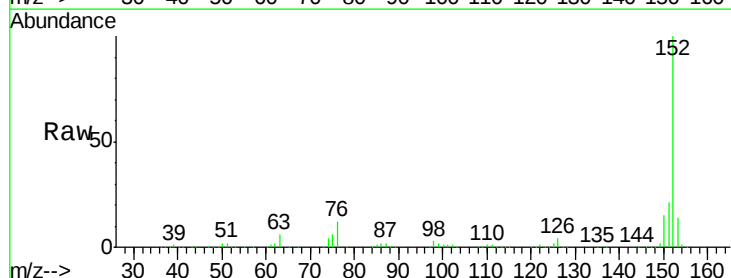
Instrument :
BNA_F
ClientSampleId :
PB88703BS

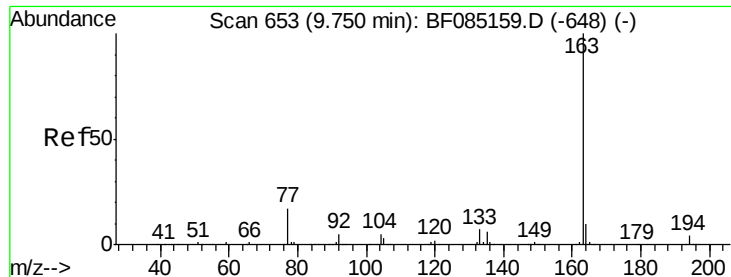
Tgt Ion: 65 Resp: 229843
Ion Ratio Lower Upper
65 100
92 81.8 55.4 83.2
138 143.0 75.7 113.5#



#48
Acenaphthylene
Concen: 34.87 ng
RT: 9.88 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF085207.D
Acq: 4 Mar 2016 17:22

Tgt Ion: 152 Resp: 1084847
Ion Ratio Lower Upper
152 100
151 20.9 17.5 26.3
153 13.7 11.3 16.9

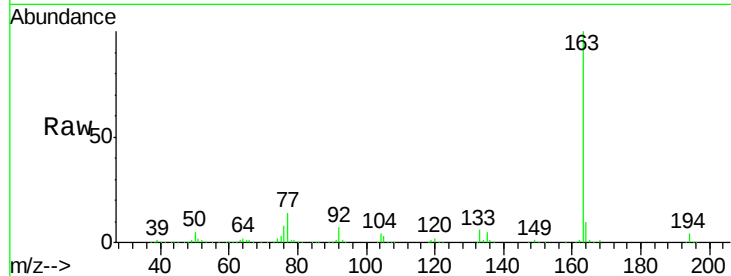




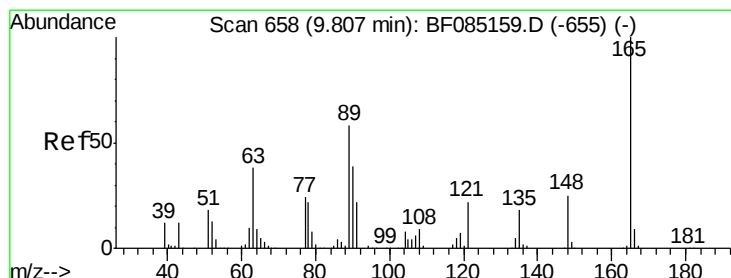
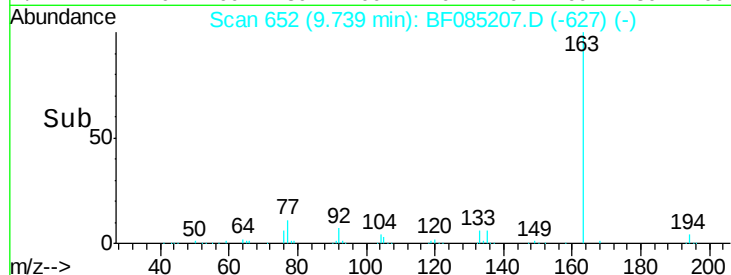
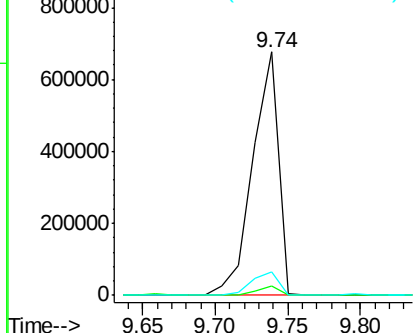
#49
Dimethylphthalate
Concen: 35.36 ng
RT: 9.74 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF085207.D
Acq: 4 Mar 2016 17:22

Instrument :
BNA_F
ClientSampleId :
PB88703BS

Tgt Ion:163 Resp: 833182
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 9.6 8.2 12.4

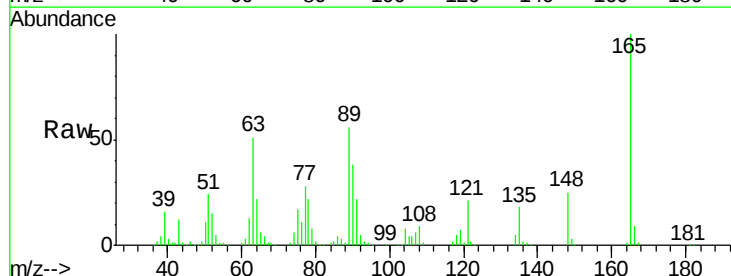


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

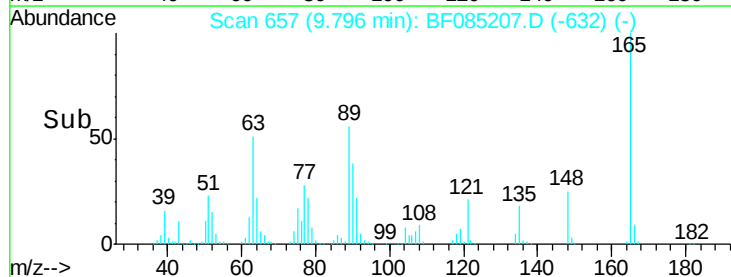
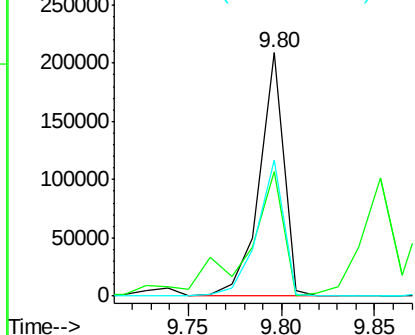


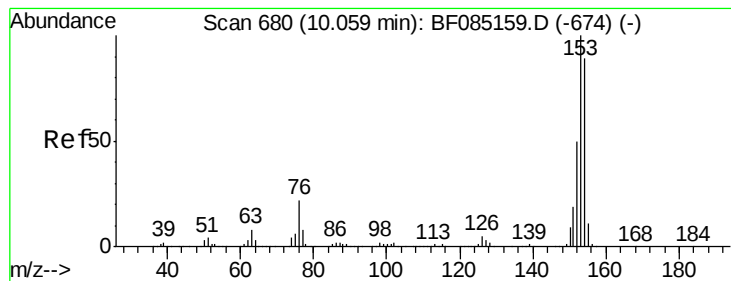
#50
2,6-Dinitrotoluene
Concen: 37.37 ng
RT: 9.80 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF085207.D
Acq: 4 Mar 2016 17:22

Tgt Ion:165 Resp: 188358
Ion Ratio Lower Upper
165 100
63 51.0 41.8 62.8
89 55.9 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: 38.17 ng

RT: 10.05 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF085207.D

Acq: 4 Mar 2016 17:22

Instrument :

BNA_F

ClientSampleId :

PB88703BS

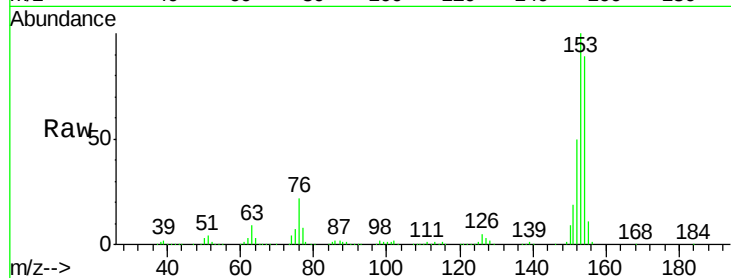
Tgt Ion:154 Resp: 721130

Ion Ratio Lower Upper

154 100

153 112.3 89.8 134.8

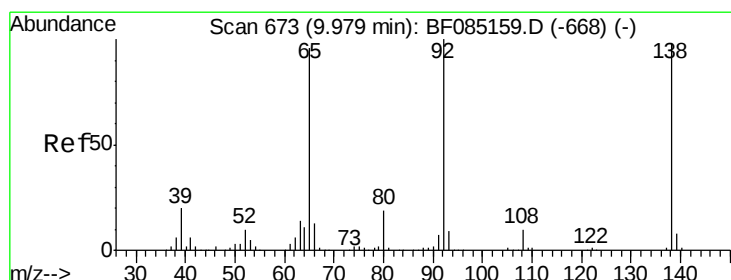
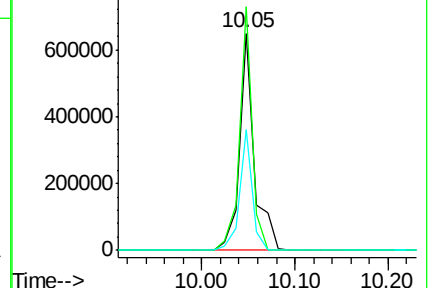
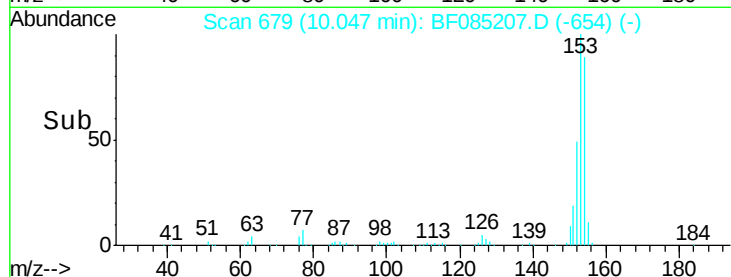
152 55.7 44.6 66.8



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: 18.24 ng

RT: 9.96 min Scan# 671

Delta R.T. -0.02 min

Lab File: BF085207.D

Acq: 4 Mar 2016 17:22

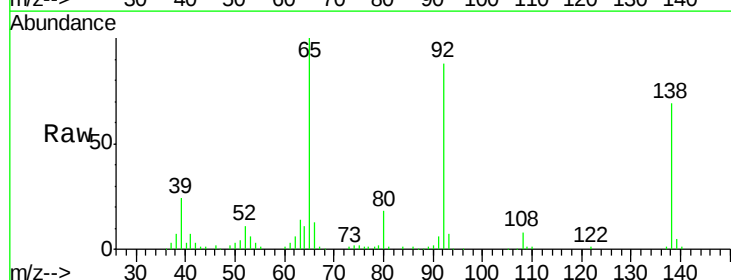
Tgt Ion:138 Resp: 109997

Ion Ratio Lower Upper

138 100

108 11.5 7.8 11.6

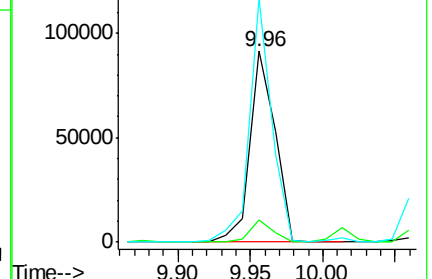
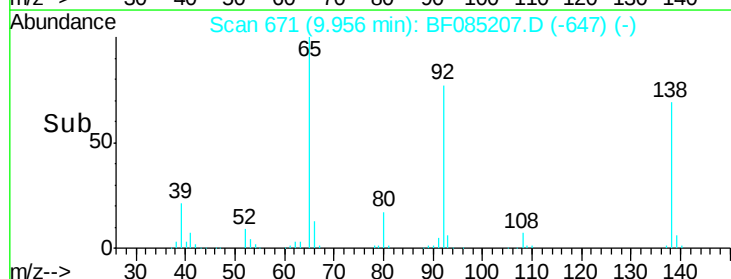
92 127.5 81.3 121.9#

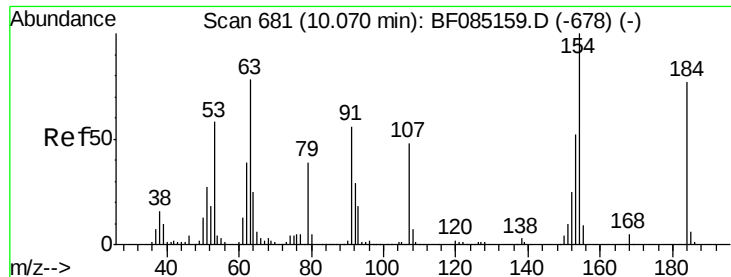


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

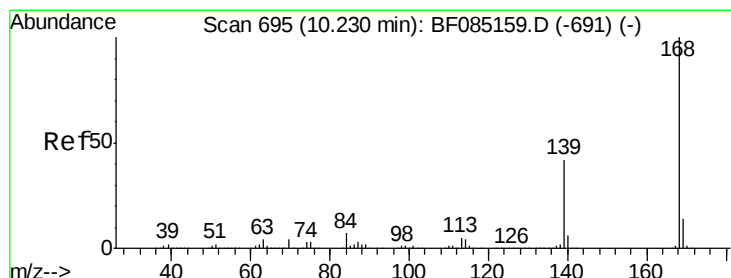
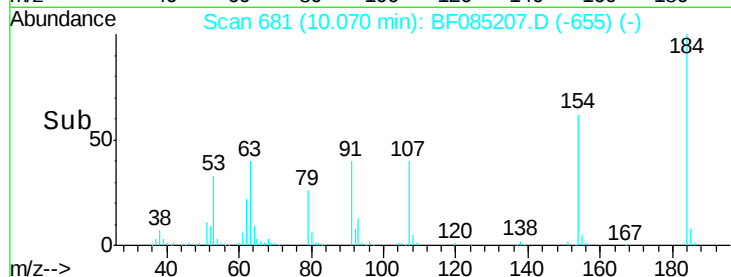
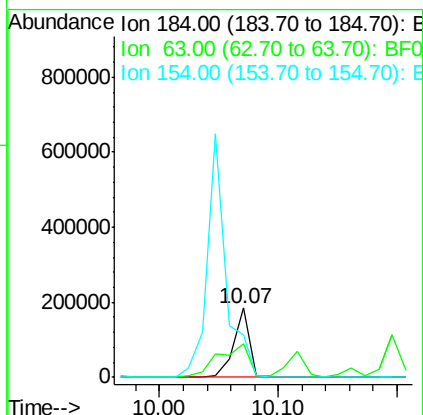
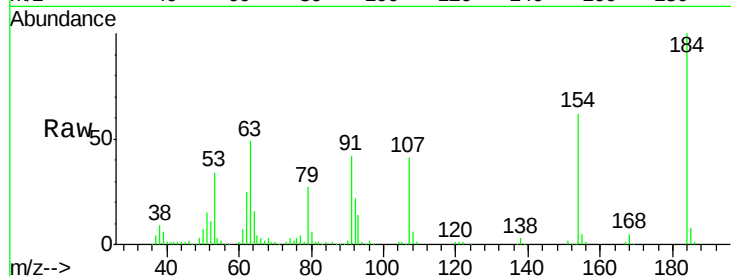




#53
 2,4-Dinitrophenol
 Concen: 67.13 ng
 RT: 10.07 min Scan# 681
 Delta R.T. 0.00 min
 Lab File: BF085207.D
 Acq: 4 Mar 2016 17:22

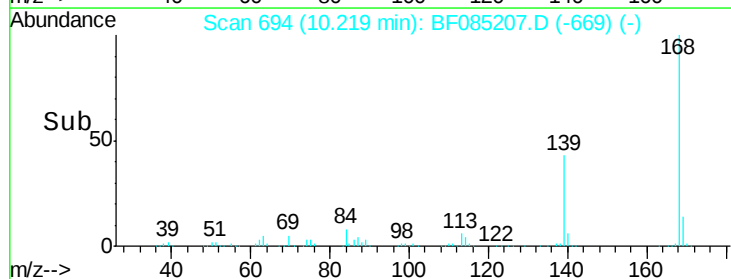
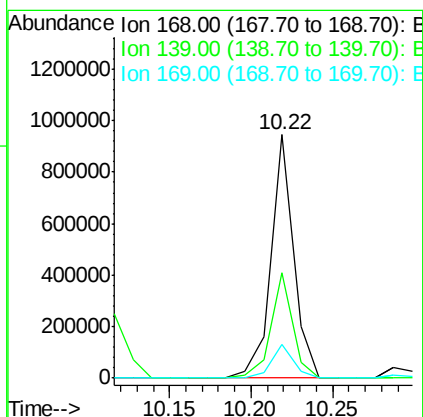
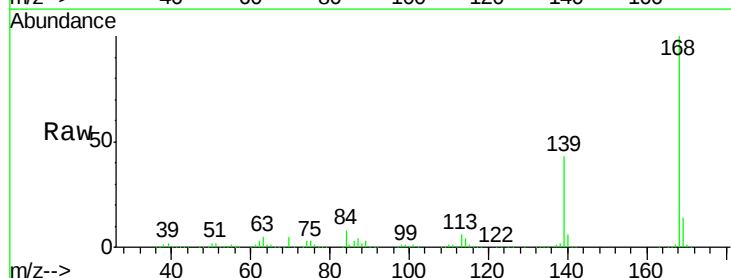
Instrument :
 BNA_F
 ClientSampleId :
 PB88703BS

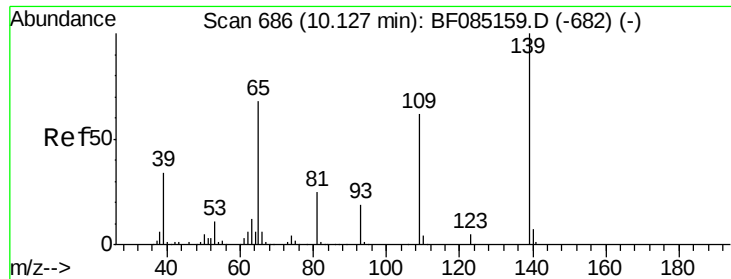
Tgt Ion:184 Resp: 168034
 Ion Ratio Lower Upper
 184 100
 63 49.0 82.2 123.4#
 154 61.6 108.9 163.3#



#54
 Dibenzofuran
 Concen: 36.94 ng
 RT: 10.22 min Scan# 694
 Delta R.T. -0.01 min
 Lab File: BF085207.D
 Acq: 4 Mar 2016 17:22

Tgt Ion:168 Resp: 914426
 Ion Ratio Lower Upper
 168 100
 139 43.1 33.6 50.4
 169 14.0 11.2 16.8

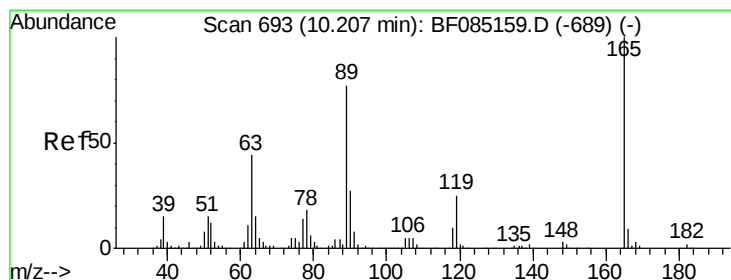
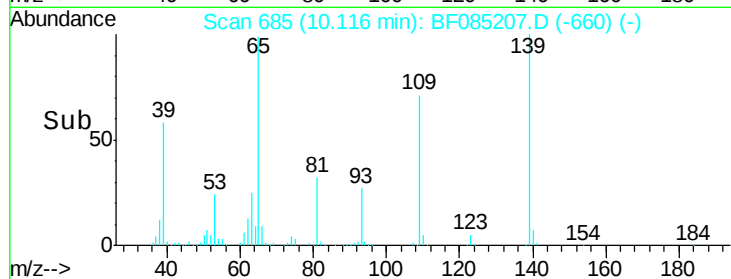
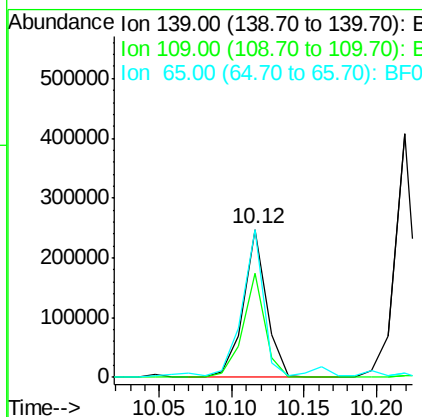
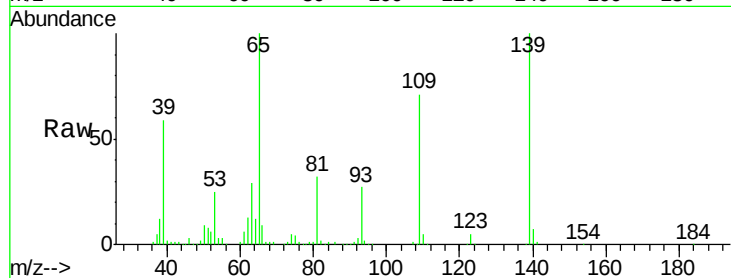




#55
4-Nitrophenol
Concen: 57.91 ng
RT: 10.12 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF085207.D
Acq: 4 Mar 2016 17:22

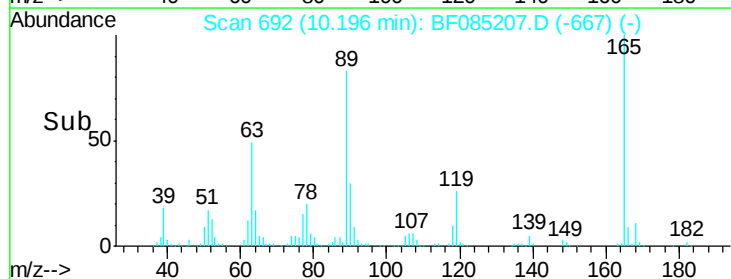
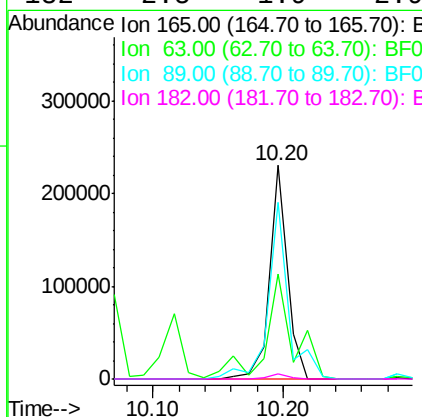
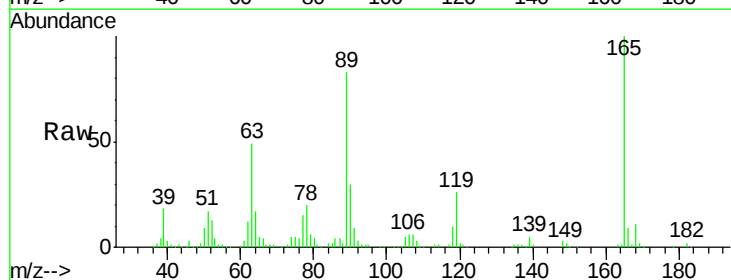
Instrument :
BNA_F
ClientSampleId :
PB88703BS

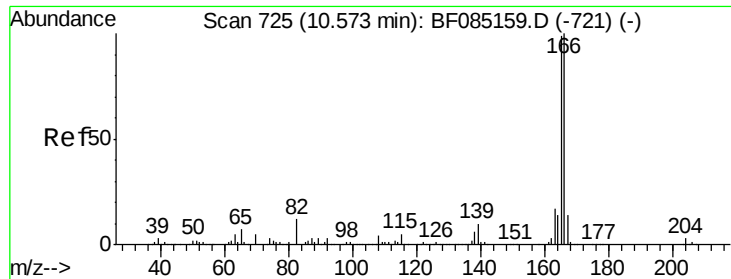
Tgt Ion:139 Resp: 274472
Ion Ratio Lower Upper
139 100
109 70.6 41.9 81.9
65 99.6 48.3 88.3#



#56
2,4-Dinitrotoluene
Concen: 34.44 ng
RT: 10.20 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF085207.D
Acq: 4 Mar 2016 17:22

Tgt Ion:165 Resp: 222207
Ion Ratio Lower Upper
165 100
63 49.1 35.4 53.0
89 82.7 61.9 92.9
182 2.5 1.9 2.9

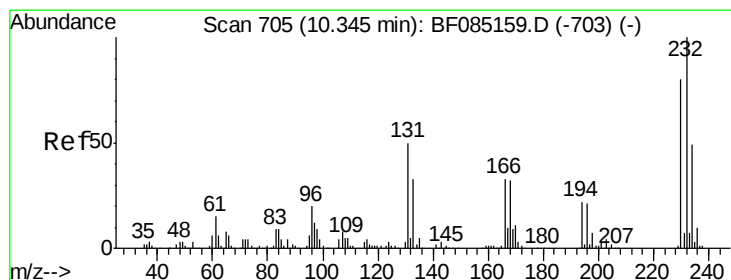
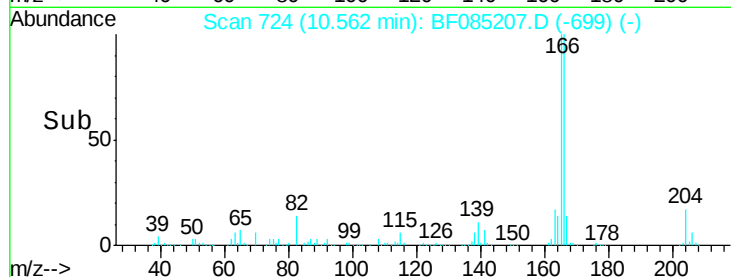
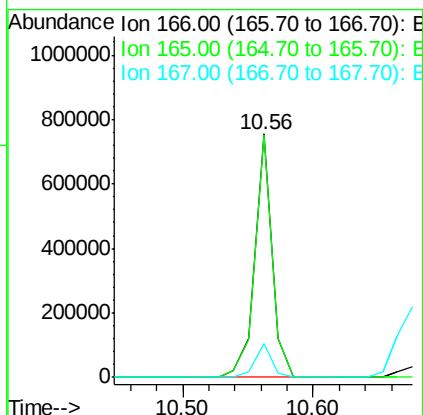
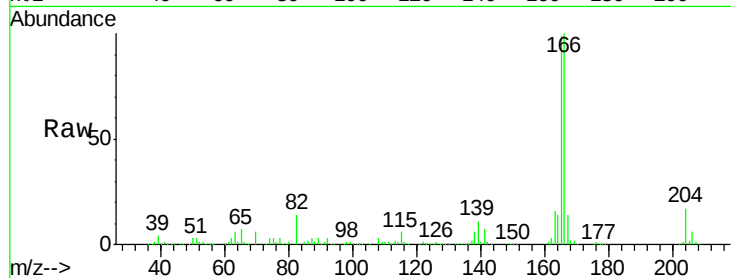




#57
 Fluorene
 Concen: 35.91 ng
 RT: 10.56 min Scan# 724
 Delta R.T. -0.01 min
 Lab File: BF085207.D
 Acq: 4 Mar 2016 17:22

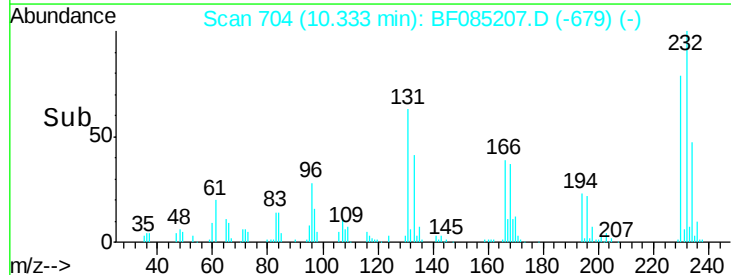
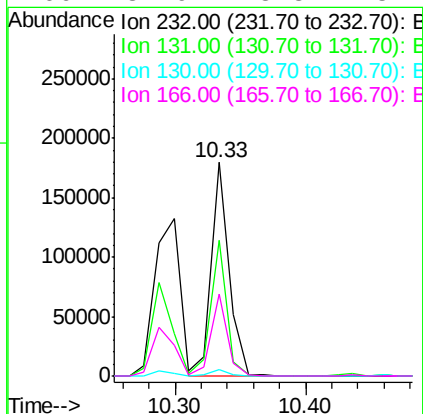
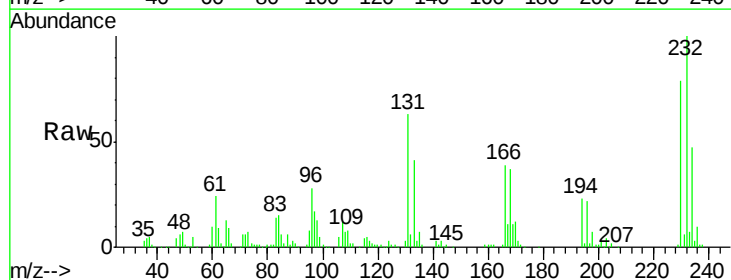
Instrument :
 BNA_F
 ClientSampleId :
 PB88703BS

Tgt Ion:166 Resp: 698285
 Ion Ratio Lower Upper
 166 100
 165 99.4 79.4 119.0
 167 13.6 11.0 16.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.48 ng
 RT: 10.33 min Scan# 704
 Delta R.T. -0.01 min
 Lab File: BF085207.D
 Acq: 4 Mar 2016 17:22

Tgt Ion:232 Resp: 171856
 Ion Ratio Lower Upper
 232 100
 131 56.3 46.0 69.0
 130 2.7 2.2 3.4
 166 34.9 28.8 43.2

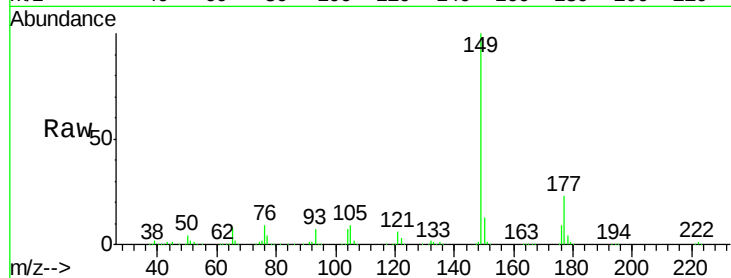




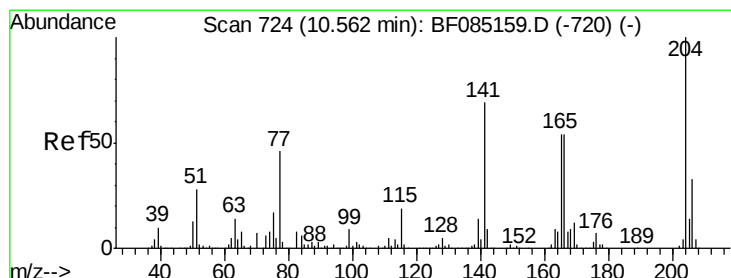
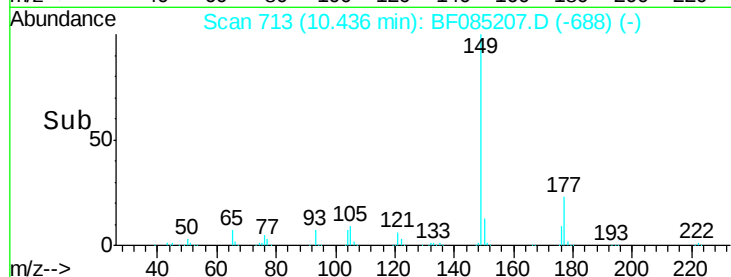
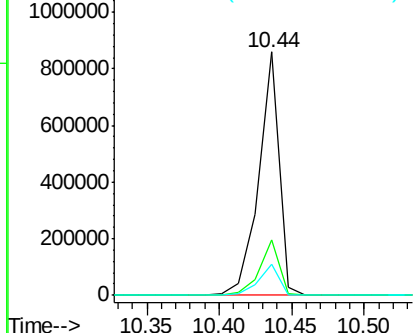
#59
Diethylphthalate
Concen: 36.67 ng
RT: 10.44 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF085207.D
Acq: 4 Mar 2016 17:22

Instrument :
BNA_F
ClientSampleId :
PB88703BS

Tgt Ion:149 Resp: 838418
Ion Ratio Lower Upper
149 100
177 22.6 19.2 28.8
150 12.6 9.9 14.9

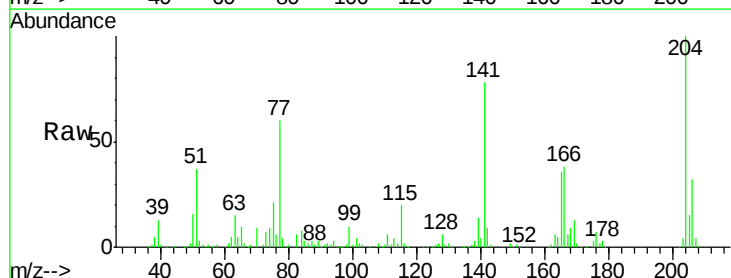


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

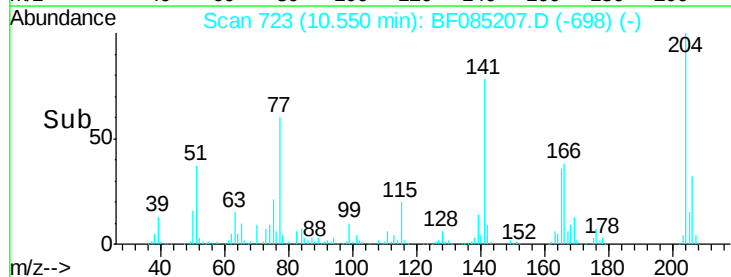
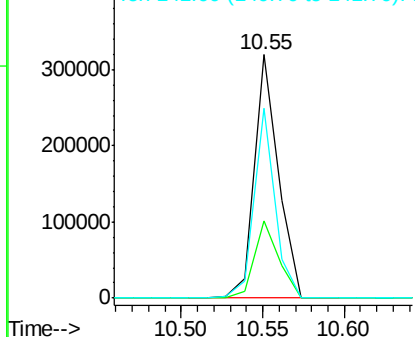


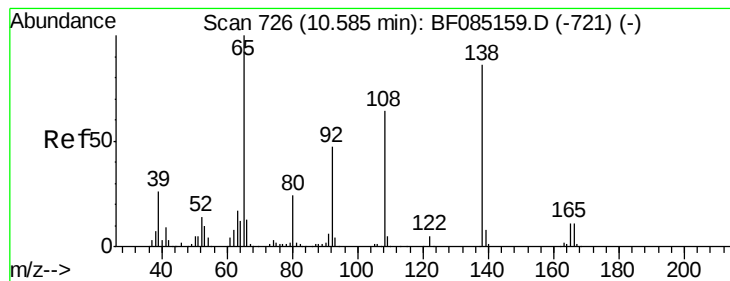
#60
4-Chlorophenyl-phenylether
Concen: 34.54 ng
RT: 10.55 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF085207.D
Acq: 4 Mar 2016 17:22

Tgt Ion:204 Resp: 326759
Ion Ratio Lower Upper
204 100
206 31.8 26.5 39.7
141 78.1 55.4 83.2



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





#61

4-Nitroaniline

Concen: 30.26 ng

RT: 10.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF085207.D

Acq: 4 Mar 2016 17:22

Instrument :

BNA_F

ClientSampleId :

PB88703BS

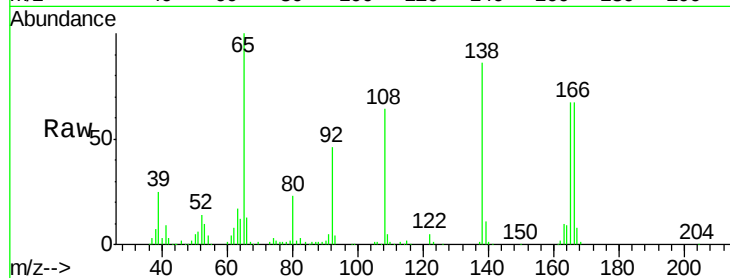
Tgt Ion:138 Resp: 170663

Ion Ratio Lower Upper

138 100

92 53.3 34.2 74.2

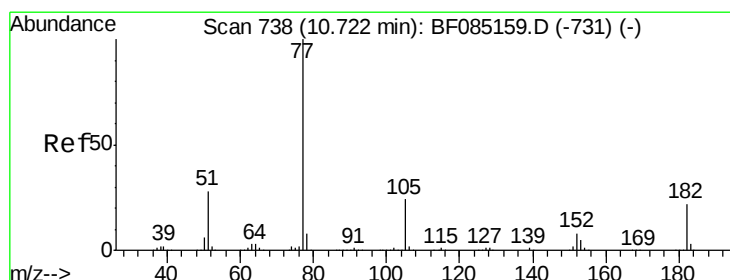
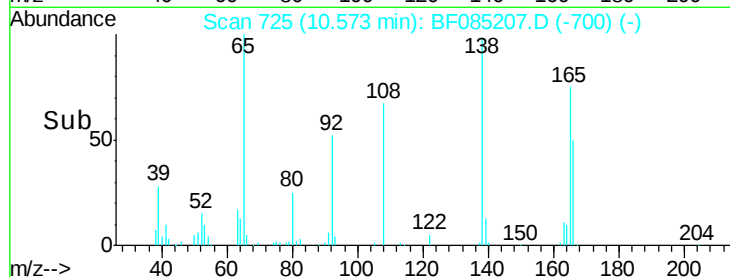
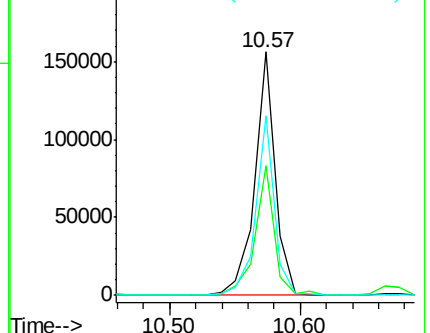
108 73.8 53.9 93.9



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: 37.69 ng

RT: 10.71 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF085207.D

Acq: 4 Mar 2016 17:22

Tgt Ion: 77 Resp: 848932

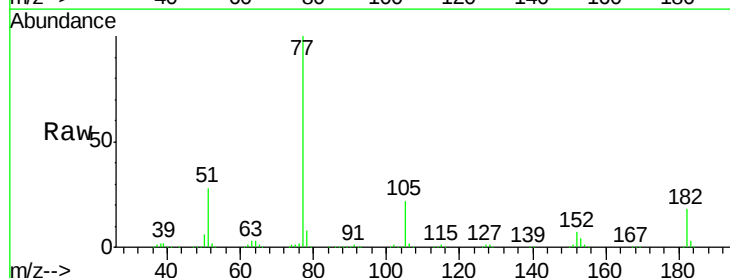
Ion Ratio Lower Upper

77 100

182 18.2 2.1 42.1

105 21.9 3.8 43.8

51 27.8 7.8 47.8

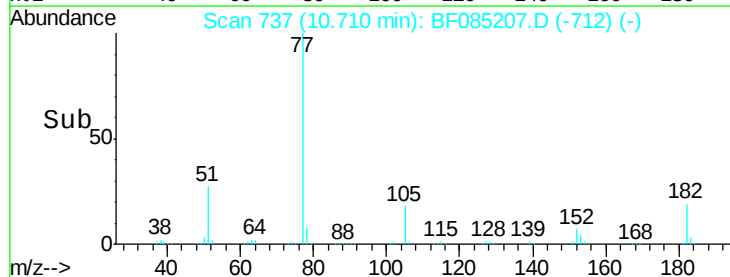
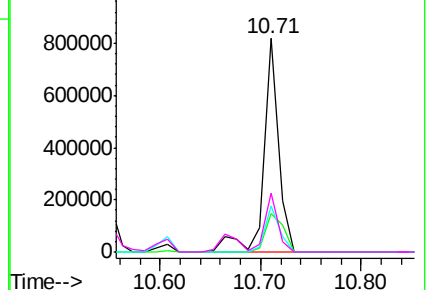


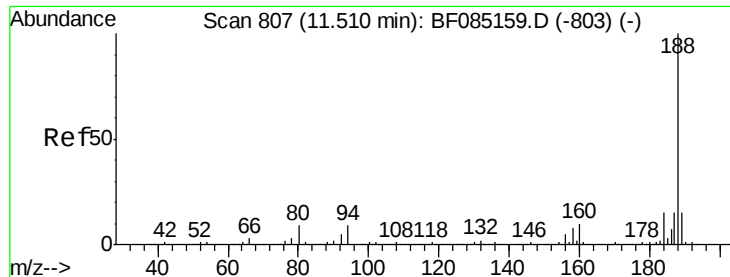
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

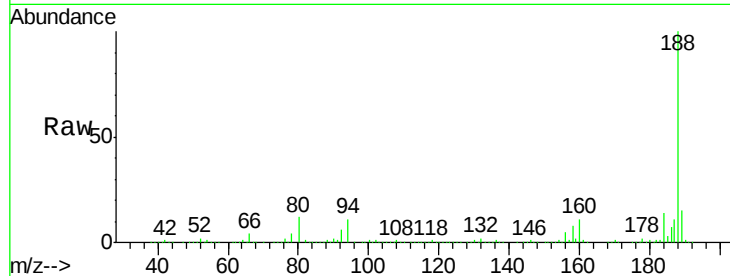




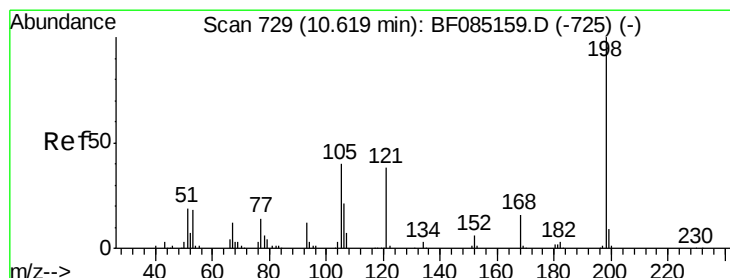
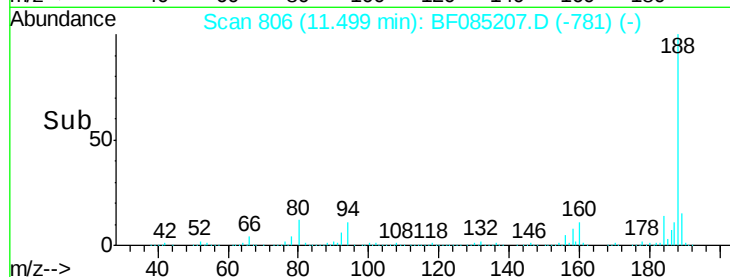
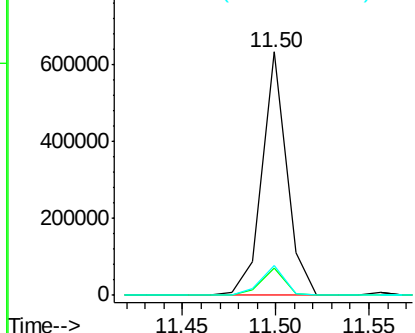
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF085207.D
Acq: 4 Mar 2016 17:22

Instrument :
BNA_F
ClientSampleId :
PB88703BS

Tgt Ion:188 Resp: 575827
Ion Ratio Lower Upper
188 100
94 11.1 7.0 10.6#
80 12.3 7.4 11.0#

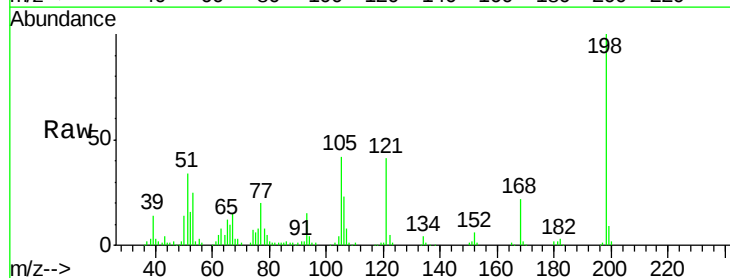


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

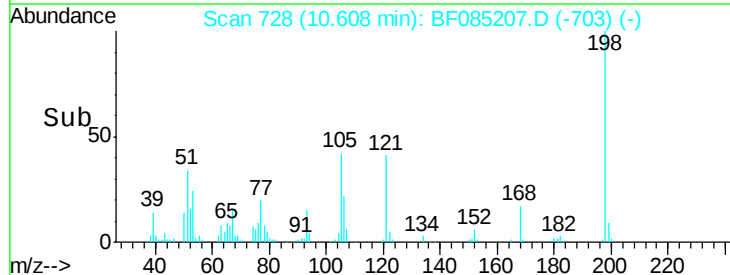
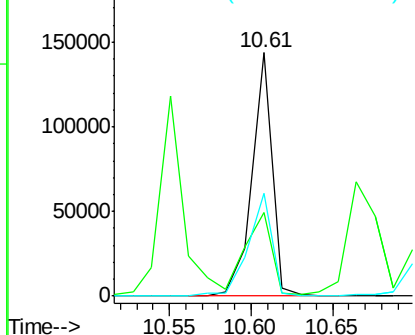


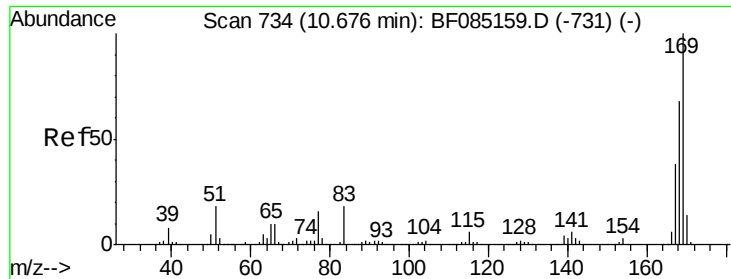
#64
4,6-Dinitro-2-methylphenol
Concen: 35.90 ng
RT: 10.61 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF085207.D
Acq: 4 Mar 2016 17:22

Tgt Ion:198 Resp: 123761
Ion Ratio Lower Upper
198 100
51 34.1 9.5 49.5
105 42.0 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

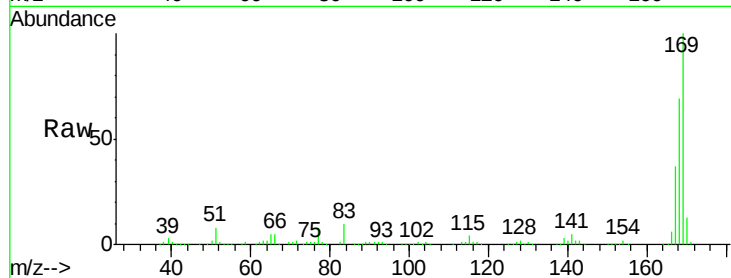




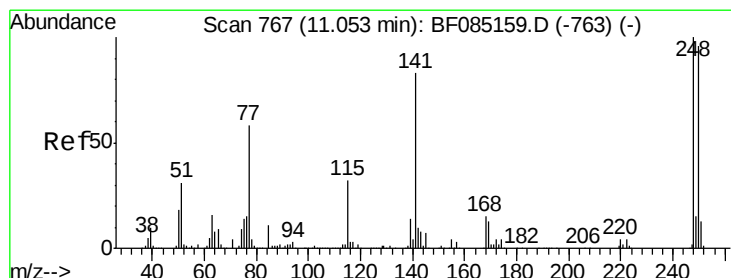
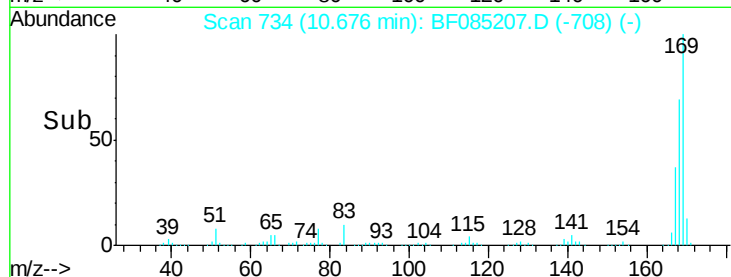
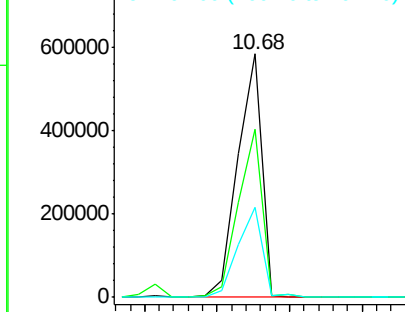
#65
n-Nitrosodiphenylamine
Concen: 37.51 ng
RT: 10.68 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF085207.D
Acq: 4 Mar 2016 17:22

Instrument :
BNA_F
ClientSampleId :
PB88703BS

Tgt Ion:169 Resp: 671749
Ion Ratio Lower Upper
169 100
168 68.8 54.8 82.2
167 37.2 30.3 45.5

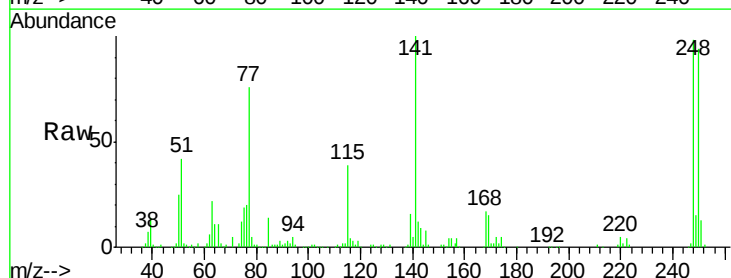


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

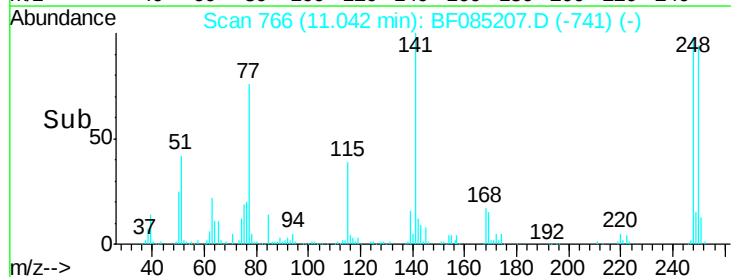
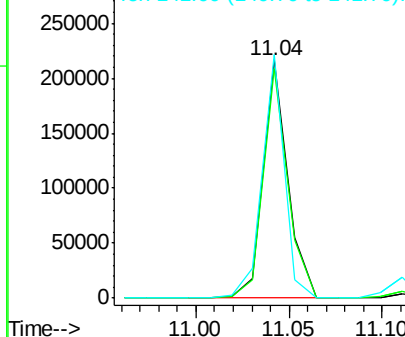


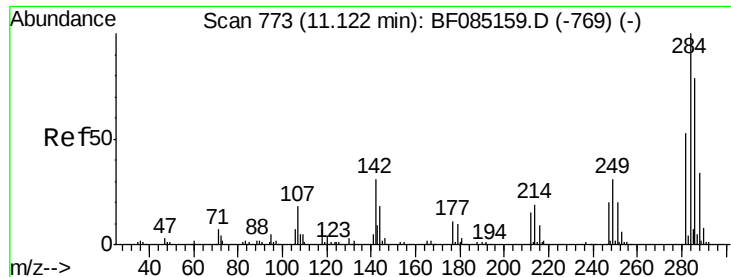
#66
4-Bromophenyl-phenylether
Concen: 35.63 ng
RT: 11.04 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF085207.D
Acq: 4 Mar 2016 17:22

Tgt Ion:248 Resp: 199225
Ion Ratio Lower Upper
248 100
250 96.4 77.1 115.7
141 102.3 66.2 99.2#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 34.99 ng

RT: 11.11 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF085207.D

Acq: 4 Mar 2016 17:22

Instrument :

BNA_F

ClientSampleId :

PB88703BS

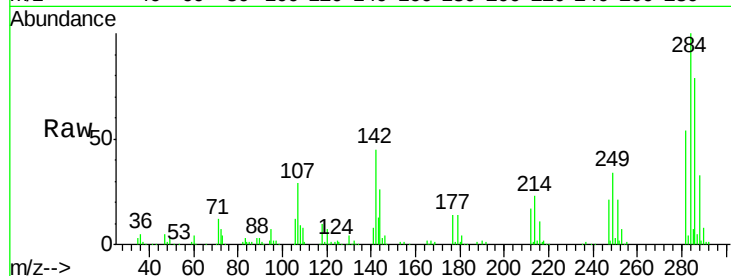
Tgt Ion:284 Resp: 208725

Ion Ratio Lower Upper

284 100

142 45.1 24.9 37.3#

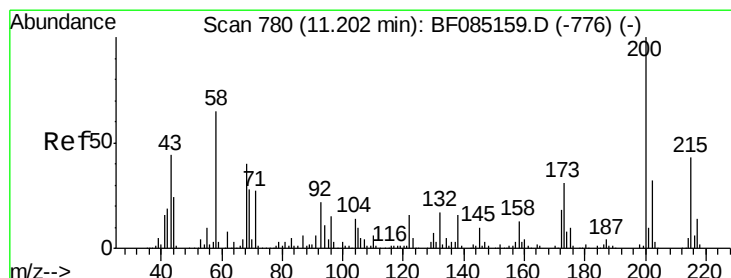
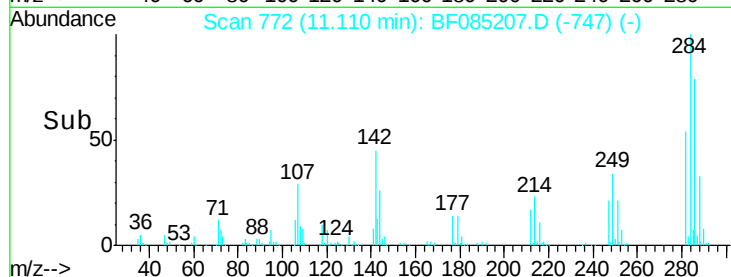
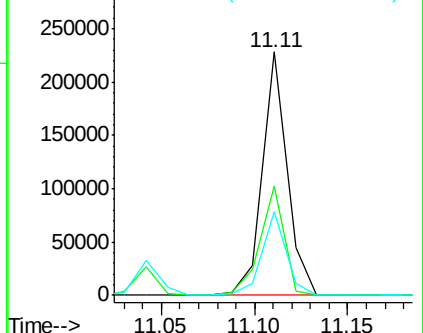
249 34.2 25.0 37.4



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: 44.10 ng

RT: 11.20 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF085207.D

Acq: 4 Mar 2016 17:22

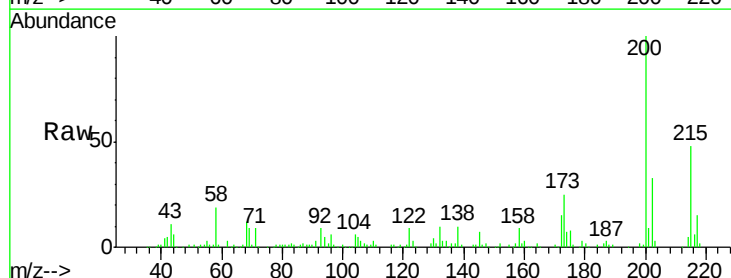
Tgt Ion:200 Resp: 219647

Ion Ratio Lower Upper

200 100

173 25.1 10.5 50.5

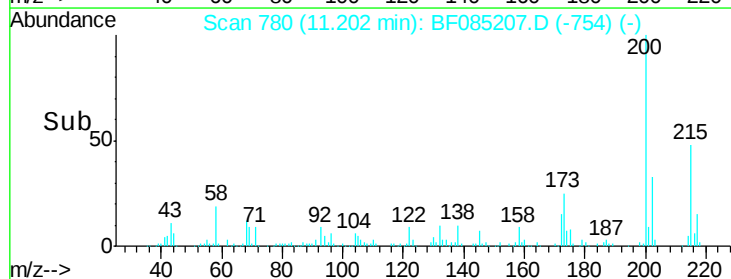
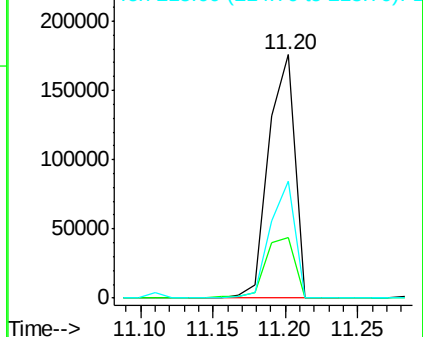
215 47.9 23.4 63.4



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

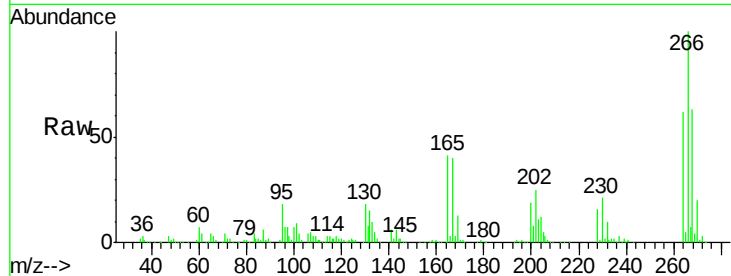




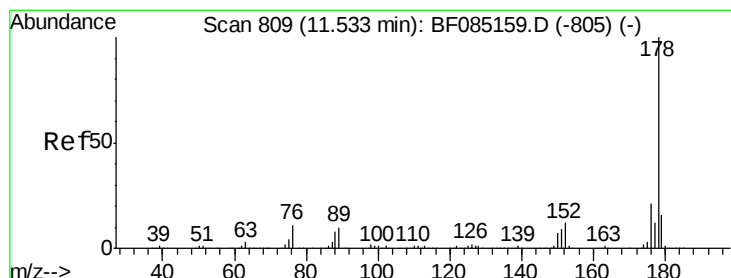
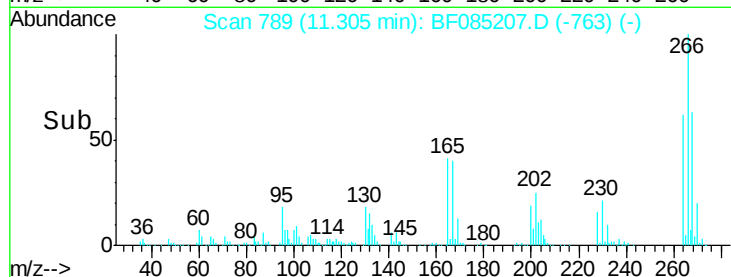
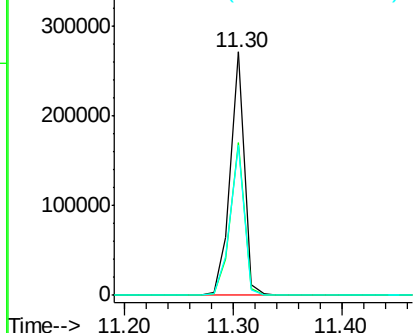
#69
 Pentachlorophenol
 Concen: 73.37 ng
 RT: 11.30 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF085207.D
 Acq: 4 Mar 2016 17:22

Instrument :
 BNA_F
 ClientSampleId :
 PB88703BS

Tgt Ion: 266 Resp: 242927
 Ion Ratio Lower Upper
 266 100
 268 62.6 50.0 75.0
 264 61.6 51.4 77.2

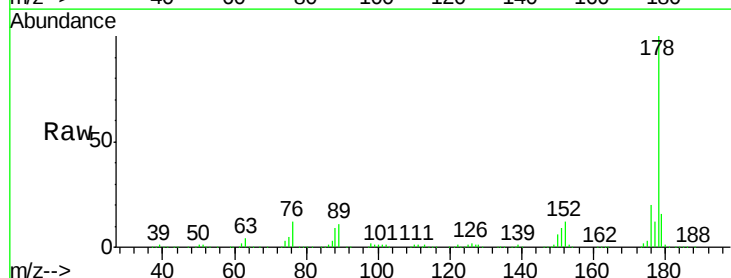


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

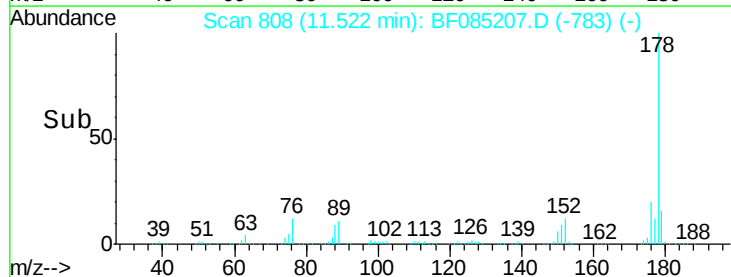
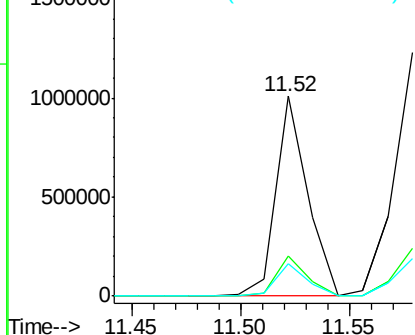


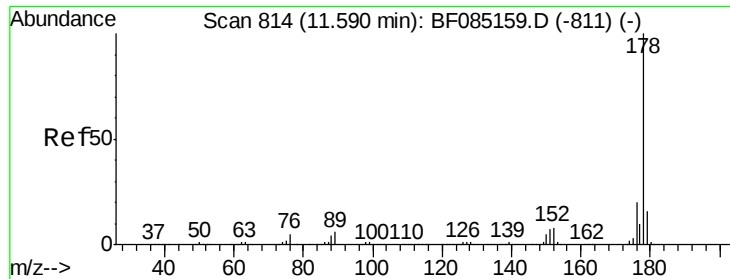
#70
 Phenanthrene
 Concen: 34.12 ng
 RT: 11.52 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF085207.D
 Acq: 4 Mar 2016 17:22

Tgt Ion: 178 Resp: 1029683
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.8 25.2
 179 16.2 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

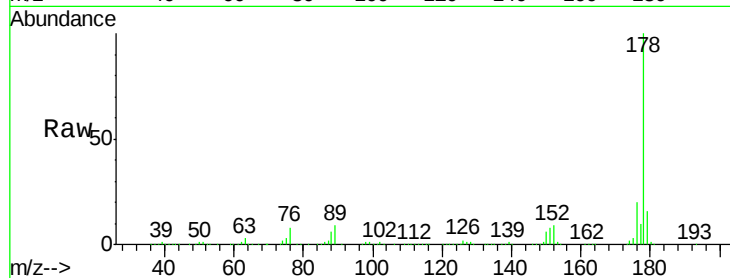




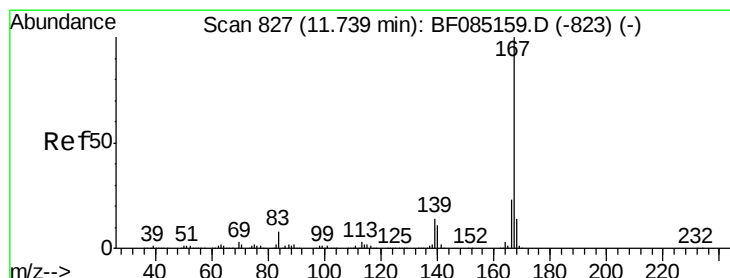
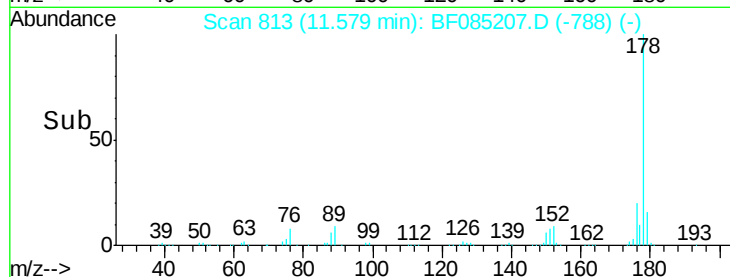
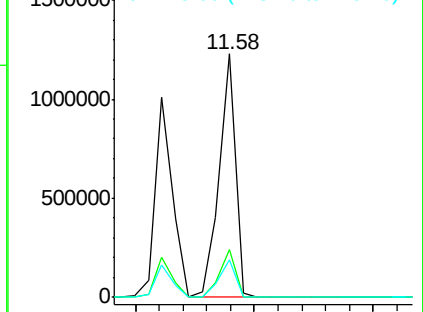
#71
 Anthracene
 Concen: 36.03 ng
 RT: 11.58 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF085207.D
 Acq: 4 Mar 2016 17:22

Instrument :
 BNA_F
 ClientSampleId :
 PB88703BS

Tgt Ion:178 Resp: 1154218
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.9 23.9
 179 15.7 12.5 18.7

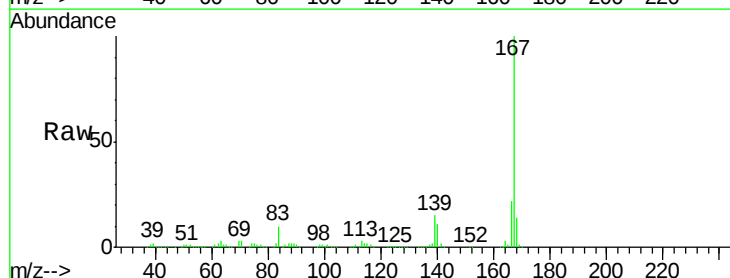


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

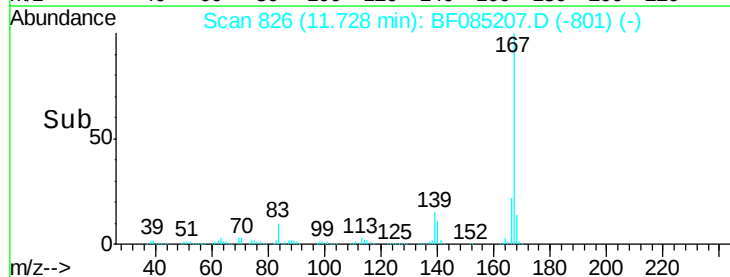
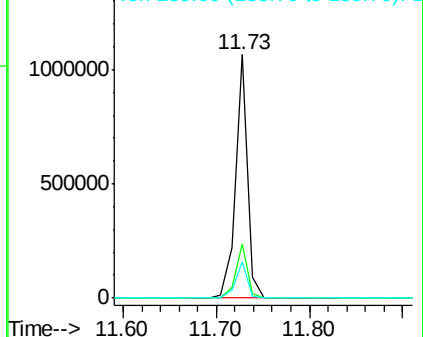


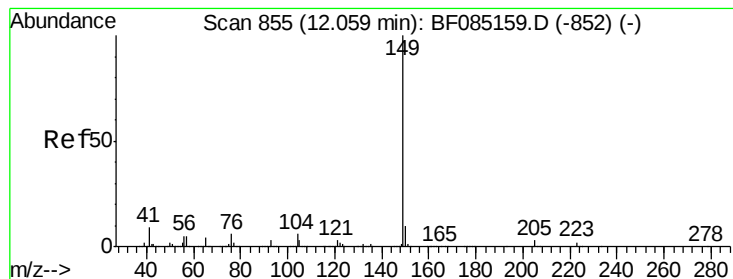
#72
 Carbazole
 Concen: 34.13 ng
 RT: 11.73 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BF085207.D
 Acq: 4 Mar 2016 17:22

Tgt Ion:167 Resp: 958868
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.2 27.2
 139 14.7 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: 35.91 ng

RT: 12.06 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF085207.D

Acq: 4 Mar 2016 17:22

Instrument :

BNA_F

ClientSampleId :

PB88703BS

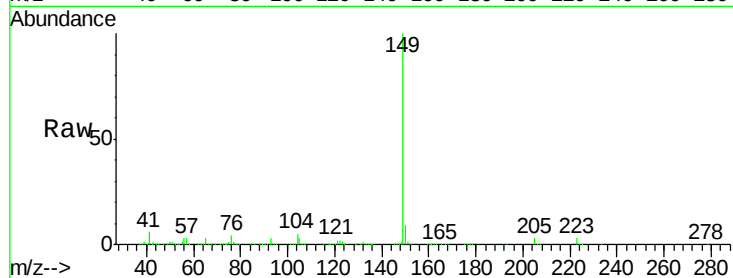
Tgt Ion:149 Resp: 1275023

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

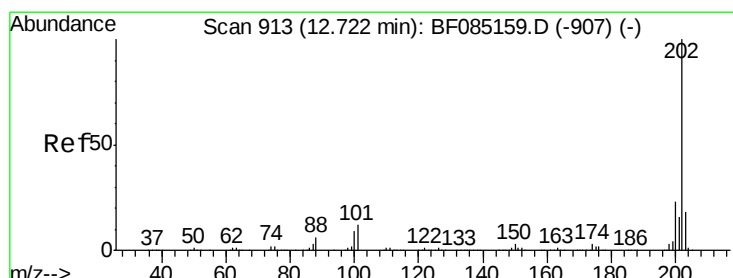
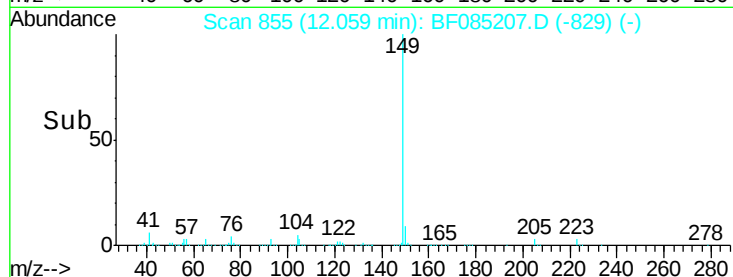
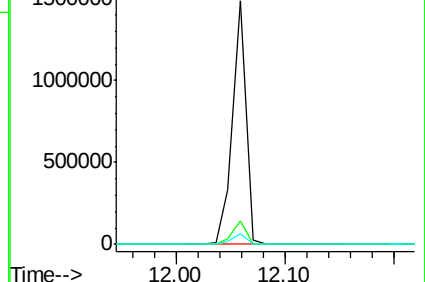
104 4.6 4.7 7.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 33.19 ng

RT: 12.71 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF085207.D

Acq: 4 Mar 2016 17:22

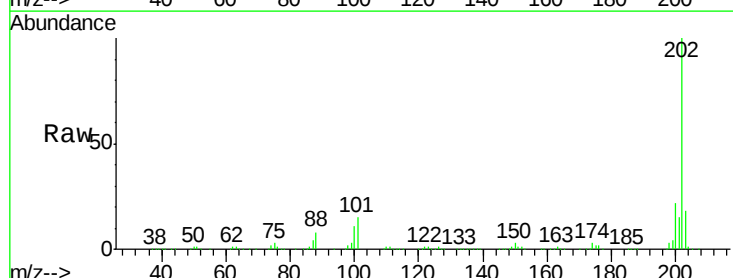
Tgt Ion:202 Resp: 1005284

Ion Ratio Lower Upper

202 100

101 14.7 0.0 31.8

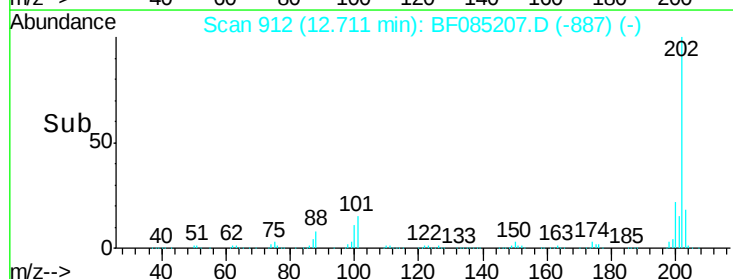
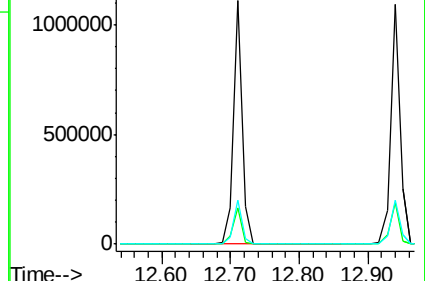
203 18.2 0.0 38.4

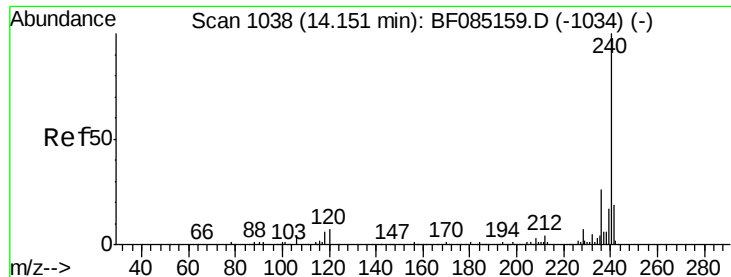


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.14 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF085207.D

Acq: 4 Mar 2016 17:22

Instrument :

BNA_F

ClientSampleId :

PB88703BS

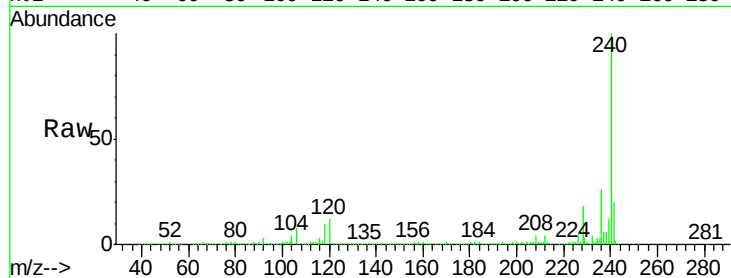
Tgt Ion:240 Resp: 445134

Ion Ratio Lower Upper

240 100

120 11.8 5.3 7.9#

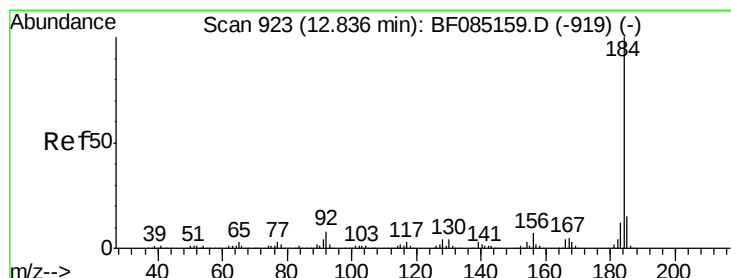
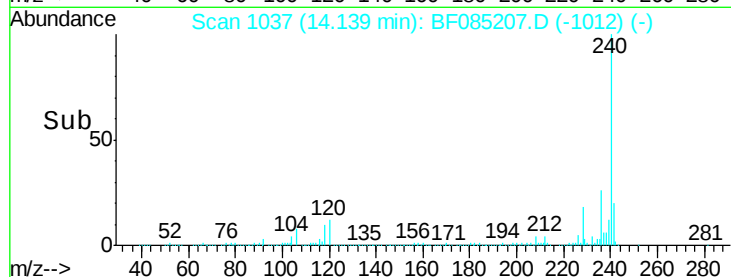
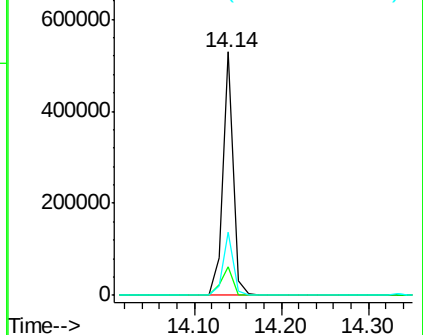
236 26.2 20.7 31.1



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: 26.00 ng

RT: 12.82 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF085207.D

Acq: 4 Mar 2016 17:22

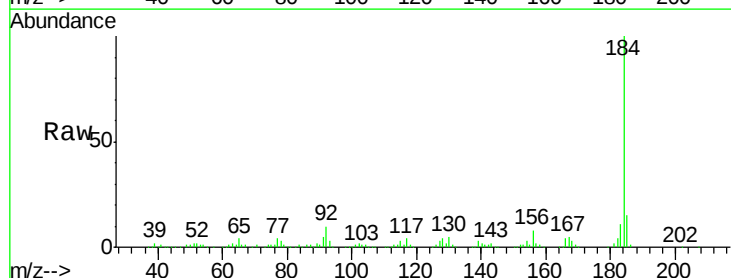
Tgt Ion:184 Resp: 344410

Ion Ratio Lower Upper

184 100

185 14.5 12.4 18.6

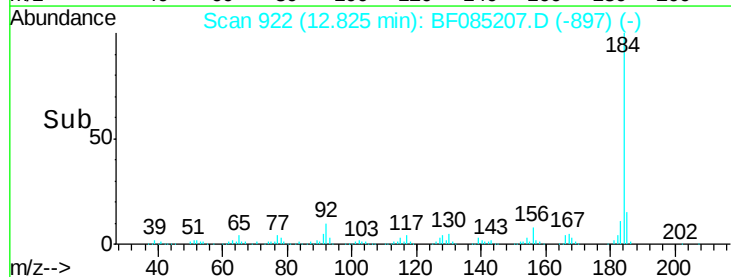
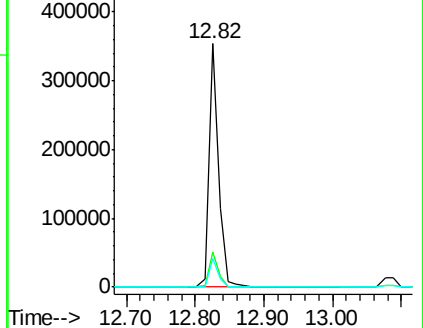
183 11.5 9.4 14.2

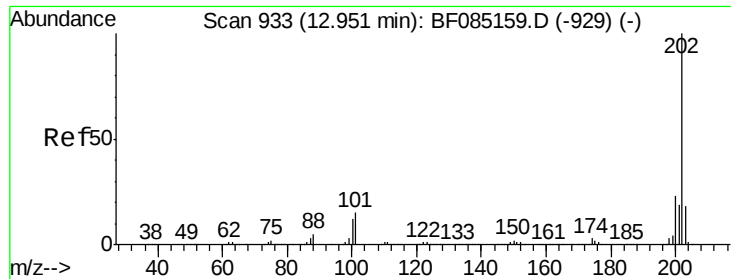


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

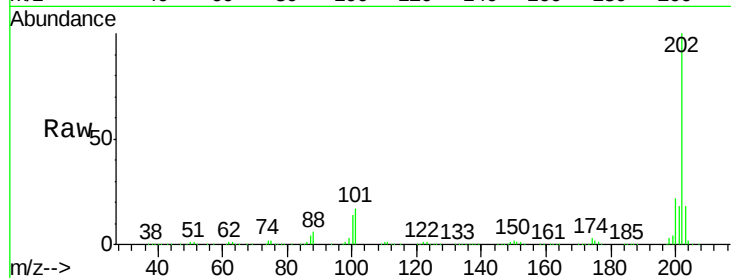




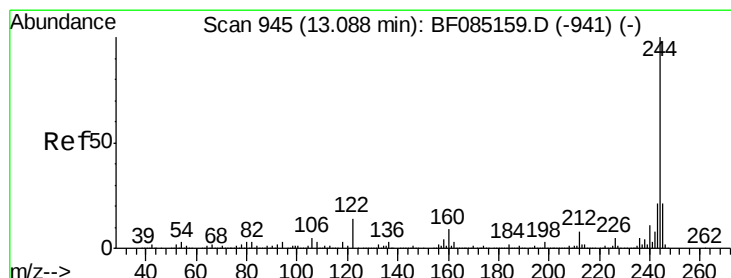
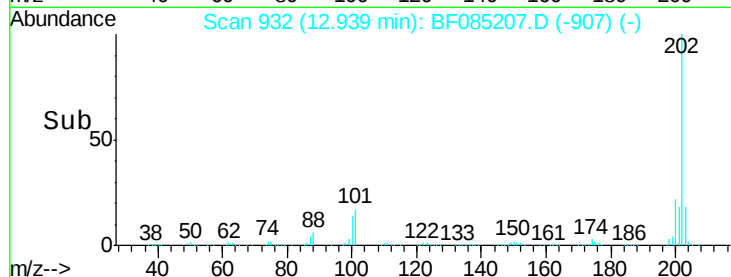
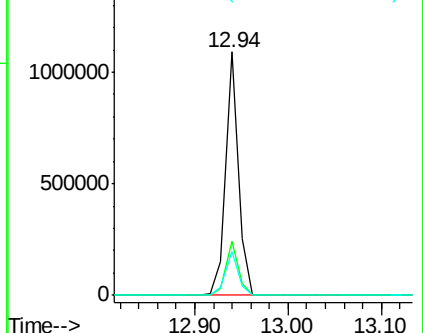
#77
 Pyrene
 Concen: 30.95 ng
 RT: 12.94 min Scan# 932
 Delta R.T. -0.01 min
 Lab File: BF085207.D
 Acq: 4 Mar 2016 17:22

Instrument :
 BNA_F
 ClientSampleId :
 PB88703BS

Tgt Ion:202 Resp: 1036807
 Ion Ratio Lower Upper
 202 100
 200 22.2 18.2 27.4
 203 18.1 14.7 22.1

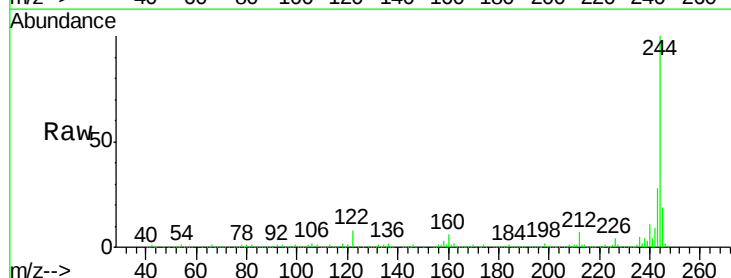


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

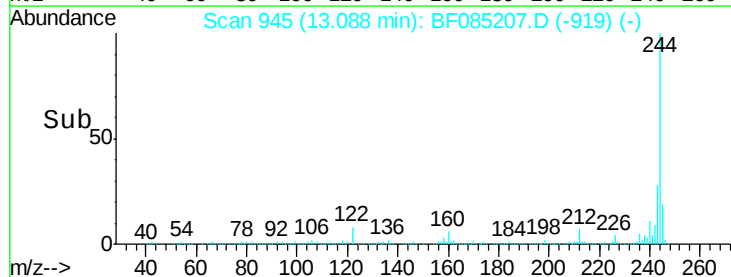
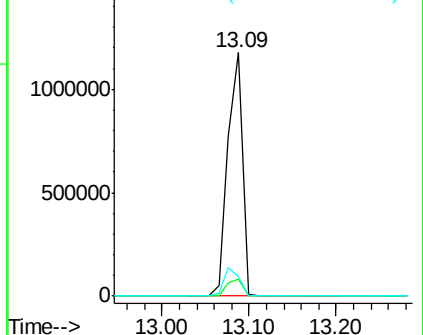


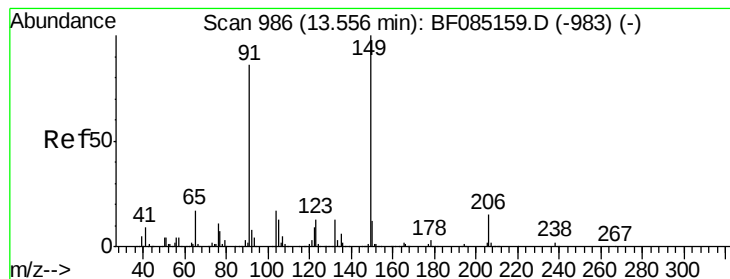
#78
 Terphenyl-d14
 Concen: 72.17 ng
 RT: 13.09 min Scan# 945
 Delta R.T. 0.00 min
 Lab File: BF085207.D
 Acq: 4 Mar 2016 17:22

Tgt Ion:244 Resp: 1383938
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.4 9.6
 122 7.9 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: 34.88 ng

RT: 13.56 min Scan# 986

Delta R.T. 0.00 min

Lab File: BF085207.D

Acq: 4 Mar 2016 17:22

Instrument :

BNA_F

ClientSampleId :

PB88703BS

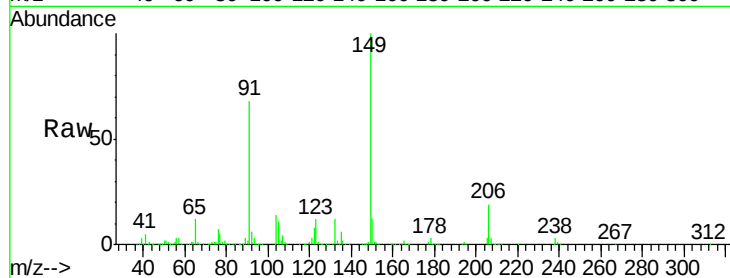
Tgt Ion:149 Resp: 530281

Ion Ratio Lower Upper

149 100

91 67.5 69.0 103.4#

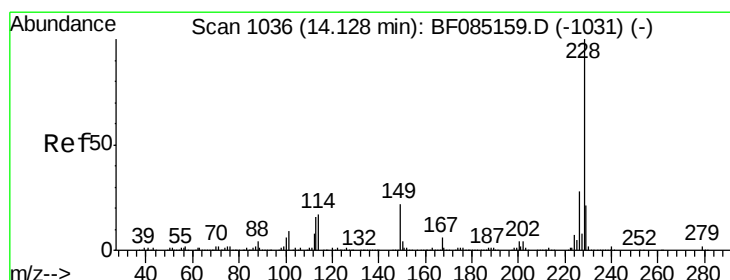
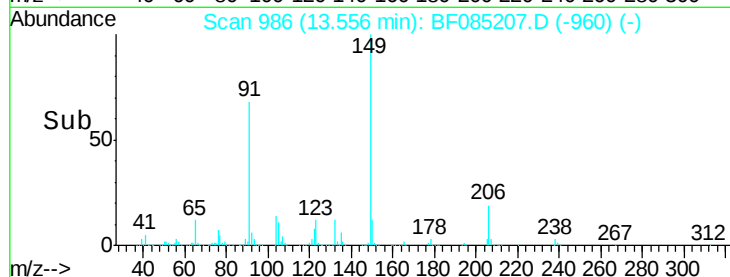
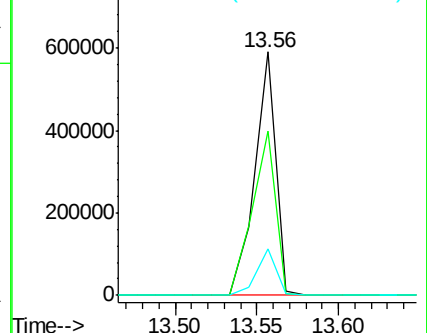
206 19.3 12.3 18.5#



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: 33.92 ng

RT: 14.13 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF085207.D

Acq: 4 Mar 2016 17:22

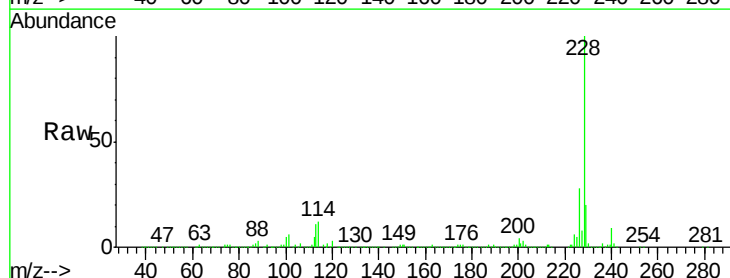
Tgt Ion:228 Resp: 903956

Ion Ratio Lower Upper

228 100

226 28.5 22.8 34.2

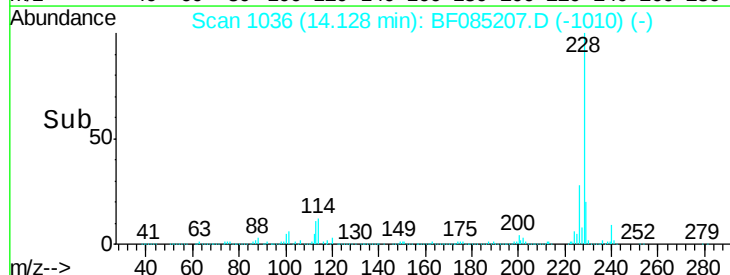
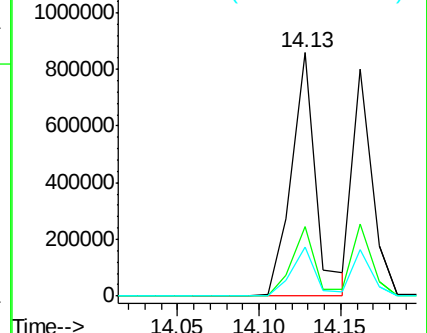
229 20.0 16.6 24.8

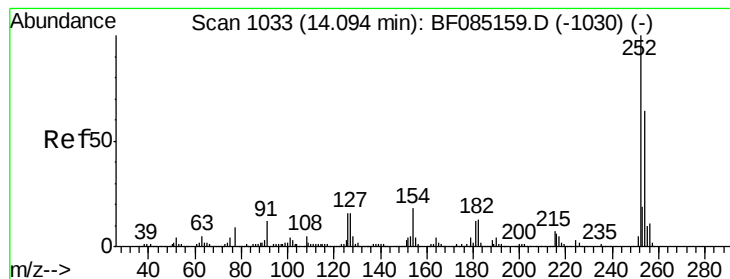


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

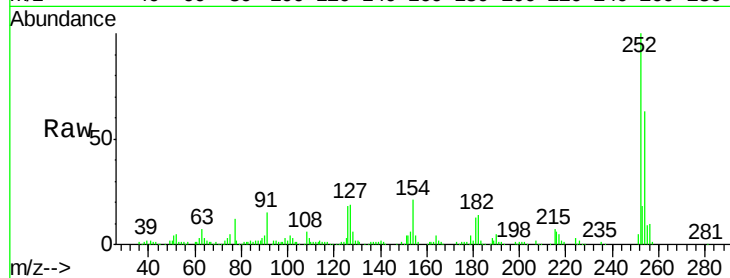




#81
 3,3'-Dichlorobenzidine
 Concen: 14.54 ng
 RT: 14.08 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF085207.D
 Acq: 4 Mar 2016 17:22

Instrument :
 BNA_F
 ClientSampleId :
 PB88703BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.9	51.4	77.0
126	18.0	12.9	19.3

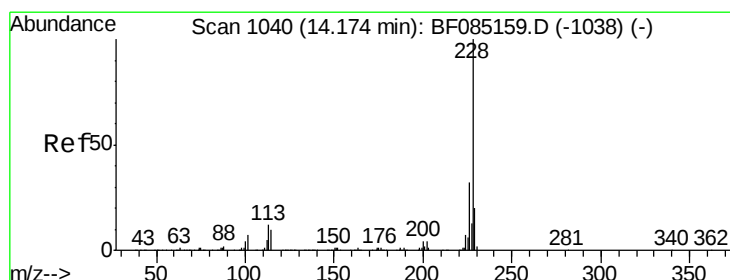
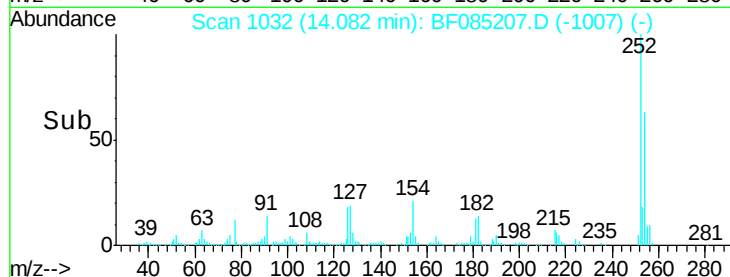
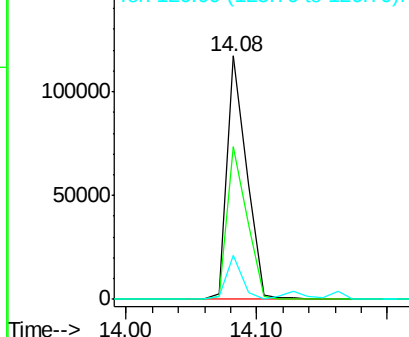


Abundance

Ion 252.00 (251.70 to 252.70): E

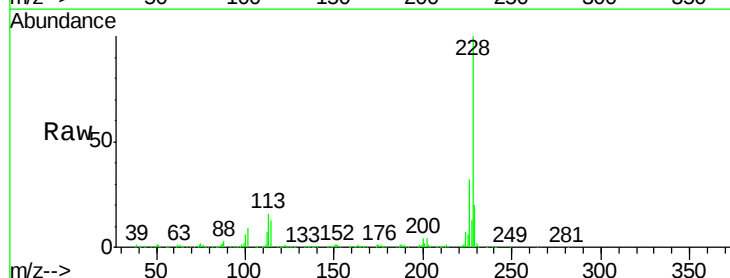
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 27.72 ng
 RT: 14.16 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF085207.D
 Acq: 4 Mar 2016 17:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.2	37.8
229	20.2	16.0	24.0

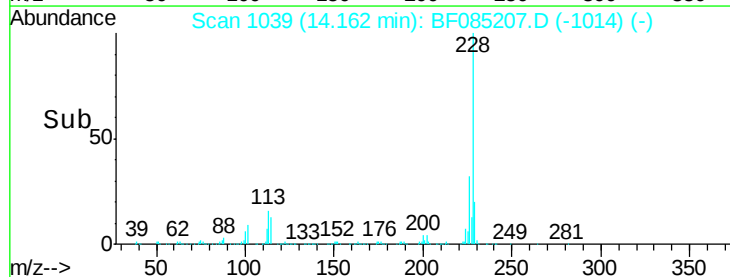
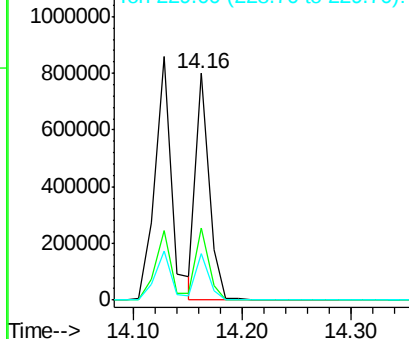


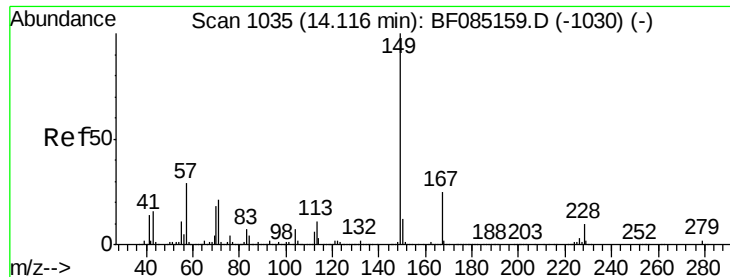
Abundance

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: 33.78 ng

RT: 14.12 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF085207.D

Acq: 4 Mar 2016 17:22

Instrument :

BNA_F

ClientSampleId :

PB88703BS

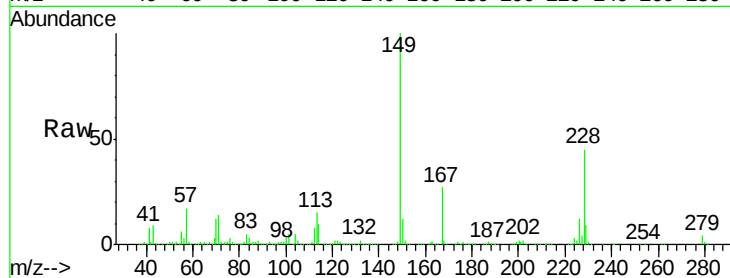
Tgt Ion:149 Resp: 675825

Ion Ratio Lower Upper

149 100

167 27.2 20.3 30.5

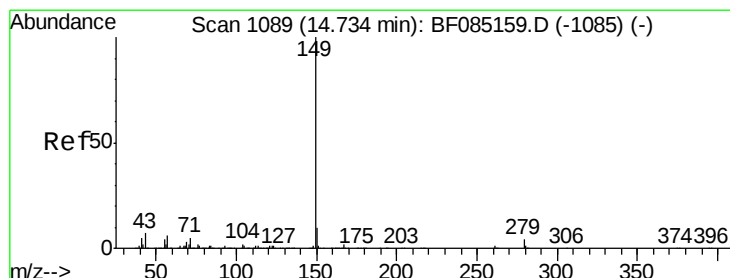
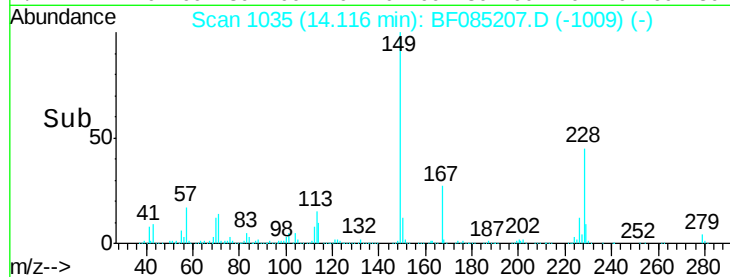
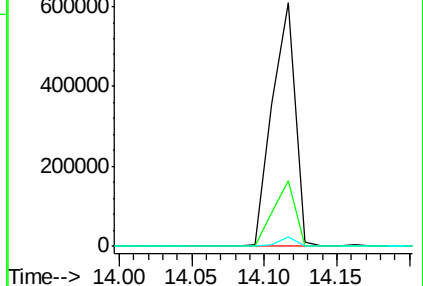
279 4.1 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 32.19 ng

RT: 14.72 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BF085207.D

Acq: 4 Mar 2016 17:22

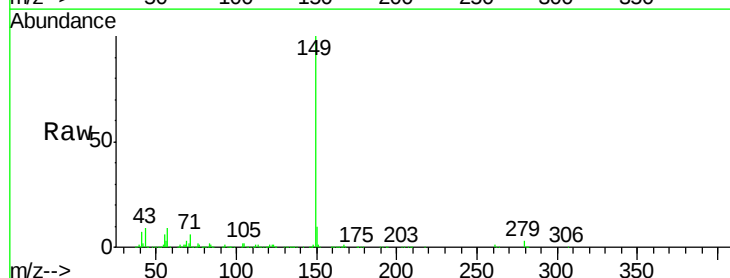
Tgt Ion:149 Resp: 980801

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

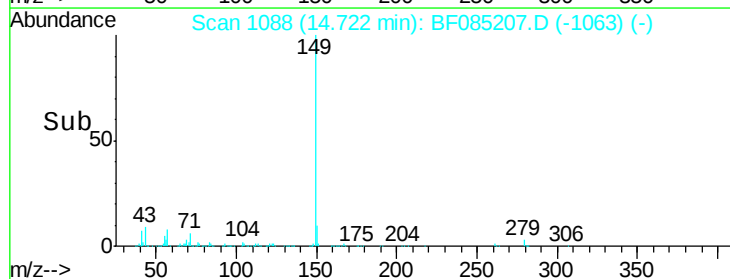
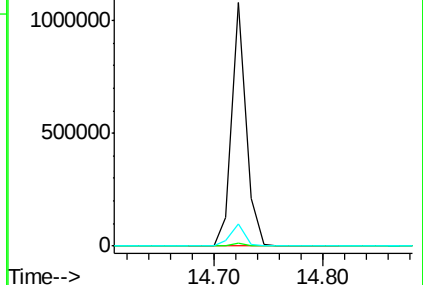
43 9.2 7.8 11.8

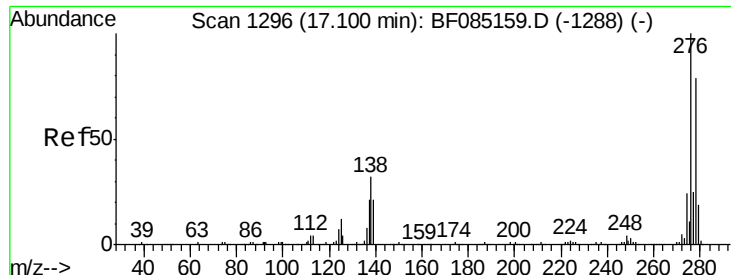


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

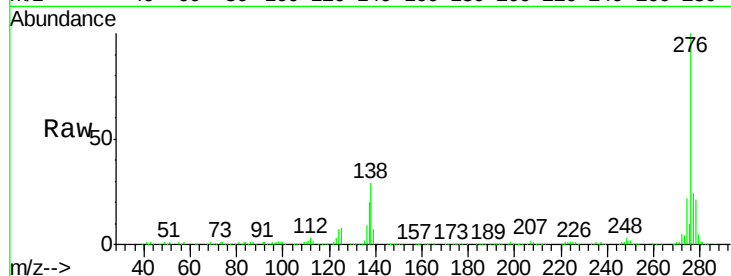




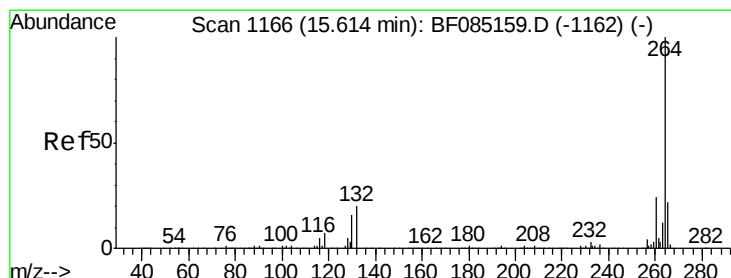
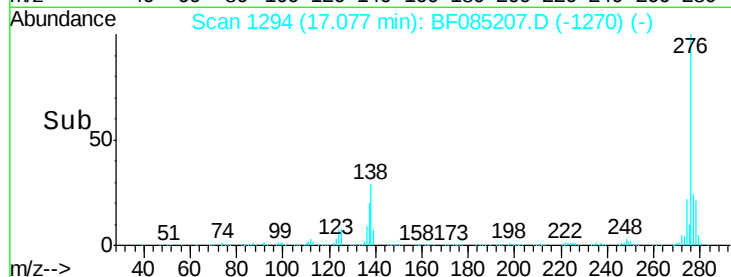
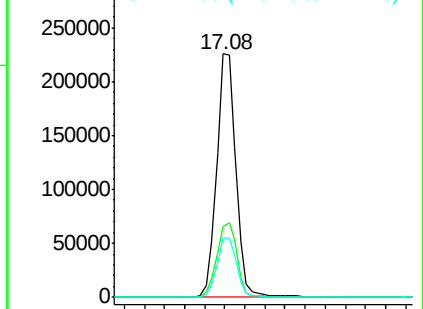
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 31.37 ng
 RT: 17.08 min Scan# 1294
 Delta R.T. -0.02 min
 Lab File: BF085207.D
 Acq: 4 Mar 2016 17:22

Instrument :
 BNA_F
 ClientSampleId :
 PB88703BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.6	26.4	39.6
277	25.4	20.2	30.2

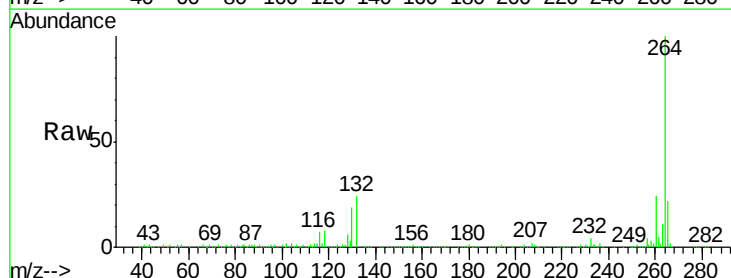


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

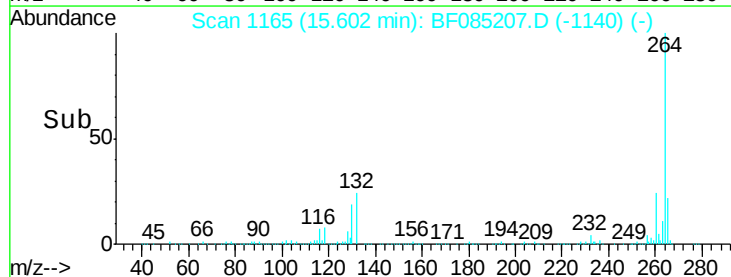
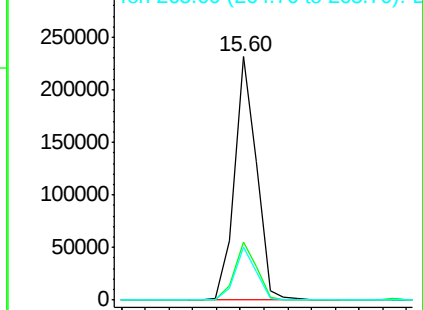


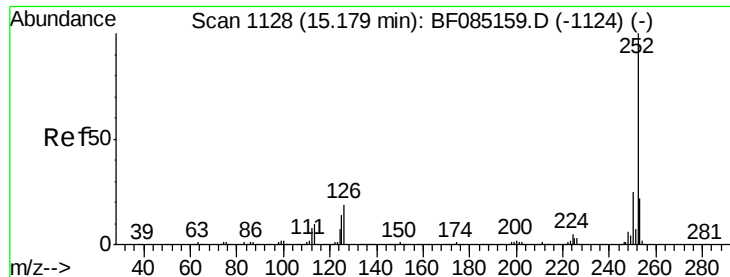
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.60 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF085207.D
 Acq: 4 Mar 2016 17:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.5	17.3	25.9



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 35.75 ng

RT: 15.18 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF085207.D

Acq: 4 Mar 2016 17:22

Instrument :

BNA_F

ClientSampleId :

PB88703BS

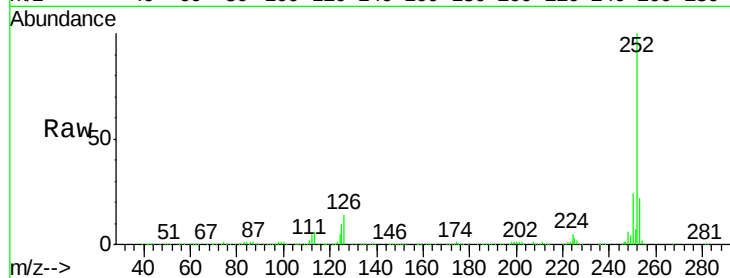
Tgt Ion:252 Resp: 714859

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

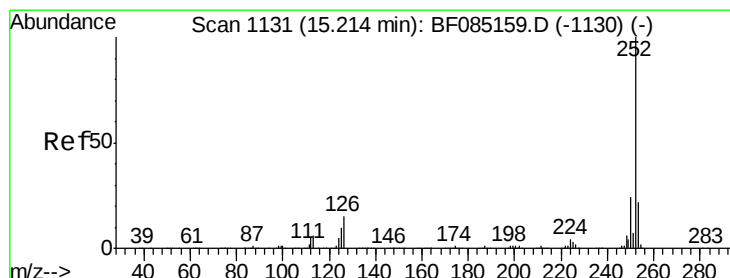
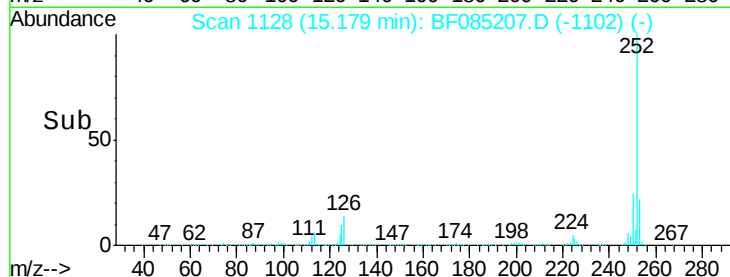
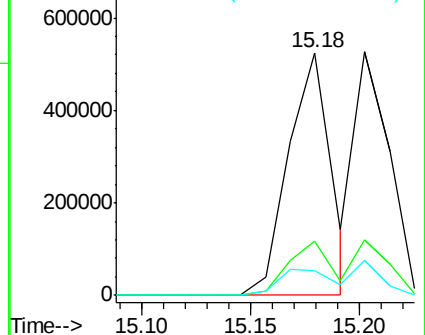
125 10.4 11.3 16.9#



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: 44.32 ng

RT: 15.18 min Scan# 1128

Delta R.T. -0.03 min

Lab File: BF085207.D

Acq: 4 Mar 2016 17:22

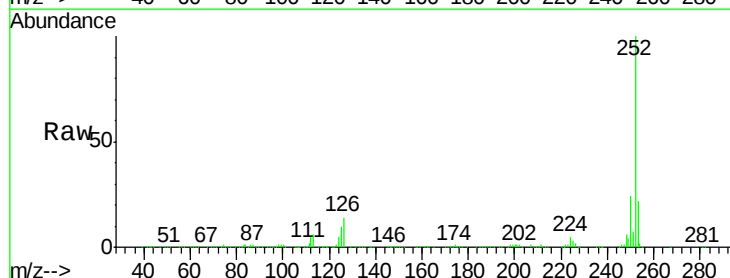
Tgt Ion:252 Resp: 714859

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

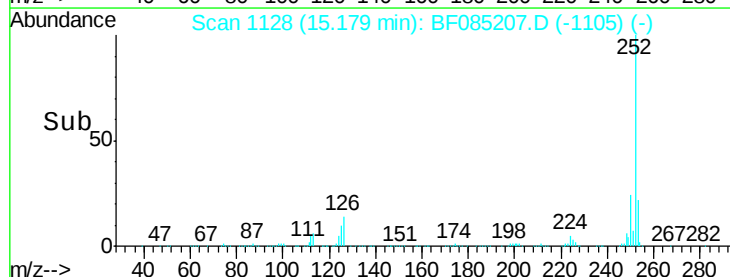
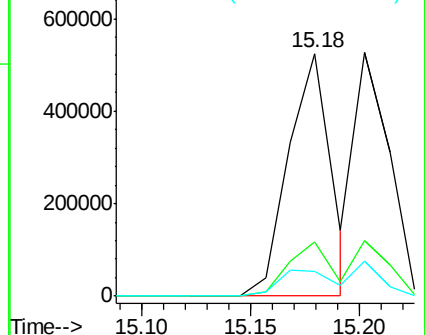
125 10.4 10.4 15.6

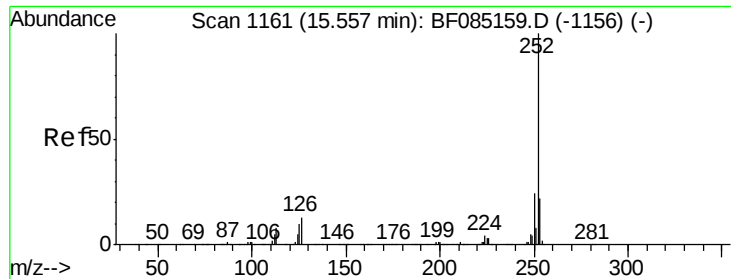


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 36.06 ng

RT: 15.55 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF085207.D

Acq: 4 Mar 2016 17:22

Instrument :

BNA_F

ClientSampleId :

PB88703BS

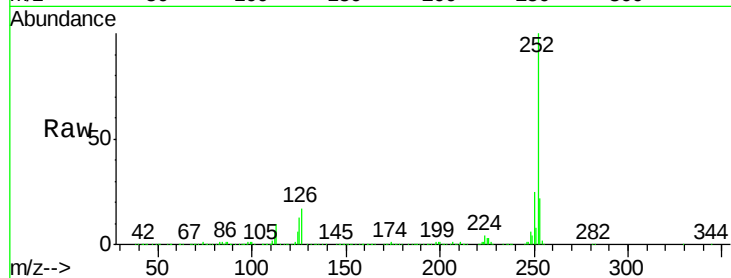
Tgt Ion:252 Resp: 597634

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

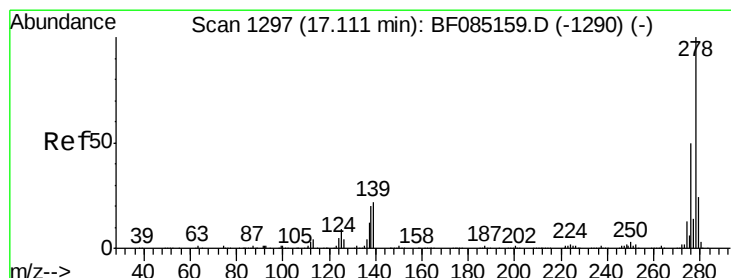
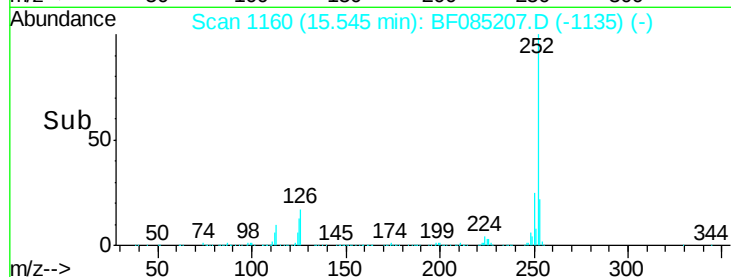
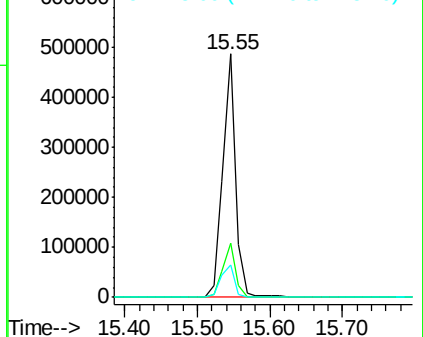
125 13.1 8.2 12.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 35.69 ng

RT: 17.10 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF085207.D

Acq: 4 Mar 2016 17:22

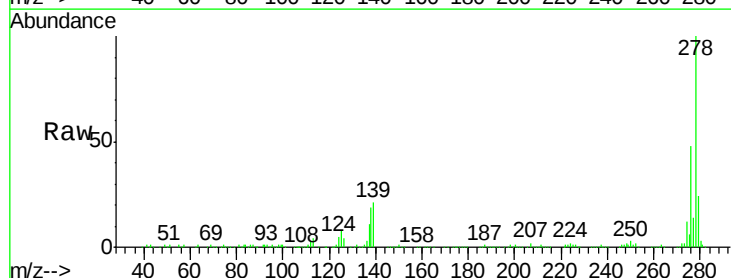
Tgt Ion:278 Resp: 504870

Ion Ratio Lower Upper

278 100

139 20.8 17.3 25.9

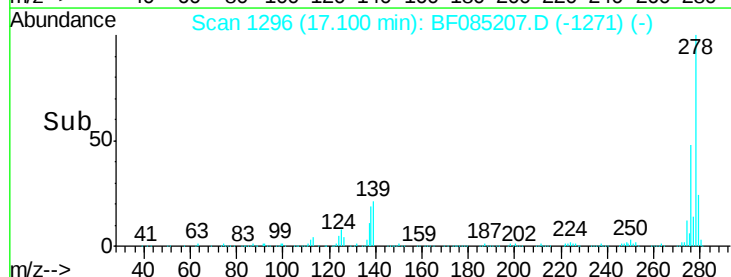
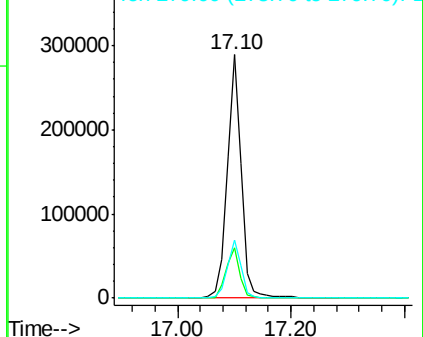
279 24.0 19.2 28.8

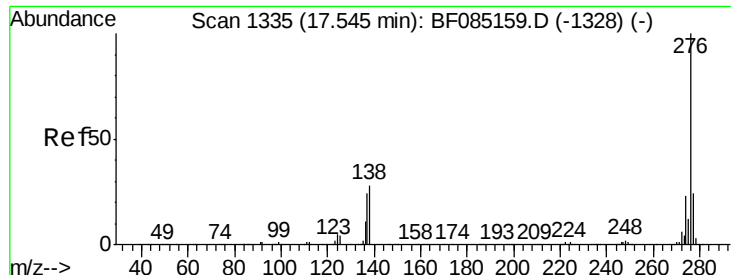


Abundance Ion 278.00 (277.70 to 278.70): E

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: 35.50 ng

RT: 17.53 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF085207.D

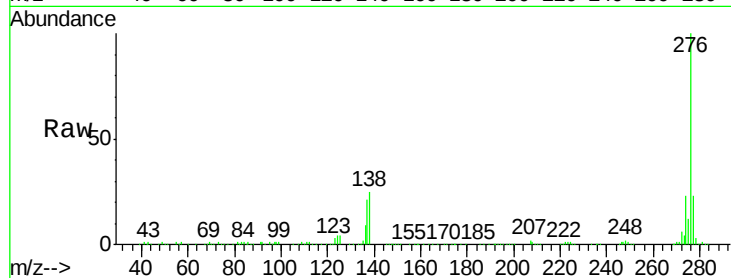
Acq: 4 Mar 2016 17:22

Instrument :

BNA_F

ClientSampleId :

PB88703BS



Tgt Ion:	276	Resp:	504885
Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.0	28.4
138	25.1	22.5	33.7

