

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
 Data File : BF085204.D
 Acq On : 4 Mar 2016 15:58
 Operator : SJ/IZ
 Sample : PB88682BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88682BS

Quant Time: Mar 04 21:55:35 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	158959	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	633985	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	289179	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	535795	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	408226	20.00	ng	-0.01
86) Perylene-d12	15.60	264	267980	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	845613	89.23	ng	0.01
7) Phenol-d6	6.60	99	991920	79.89	ng	-0.01
23) Nitrobenzene-d5	7.53	82	953953	80.52	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	214197	86.57	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	1657289	87.16	ng	-0.01
78) Terphenyl-d14	13.09	244	1521656	86.53	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.77	88	162608	33.55	ng	98
3) Pyridine	3.52	79	496356	40.92	ng	99
4) n-Nitrosodimethylamine	3.48	42	195872	37.73	ng	92
6) Aniline	6.63	93	277694	15.96	ng	99
8) 2-Chlorophenol	6.76	128	457639	40.11	ng	98
9) Benzaldehyde	6.52	77	163126	25.18	ng	99
10) Phenol	6.61	94	518075	38.96	ng	98
11) bis(2-Chloroethyl)ether	6.71	93	455248	41.22	ng	94
12) 1,3-Dichlorobenzene	6.92	146	499905	40.81	ng	99
13) 1,4-Dichlorobenzene	6.92	146	499905	40.72	ng	95
14) 1,2-Dichlorobenzene	7.14	146	459626	41.27	ng	100
15) Benzyl Alcohol	7.11	79	396308	43.48	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.25	45	594814	37.36	ng	100
17) 2-Methylphenol	7.22	107	412171	44.28	ng	98
18) Hexachloroethane	7.49	117	182314	40.26	ng	96
19) n-Nitroso-di-n-propylamine	7.38	70	304008	37.57	ng	# 89
20) 3+4-Methylphenols	7.37	107	449941	40.80	ng	96
22) Acetophenone	7.38	105	615276	39.76	ng	# 97
24) Nitrobenzene	7.56	77	519954	43.20	ng	97
25) Isophorone	7.80	82	910846	41.49	ng	98
26) 2-Nitrophenol	7.88	139	261584	44.66	ng	# 92
27) 2,4-Dimethylphenol	7.91	122	484109	45.23	ng	98
28) bis(2-Chloroethoxy)methane	8.00	93	525194	42.95	ng	100
29) 2,4-Dichlorophenol	8.12	162	393957	45.64	ng	97
30) 1,2,4-Trichlorobenzene	8.20	180	384969	41.25	ng	100
31) Naphthalene	8.28	128	1301166	41.74	ng	99
32) Benzoic acid	8.01	122	208483	29.33	ng	98
33) 4-Chloroaniline	8.32	127	107402	8.52	ng	96
34) Hexachlorobutadiene	8.40	225	213515	43.97	ng	99
35) Caprolactam	8.70	113	94561	33.54	ng	90
36) 4-Chloro-3-methylphenol	8.80	107	424393	43.34	ng	96
37) 2-Methylnaphthalene	8.97	142	900728	45.02	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	347632	42.03	ng	99
40) Hexachlorocyclopentadiene	9.13	237	397473	89.11	ng	99

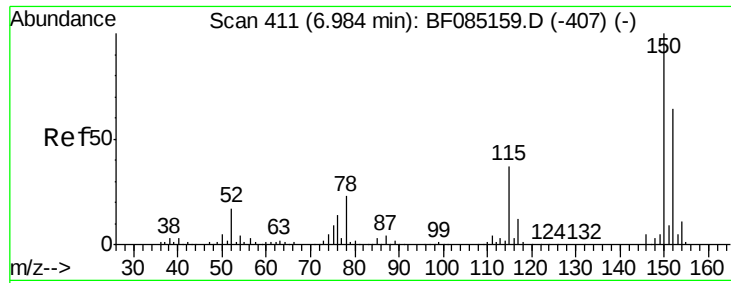
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	273658	44.45	ng	98
43) 2,4,5-Trichlorophenol	9.29	196	269942	46.25	ng #	90
45) 1,1'-Biphenyl	9.44	154	1049019	42.46	ng	93
46) 2-Chloronaphthalene	9.46	162	821977	43.65	ng	96
47) 2-Nitroaniline	9.56	65	272226	46.65	ng #	79
48) Acenaphthylene	9.88	152	1212080	41.35	ng	98
49) Dimethylphthalate	9.74	163	981777	44.23	ng	100
50) 2,6-Dinitrotoluene	9.80	165	199072	41.92	ng	92
51) Acenaphthene	10.05	154	795108	44.68	ng	99
52) 3-Nitroaniline	9.96	138	89663	15.78	ng #	71
53) 2,4-Dinitrophenol	10.07	184	167038	70.39	ng #	53
54) Dibenzofuran	10.22	168	1048755	44.98	ng	99
55) 4-Nitrophenol	10.13	139	398312	89.22	ng	99
56) 2,4-Dinitrotoluene	10.21	165	275621	45.36	ng #	63
57) Fluorene	10.56	166	783761	42.79	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	184865	45.08	ng	99
59) Diethylphthalate	10.44	149	940947	43.69	ng	98
60) 4-Chlorophenyl-phenylether	10.55	204	384469	43.15	ng	89
61) 4-Nitroaniline	10.57	138	215365	40.53	ng	99
62) Azobenzene	10.71	77	983196	46.33	ng	95
64) 4,6-Dinitro-2-methylphenol	10.61	198	129595	40.40	ng #	72
65) n-Nitrosodiphenylamine	10.68	169	778795	46.73	ng	99
66) 4-Bromophenyl-phenylether	11.04	248	216914	41.69	ng #	82
67) Hexachlorobenzene	11.11	284	236864	42.68	ng #	76
68) Atrazine	11.20	200	269073	58.06	ng	94
69) Pentachlorophenol	11.30	266	261620	84.92	ng	100
70) Phenanthrene	11.52	178	1225211	43.63	ng	99
71) Anthracene	11.58	178	1280192	42.95	ng	99
72) Carbazole	11.73	167	1043634	39.93	ng	99
73) Di-n-butylphthalate	12.06	149	1434912	43.43	ng	99
74) Fluoranthene	12.71	202	1138882	40.42	ng	96
76) Benzidine	12.82	184	287677	23.68	ng	100
77) Pyrene	12.94	202	1151097	37.46	ng	99
79) Butylbenzylphthalate	13.56	149	578380	41.49	ng	87
80) Benzo(a)anthracene	14.13	228	946120	38.71	ng	99
81) 3,3'-Dichlorobenzidine	14.08	252	109735	14.23	ng #	97
82) Chrysene	14.16	228	774036	34.29	ng	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	739413	40.30	ng #	97
84) Di-n-octyl phthalate	14.72	149	1053619	37.71	ng	99
85) Indeno(1,2,3-cd)pyrene	17.09	276	714697	40.57	ng	99
87) Benzo(b)fluoranthene	15.18	252	750817	42.03	ng #	97
88) Benzo(k)fluoranthene	15.18	252	750817	52.11	ng	98
89) Benzo(a)pyrene	15.55	252	657866	44.45	ng #	97
90) Dibenzo(a,h)anthracene	17.10	278	603926	47.80	ng	100
91) Benzo(g,h,i)perylene	17.53	276	604767	47.60	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

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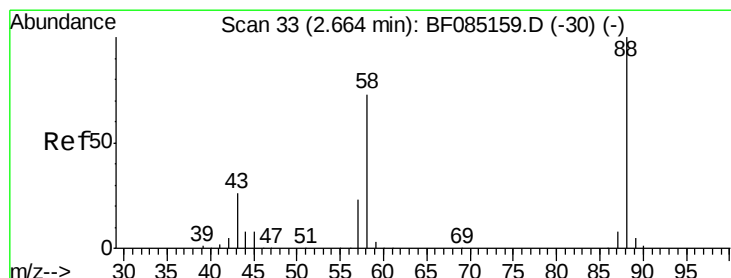
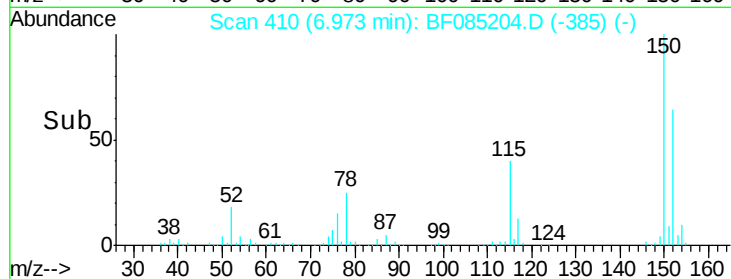
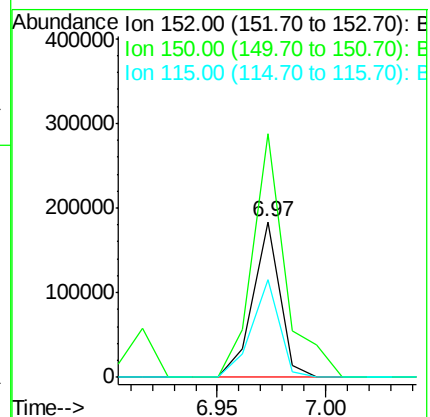
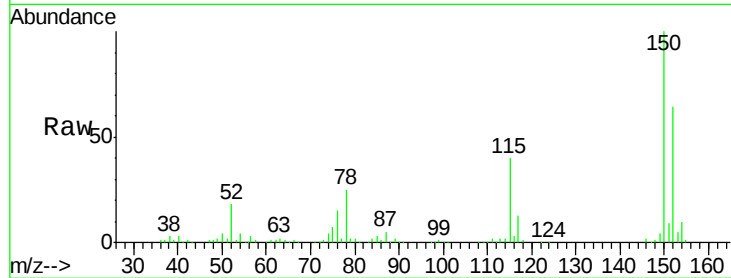
Tgt Ion:152 Resp: 158959

Ion Ratio Lower Upper

152 100

150 156.3 124.6 186.8

115 62.4 46.6 70.0



#2

1,4-Dioxane

Concen: 33.55 ng

RT: 2.77 min Scan# 42

Delta R.T. 0.10 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

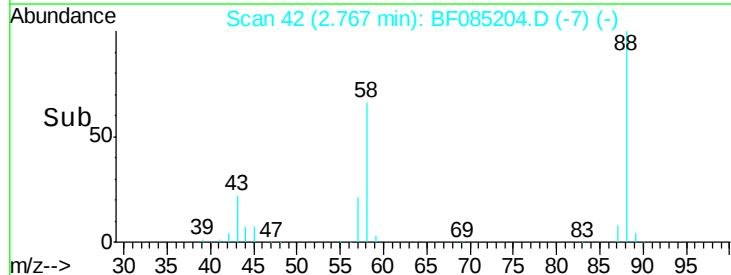
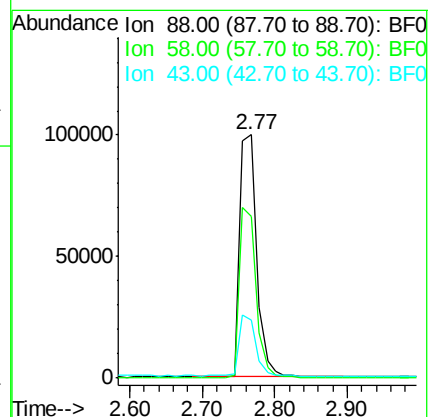
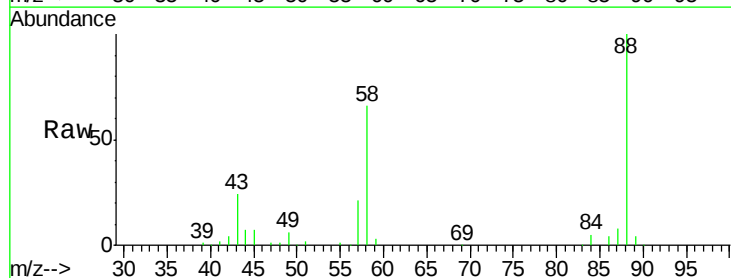
Tgt Ion: 88 Resp: 162608

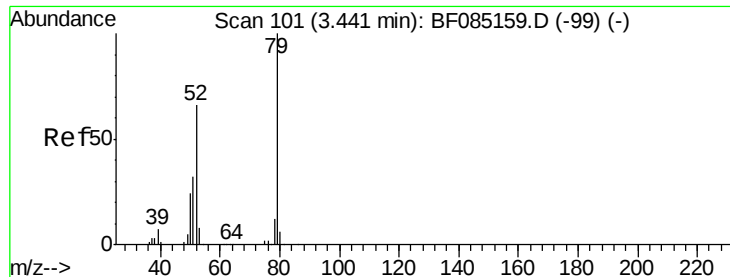
Ion Ratio Lower Upper

88 100

58 69.3 57.0 85.6

43 24.9 20.5 30.7





#3

Pyridine

Concen: 40.92 ng

RT: 3.52 min Scan# 108

Delta R.T. 0.08 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

Instrument :

BNA_F

ClientSampleId :

PB88682BS

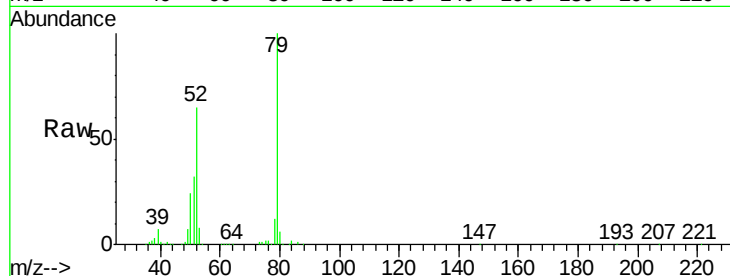
Tgt Ion: 79 Resp: 496356

Ion Ratio Lower Upper

79 100

52 65.0 52.6 79.0

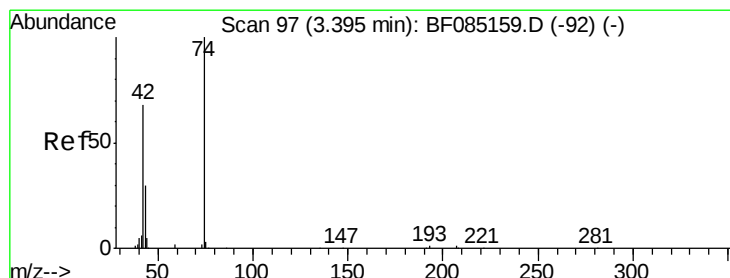
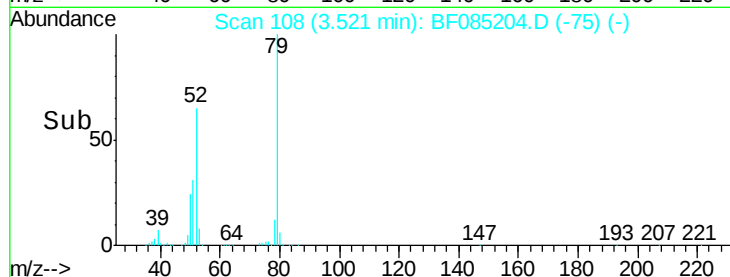
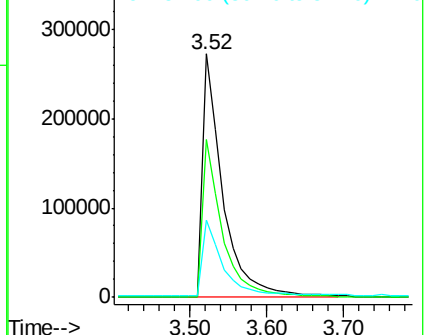
51 31.9 25.8 38.8



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: 37.73 ng

RT: 3.48 min Scan# 104

Delta R.T. 0.08 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

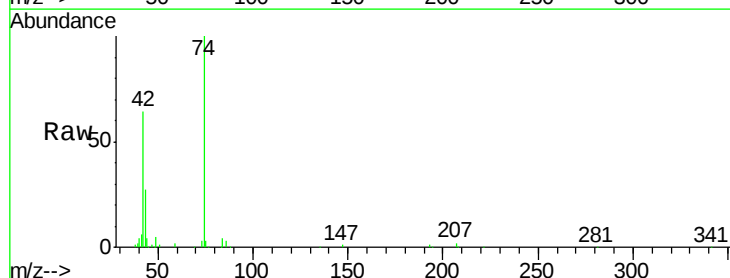
Tgt Ion: 42 Resp: 195872

Ion Ratio Lower Upper

42 100

74 156.3 116.8 175.2

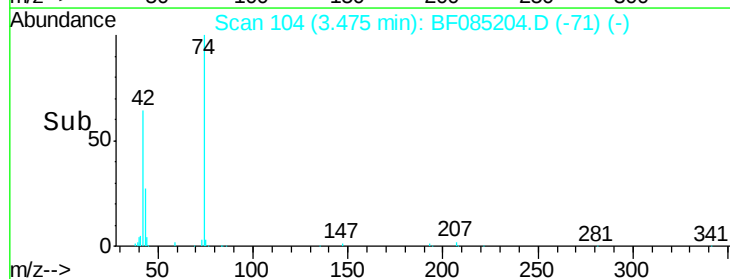
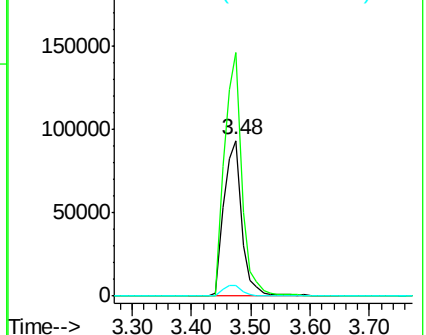
44 7.0 5.5 8.3

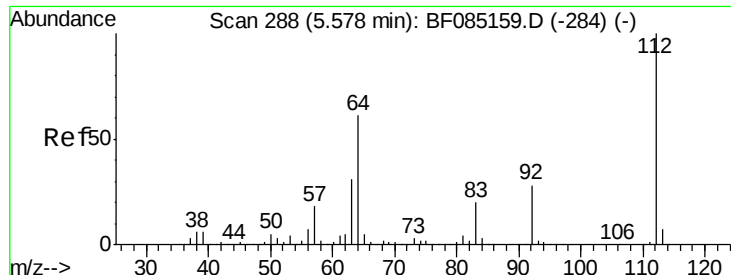


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 89.23 ng

RT: 5.59 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

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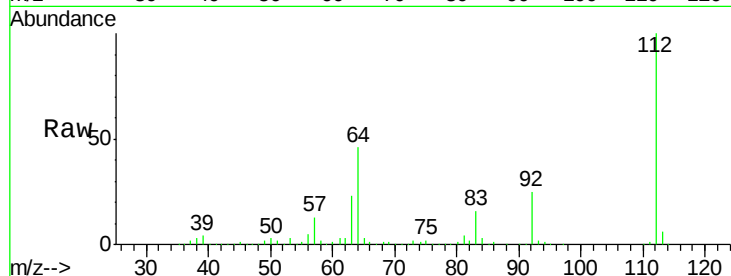
Tgt Ion: 112 Resp: 845613

Ion Ratio Lower Upper

112 100

64 45.7 49.0 73.4#

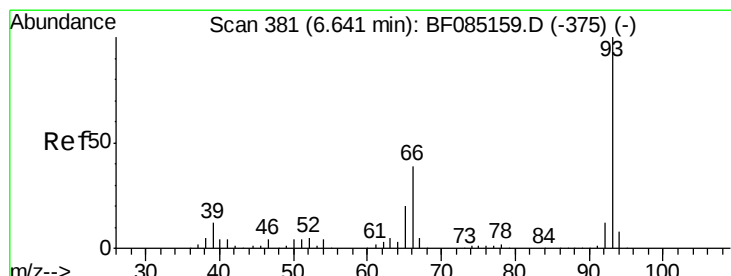
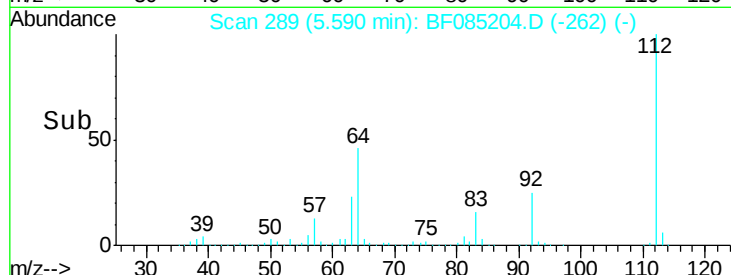
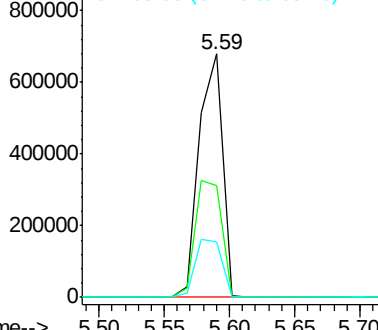
63 22.7 24.8 37.2#



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: 15.96 ng

RT: 6.63 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

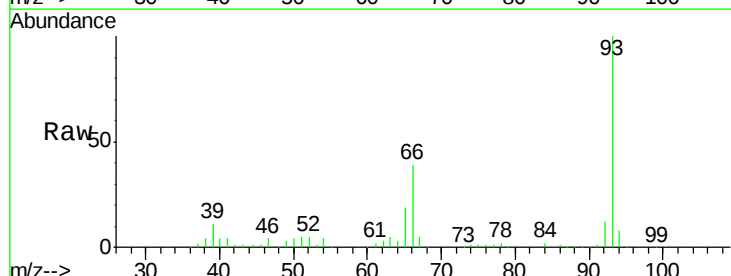
Tgt Ion: 93 Resp: 277694

Ion Ratio Lower Upper

93 100

66 39.2 31.6 47.4

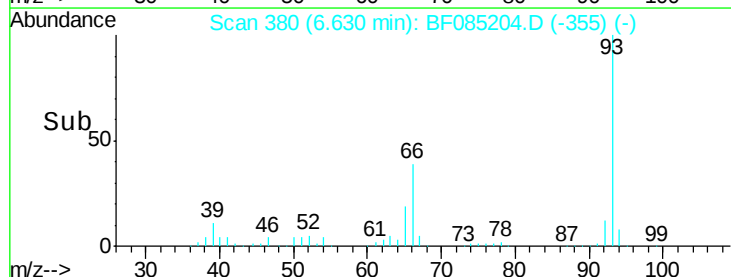
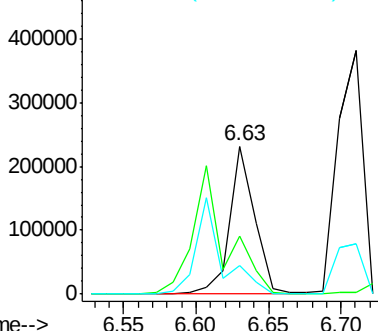
65 19.1 15.8 23.8



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: 79.89 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF085204.D

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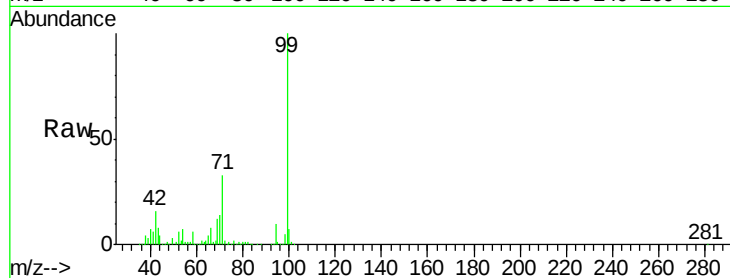
Tgt Ion: 99 Resp: 991920

Ion Ratio Lower Upper

99 100

42 16.3 13.6 20.4

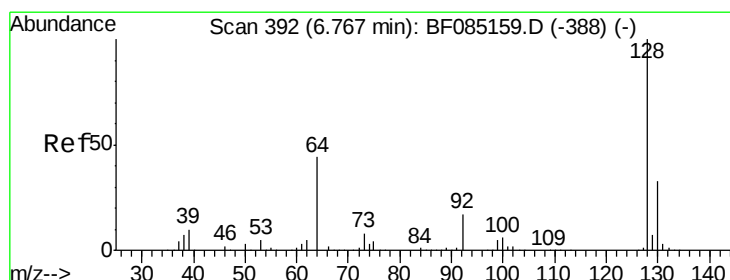
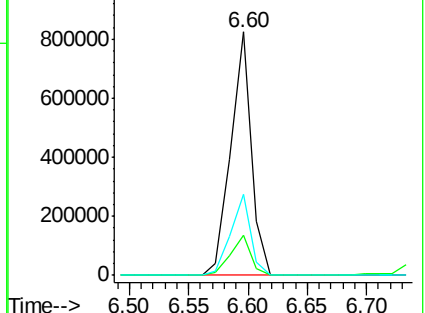
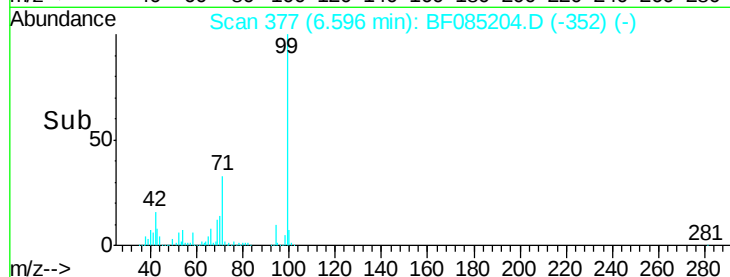
71 33.2 26.7 40.1



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.11 ng

RT: 6.76 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

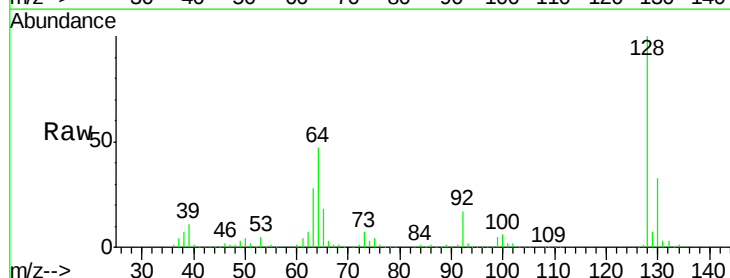
Tgt Ion: 128 Resp: 457639

Ion Ratio Lower Upper

128 100

130 32.9 13.3 53.3

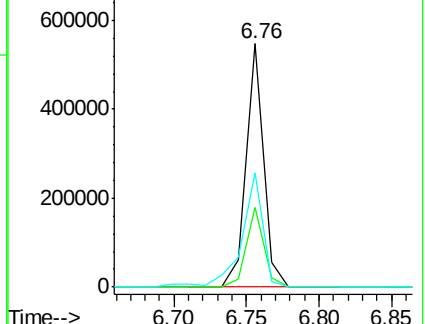
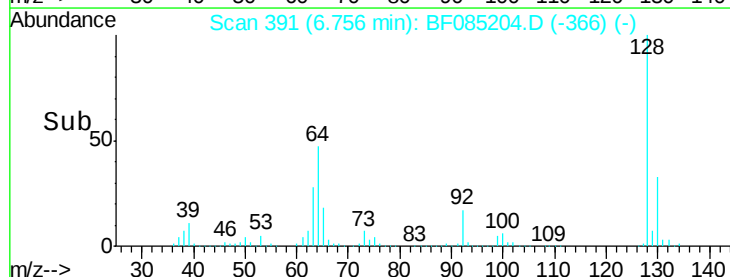
64 47.2 25.7 65.7

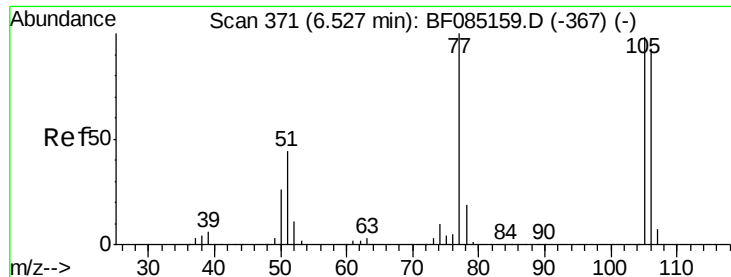


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 25.18 ng

RT: 6.52 min Scan# 370

Delta R.T. -0.01 min

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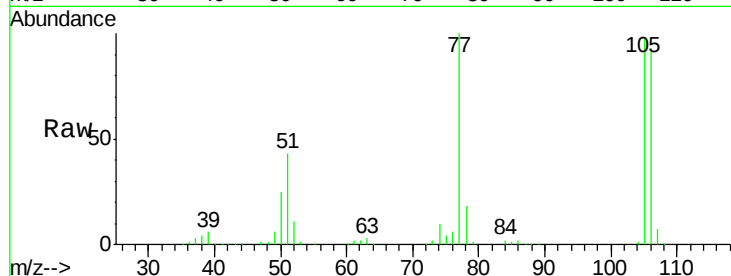
Tgt Ion: 77 Resp: 163126

Ion Ratio Lower Upper

77 100

105 97.6 78.2 118.2

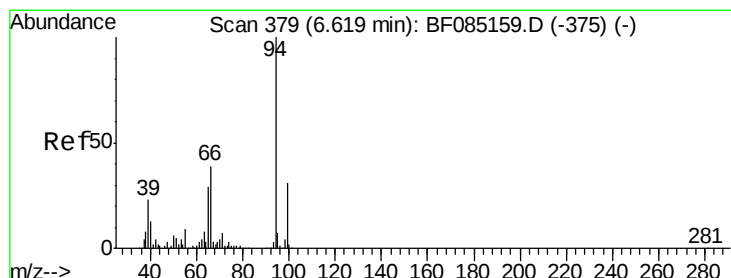
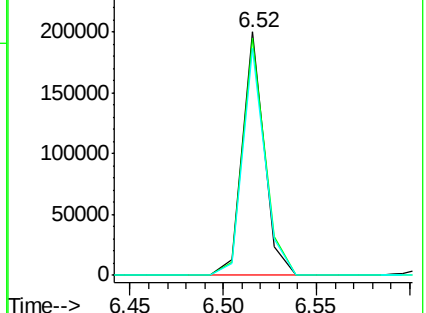
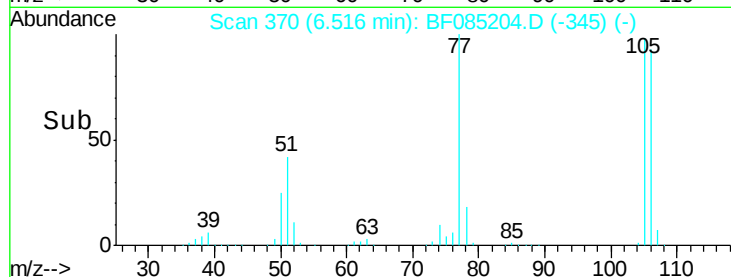
106 93.3 72.9 112.9



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 38.96 ng

RT: 6.61 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

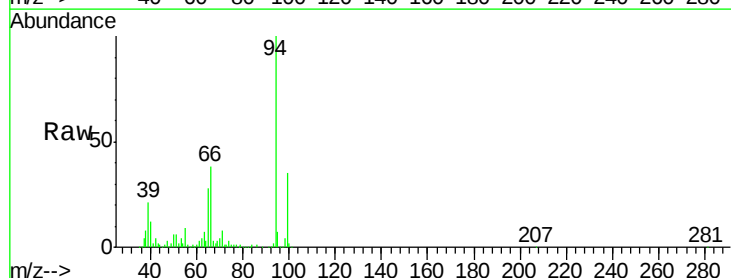
Tgt Ion: 94 Resp: 518075

Ion Ratio Lower Upper

94 100

65 28.3 9.1 49.1

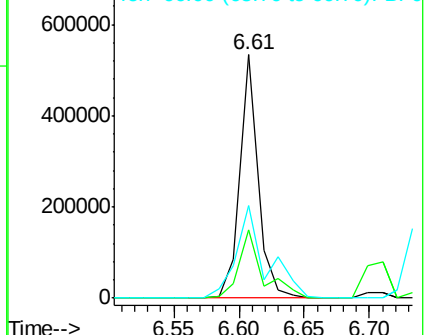
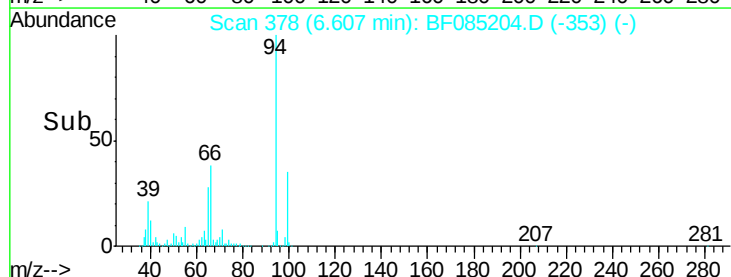
66 37.8 19.3 59.3

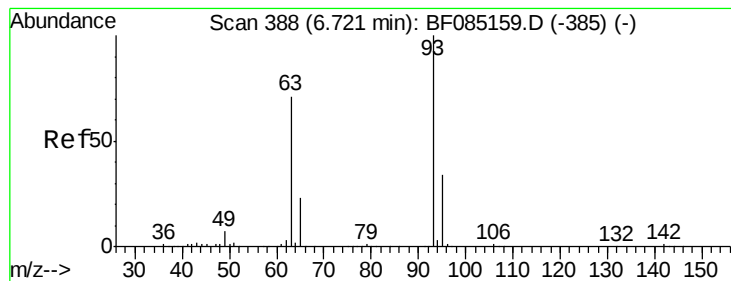


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

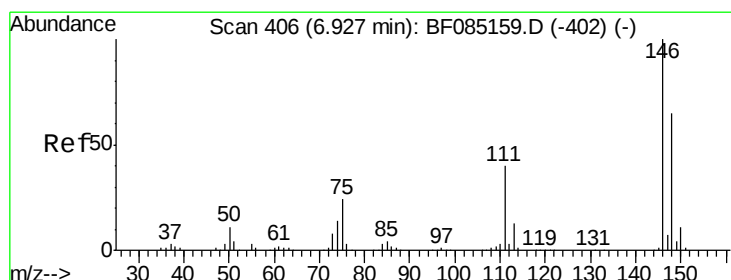
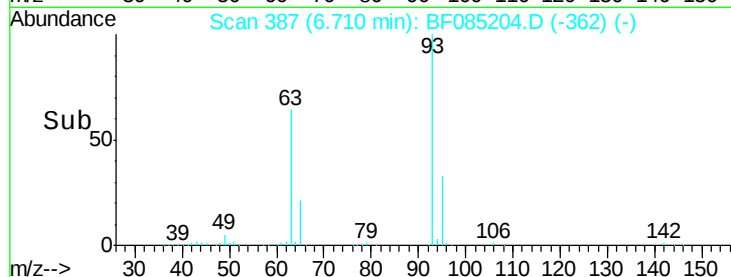
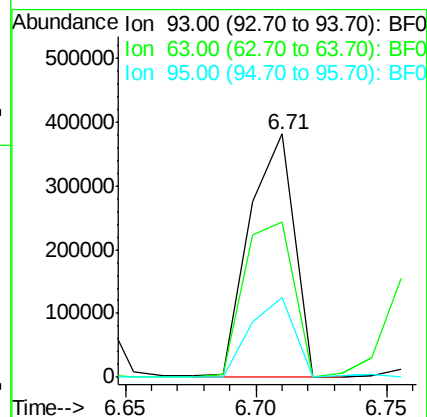
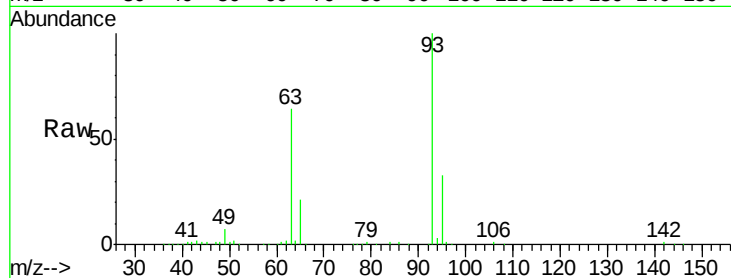




#11
bis(2-Chloroethyl)ether
Concen: 41.22 ng
RT: 6.71 min Scan# 387
Delta R.T. -0.01 min
Lab File: BF085204.D
Acq: 4 Mar 2016 15:58

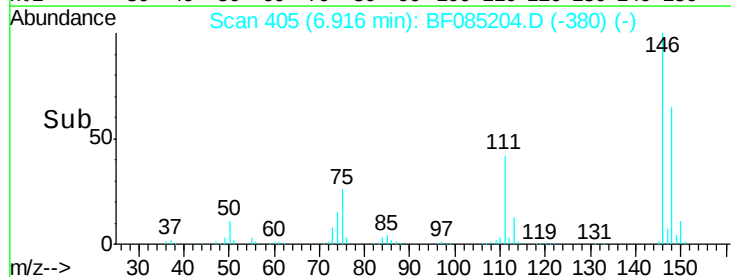
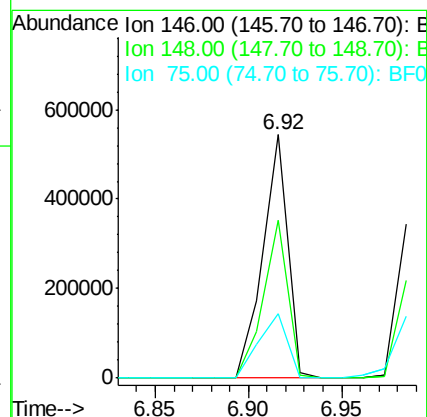
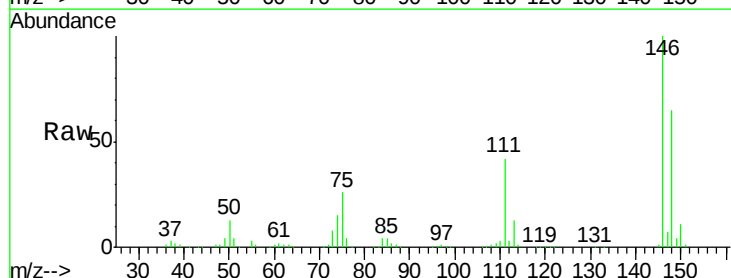
Instrument :
BNA_F
ClientSampleId :
PB88682BS

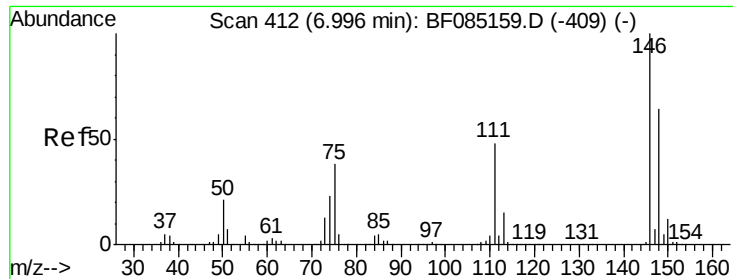
Tgt Ion: 93 Resp: 455248
Ion Ratio Lower Upper
93 100
63 63.6 50.9 90.9
95 32.9 13.7 53.7



#12
1,3-Dichlorobenzene
Concen: 40.81 ng
RT: 6.92 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF085204.D
Acq: 4 Mar 2016 15:58

Tgt Ion: 146 Resp: 499905
Ion Ratio Lower Upper
146 100
148 64.9 52.1 78.1
75 26.3 19.5 29.3

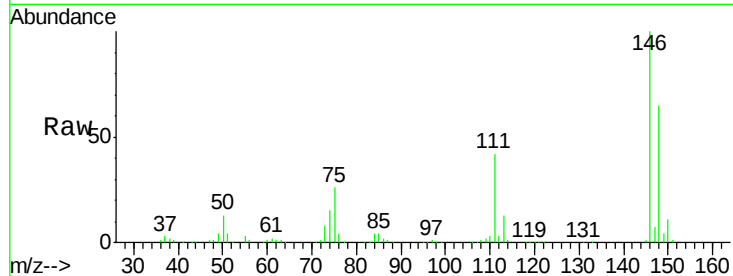




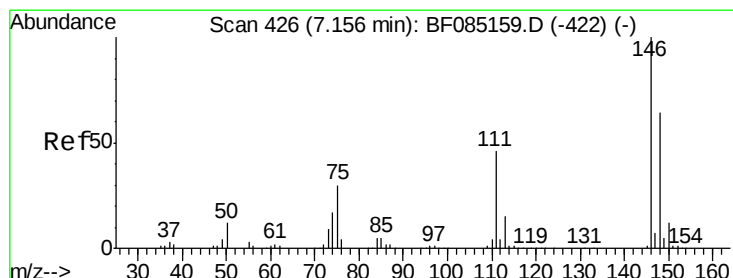
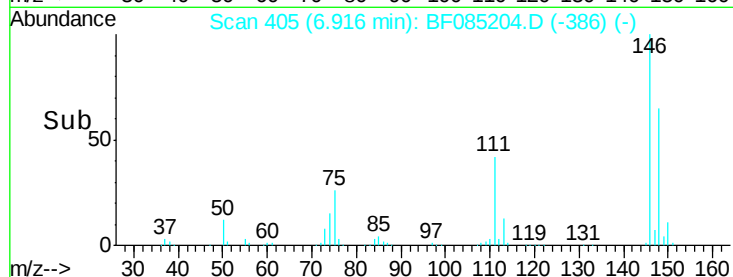
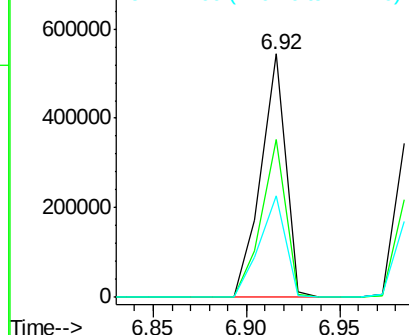
#13
 1,4-Dichlorobenzene
 Concen: 40.72 ng
 RT: 6.92 min Scan# 405
 Delta R.T. -0.08 min
 Lab File: BF085204.D
 Acq: 4 Mar 2016 15:58

Instrument :
 BNA_F
 ClientSampleId :
 PB88682BS

Tgt Ion:146 Resp: 499905
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.3 76.9
 111 41.6 38.4 57.6

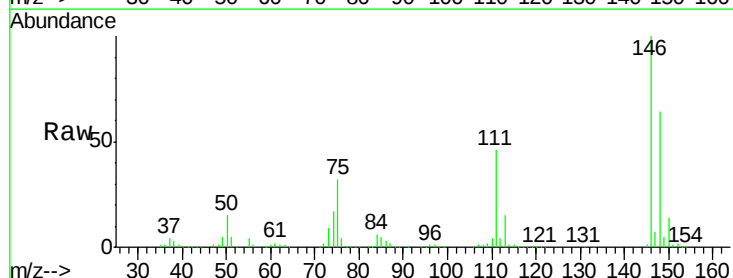


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

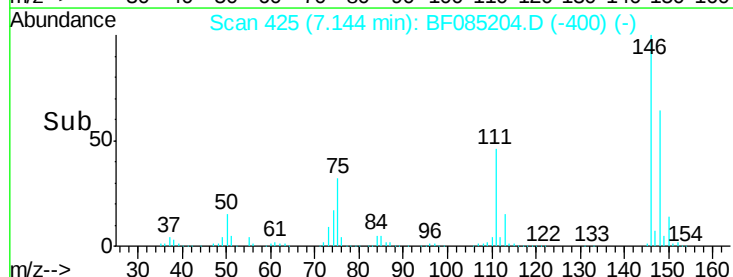
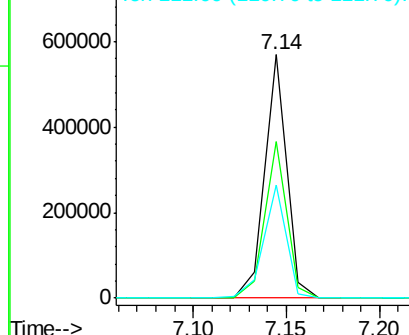


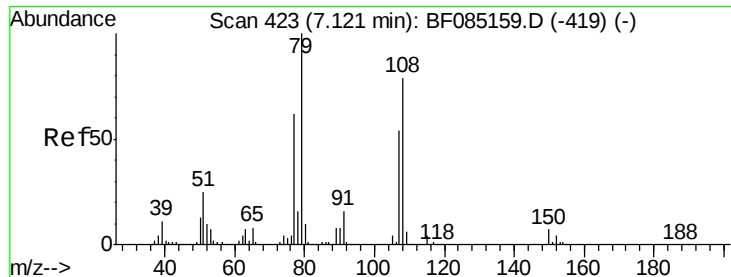
#14
 1,2-Dichlorobenzene
 Concen: 41.27 ng
 RT: 7.14 min Scan# 425
 Delta R.T. -0.01 min
 Lab File: BF085204.D
 Acq: 4 Mar 2016 15:58

Tgt Ion:146 Resp: 459626
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.4 77.2
 111 46.3 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: 43.48 ng

RT: 7.11 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

Instrument :

BNA_F

ClientSampleId :

PB88682BS

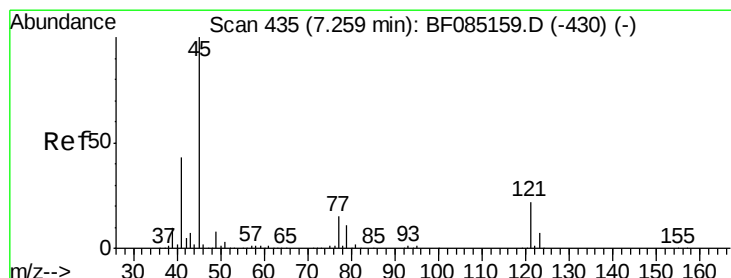
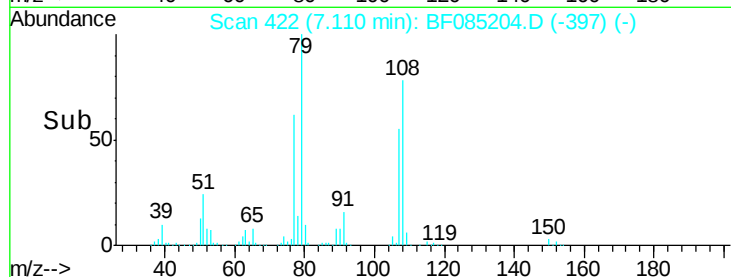
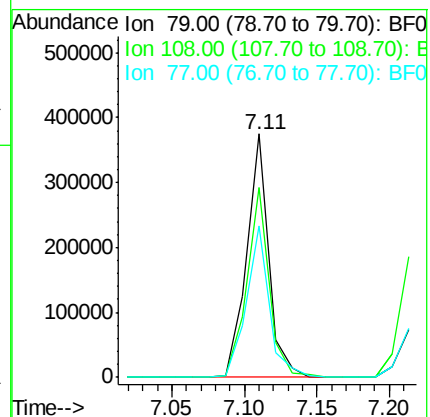
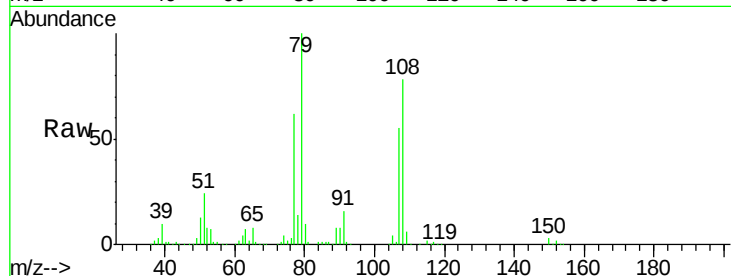
Tgt Ion: 79 Resp: 396308

Ion Ratio Lower Upper

79 100

108 78.1 62.9 94.3

77 62.0 49.5 74.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.36 ng

RT: 7.25 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

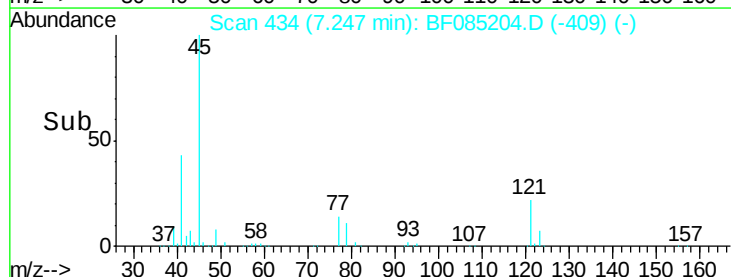
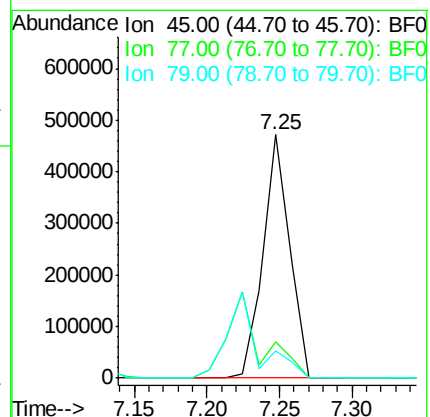
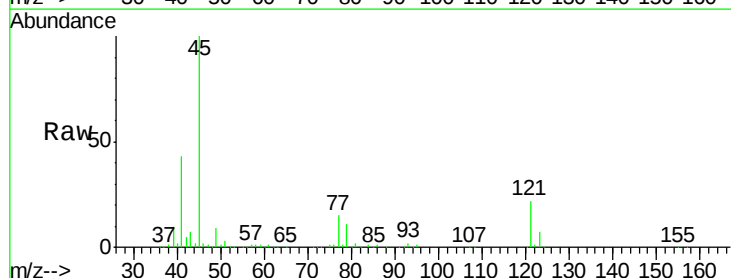
Tgt Ion: 45 Resp: 594814

Ion Ratio Lower Upper

45 100

77 14.9 0.0 35.1

79 11.3 0.0 31.3

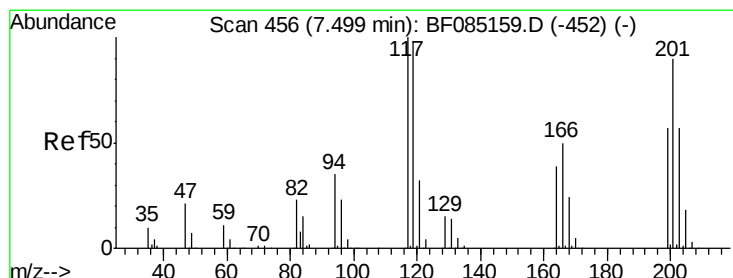
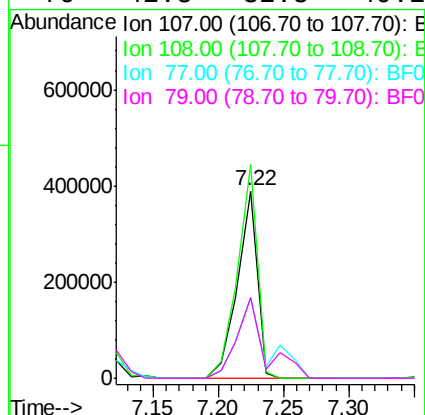
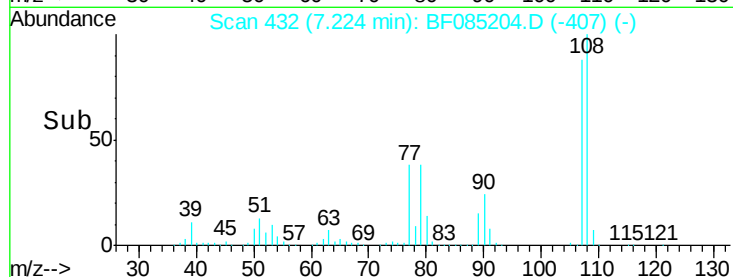
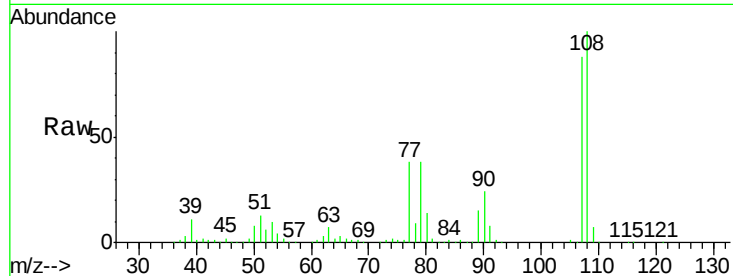




#17
2-Methylphenol
Concen: 44.28 ng
RT: 7.22 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF085204.D
Acq: 4 Mar 2016 15:58

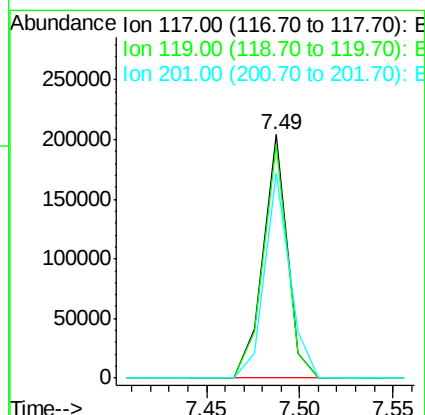
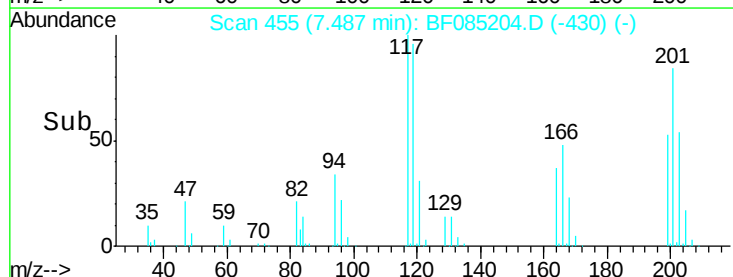
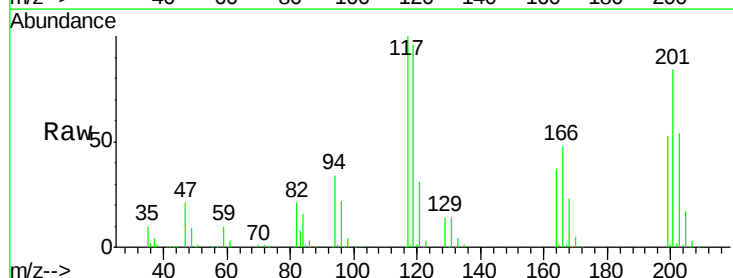
Instrument :
BNA_F
ClientSampleId :
PB88682BS

Tgt Ion:107 Resp: 412171
Ion Ratio Lower Upper
107 100
108 114.0 90.9 136.3
77 43.1 32.6 48.8
79 42.8 32.8 49.2



#18
Hexachloroethane
Concen: 40.26 ng
RT: 7.49 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF085204.D
Acq: 4 Mar 2016 15:58

Tgt Ion:117 Resp: 182314
Ion Ratio Lower Upper
117 100
119 96.1 78.2 117.4
201 84.1 72.0 108.0

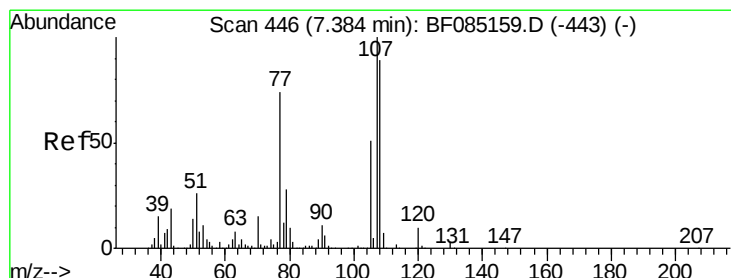
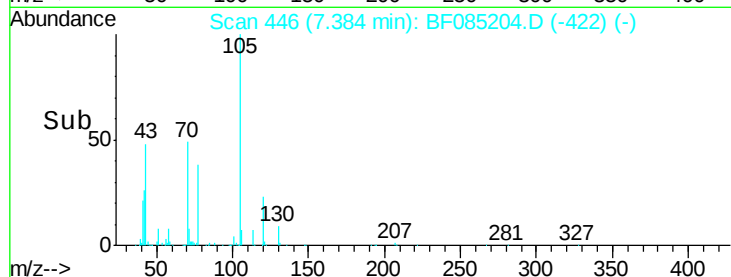
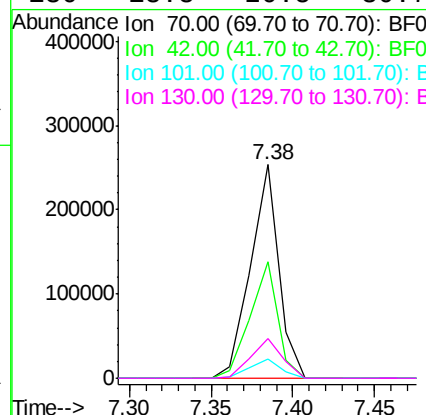
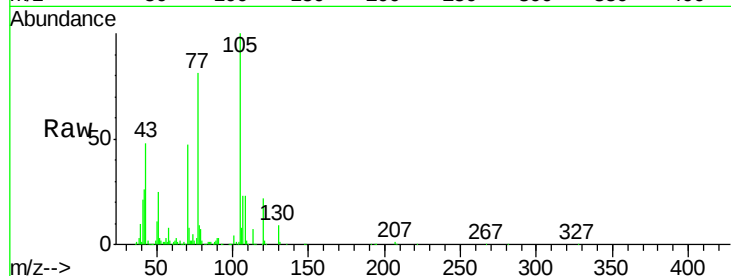




#19
n-Nitroso-di-n-propylamine
Concen: 37.57 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF085204.D
Acq: 4 Mar 2016 15:58

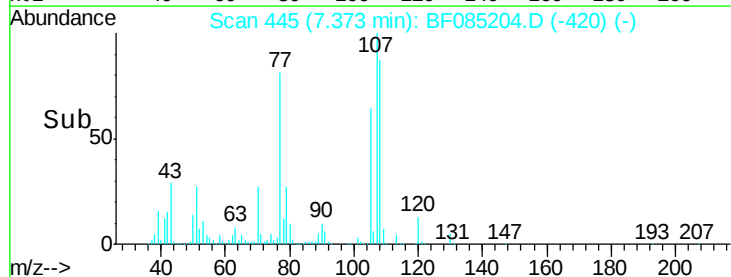
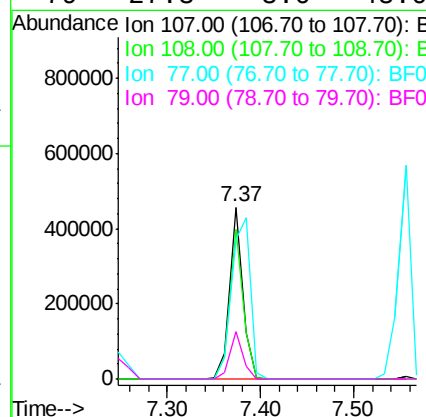
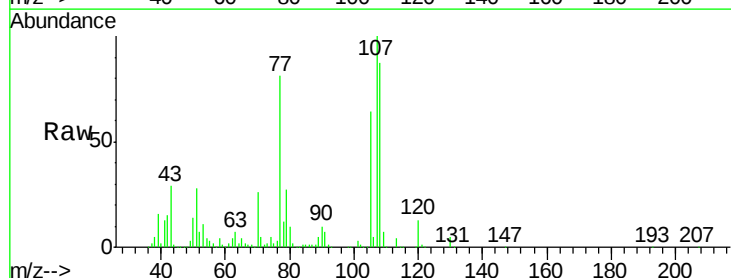
Instrument :
BNA_F
ClientSampleId :
PB88682BS

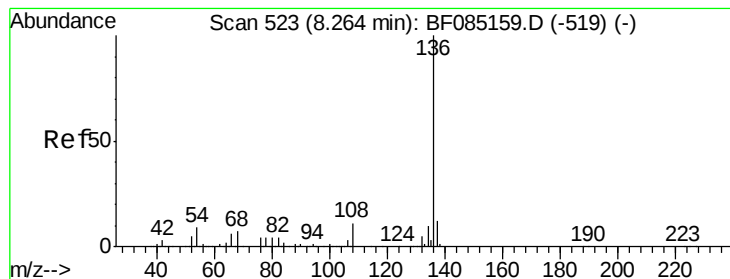
Tgt Ion: 70 Resp: 304008
Ion Ratio Lower Upper
70 100
42 54.5 37.7 56.5
101 9.1 8.2 12.4
130 18.8 20.5 30.7#



#20
3+4-Methylphenols
Concen: 40.80 ng
RT: 7.37 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF085204.D
Acq: 4 Mar 2016 15:58

Tgt Ion: 107 Resp: 449941
Ion Ratio Lower Upper
107 100
108 87.2 68.8 108.8
77 80.9 53.6 93.6
79 27.3 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: BF085204.D

Acq: 4 Mar 2016 15:58

Instrument :

BNA_F

ClientSampleId :

PB88682BS

Tgt Ion:136 Resp: 633985

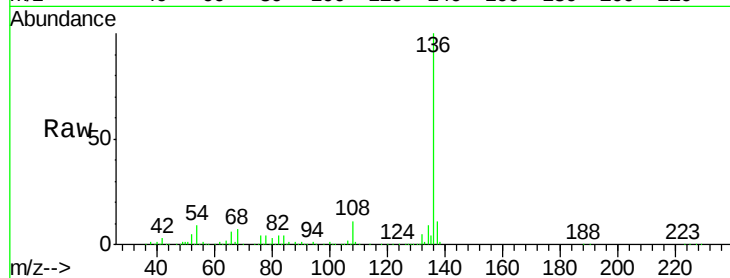
Ion Ratio Lower Upper

136 100

137 11.2 9.3 13.9

54 9.1 7.4 11.2

68 7.4 6.0 9.0

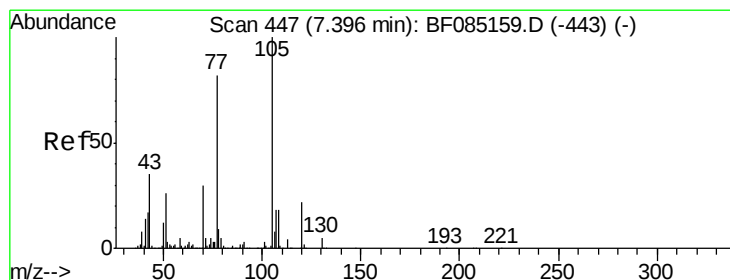
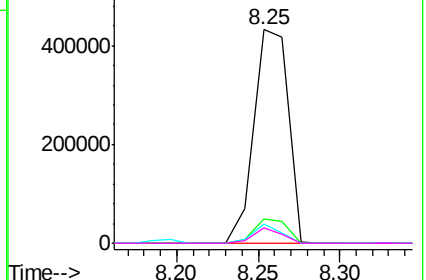
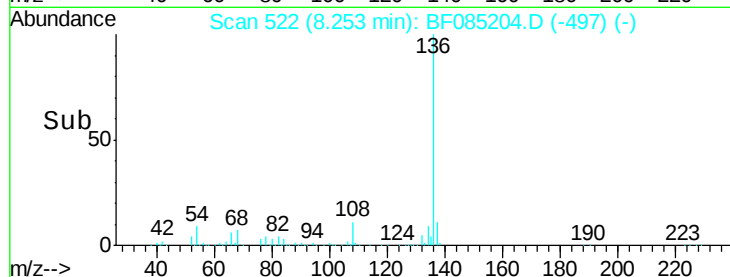


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.76 ng

RT: 7.38 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

Tgt Ion:105 Resp: 615276

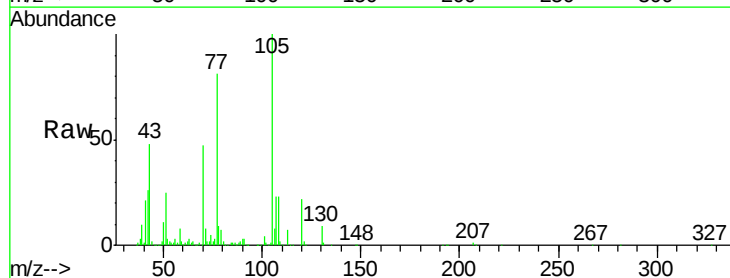
Ion Ratio Lower Upper

105 100

71 8.2 4.1 6.1#

51 24.6 21.1 31.7

120 22.1 17.3 25.9

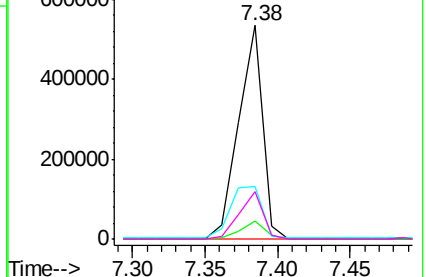
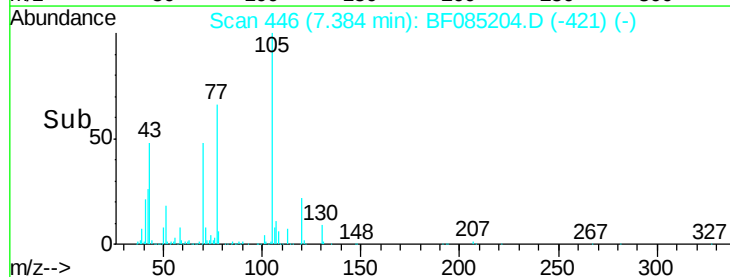


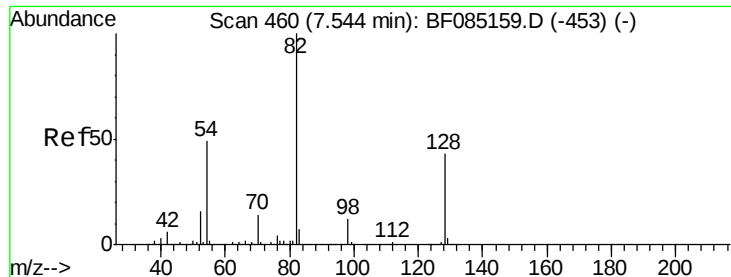
Abundance Ion 105.00 (104.70 to 105.70): E

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

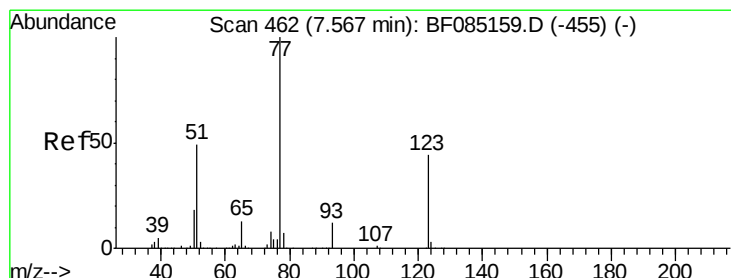
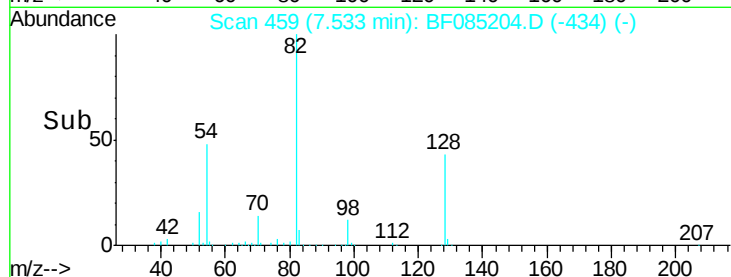
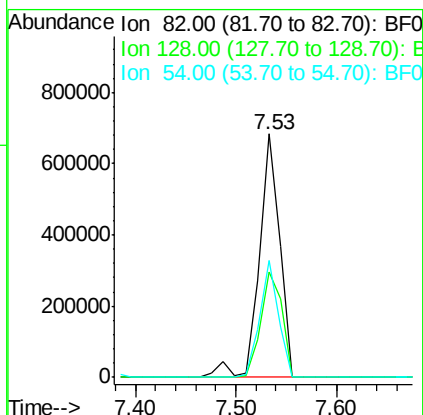
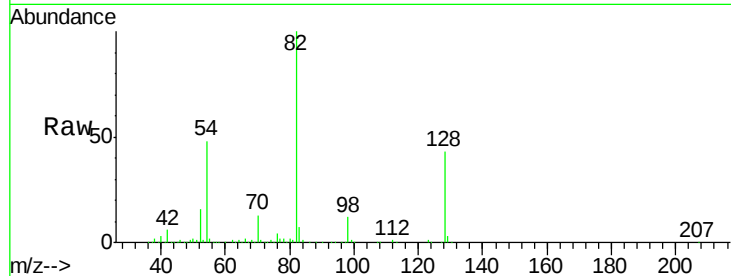




#23
Nitrobenzene-d5
Concen: 80.52 ng
RT: 7.53 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF085204.D
Acq: 4 Mar 2016 15:58

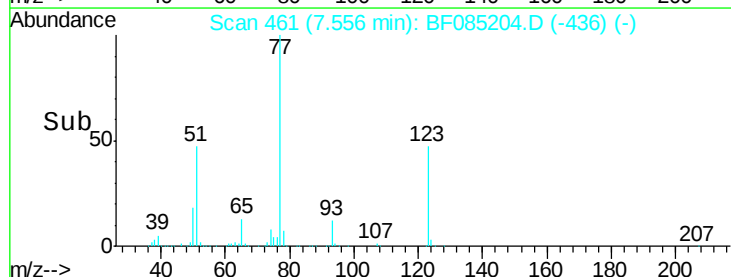
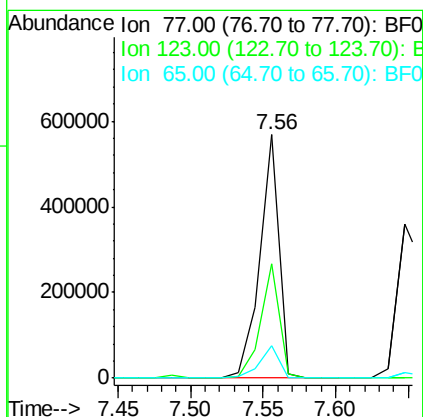
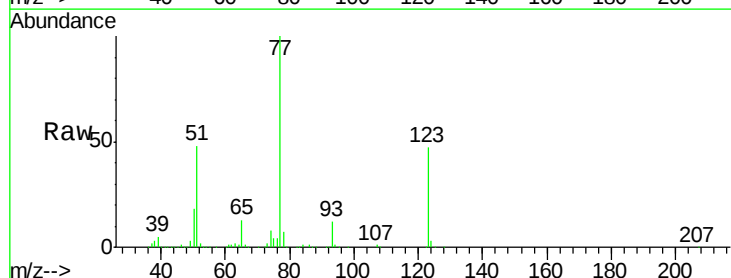
Instrument :
BNA_F
ClientSampleId :
PB88682BS

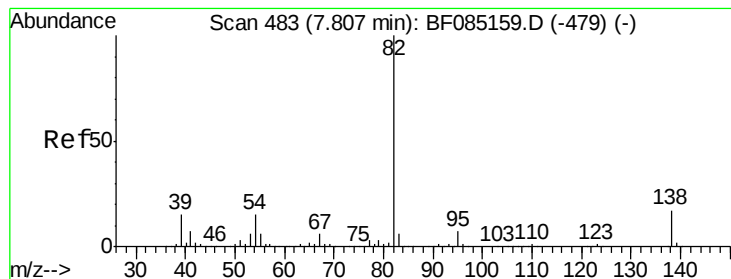
Tgt Ion: 82 Resp: 953953
Ion Ratio Lower Upper
82 100
128 43.3 34.5 51.7
54 47.8 39.3 58.9



#24
Nitrobenzene
Concen: 43.20 ng
RT: 7.56 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF085204.D
Acq: 4 Mar 2016 15:58

Tgt Ion: 77 Resp: 519954
Ion Ratio Lower Upper
77 100
123 47.1 35.4 53.2
65 13.1 10.6 16.0





#25

Isophorone

Concen: 41.49 ng

RT: 7.80 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

Instrument :

BNA_F

ClientSampled :

PB88682BS

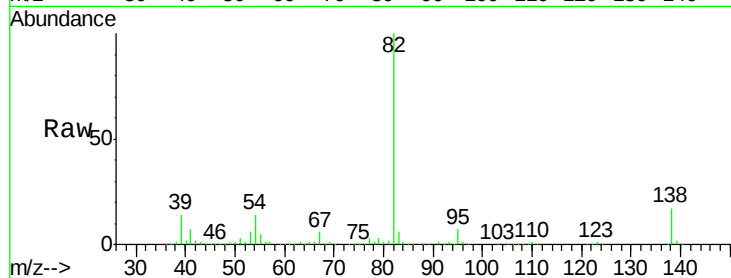
Tgt Ion: 82 Resp: 910846

Ion Ratio Lower Upper

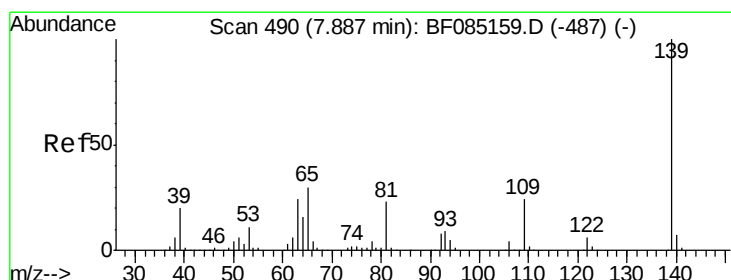
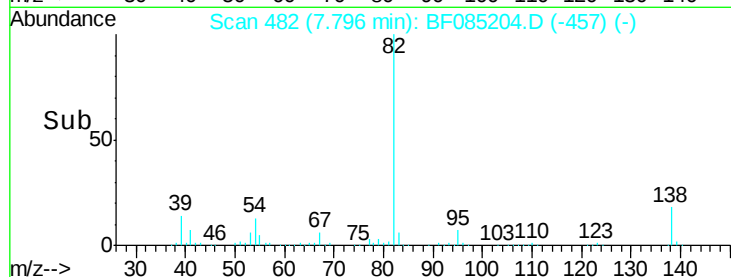
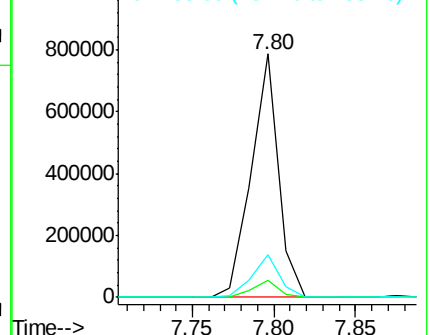
82 100

95 7.0 5.4 8.2

138 17.5 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): E



#26

2-Nitrophenol

Concen: 44.66 ng

RT: 7.88 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

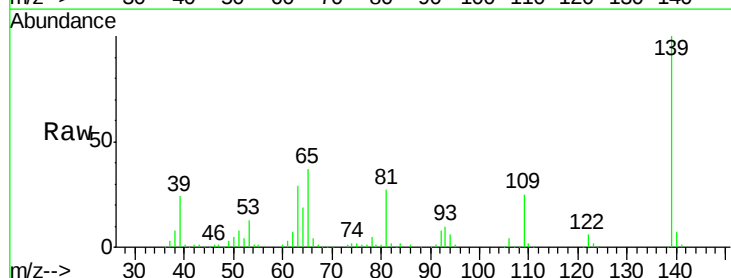
Tgt Ion: 139 Resp: 261584

Ion Ratio Lower Upper

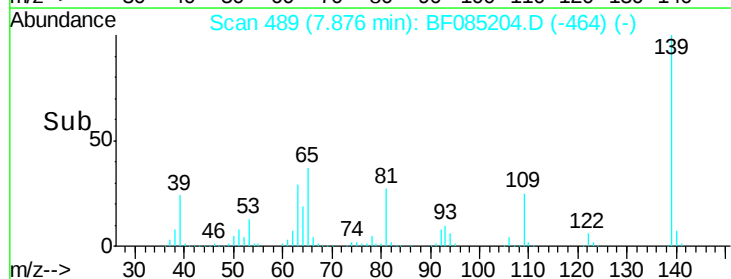
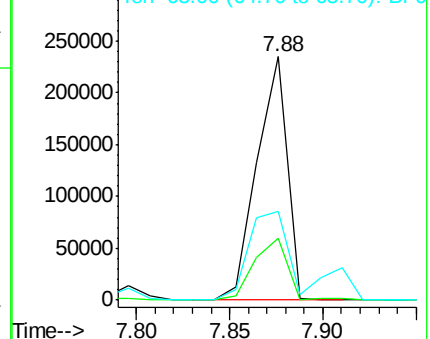
139 100

109 25.3 19.1 28.7

65 36.7 23.9 35.9#



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

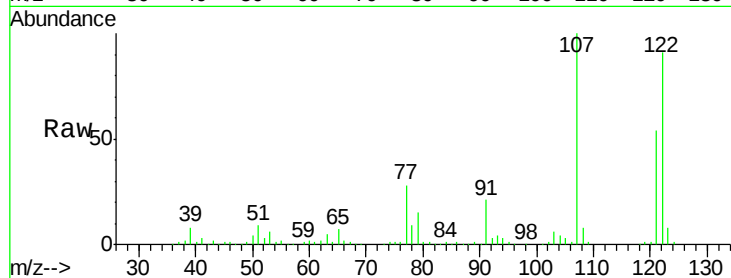




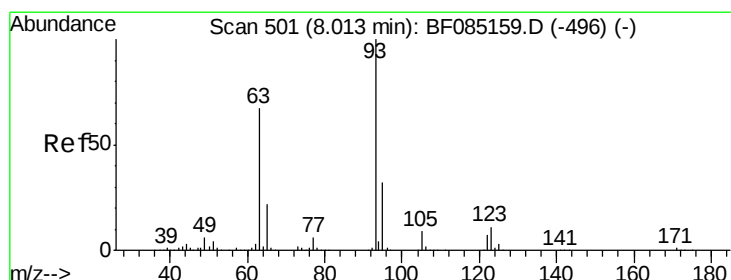
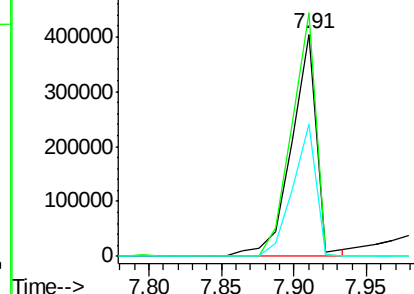
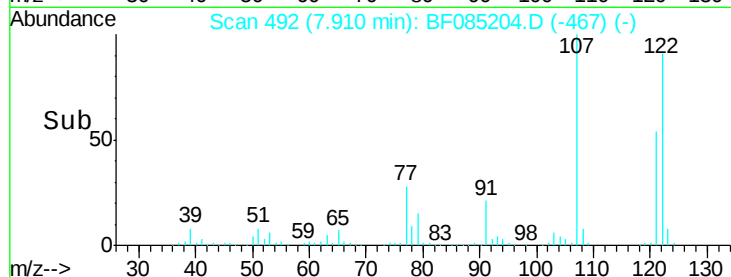
#27
 2,4-Dimethylphenol
 Concen: 45.23 ng
 RT: 7.91 min Scan# 492
 Delta R.T. -0.01 min
 Lab File: BF085204.D
 Acq: 4 Mar 2016 15:58

Instrument :
 BNA_F
 ClientSampleId :
 PB88682BS

Tgt Ion:122 Resp: 484109
 Ion Ratio Lower Upper
 122 100
 107 109.4 84.8 127.2
 121 59.2 47.0 70.6

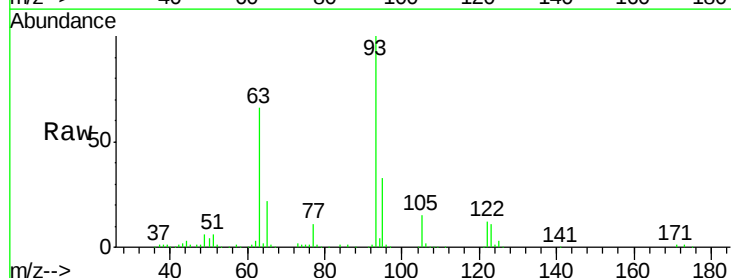


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

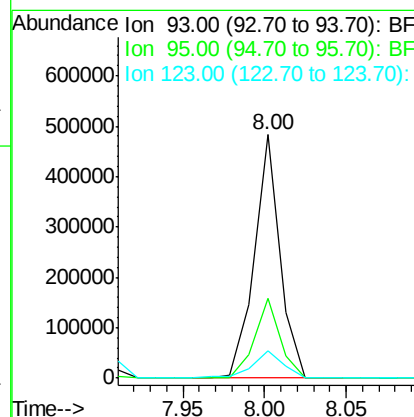
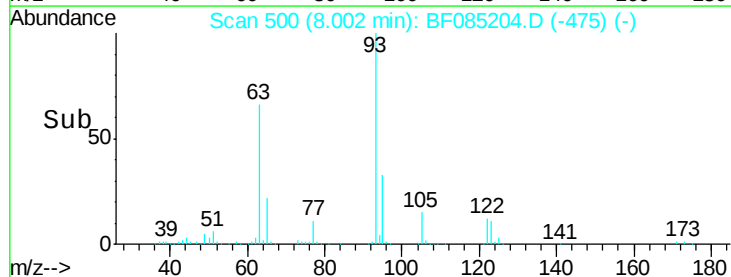


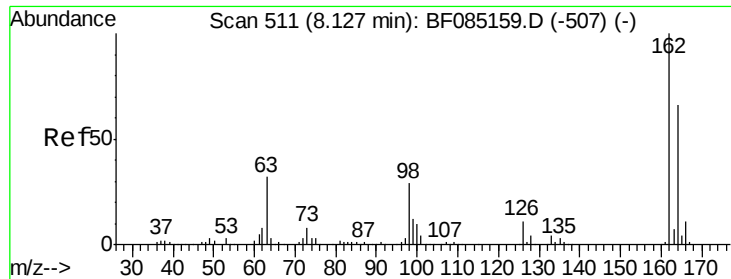
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.95 ng
 RT: 8.00 min Scan# 500
 Delta R.T. -0.01 min
 Lab File: BF085204.D
 Acq: 4 Mar 2016 15:58

Tgt Ion: 93 Resp: 525194
 Ion Ratio Lower Upper
 93 100
 95 32.6 25.9 38.9
 123 11.3 8.8 13.2



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 45.64 ng

RT: 8.12 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

Instrument :

BNA_F

ClientSampleId :

PB88682BS

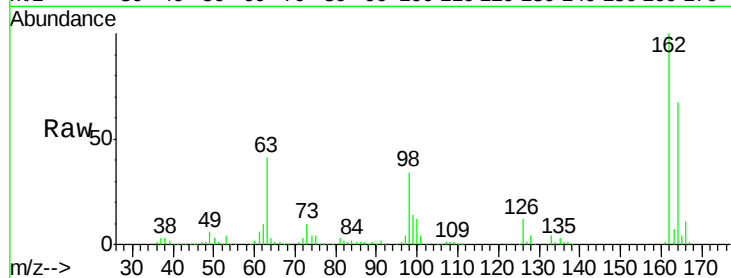
Tgt Ion:162 Resp: 393957

Ion Ratio Lower Upper

162 100

164 66.7 45.7 85.7

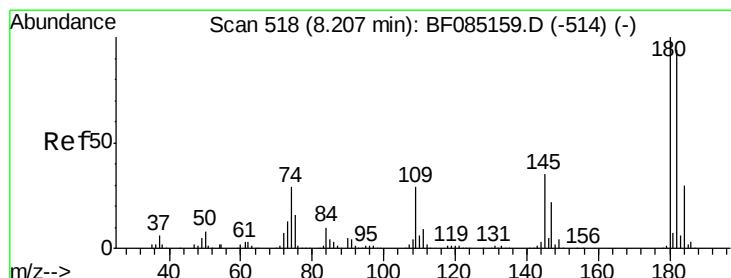
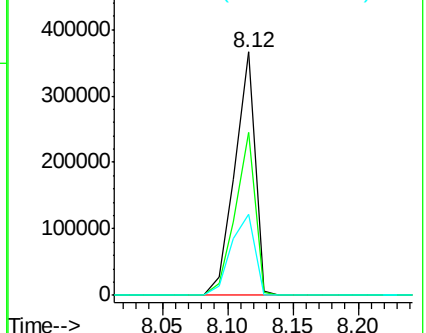
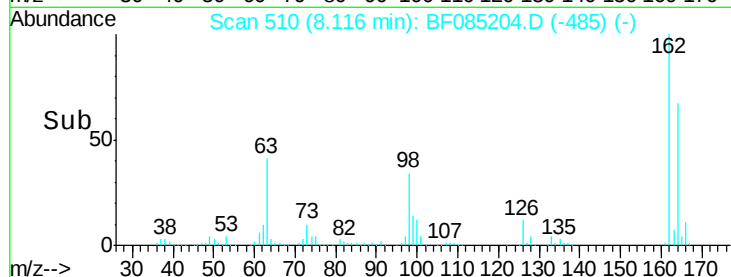
98 33.5 9.4 49.4



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: 41.25 ng

RT: 8.20 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

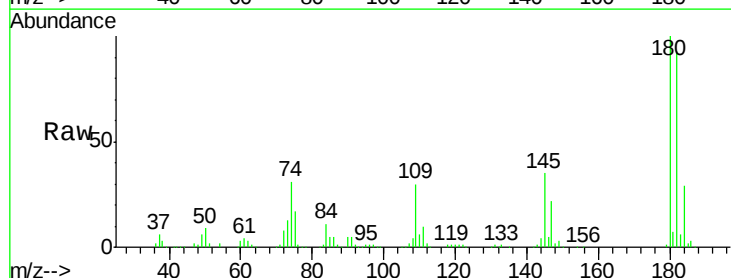
Tgt Ion:180 Resp: 384969

Ion Ratio Lower Upper

180 100

182 93.2 74.9 112.3

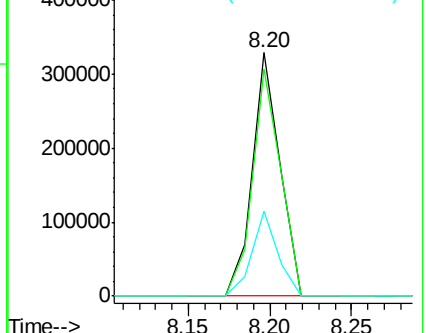
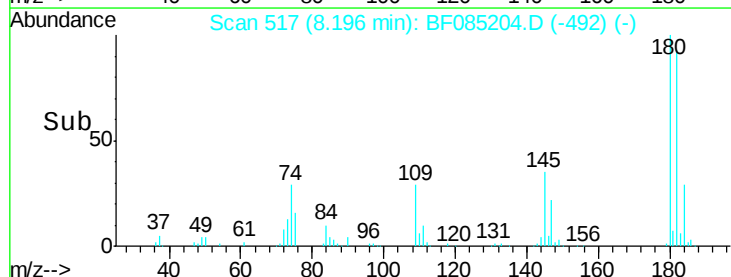
145 34.9 27.9 41.9

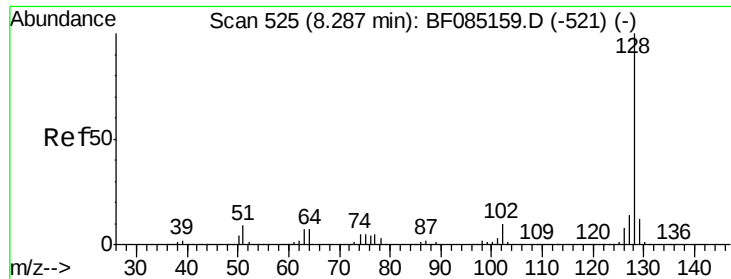


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

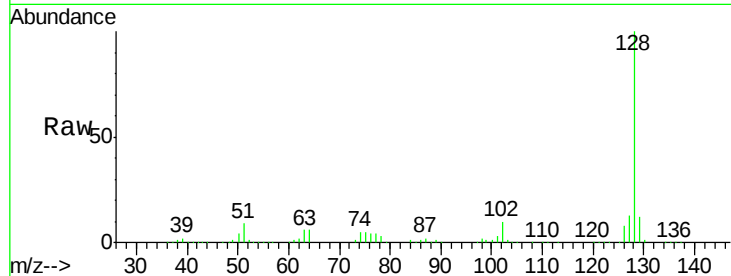




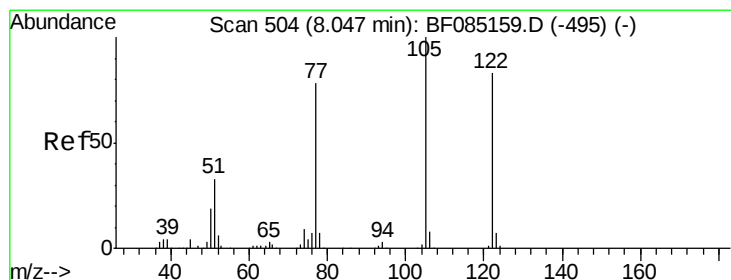
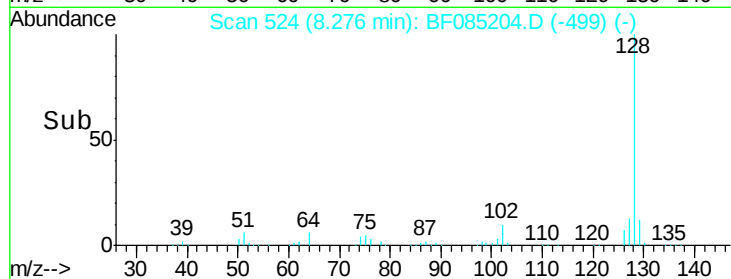
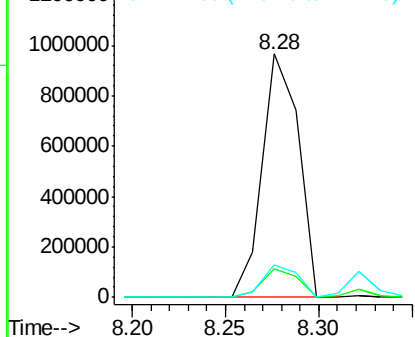
#31
Naphthalene
Concen: 41.74 ng
RT: 8.28 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF085204.D
Acq: 4 Mar 2016 15:58

Instrument :
BNA_F
ClientSampleId :
PB88682BS

Tgt Ion:128 Resp: 1301166
Ion Ratio Lower Upper
128 100
129 11.8 9.7 14.5
127 13.4 11.2 16.8

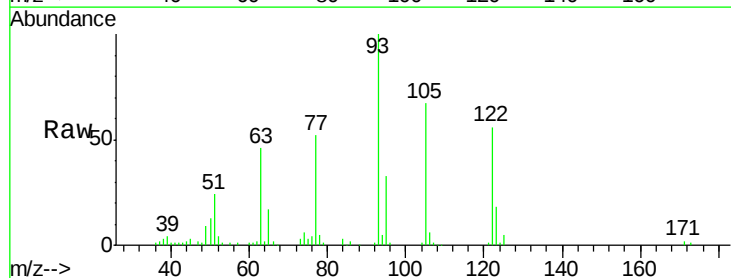


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

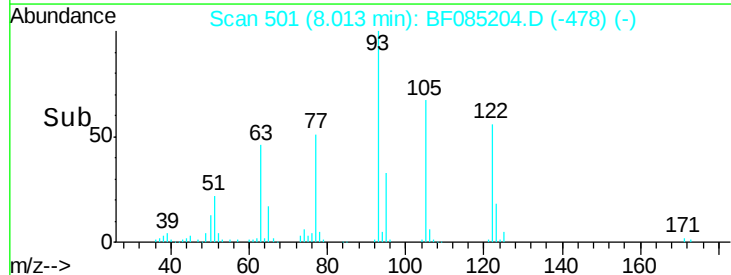
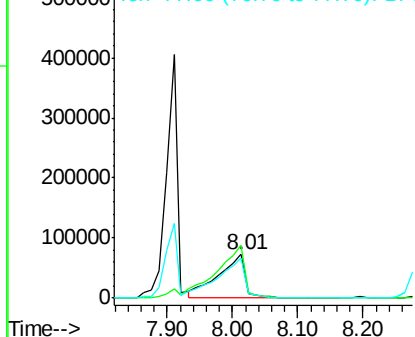


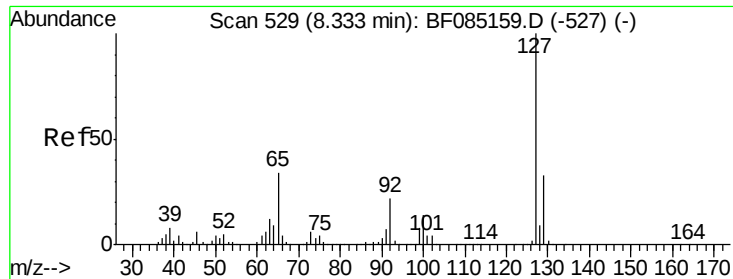
#32
Benzoic acid
Concen: 29.33 ng
RT: 8.01 min Scan# 501
Delta R.T. -0.03 min
Lab File: BF085204.D
Acq: 4 Mar 2016 15:58

Tgt Ion:122 Resp: 208483
Ion Ratio Lower Upper
122 100
105 120.2 101.3 141.3
77 92.5 74.7 114.7



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

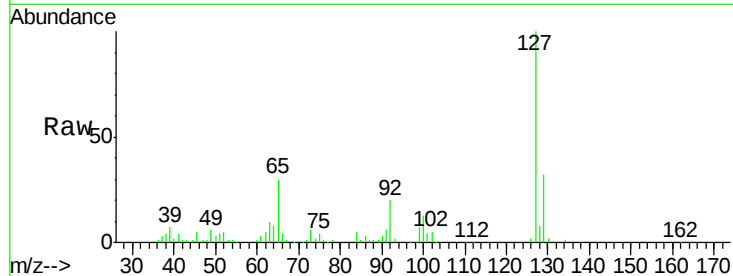




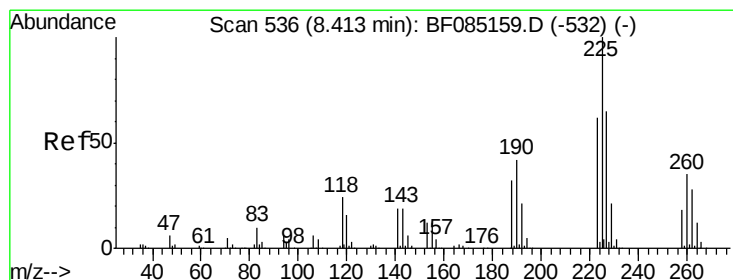
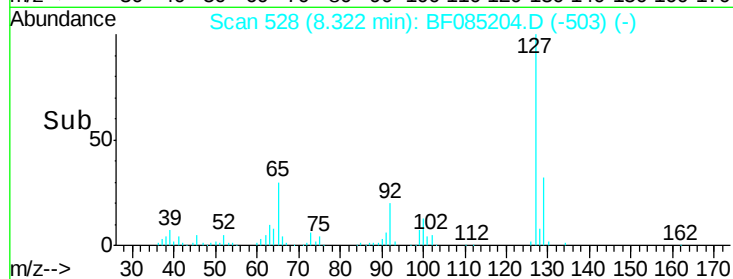
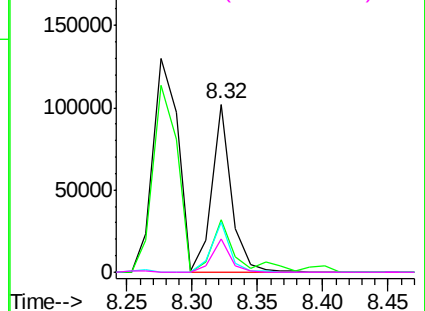
#33
4-Chloroaniline
Concen: 8.52 ng
RT: 8.32 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF085204.D
Acq: 4 Mar 2016 15:58

Instrument :
BNA_F
ClientSampleId :
PB88682BS

Tgt Ion:	127	Resp:	107402
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.1	39.1
65	30.0	27.0	40.6
92	20.1	17.4	26.0

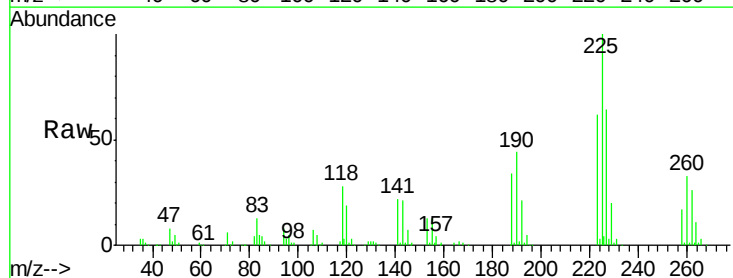


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

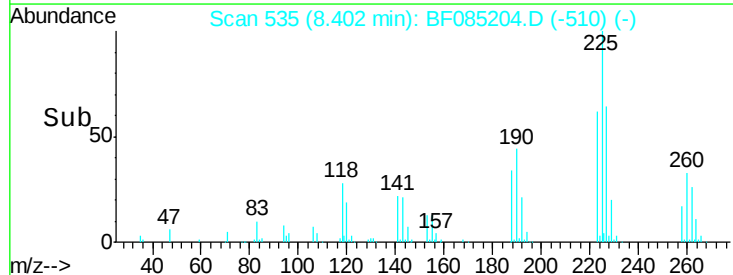
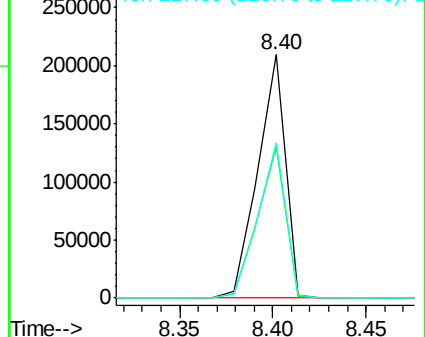


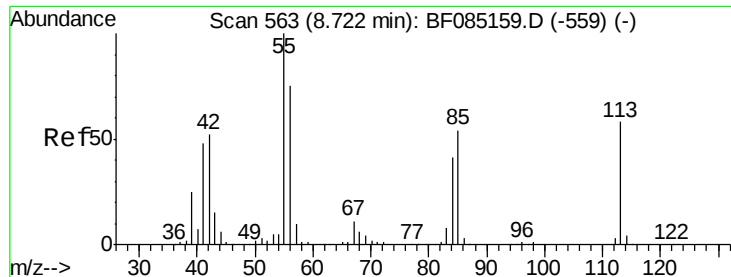
#34
Hexachlorobutadiene
Concen: 43.97 ng
RT: 8.40 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF085204.D
Acq: 4 Mar 2016 15:58

Tgt Ion:	225	Resp:	213515
Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.7	74.5
227	63.8	52.2	78.4



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

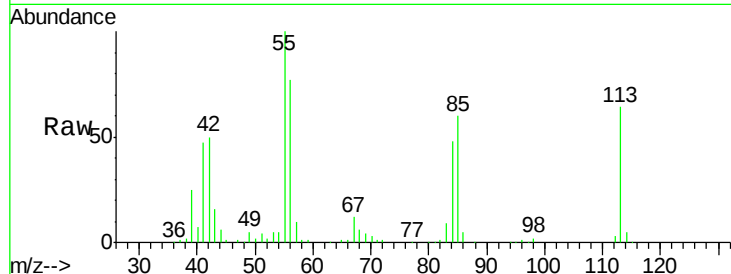




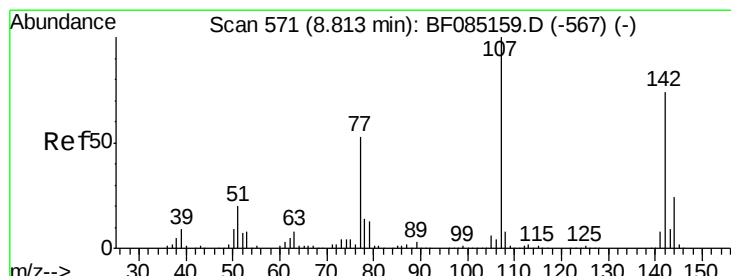
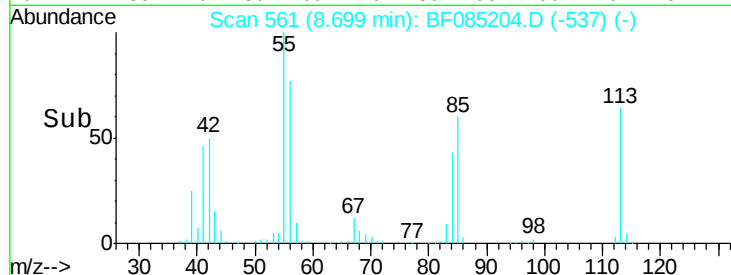
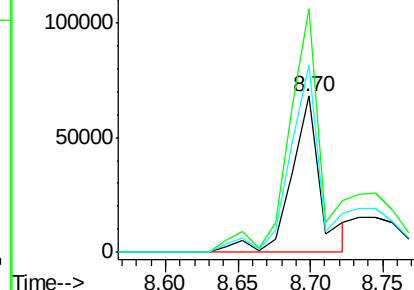
#35
Caprolactam
Concen: 33.54 ng
RT: 8.70 min Scan# 561
Delta R.T. -0.02 min
Lab File: BF085204.D
Acq: 4 Mar 2016 15:58

Instrument :
BNA_F
ClientSampleId :
PB88682BS

Tgt Ion:113 Resp: 94561
Ion Ratio Lower Upper
113 100
55 155.8 152.7 192.7
56 119.9 109.0 149.0

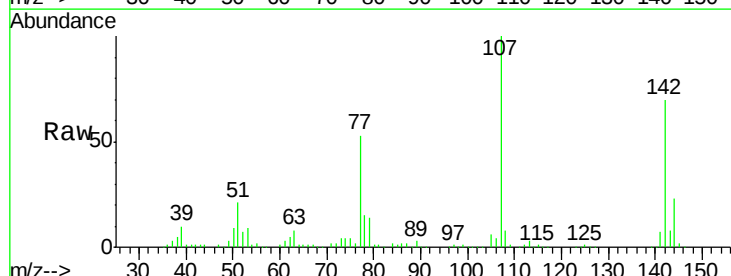


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

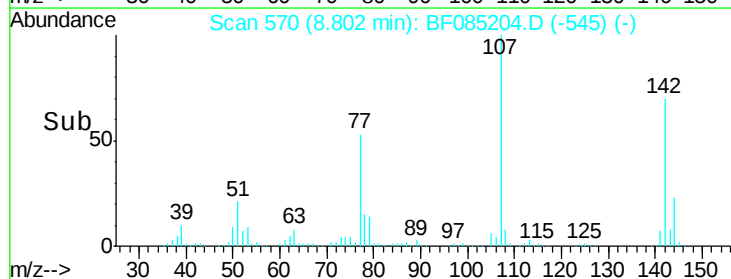
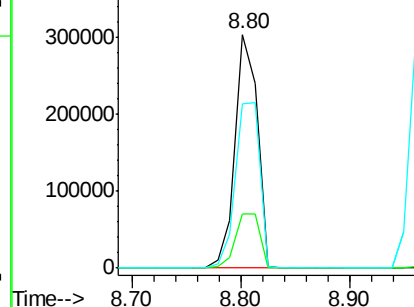


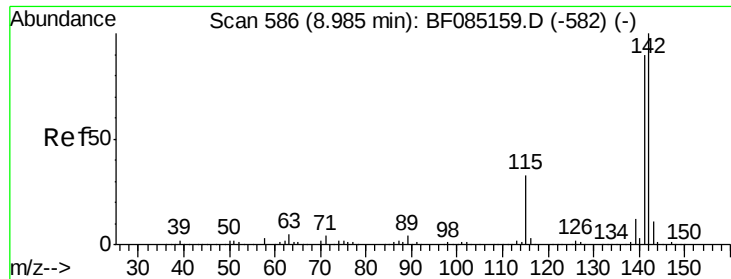
#36
4-Chloro-3-methylphenol
Concen: 43.34 ng
RT: 8.80 min Scan# 570
Delta R.T. -0.01 min
Lab File: BF085204.D
Acq: 4 Mar 2016 15:58

Tgt Ion:107 Resp: 424393
Ion Ratio Lower Upper
107 100
144 22.9 19.4 29.2
142 70.1 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

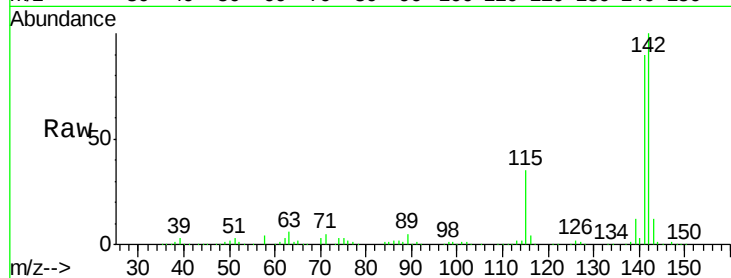




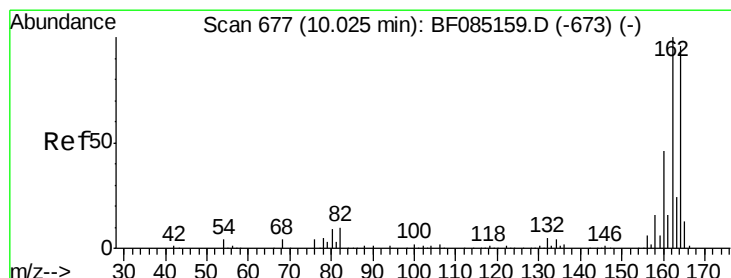
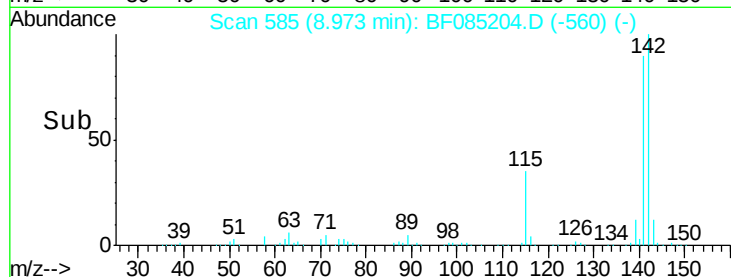
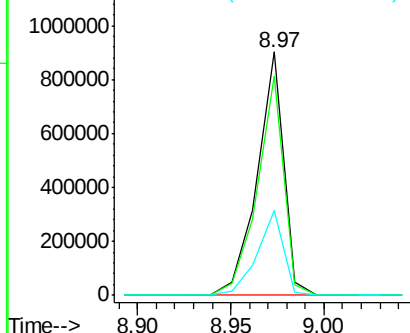
#37
 2-Methylnaphthalene
 Concen: 45.02 ng
 RT: 8.97 min Scan# 585
 Delta R.T. -0.01 min
 Lab File: BF085204.D
 Acq: 4 Mar 2016 15:58

Instrument :
 BNA_F
 ClientSampleId :
 PB88682BS

Tgt Ion:142 Resp: 900728
 Ion Ratio Lower Upper
 142 100
 141 90.1 71.7 107.5
 115 35.1 26.2 39.4

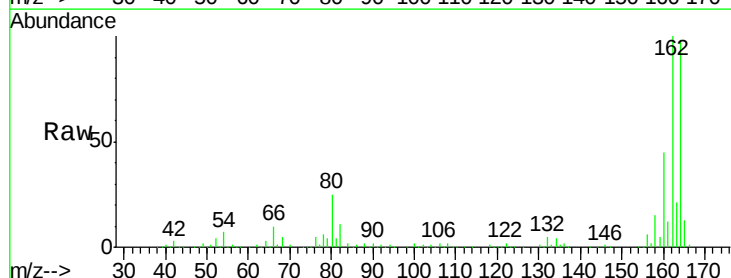


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

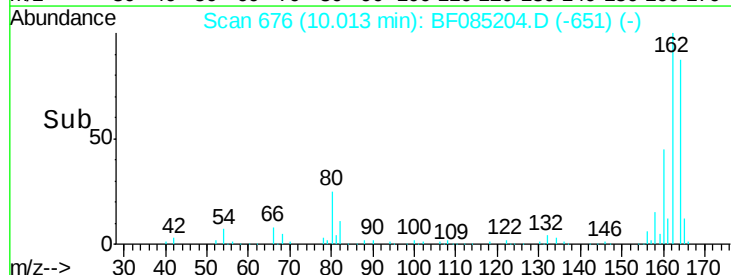
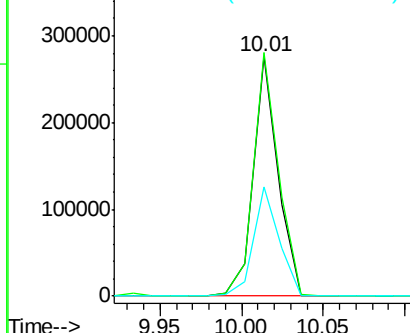


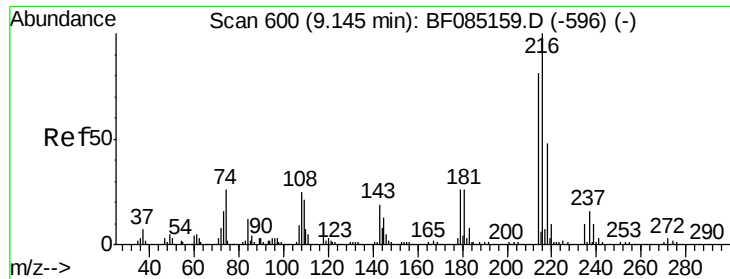
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.01 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF085204.D
 Acq: 4 Mar 2016 15:58

Tgt Ion:164 Resp: 289179
 Ion Ratio Lower Upper
 164 100
 162 101.7 83.3 124.9
 160 45.5 37.9 56.9



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.03 ng

RT: 9.14 min Scan# 600

Delta R.T. 0.00 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

Instrument :

BNA_F

ClientSampleId :

PB88682BS

Tgt Ion:216 Resp: 347632

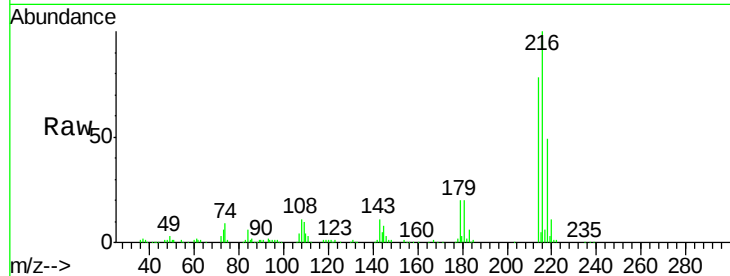
Ion Ratio Lower Upper

216 100

214 79.6 63.8 95.6

179 23.0 19.6 29.4

108 23.2 19.6 29.4

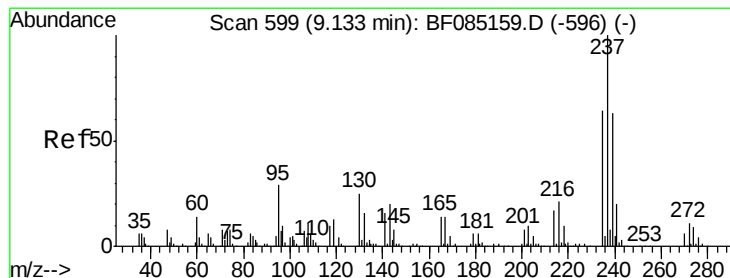
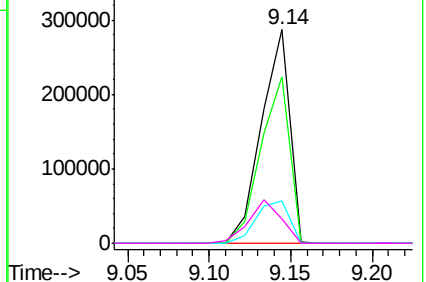
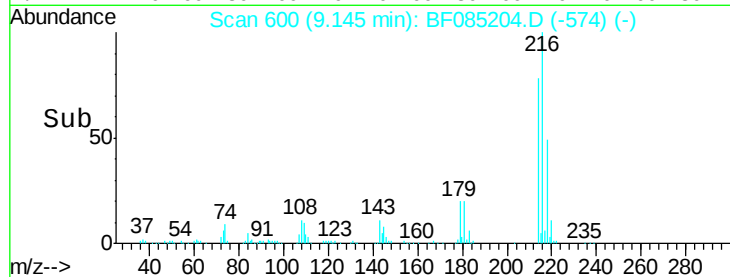


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 89.11 ng

RT: 9.13 min Scan# 599

Delta R.T. 0.00 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

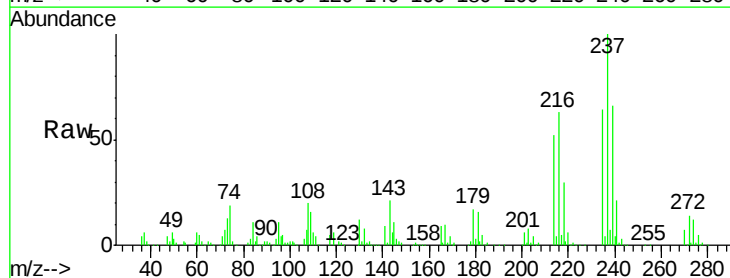
Tgt Ion:237 Resp: 397473

Ion Ratio Lower Upper

237 100

235 63.6 43.7 83.7

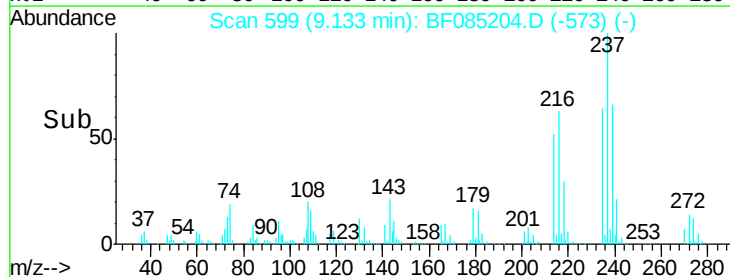
272 14.3 0.0 31.5



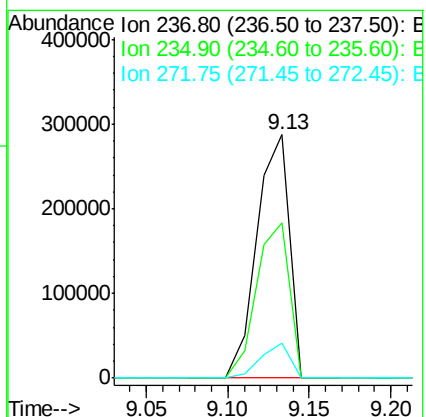
Abundance Ion 236.80 (236.50 to 237.50): E

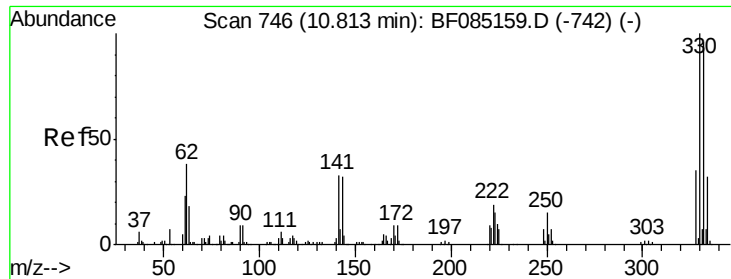
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

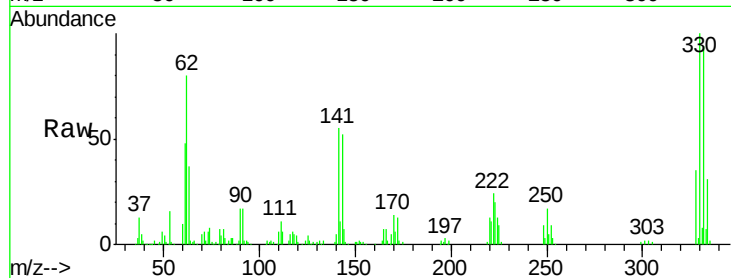




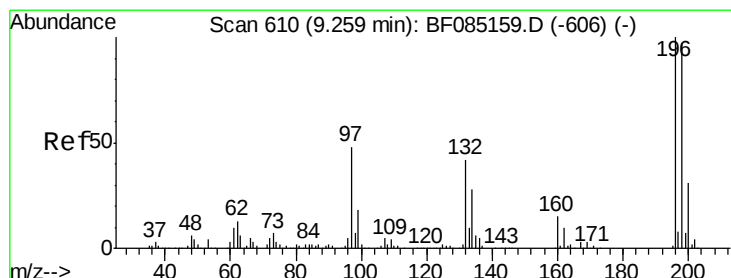
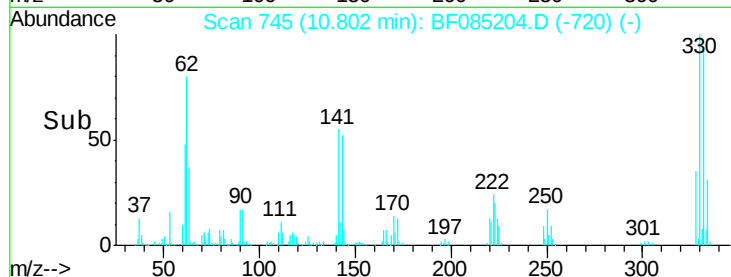
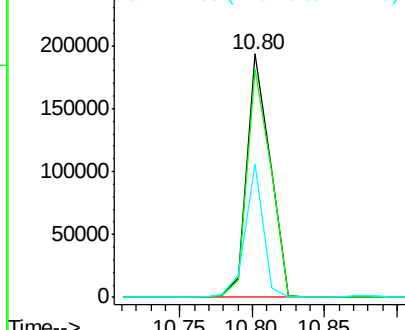
#41
 2,4,6-Tribromophenol
 Concen: 86.57 ng
 RT: 10.80 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF085204.D
 Acq: 4 Mar 2016 15:58

Instrument :
 BNA_F
 ClientSampleId :
 PB88682BS

Tgt Ion:330 Resp: 214197
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.1 115.7
 141 43.1 35.0 52.6

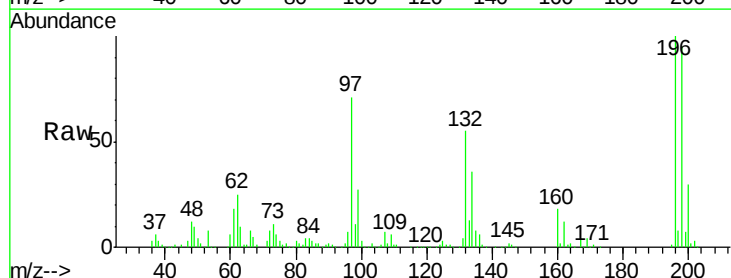


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

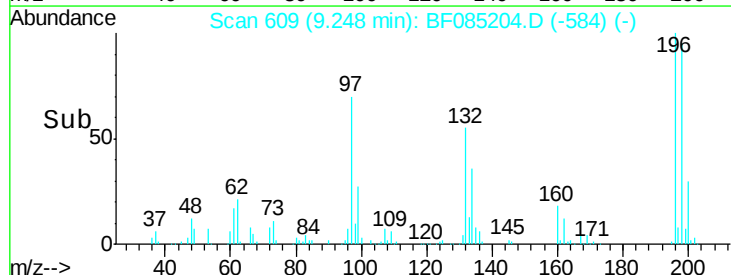
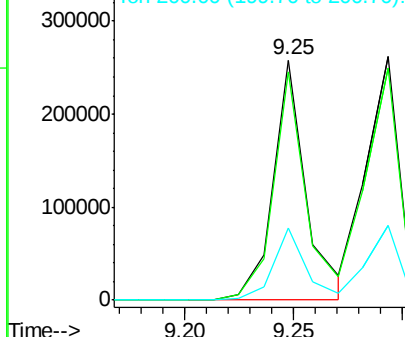


#42
 2,4,6-Trichlorophenol
 Concen: 44.45 ng
 RT: 9.25 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF085204.D
 Acq: 4 Mar 2016 15:58

Tgt Ion:196 Resp: 273658
 Ion Ratio Lower Upper
 196 100
 198 94.8 77.8 116.6
 200 29.9 25.0 37.6



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

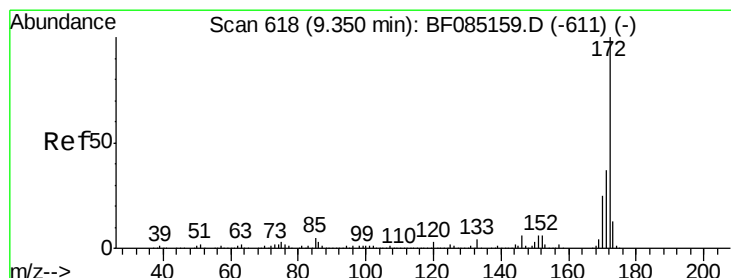
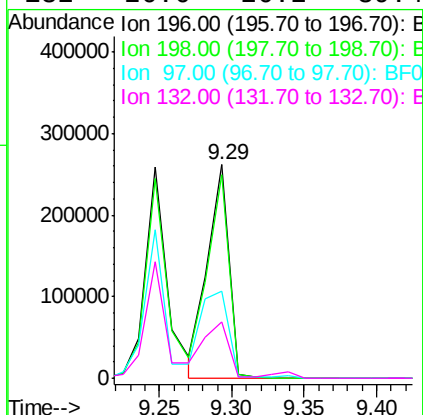
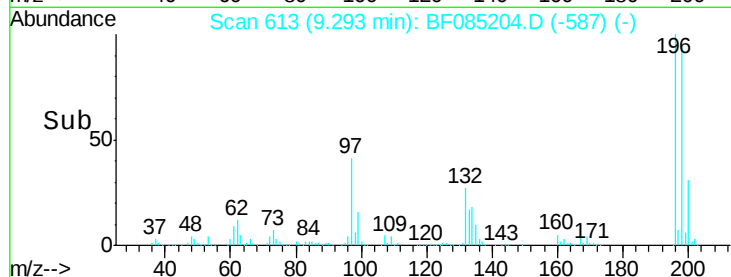
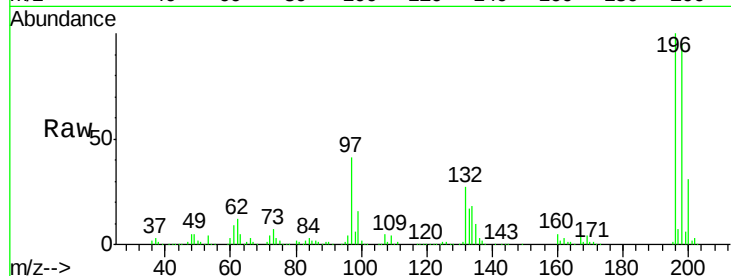




#43
 2,4,5-Trichlorophenol
 Concen: 46.25 ng
 RT: 9.29 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF085204.D
 Acq: 4 Mar 2016 15:58

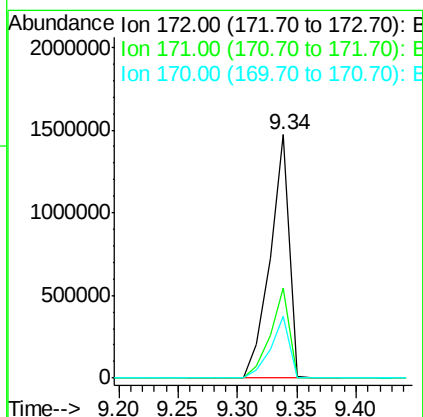
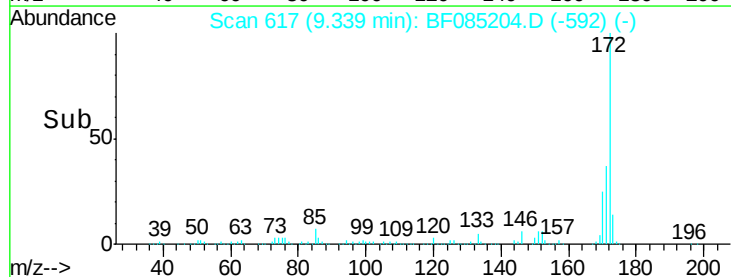
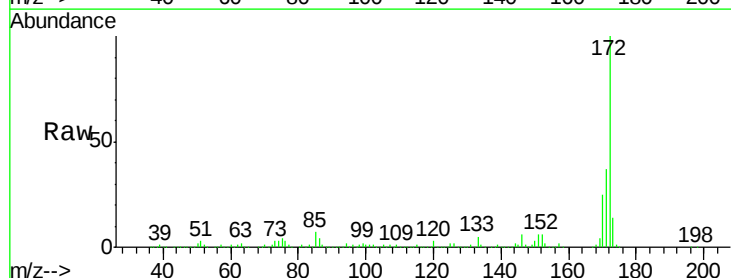
Instrument :
 BNA_F
 ClientSampleId :
 PB88682BS

Tgt Ion:196 Resp: 269942
 Ion Ratio Lower Upper
 196 100
 198 95.2 75.7 113.5
 97 40.5 46.4 69.6#
 132 26.6 26.2 39.4



#44
 2-Fluorobiphenyl
 Concen: 87.16 ng
 RT: 9.34 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF085204.D
 Acq: 4 Mar 2016 15:58

Tgt Ion:172 Resp: 1657289
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.3 43.9
 170 25.2 20.0 30.0





#45

1,1'-Biphenyl

Concen: 42.46 ng

RT: 9.44 min Scan# 626

Delta R.T. 0.00 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

Instrument :

BNA_F

ClientSampleId :

PB88682BS

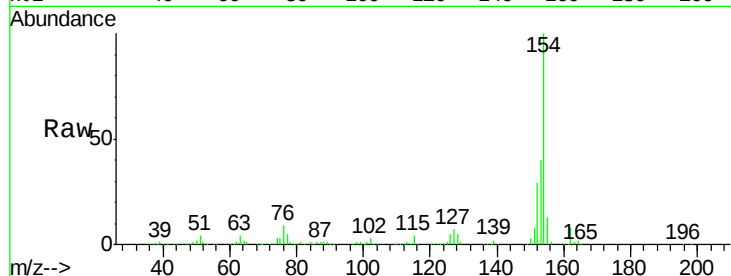
Tgt Ion:154 Resp: 1049019

Ion Ratio Lower Upper

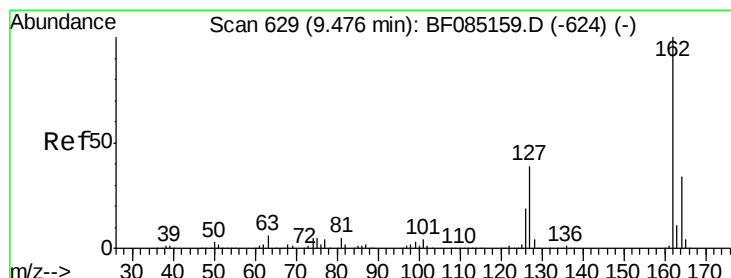
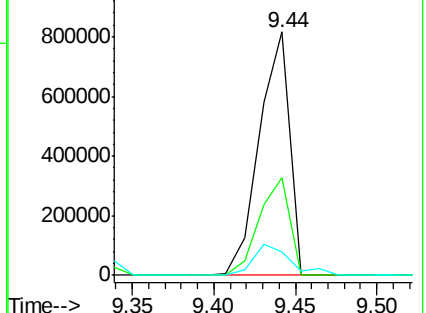
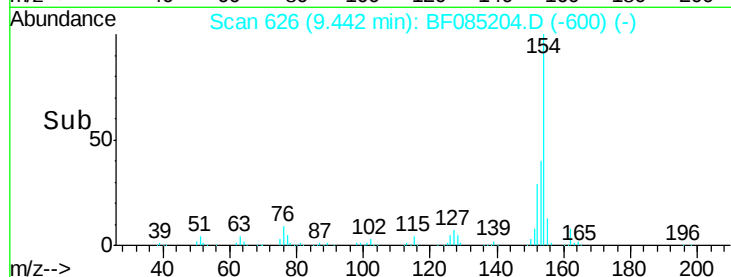
154 100

153 40.3 21.4 61.4

76 9.4 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: 43.65 ng

RT: 9.46 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

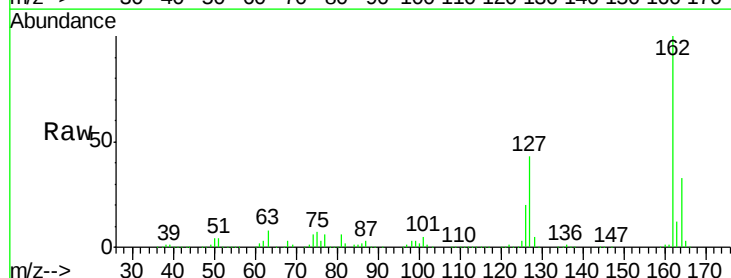
Tgt Ion:162 Resp: 821977

Ion Ratio Lower Upper

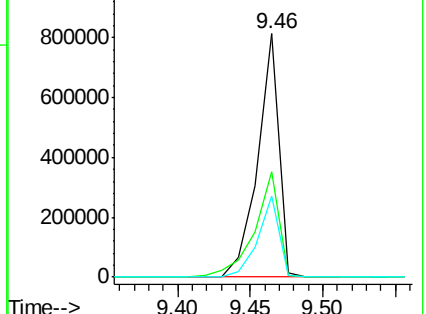
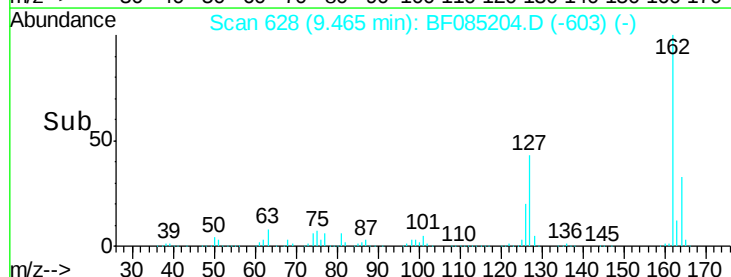
162 100

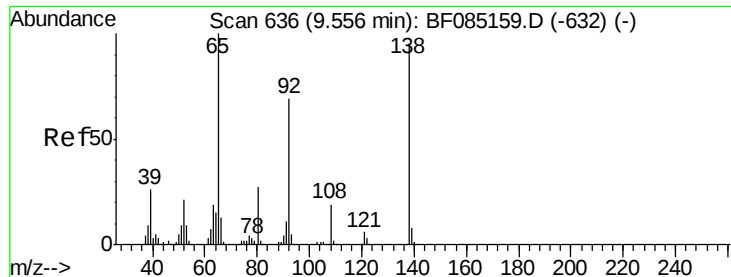
127 43.3 31.6 47.4

164 33.3 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: 46.65 ng

RT: 9.56 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

Instrument :

BNA_F

ClientSampleId :

PB88682BS

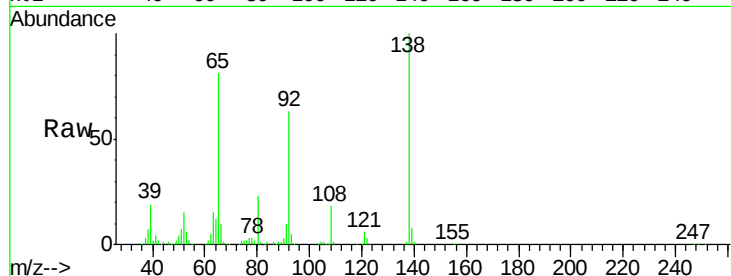
Tgt Ion: 65 Resp: 272226

Ion Ratio Lower Upper

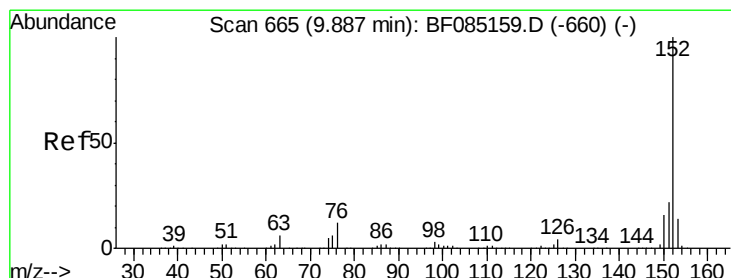
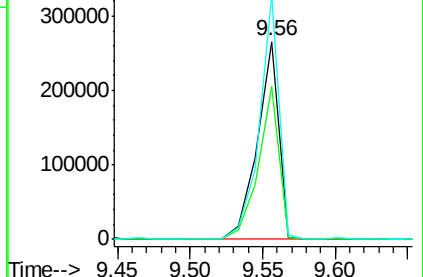
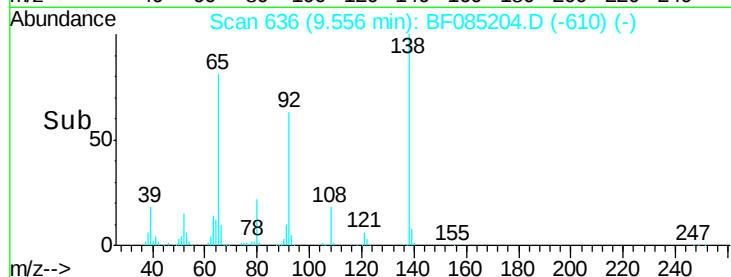
65 100

92 77.3 55.4 83.2

138 123.3 75.7 113.5#



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



#48

Acenaphthylene

Concen: 41.35 ng

RT: 9.88 min Scan# 664

Delta R.T. -0.01 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

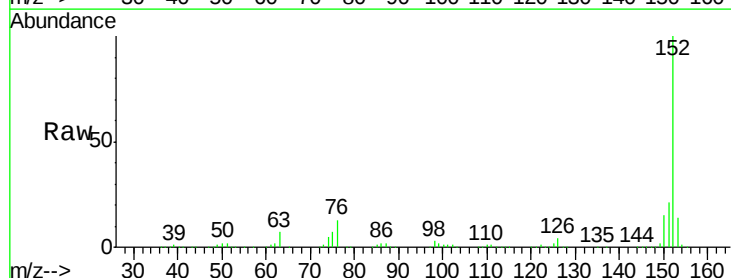
Tgt Ion: 152 Resp: 1212080

Ion Ratio Lower Upper

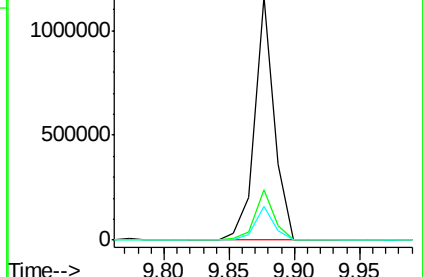
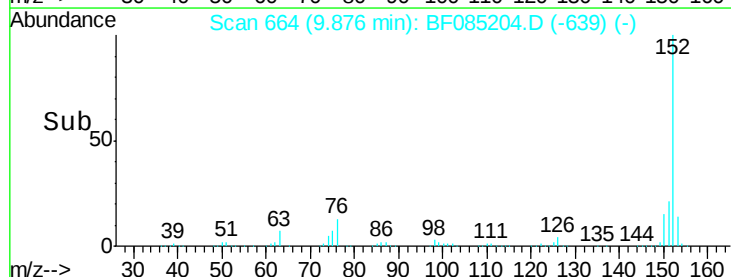
152 100

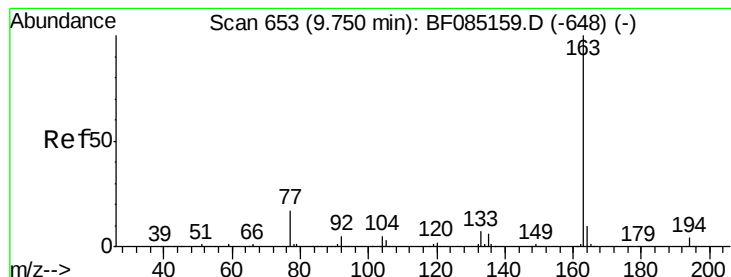
151 20.7 17.5 26.3

153 13.6 11.3 16.9



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





#49

Dimethylphthalate

Concen: 44.23 ng

RT: 9.74 min Scan# 652

Delta R.T. -0.01 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

Instrument :

BNA_F

ClientSampleId :

PB88682BS

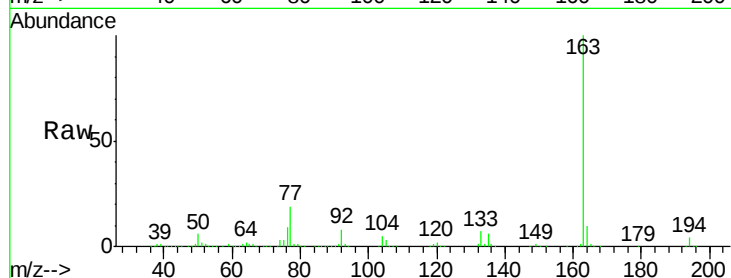
Tgt Ion:163 Resp: 981777

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

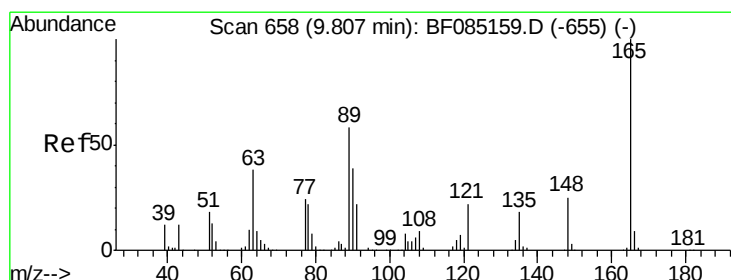
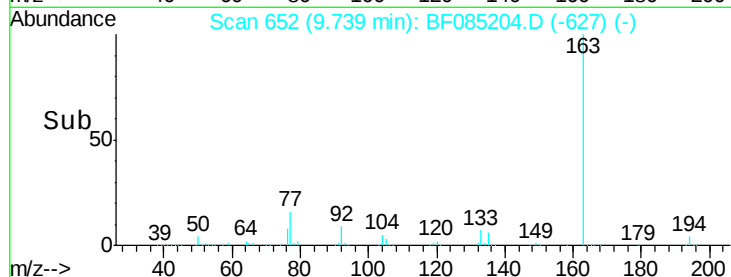
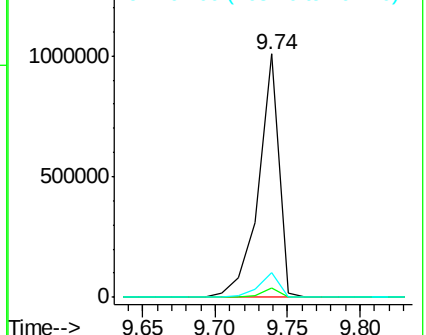
164 10.3 8.2 12.4



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: 41.92 ng

RT: 9.80 min Scan# 657

Delta R.T. -0.01 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

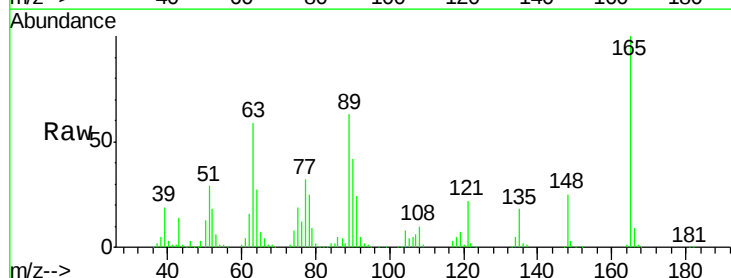
Tgt Ion:165 Resp: 199072

Ion Ratio Lower Upper

165 100

63 59.3 41.8 62.8

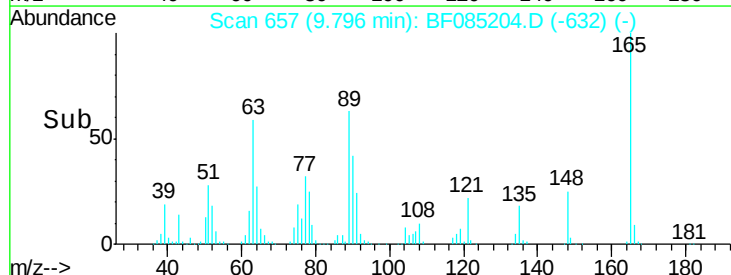
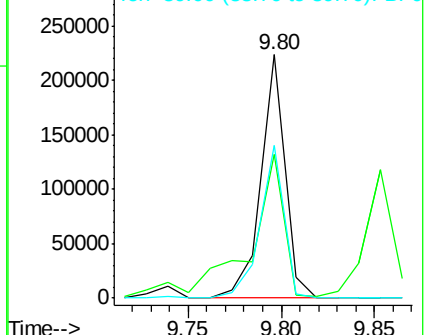
89 62.7 46.7 70.1

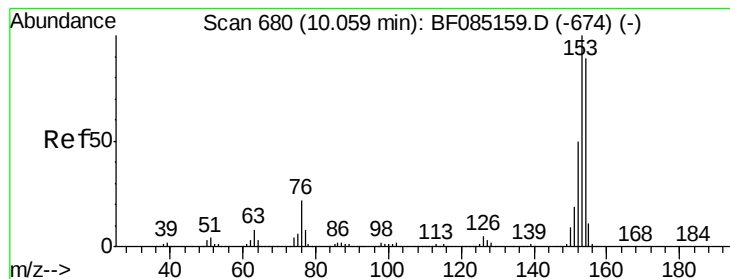


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 44.68 ng

RT: 10.05 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

Instrument :

BNA_F

ClientSampleId :

PB88682BS

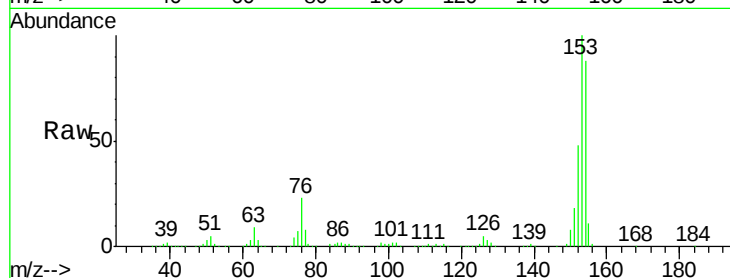
Tgt Ion:154 Resp: 795108

Ion Ratio Lower Upper

154 100

153 113.3 89.8 134.8

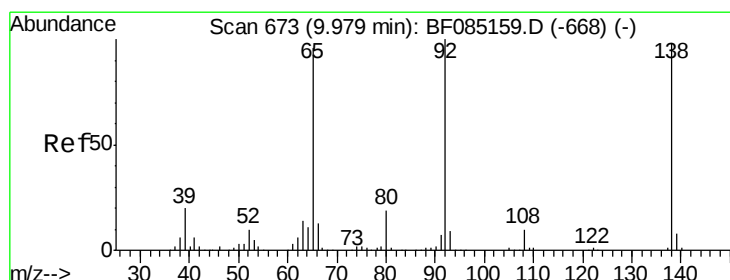
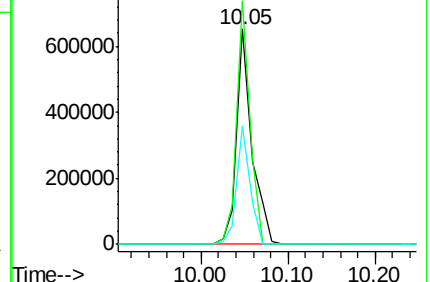
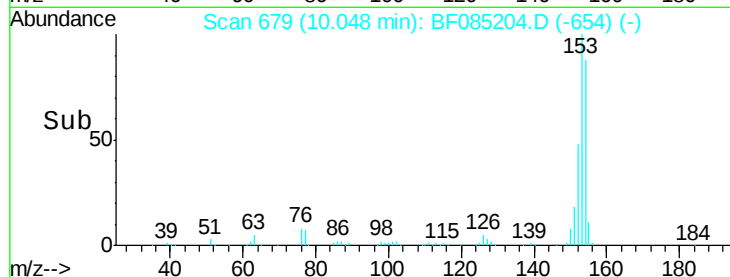
152 54.8 44.6 66.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 15.78 ng

RT: 9.96 min Scan# 671

Delta R.T. -0.02 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

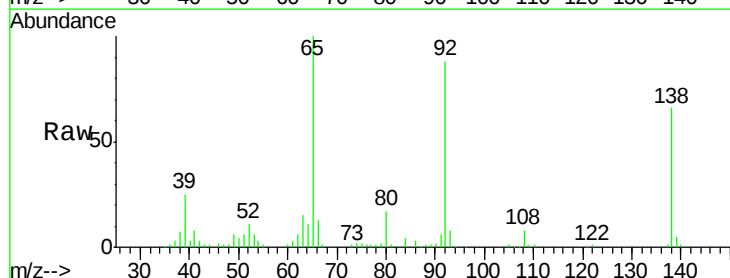
Tgt Ion:138 Resp: 89663

Ion Ratio Lower Upper

138 100

108 11.9 7.8 11.6#

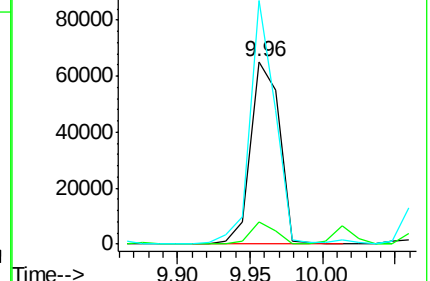
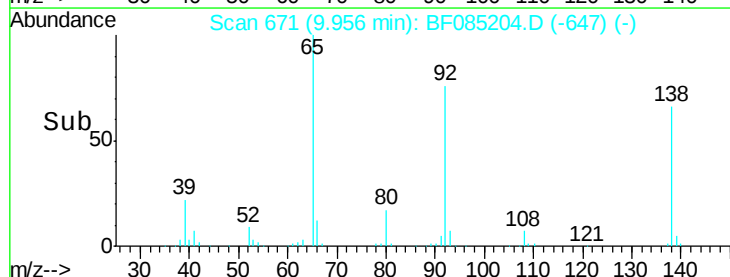
92 133.5 81.3 121.9#

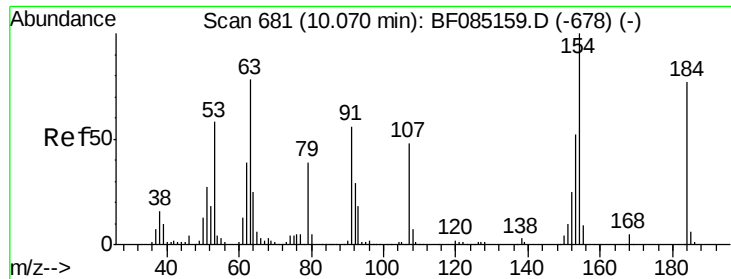


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

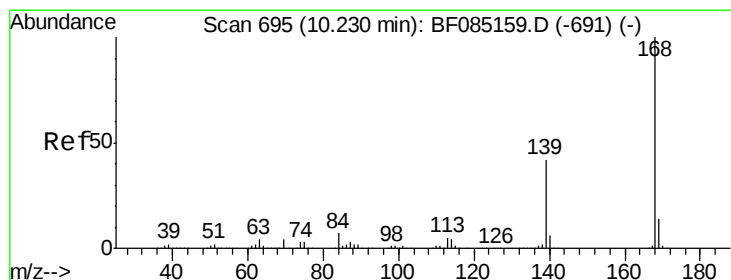
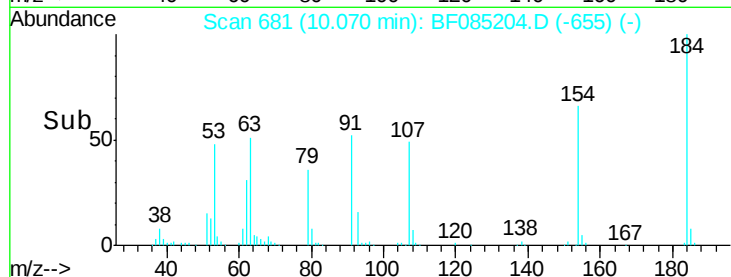
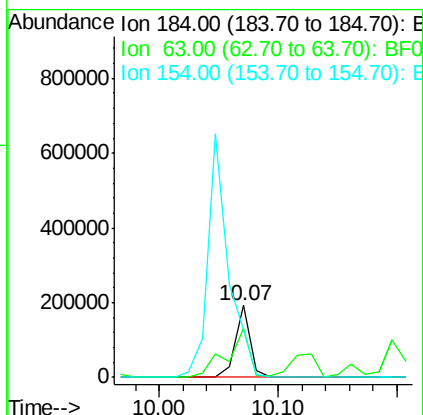
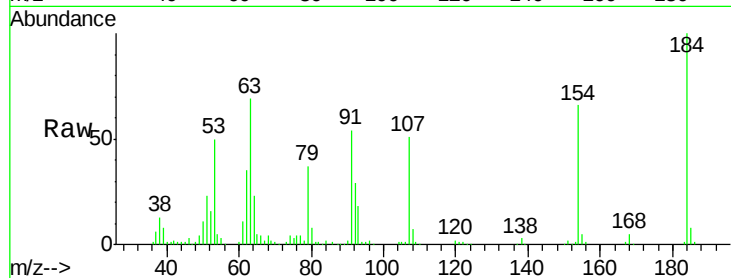




#53
 2,4-Dinitrophenol
 Concen: 70.39 ng
 RT: 10.07 min Scan# 681
 Delta R.T. 0.00 min
 Lab File: BF085204.D
 Acq: 4 Mar 2016 15:58

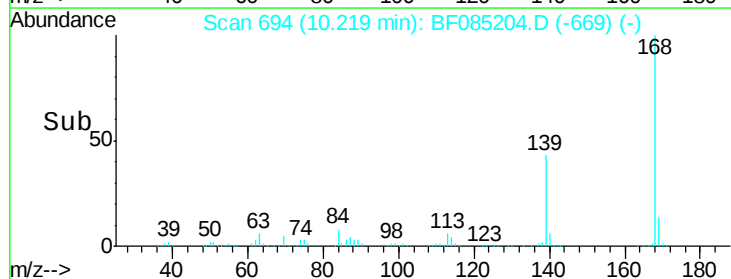
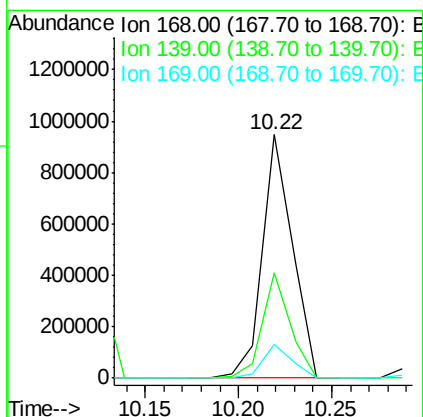
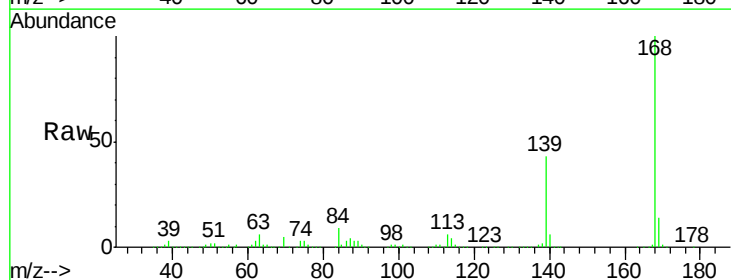
Instrument :
 BNA_F
 ClientSampleId :
 PB88682BS

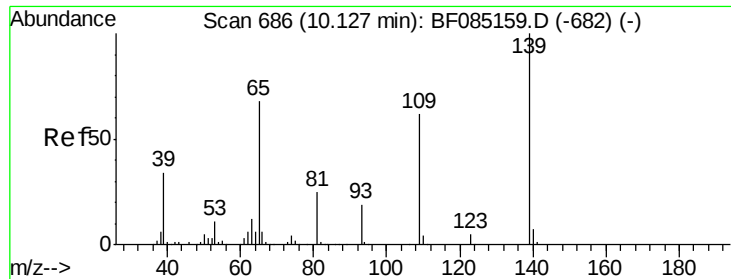
Tgt Ion:184 Resp: 167038
 Ion Ratio Lower Upper
 184 100
 63 69.1 82.2 123.4#
 154 66.3 108.9 163.3#



#54
 Dibenzofuran
 Concen: 44.98 ng
 RT: 10.22 min Scan# 694
 Delta R.T. -0.01 min
 Lab File: BF085204.D
 Acq: 4 Mar 2016 15:58

Tgt Ion:168 Resp: 1048755
 Ion Ratio Lower Upper
 168 100
 139 43.0 33.6 50.4
 169 14.0 11.2 16.8

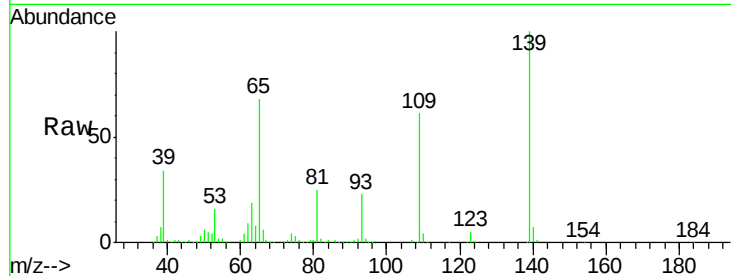




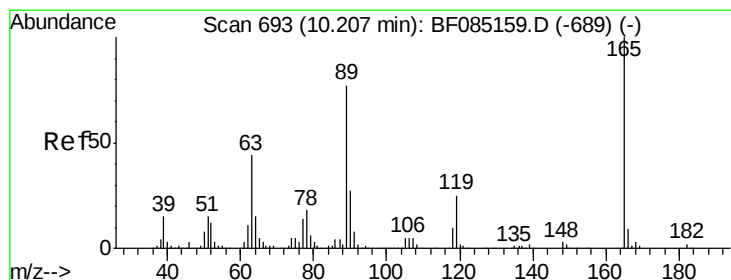
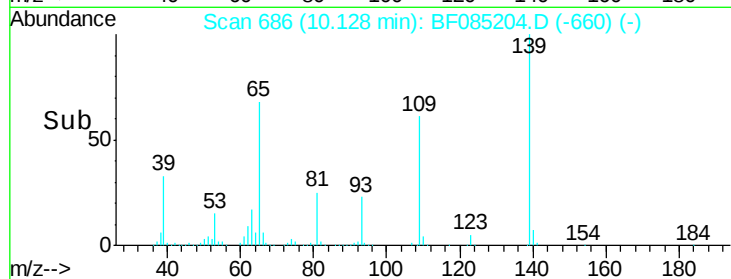
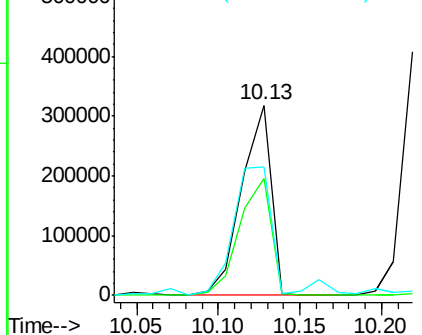
#55
4-Nitrophenol
Concen: 89.22 ng
RT: 10.13 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF085204.D
Acq: 4 Mar 2016 15:58

Instrument :
BNA_F
ClientSampleId :
PB88682BS

Tgt Ion:139 Resp: 398312
Ion Ratio Lower Upper
139 100
109 61.3 41.9 81.9
65 67.7 48.3 88.3

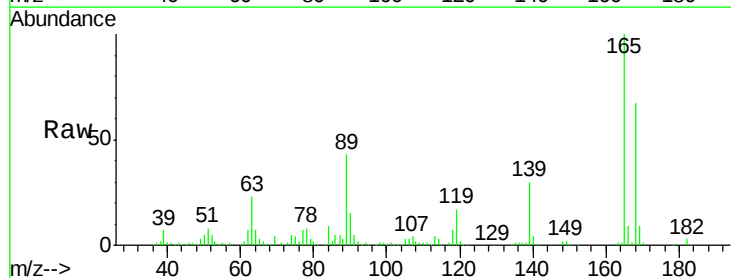


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

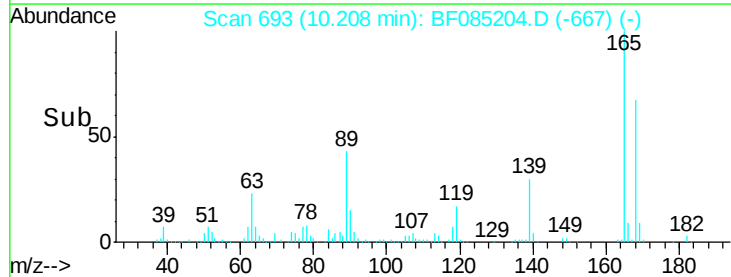
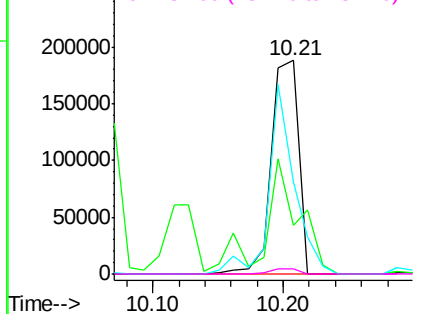


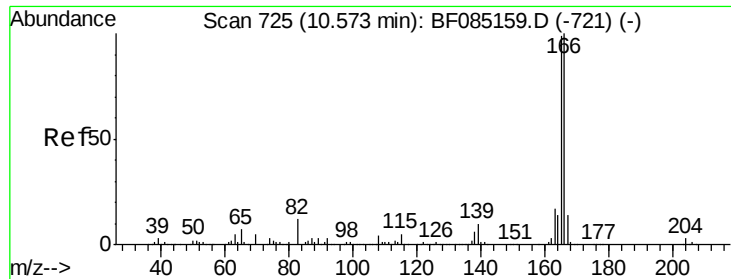
#56
2,4-Dinitrotoluene
Concen: 45.36 ng
RT: 10.21 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF085204.D
Acq: 4 Mar 2016 15:58

Tgt Ion:165 Resp: 275621
Ion Ratio Lower Upper
165 100
63 22.7 35.4 53.0#
89 43.1 61.9 92.9#
182 2.6 1.9 2.9



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





#57

Fluorene

Concen: 42.79 ng

RT: 10.56 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

Instrument :

BNA_F

ClientSampleId :

PB88682BS

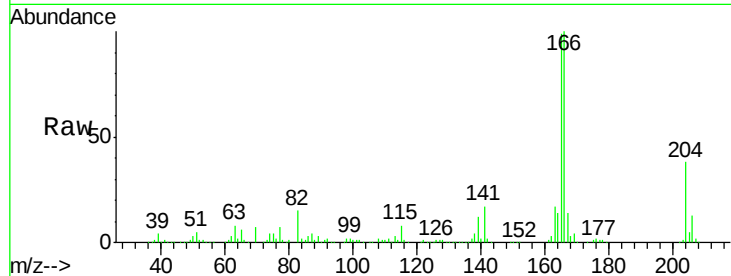
Tgt Ion:166 Resp: 783761

Ion Ratio Lower Upper

166 100

165 98.5 79.4 119.0

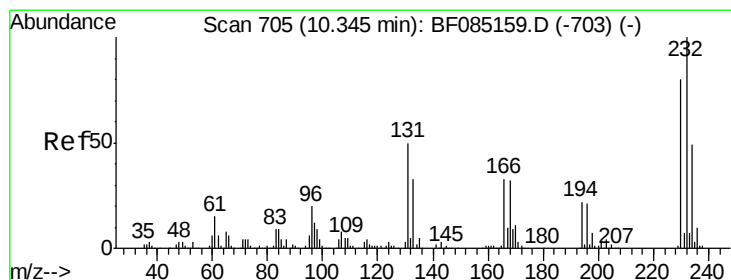
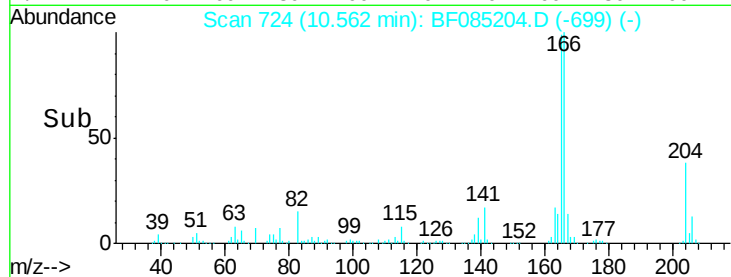
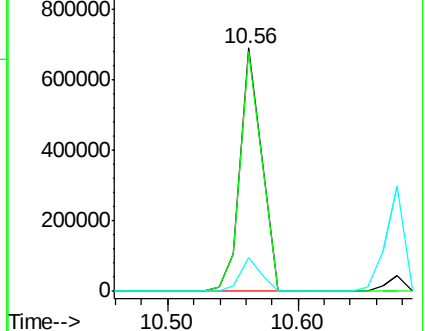
167 13.9 11.0 16.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.08 ng

RT: 10.33 min Scan# 704

Delta R.T. -0.01 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

Tgt Ion:232 Resp: 184865

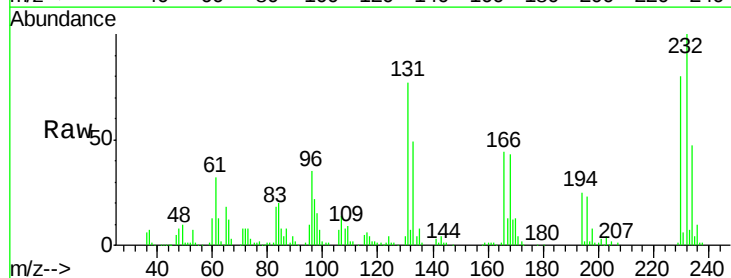
Ion Ratio Lower Upper

232 100

131 57.1 46.0 69.0

130 2.6 2.2 3.4

166 35.5 28.8 43.2

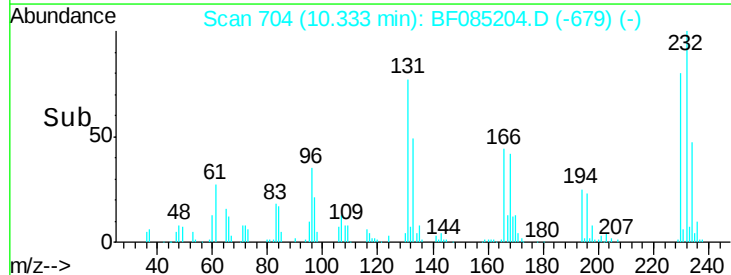
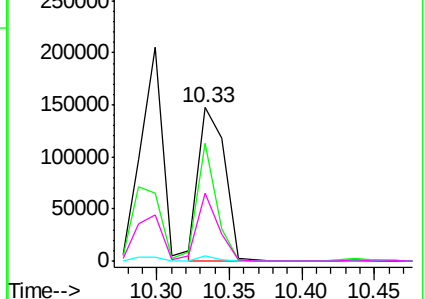


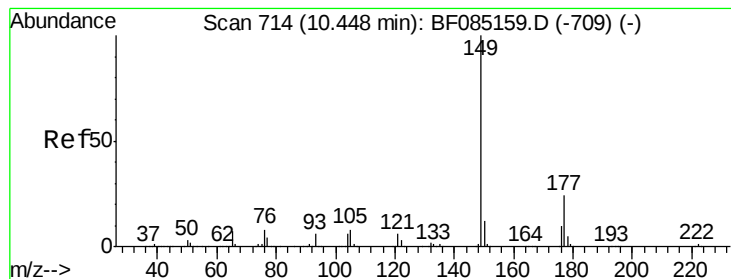
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 43.69 ng

RT: 10.44 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

Instrument :

BNA_F

ClientSampleId :

PB88682BS

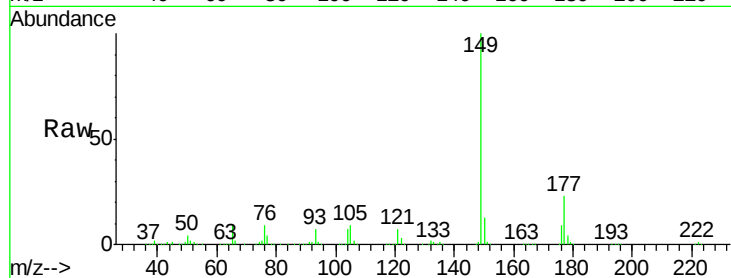
Tgt Ion:149 Resp: 940947

Ion Ratio Lower Upper

149 100

177 22.8 19.2 28.8

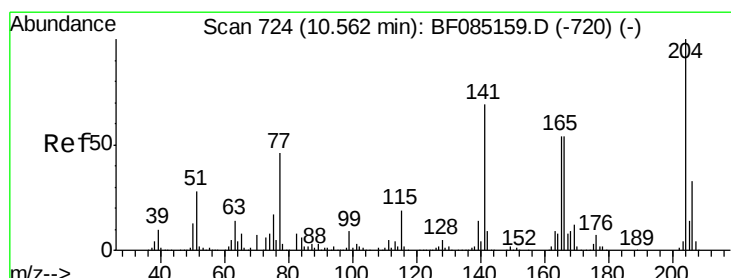
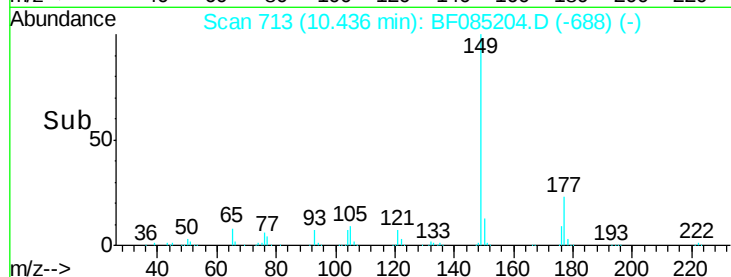
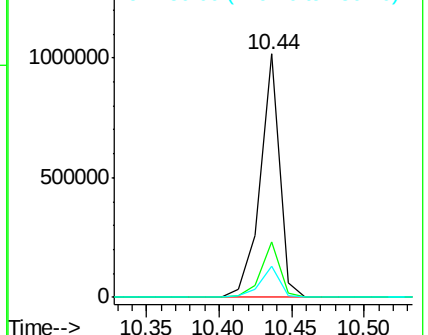
150 12.8 9.9 14.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 43.15 ng

RT: 10.55 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

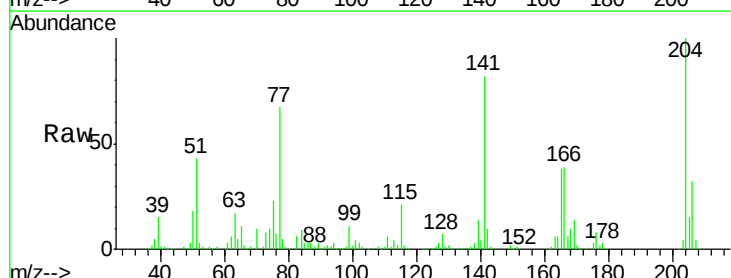
Tgt Ion:204 Resp: 384469

Ion Ratio Lower Upper

204 100

206 31.9 26.5 39.7

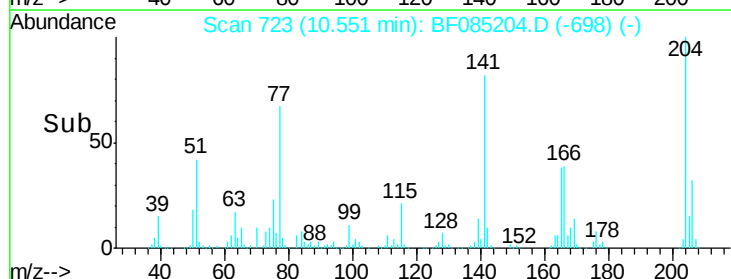
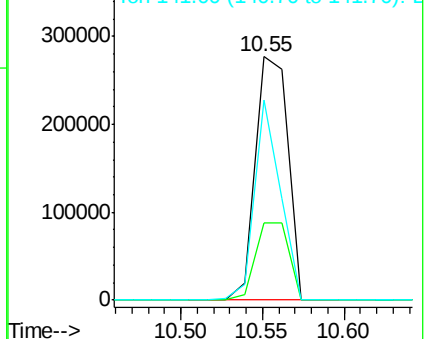
141 82.1 55.4 83.2

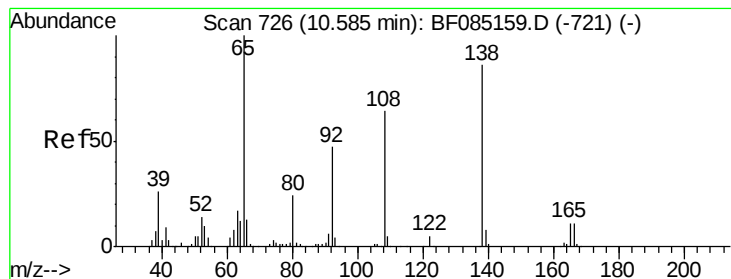


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 40.53 ng

RT: 10.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

Instrument :

BNA_F

ClientSampleId :

PB88682BS

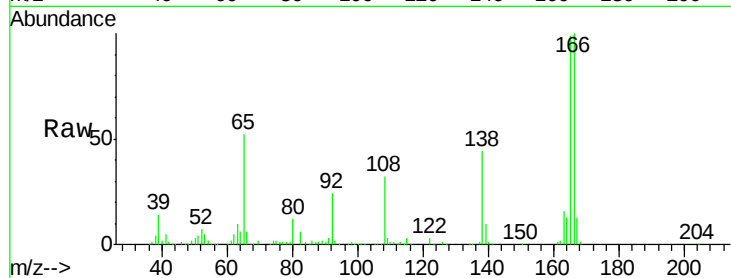
Tgt Ion:138 Resp: 215365

Ion Ratio Lower Upper

138 100

92 53.7 34.2 74.2

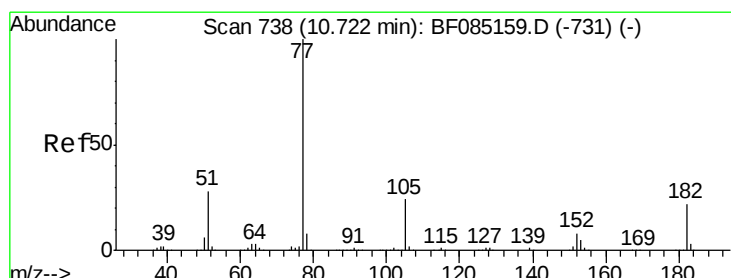
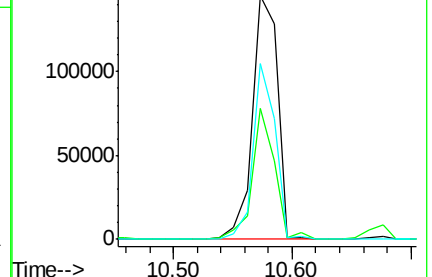
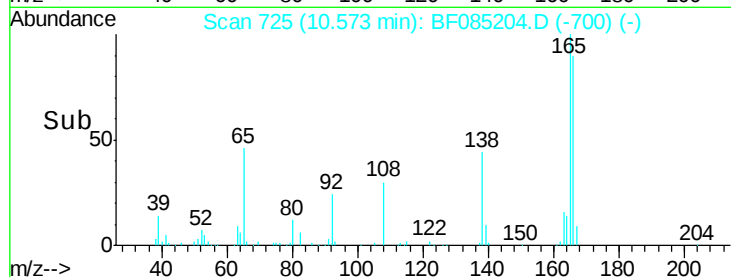
108 72.4 53.9 93.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 46.33 ng

RT: 10.71 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

Tgt Ion: 77 Resp: 983196

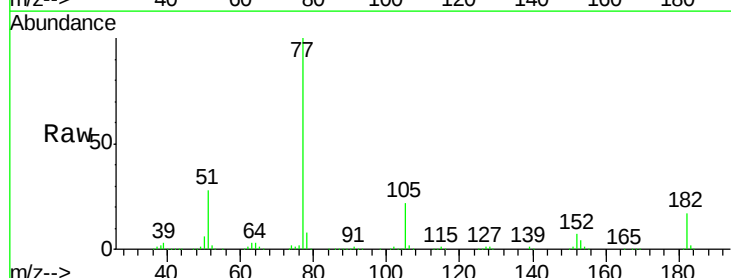
Ion Ratio Lower Upper

77 100

182 17.4 2.1 42.1

105 22.1 3.8 43.8

51 28.4 7.8 47.8

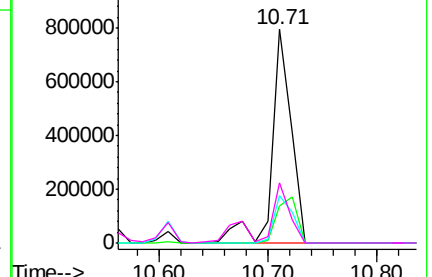
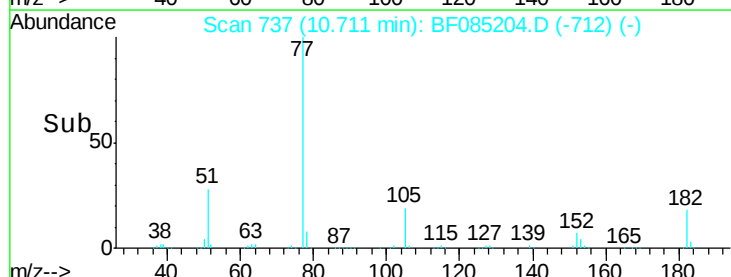


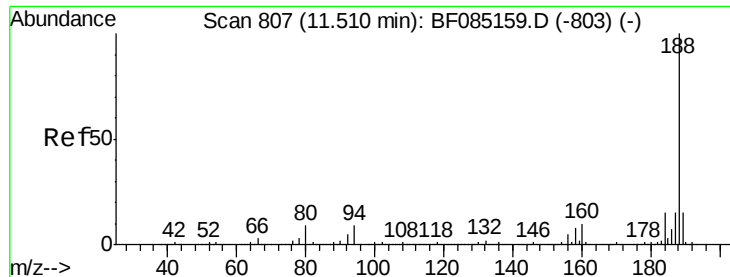
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

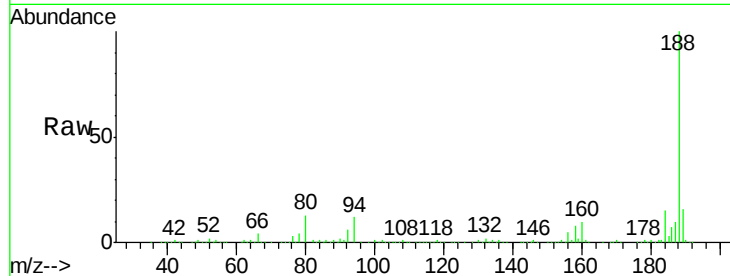




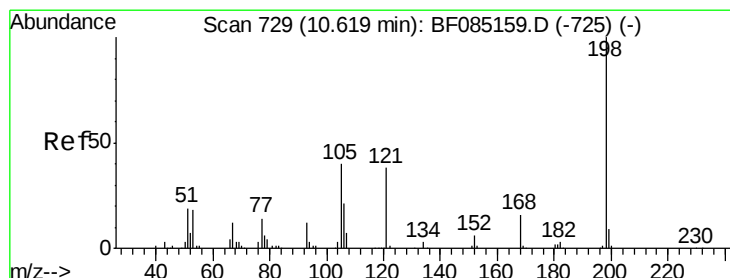
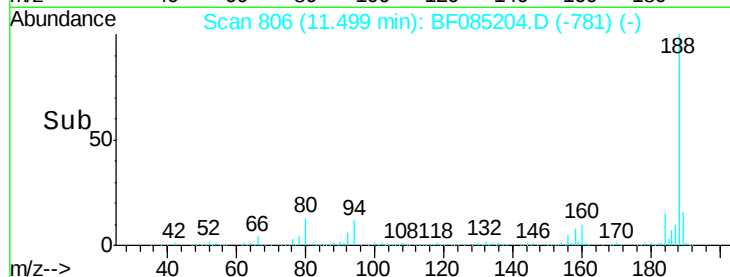
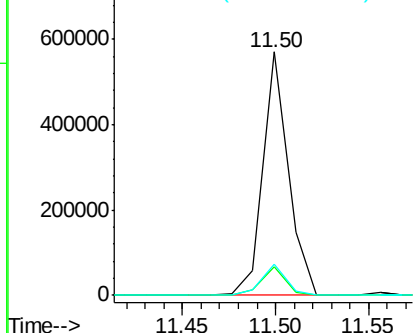
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.50 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF085204.D
 Acq: 4 Mar 2016 15:58

Instrument :
 BNA_F
 ClientSampleId :
 PB88682BS

Tgt Ion:188 Resp: 535795
 Ion Ratio Lower Upper
 188 100
 94 11.7 7.0 10.6#
 80 12.7 7.4 11.0#

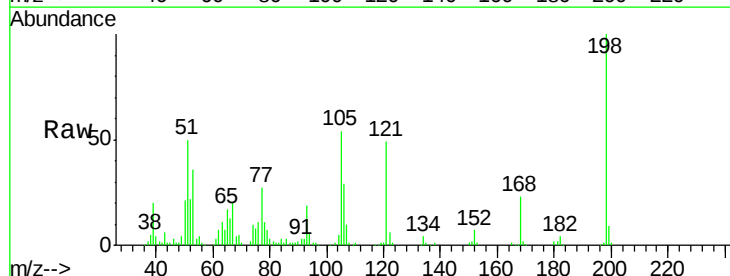


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

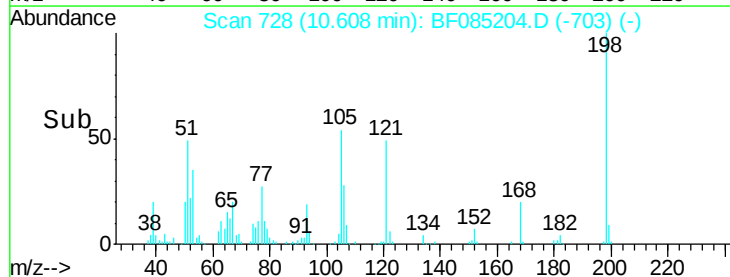
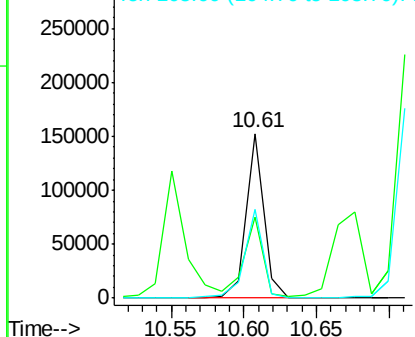


#64
 4,6-Dinitro-2-methylphenol
 Concen: 40.40 ng
 RT: 10.61 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: BF085204.D
 Acq: 4 Mar 2016 15:58

Tgt Ion:198 Resp: 129595
 Ion Ratio Lower Upper
 198 100
 51 49.7 9.5 49.5#
 105 53.7 20.5 60.5



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

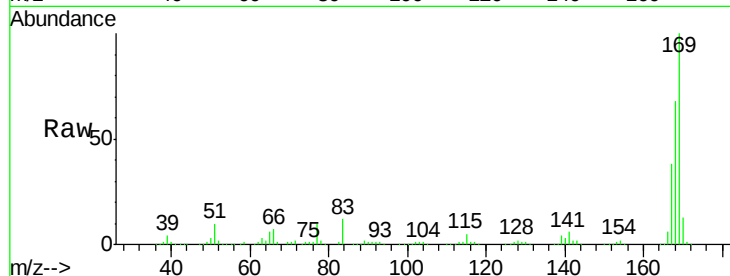




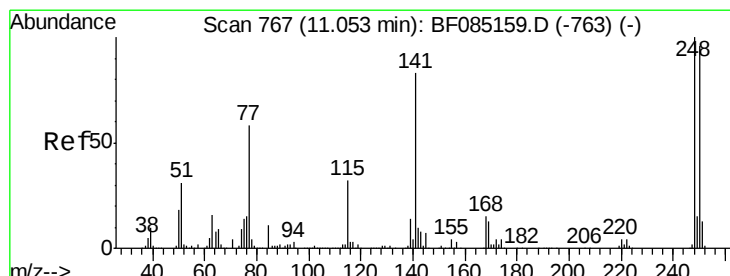
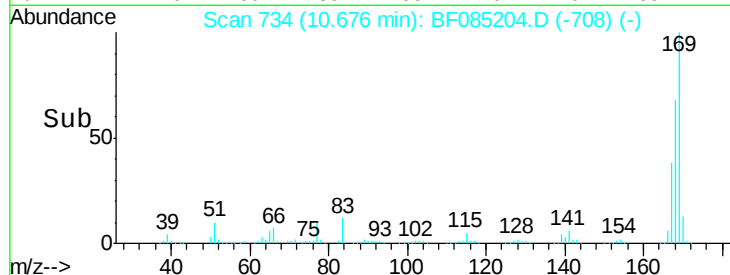
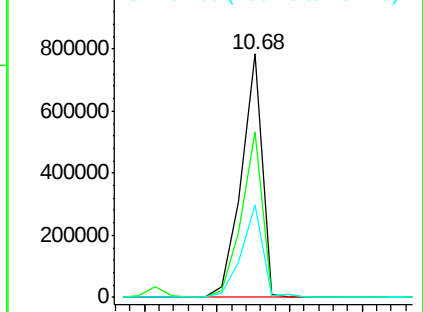
#65
 n-Nitrosodiphenylamine
 Concen: 46.73 ng
 RT: 10.68 min Scan# 734
 Delta R.T. 0.00 min
 Lab File: BF085204.D
 Acq: 4 Mar 2016 15:58

Instrument :
 BNA_F
 ClientSampleId :
 PB88682BS

Tgt Ion:169 Resp: 778795
 Ion Ratio Lower Upper
 169 100
 168 67.9 54.8 82.2
 167 38.1 30.3 45.5

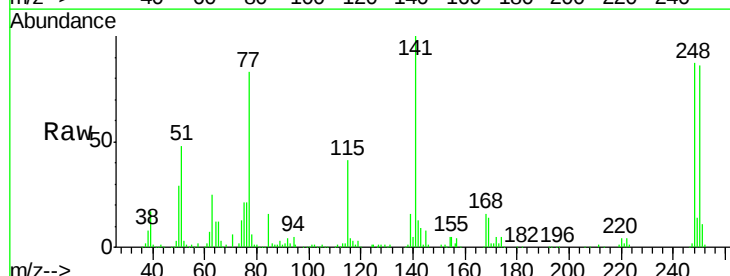


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

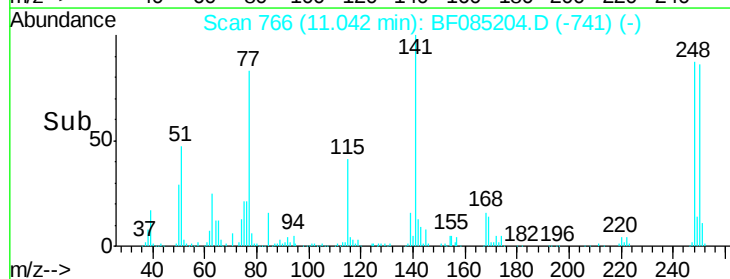
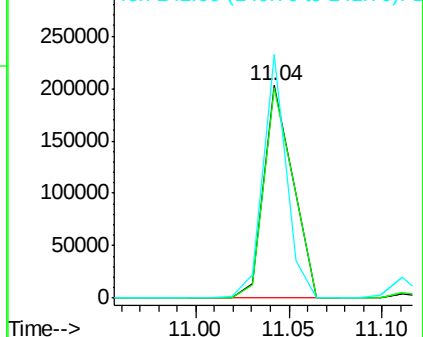


#66
 4-Bromophenyl-phenylether
 Concen: 41.69 ng
 RT: 11.04 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: BF085204.D
 Acq: 4 Mar 2016 15:58

Tgt Ion:248 Resp: 216914
 Ion Ratio Lower Upper
 248 100
 250 99.0 77.1 115.7
 141 114.6 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

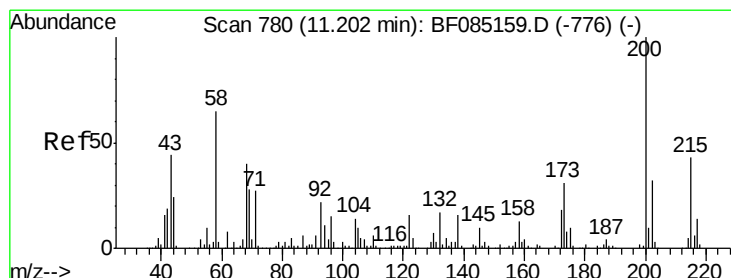
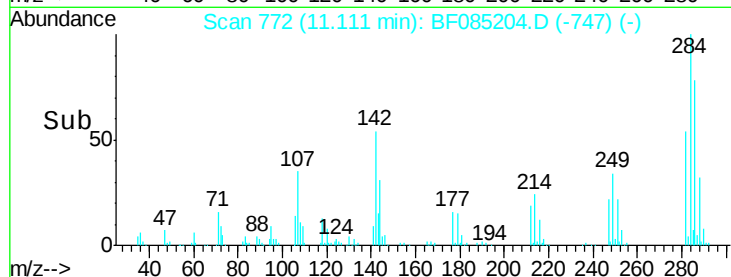
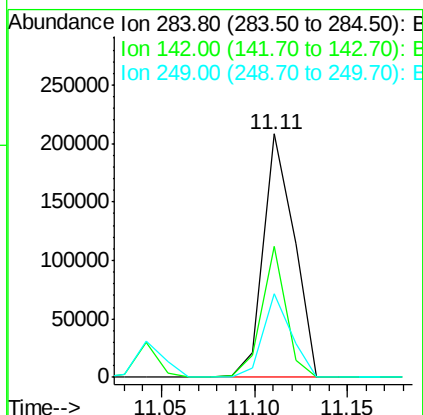
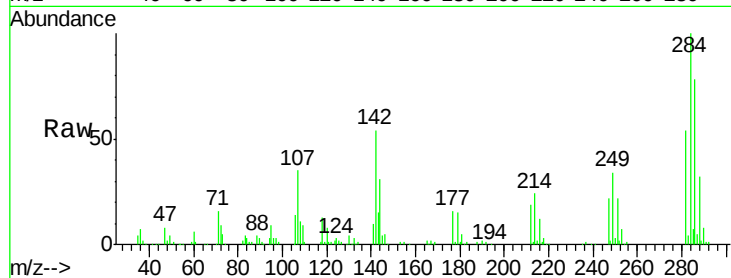




#67
Hexachlorobenzene
Concen: 42.68 ng
RT: 11.11 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF085204.D
Acq: 4 Mar 2016 15:58

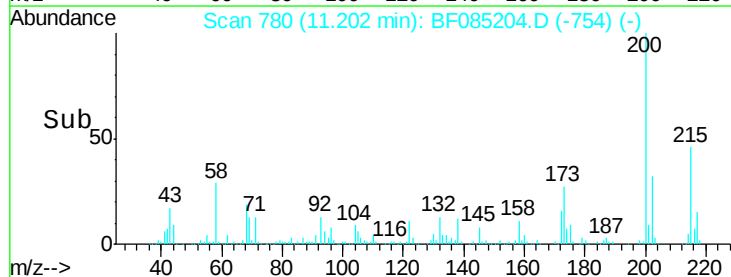
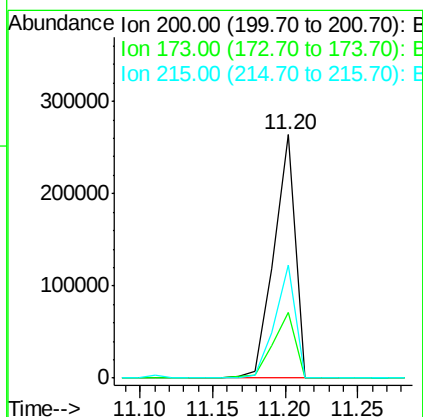
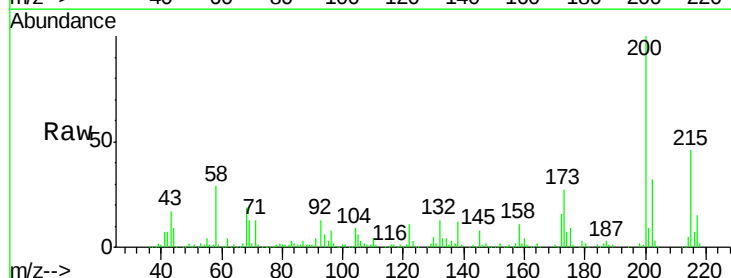
Instrument :
BNA_F
ClientSampleId :
PB88682BS

Tgt Ion:284 Resp: 236864
Ion Ratio Lower Upper
284 100
142 53.9 24.9 37.3#
249 34.5 25.0 37.4



#68
Atrazine
Concen: 58.06 ng
RT: 11.20 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF085204.D
Acq: 4 Mar 2016 15:58

Tgt Ion:200 Resp: 269073
Ion Ratio Lower Upper
200 100
173 26.8 10.5 50.5
215 46.4 23.4 63.4

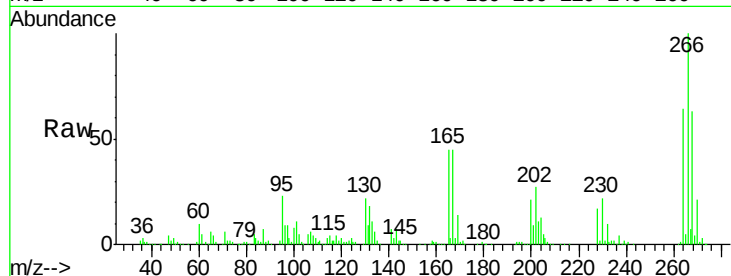




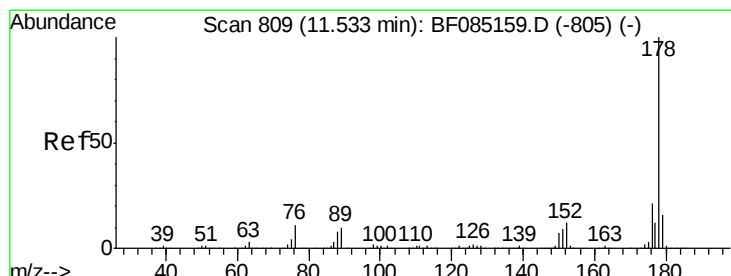
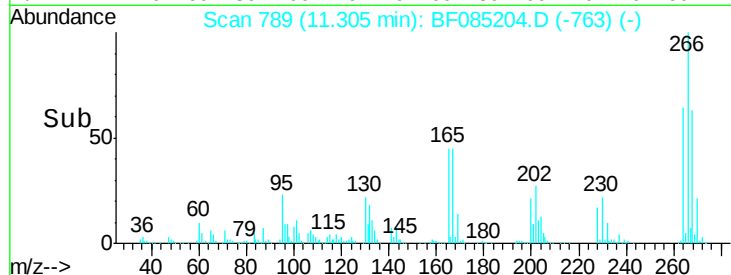
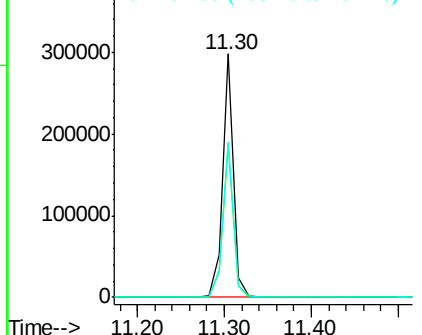
#69
 Pentachlorophenol
 Concen: 84.92 ng
 RT: 11.30 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF085204.D
 Acq: 4 Mar 2016 15:58

Instrument :
 BNA_F
 ClientSampleId :
 PB88682BS

Tgt Ion:266 Resp: 261620
 Ion Ratio Lower Upper
 266 100
 268 62.7 50.0 75.0
 264 63.9 51.4 77.2

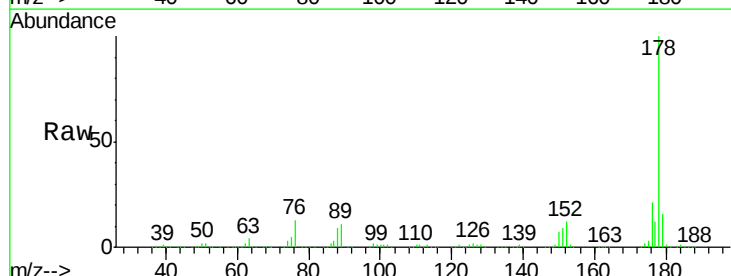


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

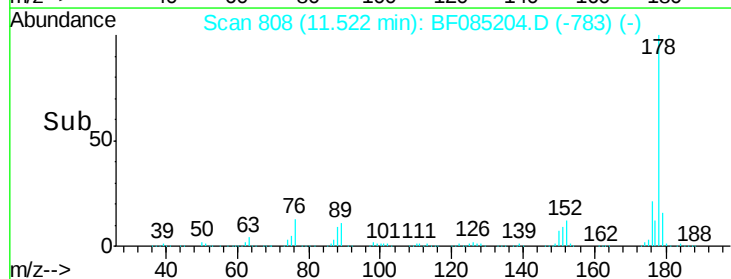
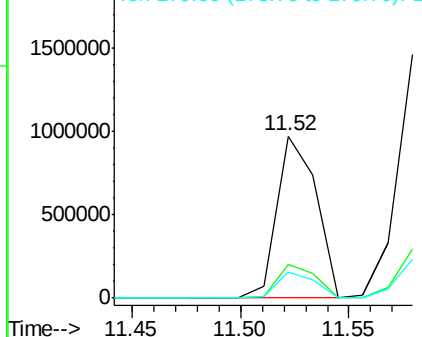


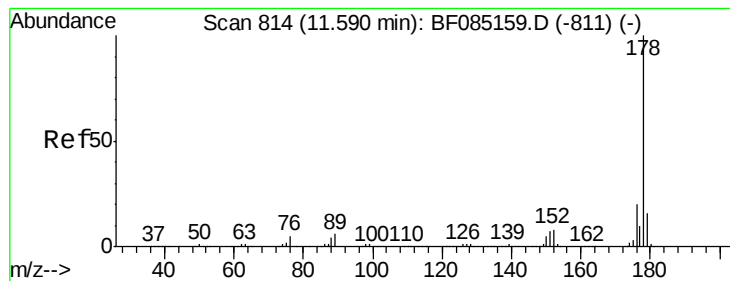
#70
 Phenanthrene
 Concen: 43.63 ng
 RT: 11.52 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF085204.D
 Acq: 4 Mar 2016 15:58

Tgt Ion:178 Resp: 1225211
 Ion Ratio Lower Upper
 178 100
 176 20.5 16.8 25.2
 179 16.1 13.1 19.7



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





#71

Anthracene

Concen: 42.95 ng

RT: 11.58 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

Instrument :

BNA_F

ClientSampleId :

PB88682BS

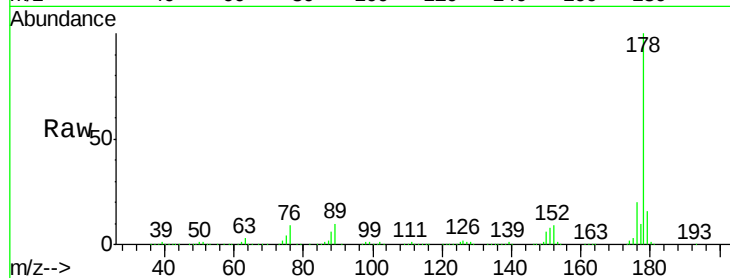
Tgt Ion:178 Resp: 1280192

Ion Ratio Lower Upper

178 100

176 20.0 15.9 23.9

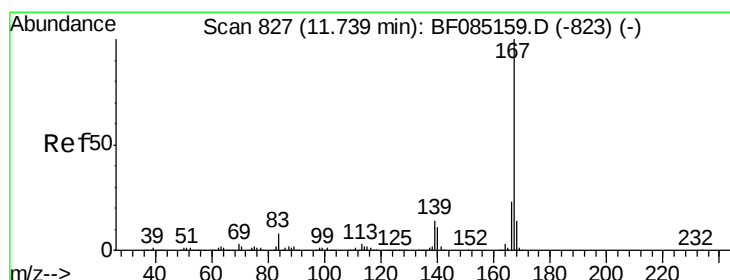
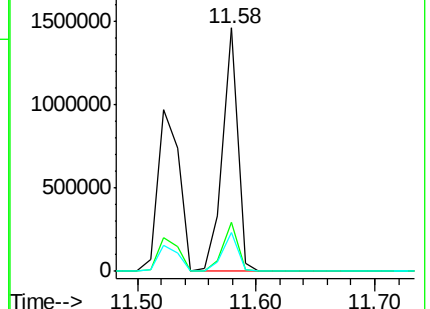
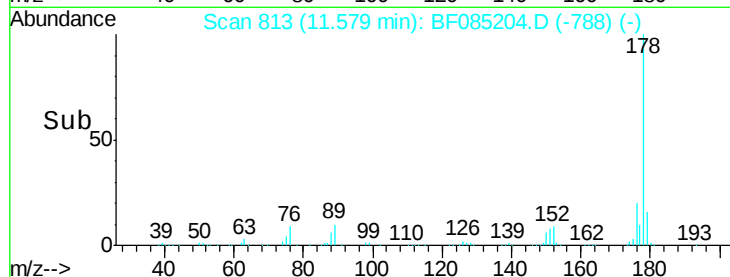
179 16.0 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 39.93 ng

RT: 11.73 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

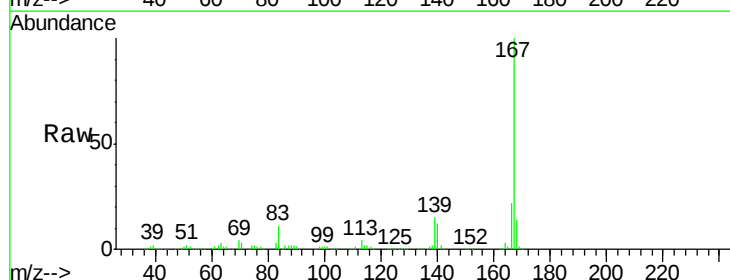
Tgt Ion:167 Resp: 1043634

Ion Ratio Lower Upper

167 100

166 22.2 18.2 27.2

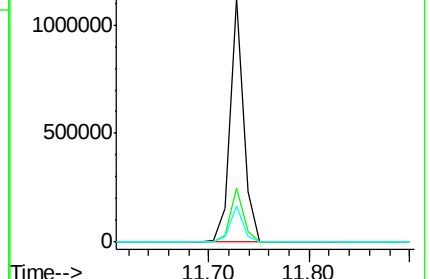
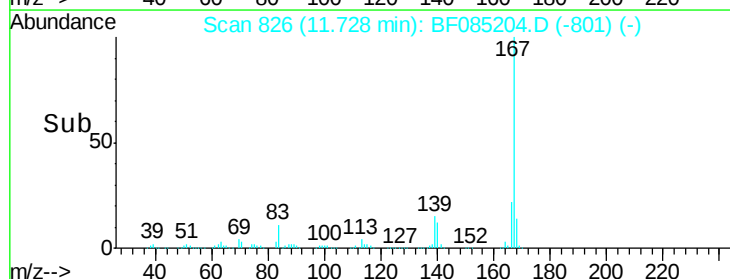
139 15.1 11.4 17.0

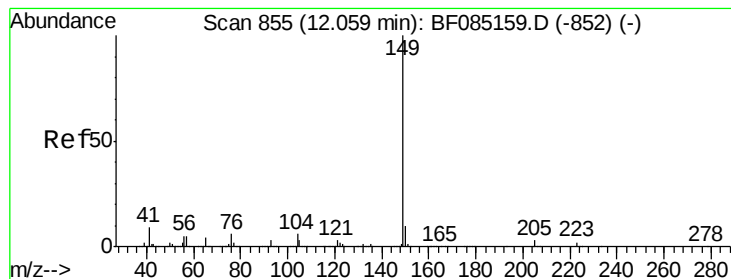


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.43 ng

RT: 12.06 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

Instrument :

BNA_F

ClientSampleId :

PB88682BS

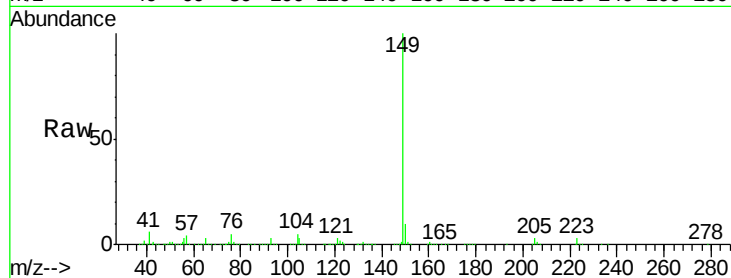
Tgt Ion:149 Resp: 1434912

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

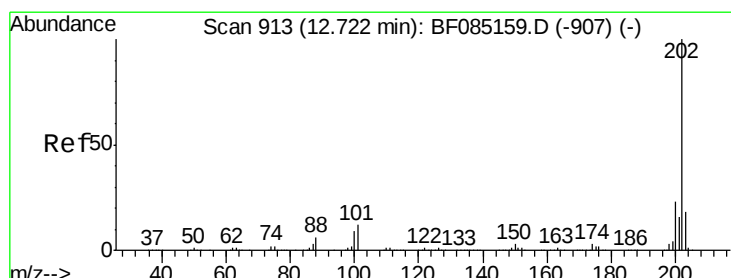
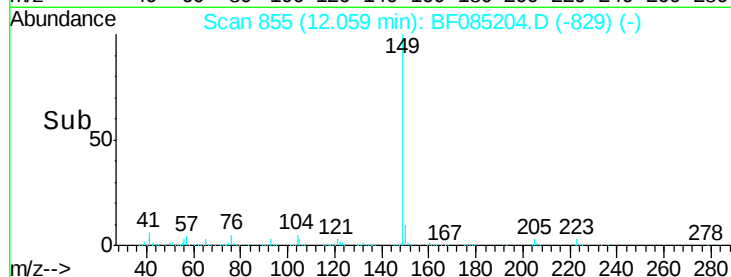
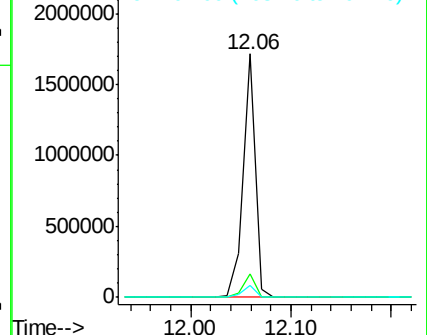
104 5.1 4.7 7.1



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: 40.42 ng

RT: 12.71 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

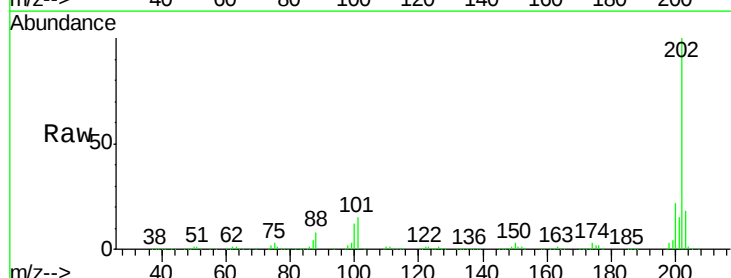
Tgt Ion:202 Resp: 1138882

Ion Ratio Lower Upper

202 100

101 15.3 0.0 31.8

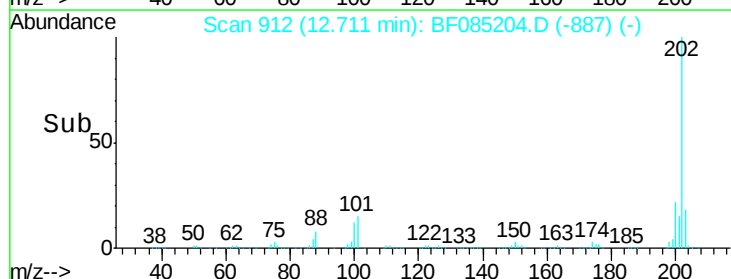
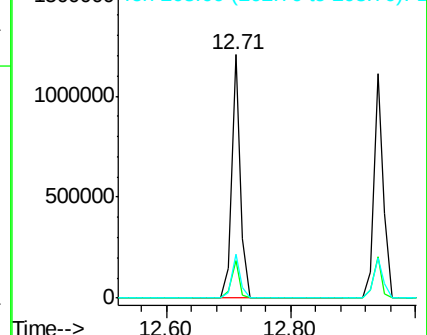
203 18.1 0.0 38.4

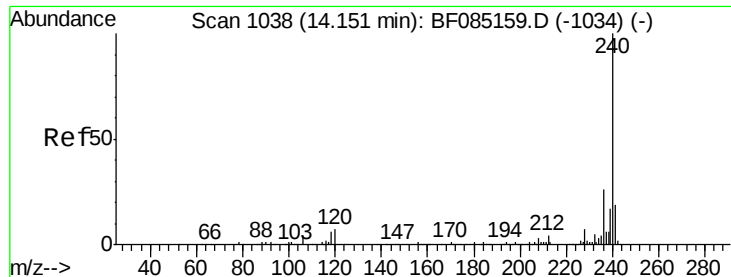


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF085204.D

Acq: 4 Mar 2016 15:58

Instrument :

BNA_F

ClientSampleId :

PB88682BS

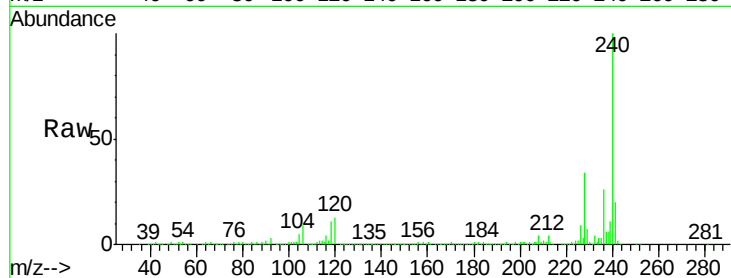
Tgt Ion:240 Resp: 408226

Ion Ratio Lower Upper

240 100

120 12.7 5.3 7.9#

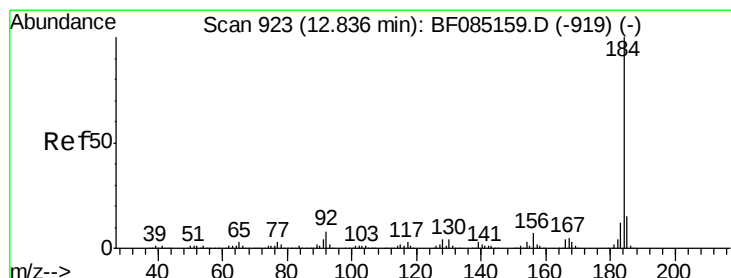
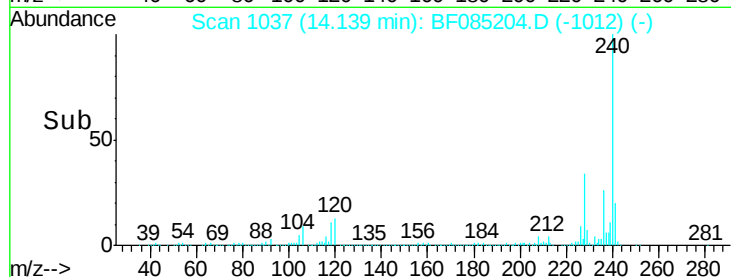
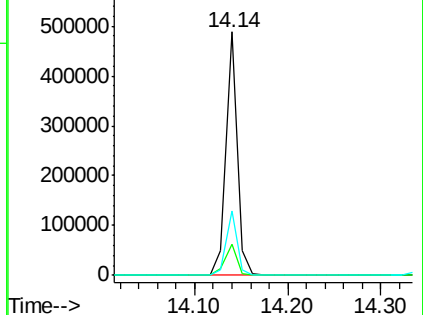
236 26.4 20.7 31.1



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: 23.68 ng

RT: 12.82 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

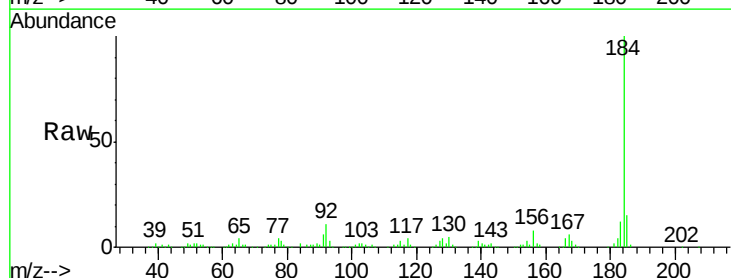
Tgt Ion:184 Resp: 287677

Ion Ratio Lower Upper

184 100

185 15.2 12.4 18.6

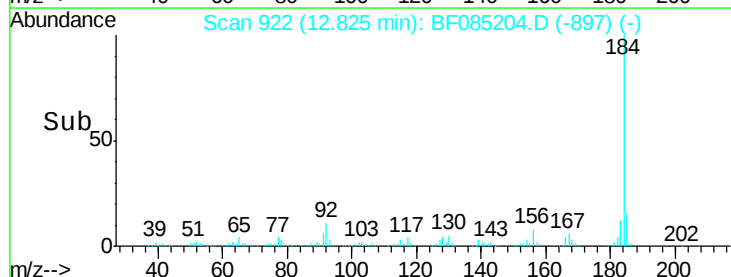
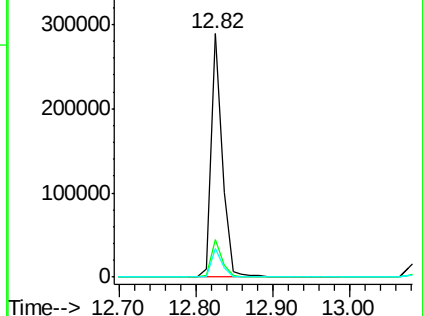
183 11.8 9.4 14.2

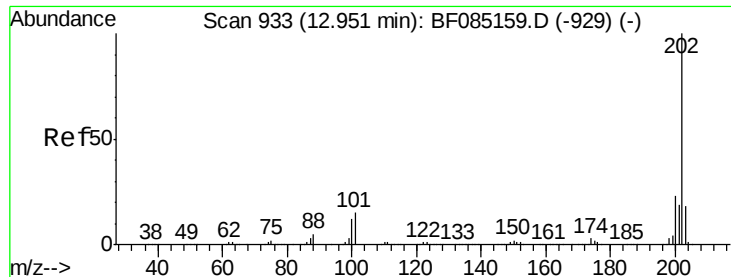


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

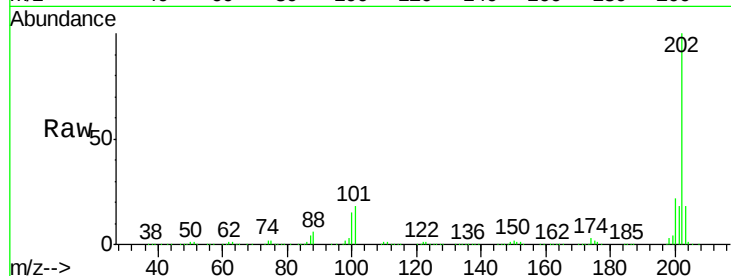




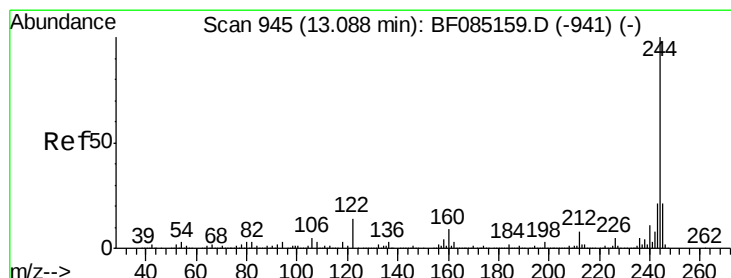
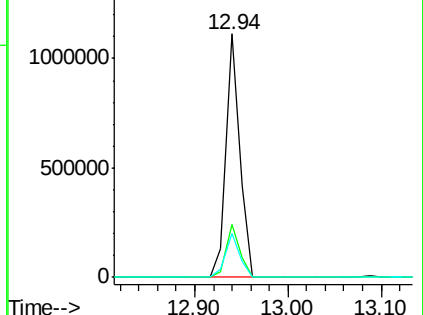
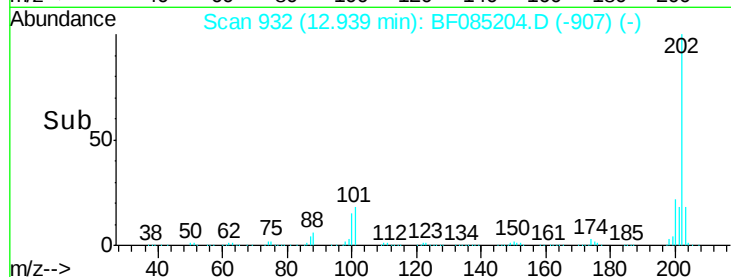
#77
 Pyrene
 Concen: 37.46 ng
 RT: 12.94 min Scan# 932
 Delta R.T. -0.01 min
 Lab File: BF085204.D
 Acq: 4 Mar 2016 15:58

Instrument :
 BNA_F
 ClientSampleId :
 PB88682BS

Tgt Ion: 202 Resp: 1151097
 Ion Ratio Lower Upper
 202 100
 200 21.8 18.2 27.4
 203 18.0 14.7 22.1

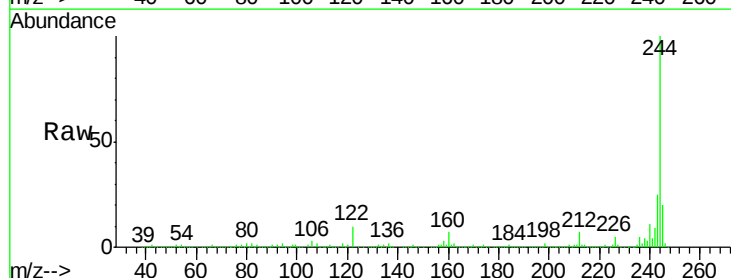


Abundance Ion 202.00 (201.70 to 202.70): E
 1500000 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

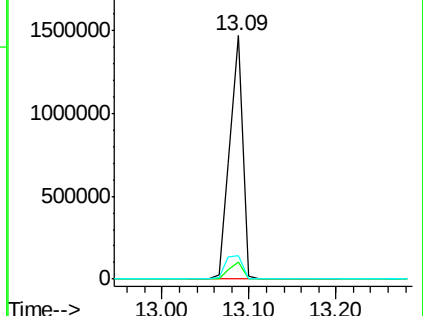
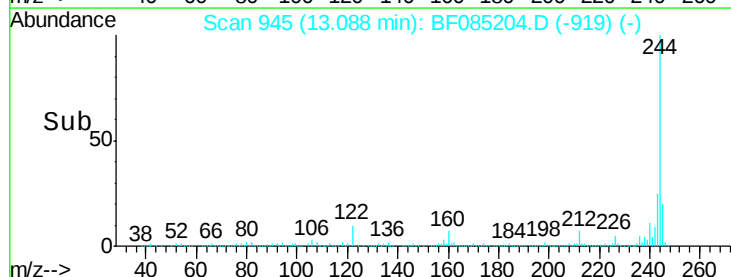


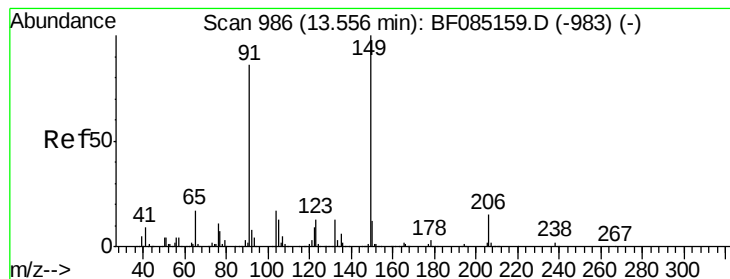
#78
 Terphenyl-d14
 Concen: 86.53 ng
 RT: 13.09 min Scan# 945
 Delta R.T. 0.00 min
 Lab File: BF085204.D
 Acq: 4 Mar 2016 15:58

Tgt Ion: 244 Resp: 1521656
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.4 9.6
 122 9.7 11.4 17.2#



Abundance Ion 244.00 (243.70 to 244.70): E
 2000000 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 41.49 ng

RT: 13.56 min Scan# 986

Delta R.T. 0.00 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

Instrument :

BNA_F

ClientSampleId :

PB88682BS

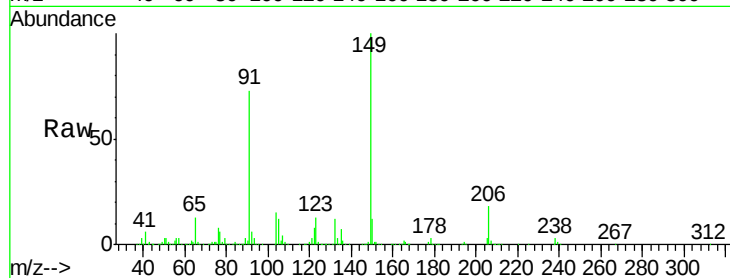
Tgt Ion:149 Resp: 578380

Ion Ratio Lower Upper

149 100

91 72.8 69.0 103.4

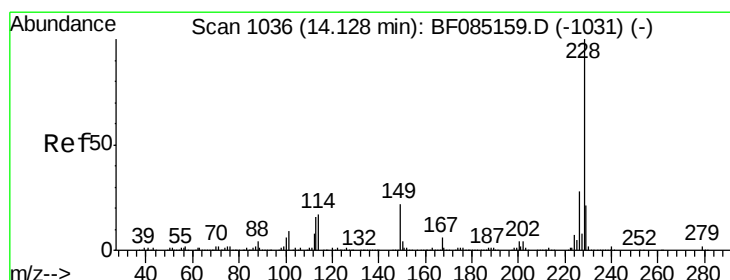
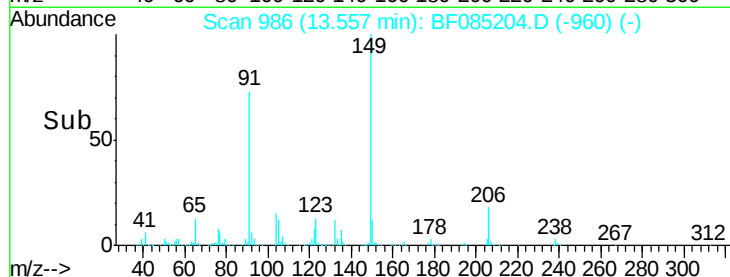
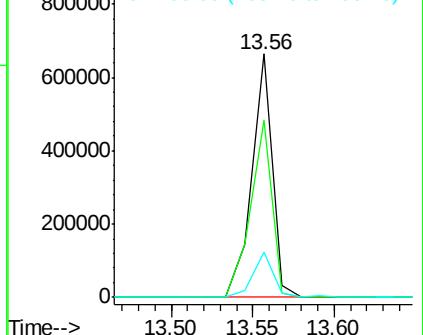
206 18.4 12.3 18.5



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: 38.71 ng

RT: 14.13 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

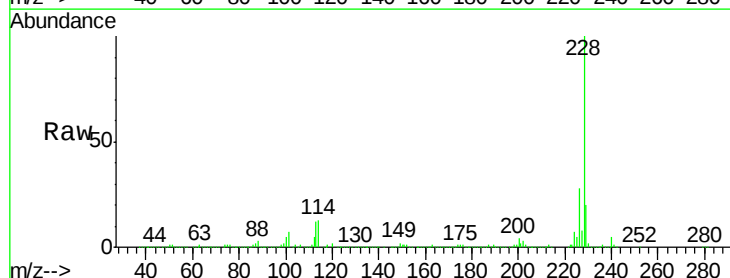
Tgt Ion:228 Resp: 946120

Ion Ratio Lower Upper

228 100

226 28.2 22.8 34.2

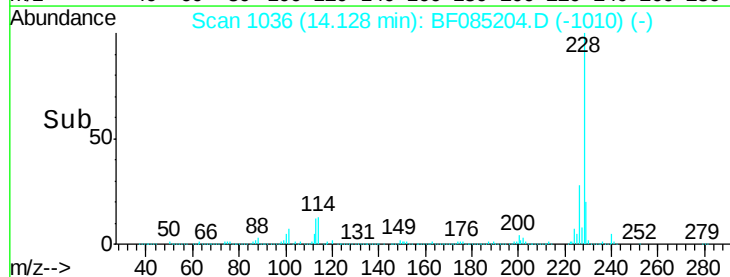
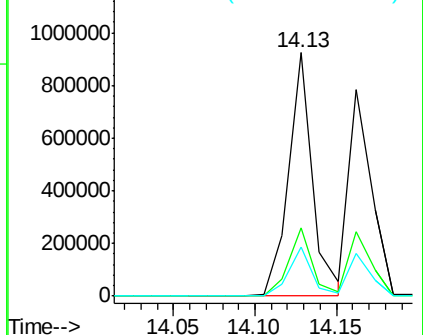
229 20.0 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

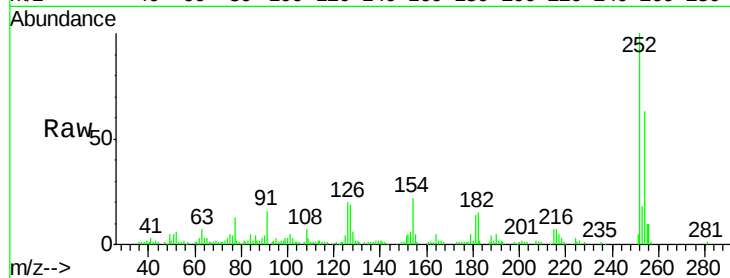




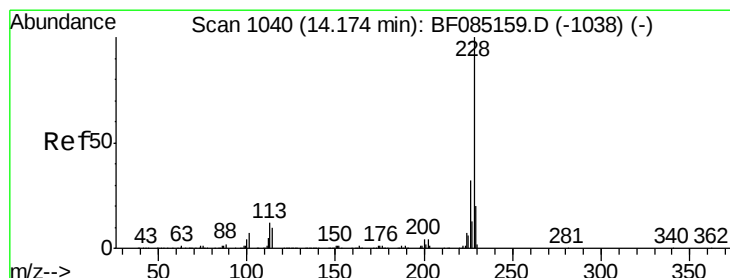
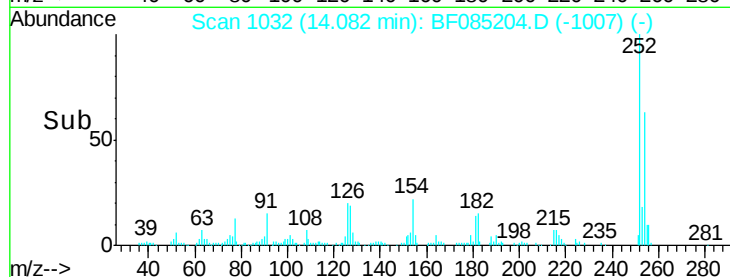
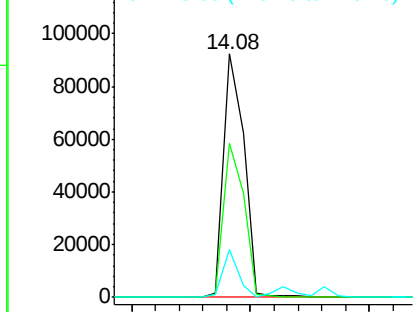
#81
 3,3'-Dichlorobenzidine
 Concen: 14.23 ng
 RT: 14.08 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF085204.D
 Acq: 4 Mar 2016 15:58

Instrument :
 BNA_F
 ClientSampleId :
 PB88682BS

Tgt Ion:252 Resp: 109735
 Ion Ratio Lower Upper
 252 100
 254 63.3 51.4 77.0
 126 19.7 12.9 19.3#

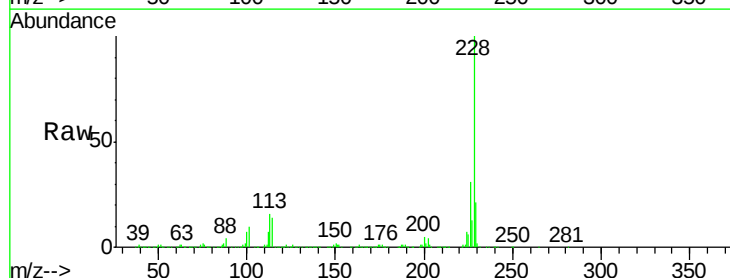


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

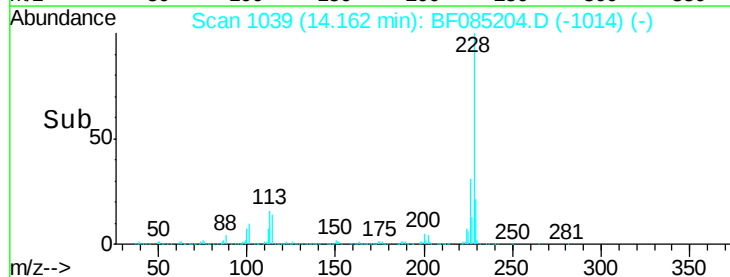
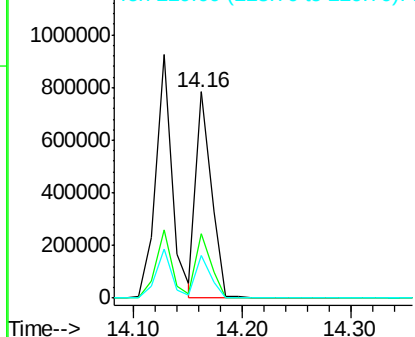


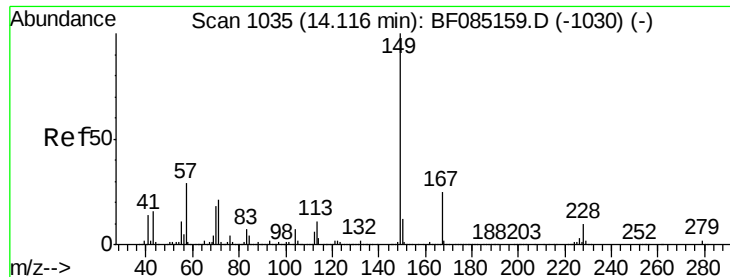
#82
 Chrysene
 Concen: 34.29 ng
 RT: 14.16 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF085204.D
 Acq: 4 Mar 2016 15:58

Tgt Ion:228 Resp: 774036
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.2 37.8
 229 20.7 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: 40.30 ng

RT: 14.12 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

Instrument :

BNA_F

ClientSampleId :

PB88682BS

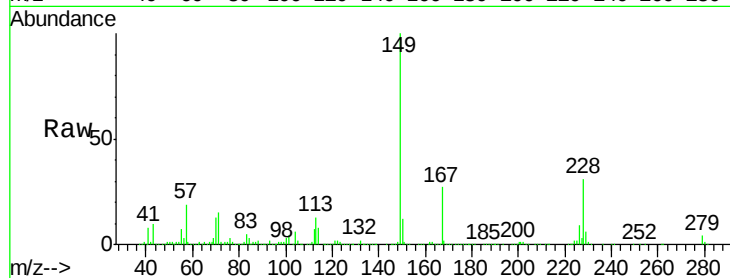
Tgt Ion:149 Resp: 739413

Ion Ratio Lower Upper

149 100

167 26.9 20.3 30.5

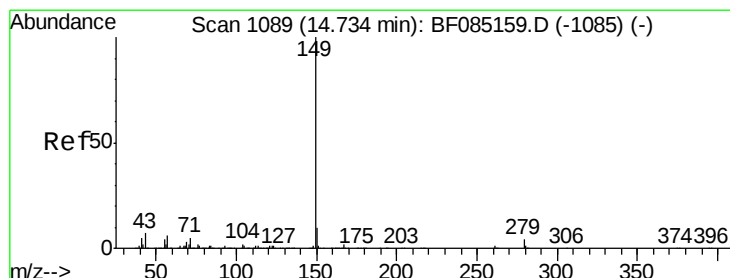
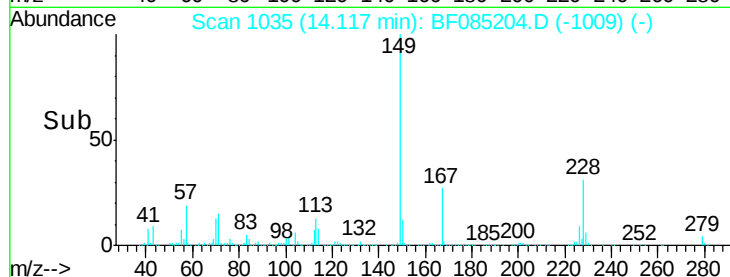
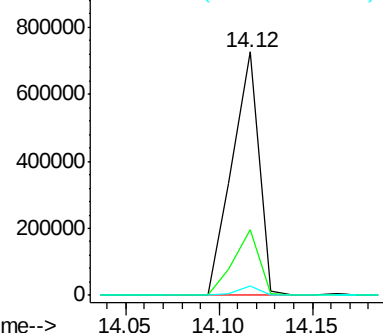
279 3.9 1.9 2.9#



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: 37.71 ng

RT: 14.72 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

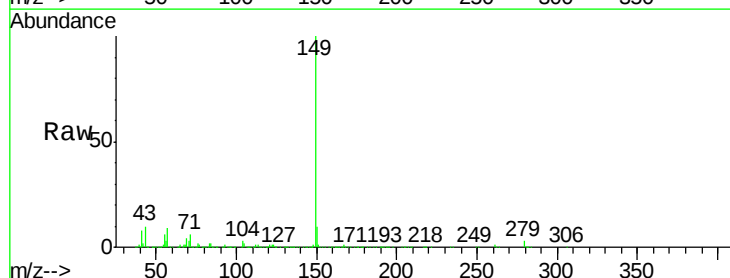
Tgt Ion:149 Resp: 1053619

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

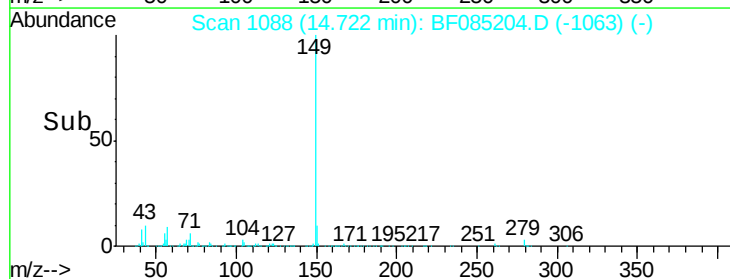
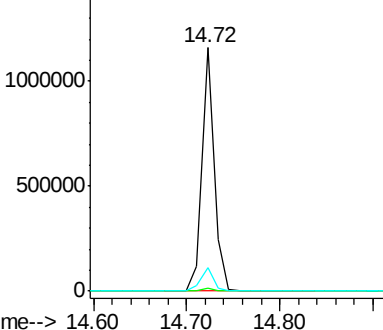
43 9.5 7.8 11.8

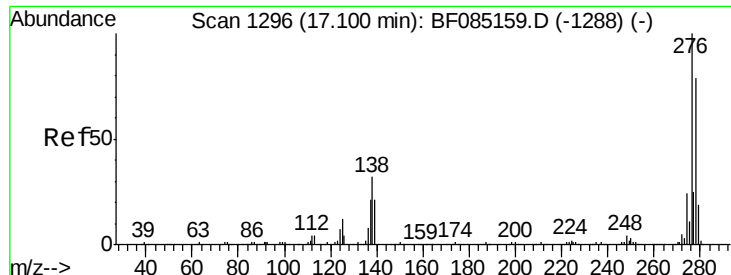


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

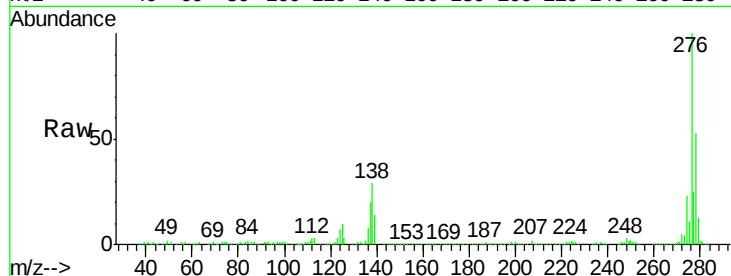




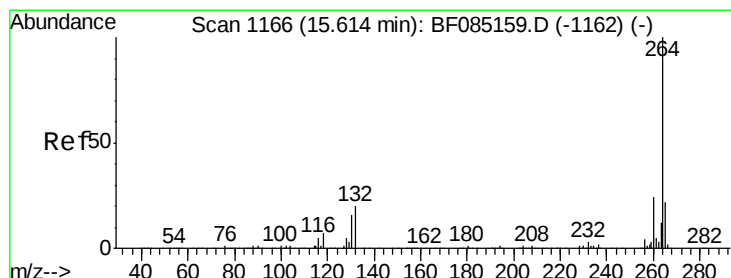
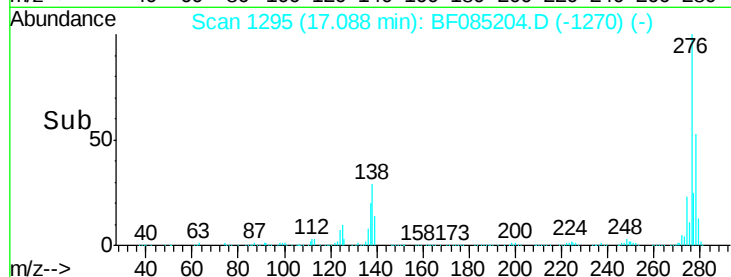
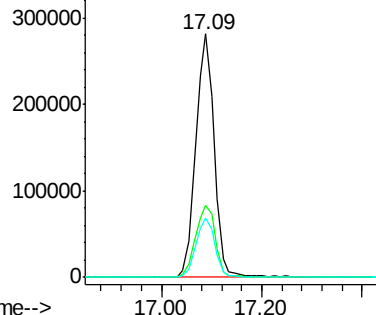
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.57 ng
RT: 17.09 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF085204.D
Acq: 4 Mar 2016 15:58

Instrument :
BNA_F
ClientSampleId :
PB88682BS

Tgt Ion: 276 Resp: 714697
Ion Ratio Lower Upper
276 100
138 32.2 26.4 39.6
277 25.5 20.2 30.2

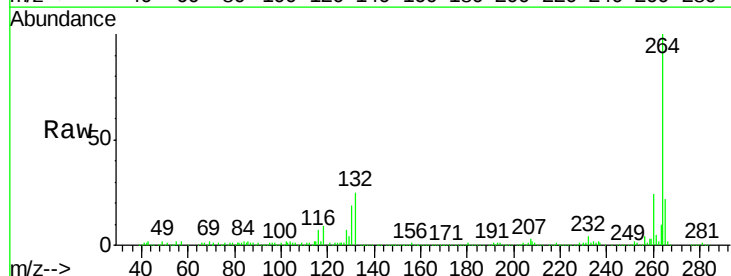


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

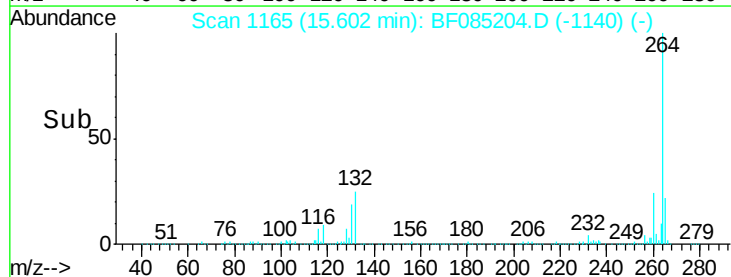
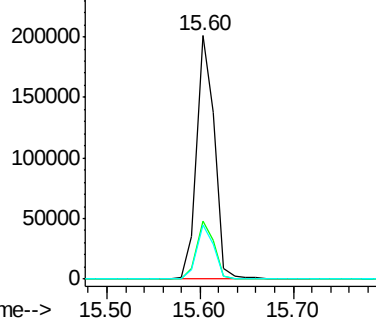


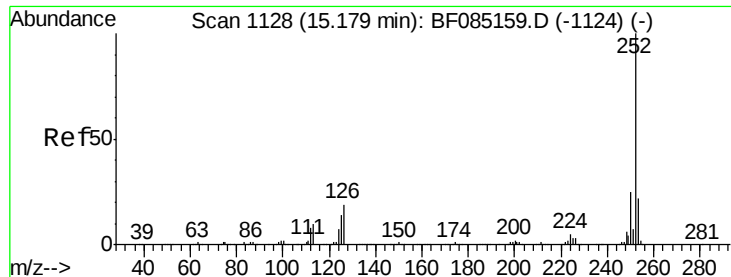
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.60 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF085204.D
Acq: 4 Mar 2016 15:58

Tgt Ion: 264 Resp: 267980
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 22.1 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

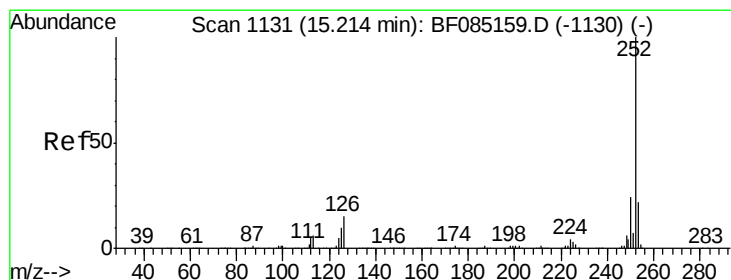
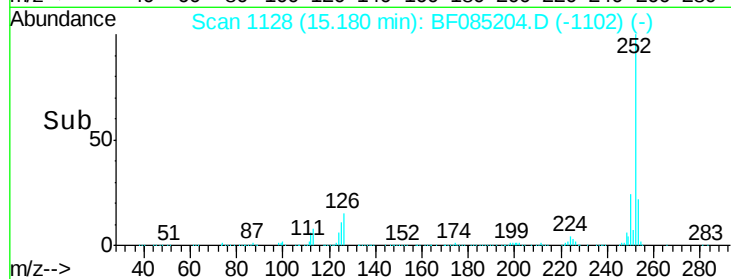
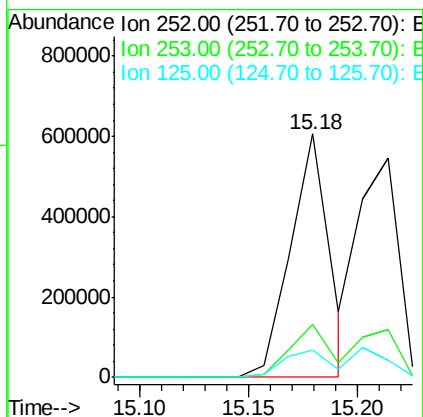
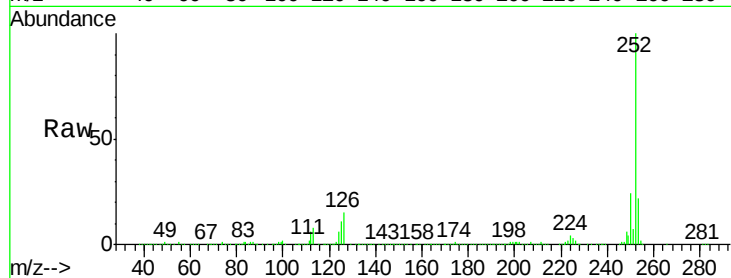




#87
Benzo(b)fluoranthene
Concen: 42.03 ng
RT: 15.18 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF085204.D
Acq: 4 Mar 2016 15:58

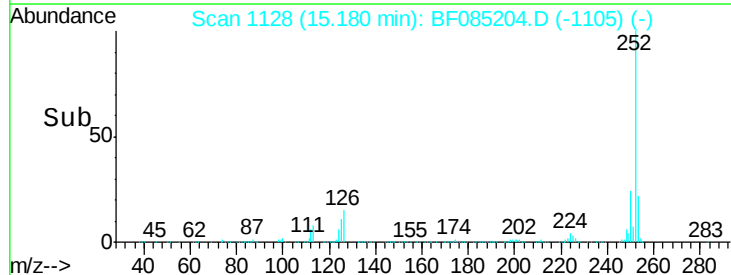
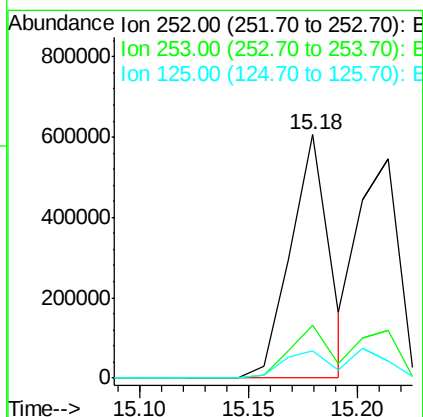
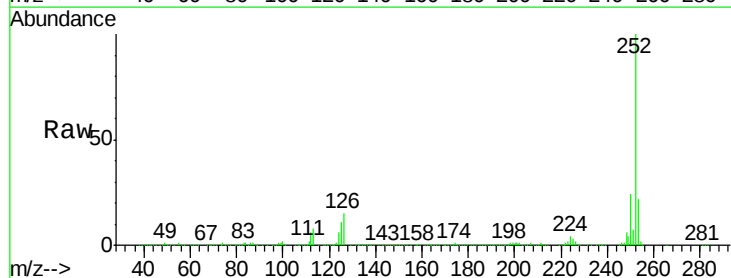
Instrument :
BNA_F
ClientSampleId :
PB88682BS

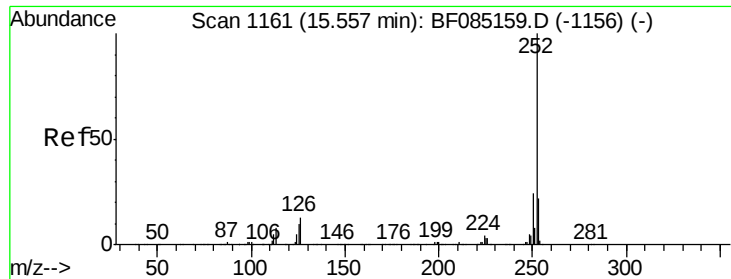
Tgt Ion:252 Resp: 750817
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 11.3 11.3 16.9#



#88
Benzo(k)fluoranthene
Concen: 52.11 ng
RT: 15.18 min Scan# 1128
Delta R.T. -0.03 min
Lab File: BF085204.D
Acq: 4 Mar 2016 15:58

Tgt Ion:252 Resp: 750817
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 11.3 10.4 15.6





#89

Benzo(a)pyrene

Concen: 44.45 ng

RT: 15.55 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

Instrument :

BNA_F

ClientSampleId :

PB88682BS

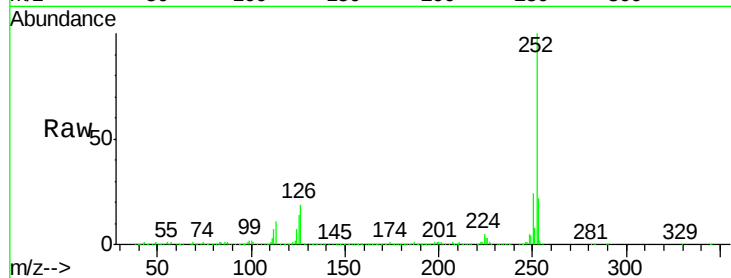
Tgt Ion:252 Resp: 657866

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

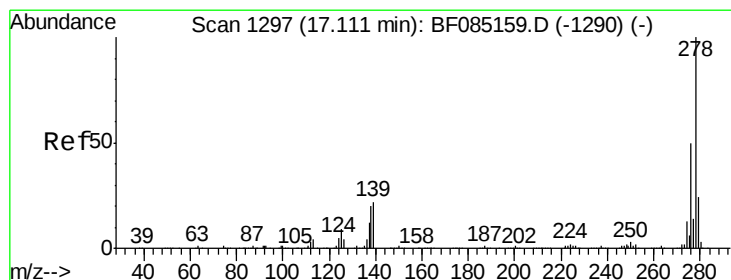
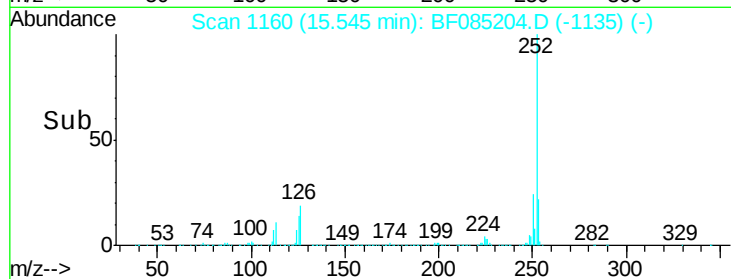
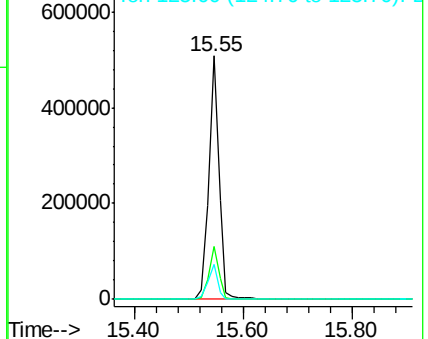
125 14.2 8.2 12.4#



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: 47.80 ng

RT: 17.10 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

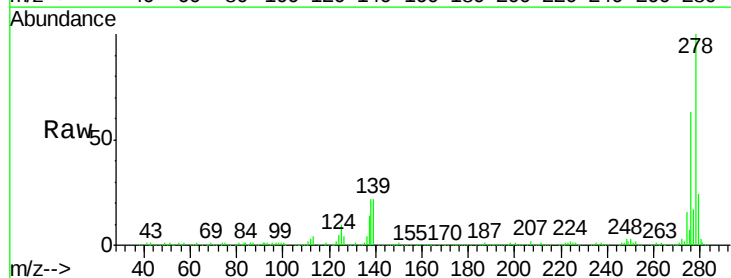
Tgt Ion:278 Resp: 603926

Ion Ratio Lower Upper

278 100

139 21.8 17.3 25.9

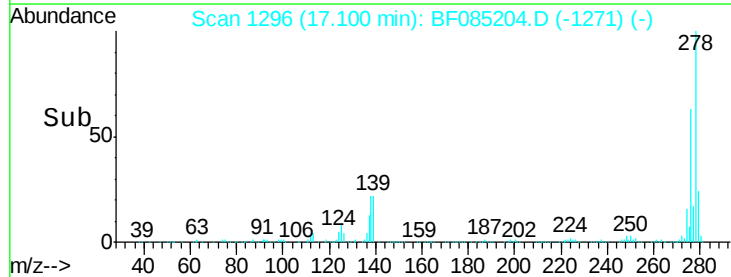
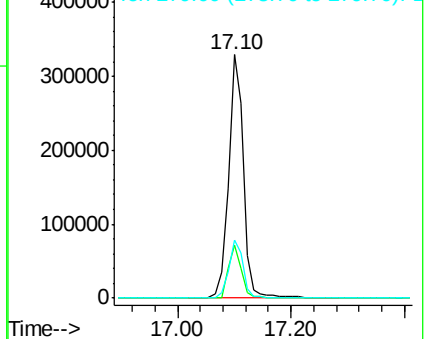
279 24.0 19.2 28.8

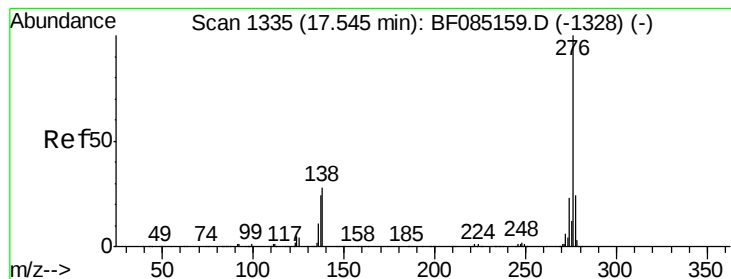


Abundance Ion 278.00 (277.70 to 278.70): E

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: 47.60 ng

RT: 17.53 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

Instrument :

BNA_F

ClientSampleId :

PB88682BS

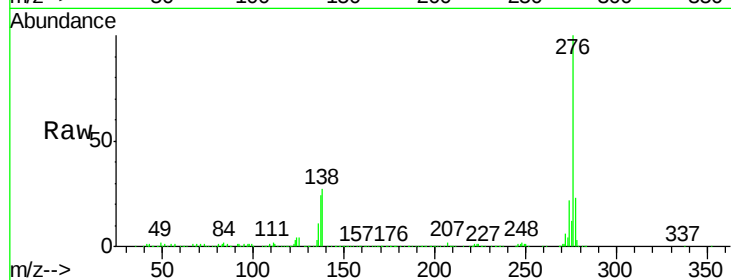
Tgt Ion: 276 Resp: 604767

Ion Ratio Lower Upper

276 100

277 23.3 19.0 28.4

138 27.3 22.5 33.7



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

