

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
 Data File : BF085307.D
 Acq On : 9 Mar 2016 19:10
 Operator : UM/SJ
 Sample : PB88789BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88789BSD

Quant Time: Mar 09 23:50:48 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	6.95	152	157315	20.00	ng	-0.03
21) Naphthalene-d8	8.23	136	627583	20.00	ng	-0.03
38) Acenaphthene-d10	9.99	164	308362	20.00	ng	-0.03
63) Phenanthrene-d10	11.48	188	595788	20.00	ng	-0.03
75) Chrysene-d12	14.12	240	472829	20.00	ng	-0.03
86) Perylene-d12	15.58	264	305520	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	1317133	140.44	ng	-0.01
7) Phenol-d6	6.58	99	1667652	135.72	ng	-0.02
23) Nitrobenzene-d5	7.51	82	886582	75.60	ng	-0.03
41) 2,4,6-Tribromophenol	10.79	330	401753	152.26	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	1695553	83.62	ng	-0.03
78) Terphenyl-d14	13.06	244	1579755	77.56	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	172156	35.90	ng	99
3) Pyridine	3.48	79	456659	38.04	ng	97
4) n-Nitrosodimethylamine	3.42	42	209201	40.72	ng	96
6) Aniline	6.61	93	475398	27.60	ng	98
8) 2-Chlorophenol	6.73	128	481414	42.64	ng	99
9) Benzaldehyde	6.49	77	128743	19.00	ng	93
10) Phenol	6.60	94	670522	50.95	ng	92
11) bis(2-Chloroethyl)ether	6.69	93	495460	45.33	ng	94
12) 1,3-Dichlorobenzene	6.89	146	462953	38.19	ng	97
13) 1,4-Dichlorobenzene	6.96	146	434663	35.78	ng	99
14) 1,2-Dichlorobenzene	7.12	146	451164	40.93	ng	98
15) Benzyl Alcohol	7.09	79	368320	40.83	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.22	45	497993	31.61	ng	98
17) 2-Methylphenol	7.20	107	391129	42.45	ng	98
18) Hexachloroethane	7.46	117	173476	38.71	ng	93
19) n-Nitroso-di-n-propylamine	7.36	70	278816	34.82	ng	# 92
20) 3+4-Methylphenols	7.35	107	427329	39.16	ng	91
22) Acetophenone	7.36	105	570689	37.26	ng	# 96
24) Nitrobenzene	7.53	77	498441	41.84	ng	93
25) Isophorone	7.77	82	850366	39.13	ng	96
26) 2-Nitrophenol	7.85	139	237274	40.93	ng	99
27) 2,4-Dimethylphenol	7.89	122	452772	42.73	ng	96
28) bis(2-Chloroethoxy)methane	7.98	93	504954	41.72	ng	99
29) 2,4-Dichlorophenol	8.09	162	377983	44.23	ng	99
30) 1,2,4-Trichlorobenzene	8.17	180	377007	40.81	ng	97
31) Naphthalene	8.25	128	1204166	39.02	ng	99
32) Benzoic acid	7.97	122	101371	14.40	ng	96
33) 4-Chloroaniline	8.30	127	216160	17.32	ng	95
34) Hexachlorobutadiene	8.38	225	197021	40.98	ng	99
35) Caprolactam	8.68	113	76795	27.52	ng	89
36) 4-Chloro-3-methylphenol	8.79	107	437133	45.09	ng	89
37) 2-Methylnaphthalene	8.95	142	890746	44.98	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	326617	37.04	ng	98
40) Hexachlorocyclopentadiene	9.10	237	377367	79.34	ng	99

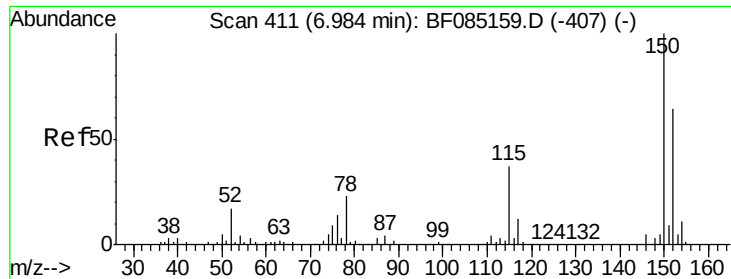
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	269409	41.04	ng	99
43) 2,4,5-Trichlorophenol	9.27	196	278924	44.81	ng	# 92
45) 1,1'-Biphenyl	9.41	154	959562	36.42	ng	99
46) 2-Chloronaphthalene	9.44	162	800499	39.86	ng	99
47) 2-Nitroaniline	9.53	65	270161	43.41	ng	# 79
48) Acenaphthylene	9.85	152	1195290	38.24	ng	98
49) Dimethylphthalate	9.72	163	945055	39.93	ng	99
50) 2,6-Dinitrotoluene	9.77	165	194617	38.44	ng	92
51) Acenaphthene	10.02	154	726584	38.29	ng	99
52) 3-Nitroaniline	9.94	138	170168	28.09	ng	99
53) 2,4-Dinitrophenol	10.05	184	73916	33.91	ng	# 42
54) Dibenzofuran	10.20	168	1017213	40.91	ng	99
55) 4-Nitrophenol	10.10	139	307101	64.51	ng	# 81
56) 2,4-Dinitrotoluene	10.18	165	308465	47.60	ng	# 72
57) Fluorene	10.54	166	776661	39.77	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.31	232	189561	43.35	ng	94
59) Diethylphthalate	10.41	149	867645	37.78	ng	96
60) 4-Chlorophenyl-phenylether	10.53	204	375151	39.48	ng	91
61) 4-Nitroaniline	10.56	138	243961	43.06	ng	94
62) Azobenzene	10.69	77	952721	42.10	ng	96
64) 4,6-Dinitro-2-methylphenol	10.58	198	79424	22.26	ng	# 69
65) n-Nitrosodiphenylamine	10.65	169	766613	41.37	ng	99
66) 4-Bromophenyl-phenylether	11.02	248	231554	40.03	ng	# 85
67) Hexachlorobenzene	11.09	284	249911	40.49	ng	# 83
68) Atrazine	11.18	200	246439	47.82	ng	98
69) Pentachlorophenol	11.28	266	227088	66.29	ng	99
70) Phenanthrene	11.50	178	1292595	41.40	ng	98
71) Anthracene	11.56	178	1312407	39.59	ng	99
72) Carbazole	11.70	167	1093994	37.64	ng	98
73) Di-n-butylphthalate	12.04	149	1339333	36.45	ng	99
74) Fluoranthene	12.69	202	1215459	38.79	ng	97
76) Benzidine	12.81	184	455546	32.37	ng	98
77) Pyrene	12.92	202	1261864	35.46	ng	99
79) Butylbenzylphthalate	13.53	149	559571	34.65	ng	91
80) Benzo(a)anthracene	14.11	228	1078763	38.11	ng	99
81) 3,3'-Dichlorobenzidine	14.07	252	169537	18.99	ng	# 96
82) Chrysene	14.14	228	1012143	38.71	ng	99
83) Bis(2-ethylhexyl)phthalate	14.09	149	784240	36.91	ng	# 98
84) Di-n-octyl phthalate	14.70	149	1207153	37.30	ng	97
85) Indeno(1,2,3-cd)pyrene	17.04	276	669843	32.82	ng	98
87) Benzo(b)fluoranthene	15.16	252	879169	43.17	ng	# 94
88) Benzo(k)fluoranthene	15.16	252	879169	53.52	ng	# 95
89) Benzo(a)pyrene	15.52	252	722401	42.81	ng	98
90) Dibenzo(a,h)anthracene	17.07	278	558519	38.77	ng	# 94
91) Benzo(g,h,i)perylene	17.49	276	566529	39.11	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.95 min Scan# 408

Delta R.T. -0.03 min

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PB88789BSD

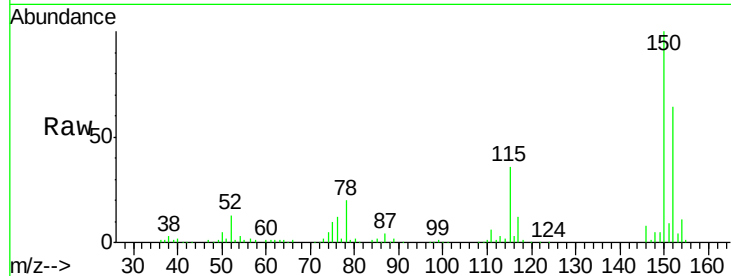
Tgt Ion:152 Resp: 157315

Ion Ratio Lower Upper

152 100

150 157.3 124.6 186.8

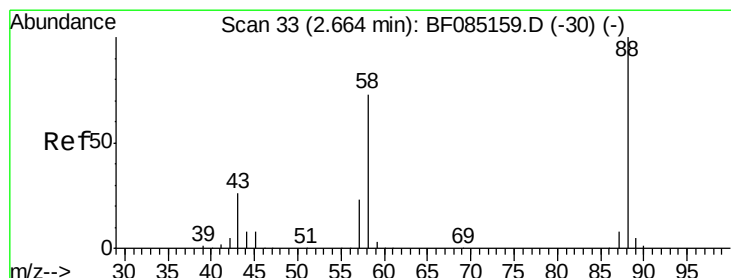
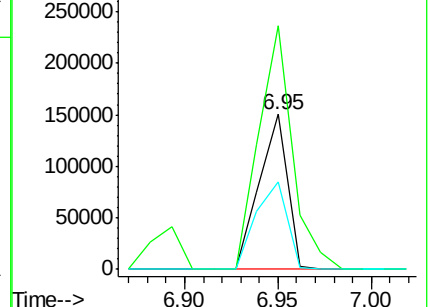
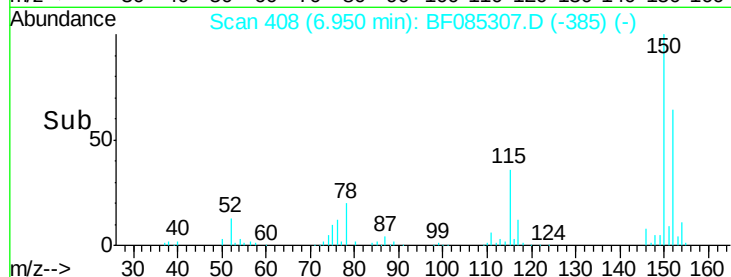
115 56.7 46.6 70.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.90 ng

RT: 2.72 min Scan# 38

Delta R.T. 0.06 min

Lab File: BF085307.D

Acq: 9 Mar 2016 19:10

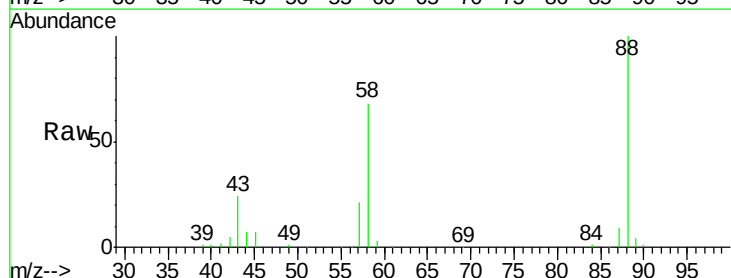
Tgt Ion: 88 Resp: 172156

Ion Ratio Lower Upper

88 100

58 70.4 57.0 85.6

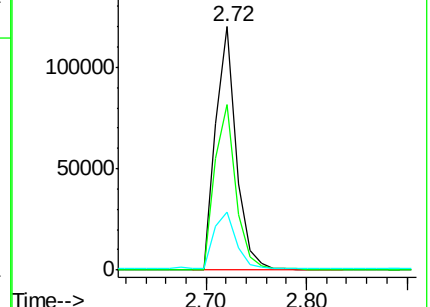
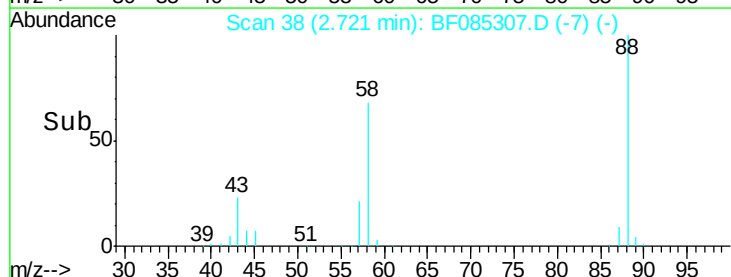
43 24.5 20.5 30.7

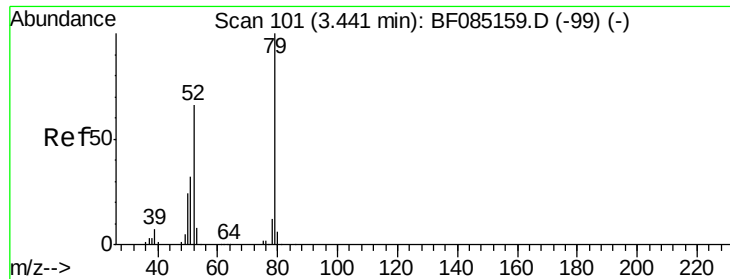


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 38.04 ng

RT: 3.48 min Scan# 104

Delta R.T. 0.03 min

Lab File: BF085307.D

Acq: 9 Mar 2016 19:10

Instrument :

BNA_F

ClientSampleId :

PB88789BSD

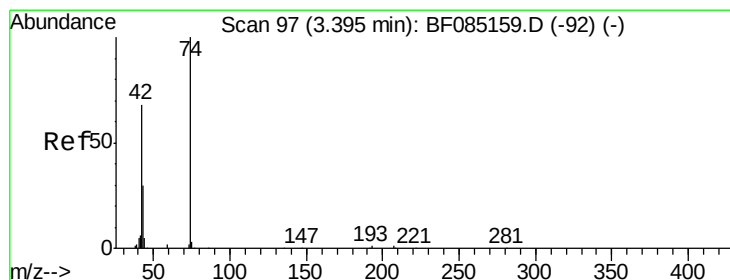
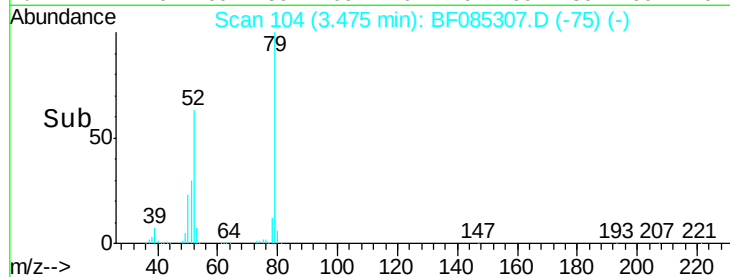
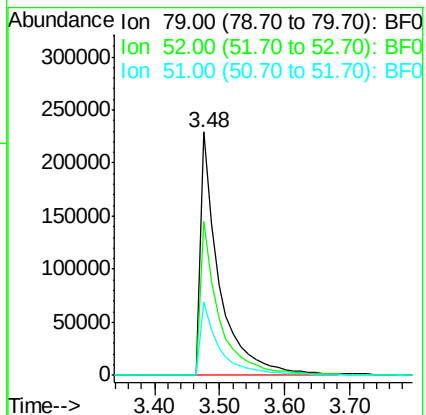
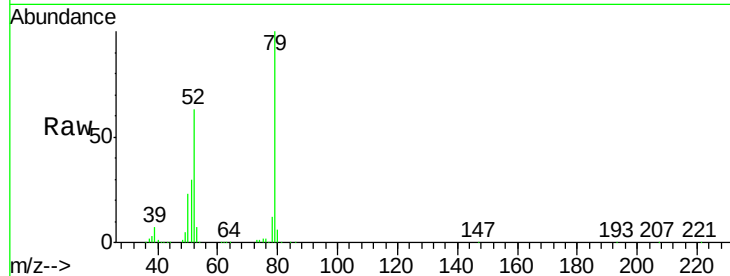
Tgt Ion: 79 Resp: 456659

Ion Ratio Lower Upper

79 100

52 63.4 52.6 79.0

51 30.3 25.8 38.8



#4

n-Nitrosodimethylamine

Concen: 40.72 ng

RT: 3.42 min Scan# 99

Delta R.T. 0.02 min

Lab File: BF085307.D

Acq: 9 Mar 2016 19:10

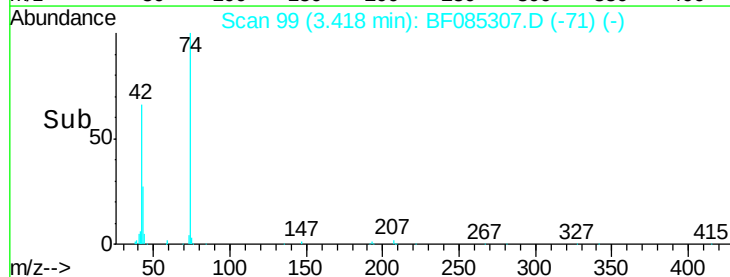
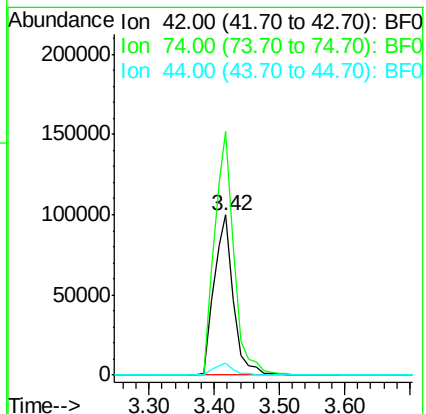
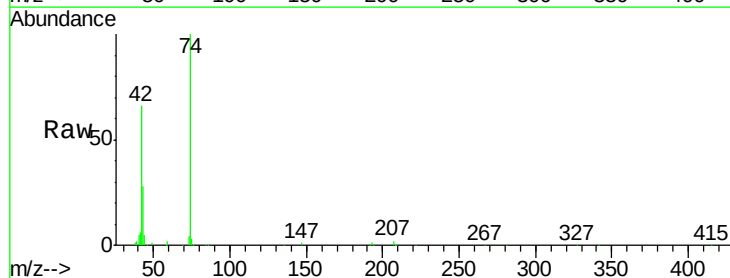
Tgt Ion: 42 Resp: 209201

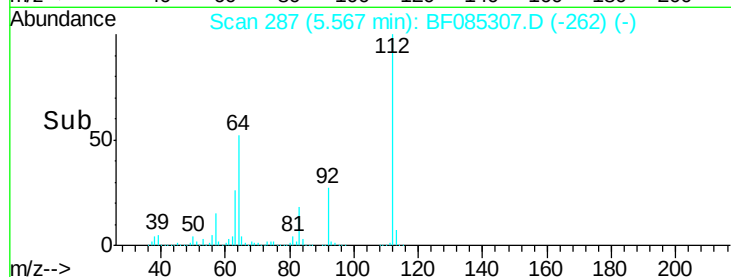
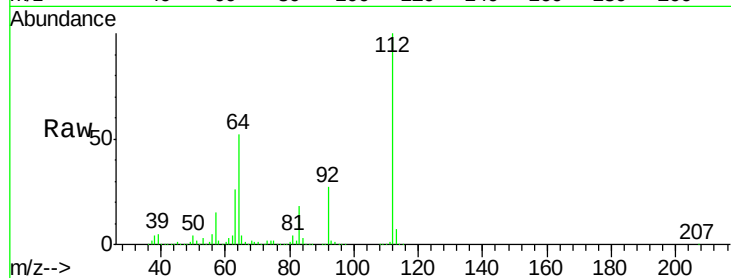
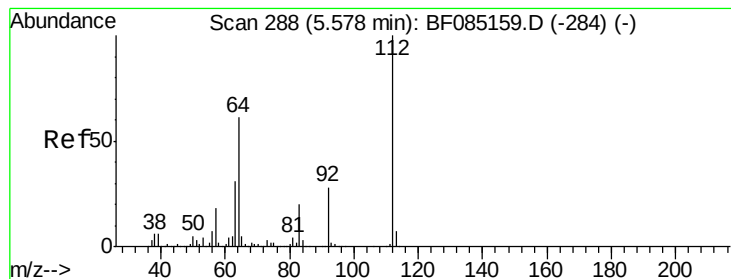
Ion Ratio Lower Upper

42 100

74 151.9 116.8 175.2

44 7.1 5.5 8.3





#5

2-Fluorophenol

Concen: 140.44 ng

RT: 5.57 min Scan# 287

Delta R.T. -0.01 min

Lab File: BF085307.D

Acq: 9 Mar 2016 19:10

Instrument :

BNA_F

ClientSampleId :

PB88789BSD

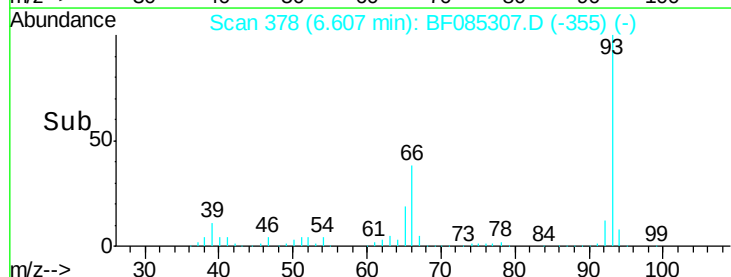
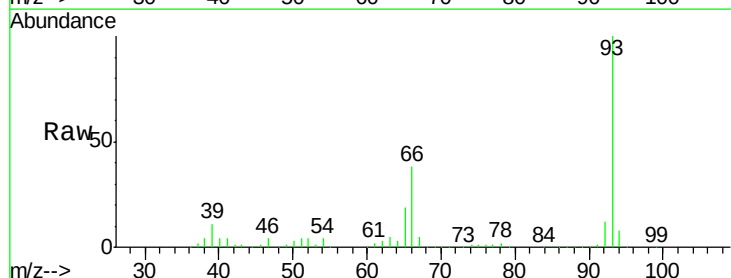
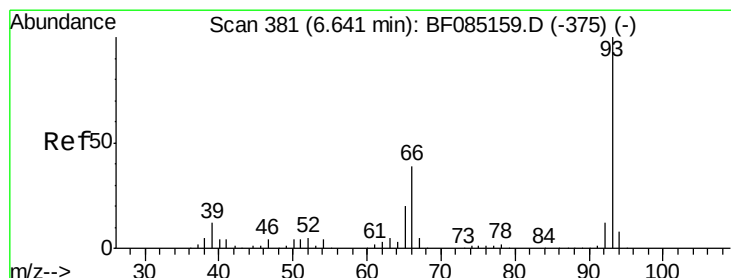
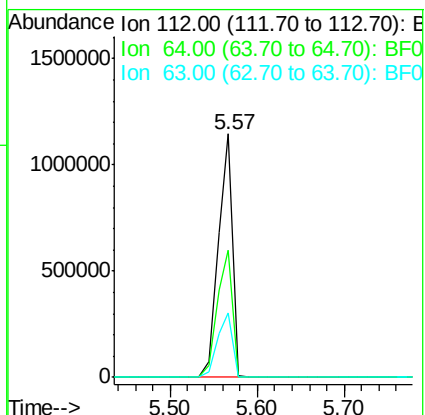
Tgt Ion:112 Resp: 1317133

Ion Ratio Lower Upper

112 100

64 52.2 49.0 73.4

63 26.5 24.8 37.2



#6

Aniline

Concen: 27.60 ng

RT: 6.61 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF085307.D

Acq: 9 Mar 2016 19:10

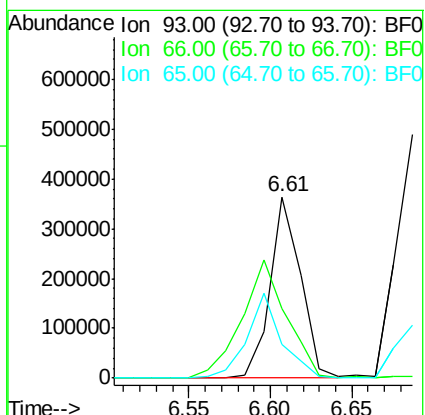
Tgt Ion: 93 Resp: 475398

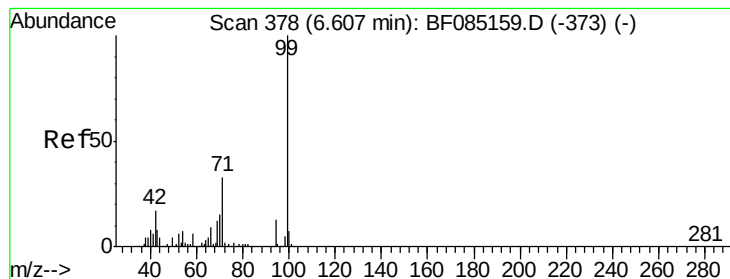
Ion Ratio Lower Upper

93 100

66 38.5 31.6 47.4

65 18.8 15.8 23.8





#7

Phenol-d6

Concen: 135.72 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF085307.D

Acq: 9 Mar 2016 19:10

Instrument :

BNA_F

ClientSampleId :

PB88789BSD

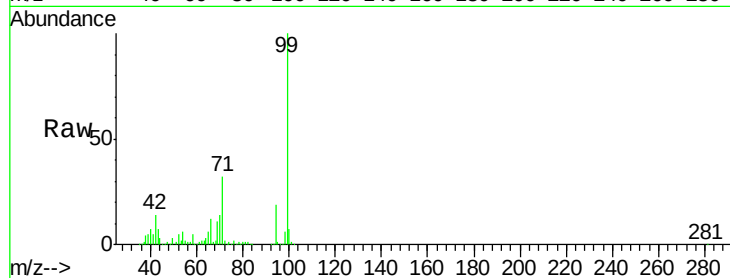
Tgt Ion: 99 Resp: 1667652

Ion Ratio Lower Upper

99 100

42 13.9 13.6 20.4

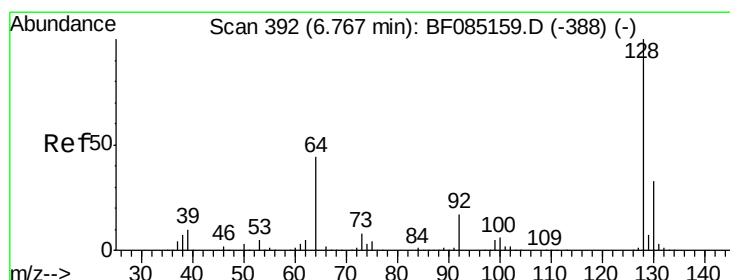
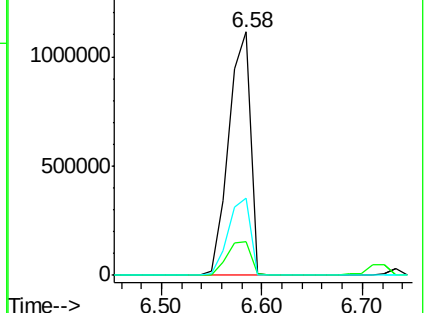
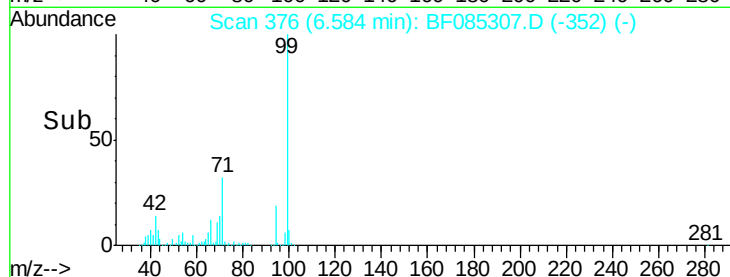
71 31.5 26.7 40.1



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.64 ng

RT: 6.73 min Scan# 389

Delta R.T. -0.03 min

Lab File: BF085307.D

Acq: 9 Mar 2016 19:10

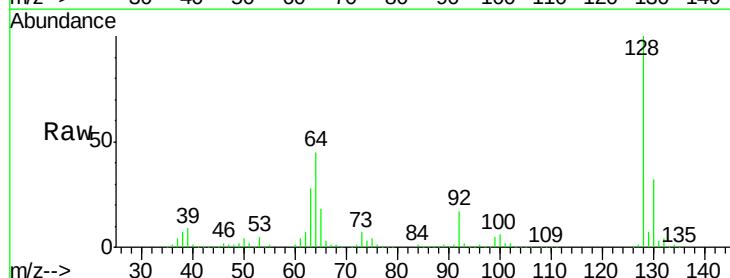
Tgt Ion: 128 Resp: 481414

Ion Ratio Lower Upper

128 100

130 32.4 13.3 53.3

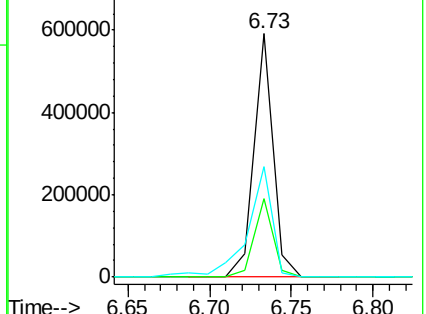
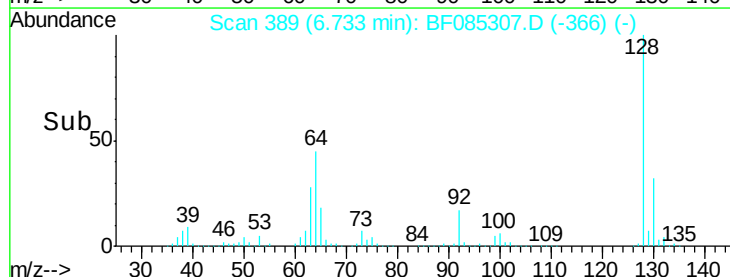
64 45.3 25.7 65.7

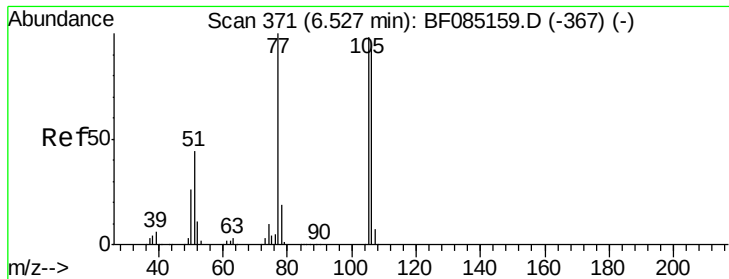


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 19.00 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.03 min

Lab File: BF085307.D

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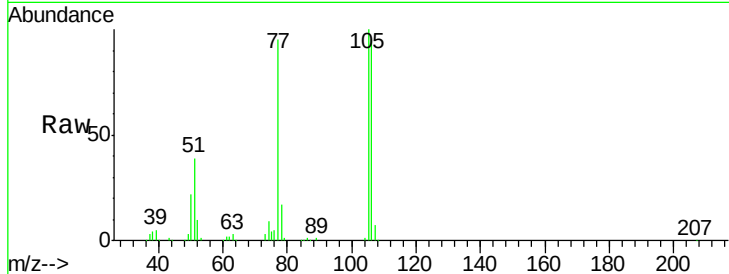
Tgt Ion: 77 Resp: 128743

Ion Ratio Lower Upper

77 100

105 105.4 78.2 118.2

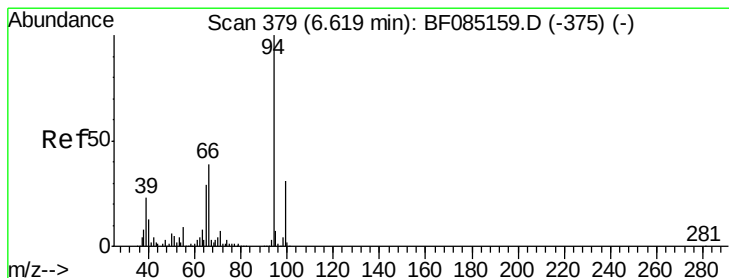
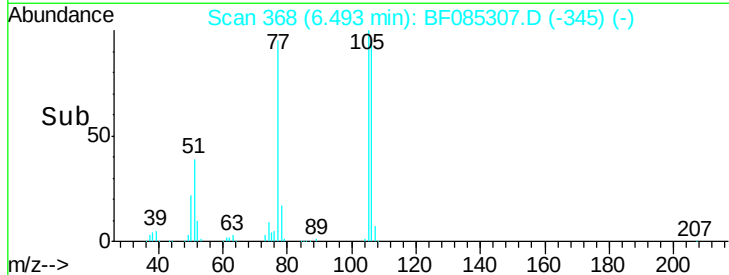
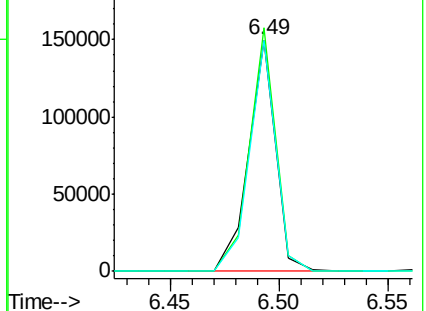
106 100.2 72.9 112.9



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: 50.95 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF085307.D

Acq: 9 Mar 2016 19:10

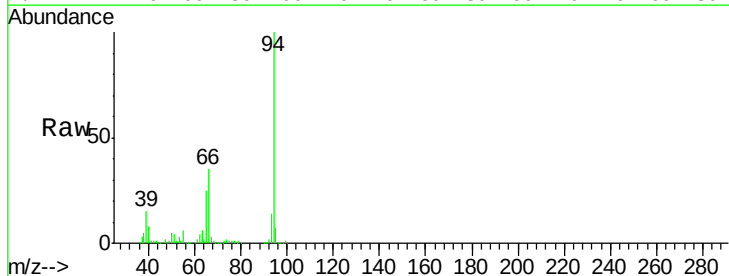
Tgt Ion: 94 Resp: 670522

Ion Ratio Lower Upper

94 100

65 25.0 9.1 49.1

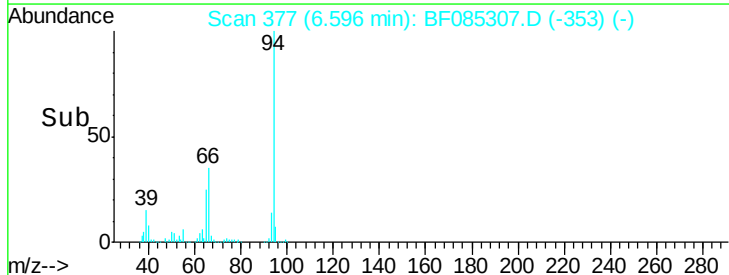
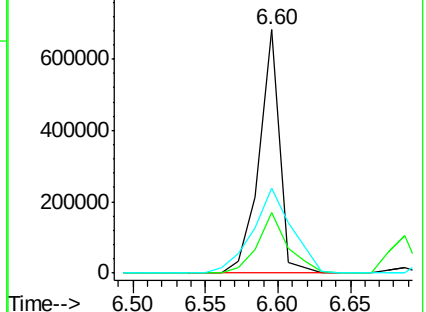
66 34.7 19.3 59.3

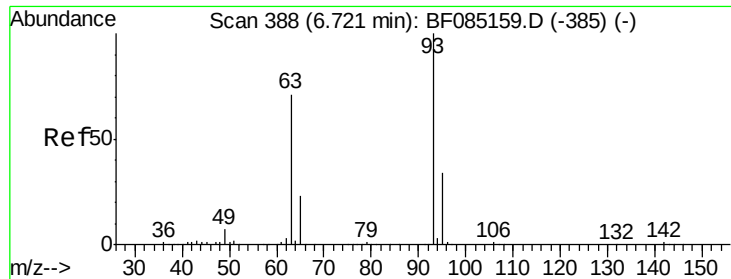


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

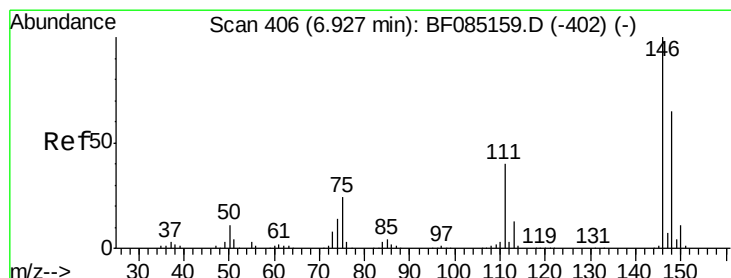
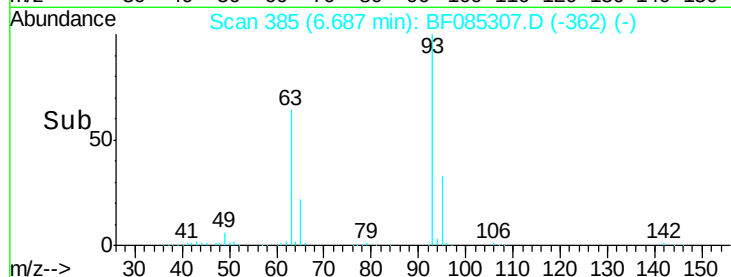
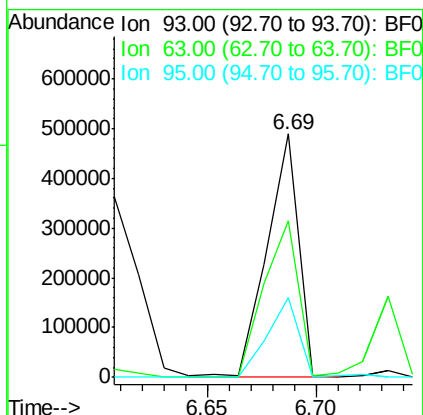
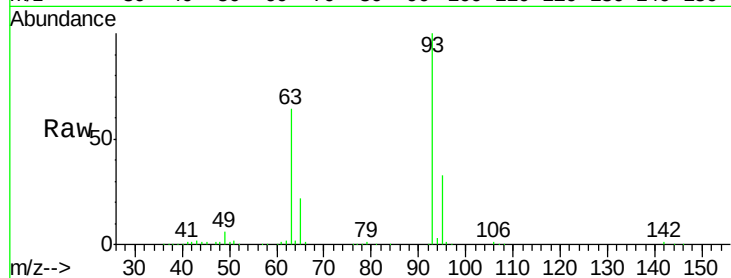




#11
bis(2-Chloroethyl)ether
Concen: 45.33 ng
RT: 6.69 min Scan# 385
Delta R.T. -0.03 min
Lab File: BF085307.D
Acq: 9 Mar 2016 19:10

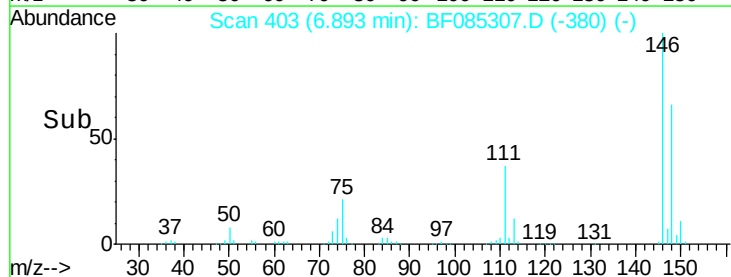
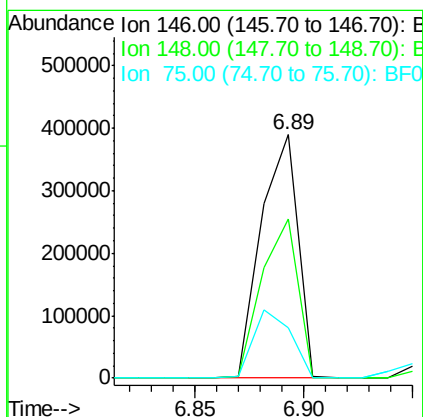
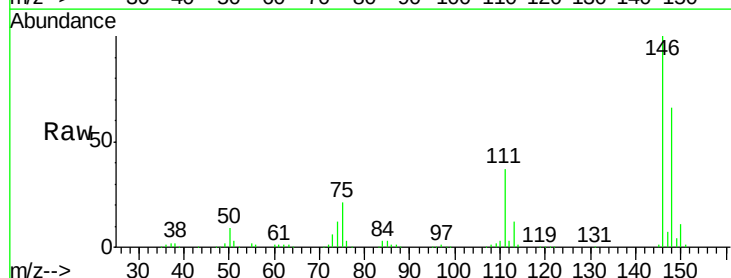
Instrument :
BNA_F
ClientSampleId :
PB88789BSD

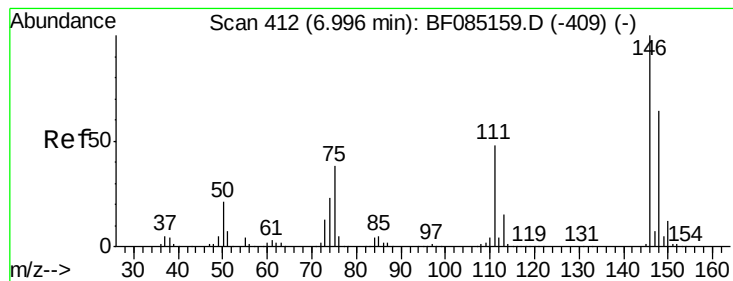
Tgt Ion: 93 Resp: 495460
Ion Ratio Lower Upper
93 100
63 64.5 50.9 90.9
95 33.0 13.7 53.7



#12
1,3-Dichlorobenzene
Concen: 38.19 ng
RT: 6.89 min Scan# 403
Delta R.T. -0.03 min
Lab File: BF085307.D
Acq: 9 Mar 2016 19:10

Tgt Ion: 146 Resp: 462953
Ion Ratio Lower Upper
146 100
148 65.6 52.1 78.1
75 20.6 19.5 29.3





#13

1,4-Dichlorobenzene

Concen: 35.78 ng

RT: 6.96 min Scan# 409

Delta R.T. -0.03 min

Lab File: BF085307.D

Acq: 9 Mar 2016 19:10

Instrument :

BNA_F

ClientSampleId :

PB88789BSD

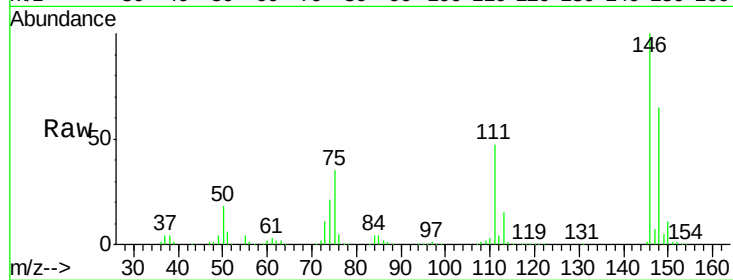
Tgt Ion:146 Resp: 434663

Ion Ratio Lower Upper

146 100

148 64.5 51.3 76.9

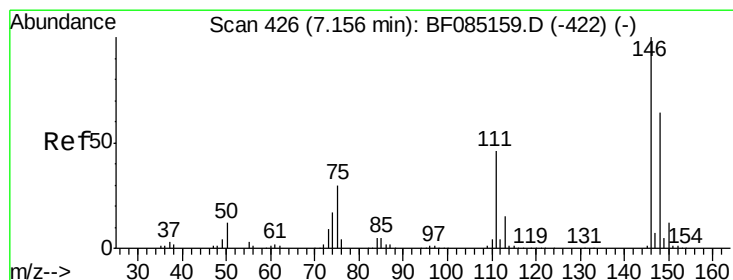
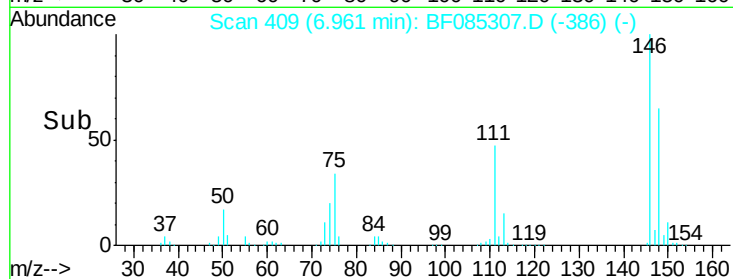
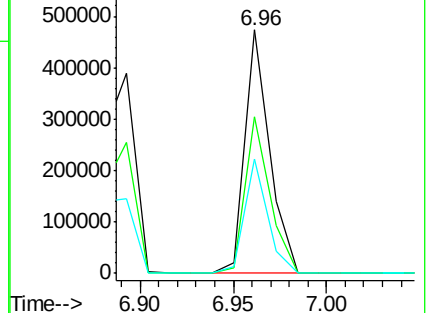
111 46.8 38.4 57.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.93 ng

RT: 7.12 min Scan# 423

Delta R.T. -0.03 min

Lab File: BF085307.D

Acq: 9 Mar 2016 19:10

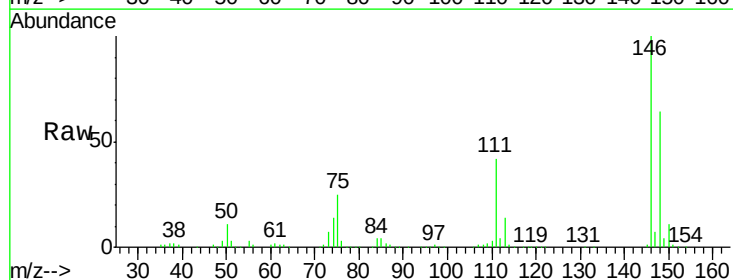
Tgt Ion:146 Resp: 451164

Ion Ratio Lower Upper

146 100

148 64.3 51.4 77.2

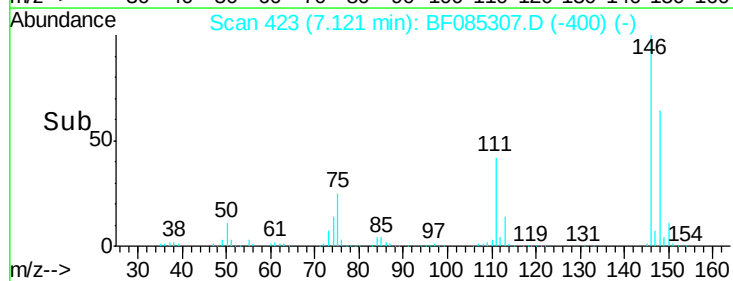
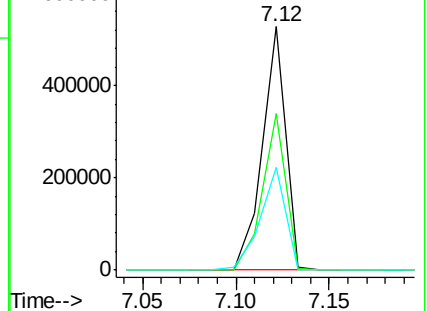
111 42.0 36.7 55.1

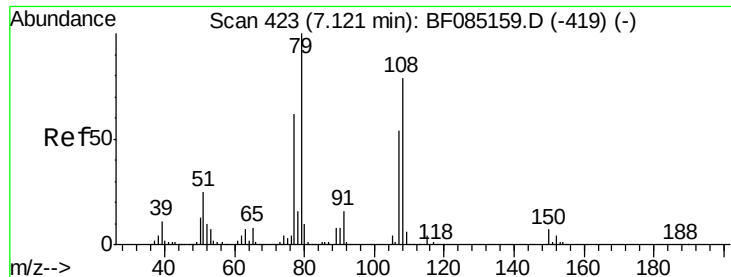


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.83 ng

RT: 7.09 min Scan# 420

Delta R.T. -0.03 min

Lab File: BF085307.D

Acq: 9 Mar 2016 19:10

Instrument :

BNA_F

ClientSampled :

PB88789BSD

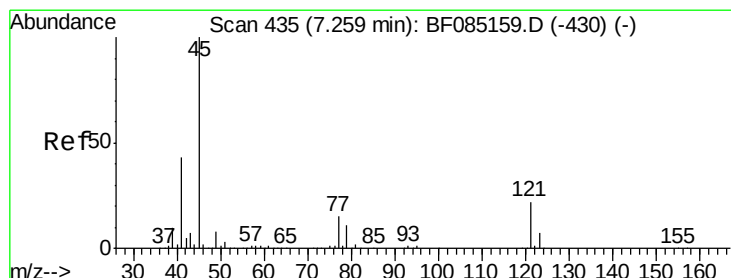
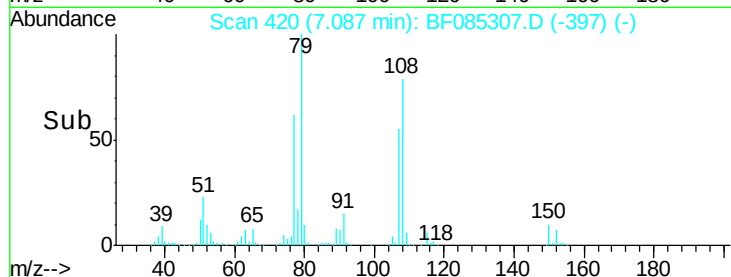
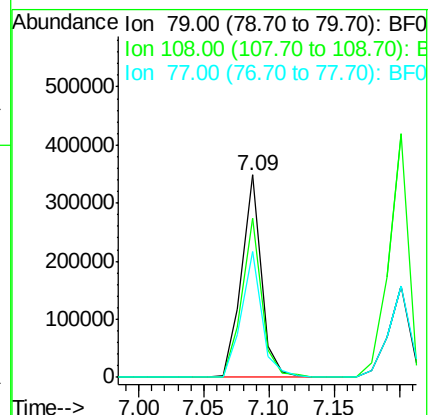
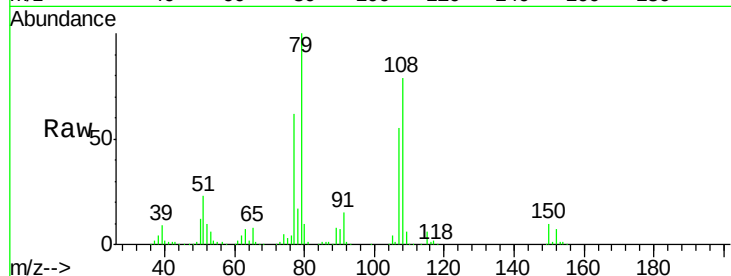
Tgt Ion: 79 Resp: 368320

Ion Ratio Lower Upper

79 100

108 78.9 62.9 94.3

77 62.0 49.5 74.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.61 ng

RT: 7.22 min Scan# 432

Delta R.T. -0.03 min

Lab File: BF085307.D

Acq: 9 Mar 2016 19:10

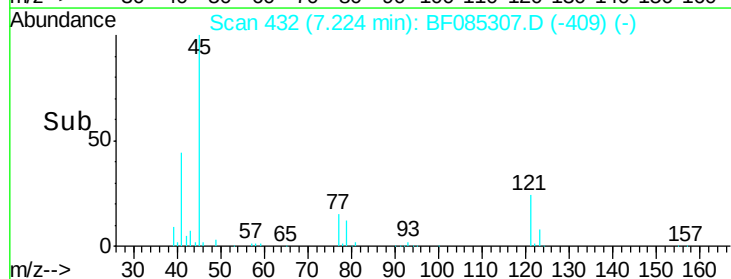
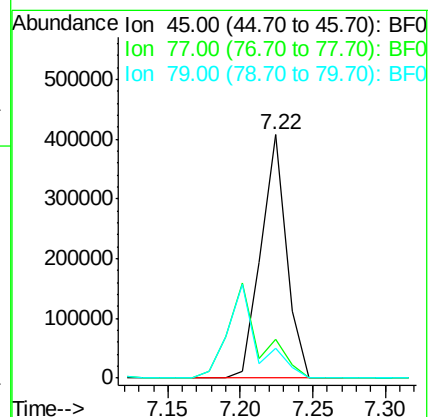
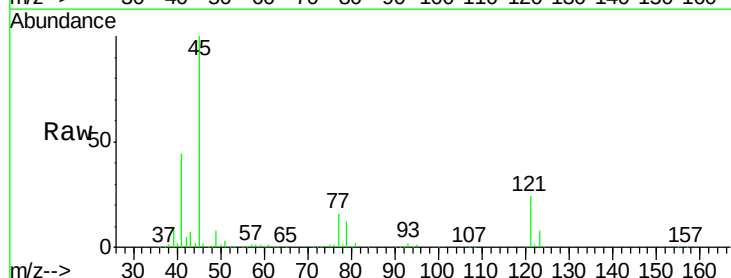
Tgt Ion: 45 Resp: 497993

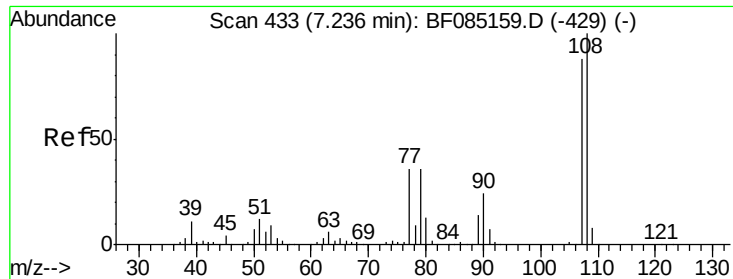
Ion Ratio Lower Upper

45 100

77 15.8 0.0 35.1

79 12.1 0.0 31.3

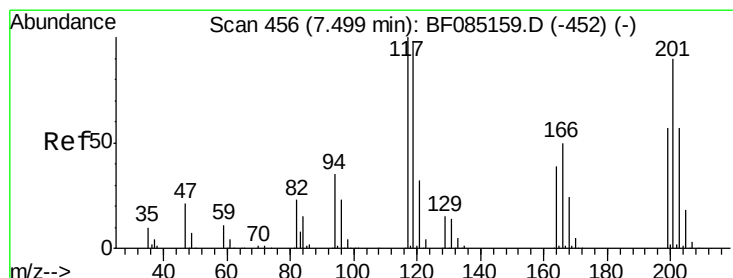
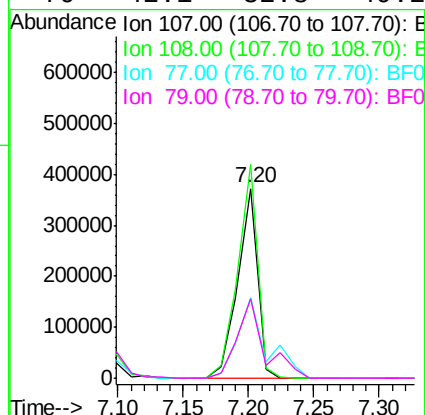
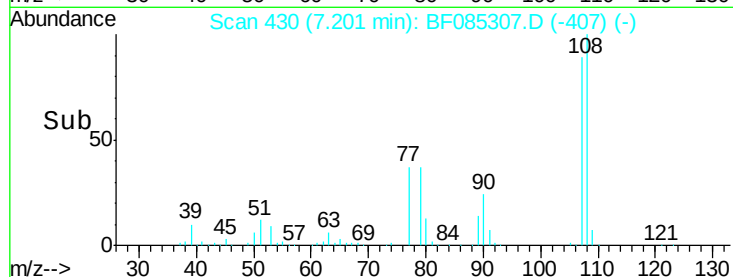
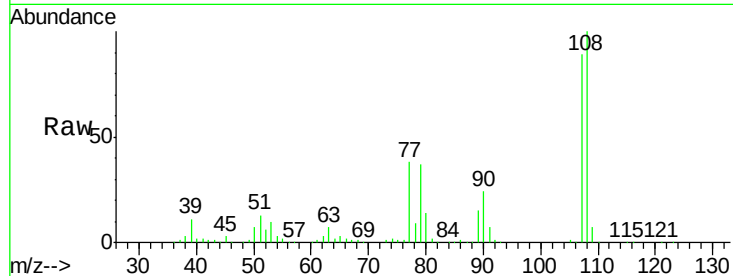




#17
2-Methylphenol
Concen: 42.45 ng
RT: 7.20 min Scan# 430
Delta R.T. -0.03 min
Lab File: BF085307.D
Acq: 9 Mar 2016 19:10

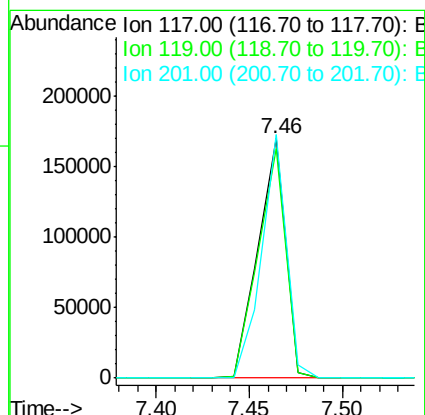
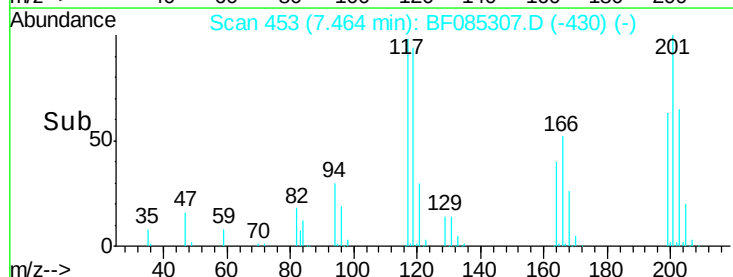
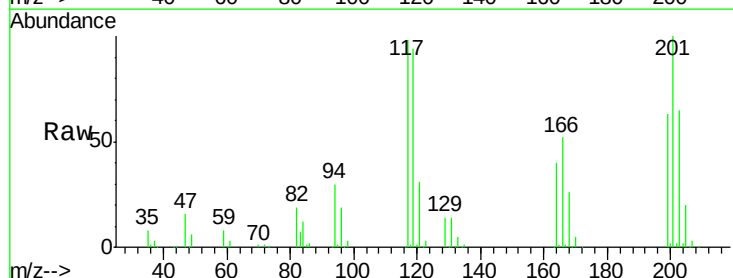
Instrument :
BNA_F
ClientSampleId :
PB88789BSD

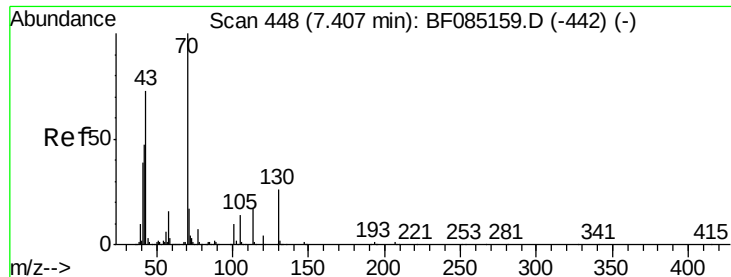
Tgt Ion:	107	Resp:	391129
Ion	Ratio	Lower	Upper
107	100		
108	112.5	90.9	136.3
77	42.5	32.6	48.8
79	42.1	32.8	49.2



#18
Hexachloroethane
Concen: 38.71 ng
RT: 7.46 min Scan# 453
Delta R.T. -0.03 min
Lab File: BF085307.D
Acq: 9 Mar 2016 19:10

Tgt Ion:	117	Resp:	173476
Ion	Ratio	Lower	Upper
117	100		
119	96.1	78.2	117.4
201	101.8	72.0	108.0

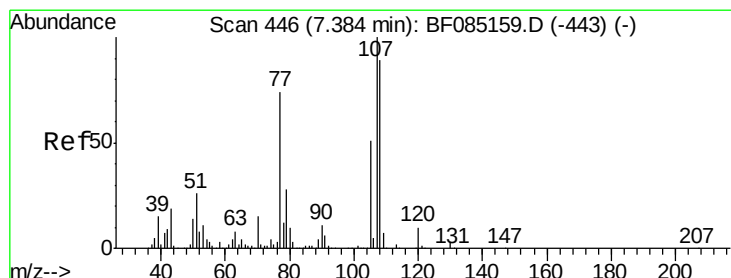
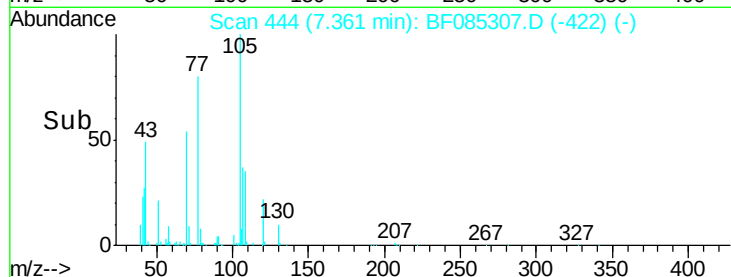
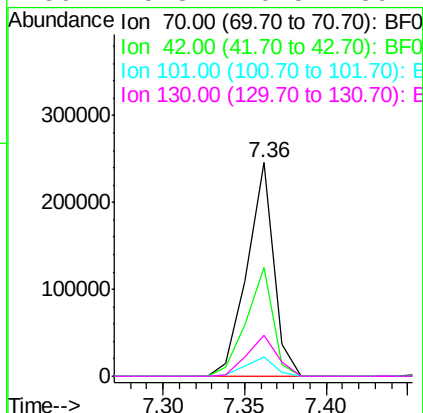
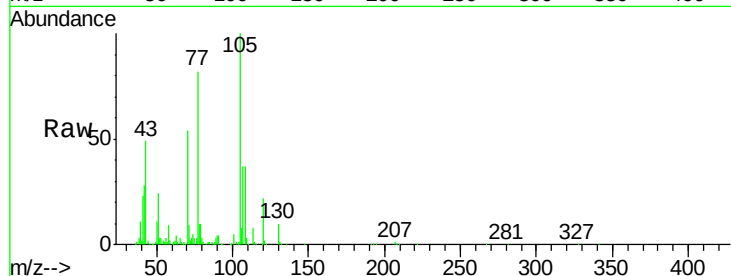




#19
n-Nitroso-di-n-propylamine
Concen: 34.82 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.05 min
Lab File: BF085307.D
Acq: 9 Mar 2016 19:10

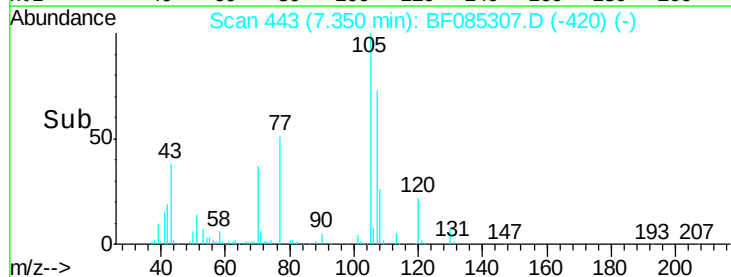
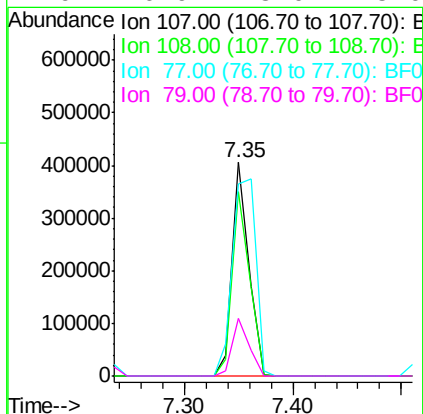
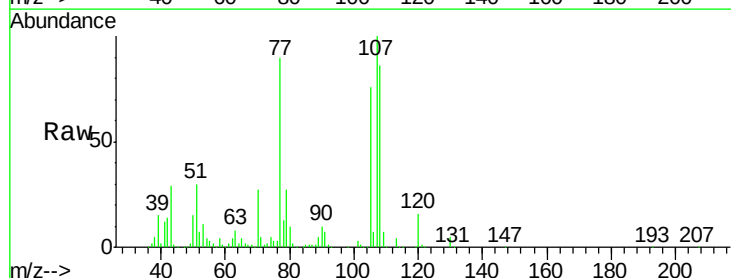
Instrument :
BNA_F
ClientSampleId :
PB88789BSD

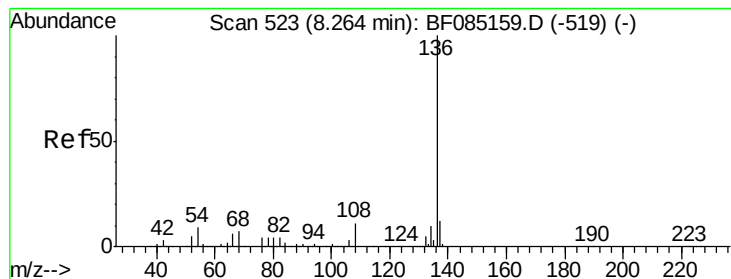
Tgt Ion: 70 Resp: 278816
Ion Ratio Lower Upper
70 100
42 51.1 37.7 56.5
101 8.9 8.2 12.4
130 19.3 20.5 30.7#



#20
3+4-Methylphenols
Concen: 39.16 ng
RT: 7.35 min Scan# 443
Delta R.T. -0.03 min
Lab File: BF085307.D
Acq: 9 Mar 2016 19:10

Tgt Ion: 107 Resp: 427329
Ion Ratio Lower Upper
107 100
108 86.3 68.8 108.8
77 90.0 53.6 93.6
79 26.9 8.0 48.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.23 min Scan# 520

Delta R.T. -0.03 min

Lab File: BF085307.D

Acq: 9 Mar 2016 19:10

Instrument :

BNA_F

ClientSampleId :

PB88789BSD

Tgt Ion:136 Resp: 627583

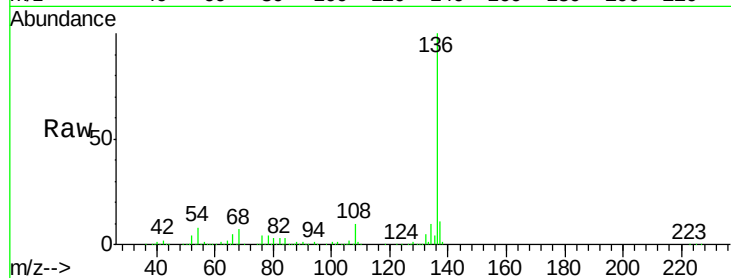
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 8.2 7.4 11.2

68 6.6 6.0 9.0

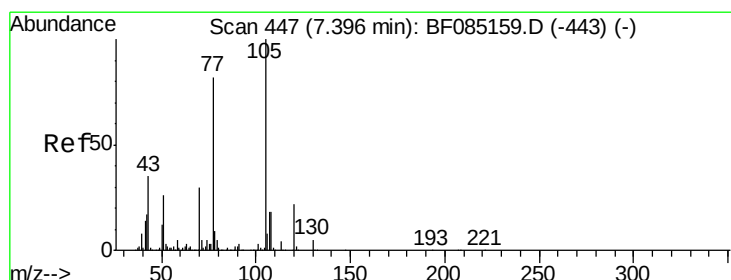
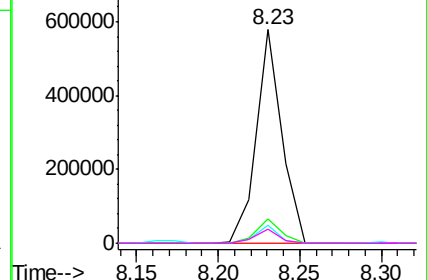
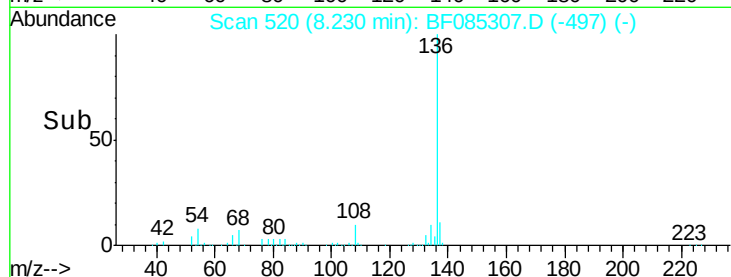


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.26 ng

RT: 7.36 min Scan# 444

Delta R.T. -0.03 min

Lab File: BF085307.D

Acq: 9 Mar 2016 19:10

Tgt Ion:105 Resp: 570689

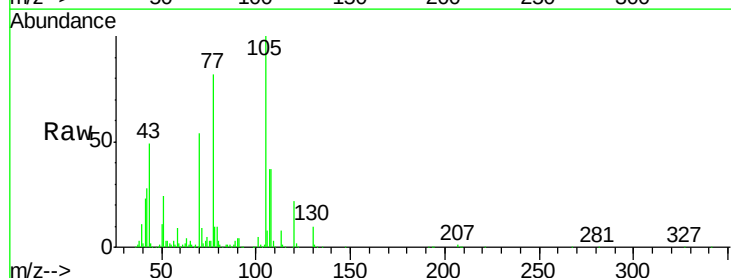
Ion Ratio Lower Upper

105 100

71 9.0 4.1 6.1#

51 23.8 21.1 31.7

120 22.2 17.3 25.9

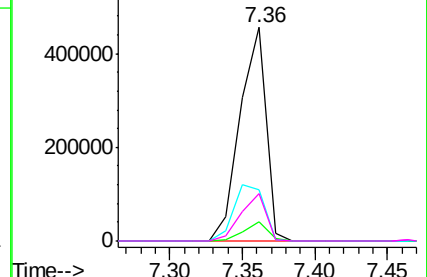
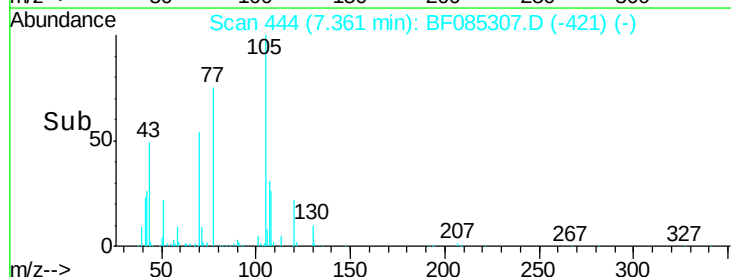


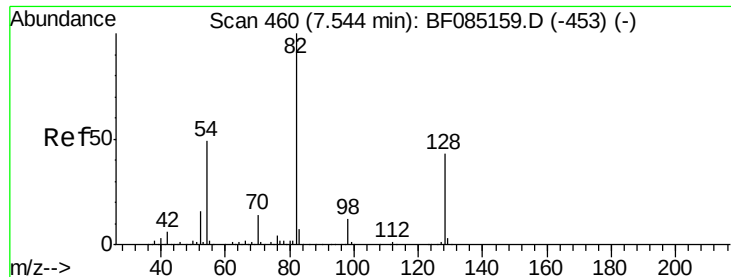
Abundance Ion 105.00 (104.70 to 105.70): E

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

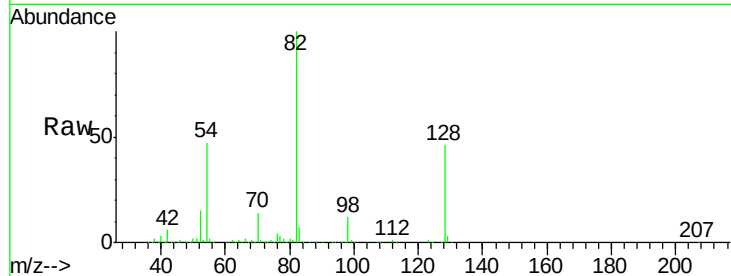




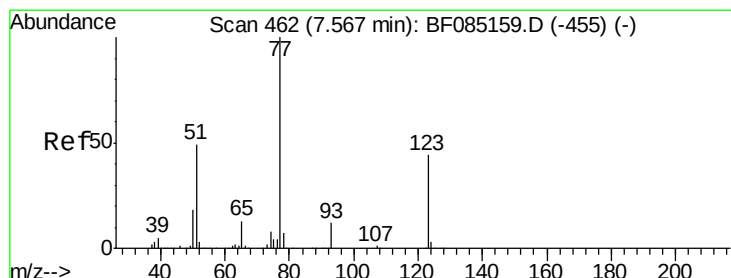
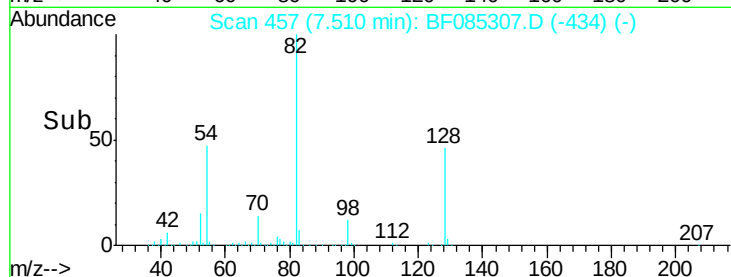
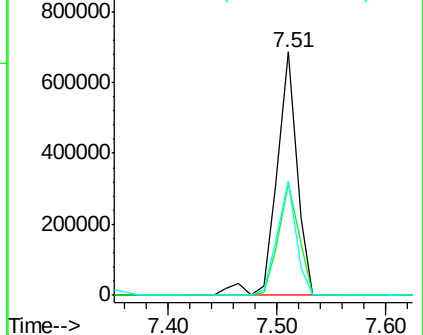
#23
 Nitrobenzene-d5
 Concen: 75.60 ng
 RT: 7.51 min Scan# 457
 Delta R.T. -0.03 min
 Lab File: BF085307.D
 Acq: 9 Mar 2016 19:10

Instrument :
 BNA_F
 ClientSampleId :
 PB88789BSD

Tgt Ion: 82 Resp: 886582
 Ion Ratio Lower Upper
 82 100
 128 45.7 34.5 51.7
 54 46.7 39.3 58.9

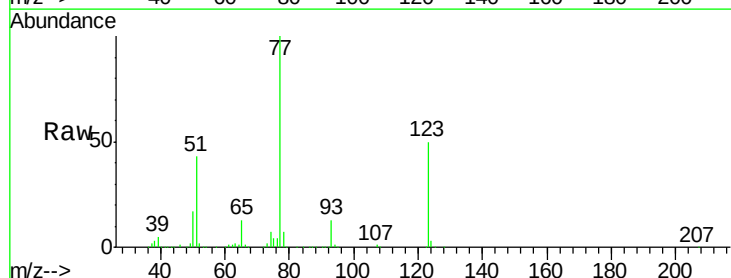


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

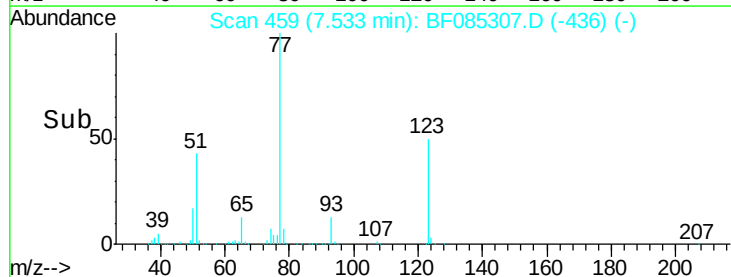
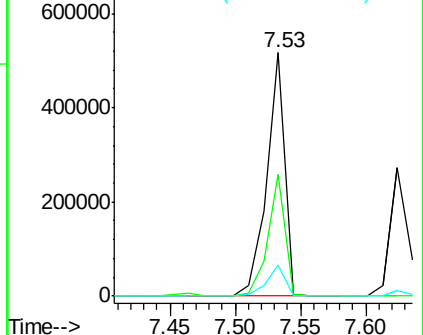


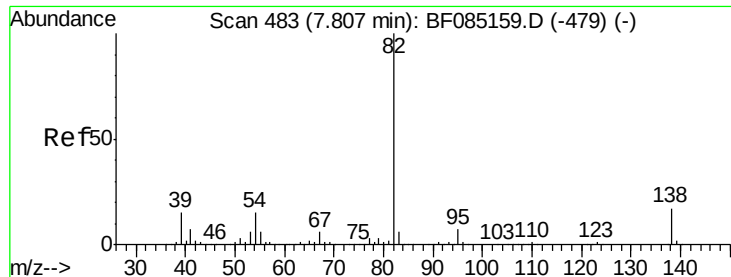
#24
 Nitrobenzene
 Concen: 41.84 ng
 RT: 7.53 min Scan# 459
 Delta R.T. -0.03 min
 Lab File: BF085307.D
 Acq: 9 Mar 2016 19:10

Tgt Ion: 77 Resp: 498441
 Ion Ratio Lower Upper
 77 100
 123 49.9 35.4 53.2
 65 12.6 10.6 16.0



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





#25

Isophorone

Concen: 39.13 ng

RT: 7.77 min Scan# 480

Delta R.T. -0.03 min

Lab File: BF085307.D

Acq: 9 Mar 2016 19:10

Instrument :

BNA_F

ClientSampleId :

PB88789BSD

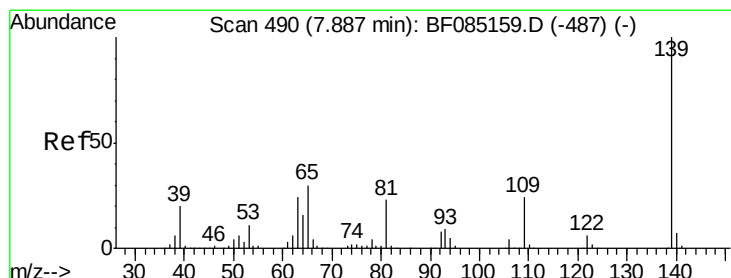
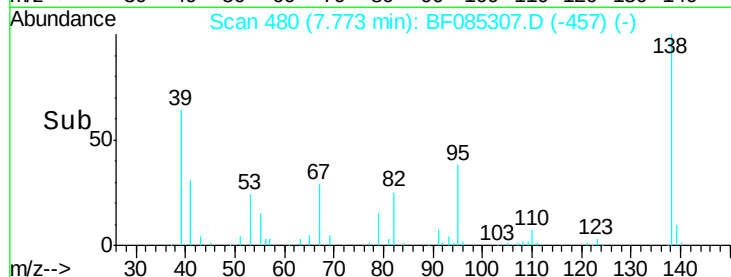
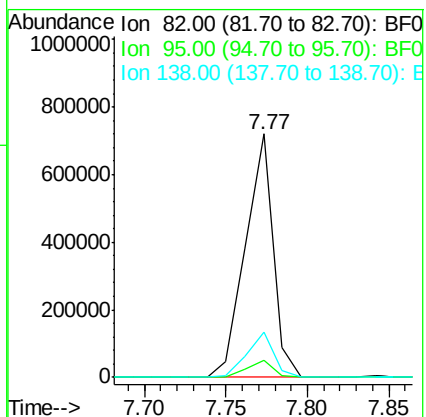
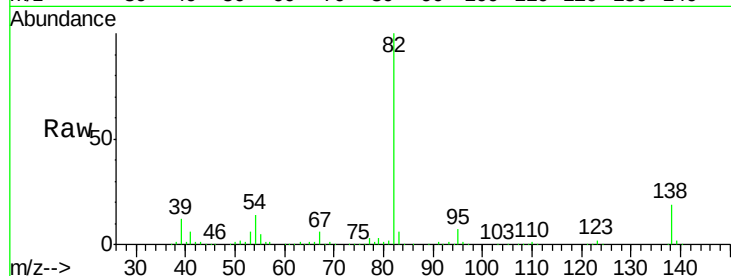
Tgt Ion: 82 Resp: 850366

Ion Ratio Lower Upper

82 100

95 7.2 5.4 8.2

138 18.8 13.3 19.9



#26

2-Nitrophenol

Concen: 40.93 ng

RT: 7.85 min Scan# 487

Delta R.T. -0.03 min

Lab File: BF085307.D

Acq: 9 Mar 2016 19:10

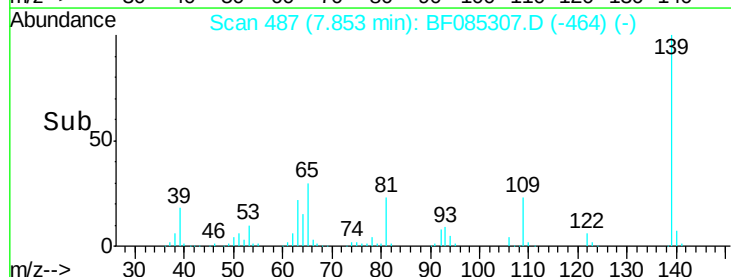
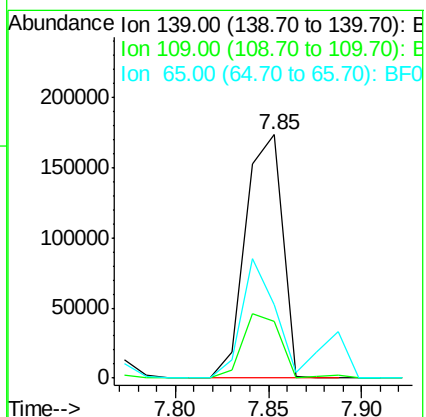
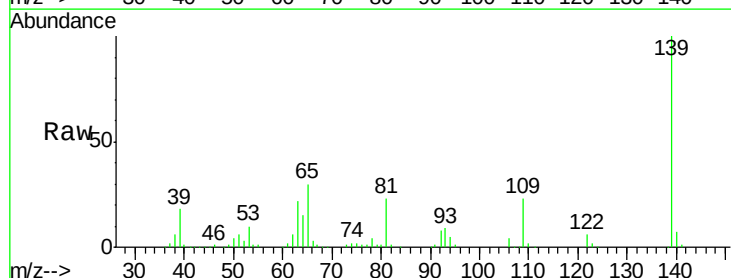
Tgt Ion: 139 Resp: 237274

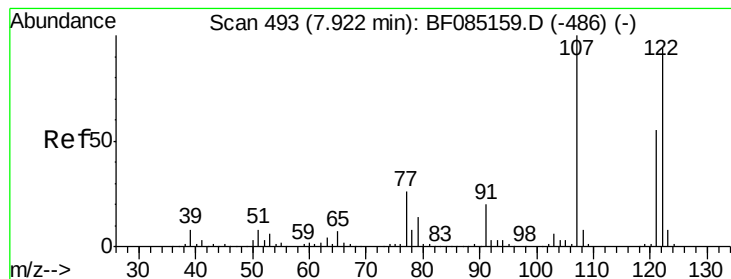
Ion Ratio Lower Upper

139 100

109 23.4 19.1 28.7

65 30.2 23.9 35.9

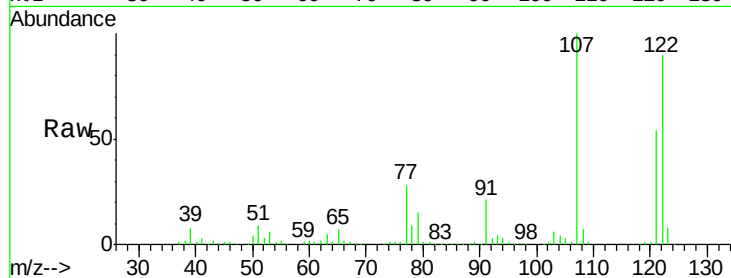




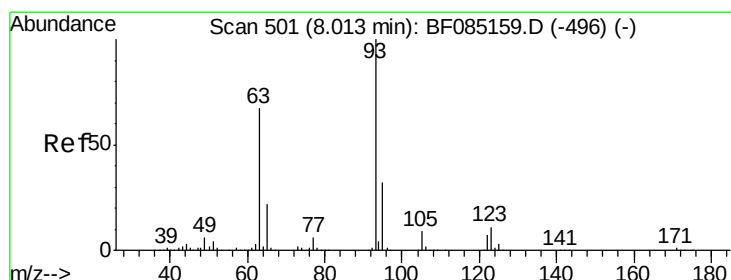
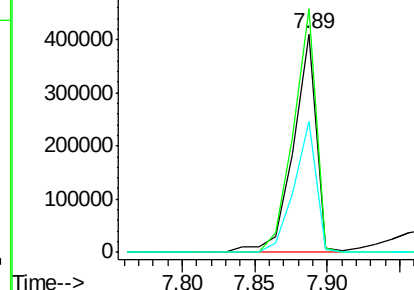
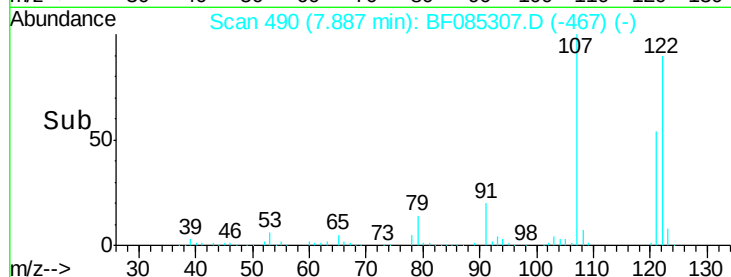
#27
 2,4-Dimethylphenol
 Concen: 42.73 ng
 RT: 7.89 min Scan# 490
 Delta R.T. -0.03 min
 Lab File: BF085307.D
 Acq: 9 Mar 2016 19:10

Instrument :
 BNA_F
 ClientSampleId :
 PB88789BSD

Tgt Ion: 122 Resp: 452772
 Ion Ratio Lower Upper
 122 100
 107 111.4 84.8 127.2
 121 59.7 47.0 70.6

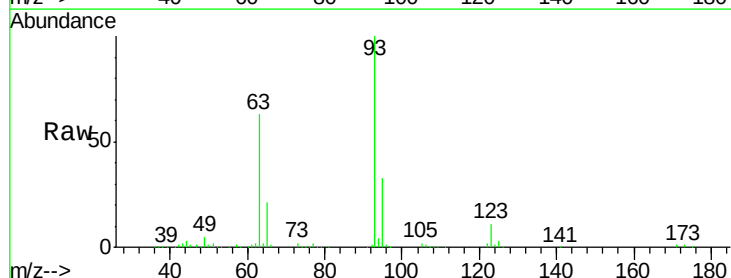


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

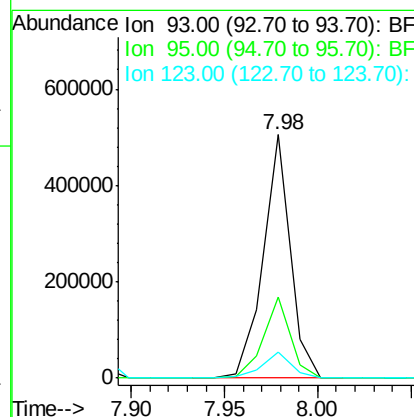
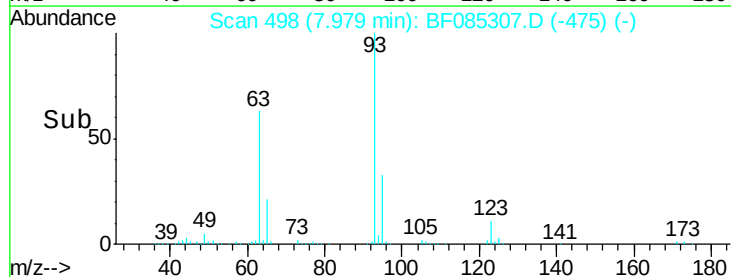


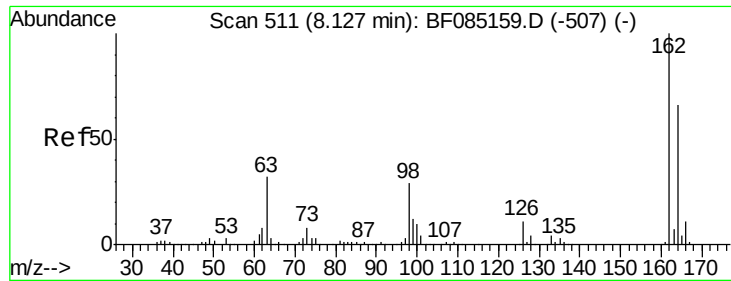
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.72 ng
 RT: 7.98 min Scan# 498
 Delta R.T. -0.03 min
 Lab File: BF085307.D
 Acq: 9 Mar 2016 19:10

Tgt Ion: 93 Resp: 504954
 Ion Ratio Lower Upper
 93 100
 95 33.1 25.9 38.9
 123 10.6 8.8 13.2



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

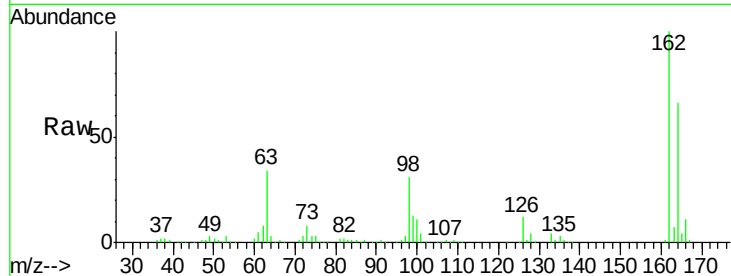




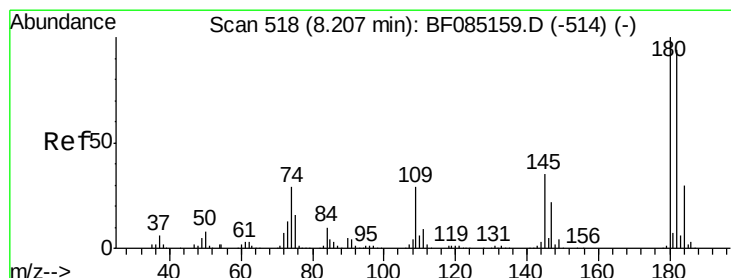
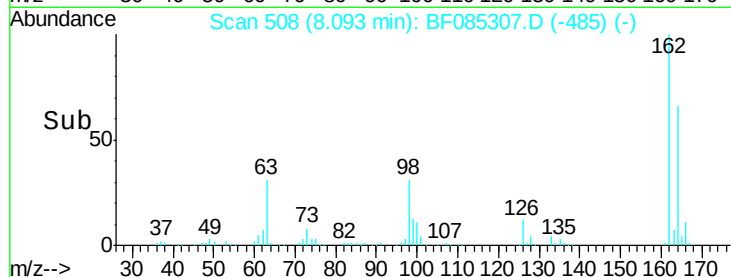
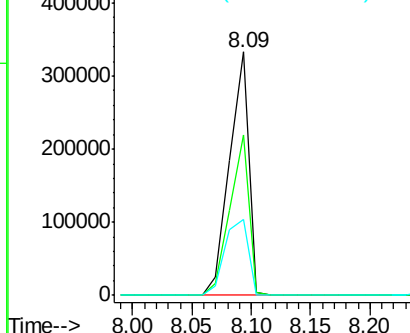
#29
2,4-Dichlorophenol
Concen: 44.23 ng
RT: 8.09 min Scan# 508
Delta R.T. -0.03 min
Lab File: BF085307.D
Acq: 9 Mar 2016 19:10

Instrument :
BNA_F
ClientSampleId :
PB88789BSD

Tgt Ion:162 Resp: 377983
Ion Ratio Lower Upper
162 100
164 65.6 45.7 85.7
98 31.1 9.4 49.4

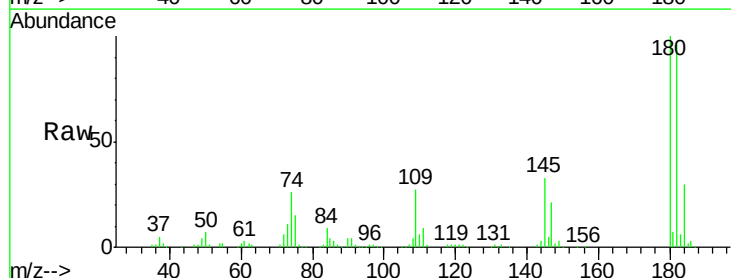


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

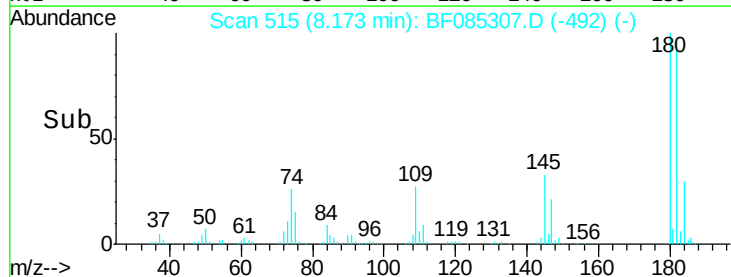
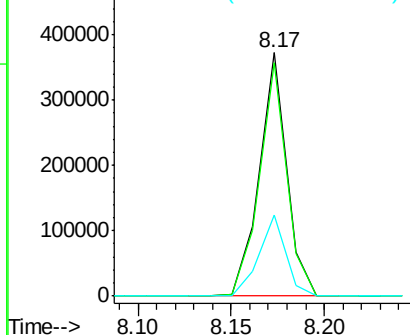


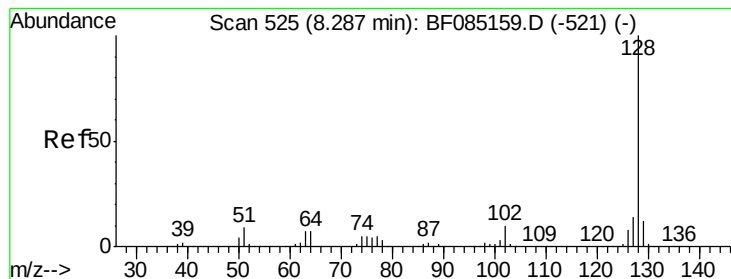
#30
1,2,4-Trichlorobenzene
Concen: 40.81 ng
RT: 8.17 min Scan# 515
Delta R.T. -0.03 min
Lab File: BF085307.D
Acq: 9 Mar 2016 19:10

Tgt Ion:180 Resp: 377007
Ion Ratio Lower Upper
180 100
182 96.1 74.9 112.3
145 33.4 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: 39.02 ng

RT: 8.25 min Scan# 522

Delta R.T. -0.03 min

Lab File: BF085307.D

Acq: 9 Mar 2016 19:10

Instrument :

BNA_F

ClientSampleId :

PB88789BSD

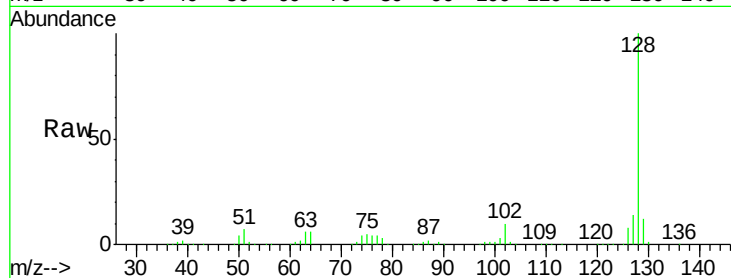
Tgt Ion:128 Resp: 1204166

Ion Ratio Lower Upper

128 100

129 11.7 9.7 14.5

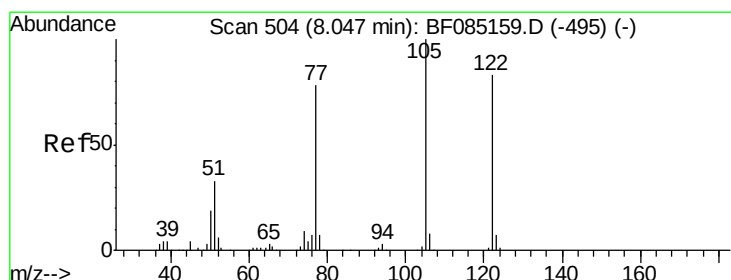
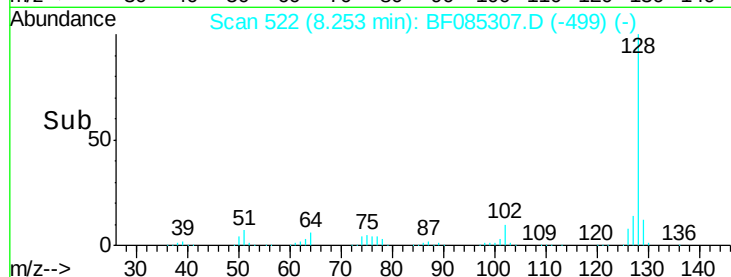
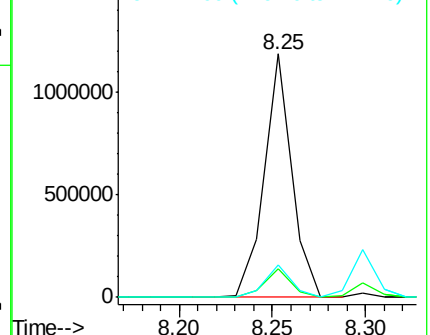
127 13.6 11.2 16.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 14.40 ng

RT: 7.97 min Scan# 497

Delta R.T. -0.08 min

Lab File: BF085307.D

Acq: 9 Mar 2016 19:10

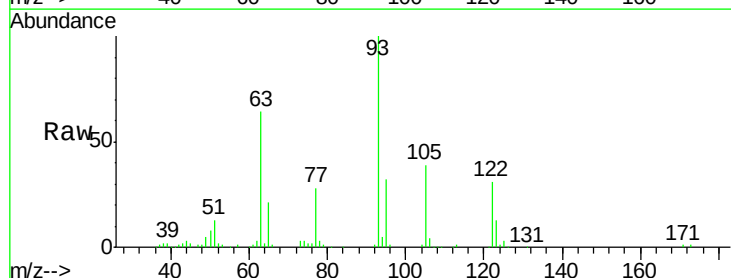
Tgt Ion:122 Resp: 101371

Ion Ratio Lower Upper

122 100

105 122.8 101.3 141.3

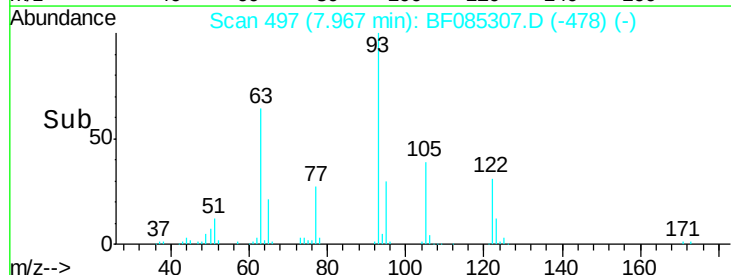
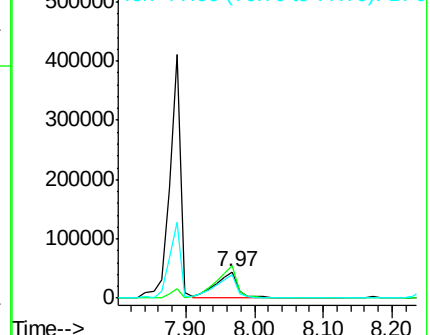
77 88.3 74.7 114.7

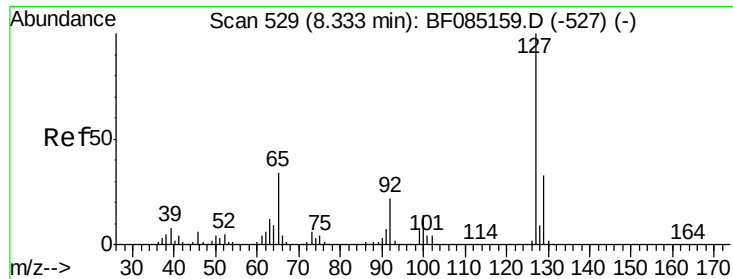


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

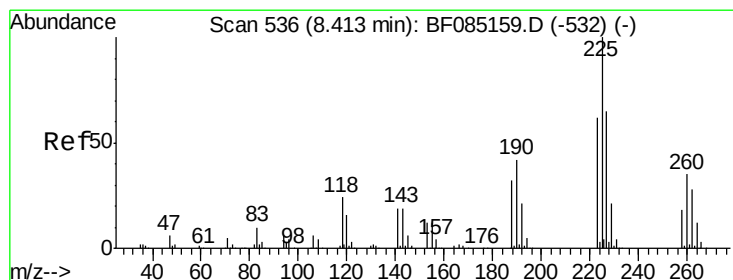
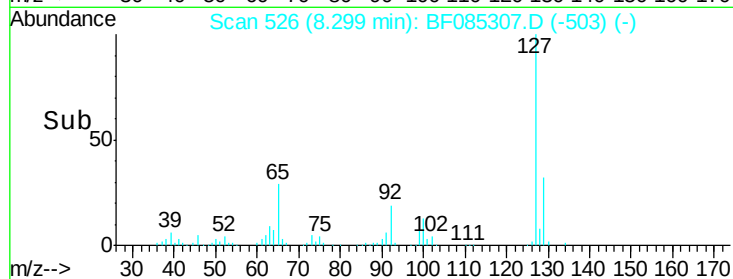
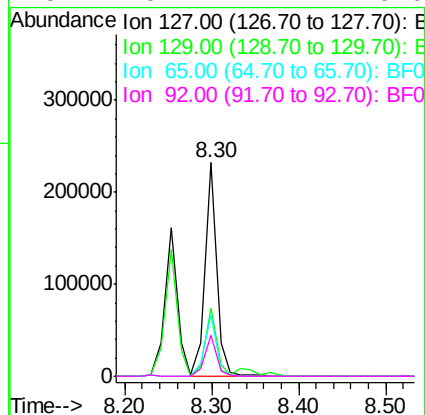
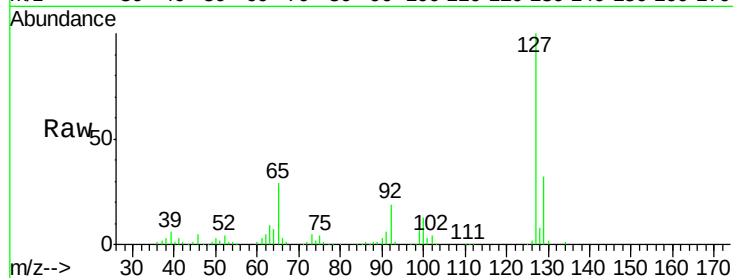




#33
4-Chloroaniline
Concen: 17.32 ng
RT: 8.30 min Scan# 526
Delta R.T. -0.03 min
Lab File: BF085307.D
Acq: 9 Mar 2016 19:10

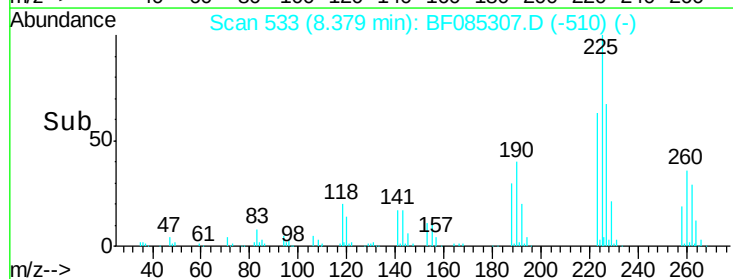
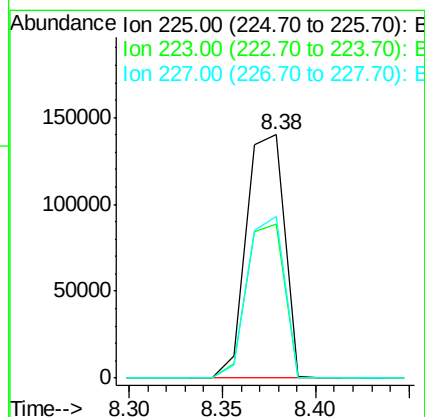
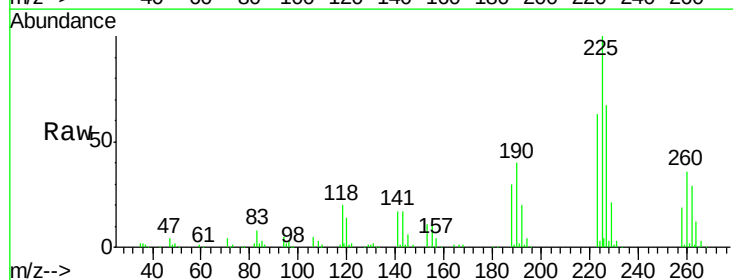
Instrument :
BNA_F
ClientSampleId :
PB88789BSD

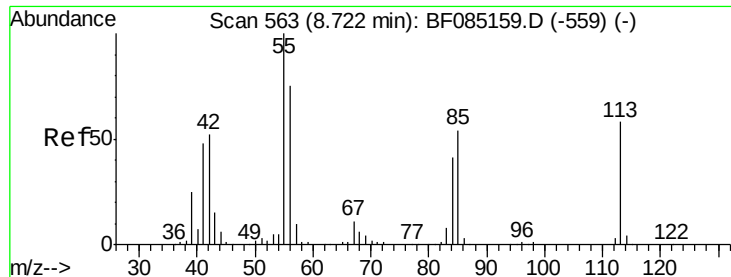
Tgt Ion:	127	Resp:	216160
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.1	39.1
65	28.6	27.0	40.6
92	19.4	17.4	26.0



#34
Hexachlorobutadiene
Concen: 40.98 ng
RT: 8.38 min Scan# 533
Delta R.T. -0.03 min
Lab File: BF085307.D
Acq: 9 Mar 2016 19:10

Tgt Ion:	225	Resp:	197021
Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.7	74.5
227	66.6	52.2	78.4

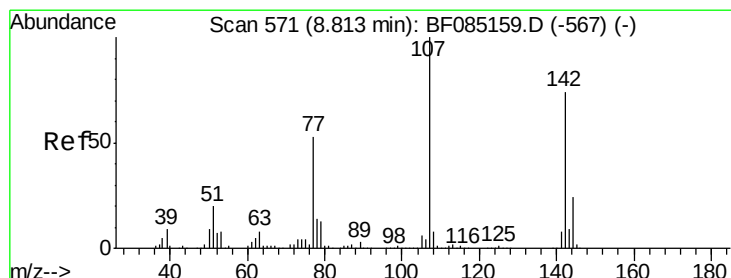
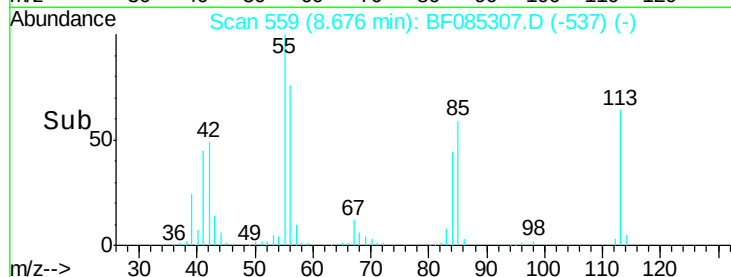
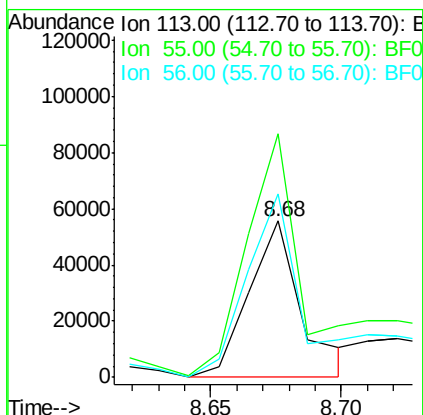
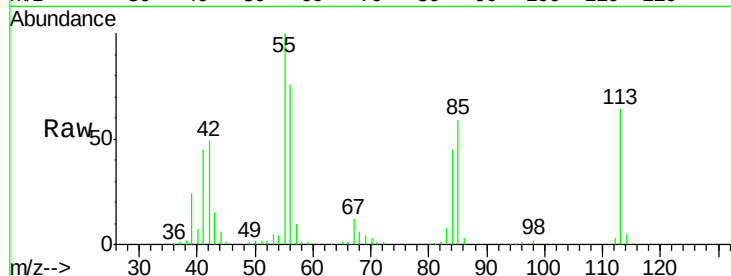




#35
 Caprolactam
 Concen: 27.52 ng
 RT: 8.68 min Scan# 559
 Delta R.T. -0.05 min
 Lab File: BF085307.D
 Acq: 9 Mar 2016 19:10

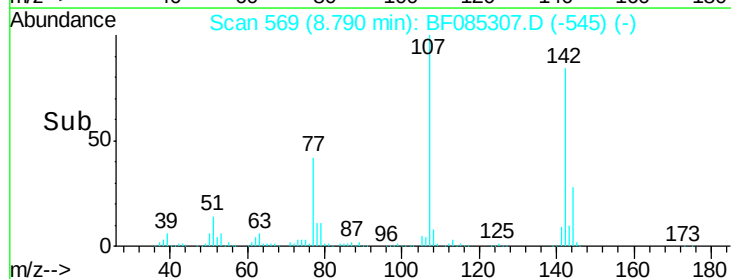
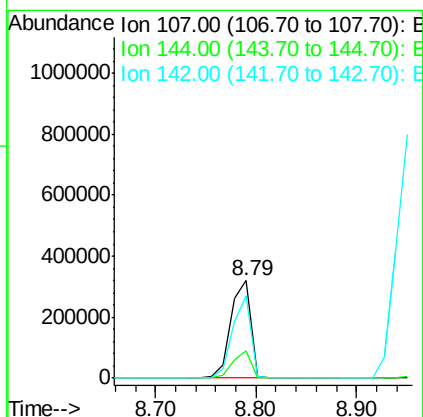
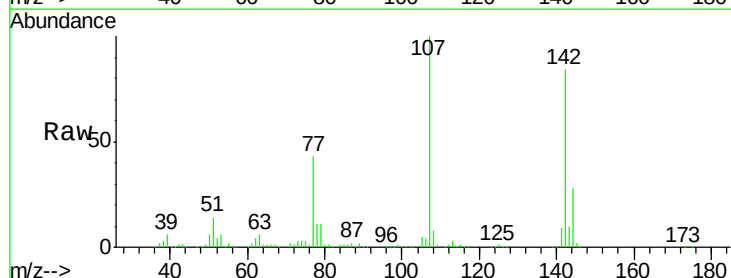
Instrument :
 BNA_F
 ClientSampleId :
 PB88789BSD

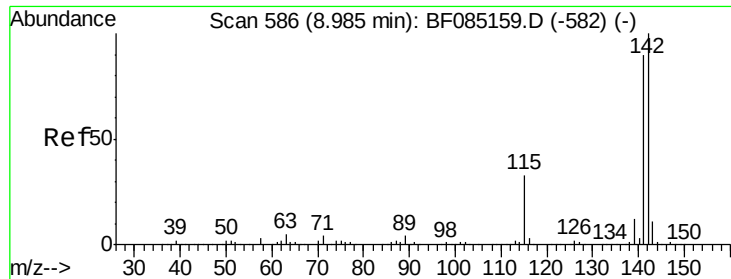
Tgt Ion:113 Resp: 76795
 Ion Ratio Lower Upper
 113 100
 55 156.1 152.7 192.7
 56 117.9 109.0 149.0



#36
 4-Chloro-3-methylphenol
 Concen: 45.09 ng
 RT: 8.79 min Scan# 569
 Delta R.T. -0.02 min
 Lab File: BF085307.D
 Acq: 9 Mar 2016 19:10

Tgt Ion:107 Resp: 437133
 Ion Ratio Lower Upper
 107 100
 144 28.0 19.4 29.2
 142 84.0 59.4 89.2

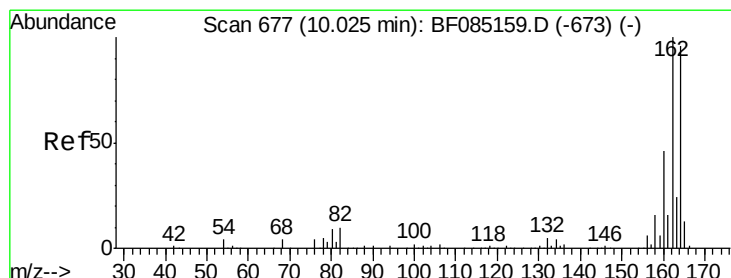
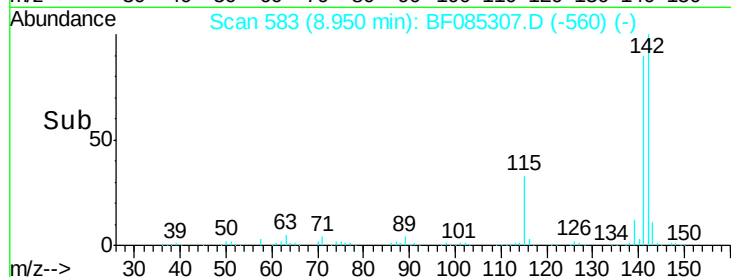
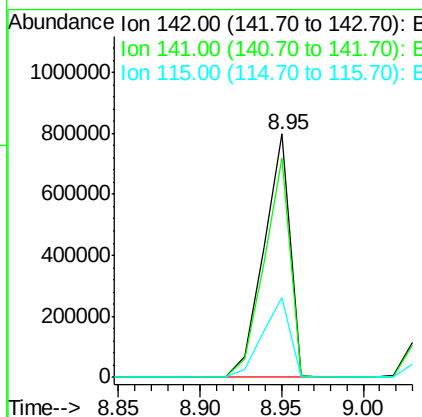
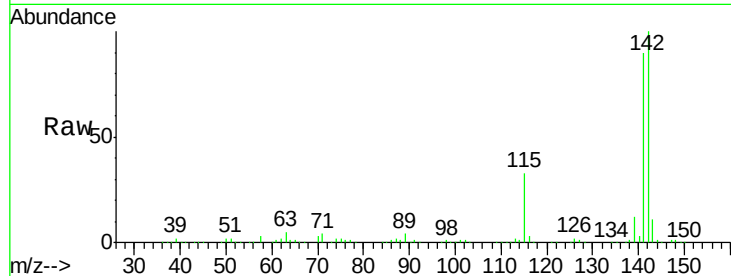




#37
 2-Methylnaphthalene
 Concen: 44.98 ng
 RT: 8.95 min Scan# 583
 Delta R.T. -0.03 min
 Lab File: BF085307.D
 Acq: 9 Mar 2016 19:10

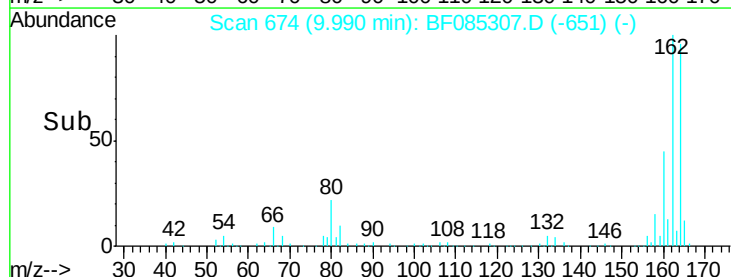
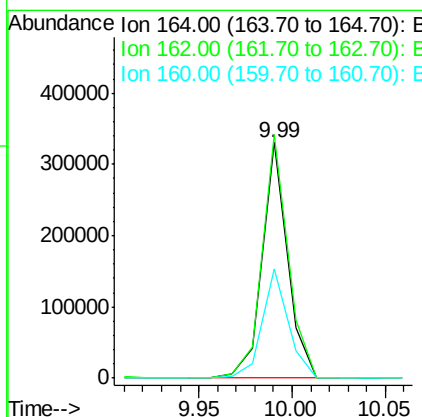
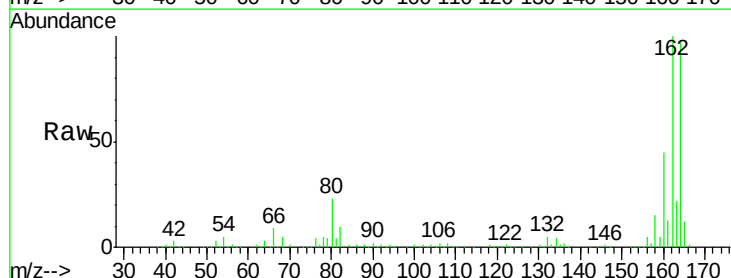
Instrument :
 BNA_F
 ClientSampleId :
 PB88789BSD

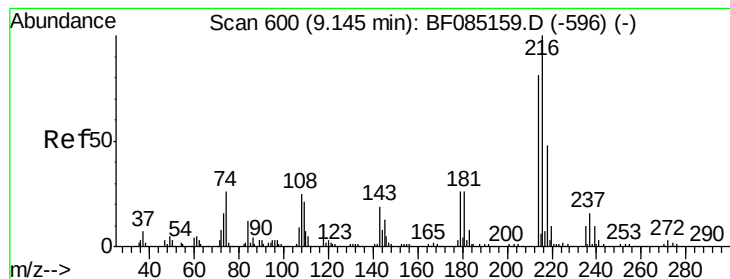
Tgt Ion:142 Resp: 890746
 Ion Ratio Lower Upper
 142 100
 141 90.1 71.7 107.5
 115 32.6 26.2 39.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.99 min Scan# 674
 Delta R.T. -0.03 min
 Lab File: BF085307.D
 Acq: 9 Mar 2016 19:10

Tgt Ion:164 Resp: 308362
 Ion Ratio Lower Upper
 164 100
 162 103.4 83.3 124.9
 160 46.3 37.9 56.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.04 ng

RT: 9.11 min Scan# 597

Delta R.T. -0.03 min

Lab File: BF085307.D

Acq: 9 Mar 2016 19:10

Instrument :

BNA_F

ClientSampleId :

PB88789BSD

Tgt Ion:216 Resp: 326617

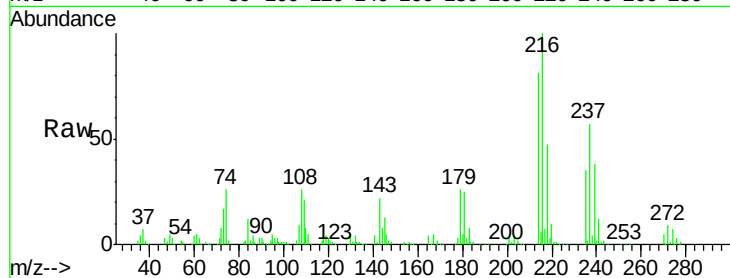
Ion Ratio Lower Upper

216 100

214 79.1 63.8 95.6

179 22.7 19.6 29.4

108 23.1 19.6 29.4

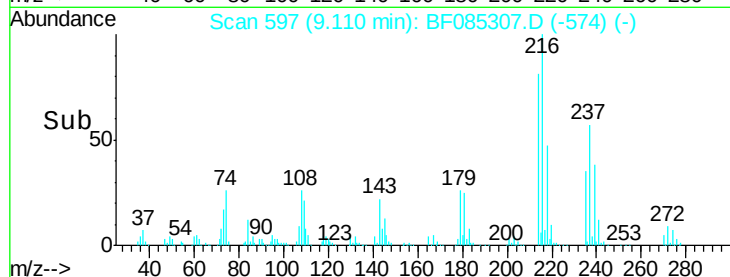


Abundance Ion 216.00 (215.70 to 216.70): E

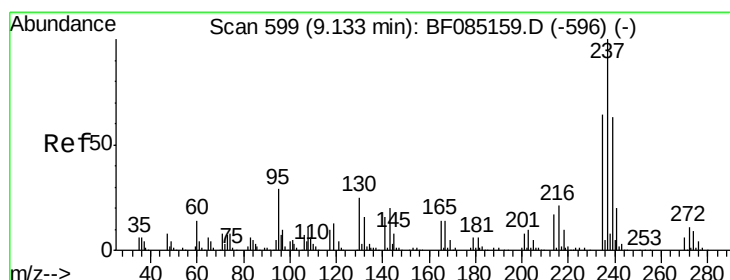
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 79.34 ng

RT: 9.10 min Scan# 596

Delta R.T. -0.03 min

Lab File: BF085307.D

Acq: 9 Mar 2016 19:10

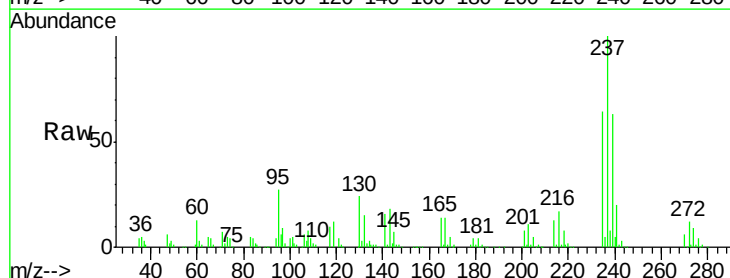
Tgt Ion:237 Resp: 377367

Ion Ratio Lower Upper

237 100

235 64.2 43.7 83.7

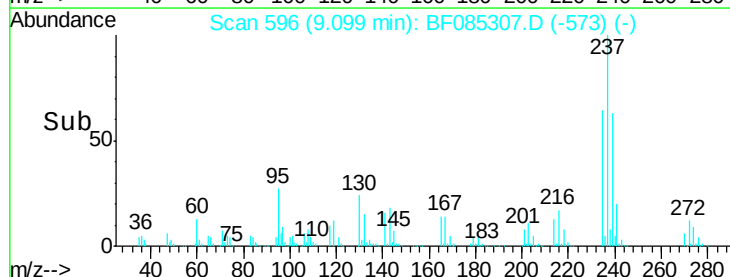
272 11.8 0.0 31.5



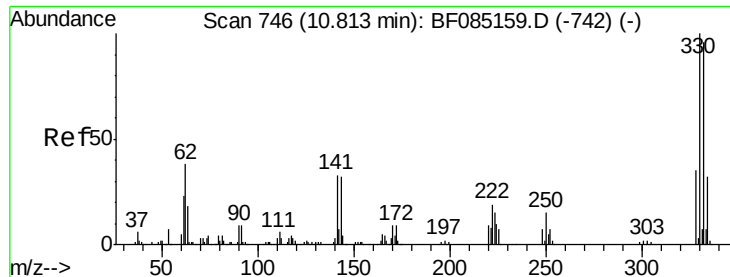
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



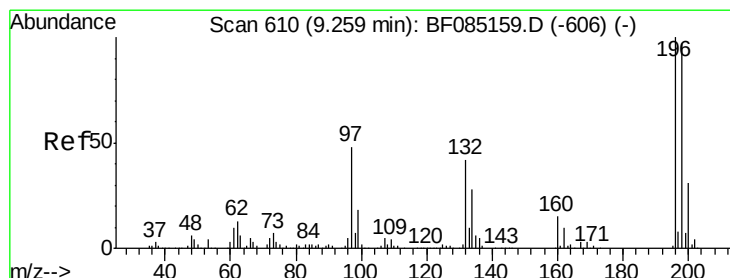
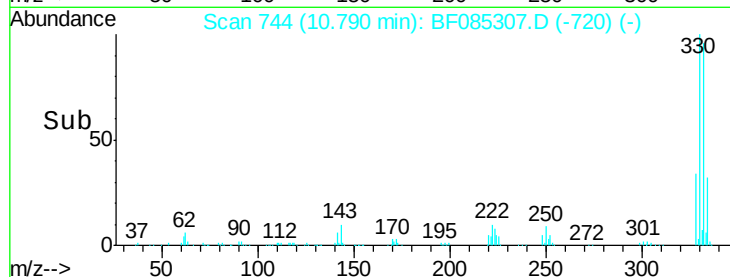
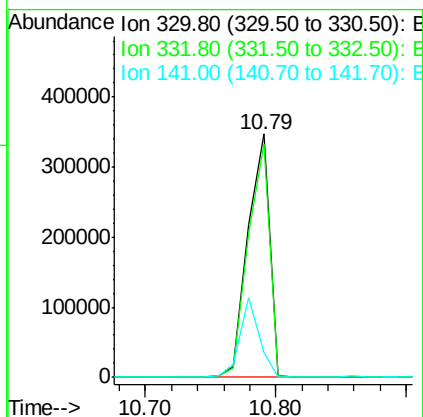
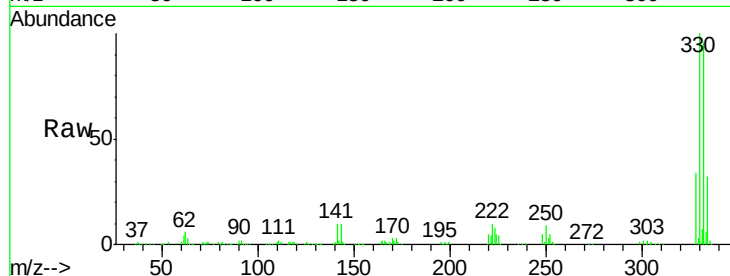
Time-->



#41
 2,4,6-Tribromophenol
 Concen: 152.26 ng
 RT: 10.79 min Scan# 744
 Delta R.T. -0.02 min
 Lab File: BF085307.D
 Acq: 9 Mar 2016 19:10

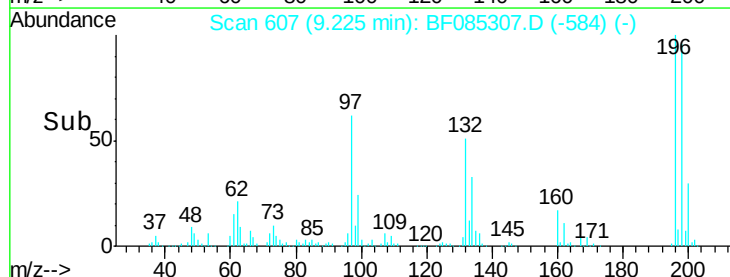
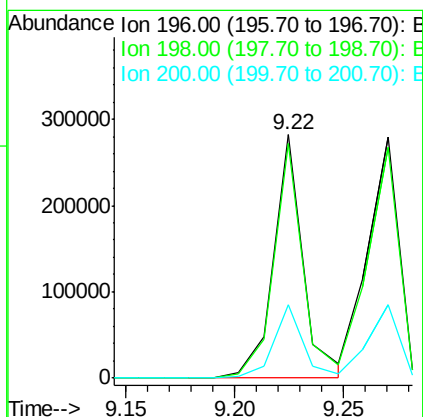
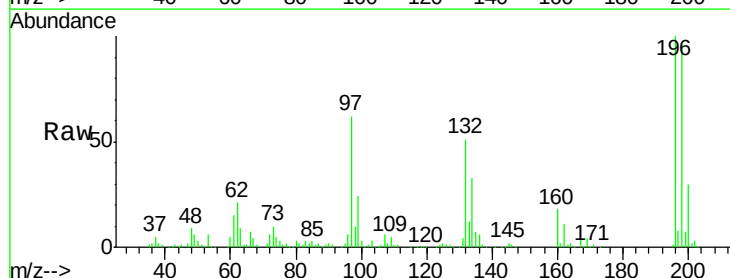
Instrument :
 BNA_F
 ClientSampleId :
 PB88789BSD

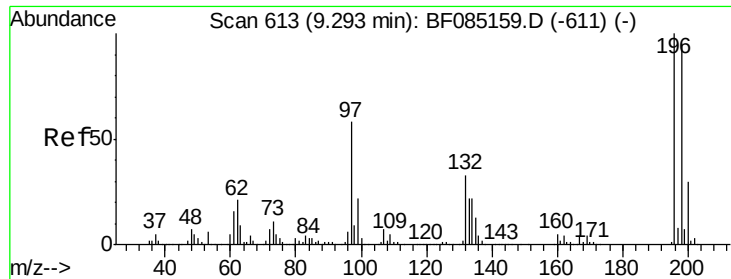
Tgt Ion:330 Resp: 401753
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.1 115.7
 141 29.1 35.0 52.6#



#42
 2,4,6-Trichlorophenol
 Concen: 41.04 ng
 RT: 9.22 min Scan# 607
 Delta R.T. -0.03 min
 Lab File: BF085307.D
 Acq: 9 Mar 2016 19:10

Tgt Ion:196 Resp: 269409
 Ion Ratio Lower Upper
 196 100
 198 96.1 77.8 116.6
 200 30.2 25.0 37.6

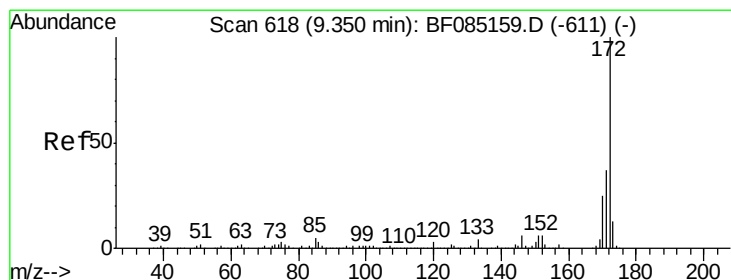
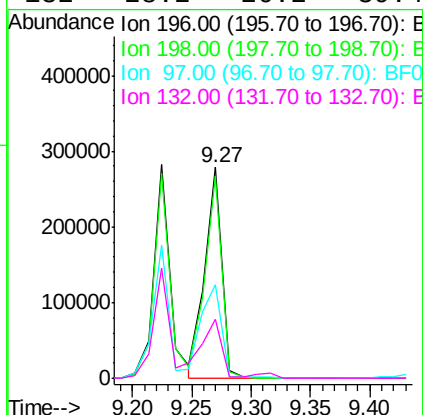
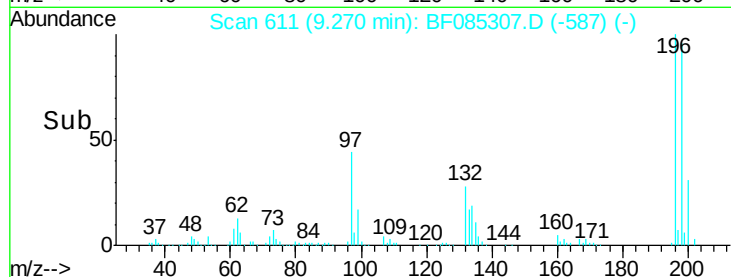
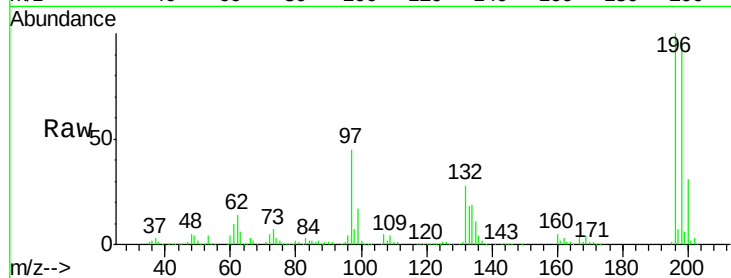




#43
 2,4,5-Trichlorophenol
 Concen: 44.81 ng
 RT: 9.27 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF085307.D
 Acq: 9 Mar 2016 19:10

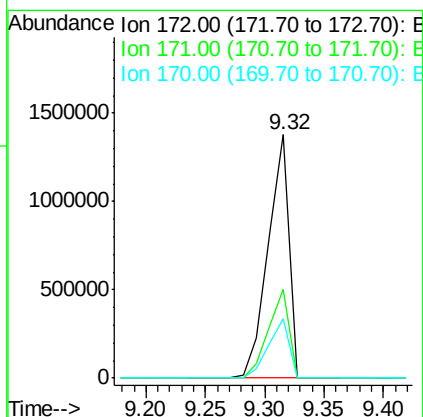
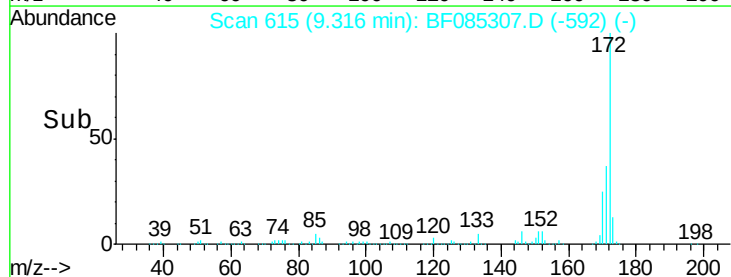
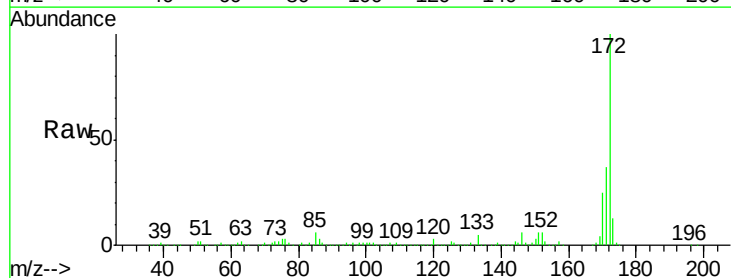
Instrument :
 BNA_F
 ClientSampleId :
 PB88789BSD

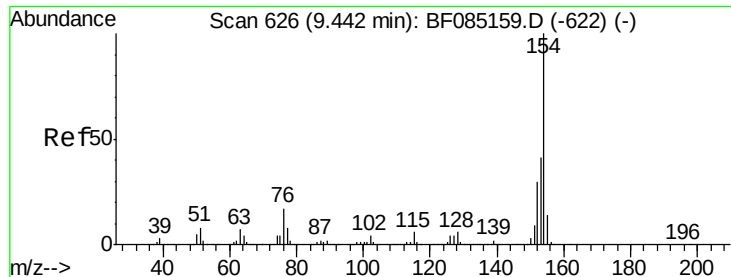
Tgt Ion:196 Resp: 278924
 Ion Ratio Lower Upper
 196 100
 198 95.7 75.7 113.5
 97 44.6 46.4 69.6#
 132 28.2 26.2 39.4



#44
 2-Fluorobiphenyl
 Concen: 83.62 ng
 RT: 9.32 min Scan# 615
 Delta R.T. -0.03 min
 Lab File: BF085307.D
 Acq: 9 Mar 2016 19:10

Tgt Ion:172 Resp: 1695553
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.3 43.9
 170 24.6 20.0 30.0

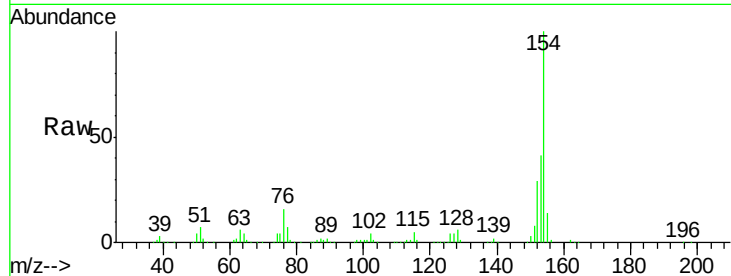




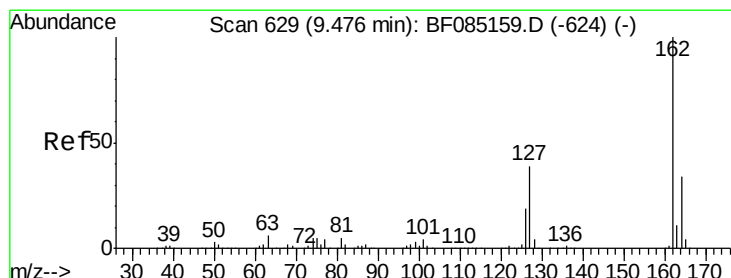
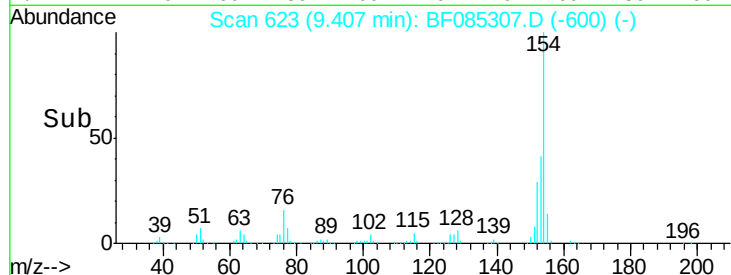
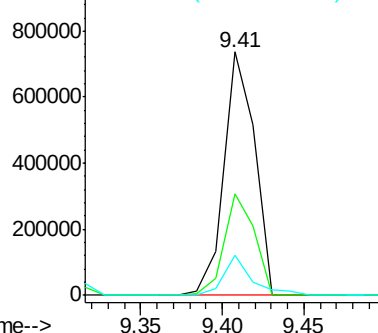
#45
 1,1'-Biphenyl
 Concen: 36.42 ng
 RT: 9.41 min Scan# 623
 Delta R.T. -0.03 min
 Lab File: BF085307.D
 Acq: 9 Mar 2016 19:10

Instrument :
 BNA_F
 ClientSampleId :
 PB88789BSD

Tgt Ion:154 Resp: 959562
 Ion Ratio Lower Upper
 154 100
 153 41.5 21.4 61.4
 76 16.4 0.0 37.5

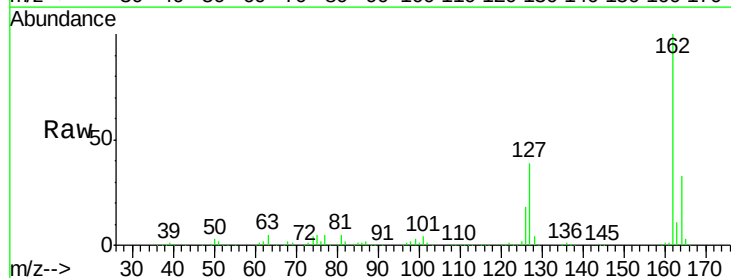


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

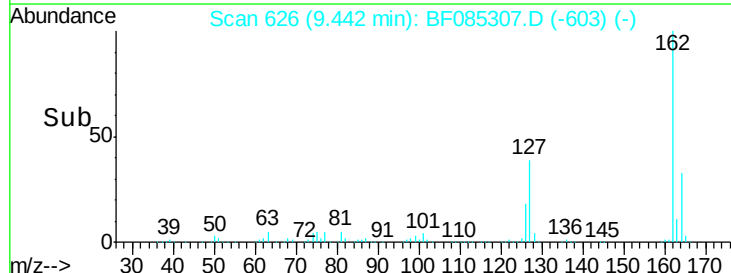
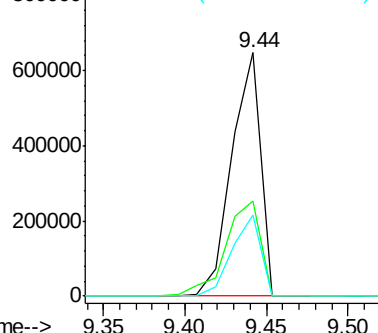


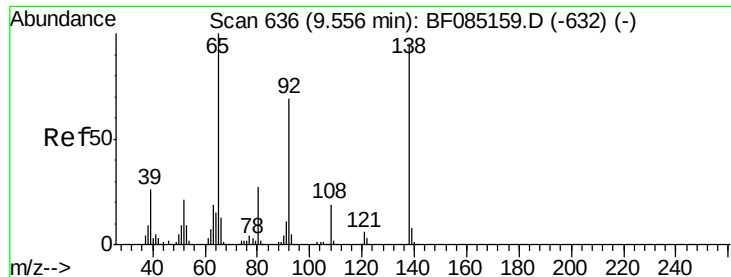
#46
 2-Chloronaphthalene
 Concen: 39.86 ng
 RT: 9.44 min Scan# 626
 Delta R.T. -0.03 min
 Lab File: BF085307.D
 Acq: 9 Mar 2016 19:10

Tgt Ion:162 Resp: 800499
 Ion Ratio Lower Upper
 162 100
 127 38.9 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

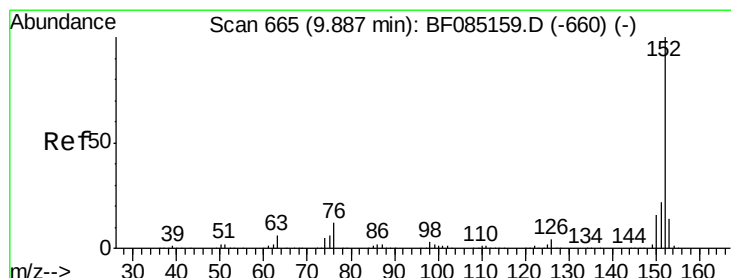
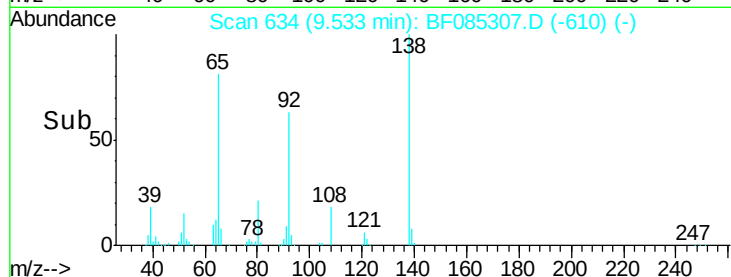
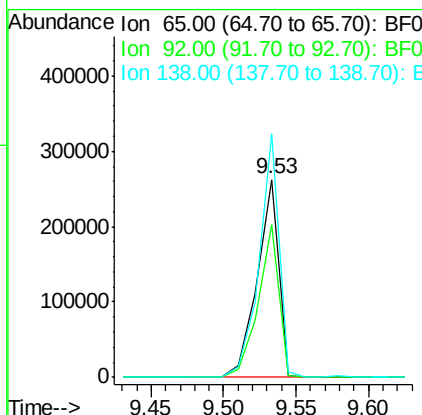
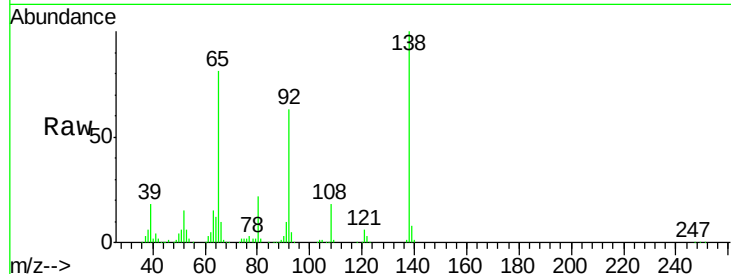




#47
2-Nitroaniline
Concen: 43.41 ng
RT: 9.53 min Scan# 634
Delta R.T. -0.02 min
Lab File: BF085307.D
Acq: 9 Mar 2016 19:10

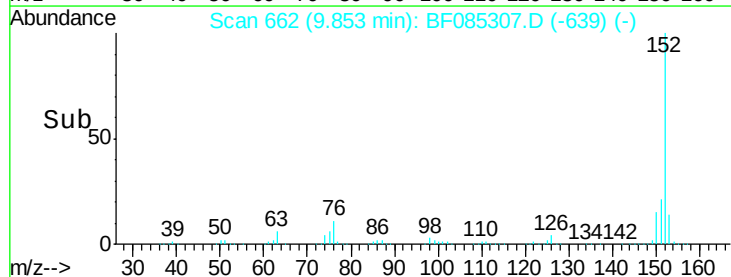
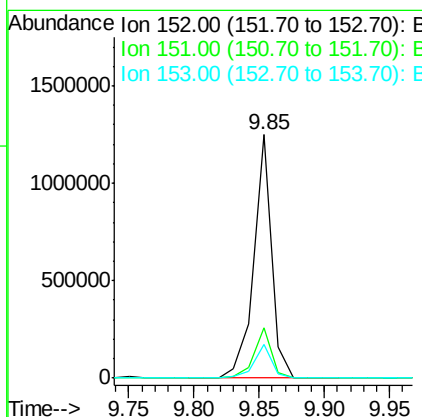
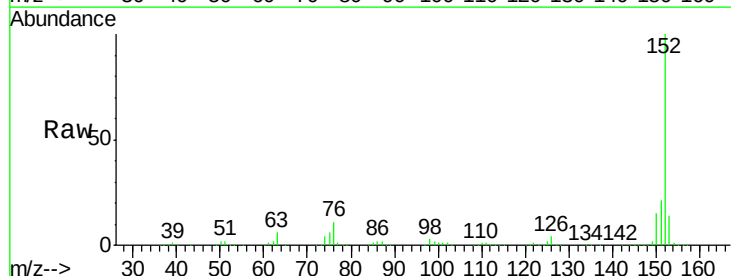
Instrument :
BNA_F
ClientSampleId :
PB88789BSD

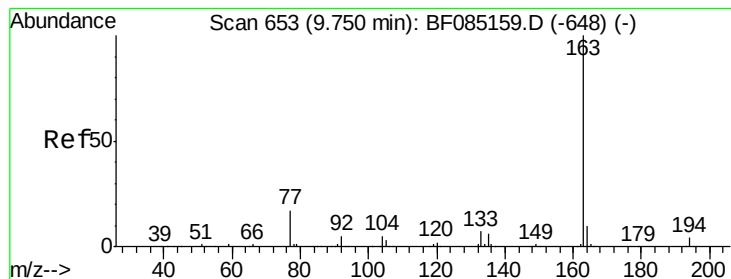
Tgt Ion: 65 Resp: 270161
Ion Ratio Lower Upper
65 100
92 77.5 55.4 83.2
138 123.1 75.7 113.5#



#48
Acenaphthylene
Concen: 38.24 ng
RT: 9.85 min Scan# 662
Delta R.T. -0.03 min
Lab File: BF085307.D
Acq: 9 Mar 2016 19:10

Tgt Ion: 152 Resp: 1195290
Ion Ratio Lower Upper
152 100
151 20.8 17.5 26.3
153 13.9 11.3 16.9





#49

Dimethylphthalate

Concen: 39.93 ng

RT: 9.72 min Scan# 650

Delta R.T. -0.03 min

Lab File: BF085307.D

Acq: 9 Mar 2016 19:10

Instrument :

BNA_F

ClientSampleId :

PB88789BSD

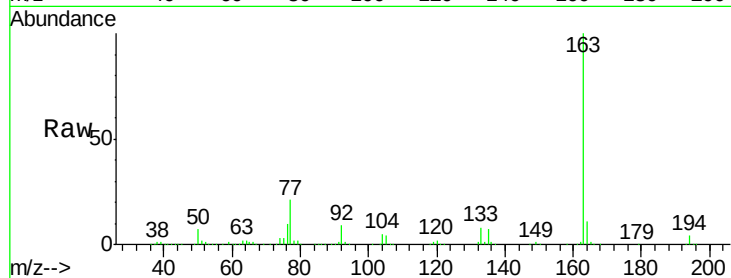
Tgt Ion:163 Resp: 945055

Ion Ratio Lower Upper

163 100

194 3.6 3.1 4.7

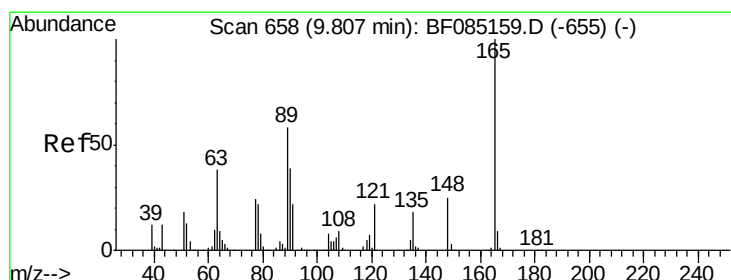
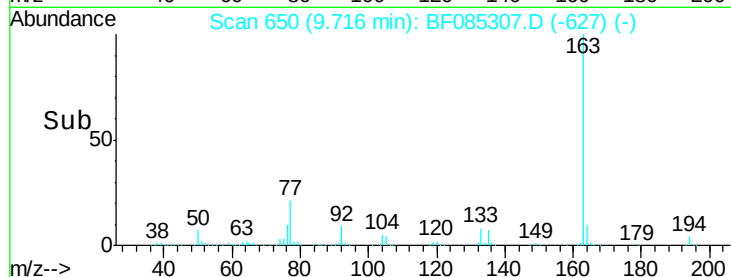
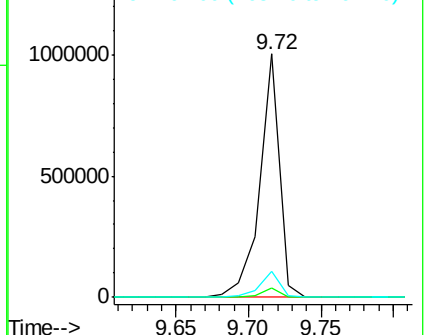
164 10.5 8.2 12.4



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: 38.44 ng

RT: 9.77 min Scan# 655

Delta R.T. -0.03 min

Lab File: BF085307.D

Acq: 9 Mar 2016 19:10

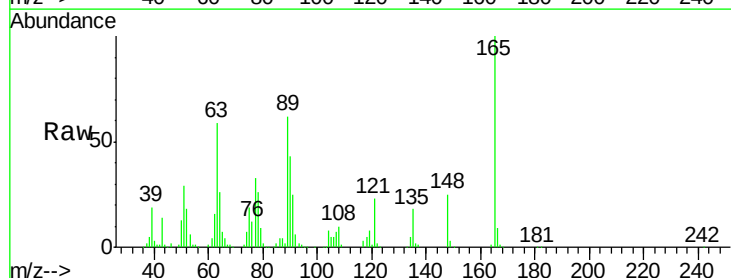
Tgt Ion:165 Resp: 194617

Ion Ratio Lower Upper

165 100

63 59.2 41.8 62.8

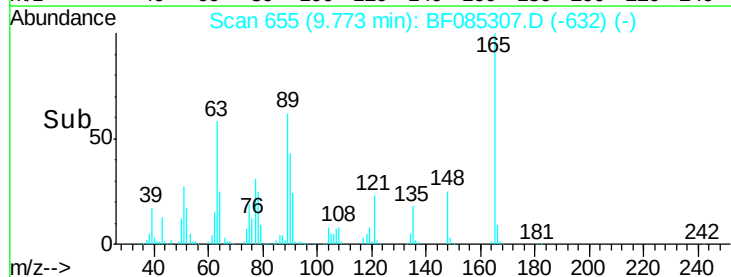
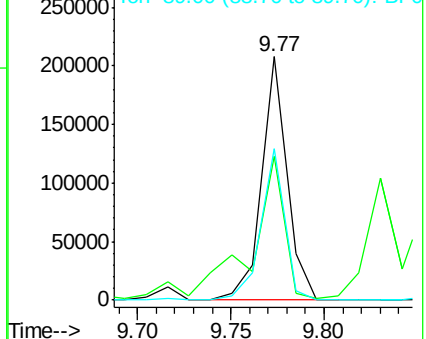
89 62.4 46.7 70.1

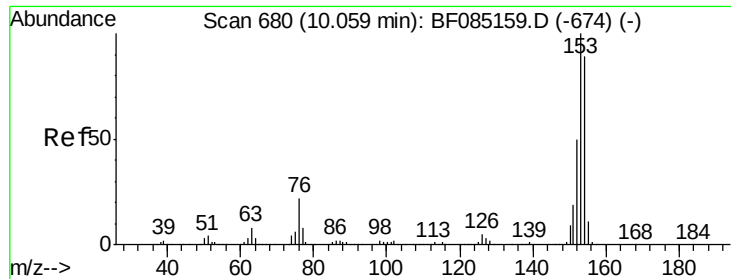


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.29 ng

RT: 10.02 min Scan# 677

Delta R.T. -0.03 min

Lab File: BF085307.D

Acq: 9 Mar 2016 19:10

Instrument :

BNA_F

ClientSampleId :

PB88789BSD

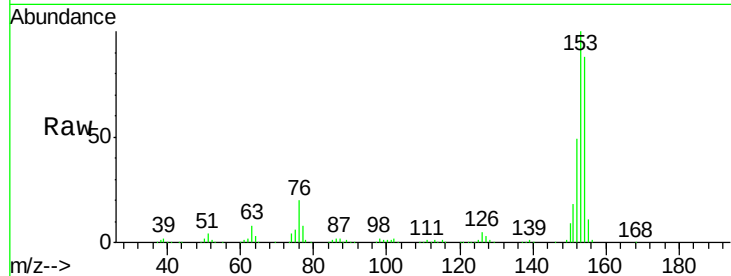
Tgt Ion:154 Resp: 726584

Ion Ratio Lower Upper

154 100

153 114.0 89.8 134.8

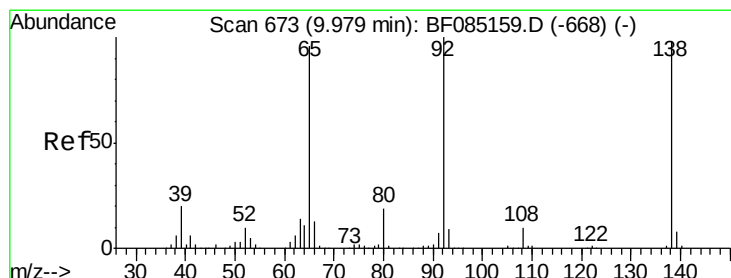
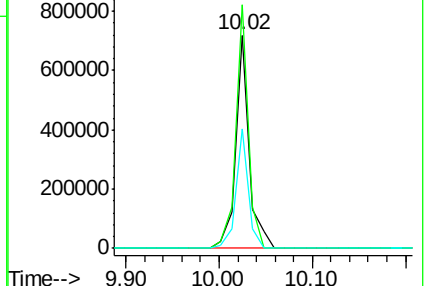
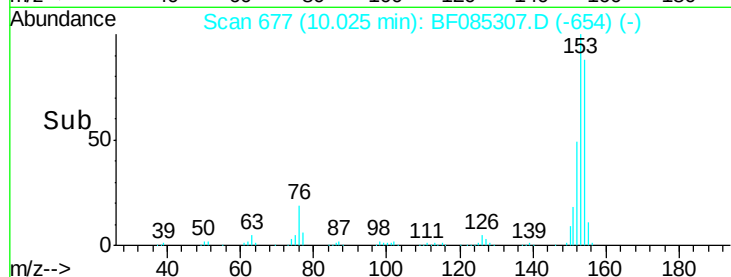
152 55.8 44.6 66.8



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: 28.09 ng

RT: 9.94 min Scan# 670

Delta R.T. -0.03 min

Lab File: BF085307.D

Acq: 9 Mar 2016 19:10

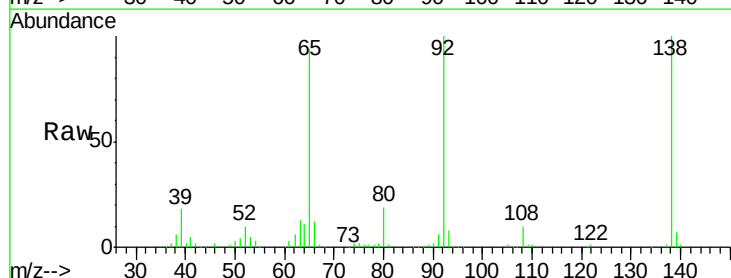
Tgt Ion:138 Resp: 170168

Ion Ratio Lower Upper

138 100

108 10.1 7.8 11.6

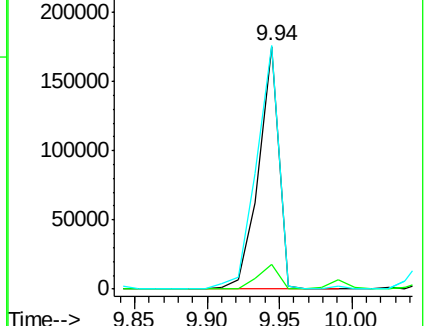
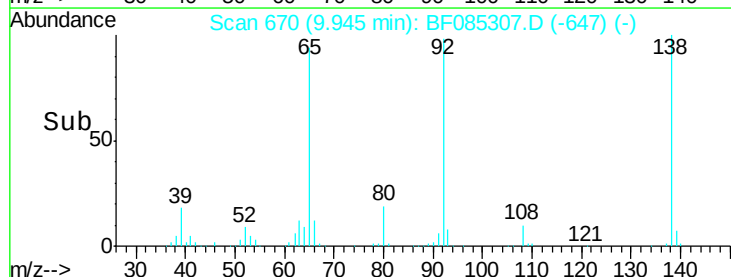
92 100.5 81.3 121.9

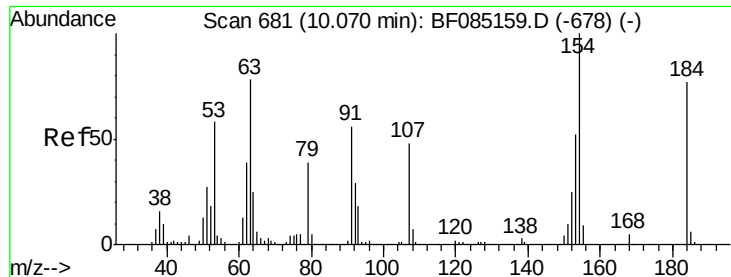


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

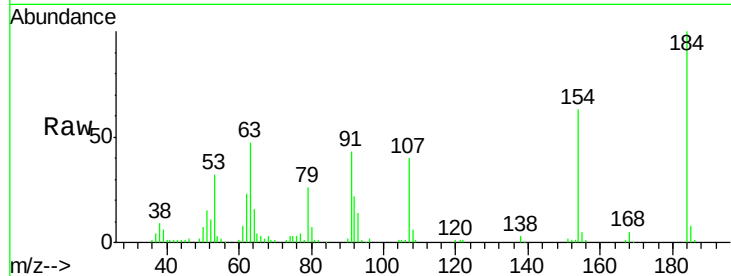




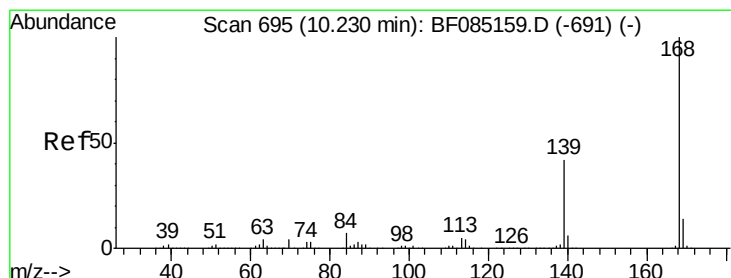
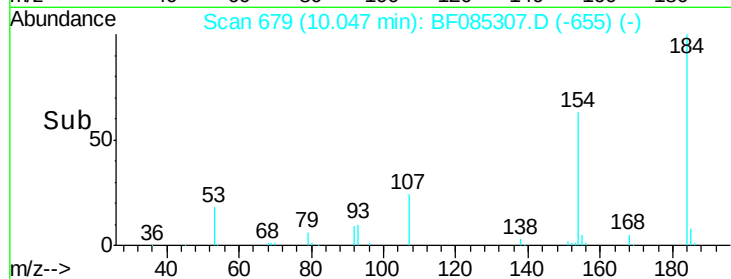
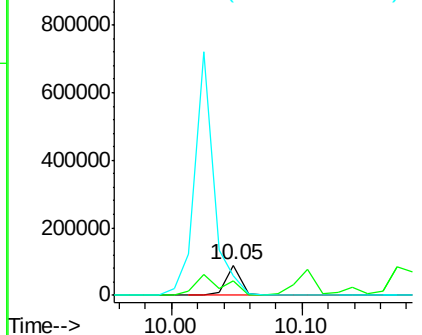
#53
 2,4-Dinitrophenol
 Concen: 33.91 ng
 RT: 10.05 min Scan# 679
 Delta R.T. -0.02 min
 Lab File: BF085307.D
 Acq: 9 Mar 2016 19:10

Instrument :
 BNA_F
 ClientSampleId :
 PB88789BSD

Tgt Ion:184 Resp: 73916
 Ion Ratio Lower Upper
 184 100
 63 47.4 82.2 123.4#
 154 63.0 108.9 163.3#

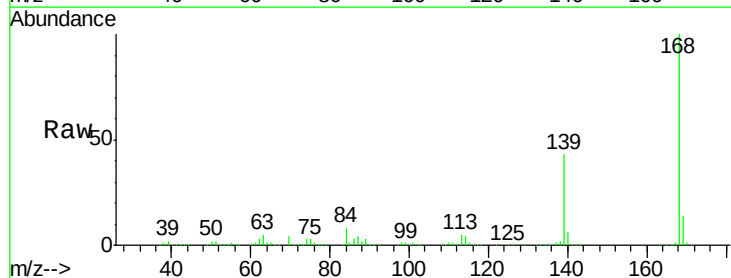


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

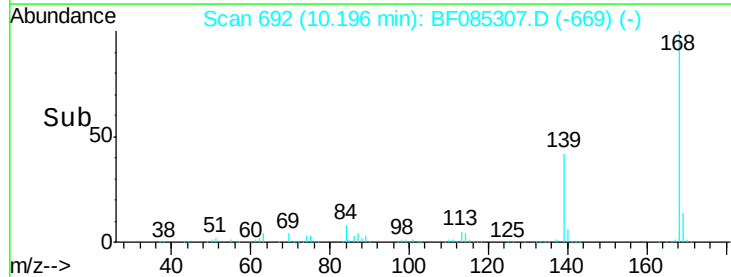
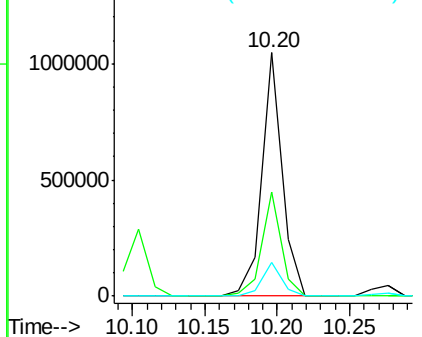


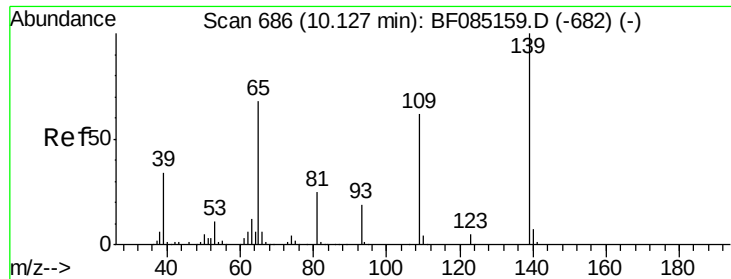
#54
 Dibenzofuran
 Concen: 40.91 ng
 RT: 10.20 min Scan# 692
 Delta R.T. -0.03 min
 Lab File: BF085307.D
 Acq: 9 Mar 2016 19:10

Tgt Ion:168 Resp: 1017213
 Ion Ratio Lower Upper
 168 100
 139 42.9 33.6 50.4
 169 13.9 11.2 16.8



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

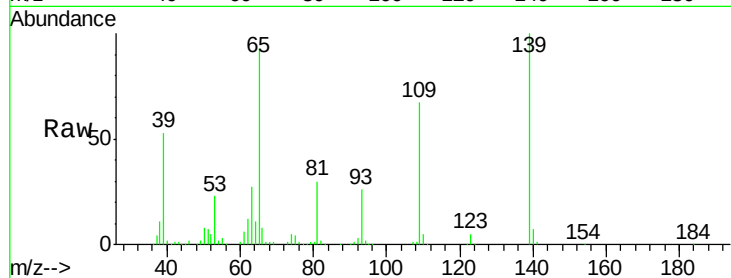




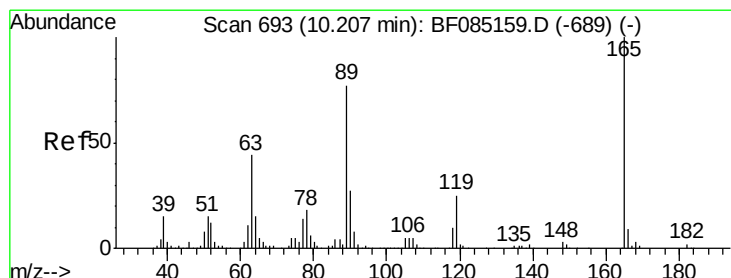
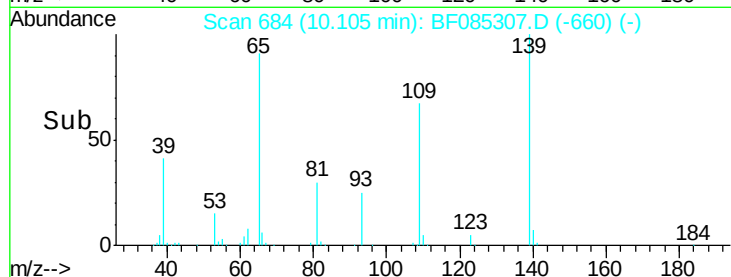
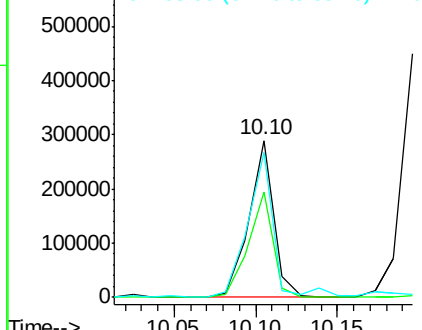
#55
4-Nitrophenol
Concen: 64.51 ng
RT: 10.10 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF085307.D
Acq: 9 Mar 2016 19:10

Instrument :
BNA_F
ClientSampleId :
PB88789BSD

Tgt Ion:139 Resp: 307101
Ion Ratio Lower Upper
139 100
109 67.4 41.9 81.9
65 92.7 48.3 88.3#

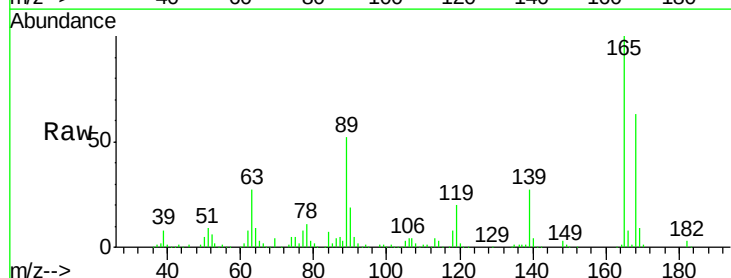


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

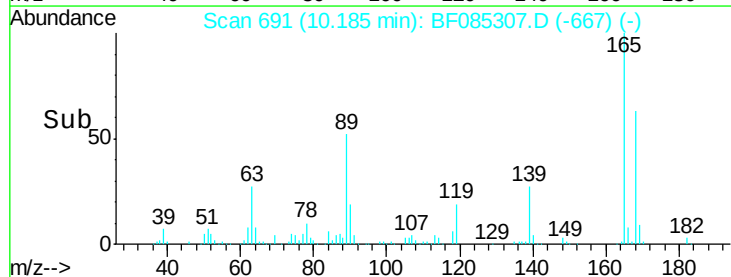
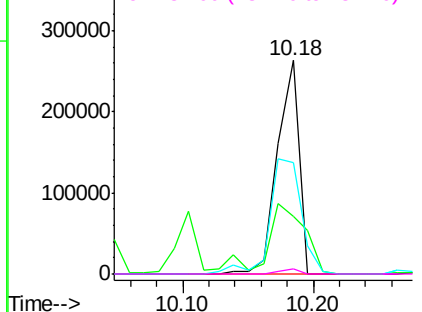


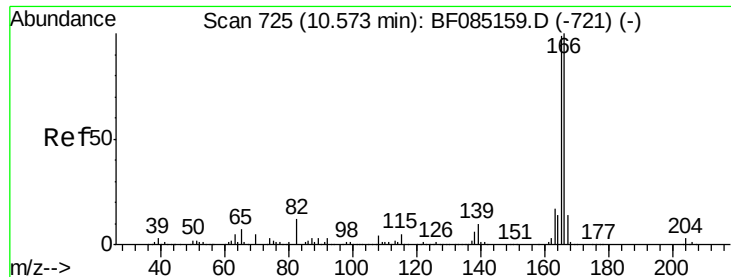
#56
2,4-Dinitrotoluene
Concen: 47.60 ng
RT: 10.18 min Scan# 691
Delta R.T. -0.02 min
Lab File: BF085307.D
Acq: 9 Mar 2016 19:10

Tgt Ion:165 Resp: 308465
Ion Ratio Lower Upper
165 100
63 27.1 35.4 53.0#
89 52.2 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: 39.77 ng

RT: 10.54 min Scan# 722

Delta R.T. -0.03 min

Lab File: BF085307.D

Acq: 9 Mar 2016 19:10

Instrument :

BNA_F

ClientSampleId :

PB88789BSD

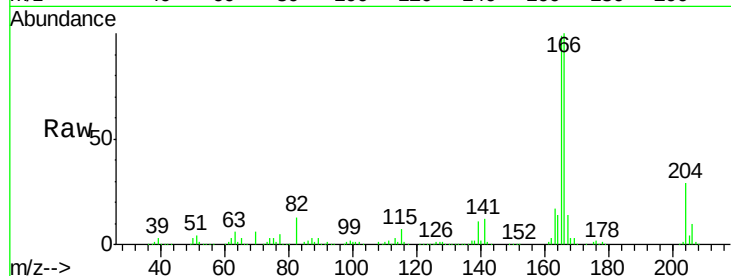
Tgt Ion:166 Resp: 776661

Ion Ratio Lower Upper

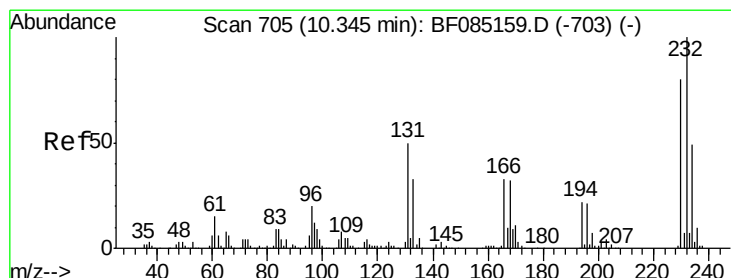
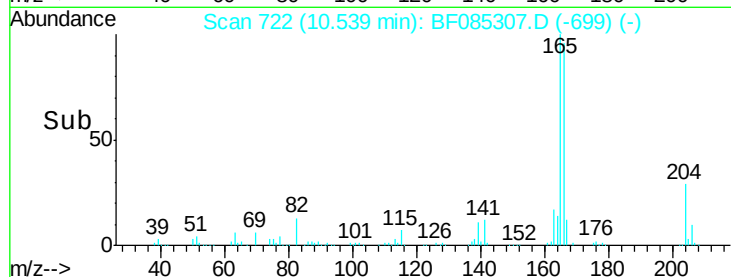
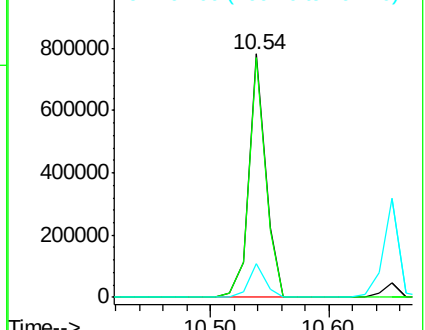
166 100

165 98.7 79.4 119.0

167 14.1 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: 43.35 ng

RT: 10.31 min Scan# 702

Delta R.T. -0.03 min

Lab File: BF085307.D

Acq: 9 Mar 2016 19:10

Tgt Ion:232 Resp: 189561

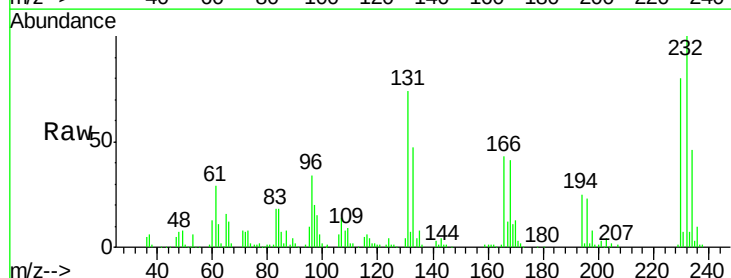
Ion Ratio Lower Upper

232 100

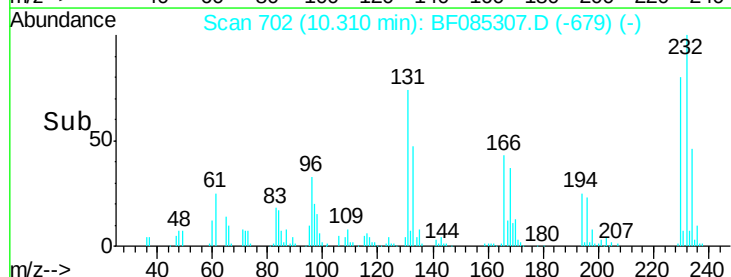
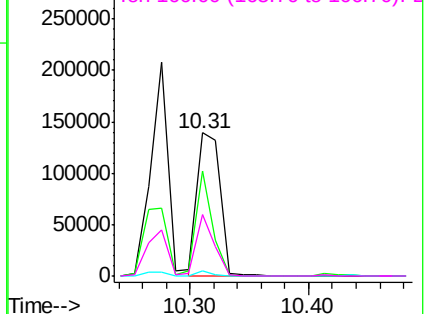
131 52.3 46.0 69.0

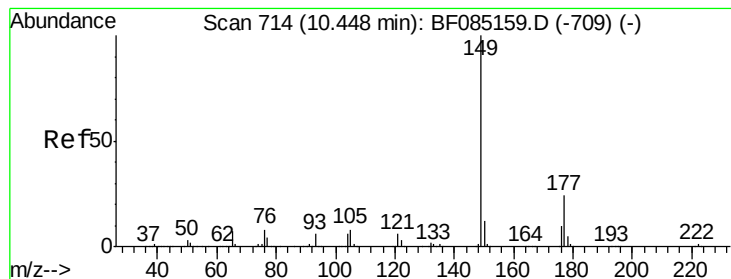
130 2.5 2.2 3.4

166 33.5 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: 37.78 ng

RT: 10.41 min Scan# 711

Delta R.T. -0.03 min

Lab File: BF085307.D

Acq: 9 Mar 2016 19:10

Instrument :

BNA_F

ClientSampleId :

PB88789BSD

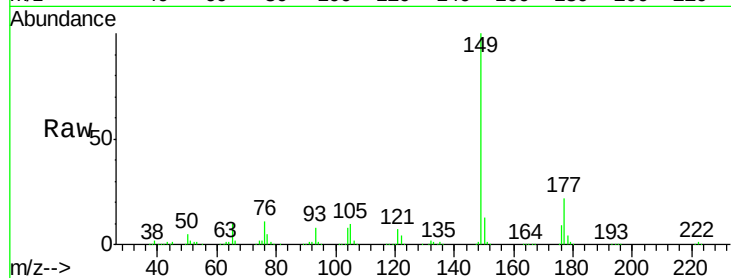
Tgt Ion:149 Resp: 867645

Ion Ratio Lower Upper

149 100

177 21.5 19.2 28.8

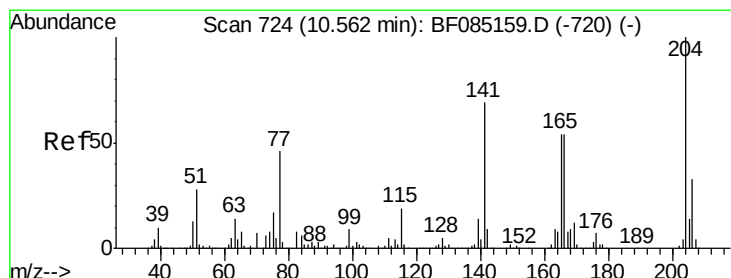
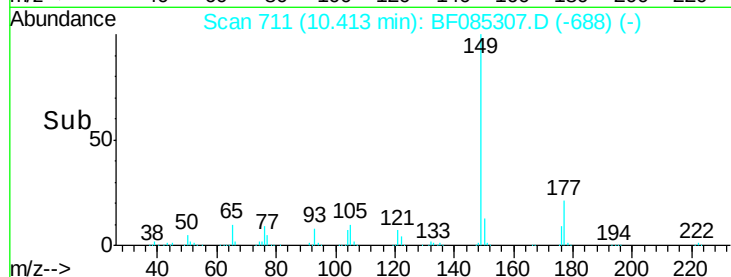
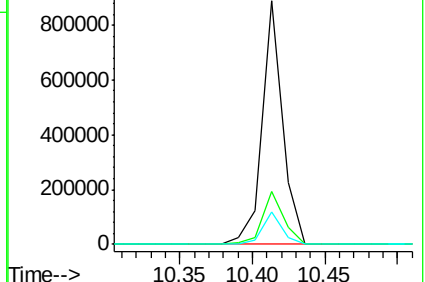
150 13.2 9.9 14.9



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: 39.48 ng

RT: 10.53 min Scan# 721

Delta R.T. -0.03 min

Lab File: BF085307.D

Acq: 9 Mar 2016 19:10

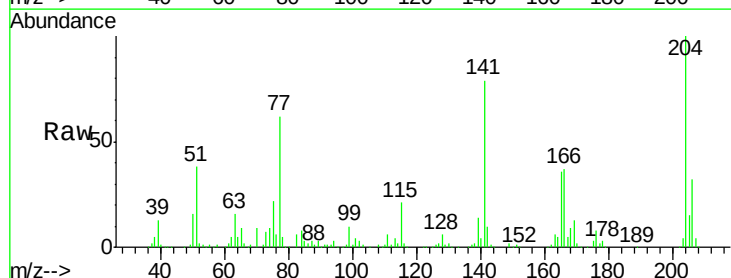
Tgt Ion:204 Resp: 375151

Ion Ratio Lower Upper

204 100

206 31.8 26.5 39.7

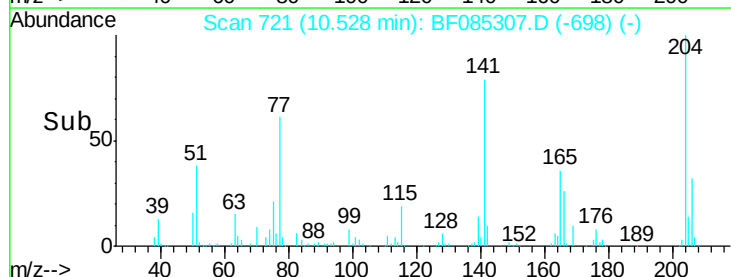
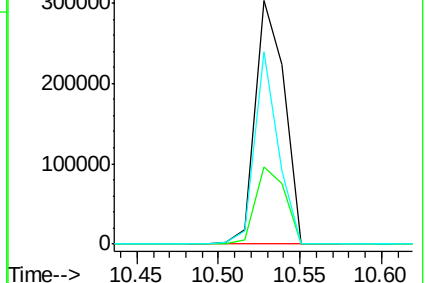
141 79.3 55.4 83.2

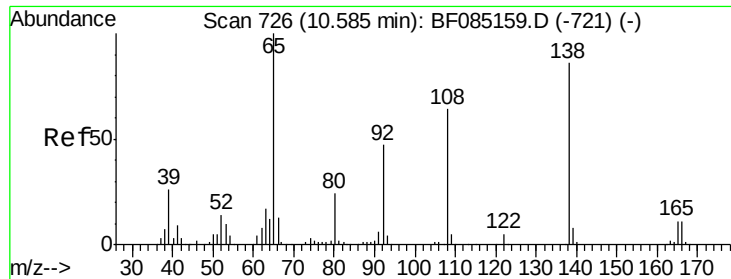


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

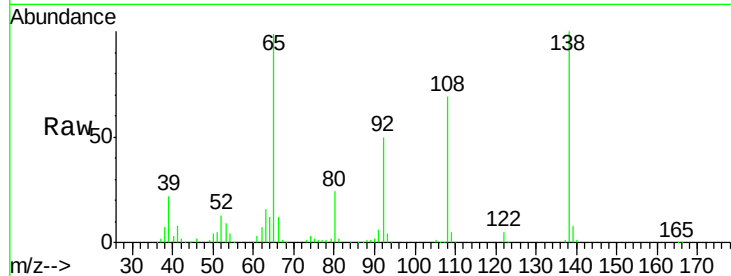




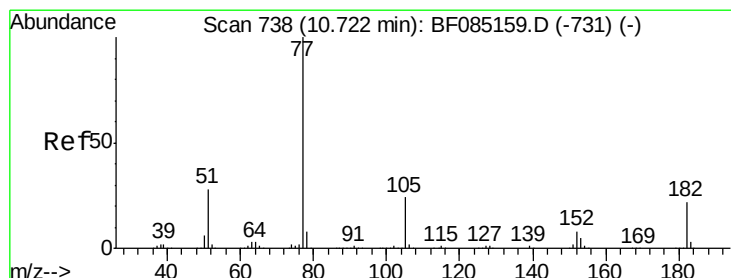
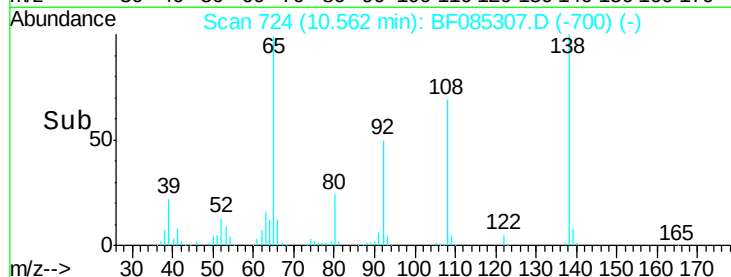
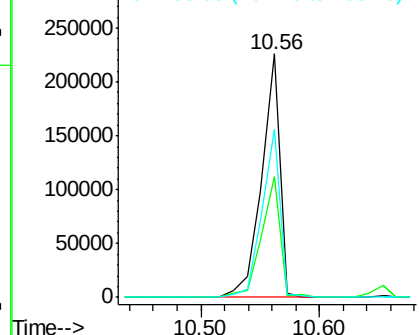
#61
4-Nitroaniline
Concen: 43.06 ng
RT: 10.56 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF085307.D
Acq: 9 Mar 2016 19:10

Instrument :
BNA_F
ClientSampleId :
PB88789BSD

Tgt Ion:138 Resp: 243961
Ion Ratio Lower Upper
138 100
92 49.5 34.2 74.2
108 69.0 53.9 93.9

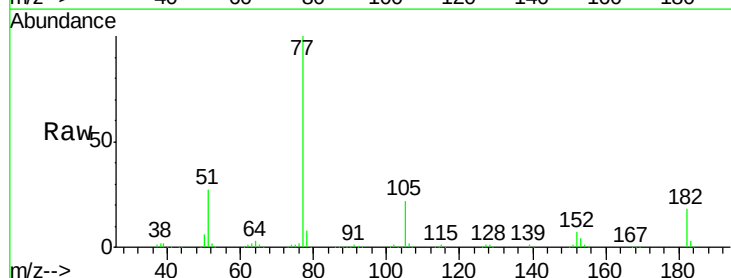


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

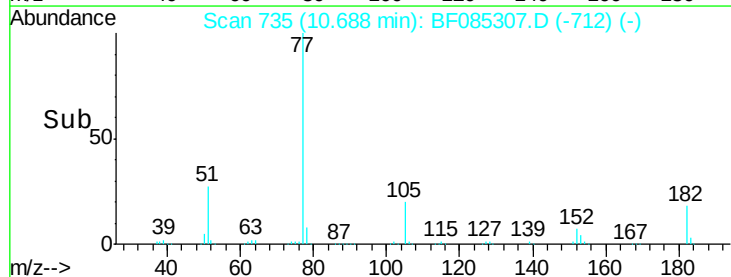
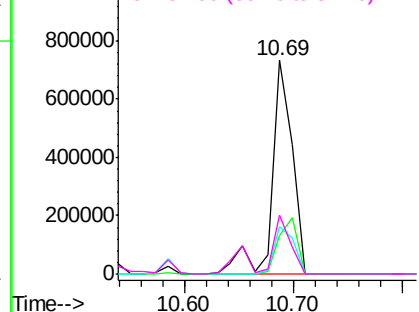


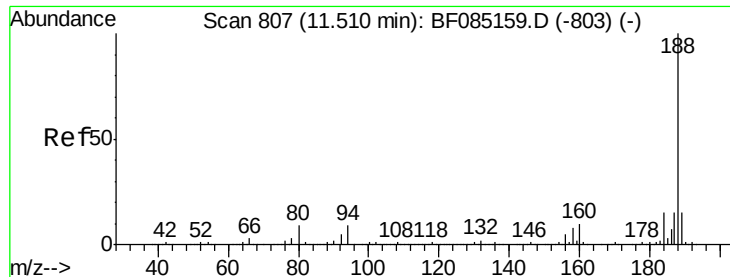
#62
Azobenzene
Concen: 42.10 ng
RT: 10.69 min Scan# 735
Delta R.T. -0.03 min
Lab File: BF085307.D
Acq: 9 Mar 2016 19:10

Tgt Ion: 77 Resp: 952721
Ion Ratio Lower Upper
77 100
182 18.2 2.1 42.1
105 22.1 3.8 43.8
51 27.5 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

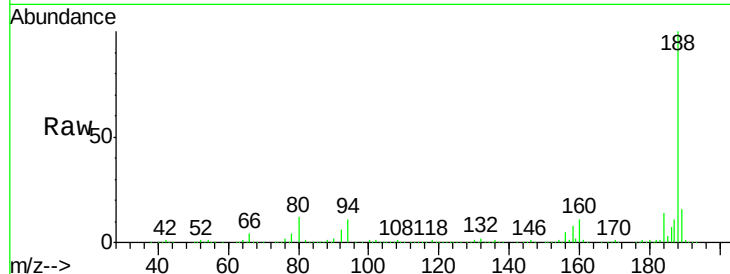




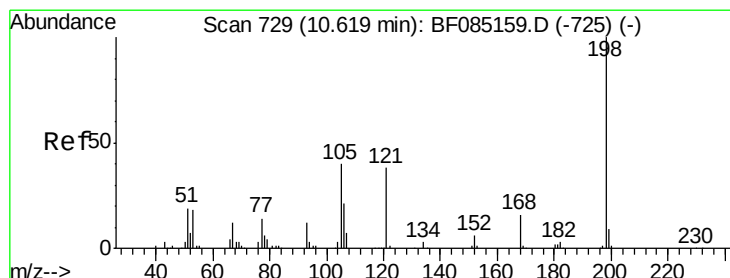
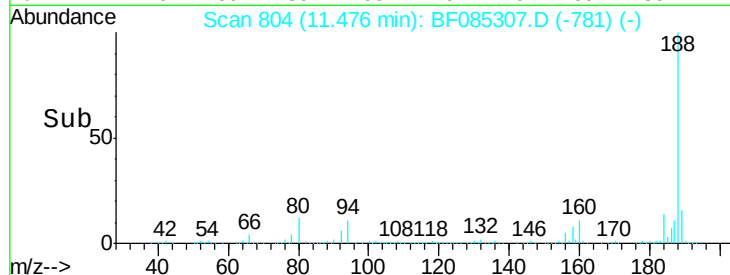
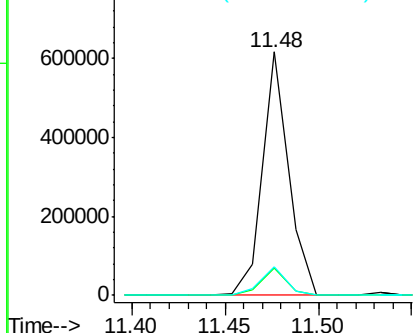
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF085307.D
Acq: 9 Mar 2016 19:10

Instrument :
BNA_F
ClientSampleId :
PB88789BSD

Tgt Ion:188 Resp: 595788
Ion Ratio Lower Upper
188 100
94 11.2 7.0 10.6#
80 12.0 7.4 11.0#

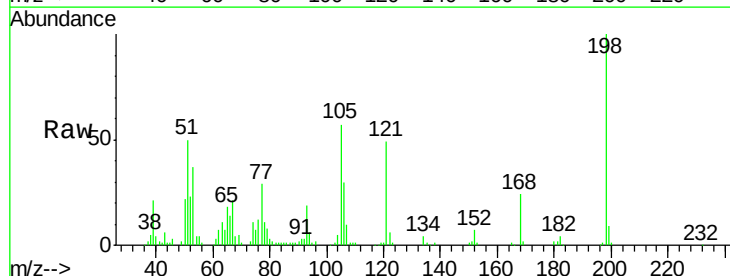


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

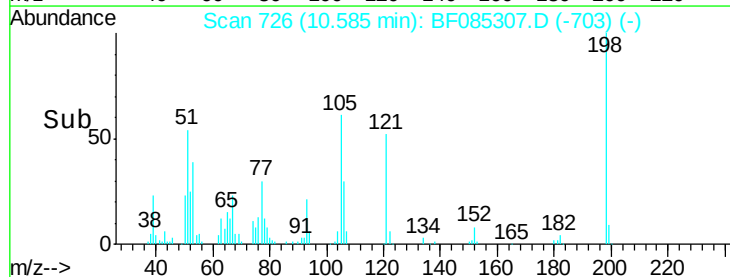
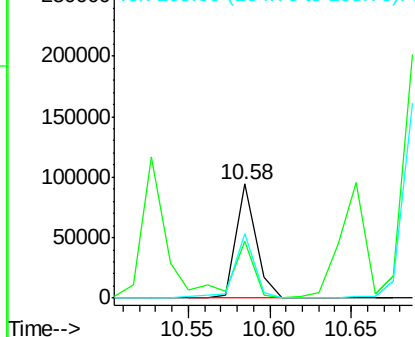


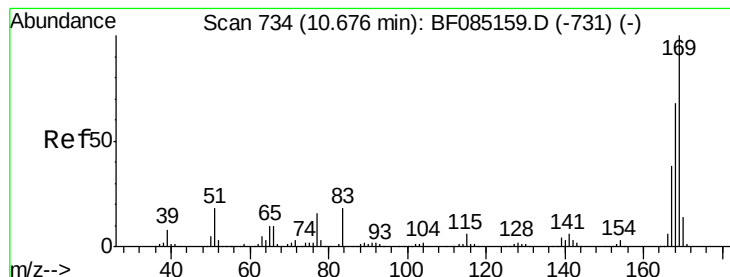
#64
4,6-Dinitro-2-methylphenol
Concen: 22.26 ng
RT: 10.58 min Scan# 726
Delta R.T. -0.03 min
Lab File: BF085307.D
Acq: 9 Mar 2016 19:10

Tgt Ion:198 Resp: 79424
Ion Ratio Lower Upper
198 100
51 50.2 9.5 49.5#
105 56.6 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

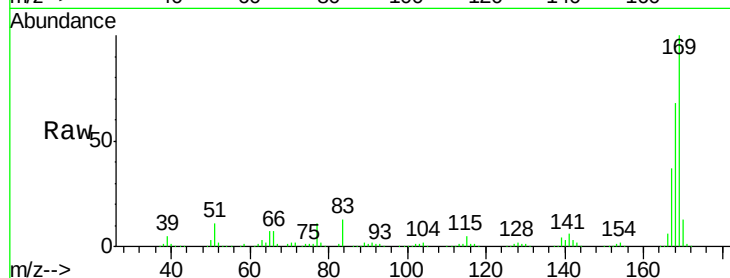




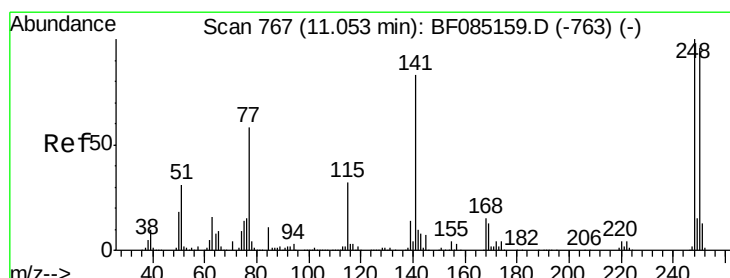
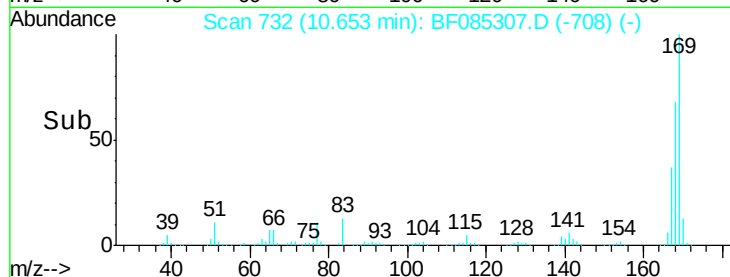
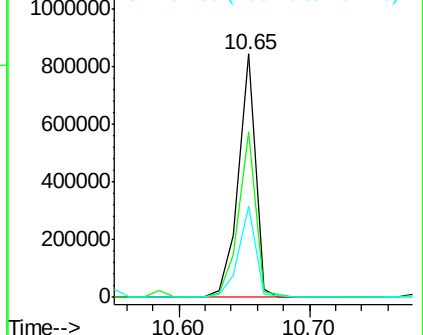
#65
 n-Nitrosodiphenylamine
 Concen: 41.37 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.02 min
 Lab File: BF085307.D
 Acq: 9 Mar 2016 19:10

Instrument :
 BNA_F
 ClientSampleId :
 PB88789BSD

Tgt Ion:169 Resp: 766613
 Ion Ratio Lower Upper
 169 100
 168 67.7 54.8 82.2
 167 37.4 30.3 45.5

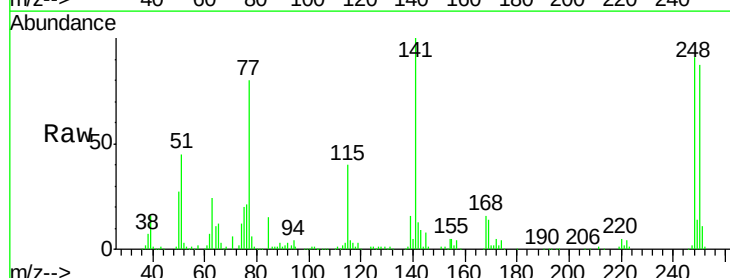


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

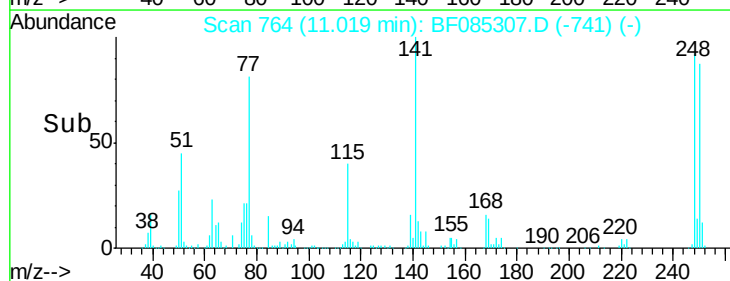
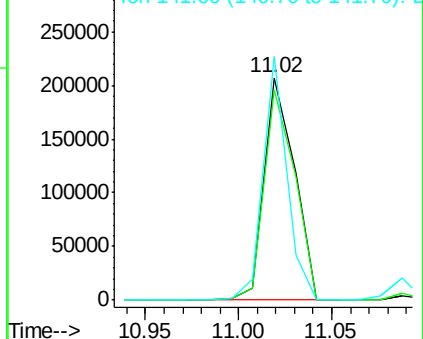


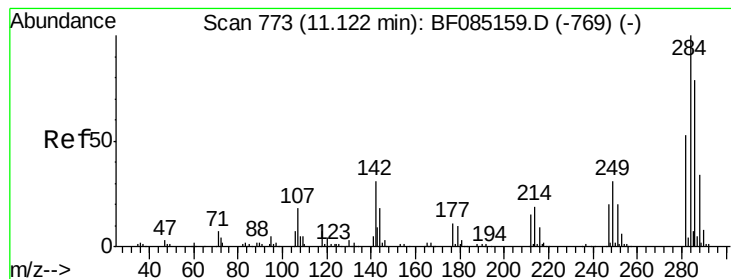
#66
 4-Bromophenyl-phenylether
 Concen: 40.03 ng
 RT: 11.02 min Scan# 764
 Delta R.T. -0.03 min
 Lab File: BF085307.D
 Acq: 9 Mar 2016 19:10

Tgt Ion:248 Resp: 231554
 Ion Ratio Lower Upper
 248 100
 250 95.0 77.1 115.7
 141 109.8 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: 40.49 ng

RT: 11.09 min Scan# 770

Delta R.T. -0.03 min

Lab File: BF085307.D

Acq: 9 Mar 2016 19:10

Instrument :

BNA_F

ClientSampleId :

PB88789BSD

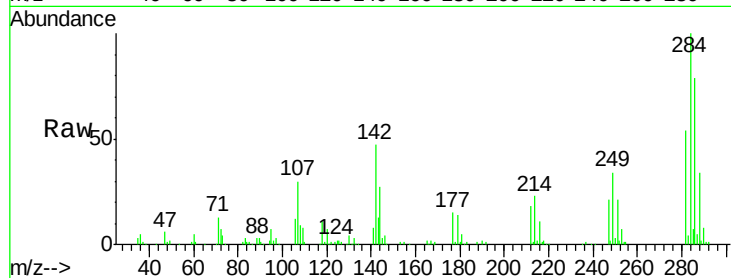
Tgt Ion:284 Resp: 249911

Ion Ratio Lower Upper

284 100

142 47.3 24.9 37.3#

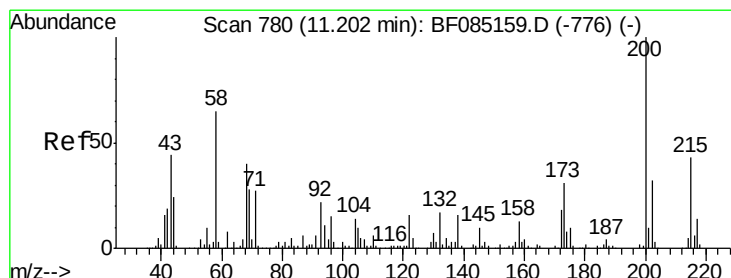
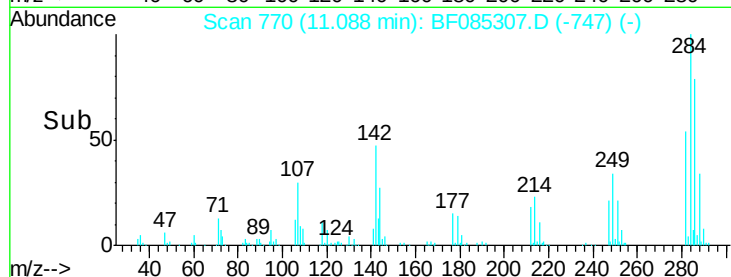
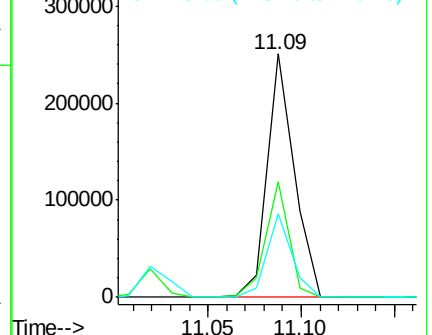
249 34.2 25.0 37.4



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 47.82 ng

RT: 11.18 min Scan# 778

Delta R.T. -0.02 min

Lab File: BF085307.D

Acq: 9 Mar 2016 19:10

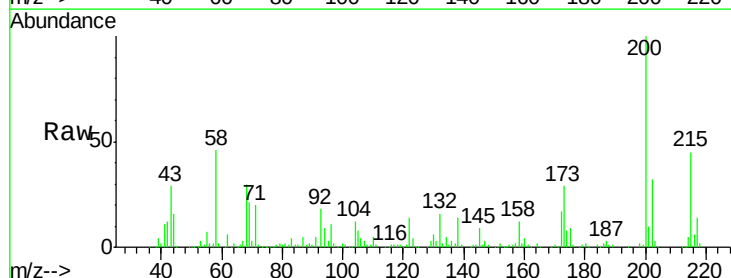
Tgt Ion:200 Resp: 246439

Ion Ratio Lower Upper

200 100

173 28.8 10.5 50.5

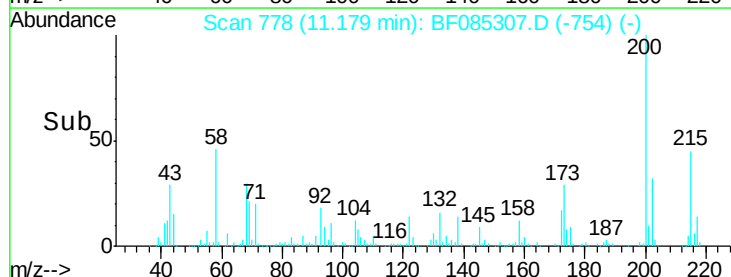
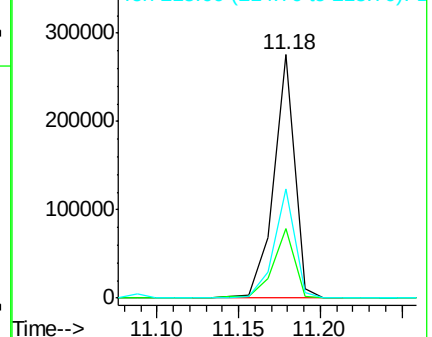
215 44.7 23.4 63.4

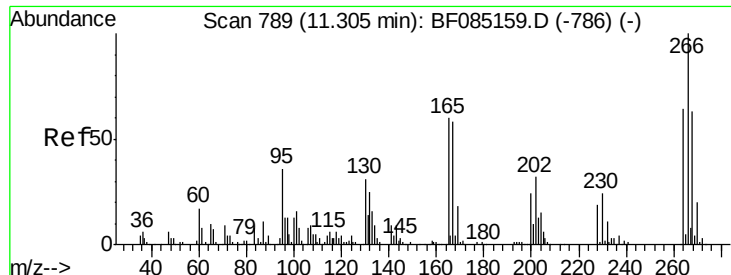


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

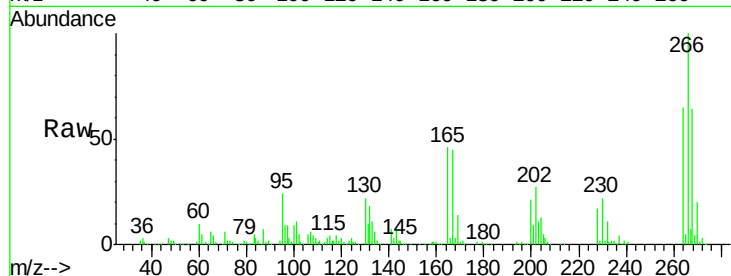




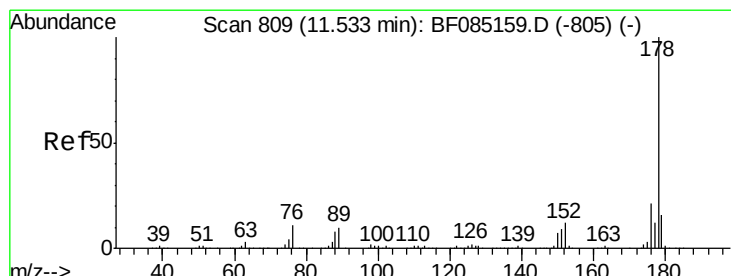
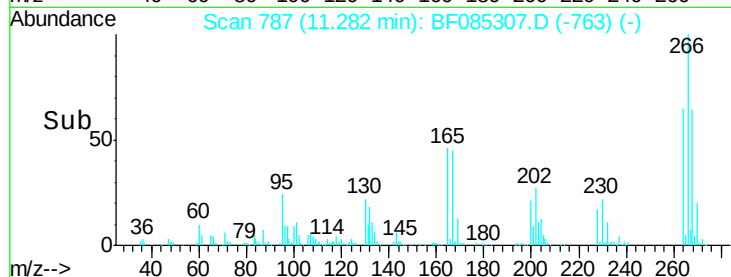
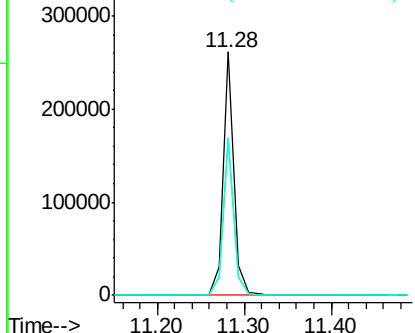
#69
 Pentachlorophenol
 Concen: 66.29 ng
 RT: 11.28 min Scan# 787
 Delta R.T. -0.02 min
 Lab File: BF085307.D
 Acq: 9 Mar 2016 19:10

Instrument :
 BNA_F
 ClientSampleId :
 PB88789BSD

Tgt Ion:266 Resp: 227088
 Ion Ratio Lower Upper
 266 100
 268 64.5 50.0 75.0
 264 64.6 51.4 77.2

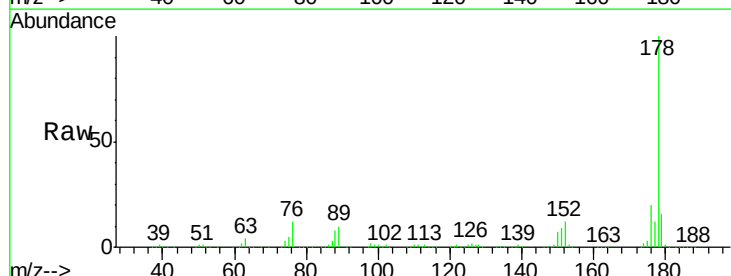


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

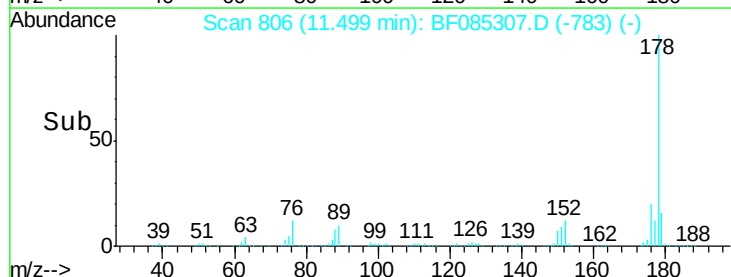
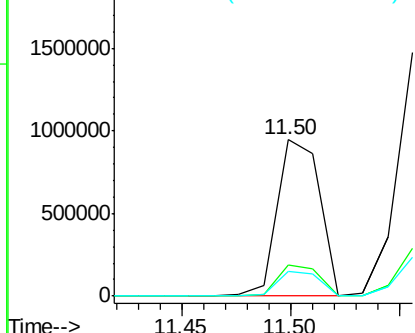


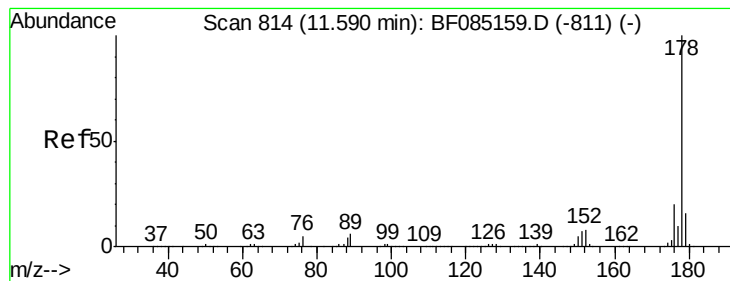
#70
 Phenanthrene
 Concen: 41.40 ng
 RT: 11.50 min Scan# 806
 Delta R.T. -0.03 min
 Lab File: BF085307.D
 Acq: 9 Mar 2016 19:10

Tgt Ion:178 Resp: 1292595
 Ion Ratio Lower Upper
 178 100
 176 19.8 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: 39.59 ng

RT: 11.56 min Scan# 811

Delta R.T. -0.03 min

Lab File: BF085307.D

Acq: 9 Mar 2016 19:10

Instrument :

BNA_F

ClientSampleId :

PB88789BSD

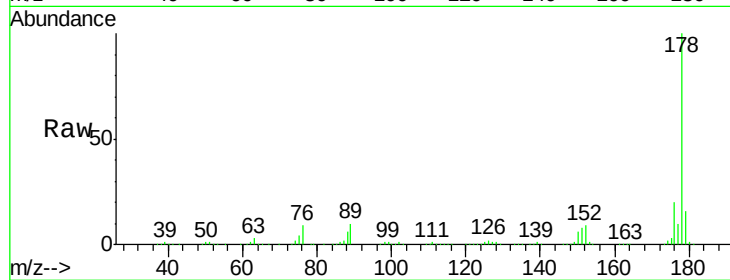
Tgt Ion:178 Resp: 1312407

Ion Ratio Lower Upper

178 100

176 19.7 15.9 23.9

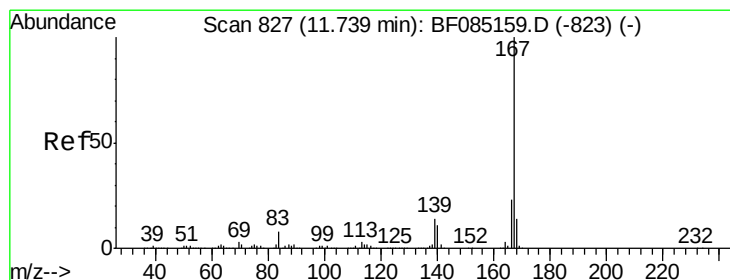
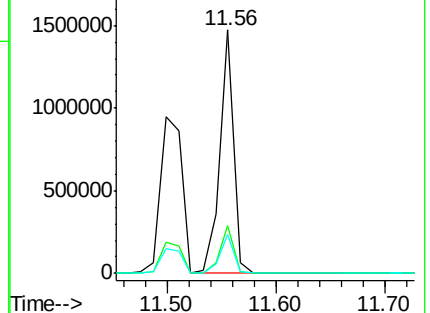
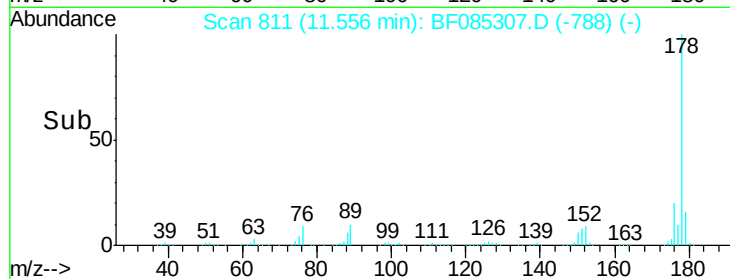
179 16.2 12.5 18.7



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: 37.64 ng

RT: 11.70 min Scan# 824

Delta R.T. -0.03 min

Lab File: BF085307.D

Acq: 9 Mar 2016 19:10

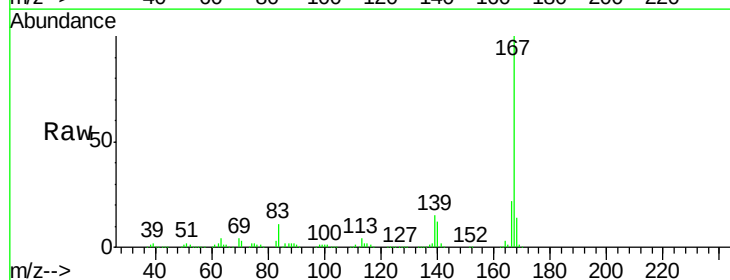
Tgt Ion:167 Resp: 1093994

Ion Ratio Lower Upper

167 100

166 21.7 18.2 27.2

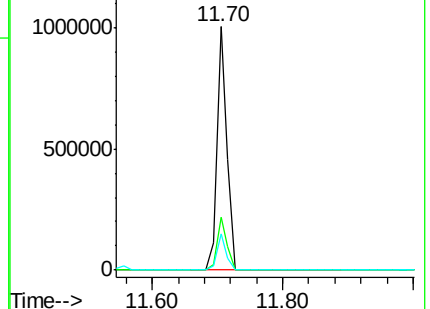
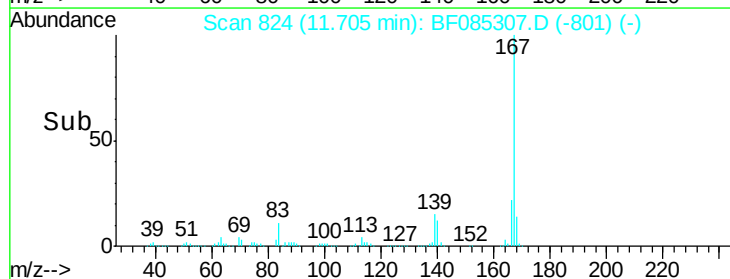
139 15.1 11.4 17.0

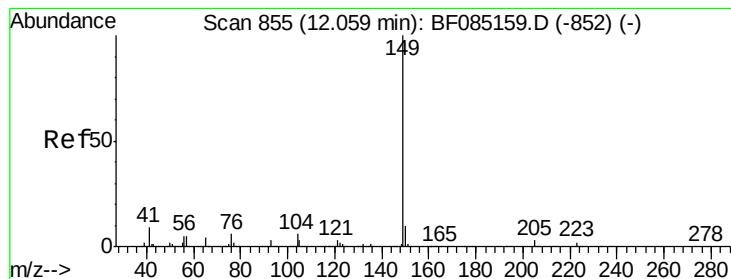


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 36.45 ng

RT: 12.04 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF085307.D

Acq: 9 Mar 2016 19:10

Instrument :

BNA_F

ClientSampleId :

PB88789BSD

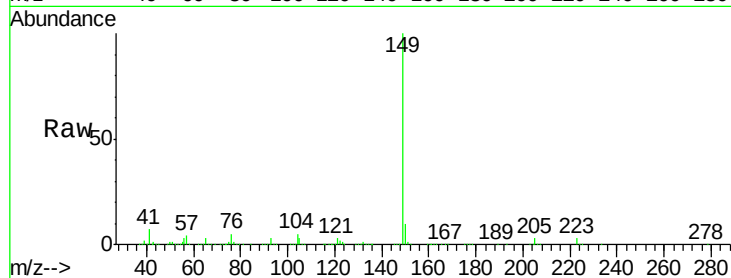
Tgt Ion:149 Resp: 1339333

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

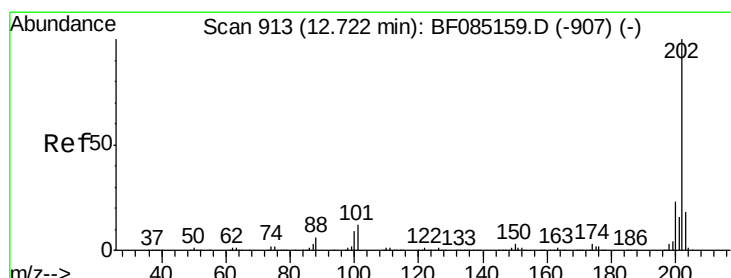
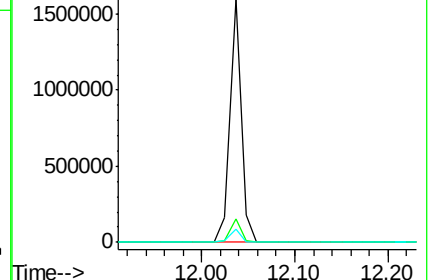
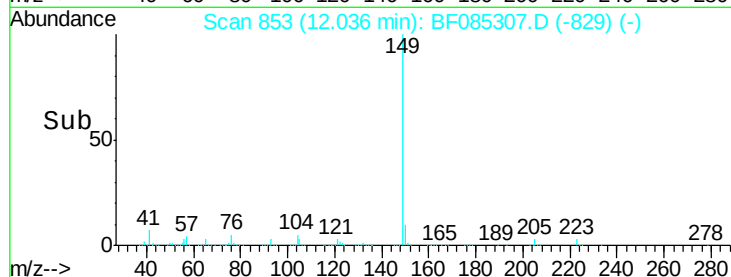
104 5.3 4.7 7.1



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: 38.79 ng

RT: 12.69 min Scan# 910

Delta R.T. -0.03 min

Lab File: BF085307.D

Acq: 9 Mar 2016 19:10

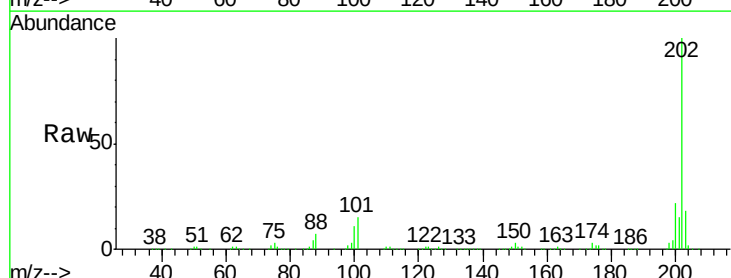
Tgt Ion:202 Resp: 1215459

Ion Ratio Lower Upper

202 100

101 14.8 0.0 31.8

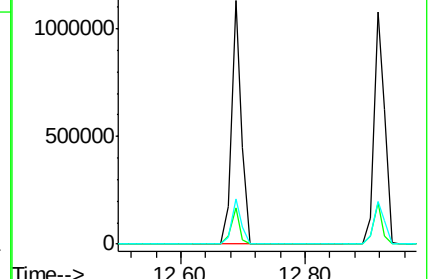
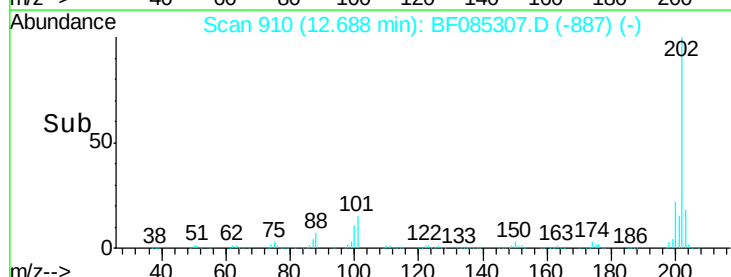
203 18.4 0.0 38.4

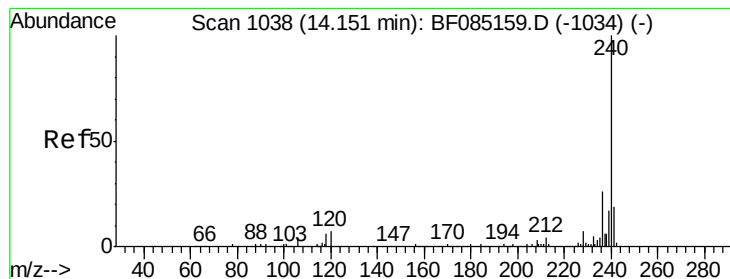


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.12 min Scan# 1035

Delta R.T. -0.03 min

Lab File: BF085307.D

Acq: 9 Mar 2016 19:10

Instrument :

BNA_F

ClientSampleId :

PB88789BSD

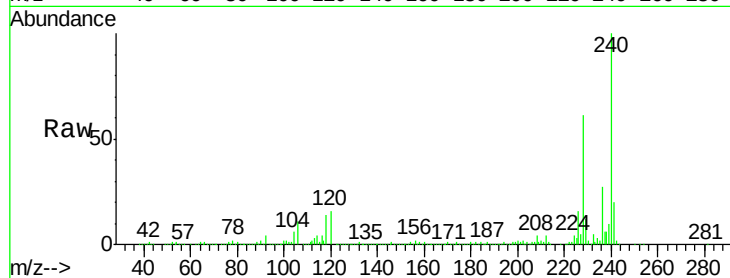
Tgt Ion:240 Resp: 472829

Ion Ratio Lower Upper

240 100

120 16.1 5.3 7.9#

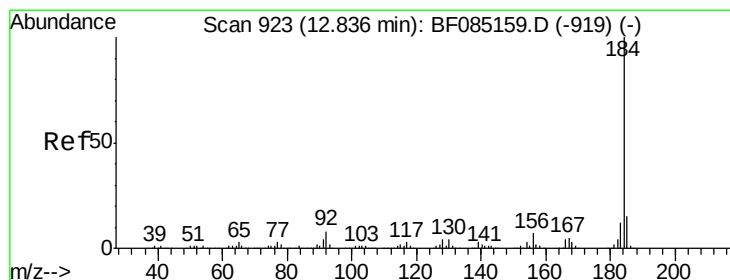
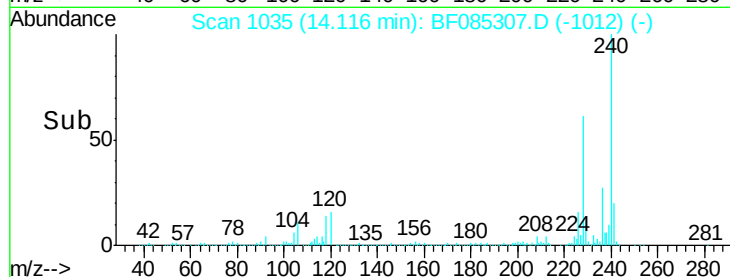
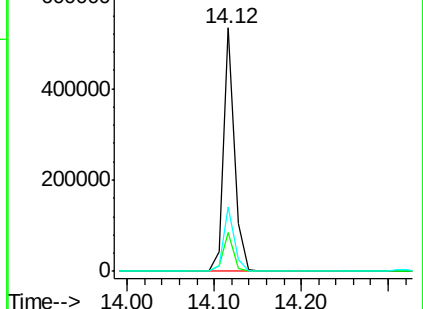
236 26.6 20.7 31.1



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: 32.37 ng

RT: 12.81 min Scan# 921

Delta R.T. -0.02 min

Lab File: BF085307.D

Acq: 9 Mar 2016 19:10

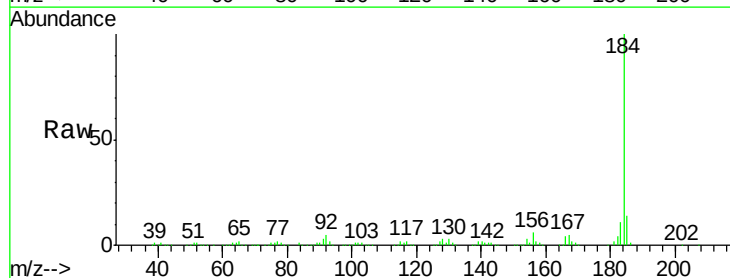
Tgt Ion:184 Resp: 455546

Ion Ratio Lower Upper

184 100

185 14.0 12.4 18.6

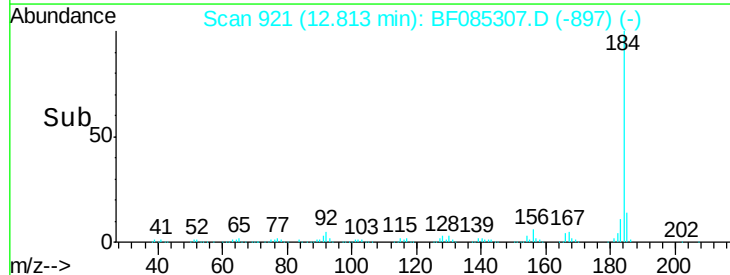
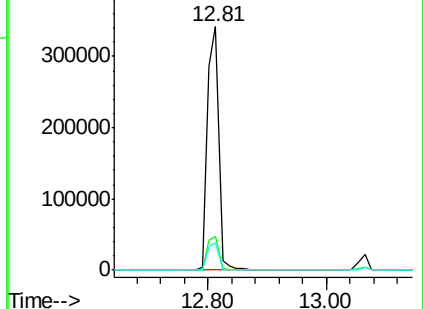
183 11.5 9.4 14.2

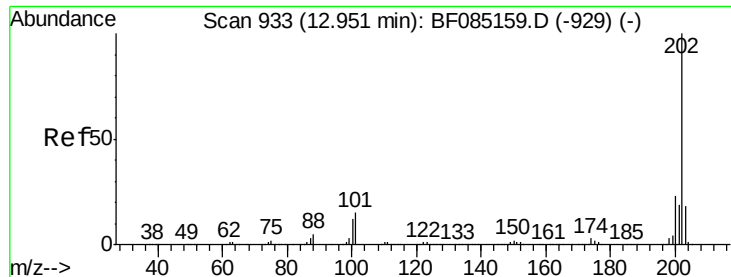


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

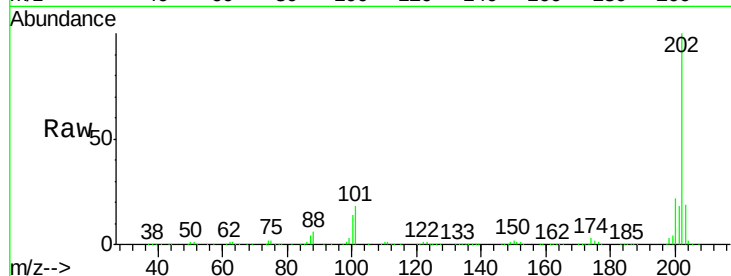




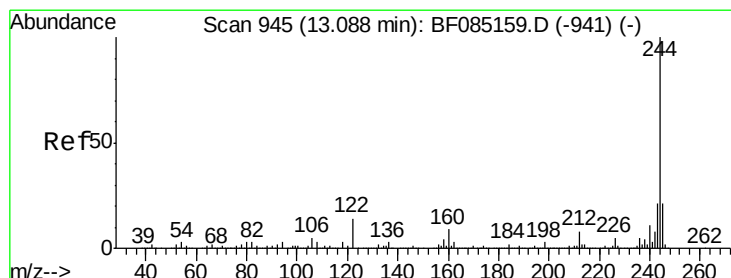
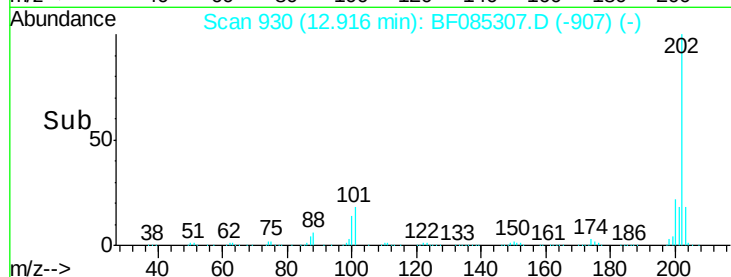
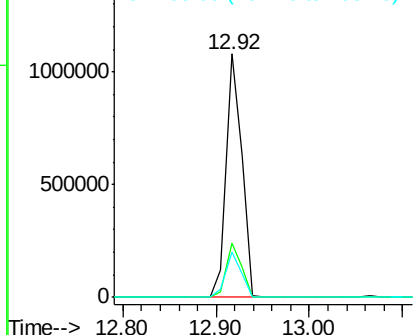
#77
 Pyrene
 Concen: 35.46 ng
 RT: 12.92 min Scan# 930
 Delta R.T. -0.03 min
 Lab File: BF085307.D
 Acq: 9 Mar 2016 19:10

Instrument :
 BNA_F
 ClientSampleId :
 PB88789BSD

Tgt Ion:202 Resp: 1261864
 Ion Ratio Lower Upper
 202 100
 200 22.3 18.2 27.4
 203 18.5 14.7 22.1

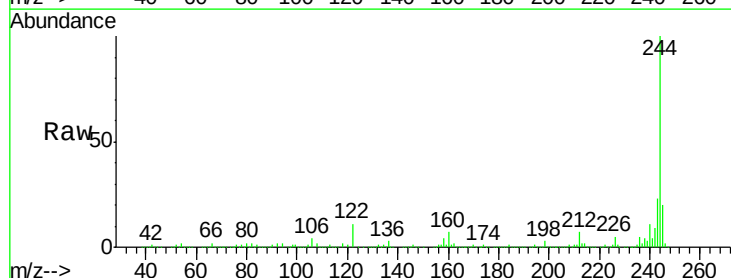


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

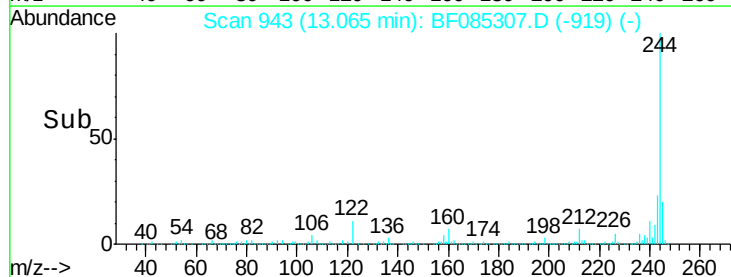
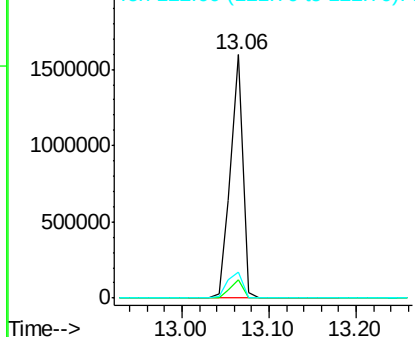


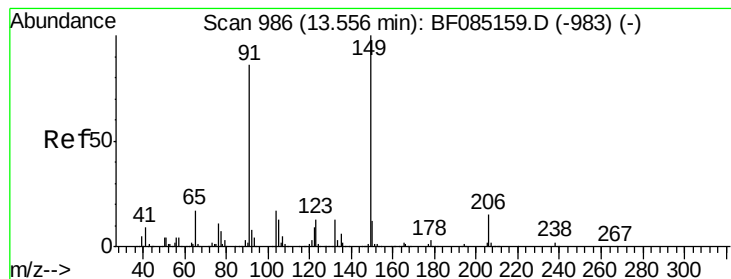
#78
 Terphenyl-d14
 Concen: 77.56 ng
 RT: 13.06 min Scan# 943
 Delta R.T. -0.02 min
 Lab File: BF085307.D
 Acq: 9 Mar 2016 19:10

Tgt Ion:244 Resp: 1579755
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.4 9.6
 122 10.6 11.4 17.2#



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





#79

Butylbenzylphthalate

Concen: 34.65 ng

RT: 13.53 min Scan# 984

Delta R.T. -0.02 min

Lab File: BF085307.D

Acq: 9 Mar 2016 19:10

Instrument :

BNA_F

ClientSampleId :

PB88789BSD

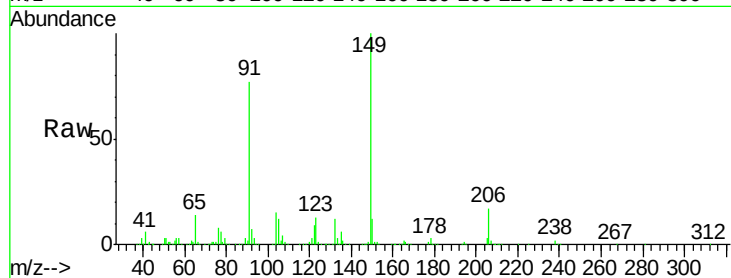
Tgt Ion:149 Resp: 559571

Ion Ratio Lower Upper

149 100

91 76.9 69.0 103.4

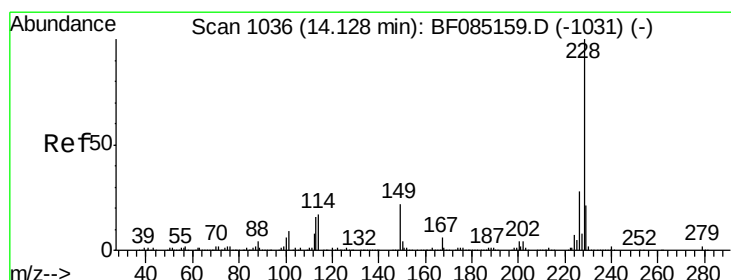
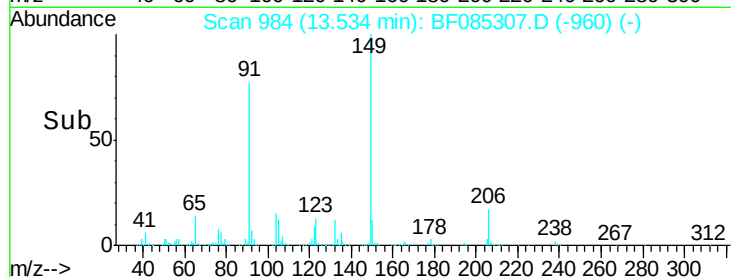
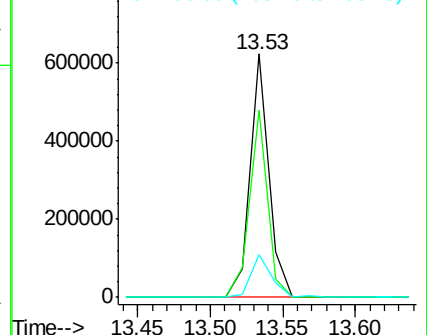
206 17.4 12.3 18.5



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: 38.11 ng

RT: 14.11 min Scan# 1034

Delta R.T. -0.02 min

Lab File: BF085307.D

Acq: 9 Mar 2016 19:10

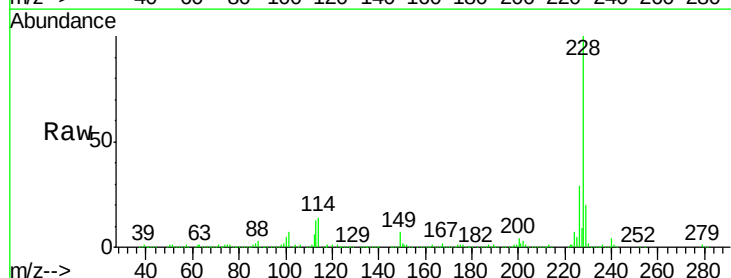
Tgt Ion:228 Resp: 1078763

Ion Ratio Lower Upper

228 100

226 28.6 22.8 34.2

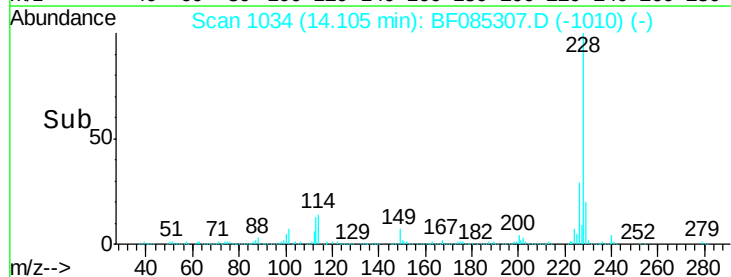
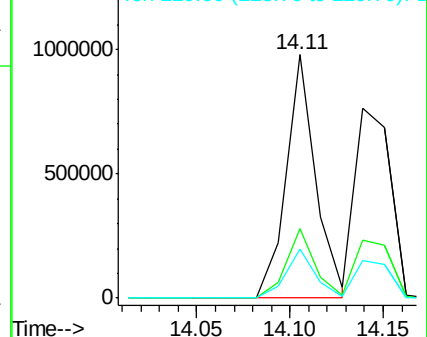
229 20.3 16.6 24.8

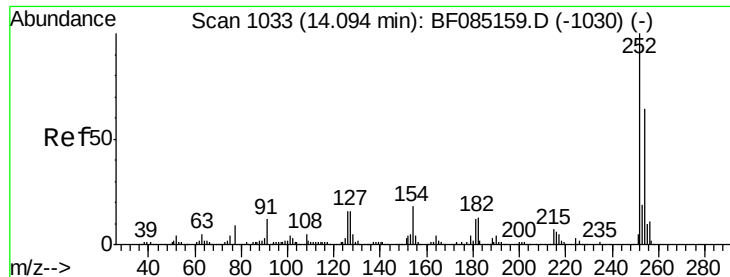


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

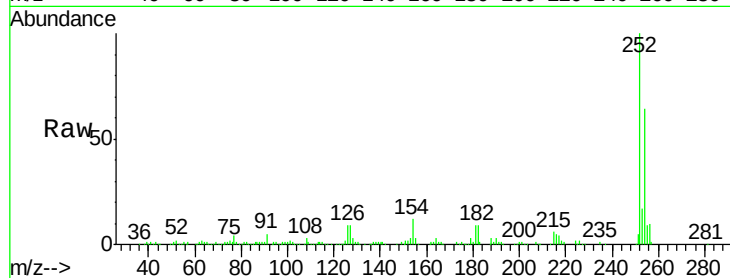




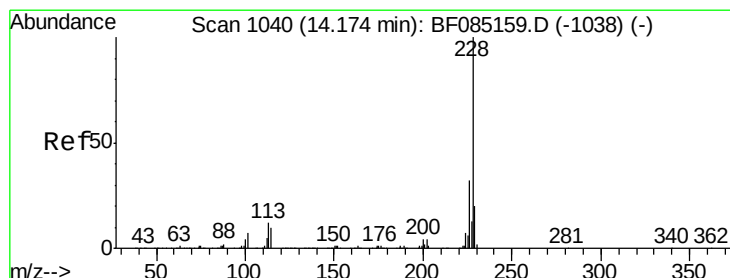
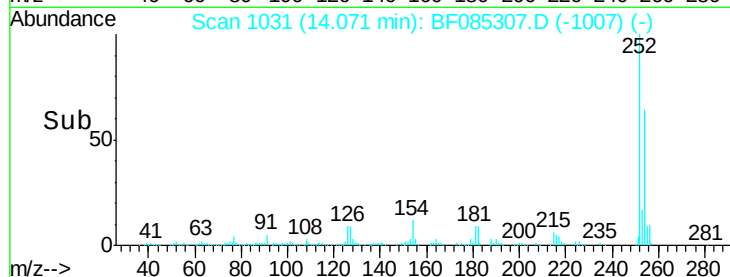
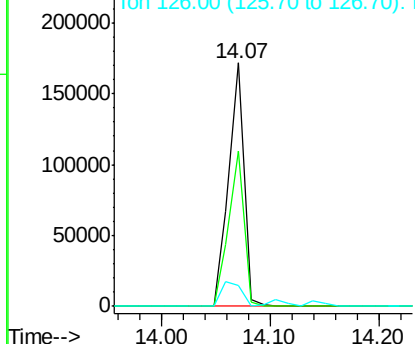
#81
 3,3'-Dichlorobenzidine
 Concen: 18.99 ng
 RT: 14.07 min Scan# 1031
 Delta R.T. -0.02 min
 Lab File: BF085307.D
 Acq: 9 Mar 2016 19:10

Instrument :
 BNA_F
 ClientSampleId :
 PB88789BSD

Tgt Ion:252 Resp: 169537
 Ion Ratio Lower Upper
 252 100
 254 63.9 51.4 77.0
 126 8.8 12.9 19.3#

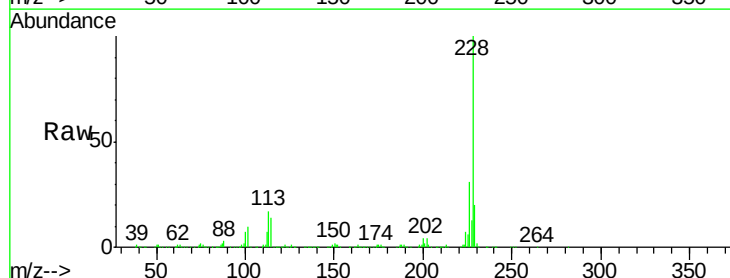


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

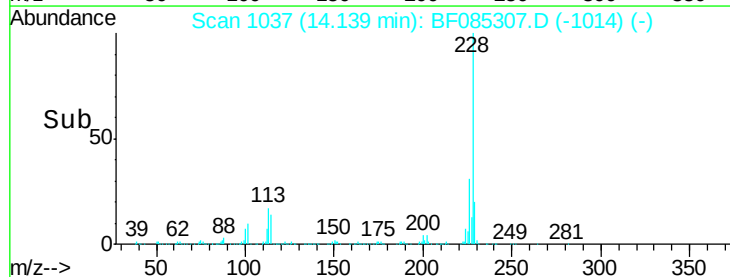
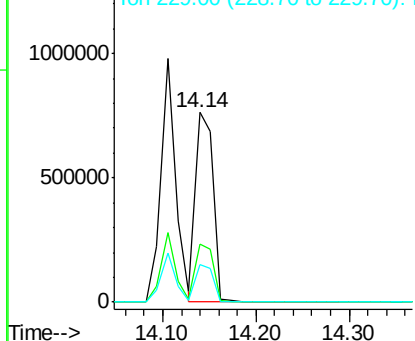


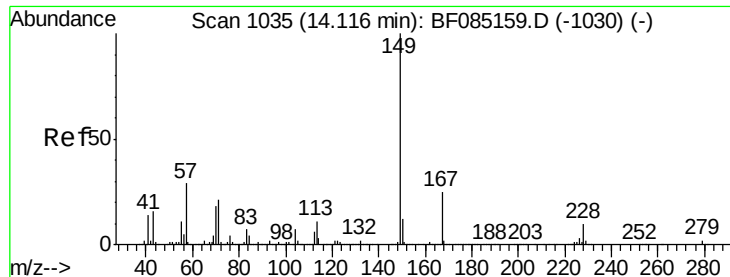
#82
 Chrysene
 Concen: 38.71 ng
 RT: 14.14 min Scan# 1037
 Delta R.T. -0.03 min
 Lab File: BF085307.D
 Acq: 9 Mar 2016 19:10

Tgt Ion:228 Resp: 1012143
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.2 37.8
 229 19.8 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: 36.91 ng

RT: 14.09 min Scan# 1033

Delta R.T. -0.02 min

Lab File: BF085307.D

Acq: 9 Mar 2016 19:10

Instrument :

BNA_F

ClientSampleId :

PB88789BSD

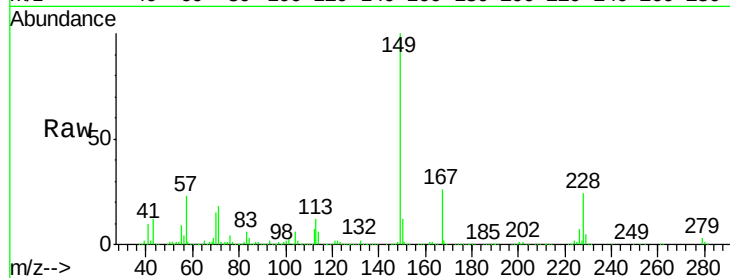
Tgt Ion:149 Resp: 784240

Ion Ratio Lower Upper

149 100

167 26.4 20.3 30.5

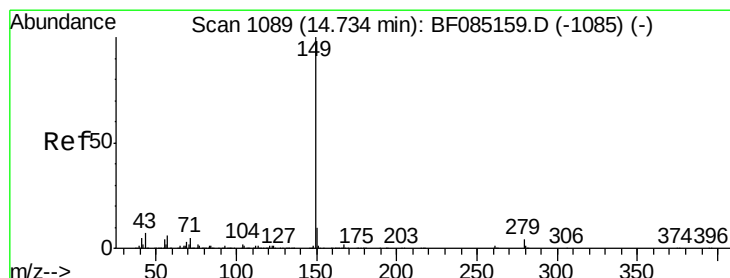
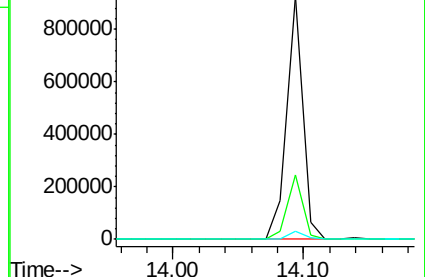
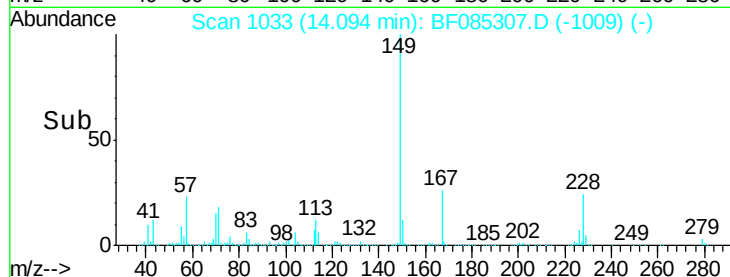
279 3.3 1.9 2.9#



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: 37.30 ng

RT: 14.70 min Scan# 1086

Delta R.T. -0.03 min

Lab File: BF085307.D

Acq: 9 Mar 2016 19:10

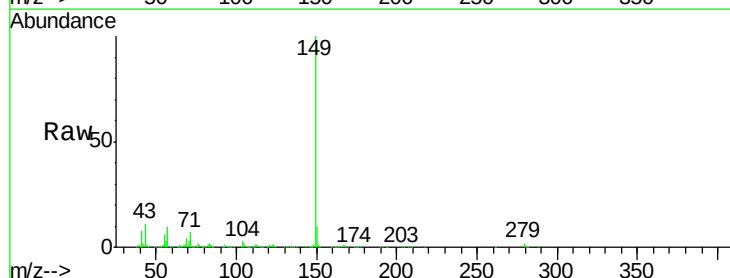
Tgt Ion:149 Resp: 1207153

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

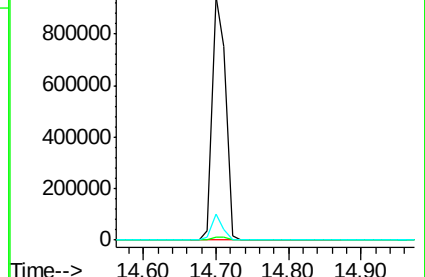
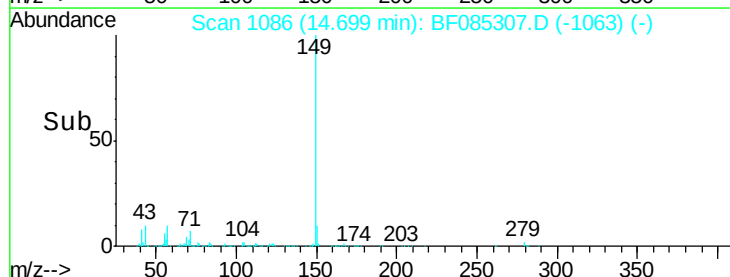
43 8.4 7.8 11.8

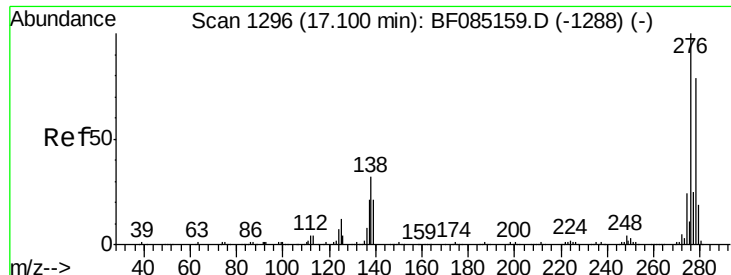


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

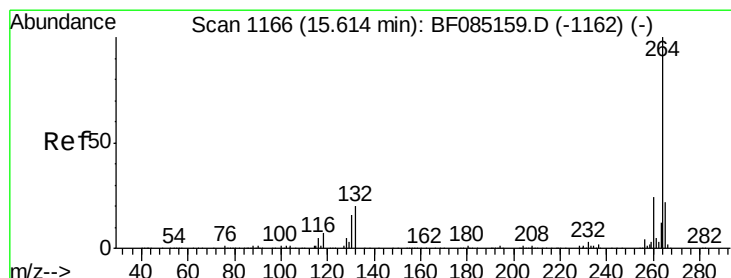
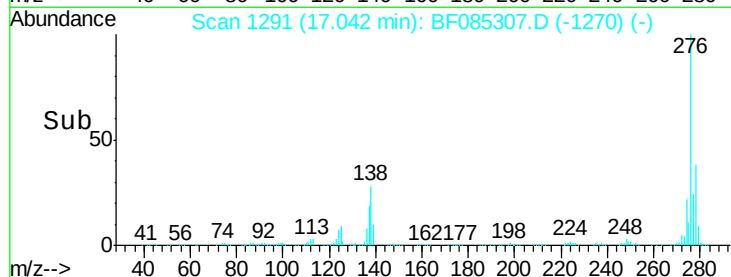
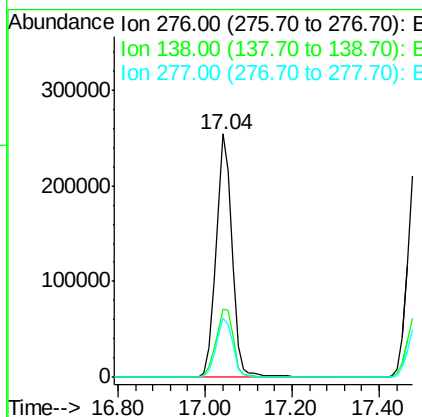
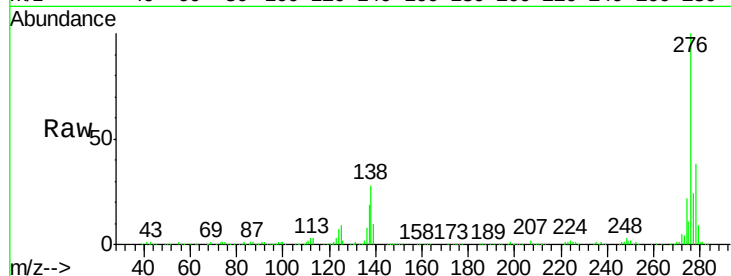




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.82 ng
 RT: 17.04 min Scan# 1291
 Delta R.T. -0.06 min
 Lab File: BF085307.D
 Acq: 9 Mar 2016 19:10

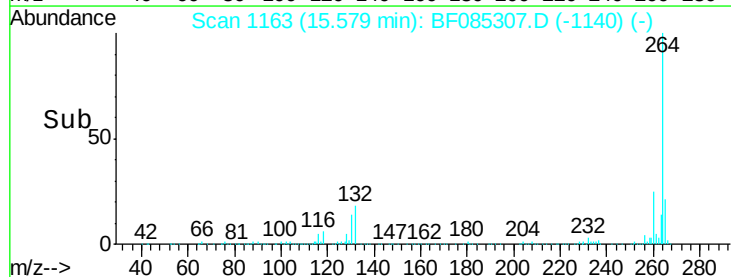
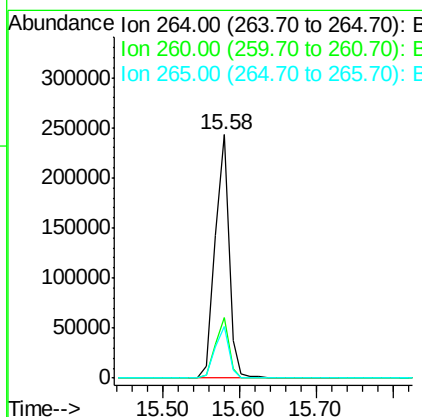
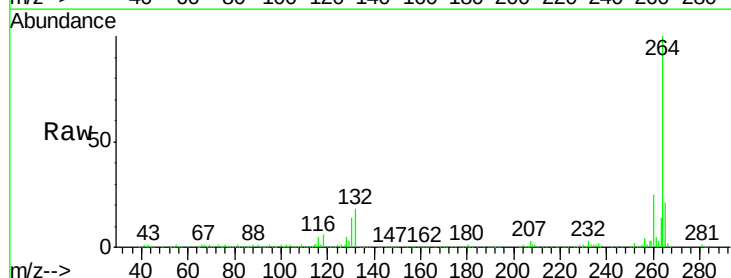
Instrument :
 BNA_F
 ClientSampleId :
 PB88789BSD

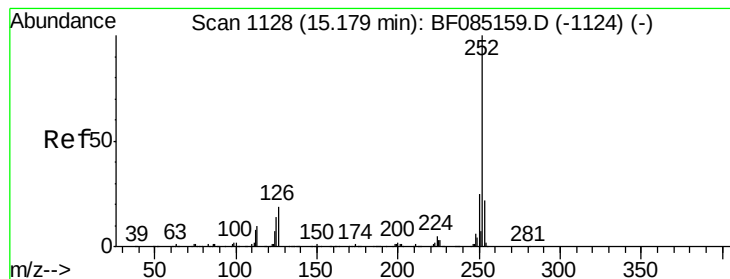
Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.6	26.4	39.6
277	25.3	20.2	30.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.58 min Scan# 1163
 Delta R.T. -0.03 min
 Lab File: BF085307.D
 Acq: 9 Mar 2016 19:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.4	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 43.17 ng

RT: 15.16 min Scan# 1126

Delta R.T. -0.02 min

Lab File: BF085307.D

Acq: 9 Mar 2016 19:10

Instrument :

BNA_F

ClientSampleId :

PB88789BSD

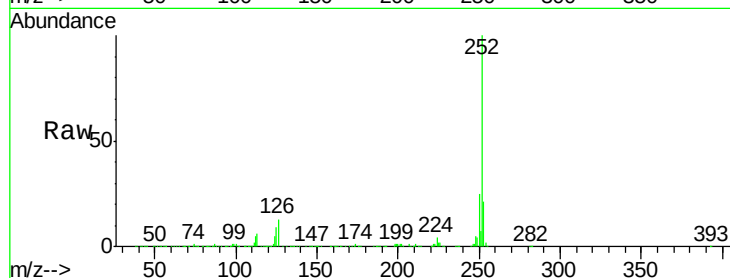
Tgt Ion:252 Resp: 879169

Ion Ratio Lower Upper

252 100

253 21.4 17.8 26.6

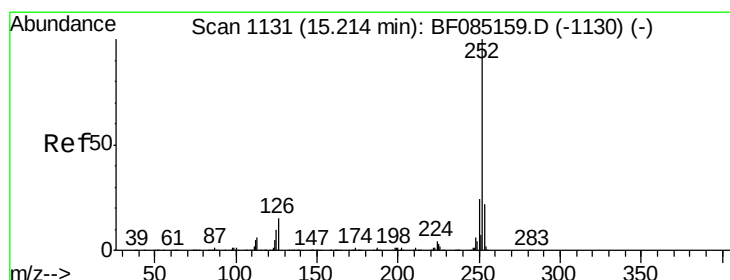
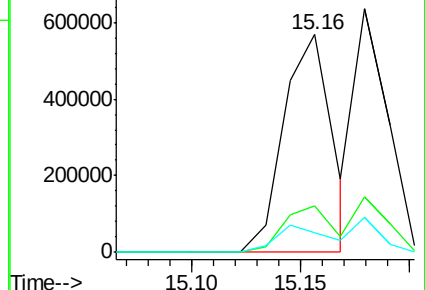
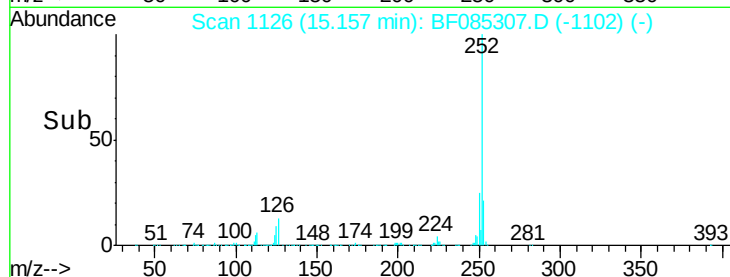
125 9.2 11.3 16.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 53.52 ng

RT: 15.16 min Scan# 1126

Delta R.T. -0.06 min

Lab File: BF085307.D

Acq: 9 Mar 2016 19:10

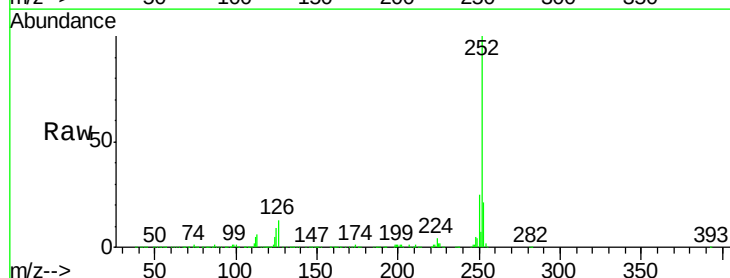
Tgt Ion:252 Resp: 879169

Ion Ratio Lower Upper

252 100

253 21.4 17.8 26.6

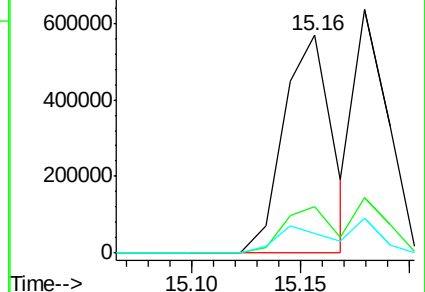
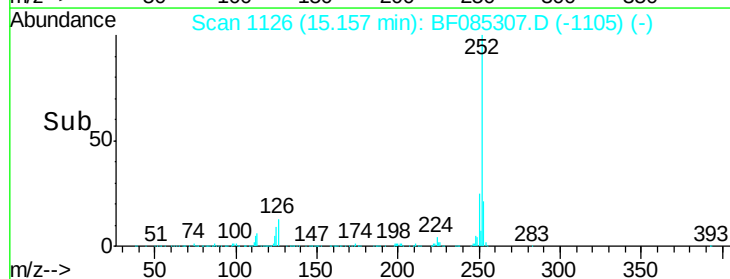
125 9.2 10.4 15.6#

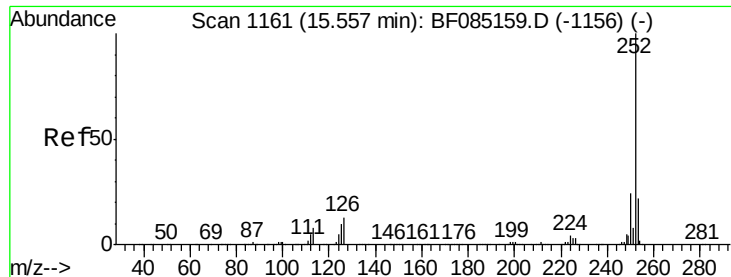


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 42.81 ng

RT: 15.52 min Scan# 1158

Delta R.T. -0.03 min

Lab File: BF085307.D

Acq: 9 Mar 2016 19:10

Instrument :

BNA_F

ClientSampleId :

PB88789BSD

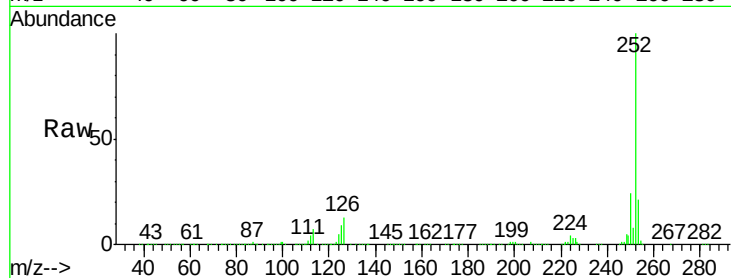
Tgt Ion:252 Resp: 722401

Ion Ratio Lower Upper

252 100

253 21.2 17.4 26.0

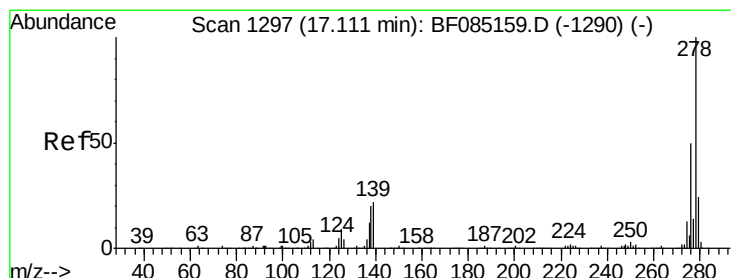
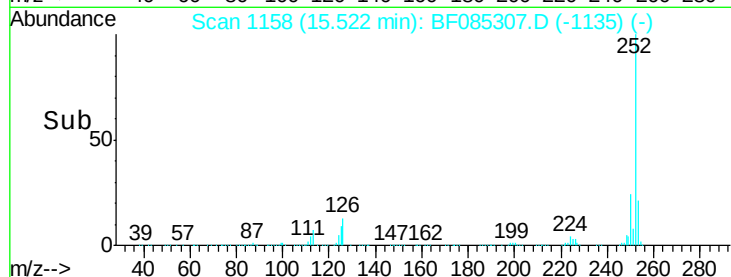
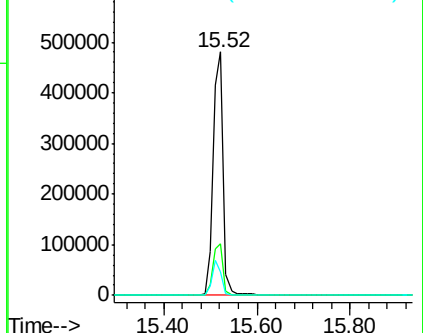
125 9.4 8.2 12.4



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: 38.77 ng

RT: 17.07 min Scan# 1293

Delta R.T. -0.05 min

Lab File: BF085307.D

Acq: 9 Mar 2016 19:10

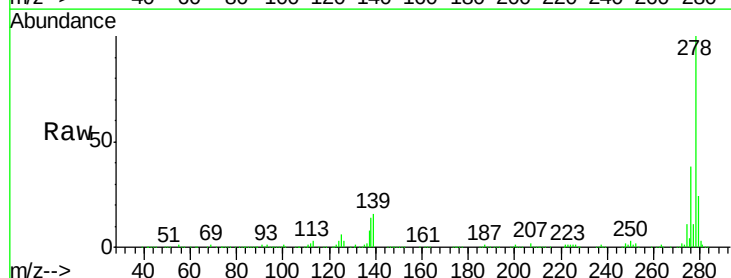
Tgt Ion:278 Resp: 558519

Ion Ratio Lower Upper

278 100

139 16.4 17.3 25.9#

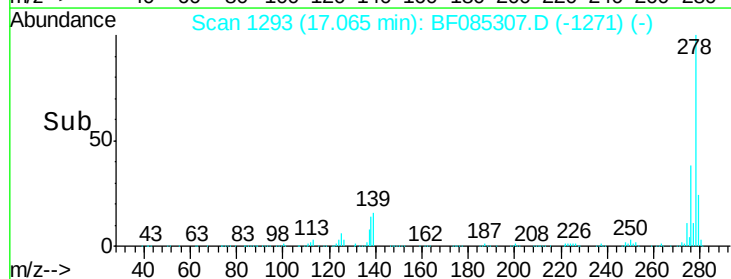
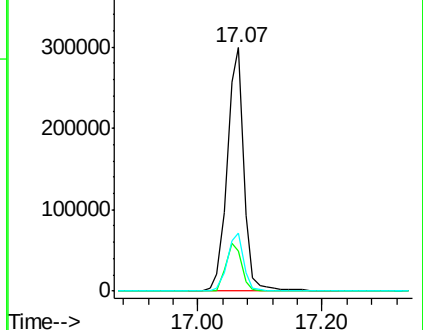
279 23.6 19.2 28.8

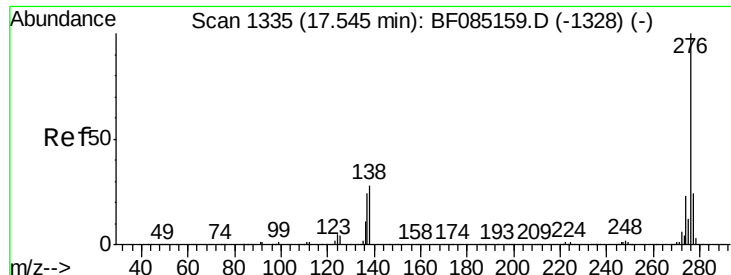


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 39.11 ng

RT: 17.49 min Scan# 1330

Delta R.T. -0.06 min

Lab File: BF085307.D

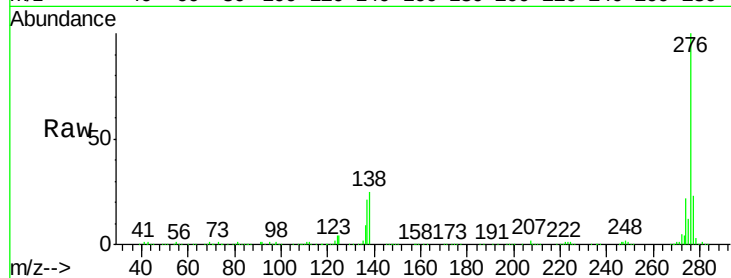
Acq: 9 Mar 2016 19:10

Instrument :

BNA_F

ClientSampleId :

PB88789BSD



Tgt Ion:	276	Resp:	566529
Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.0	28.4
138	25.2	22.5	33.7

