

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
 Data File : BF085807.D
 Acq On : 28 Mar 2016 17:54
 Operator : UM/SJ
 Sample : PB89249BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89249BS

Quant Time: Mar 29 03:34:41 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 15:27:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	105214	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	429659	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	183291	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	344772	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	215386	20.00	ng	0.00
86) Perylene-d12	15.40	264	177799	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	732869	116.01	ng	0.01
7) Phenol-d6	6.46	99	946093	117.79	ng	0.00
23) Nitrobenzene-d5	7.38	82	595589	78.06	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	259325	148.91	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1006047	91.70	ng	-0.01
78) Terphenyl-d14	12.93	244	1000156	95.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	105832	35.08	ng	98
3) Pyridine	3.17	79	300498	41.55	ng	99
4) n-Nitrosodimethylamine	3.12	42	117062	40.43	ng	99
6) Aniline	6.48	93	213636	19.76	ng	99
8) 2-Chlorophenol	6.61	128	288059	39.24	ng	91
9) Benzaldehyde	6.37	77	37924	7.84	ng	92
10) Phenol	6.47	94	397253	43.65	ng	99
11) bis(2-Chloroethyl)ether	6.55	93	269657	38.51	ng	93
12) 1,3-Dichlorobenzene	6.76	146	311774	39.44	ng	# 96
13) 1,4-Dichlorobenzene	6.84	146	320352	39.96	ng	94
14) 1,2-Dichlorobenzene	6.98	146	294766	39.46	ng	96
15) Benzyl Alcohol	6.96	79	221926	41.41	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	340953	36.69	ng	97
17) 2-Methylphenol	7.08	107	235137	40.01	ng	97
18) Hexachloroethane	7.33	117	117789	40.13	ng	91
19) n-Nitroso-di-n-propylamine	7.24	70	198221	41.21	ng	95
20) 3+4-Methylphenols	7.24	107	302700	42.84	ng	# 85
22) Acetophenone	7.22	105	386191	38.58	ng	# 96
24) Nitrobenzene	7.41	77	320528	40.75	ng	# 86
25) Isophorone	7.65	82	578490	39.36	ng	94
26) 2-Nitrophenol	7.72	139	151745	38.57	ng	# 83
27) 2,4-Dimethylphenol	7.76	122	270428	39.32	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	335613	40.07	ng	98
29) 2,4-Dichlorophenol	7.97	162	247574	42.82	ng	97
30) 1,2,4-Trichlorobenzene	8.05	180	257614	40.13	ng	97
31) Naphthalene	8.13	128	889727	41.10	ng	99
32) Benzoic acid	7.90	122	177036	38.76	ng	95
33) 4-Chloroaniline	8.18	127	90434	10.23	ng	99
34) Hexachlorobutadiene	8.24	225	132855	38.08	ng	99
35) Caprolactam	8.55	113	59092	28.85	ng	# 85
36) 4-Chloro-3-methylphenol	8.66	107	260735	38.61	ng	94
37) 2-Methylnaphthalene	8.81	142	549913	43.13	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	232479	42.77	ng	99
40) Hexachlorocyclopentadiene	8.97	237	173856	77.12	ng	99

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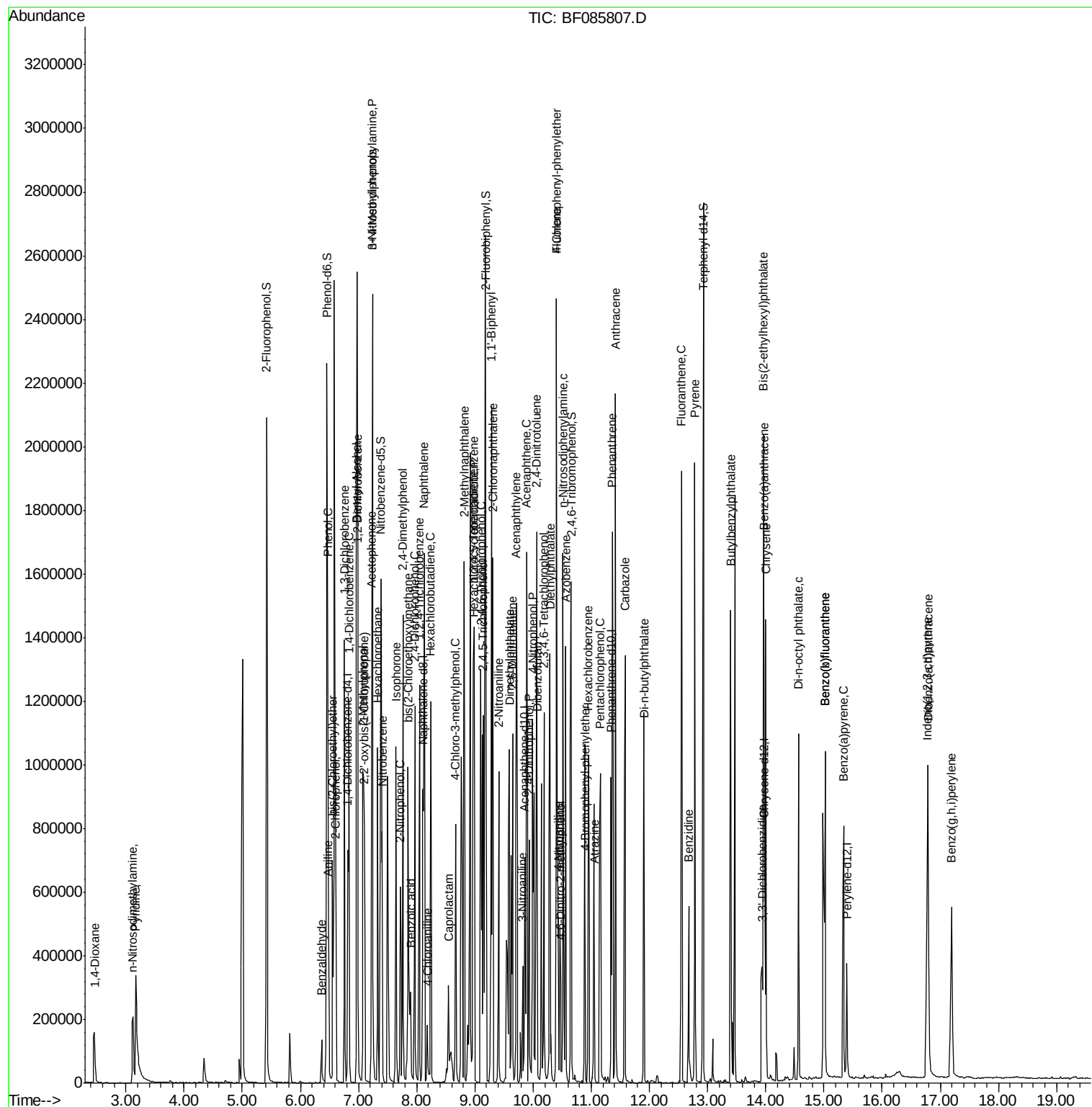
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	159741	43.51	ng	99
43) 2,4,5-Trichlorophenol	9.14	196	166701	43.30	ng	# 86
45) 1,1'-Biphenyl	9.28	154	651032	42.09	ng	98
46) 2-Chloronaphthalene	9.30	162	480058	42.21	ng	93
47) 2-Nitroaniline	9.41	65	161853	46.54	ng	96
48) Acenaphthylene	9.72	152	781098	42.15	ng	100
49) Dimethylphthalate	9.59	163	613132	44.09	ng	98
50) 2,6-Dinitrotoluene	9.65	165	125165	41.82	ng	96
51) Acenaphthene	9.89	154	462645	40.87	ng	99
52) 3-Nitroaniline	9.82	138	69558	20.30	ng	87
53) 2,4-Dinitrophenol	9.93	184	132908	87.29	ng	# 72
54) Dibenzofuran	10.07	168	682426	46.58	ng	94
55) 4-Nitrophenol	9.99	139	192430	86.21	ng	98
56) 2,4-Dinitrotoluene	10.06	165	174689	45.92	ng	# 83
57) Fluorene	10.40	166	504260	41.41	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	126882	47.42	ng	98
59) Diethylphthalate	10.29	149	614901	44.76	ng	98
60) 4-Chlorophenyl-phenylether	10.40	204	265625	44.61	ng	# 86
61) 4-Nitroaniline	10.44	138	141208	43.09	ng	96
62) Azobenzene	10.56	77	649074	49.16	ng	93
64) 4,6-Dinitro-2-methylphenol	10.47	198	83124	41.17	ng	# 51
65) n-Nitrosodiphenylamine	10.52	169	444435	40.70	ng	99
66) 4-Bromophenyl-phenylether	10.89	248	147135	41.71	ng	# 83
67) Hexachlorobenzene	10.95	284	153217	41.54	ng	# 66
68) Atrazine	11.05	200	141302	38.33	ng	94
69) Pentachlorophenol	11.16	266	162578	89.77	ng	98
70) Phenanthrene	11.36	178	751927	42.48	ng	100
71) Anthracene	11.42	178	824913	44.39	ng	99
72) Carbazole	11.58	167	726080	46.53	ng	98
73) Di-n-butylphthalate	11.91	149	904552	42.25	ng	# 98
74) Fluoranthene	12.55	202	716063	38.05	ng	96
76) Benzidine	12.68	184	222279	29.30	ng	97
77) Pyrene	12.78	202	730563	41.26	ng	99
79) Butylbenzylphthalate	13.40	149	328744	44.34	ng	# 77
80) Benzo(a)anthracene	13.97	228	509444	41.48	ng	100
81) 3,3'-Dichlorobenzidine	13.93	252	105273	12.35	ng	# 95
82) Chrysene	14.00	228	423181	34.21	ng	100
83) Bis(2-ethylhexyl)phthalate	13.96	149	407414	45.89	ng	# 97
84) Di-n-octyl phthalate	14.56	149	601674	45.58	ng	99
85) Indeno(1,2,3-cd)pyrene	16.78	276	527741	55.25	ng	99
87) Benzo(b)fluoranthene	15.02	252	865746	77.29	ng	# 96
88) Benzo(k)fluoranthene	15.02	252	865746	85.74	ng	99
89) Benzo(a)pyrene	15.34	252	422124	42.44	ng	# 96
90) Dibenzo(a,h)anthracene	16.79	278	438532	47.46	ng	100
91) Benzo(g,h,i)perylene	17.19	276	448533	47.94	ng	99

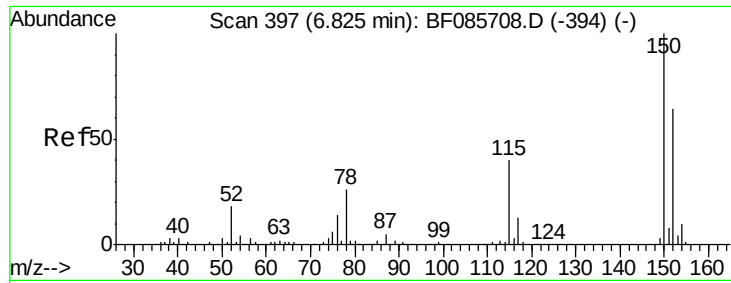
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

Instrument :

BNA_F

ClientSampleId :

PB89249BS

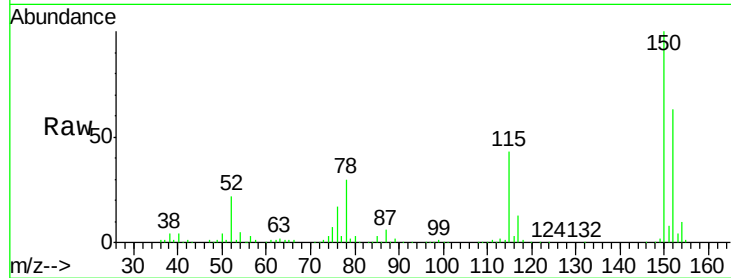
Tgt Ion:152 Resp: 105214

Ion Ratio Lower Upper

152 100

150 159.6 124.2 186.2

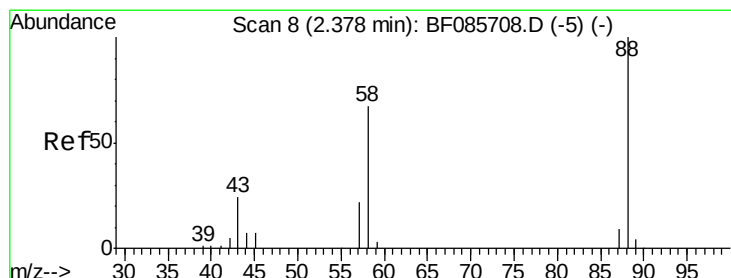
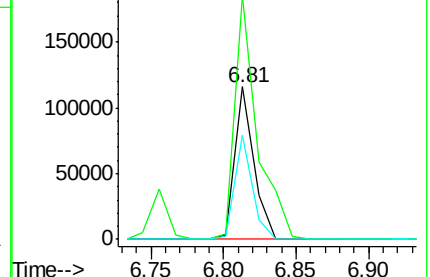
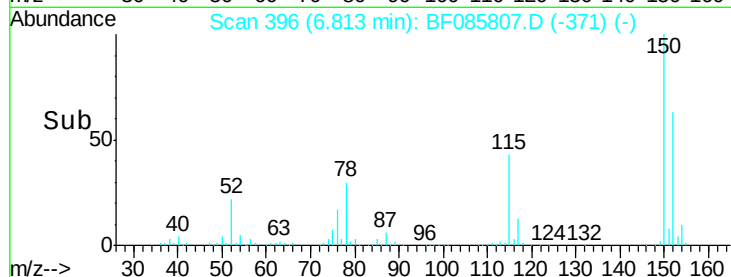
115 68.1 47.0 70.6



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: 35.08 ng

RT: 2.46 min Scan# 15

Delta R.T. 0.08 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

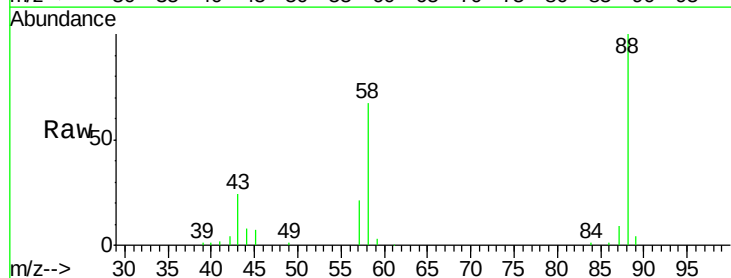
Tgt Ion: 88 Resp: 105832

Ion Ratio Lower Upper

88 100

58 69.0 54.2 81.2

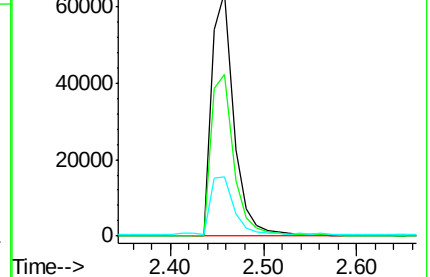
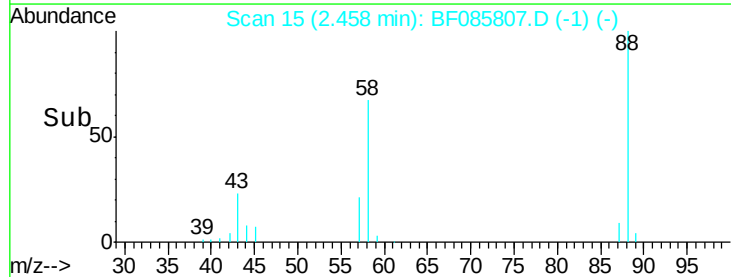
43 25.3 19.3 28.9

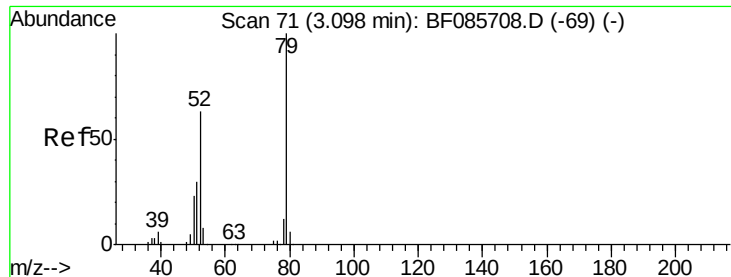


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 41.55 ng

RT: 3.17 min Scan# 77

Delta R.T. 0.07 min

Lab File: BF085807.D

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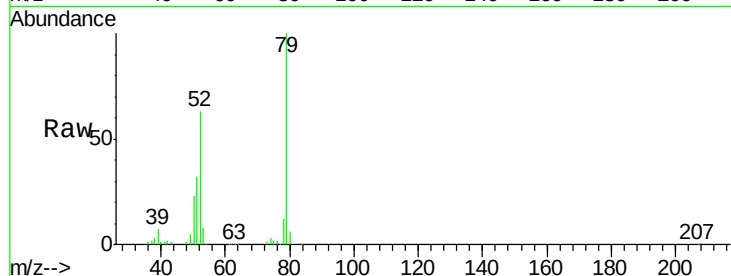
Tgt Ion: 79 Resp: 300498

Ion Ratio Lower Upper

79 100

52 62.8 49.8 74.6

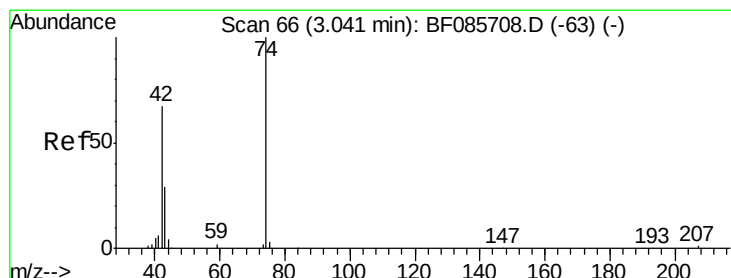
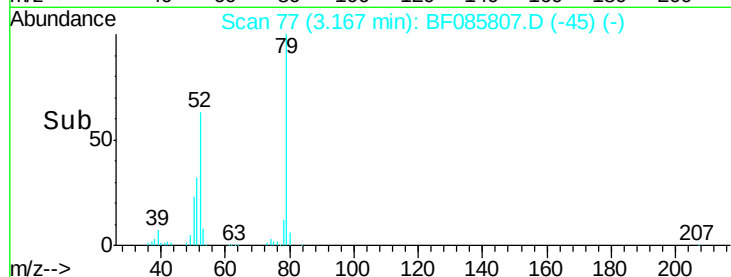
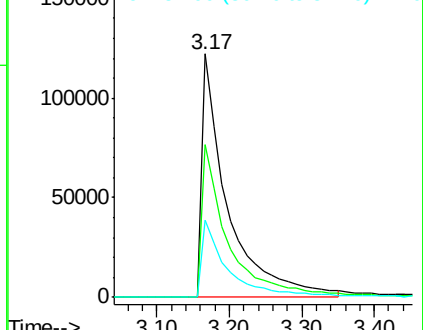
51 31.7 24.7 37.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 40.43 ng

RT: 3.12 min Scan# 73

Delta R.T. 0.08 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

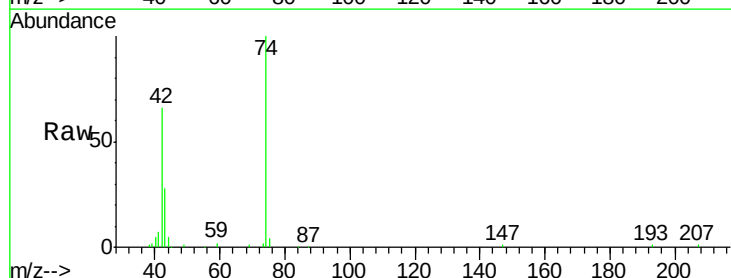
Tgt Ion: 42 Resp: 117062

Ion Ratio Lower Upper

42 100

74 150.7 121.4 182.2

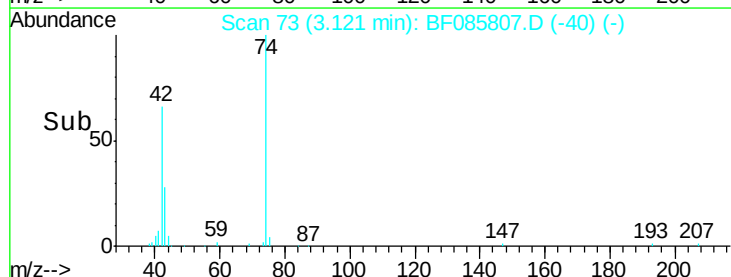
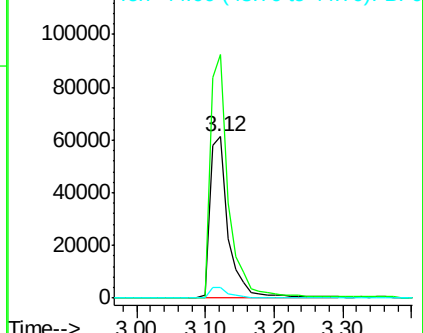
44 6.8 5.6 8.4

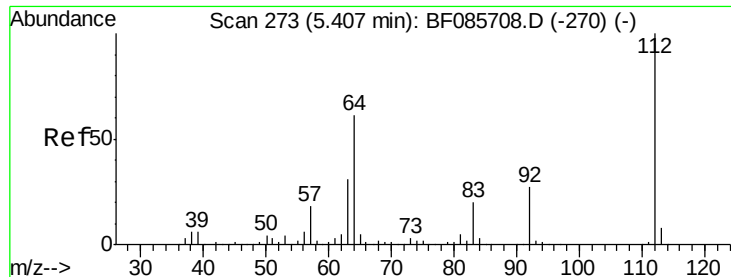


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 116.01 ng

RT: 5.42 min Scan# 274

Delta R.T. 0.01 min

Lab File: BF085807.D

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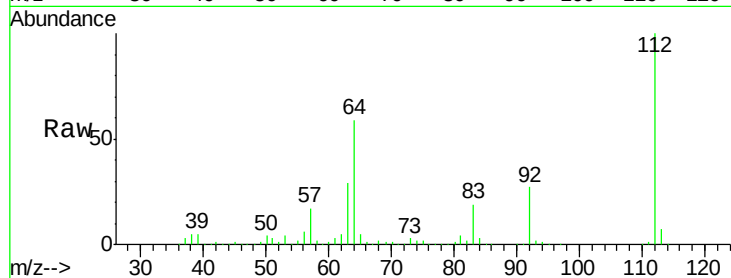
Tgt Ion: 112 Resp: 732869

Ion Ratio Lower Upper

112 100

64 58.6 39.9 59.9

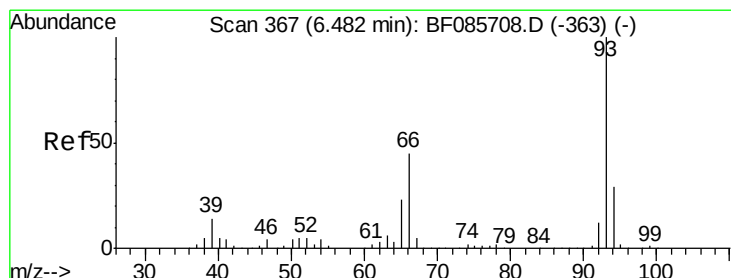
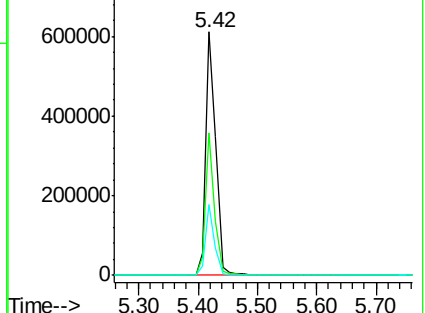
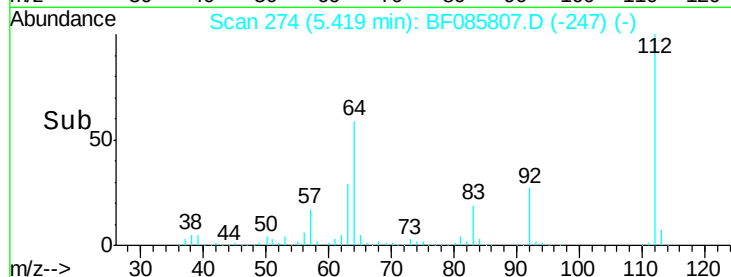
63 29.3 20.2 30.2



Abundance Ion 112.00 (111.70 to 112.70): BF085807.D (-270) (-)

Ion 64.00 (63.70 to 64.70): BF085807.D (-270) (-)

Ion 63.00 (62.70 to 63.70): BF085807.D (-270) (-)



#6

Aniline

Concen: 19.76 ng

RT: 6.48 min Scan# 367

Delta R.T. 0.00 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

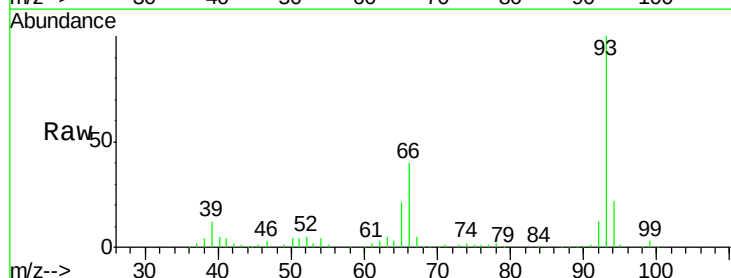
Tgt Ion: 93 Resp: 213636

Ion Ratio Lower Upper

93 100

66 39.7 31.4 47.2

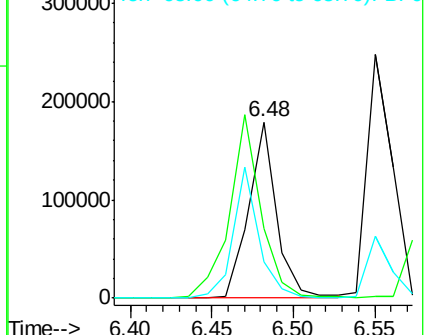
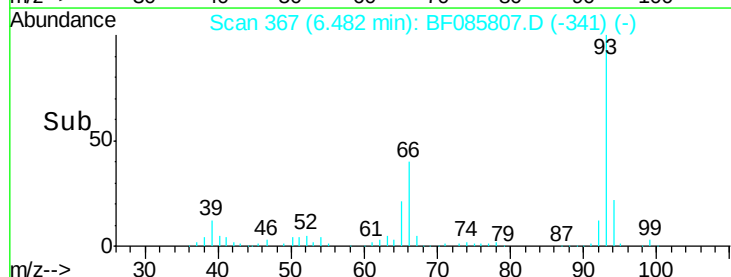
65 20.9 15.7 23.5

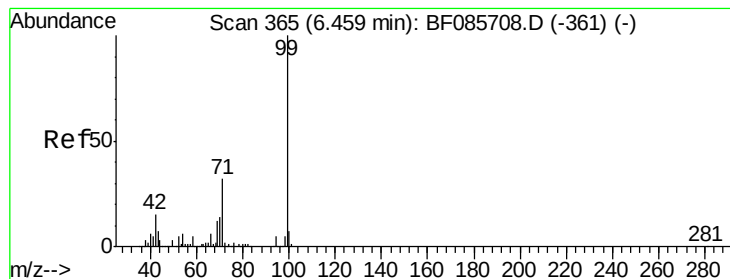


Abundance Ion 93.00 (92.70 to 93.70): BF085807.D (-363) (-)

Ion 66.00 (65.70 to 66.70): BF085807.D (-363) (-)

Ion 65.00 (64.70 to 65.70): BF085807.D (-363) (-)





#7

Phenol-d6

Concen: 117.79 ng

RT: 6.46 min Scan# 365

Delta R.T. 0.00 min

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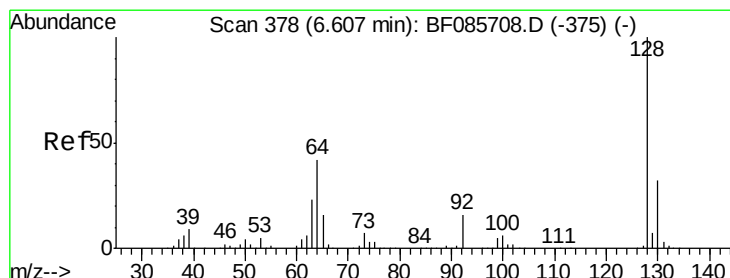
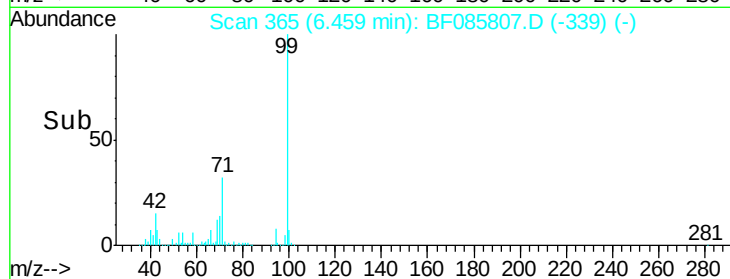
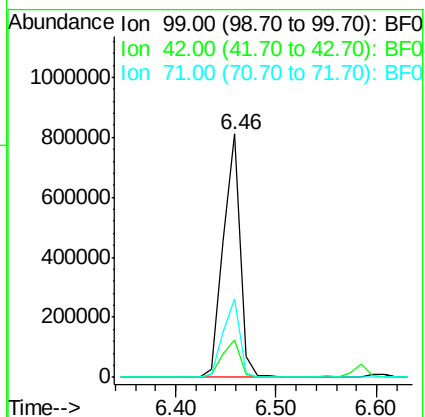
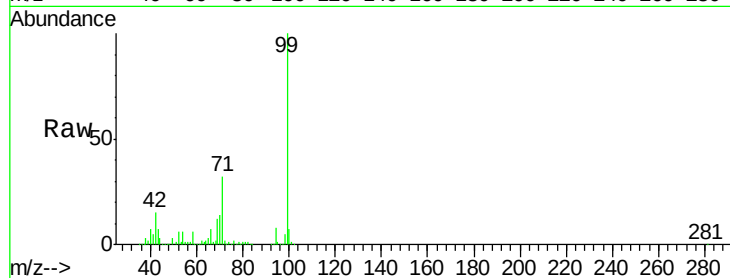
Tgt Ion: 99 Resp: 946093

Ion Ratio Lower Upper

99 100

42 15.3 11.1 16.7

71 32.3 24.9 37.3



#8

2-Chlorophenol

Concen: 39.24 ng

RT: 6.61 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

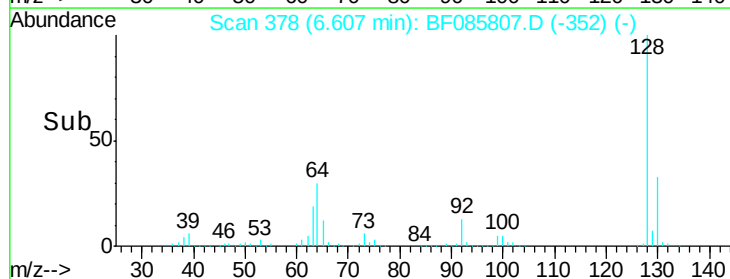
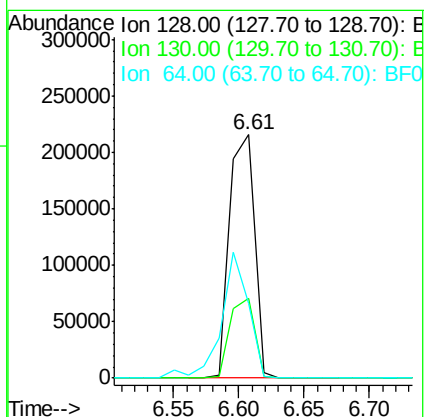
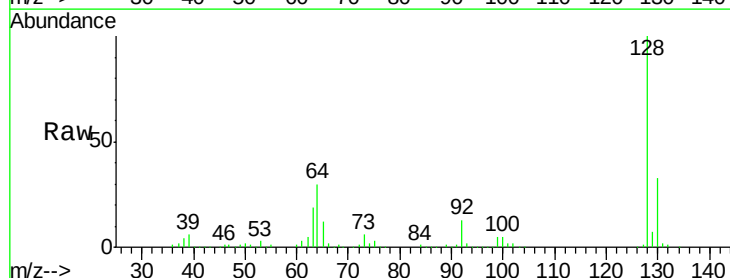
Tgt Ion: 128 Resp: 288059

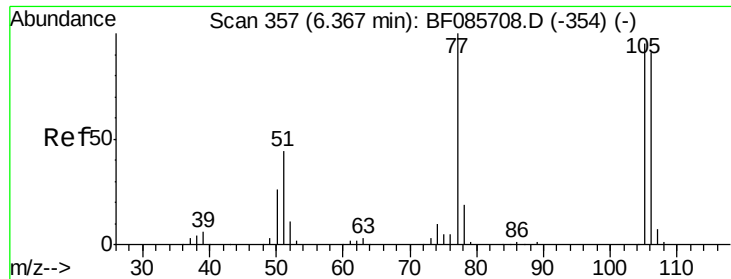
Ion Ratio Lower Upper

128 100

130 32.6 12.9 52.9

64 30.5 20.2 60.2





#9

Benzaldehyde

Concen: 7.84 ng

RT: 6.37 min Scan# 357

Delta R.T. 0.00 min

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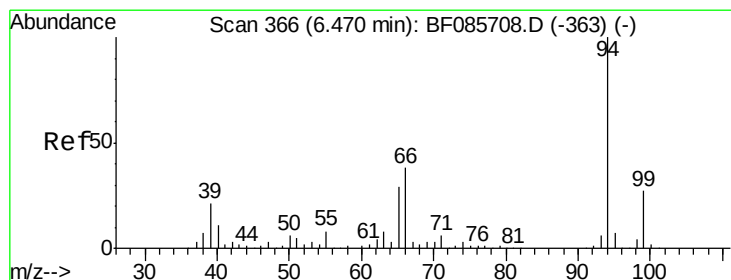
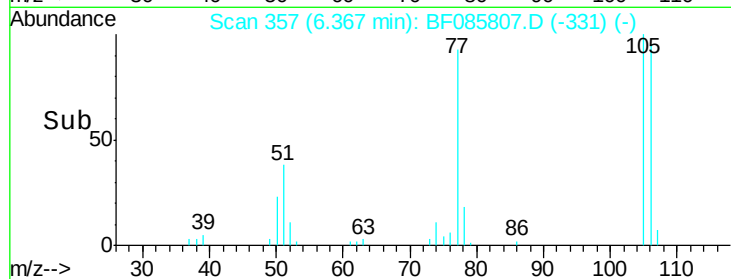
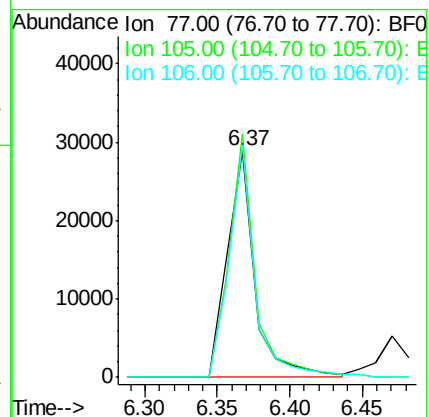
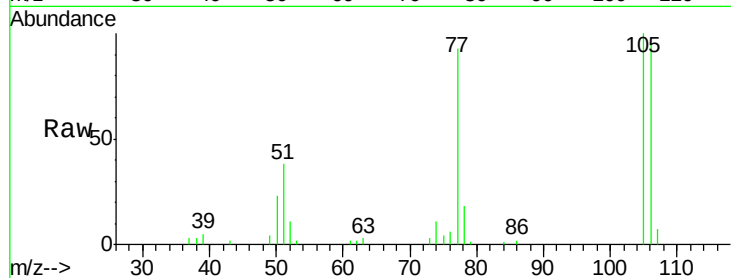
Tgt Ion: 77 Resp: 37924

Ion Ratio Lower Upper

77 100

105 107.6 80.1 120.1

106 102.6 75.0 115.0



#10

Phenol

Concen: 43.65 ng

RT: 6.47 min Scan# 366

Delta R.T. 0.00 min

Lab File: BF085807.D

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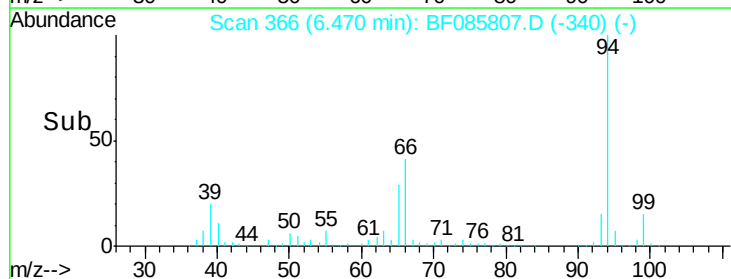
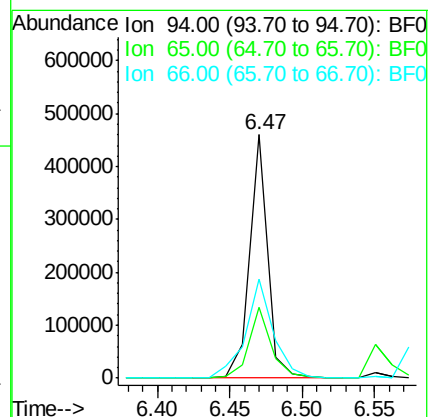
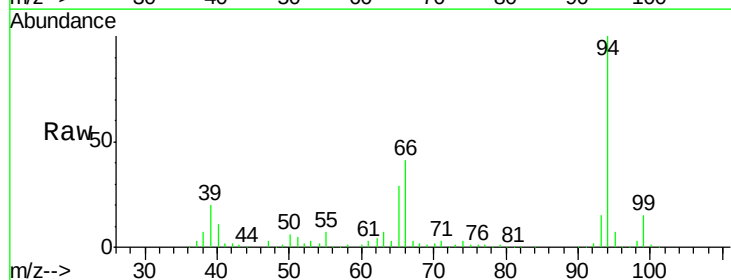
Tgt Ion: 94 Resp: 397253

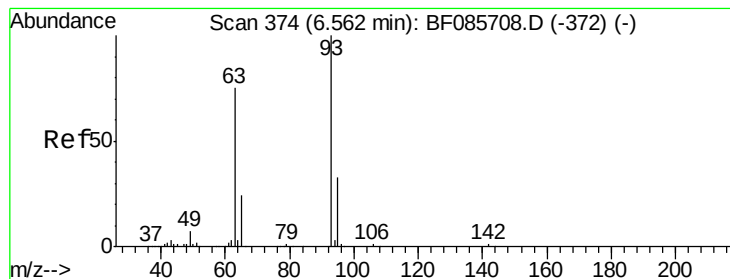
Ion Ratio Lower Upper

94 100

65 28.8 8.6 48.6

66 40.5 20.0 60.0





#11

bis(2-Chloroethyl)ether

Concen: 38.51 ng

RT: 6.55 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

Instrument :

BNA_F

ClientSampleId :

PB89249BS

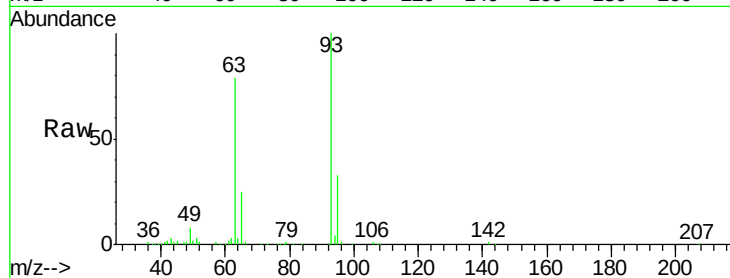
Tgt Ion: 93 Resp: 269657

Ion Ratio Lower Upper

93 100

63 78.6 50.9 90.9

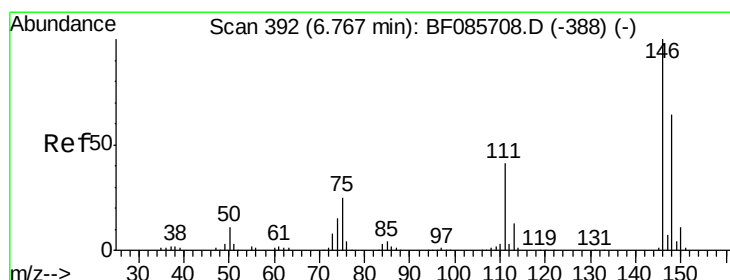
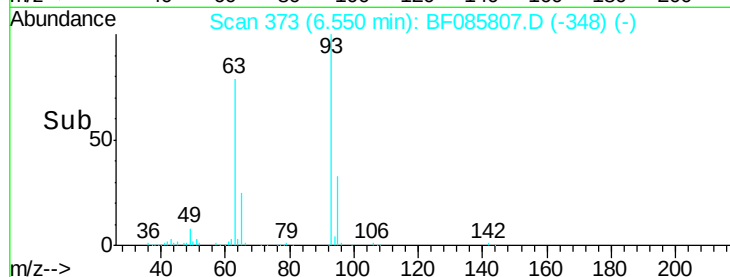
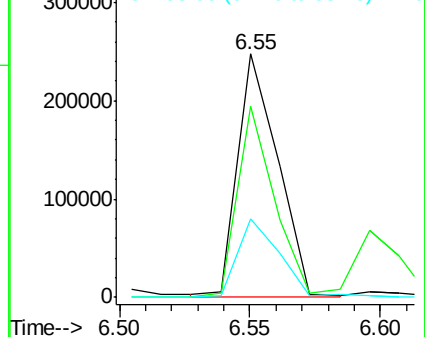
95 32.5 13.3 53.3



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 39.44 ng

RT: 6.76 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

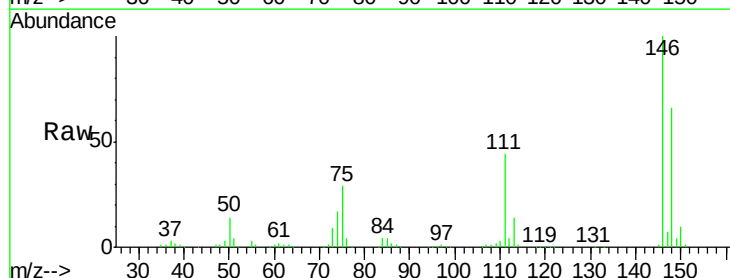
Tgt Ion: 146 Resp: 311774

Ion Ratio Lower Upper

146 100

148 65.7 52.3 78.5

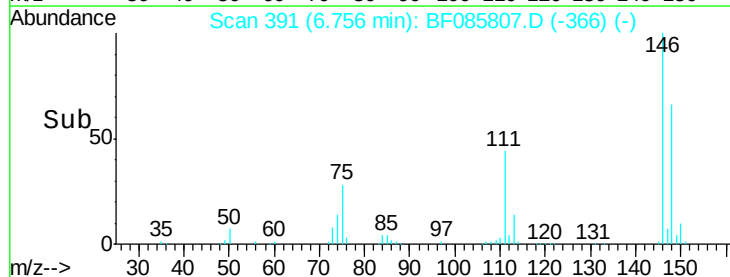
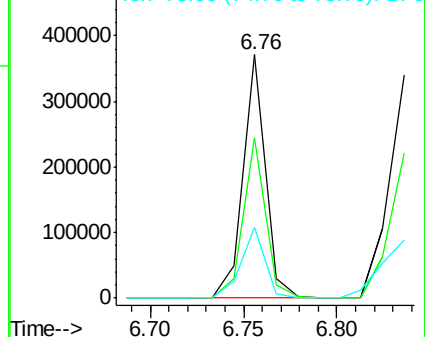
75 29.3 17.4 26.2#

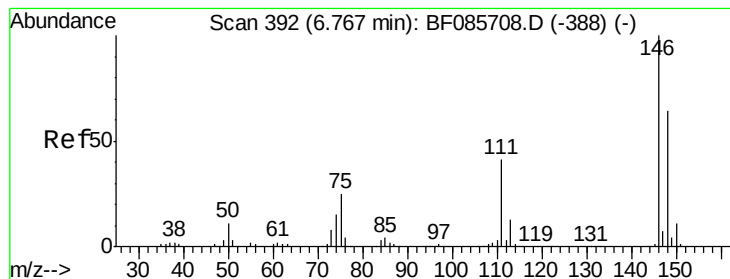


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 39.96 ng

RT: 6.84 min Scan# 398

Delta R.T. -0.01 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

Instrument :

BNA_F

ClientSampleId :

PB89249BS

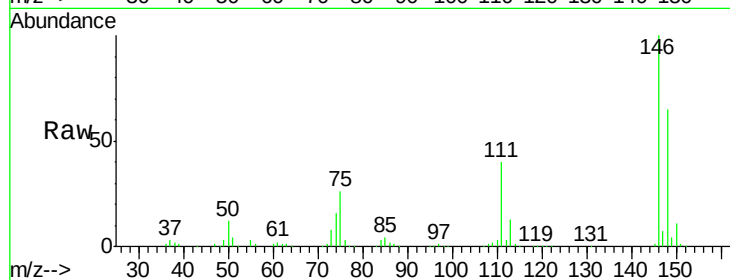
Tgt Ion:146 Resp: 320352

Ion Ratio Lower Upper

146 100

148 65.0 50.6 76.0

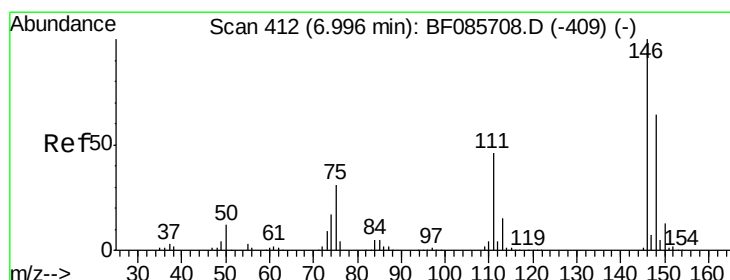
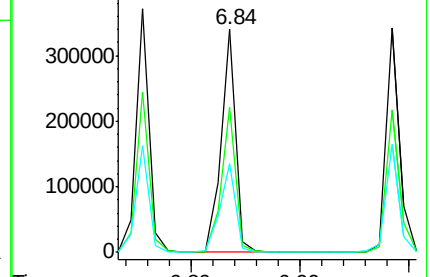
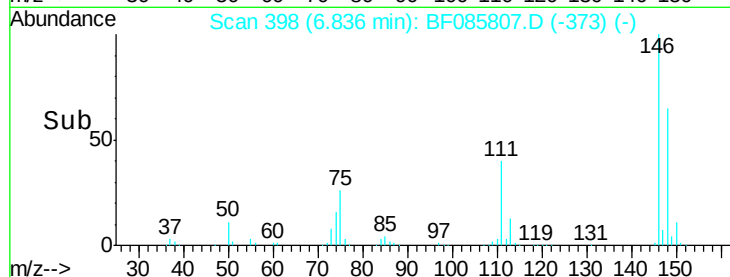
111 39.9 37.8 56.6



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: 39.46 ng

RT: 6.98 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

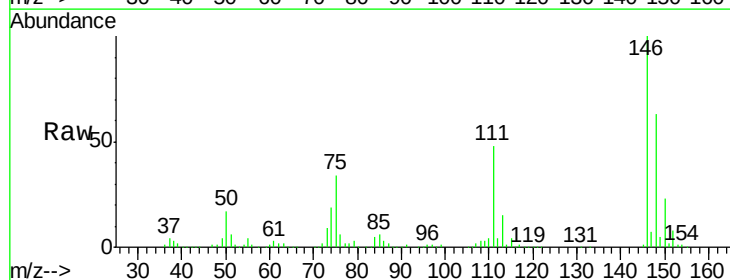
Tgt Ion:146 Resp: 294766

Ion Ratio Lower Upper

146 100

148 63.5 51.4 77.2

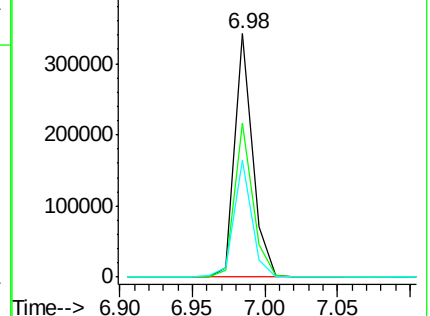
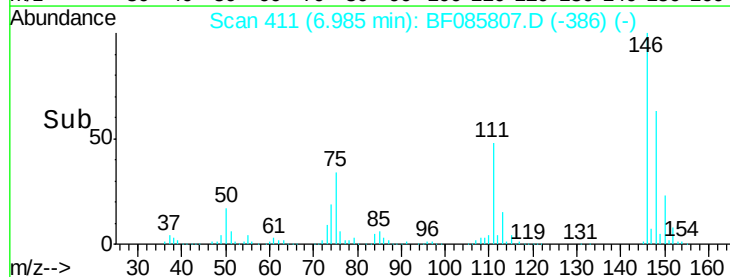
111 48.2 34.6 52.0

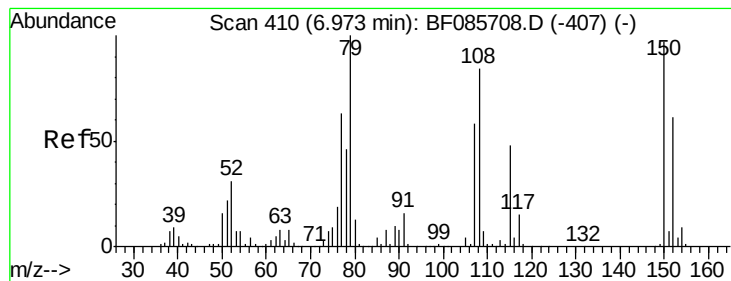


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.41 ng

RT: 6.96 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

Instrument :

BNA_F

ClientSampleId :

PB89249BS

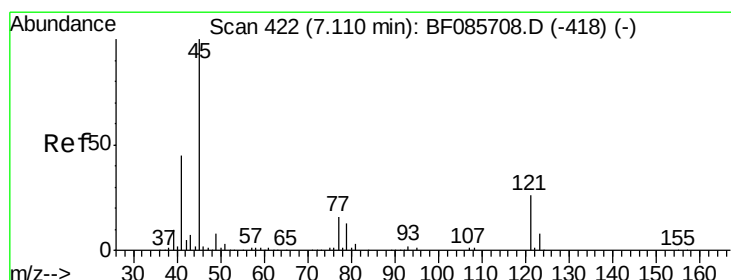
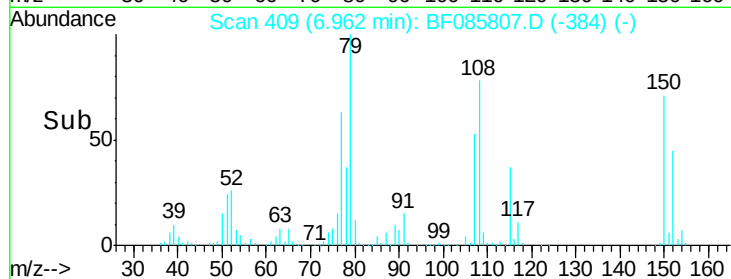
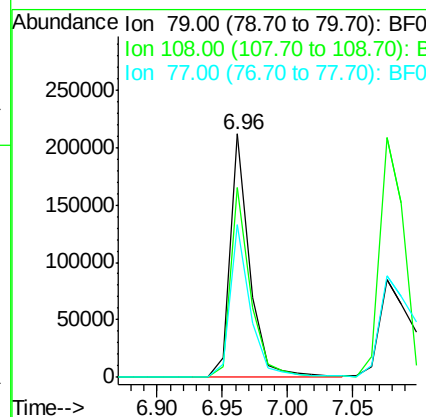
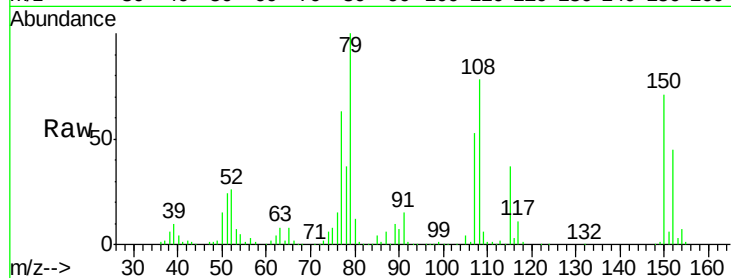
Tgt Ion: 79 Resp: 221926

Ion Ratio Lower Upper

79 100

108 77.9 61.8 92.6

77 62.6 49.6 74.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.69 ng

RT: 7.10 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

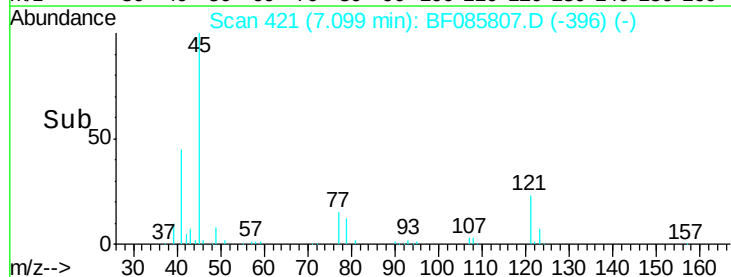
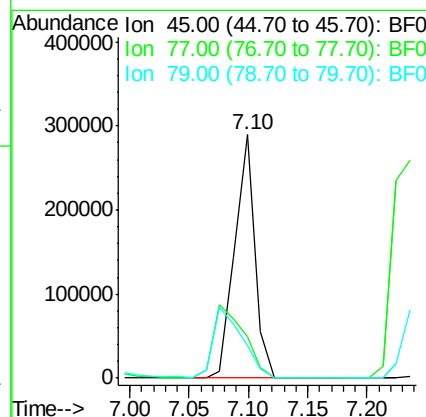
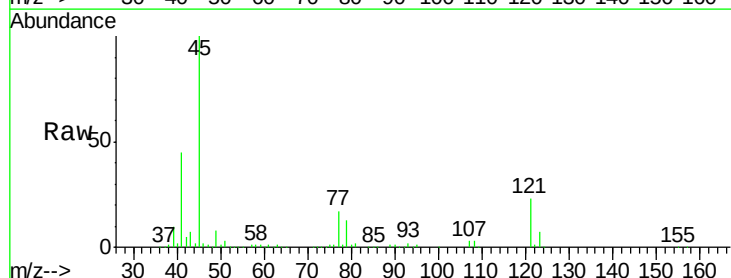
Tgt Ion: 45 Resp: 340953

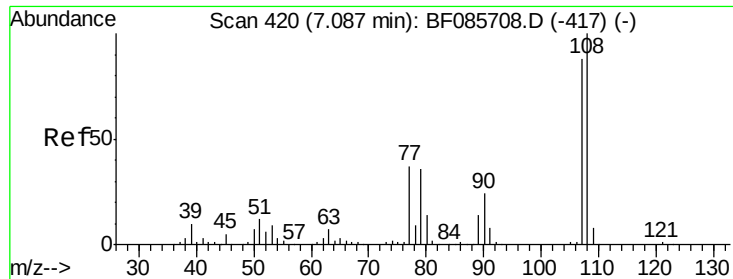
Ion Ratio Lower Upper

45 100

77 16.8 0.0 35.7

79 13.4 0.0 32.2

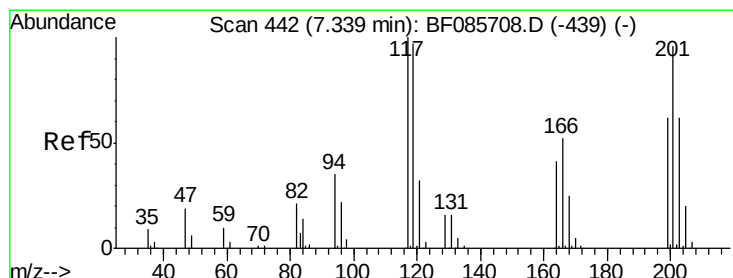
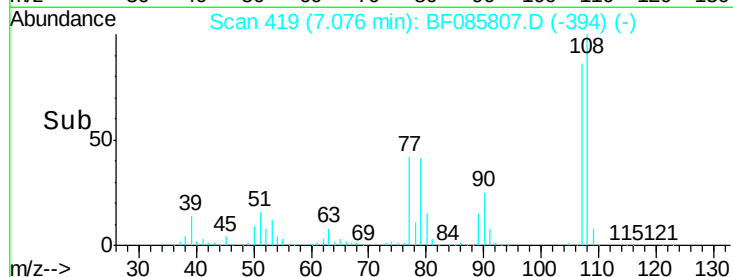
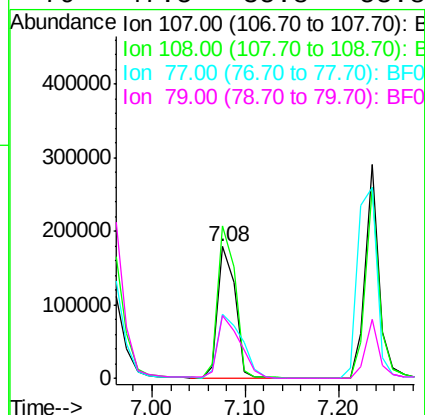
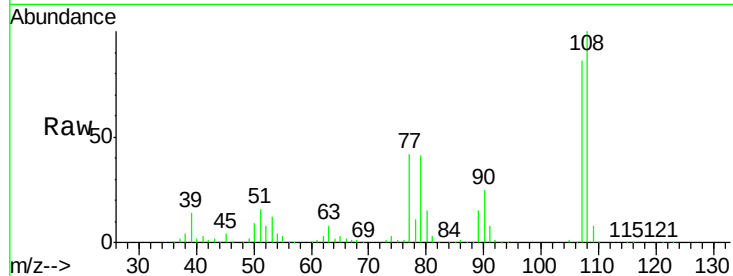




#17
2-Methylphenol
Concen: 40.01 ng
RT: 7.08 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF085807.D
Acq: 28 Mar 2016 17:54

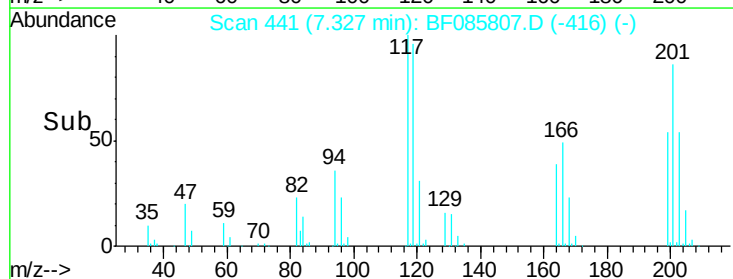
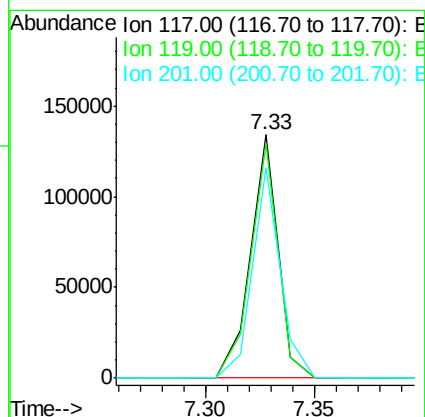
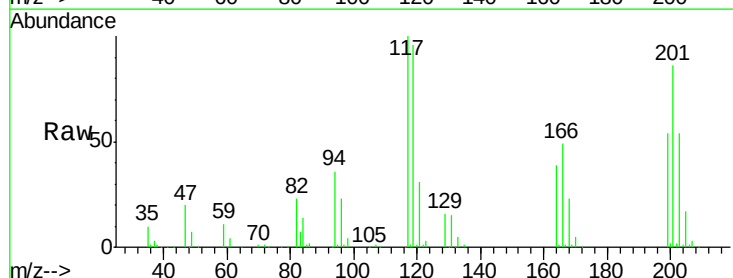
Instrument :
BNA_F
ClientSampleId :
PB89249BS

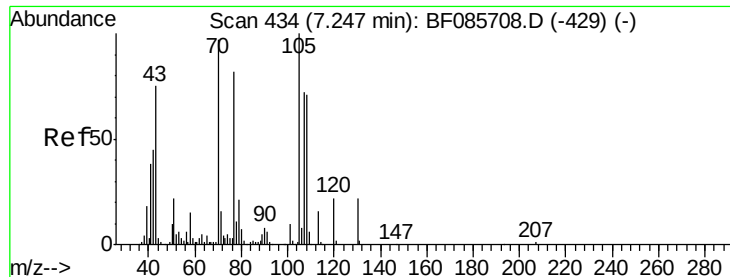
Tgt Ion:	107	Resp:	235137
Ion	Ratio	Lower	Upper
107	100		
108	116.4	91.4	137.0
77	49.2	36.2	54.2
79	47.5	35.8	53.8



#18
Hexachloroethane
Concen: 40.13 ng
RT: 7.33 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF085807.D
Acq: 28 Mar 2016 17:54

Tgt Ion:	117	Resp:	117789
Ion	Ratio	Lower	Upper
117	100		
119	96.5	76.7	115.1
201	86.2	83.3	124.9

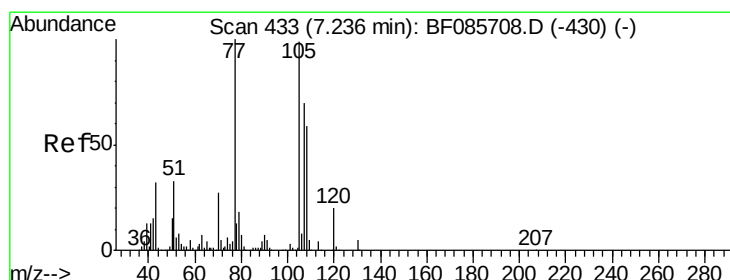
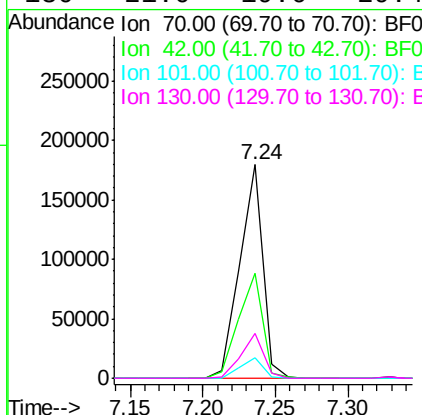
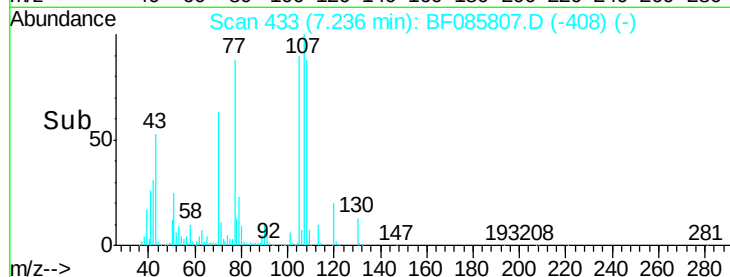
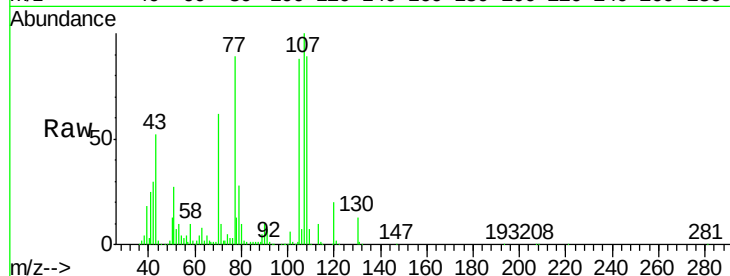




#19
n-Nitroso-di-n-propylamine
Concen: 41.21 ng
RT: 7.24 min Scan# 433
Delta R.T. -0.01 min
Lab File: BF085807.D
Acq: 28 Mar 2016 17:54

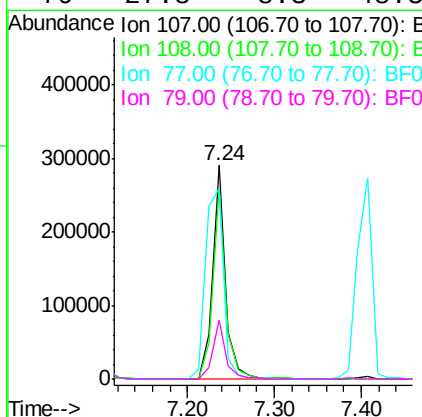
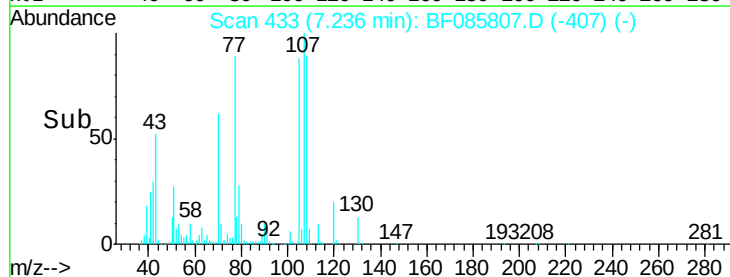
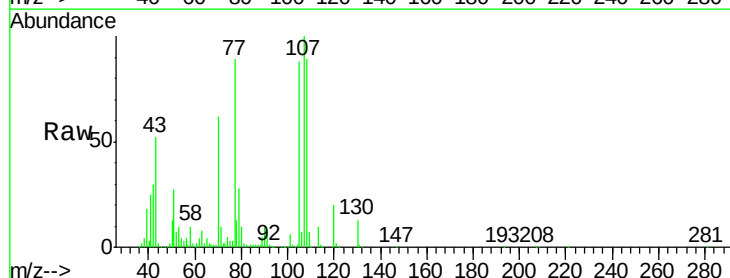
Instrument :
BNA_F
ClientSampled :
PB89249BS

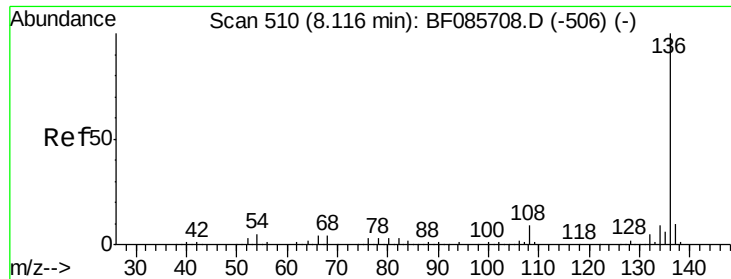
Tgt Ion: 70 Resp: 198221
Ion Ratio Lower Upper
70 100
42 49.3 37.1 55.7
101 9.8 8.6 12.8
130 21.0 19.6 29.4



#20
3+4-Methylphenols
Concen: 42.84 ng
RT: 7.24 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF085807.D
Acq: 28 Mar 2016 17:54

Tgt Ion: 107 Resp: 302700
Ion Ratio Lower Upper
107 100
108 89.1 69.3 109.3
77 89.3 101.7 141.7#
79 27.8 8.3 48.3

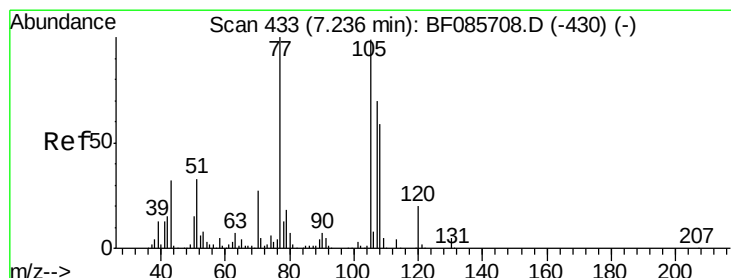
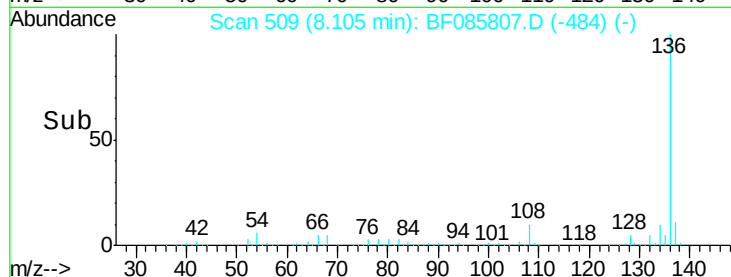
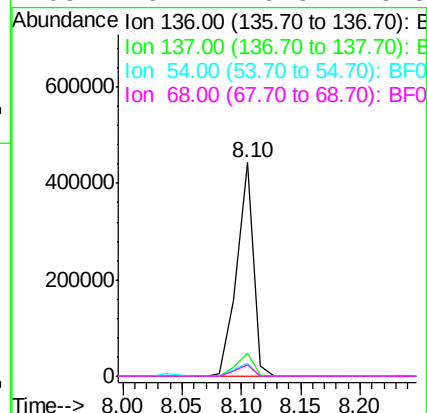
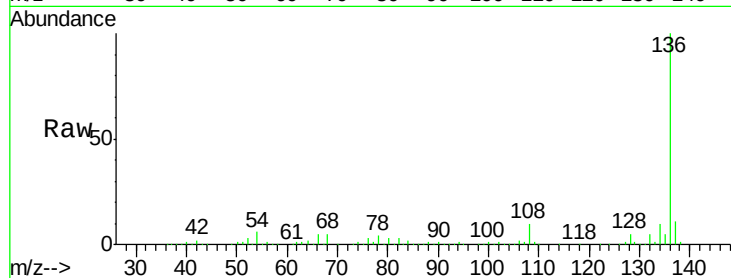




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF085807.D
Acq: 28 Mar 2016 17:54

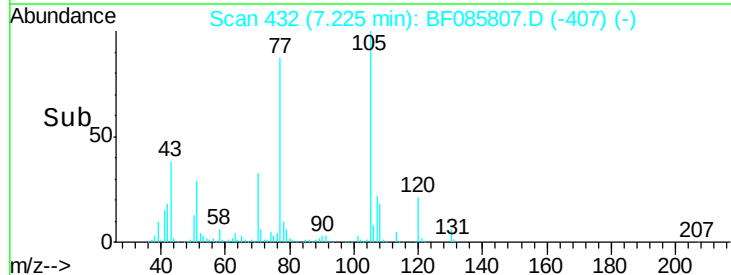
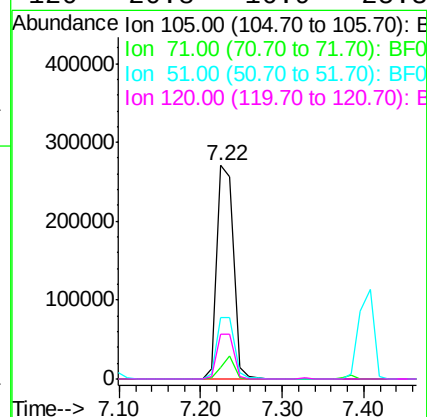
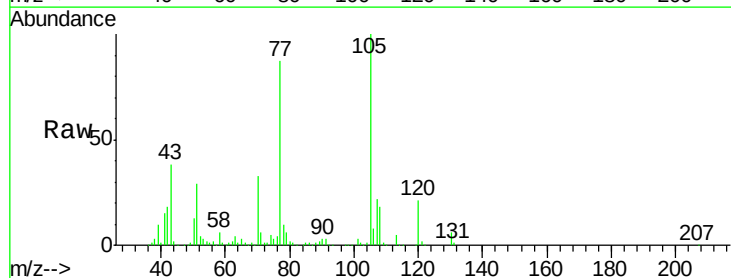
Instrument :
BNA_F
ClientSampleId :
PB89249BS

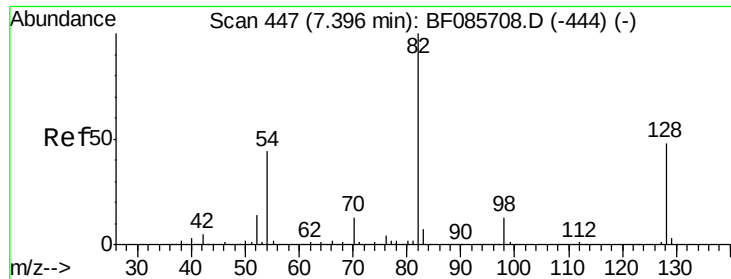
Tgt Ion:	136	Resp:	429659
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.1	13.7
54	6.0	7.4	11.0#
68	5.4	5.8	8.8#



#22
Acetophenone
Concen: 38.58 ng
RT: 7.22 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF085807.D
Acq: 28 Mar 2016 17:54

Tgt Ion:	105	Resp:	386191
Ion Ratio	Lower	Upper	
105	100		
71	5.5	3.6	5.4#
51	28.6	25.4	38.0
120	20.8	16.9	25.3

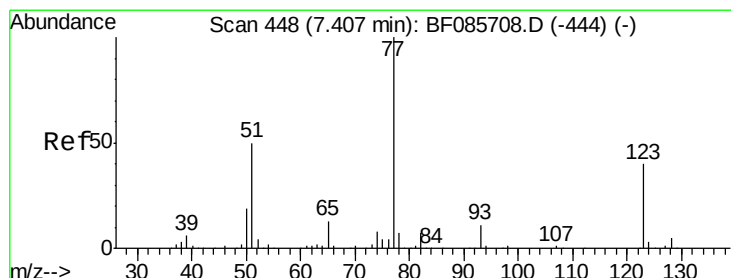
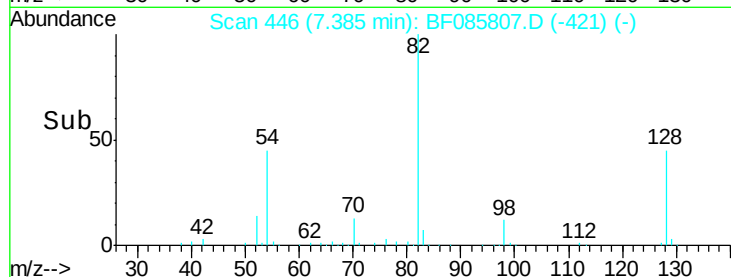
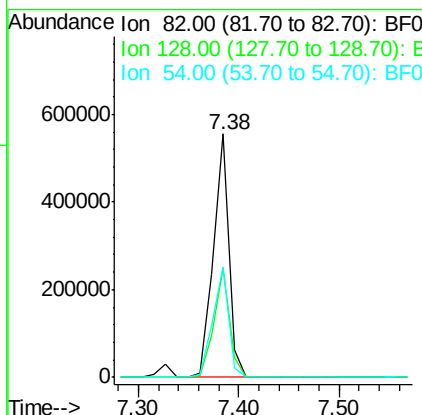
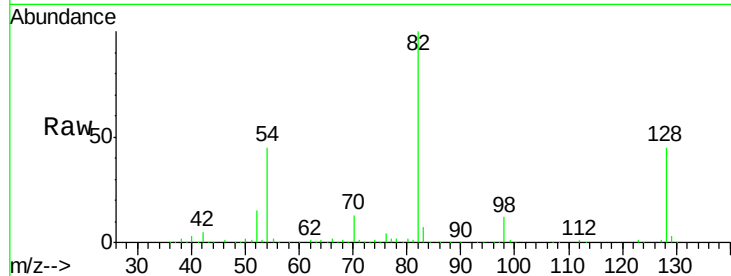




#23
 Nitrobenzene-d5
 Concen: 78.06 ng
 RT: 7.38 min Scan# 446
 Delta R.T. -0.01 min
 Lab File: BF085807.D
 Acq: 28 Mar 2016 17:54

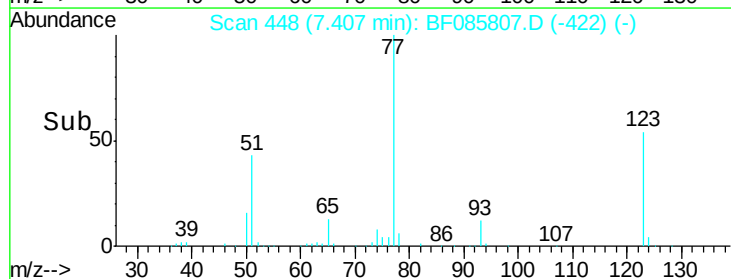
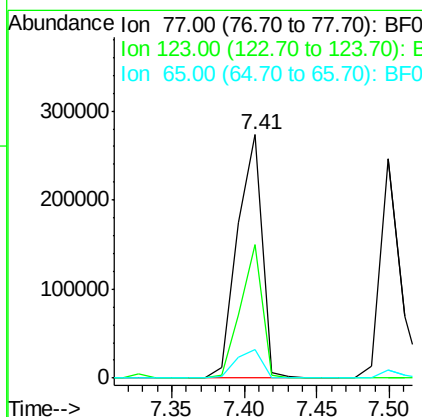
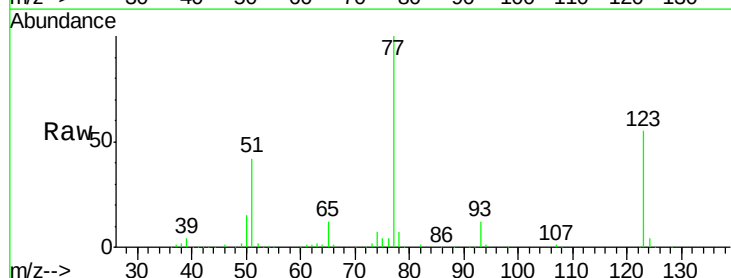
Instrument :
 BNA_F
 ClientSampleId :
 PB89249BS

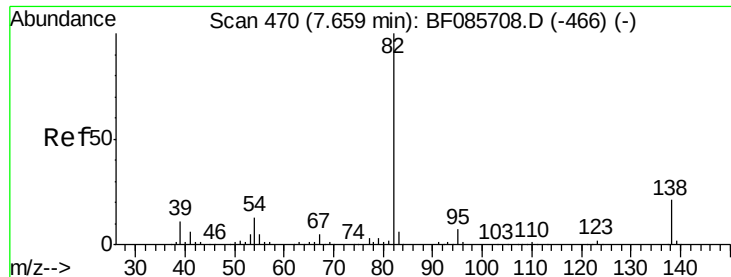
Tgt Ion: 82 Resp: 595589
 Ion Ratio Lower Upper
 82 100
 128 45.0 41.8 62.8
 54 45.1 33.4 50.0



#24
 Nitrobenzene
 Concen: 40.75 ng
 RT: 7.41 min Scan# 448
 Delta R.T. 0.00 min
 Lab File: BF085807.D
 Acq: 28 Mar 2016 17:54

Tgt Ion: 77 Resp: 320528
 Ion Ratio Lower Upper
 77 100
 123 54.6 35.0 52.4#
 65 12.0 10.6 16.0





#25

Isophorone

Concen: 39.36 ng

RT: 7.65 min Scan# 469

Delta R.T. -0.01 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

Instrument :

BNA_F

ClientSampleId :

PB89249BS

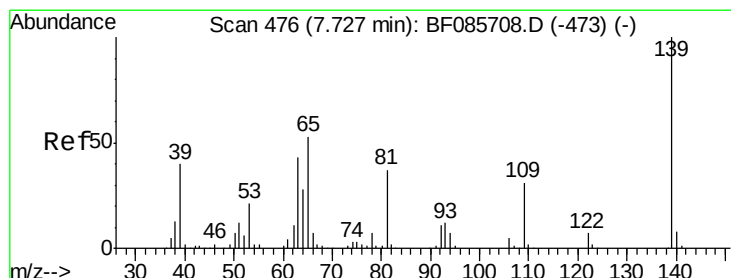
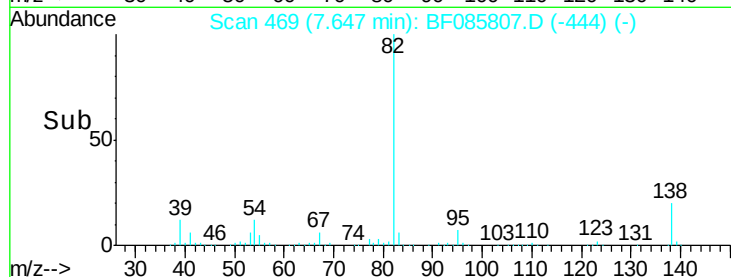
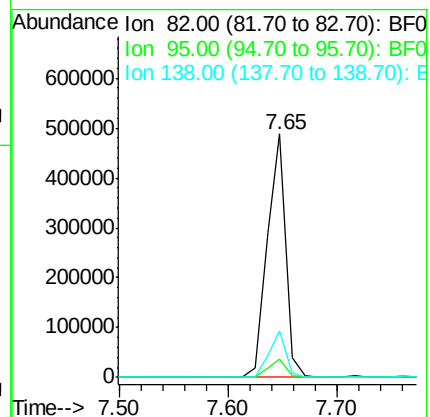
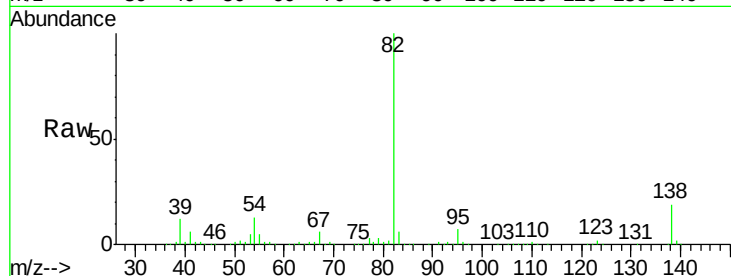
Tgt Ion: 82 Resp: 578490

Ion Ratio Lower Upper

82 100

95 7.3 5.4 8.2

138 19.2 12.9 19.3



#26

2-Nitrophenol

Concen: 38.57 ng

RT: 7.72 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

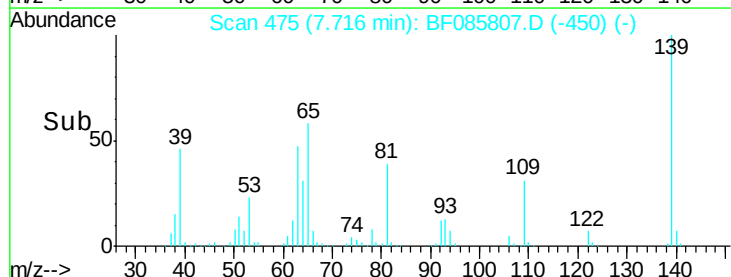
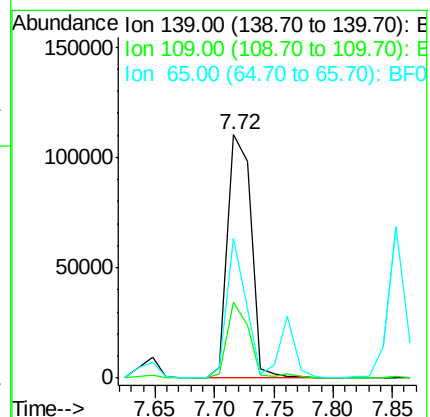
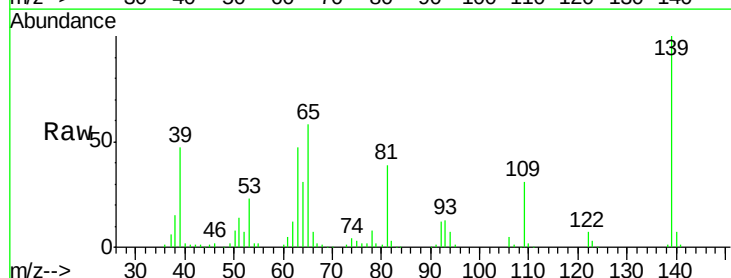
Tgt Ion: 139 Resp: 151745

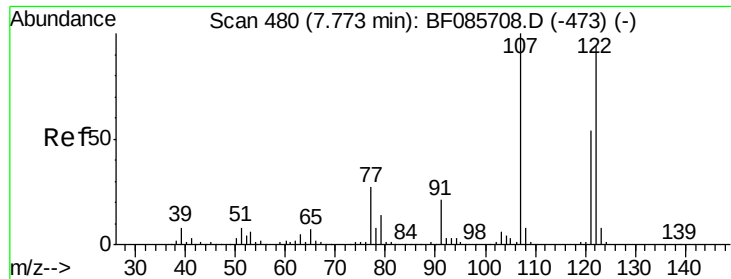
Ion Ratio Lower Upper

139 100

109 31.2 22.1 33.1

65 57.6 33.9 50.9#

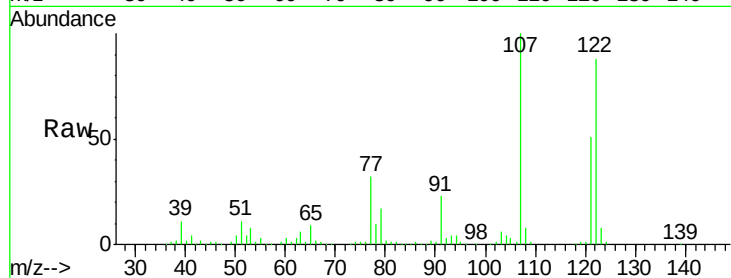




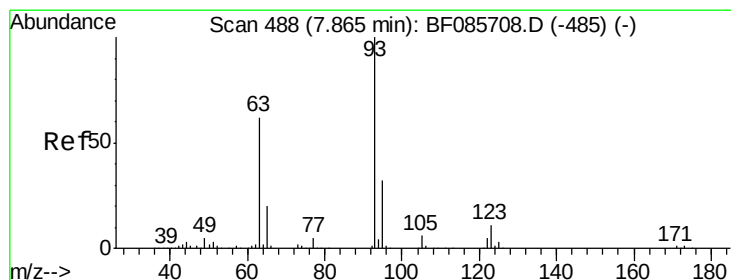
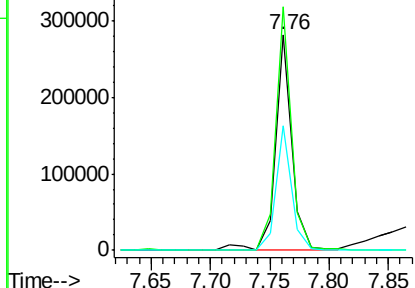
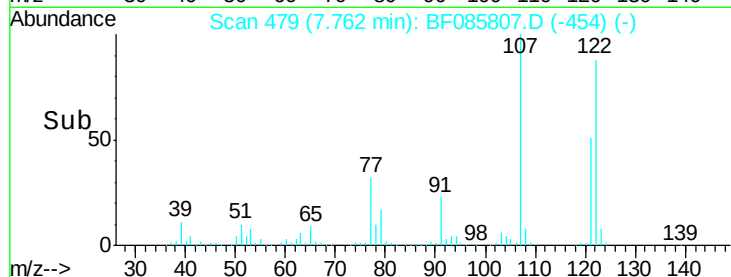
#27
 2,4-Dimethylphenol
 Concen: 39.32 ng
 RT: 7.76 min Scan# 479
 Delta R.T. -0.01 min
 Lab File: BF085807.D
 Acq: 28 Mar 2016 17:54

Instrument :
 BNA_F
 ClientSampleId :
 PB89249BS

Tgt Ion:122 Resp: 270428
 Ion Ratio Lower Upper
 122 100
 107 113.0 93.0 139.6
 121 57.8 45.9 68.9

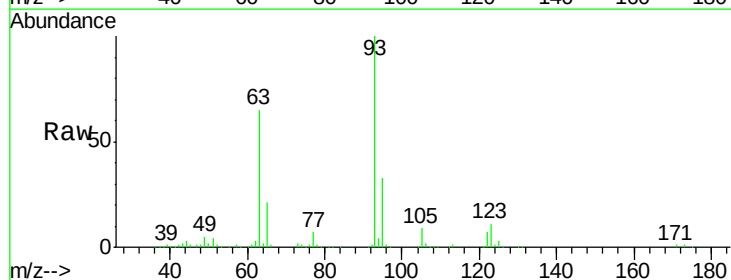


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

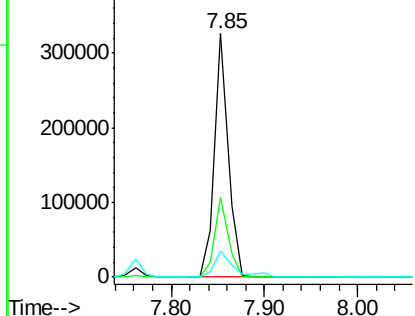
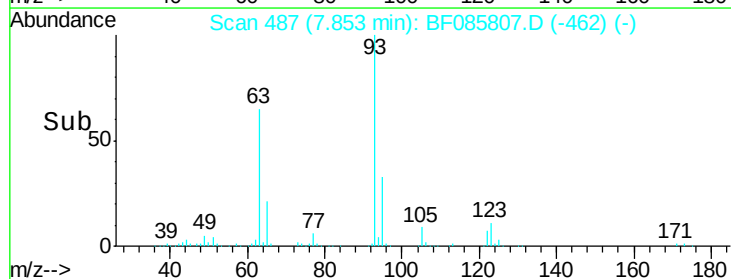


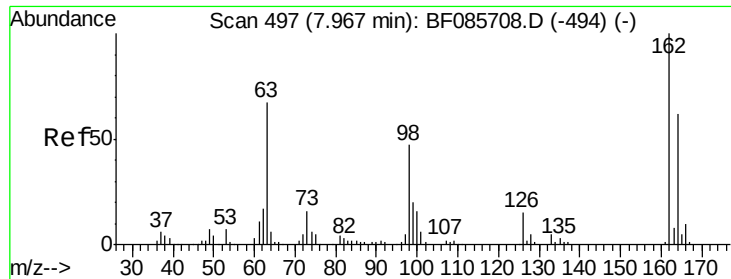
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.07 ng
 RT: 7.85 min Scan# 487
 Delta R.T. -0.01 min
 Lab File: BF085807.D
 Acq: 28 Mar 2016 17:54

Tgt Ion: 93 Resp: 335613
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.4 39.6
 123 10.6 9.8 14.6



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

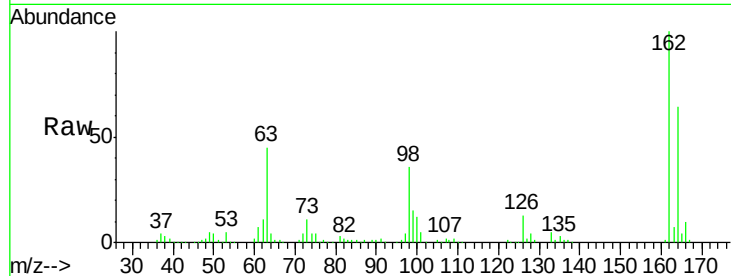




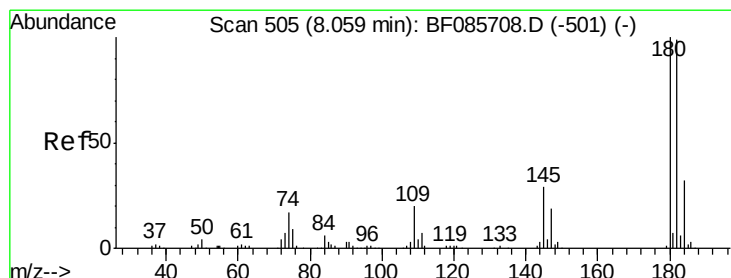
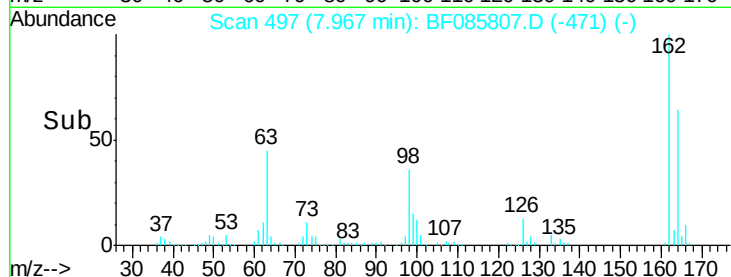
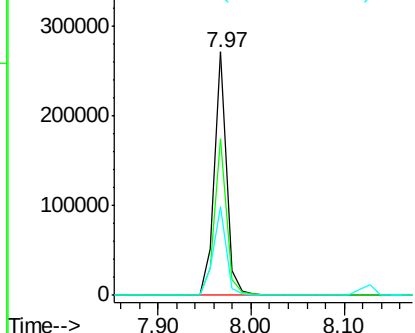
#29
 2,4-Dichlorophenol
 Concen: 42.82 ng
 RT: 7.97 min Scan# 497
 Delta R.T. 0.00 min
 Lab File: BF085807.D
 Acq: 28 Mar 2016 17:54

Instrument :
 BNA_F
 ClientSampleId :
 PB89249BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.1	43.7	83.7
98	36.2	20.4	60.4

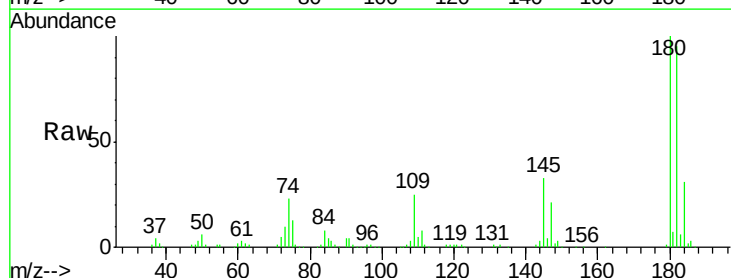


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

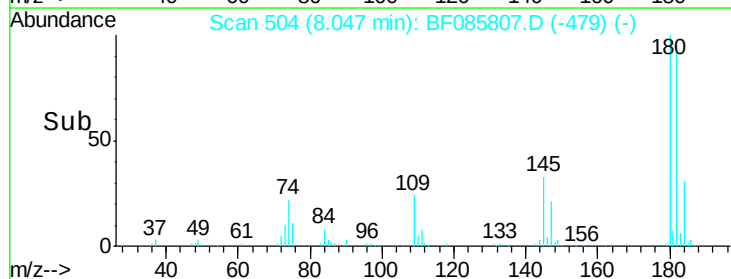
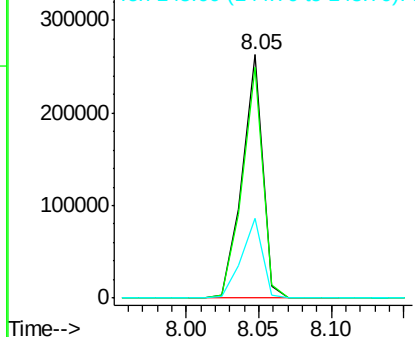


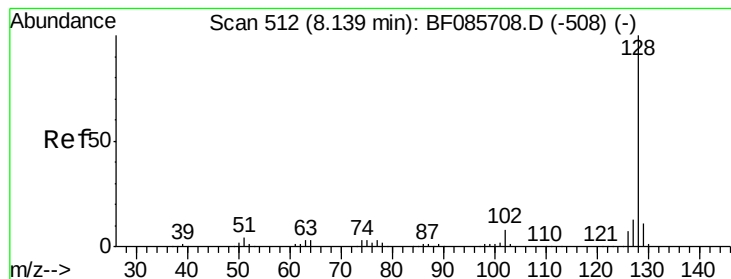
#30
 1,2,4-Trichlorobenzene
 Concen: 40.13 ng
 RT: 8.05 min Scan# 504
 Delta R.T. -0.01 min
 Lab File: BF085807.D
 Acq: 28 Mar 2016 17:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	73.8	110.8
145	32.7	28.4	42.6



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





#31

Naphthalene

Concen: 41.10 ng

RT: 8.13 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

Instrument :

BNA_F

ClientSampleId :

PB89249BS

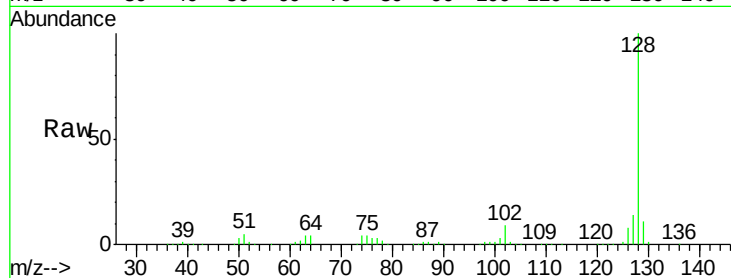
Tgt Ion:128 Resp: 889727

Ion Ratio Lower Upper

128 100

129 11.2 9.4 14.0

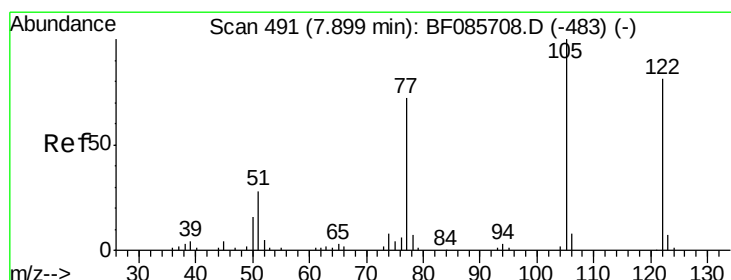
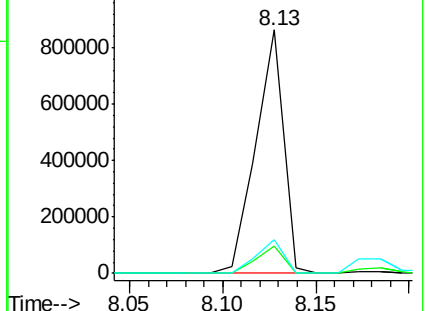
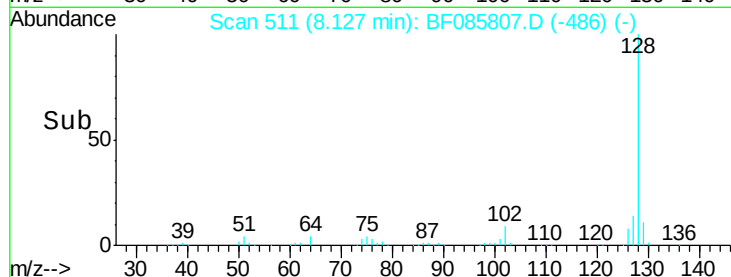
127 13.6 11.0 16.6



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: 38.76 ng

RT: 7.90 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

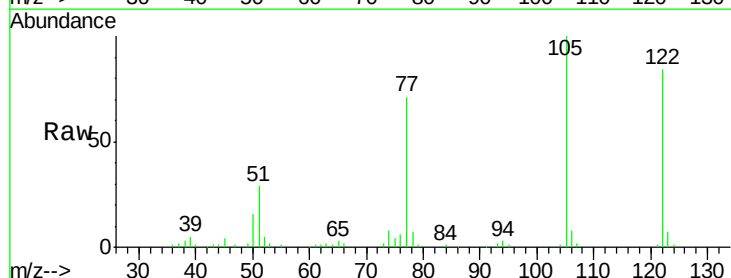
Tgt Ion:122 Resp: 177036

Ion Ratio Lower Upper

122 100

105 119.1 102.9 142.9

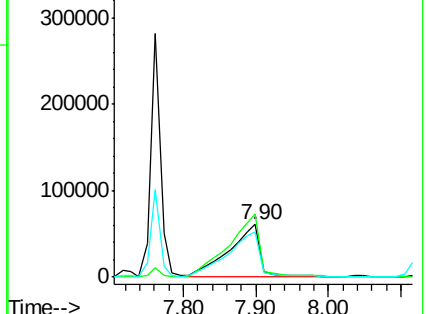
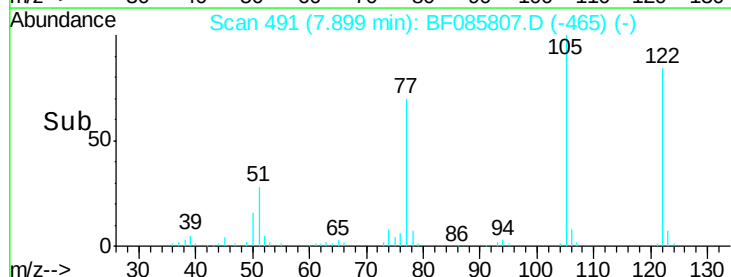
77 84.5 71.8 111.8

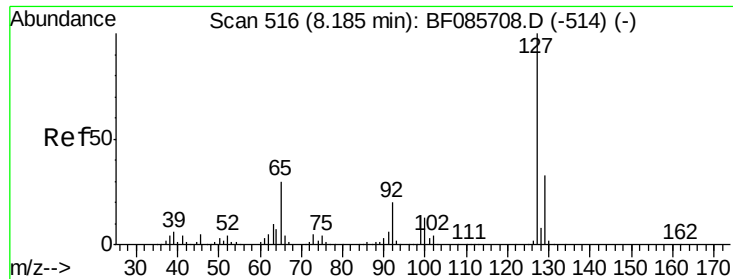


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

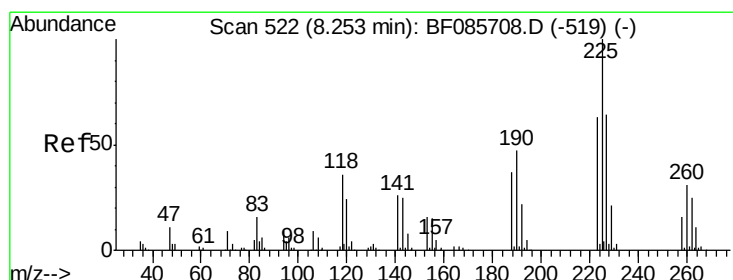
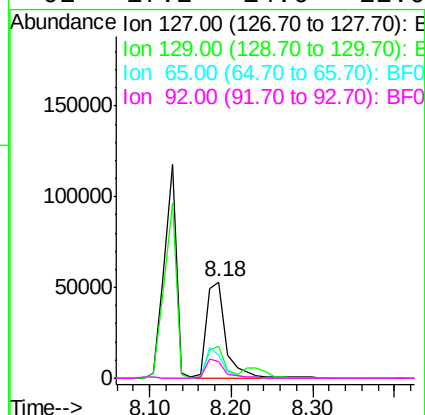
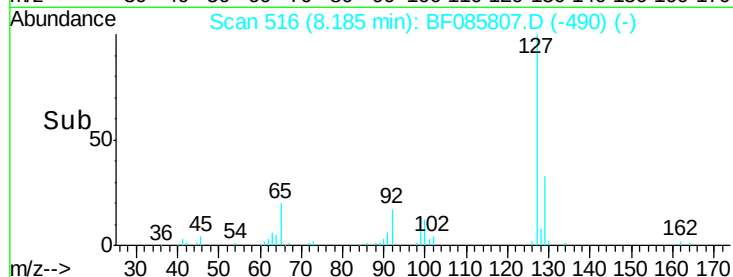
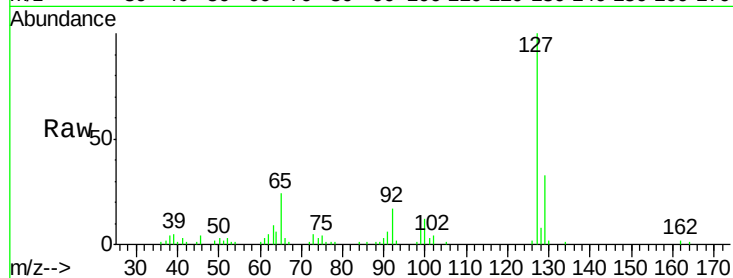




#33
4-Chloroaniline
Concen: 10.23 ng
RT: 8.18 min Scan# 516
Delta R.T. 0.00 min
Lab File: BF085807.D
Acq: 28 Mar 2016 17:54

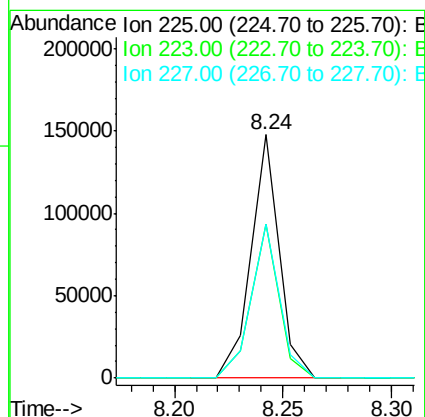
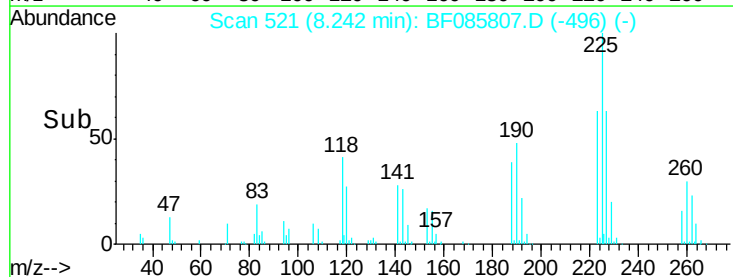
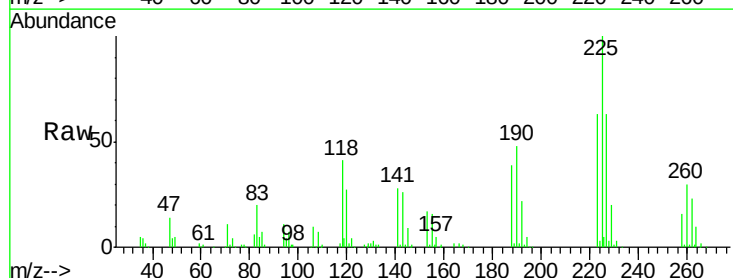
Instrument :
BNA_F
ClientSampleId :
PB89249BS

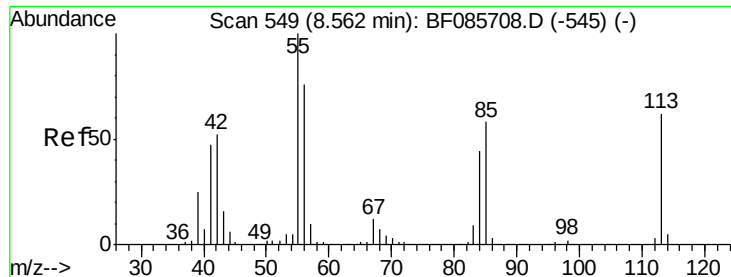
Tgt Ion:	127	Resp:	90434
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.1	39.1
65	23.9	19.5	29.3
92	17.2	14.6	22.0



#34
Hexachlorobutadiene
Concen: 38.08 ng
RT: 8.24 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF085807.D
Acq: 28 Mar 2016 17:54

Tgt Ion:	225	Resp:	132855
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.4	75.6
227	63.2	51.4	77.2

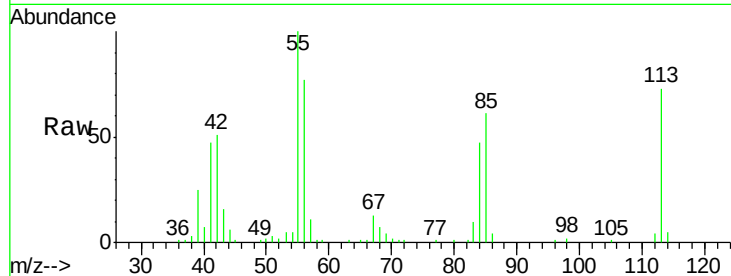




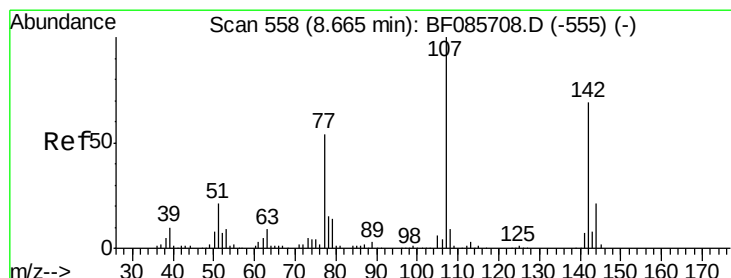
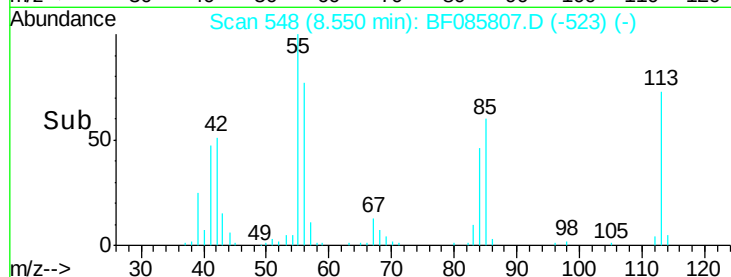
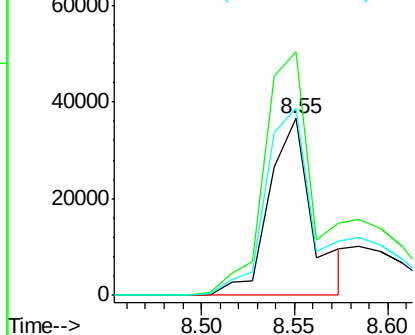
#35
 Caprolactam
 Concen: 28.85 ng
 RT: 8.55 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: BF085807.D
 Acq: 28 Mar 2016 17:54

Instrument :
 BNA_F
 ClientSampleId :
 PB89249BS

Tgt Ion:113 Resp: 59092
 Ion Ratio Lower Upper
 113 100
 55 137.6 139.4 179.4#
 56 105.6 100.4 140.4

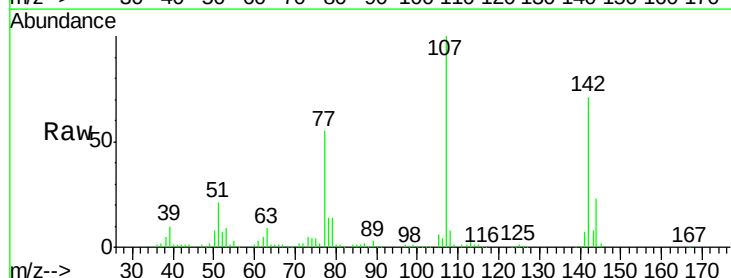


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

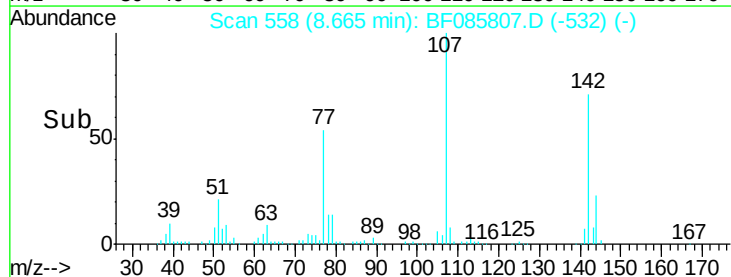
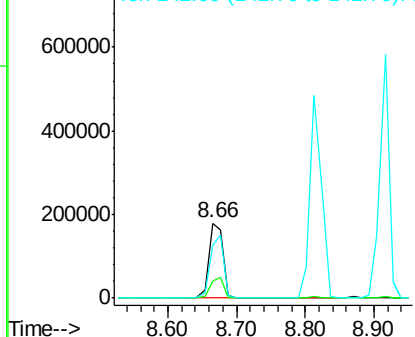


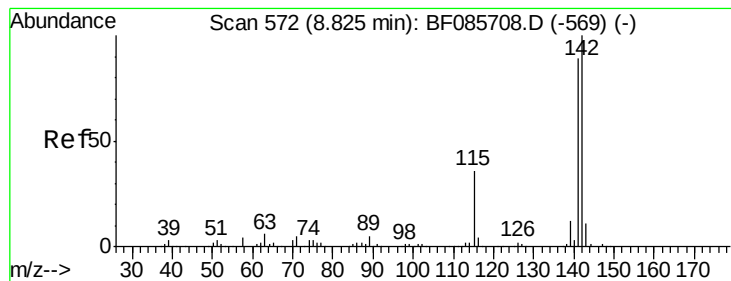
#36
 4-Chloro-3-methylphenol
 Concen: 38.61 ng
 RT: 8.66 min Scan# 558
 Delta R.T. 0.00 min
 Lab File: BF085807.D
 Acq: 28 Mar 2016 17:54

Tgt Ion:107 Resp: 260735
 Ion Ratio Lower Upper
 107 100
 144 22.6 19.3 28.9
 142 70.9 61.4 92.0



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





#37

2-Methylnaphthalene

Concen: 43.13 ng

RT: 8.81 min Scan# 571

Delta R.T. -0.01 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

Instrument :

BNA_F

ClientSampleId :

PB89249BS

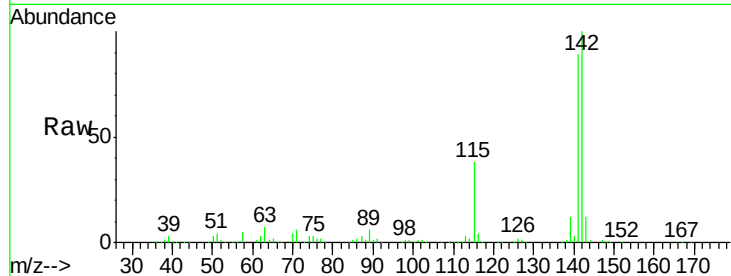
Tgt Ion:142 Resp: 549913

Ion Ratio Lower Upper

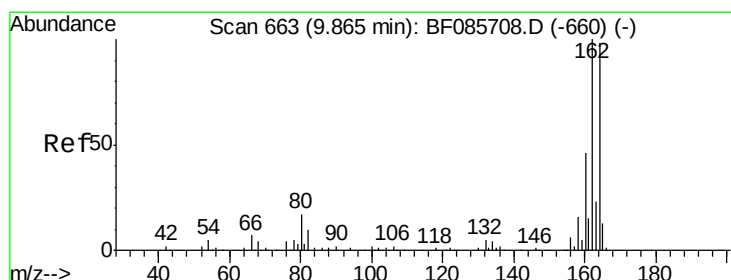
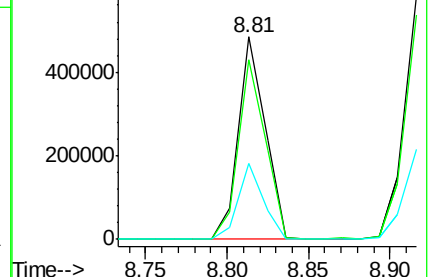
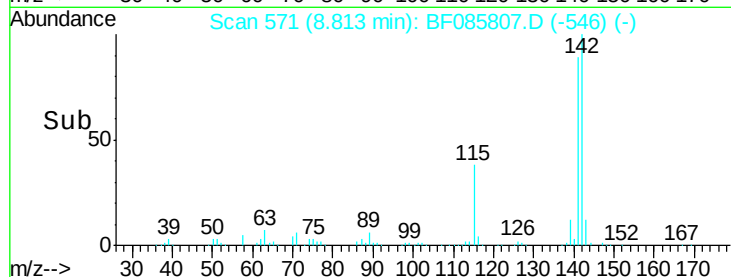
142 100

141 89.0 71.6 107.4

115 37.8 26.8 40.2



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

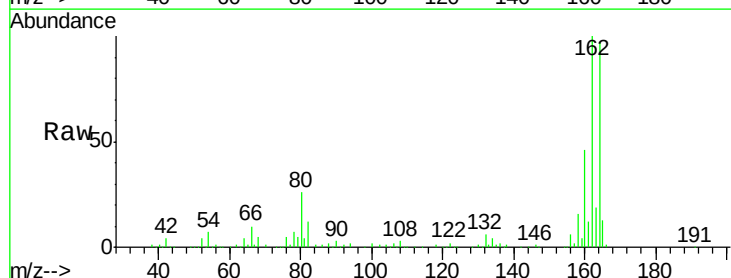
Tgt Ion:164 Resp: 183291

Ion Ratio Lower Upper

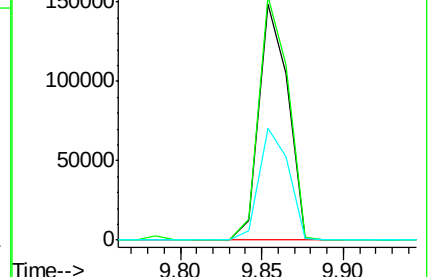
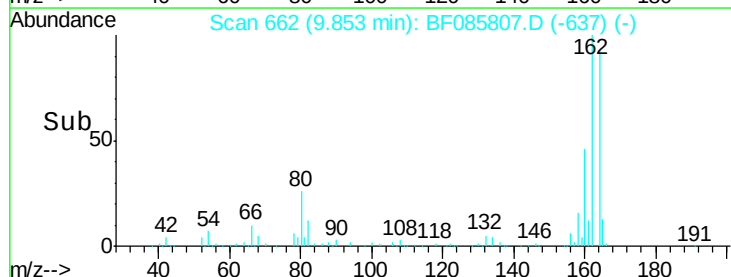
164 100

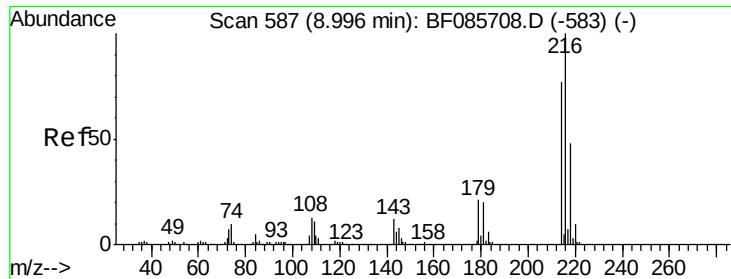
162 103.5 82.1 123.1

160 47.6 37.4 56.2



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

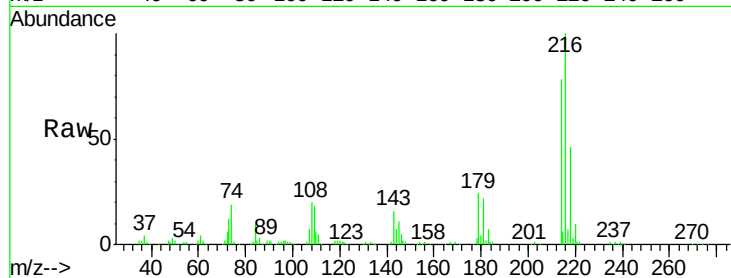




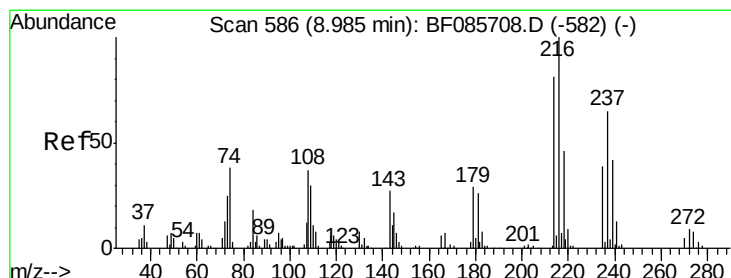
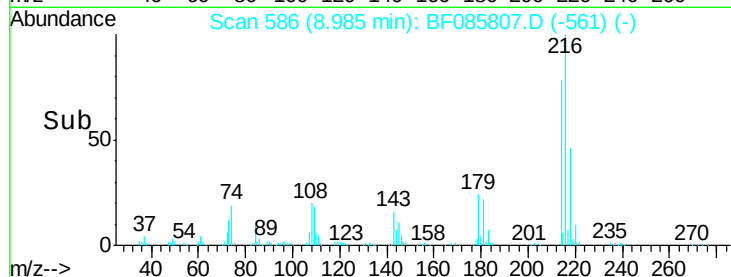
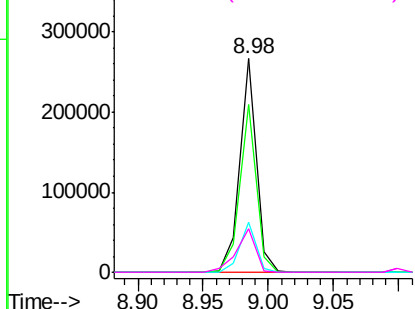
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.77 ng
 RT: 8.98 min Scan# 586
 Delta R.T. -0.01 min
 Lab File: BF085807.D
 Acq: 28 Mar 2016 17:54

Instrument :
 BNA_F
 ClientSampleId :
 PB89249BS

Tgt Ion:	216	Resp:	232479
Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.1	94.7
179	23.5	18.2	27.2
108	23.9	17.3	25.9

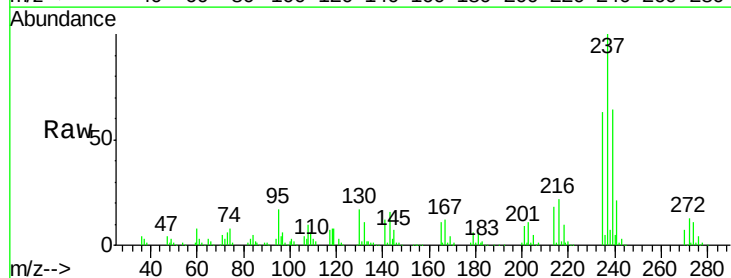


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

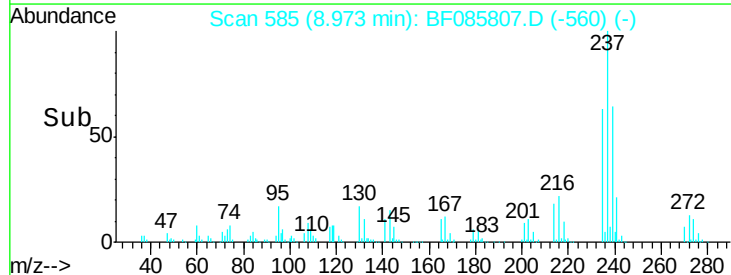
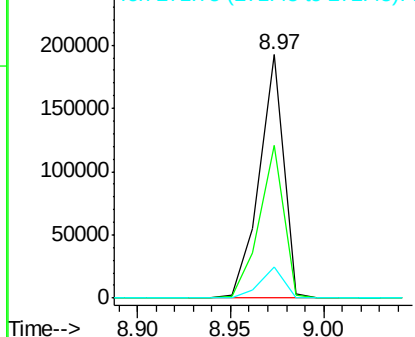


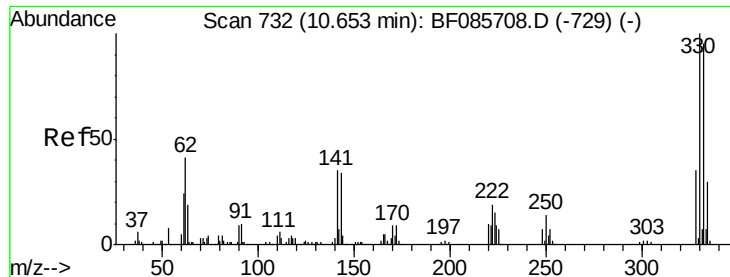
#40
 Hexachlorocyclopentadiene
 Concen: 77.12 ng
 RT: 8.97 min Scan# 585
 Delta R.T. -0.01 min
 Lab File: BF085807.D
 Acq: 28 Mar 2016 17:54

Tgt Ion:	237	Resp:	173856
Ion	Ratio	Lower	Upper
237	100		
235	62.9	43.7	83.7
272	12.8	0.0	31.9



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

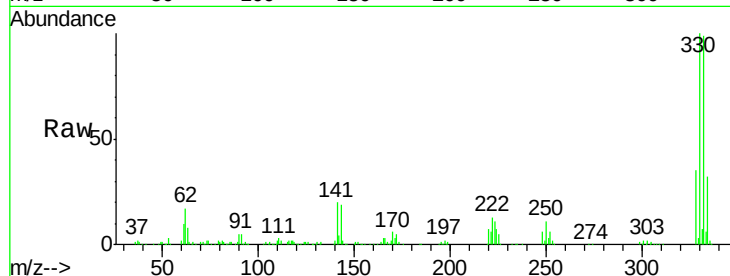




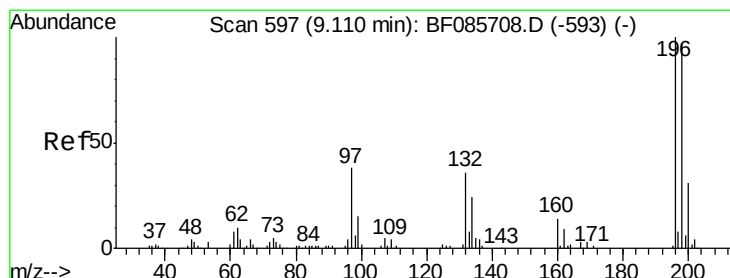
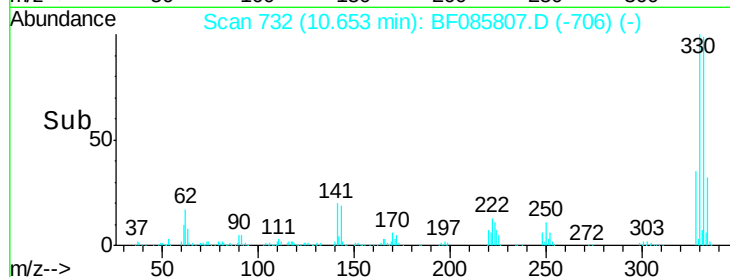
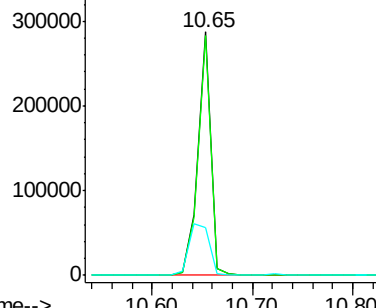
#41
 2,4,6-Tribromophenol
 Concen: 148.91 ng
 RT: 10.65 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: BF085807.D
 Acq: 28 Mar 2016 17:54

Instrument :
 BNA_F
 ClientSampleId :
 PB89249BS

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.7	78.2	117.2
141	33.2	31.5	47.3

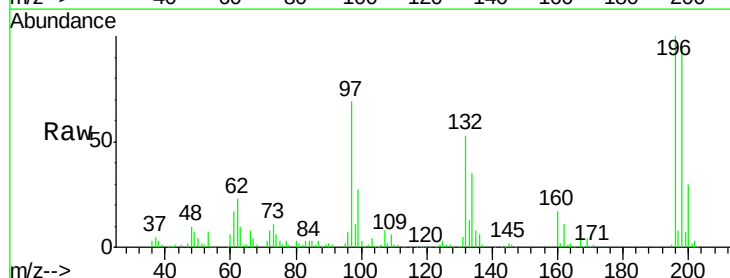


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

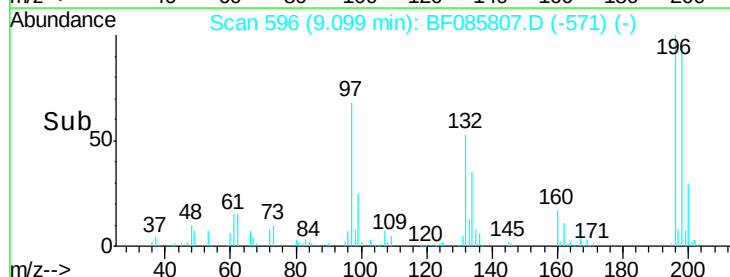
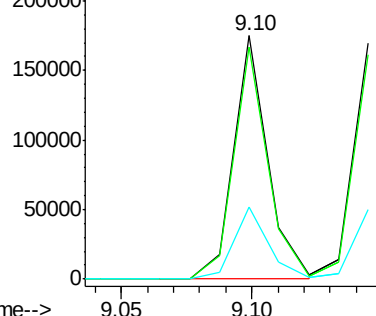


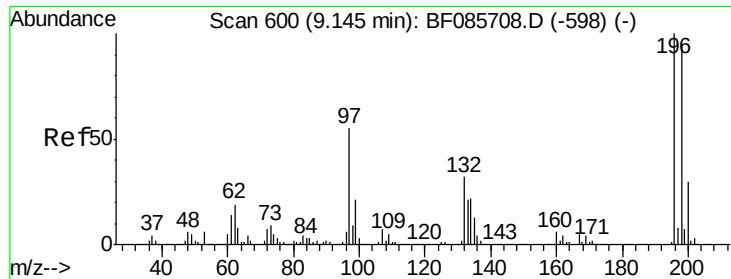
#42
 2,4,6-Trichlorophenol
 Concen: 43.51 ng
 RT: 9.10 min Scan# 596
 Delta R.T. -0.01 min
 Lab File: BF085807.D
 Acq: 28 Mar 2016 17:54

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.4	75.3	112.9
200	29.8	23.7	35.5



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

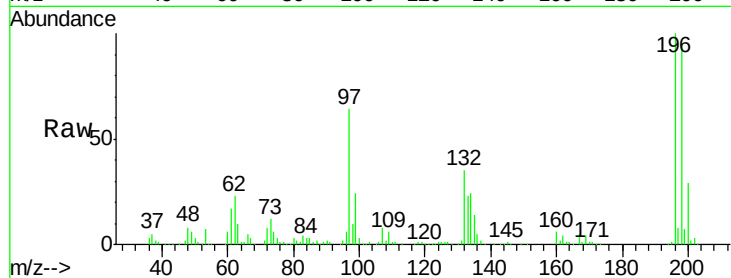




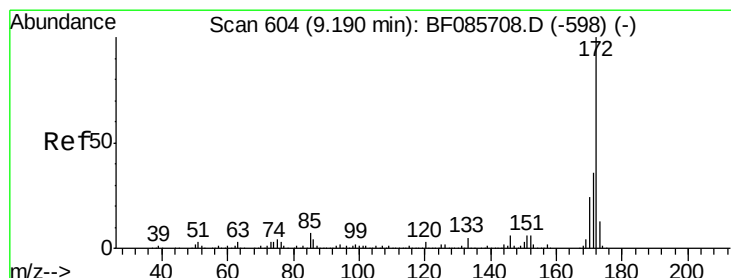
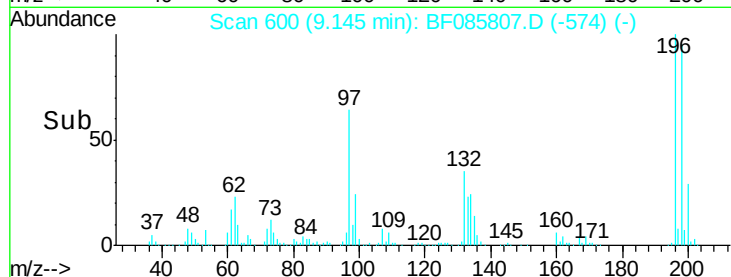
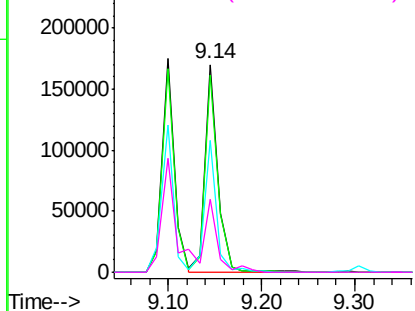
#43
 2,4,5-Trichlorophenol
 Concen: 43.30 ng
 RT: 9.14 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF085807.D
 Acq: 28 Mar 2016 17:54

Instrument :
 BNA_F
 ClientSampleId :
 PB89249BS

Tgt Ion:196 Resp: 166701
 Ion Ratio Lower Upper
 196 100
 198 94.8 76.6 114.8
 97 63.8 30.5 45.7#
 132 35.1 20.2 30.2#

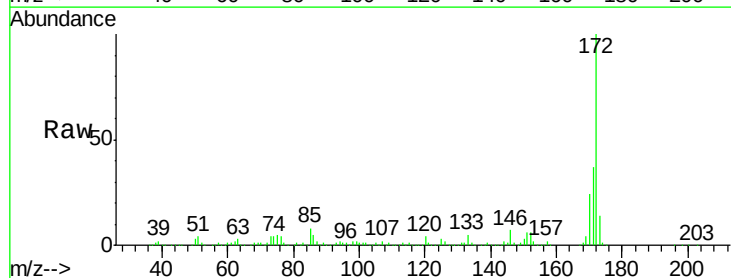


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

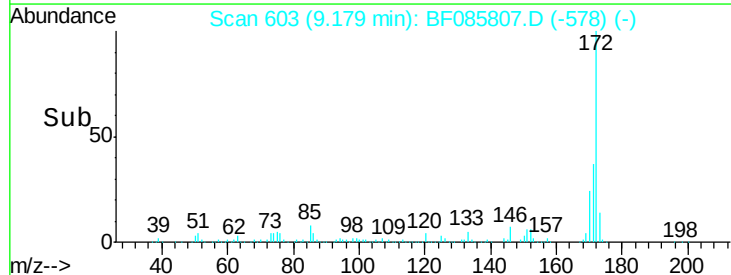
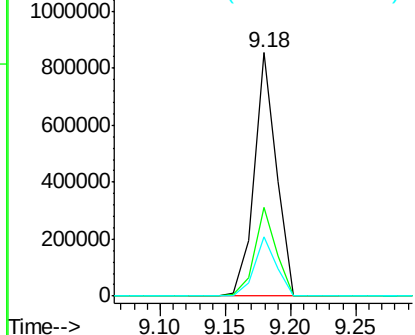


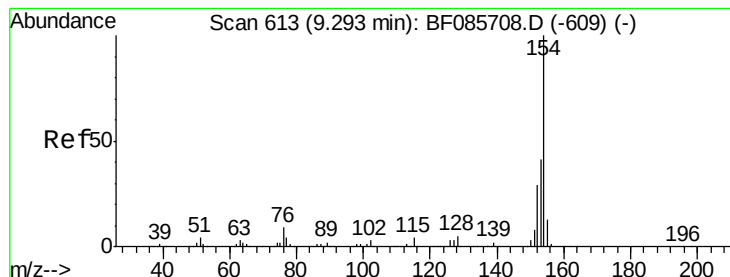
#44
 2-Fluorobiphenyl
 Concen: 91.70 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF085807.D
 Acq: 28 Mar 2016 17:54

Tgt Ion:172 Resp: 1006047
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.2
 170 24.3 19.8 29.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 42.09 ng

RT: 9.28 min Scan# 612

Delta R.T. -0.01 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

Instrument :

BNA_F

ClientSampleId :

PB89249BS

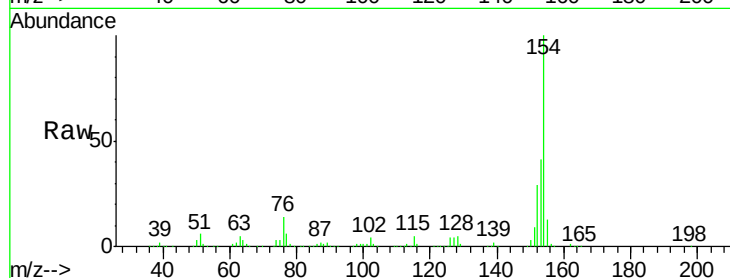
Tgt Ion:154 Resp: 651032

Ion Ratio Lower Upper

154 100

153 41.1 20.8 60.8

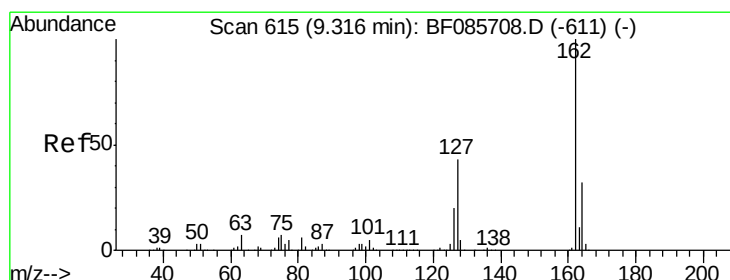
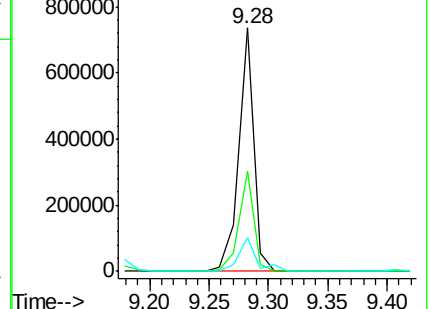
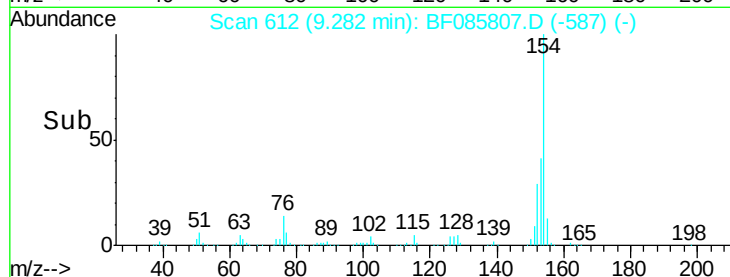
76 13.7 0.0 36.7



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: 42.21 ng

RT: 9.30 min Scan# 614

Delta R.T. -0.01 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

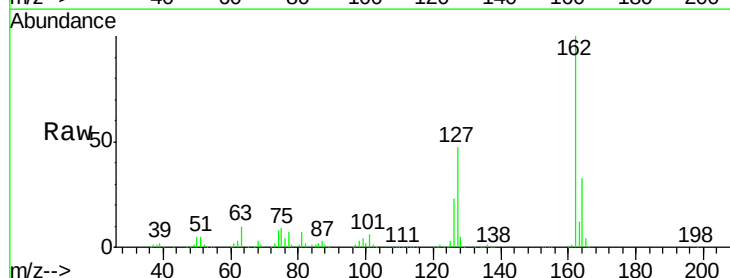
Tgt Ion:162 Resp: 480058

Ion Ratio Lower Upper

162 100

127 46.8 31.7 47.5

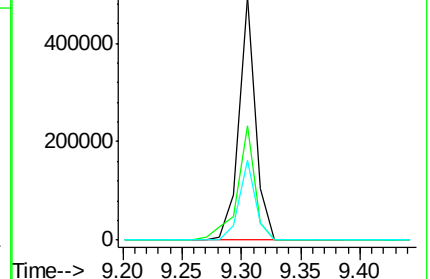
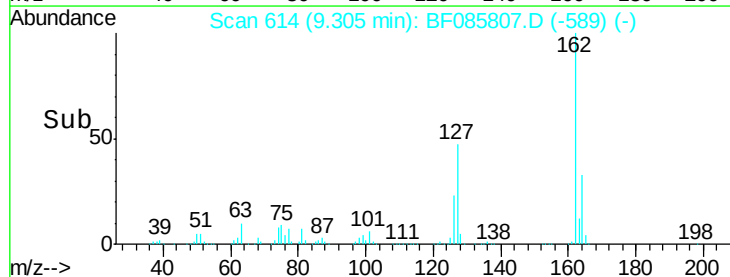
164 32.8 27.3 40.9

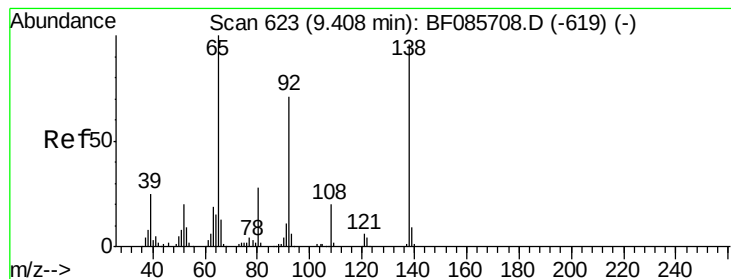


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 46.54 ng

RT: 9.41 min Scan# 623

Delta R.T. 0.00 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

Instrument :

BNA_F

ClientSampleId :

PB89249BS

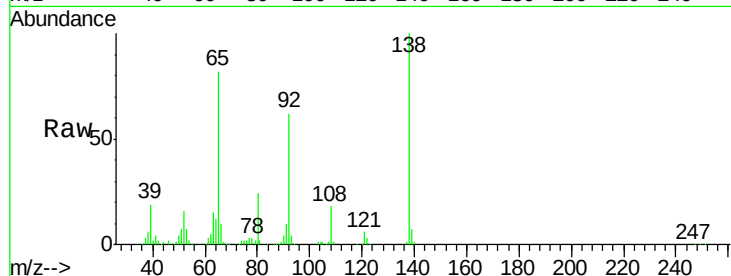
Tgt Ion: 65 Resp: 161853

Ion Ratio Lower Upper

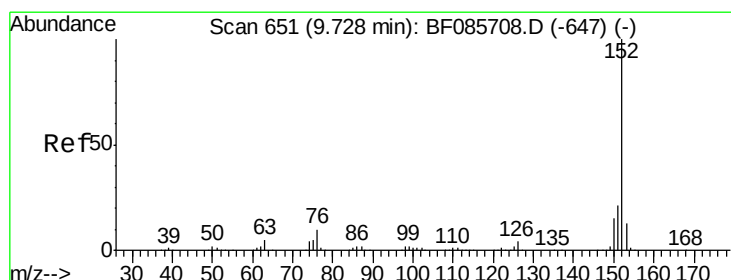
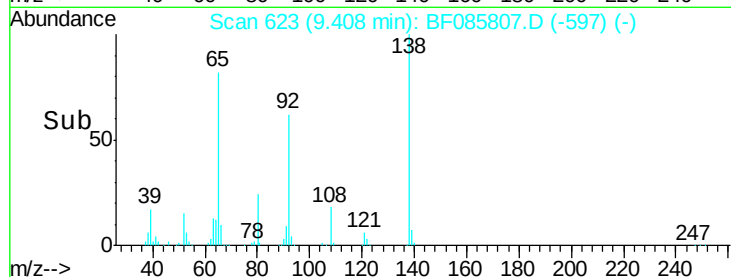
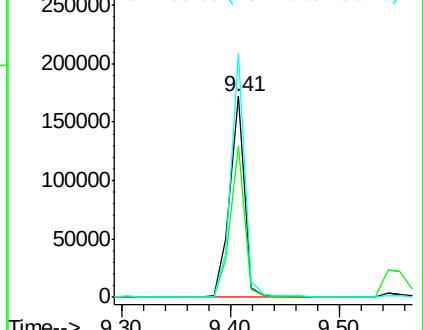
65 100

92 75.4 59.7 89.5

138 121.2 91.4 137.0



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



#48

Acenaphthylene

Concen: 42.15 ng

RT: 9.72 min Scan# 650

Delta R.T. -0.01 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

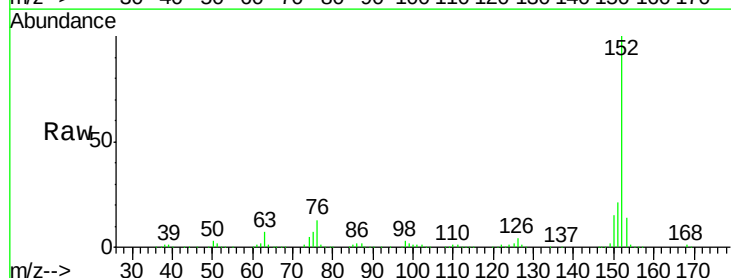
Tgt Ion: 152 Resp: 781098

Ion Ratio Lower Upper

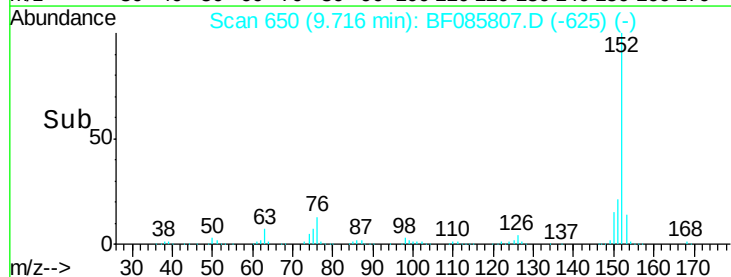
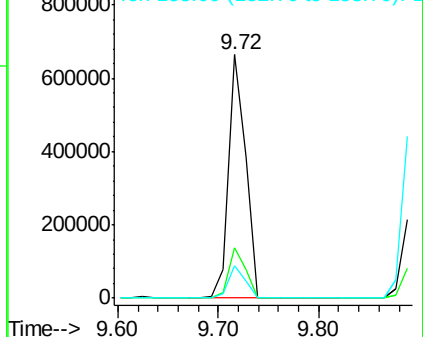
152 100

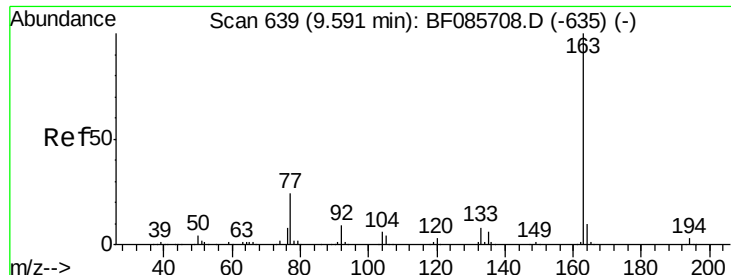
151 20.9 16.8 25.2

153 13.5 10.9 16.3



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





#49

Dimethylphthalate

Concen: 44.09 ng

RT: 9.59 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

Instrument :

BNA_F

ClientSampleId :

PB89249BS

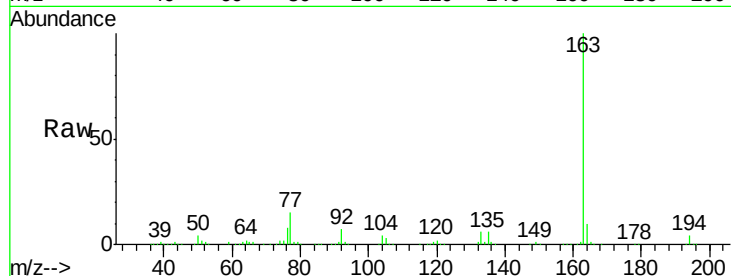
Tgt Ion:163 Resp: 613132

Ion Ratio Lower Upper

163 100

194 3.9 2.9 4.3

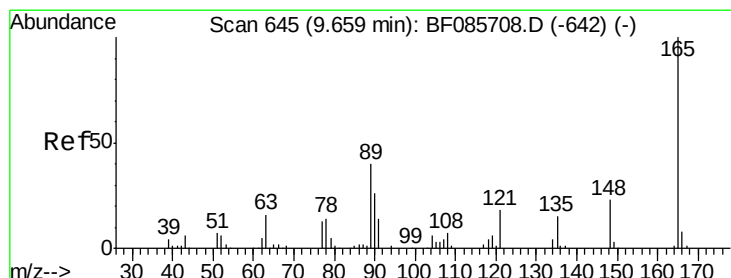
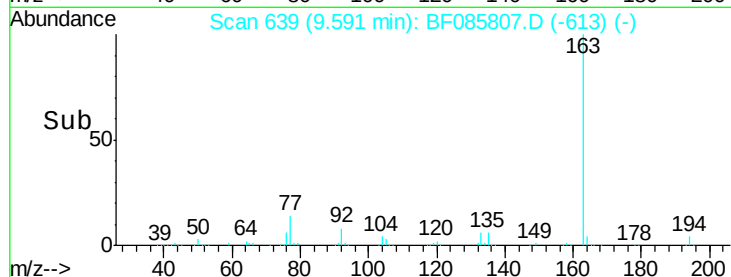
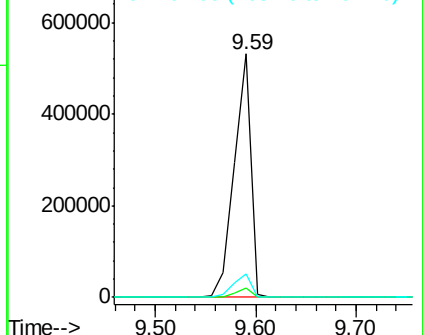
164 9.7 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.82 ng

RT: 9.65 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

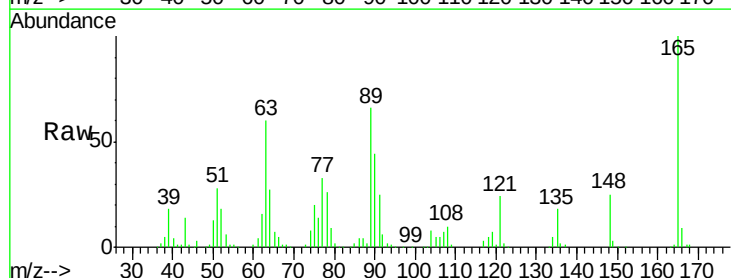
Tgt Ion:165 Resp: 125165

Ion Ratio Lower Upper

165 100

63 60.1 51.8 77.8

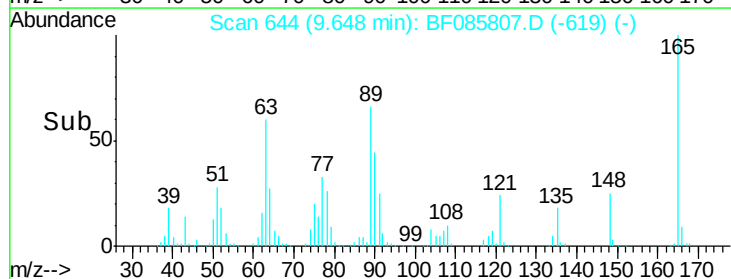
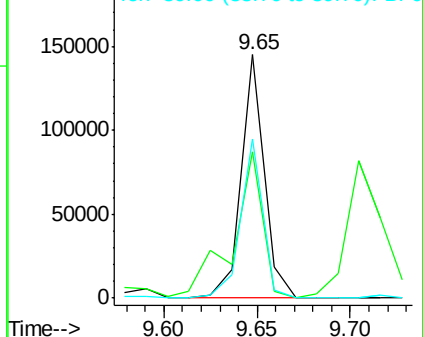
89 65.6 53.7 80.5

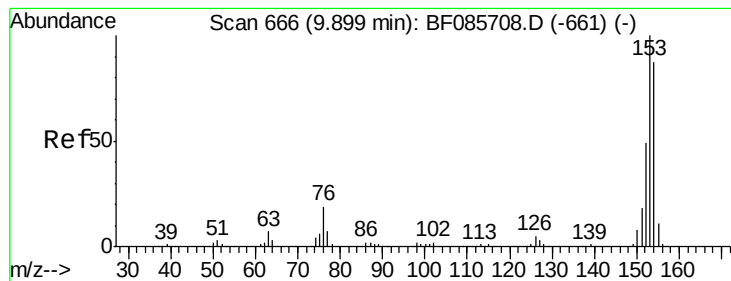


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.87 ng

RT: 9.89 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

Instrument :

BNA_F

ClientSampleId :

PB89249BS

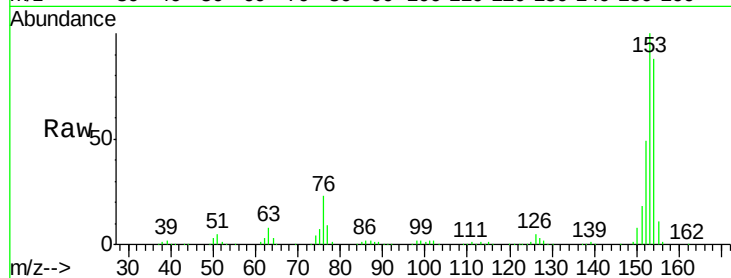
Tgt Ion:154 Resp: 462645

Ion Ratio Lower Upper

154 100

153 113.6 90.1 135.1

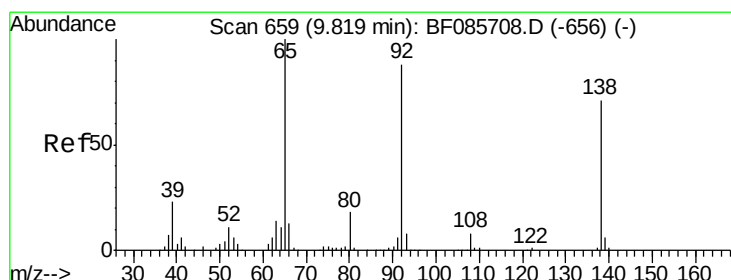
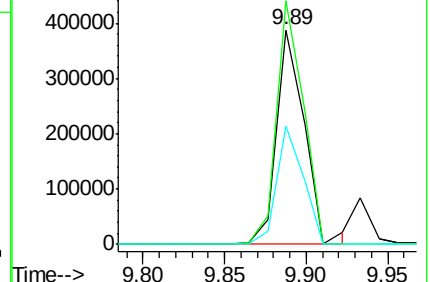
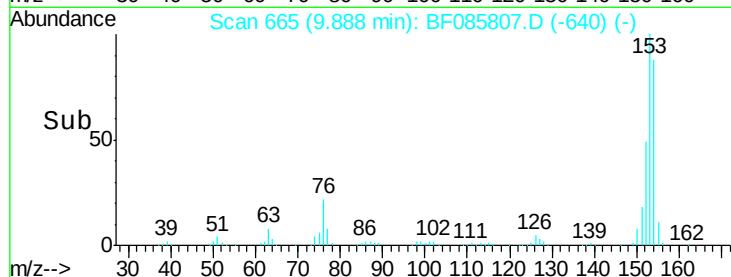
152 55.3 44.2 66.2



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: 20.30 ng

RT: 9.82 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

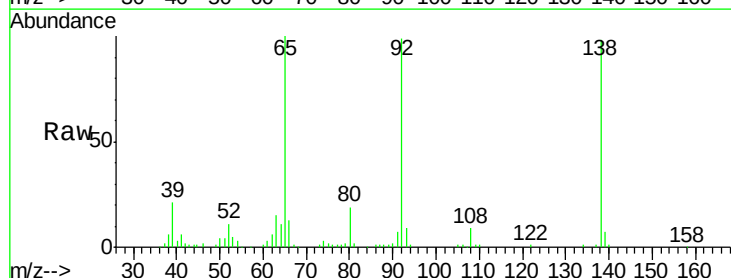
Tgt Ion:138 Resp: 69558

Ion Ratio Lower Upper

138 100

108 9.3 8.7 13.1

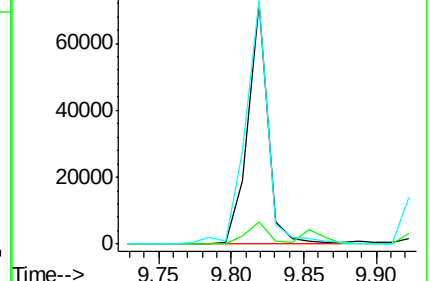
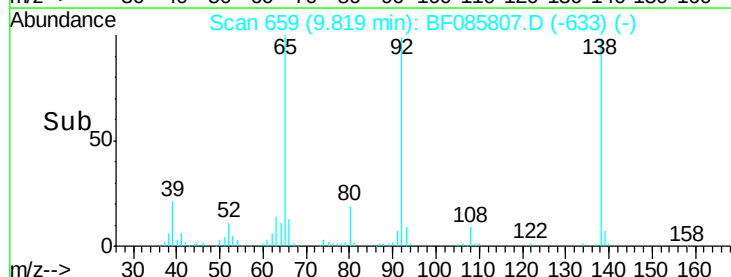
92 101.0 93.3 139.9

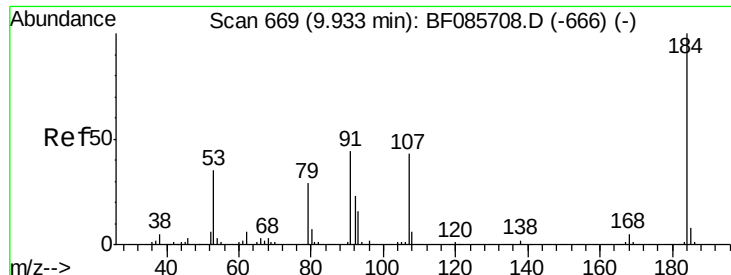


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

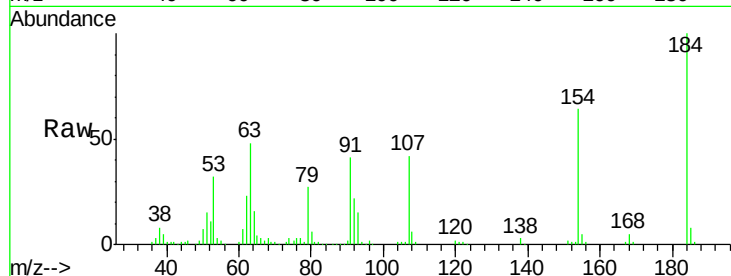




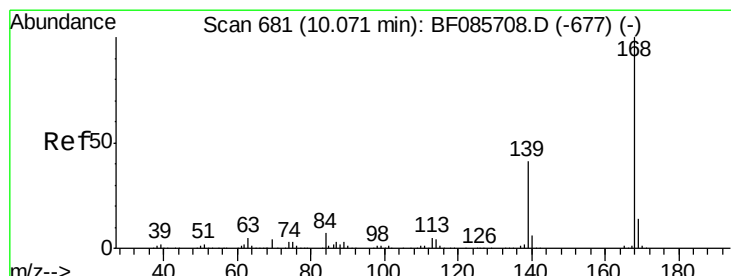
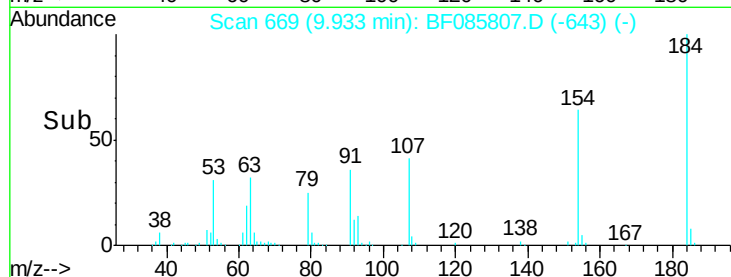
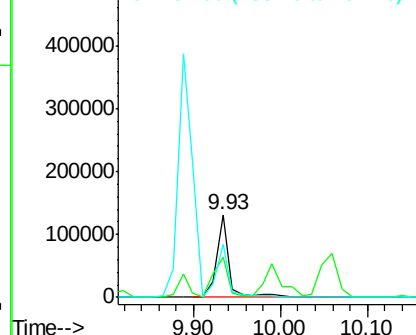
#53
 2,4-Dinitrophenol
 Concen: 87.29 ng
 RT: 9.93 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: BF085807.D
 Acq: 28 Mar 2016 17:54

Instrument :
 BNA_F
 ClientSampleId :
 PB89249BS

Tgt Ion:184 Resp: 132908
 Ion Ratio Lower Upper
 184 100
 63 48.1 69.5 104.3#
 154 63.5 58.3 87.5

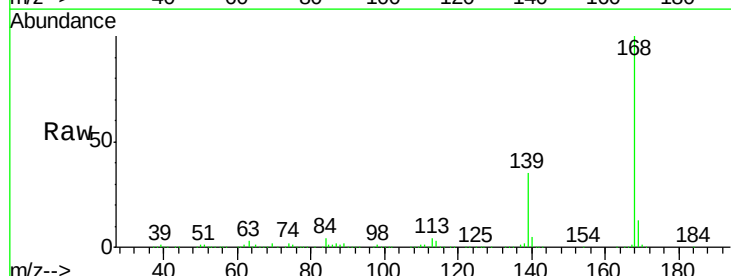


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

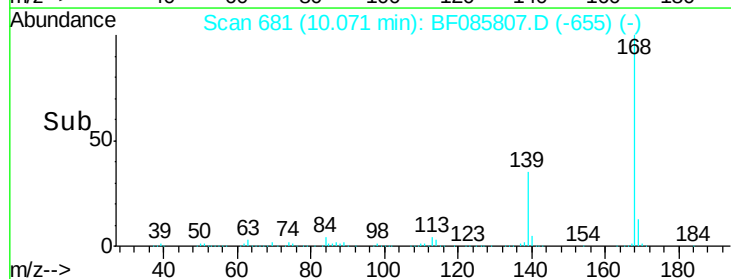
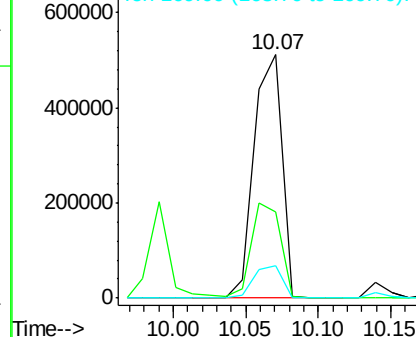


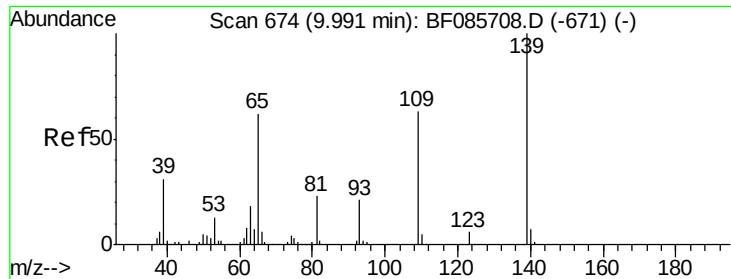
#54
 Dibenzofuran
 Concen: 46.58 ng
 RT: 10.07 min Scan# 681
 Delta R.T. 0.00 min
 Lab File: BF085807.D
 Acq: 28 Mar 2016 17:54

Tgt Ion:168 Resp: 682426
 Ion Ratio Lower Upper
 168 100
 139 35.3 31.9 47.9
 169 13.2 11.0 16.6



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

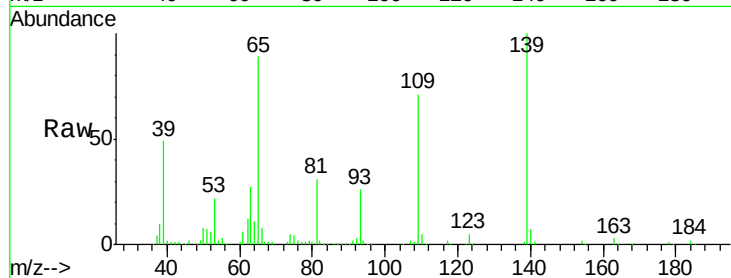




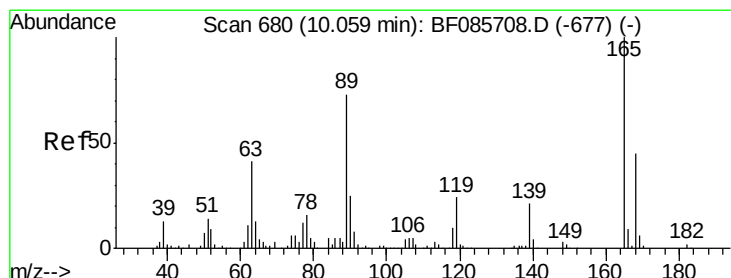
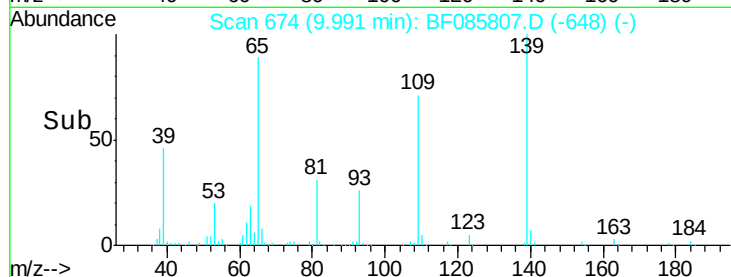
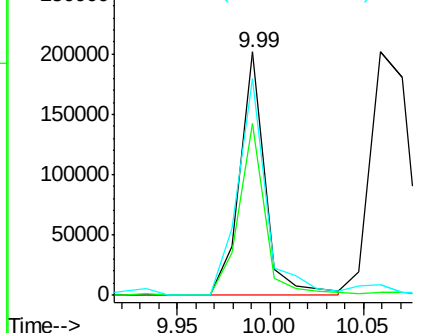
#55
4-Nitrophenol
Concen: 86.21 ng
RT: 9.99 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF085807.D
Acq: 28 Mar 2016 17:54

Instrument :
BNA_F
ClientSampleId :
PB89249BS

Tgt Ion:139 Resp: 192430
Ion Ratio Lower Upper
139 100
109 70.5 49.2 89.2
65 89.2 66.9 106.9



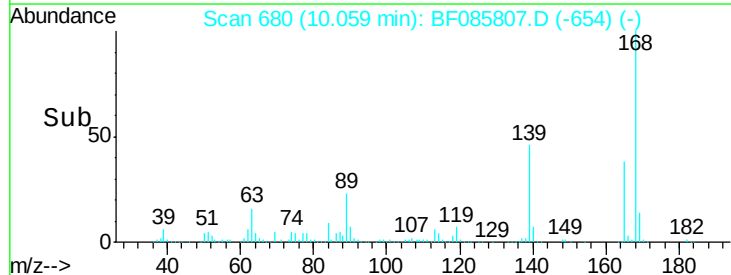
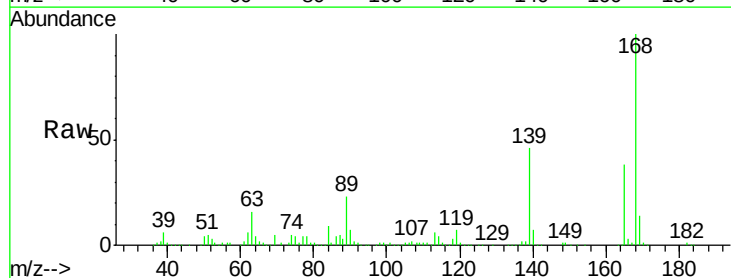
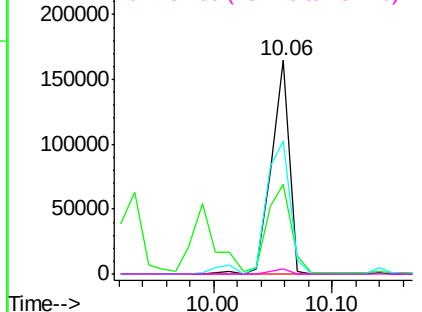
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

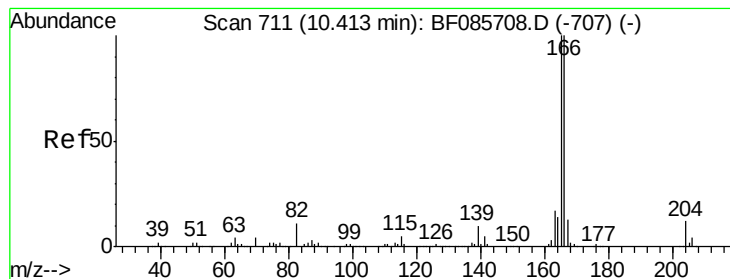


#56
2,4-Dinitrotoluene
Concen: 45.92 ng
RT: 10.06 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF085807.D
Acq: 28 Mar 2016 17:54

Tgt Ion:165 Resp: 174689
Ion Ratio Lower Upper
165 100
63 42.0 24.9 37.3#
89 62.1 41.0 61.6#
182 2.6 2.1 3.1

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
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 41.41 ng

RT: 10.40 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

Instrument :

BNA_F

ClientSampleId :

PB89249BS

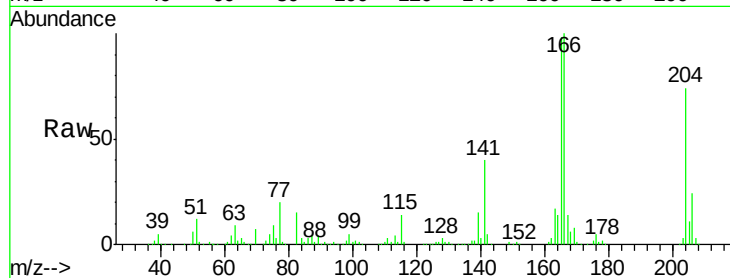
Tgt Ion:166 Resp: 504260

Ion Ratio Lower Upper

166 100

165 98.2 79.4 119.0

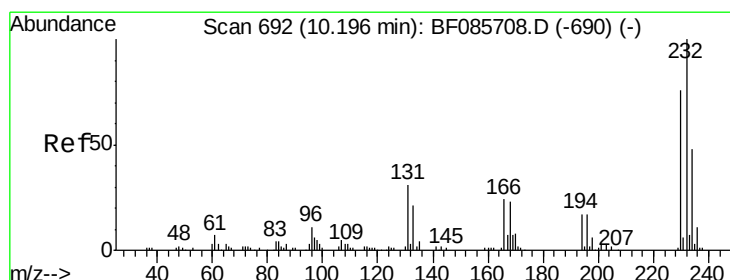
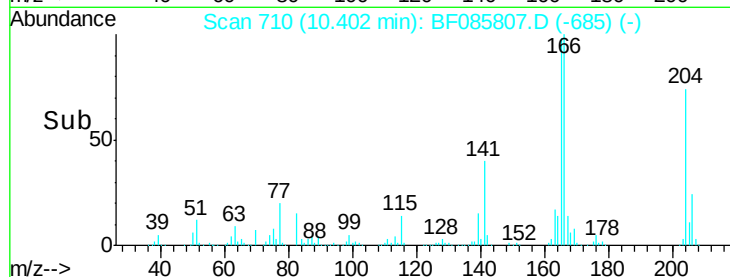
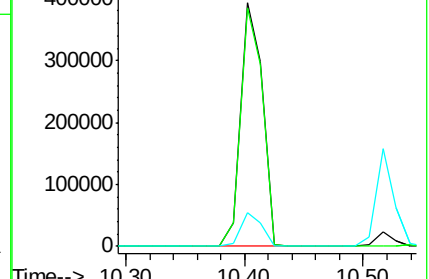
167 13.8 11.0 16.4



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: 47.42 ng

RT: 10.18 min Scan# 691

Delta R.T. -0.01 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

Tgt Ion:232 Resp: 126882

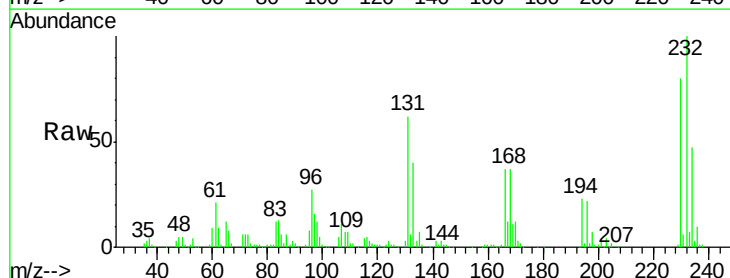
Ion Ratio Lower Upper

232 100

131 58.1 44.9 67.3

130 2.9 2.3 3.5

166 34.1 28.1 42.1

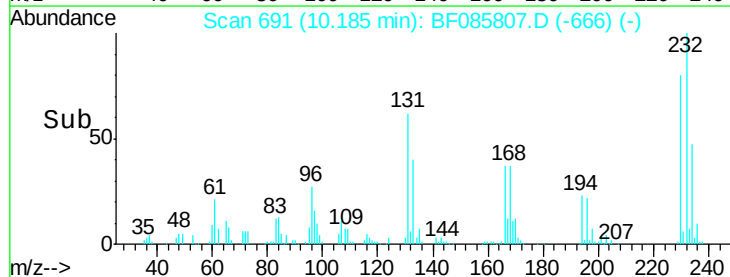
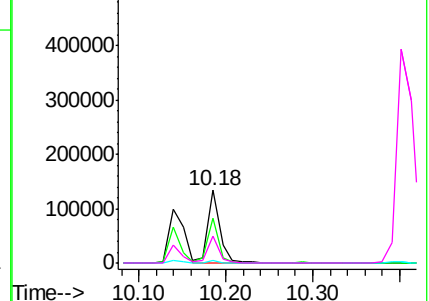


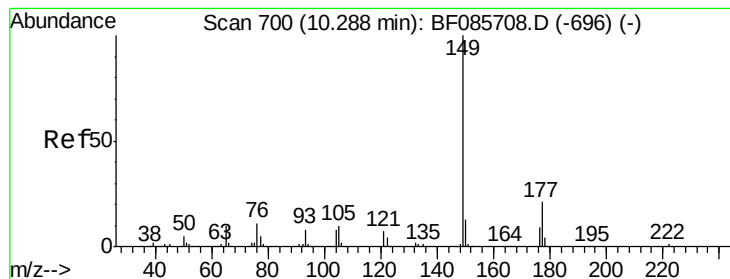
Abundance Ion 232.00 (231.70 to 232.70): E

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: 44.76 ng

RT: 10.29 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

Instrument :

BNA_F

ClientSampleId :

PB89249BS

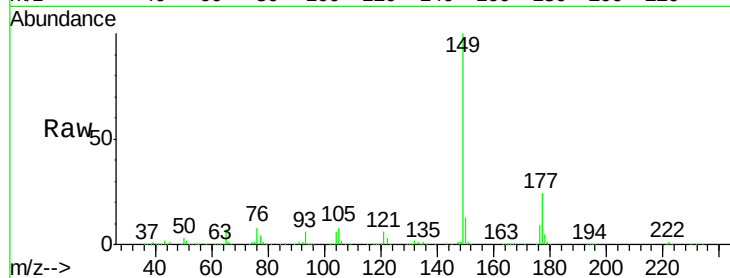
Tgt Ion:149 Resp: 614901

Ion Ratio Lower Upper

149 100

177 23.5 17.9 26.9

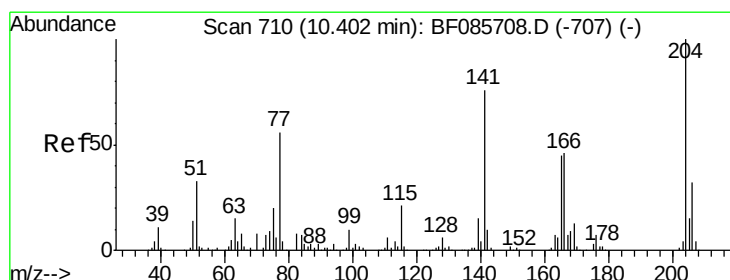
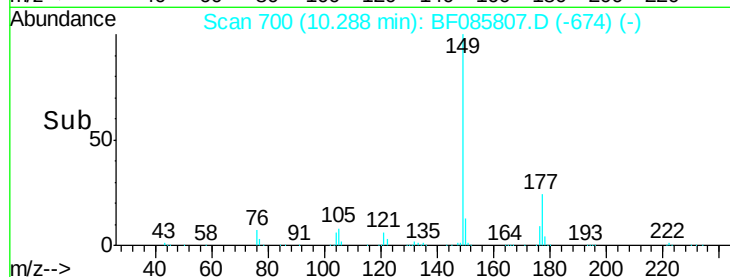
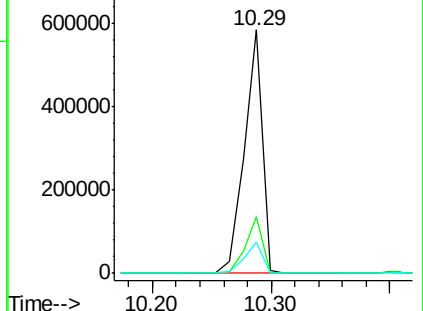
150 12.6 10.2 15.2



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: 44.61 ng

RT: 10.40 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

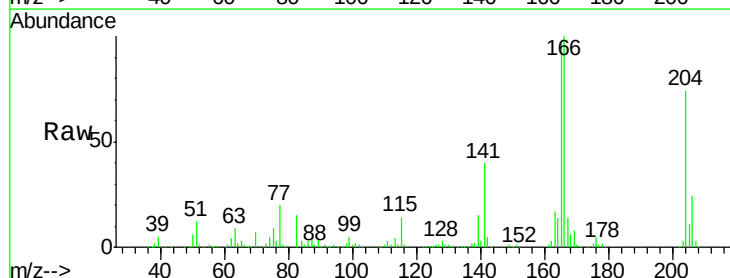
Tgt Ion:204 Resp: 265625

Ion Ratio Lower Upper

204 100

206 33.3 26.6 39.8

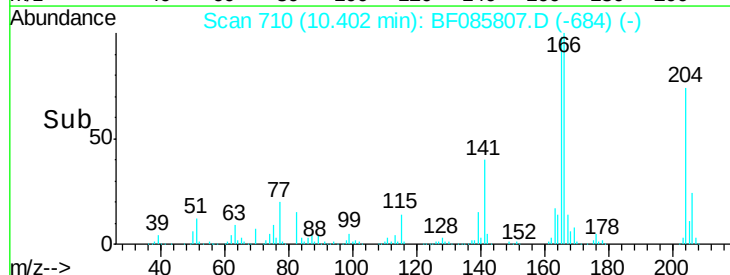
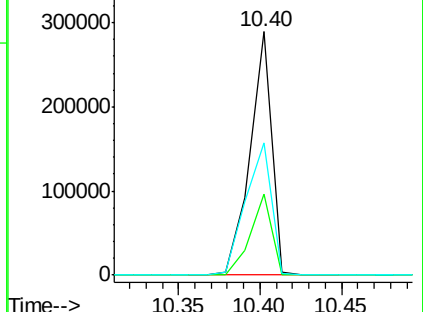
141 54.5 57.4 86.0#

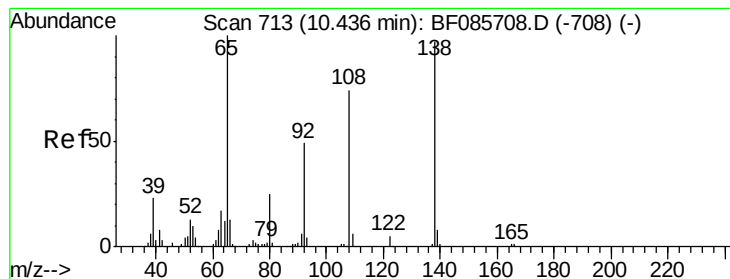


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 43.09 ng

RT: 10.44 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

Instrument :

BNA_F

ClientSampleId :

PB89249BS

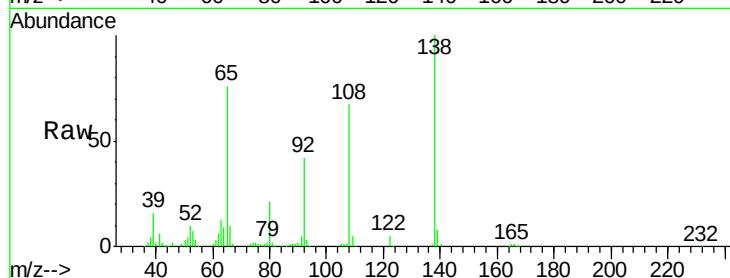
Tgt Ion:138 Resp: 141208

Ion Ratio Lower Upper

138 100

92 42.0 26.4 66.4

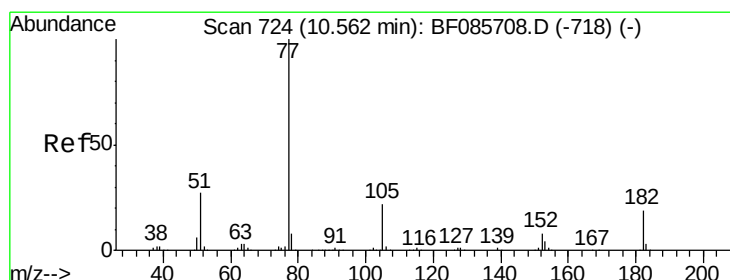
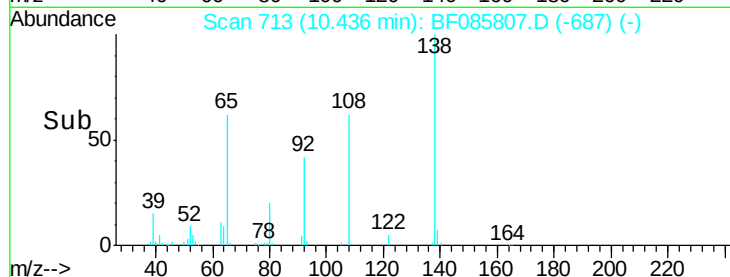
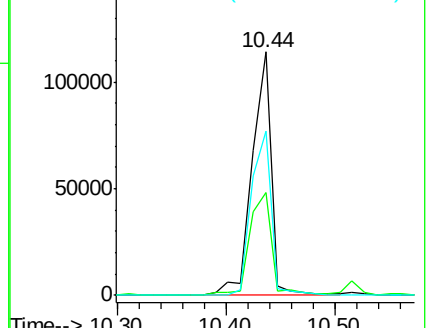
108 67.4 49.0 89.0



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: 49.16 ng

RT: 10.56 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

Tgt Ion: 77 Resp: 649074

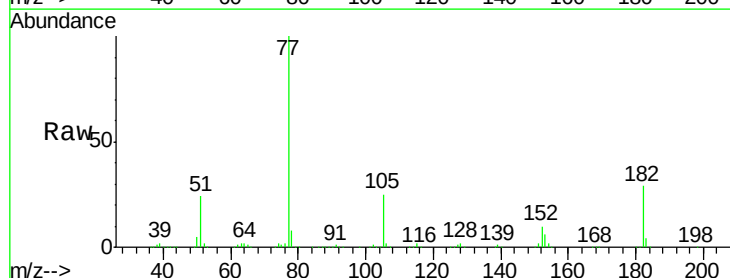
Ion Ratio Lower Upper

77 100

182 29.2 1.9 41.9

105 25.4 3.5 43.5

51 24.1 6.3 46.3

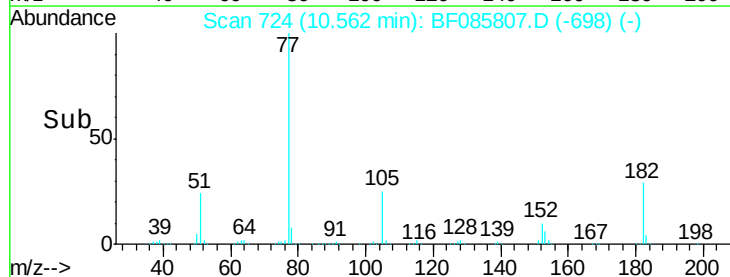
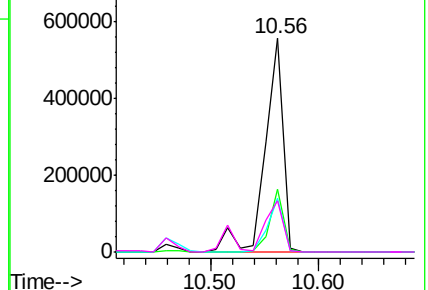


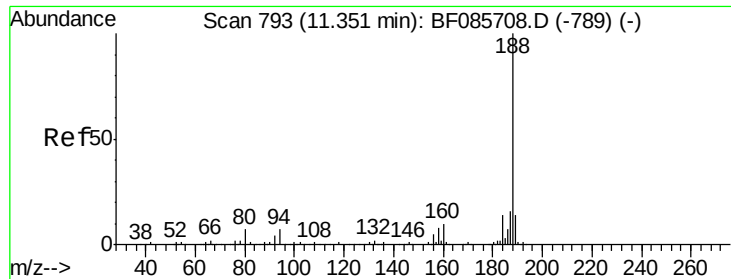
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

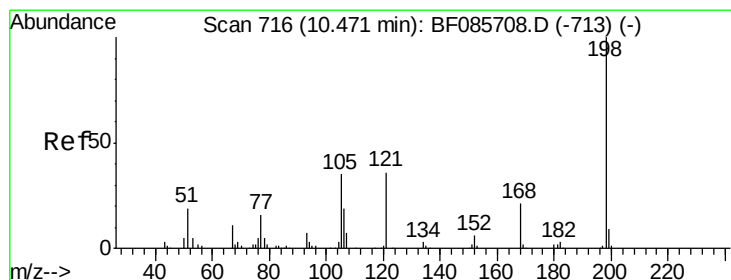
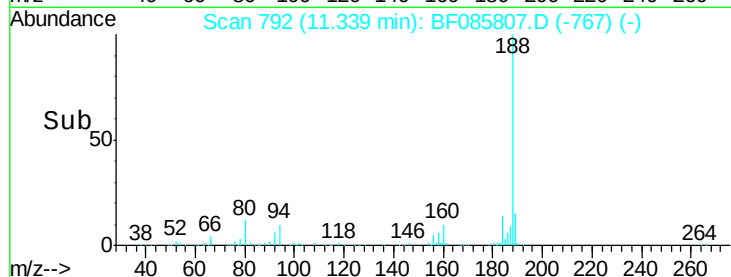
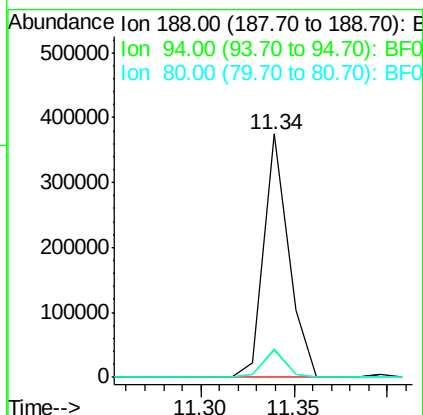
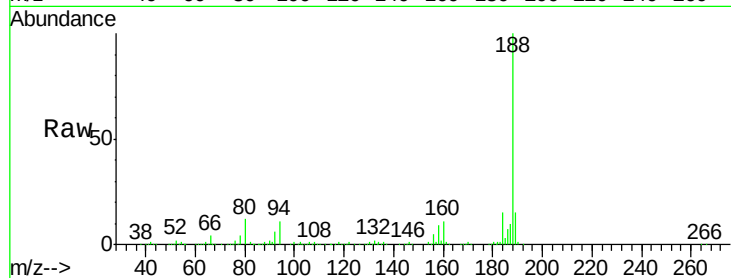




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF085807.D
Acq: 28 Mar 2016 17:54

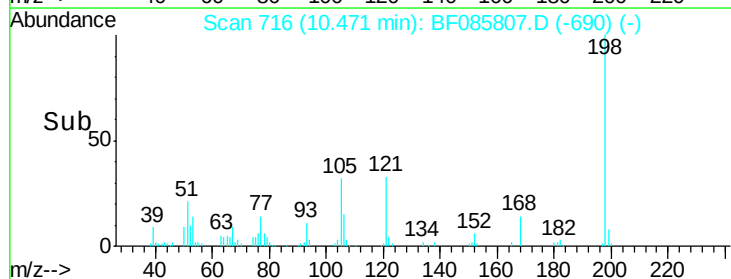
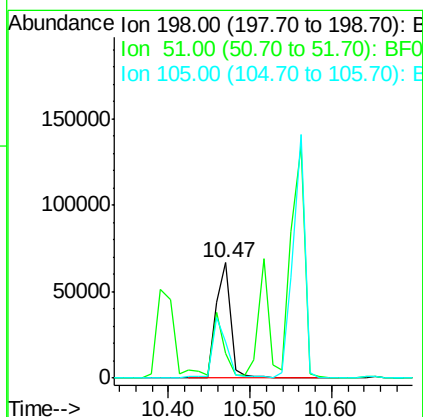
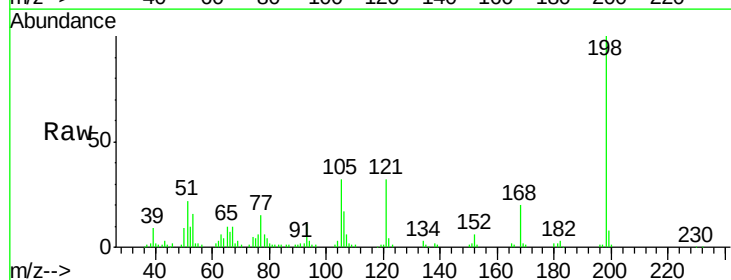
Instrument :
BNA_F
ClientSampleId :
PB89249BS

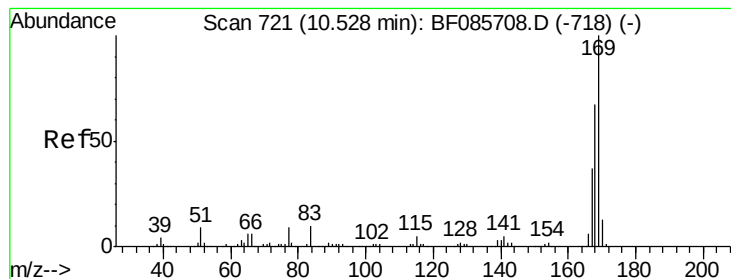
Tgt Ion:188 Resp: 344772
Ion Ratio Lower Upper
188 100
94 11.0 5.4 8.0#
80 11.9 5.5 8.3#



#64
4,6-Dinitro-2-methylphenol
Concen: 41.17 ng
RT: 10.47 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF085807.D
Acq: 28 Mar 2016 17:54

Tgt Ion:198 Resp: 83124
Ion Ratio Lower Upper
198 100
51 21.5 45.4 85.4#
105 31.9 45.9 85.9#

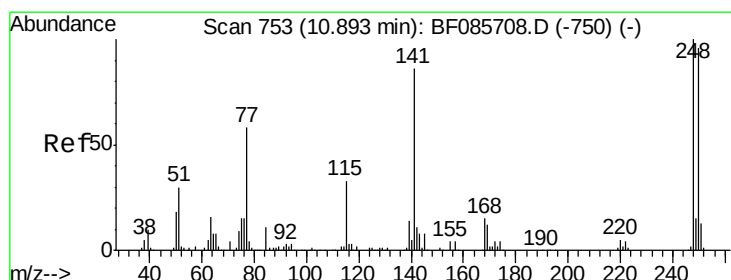
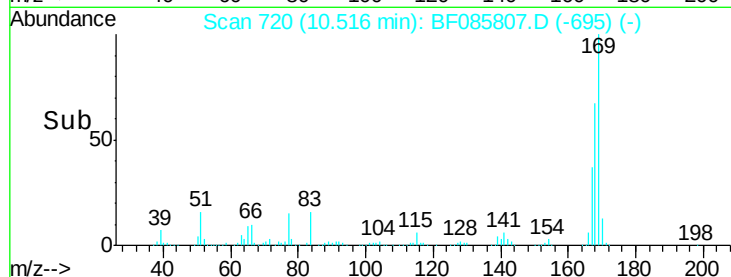
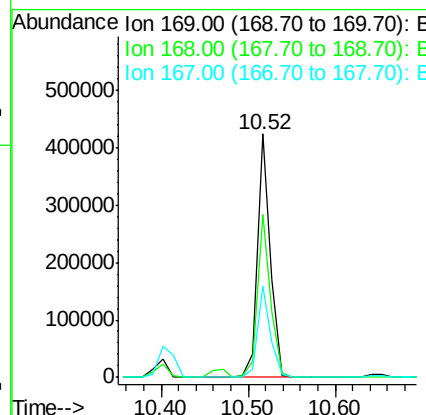
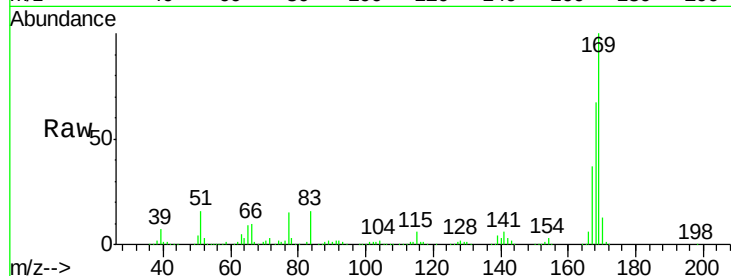




#65
 n-Nitrosodiphenylamine
 Concen: 40.70 ng
 RT: 10.52 min Scan# 720
 Delta R.T. -0.01 min
 Lab File: BF085807.D
 Acq: 28 Mar 2016 17:54

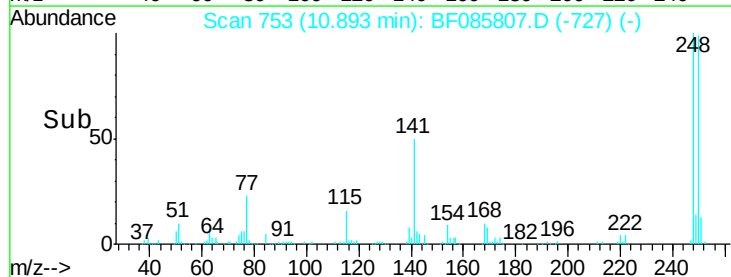
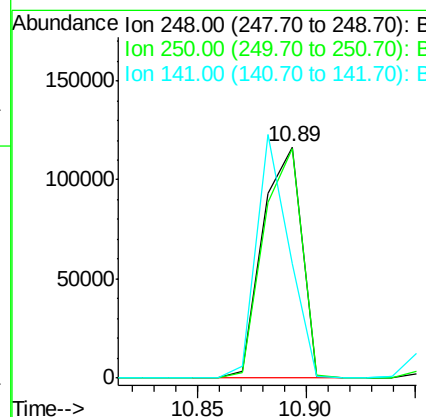
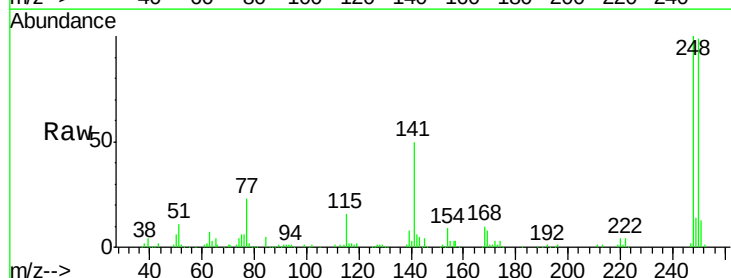
Instrument :
 BNA_F
 ClientSampleId :
 PB89249BS

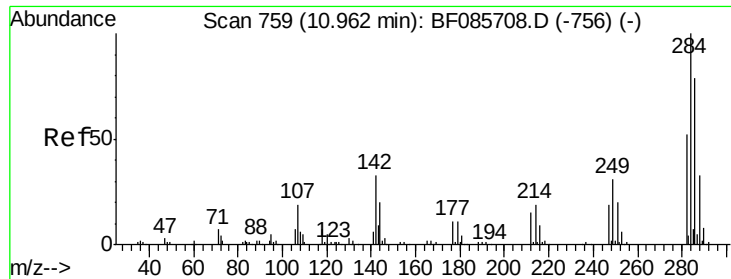
Tgt Ion:169 Resp: 444435
 Ion Ratio Lower Upper
 169 100
 168 67.0 54.4 81.6
 167 37.2 29.4 44.0



#66
 4-Bromophenyl-phenylether
 Concen: 41.71 ng
 RT: 10.89 min Scan# 753
 Delta R.T. 0.00 min
 Lab File: BF085807.D
 Acq: 28 Mar 2016 17:54

Tgt Ion:248 Resp: 147135
 Ion Ratio Lower Upper
 248 100
 250 99.1 77.4 116.0
 141 49.5 63.6 95.4#





#67

Hexachlorobenzene

Concen: 41.54 ng

RT: 10.95 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

Instrument :

BNA_F

ClientSampleId :

PB89249BS

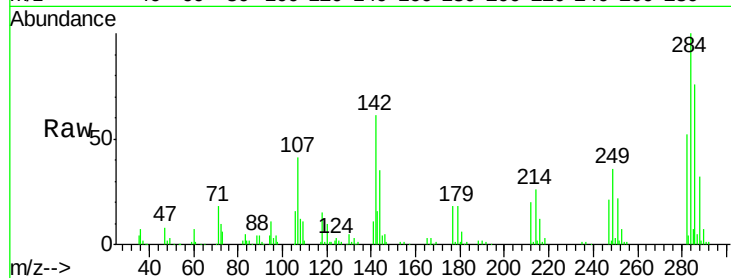
Tgt Ion:284 Resp: 153217

Ion Ratio Lower Upper

284 100

142 60.9 23.1 34.7#

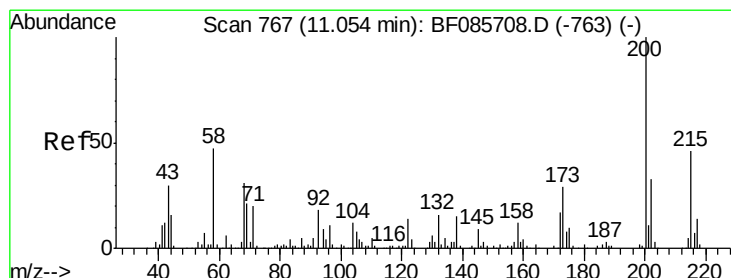
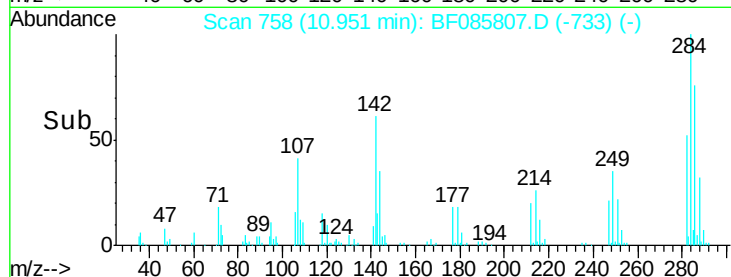
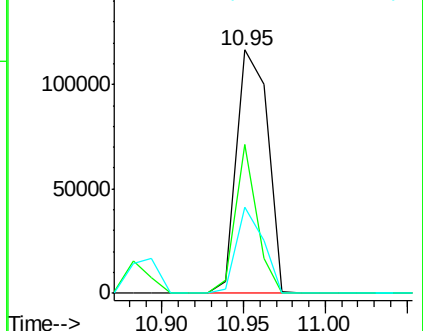
249 35.6 24.2 36.2



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: 38.33 ng

RT: 11.05 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

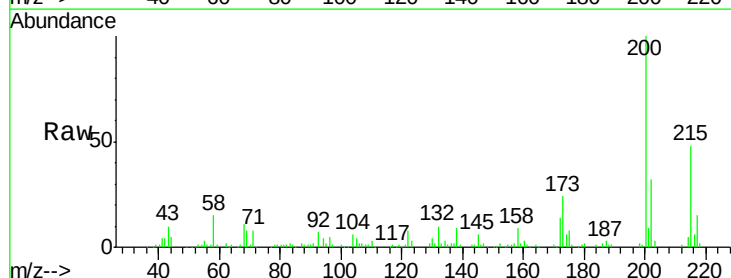
Tgt Ion:200 Resp: 141302

Ion Ratio Lower Upper

200 100

173 23.8 7.7 47.7

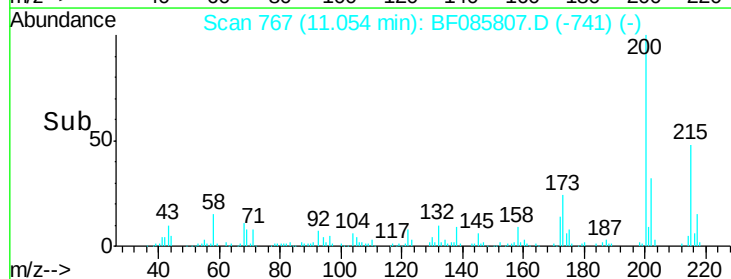
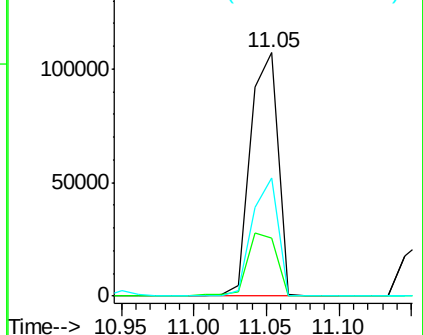
215 48.4 25.4 65.4

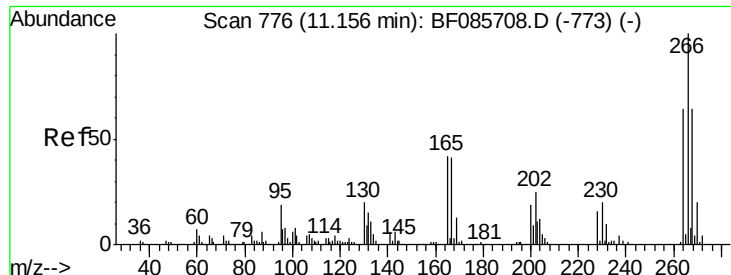


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

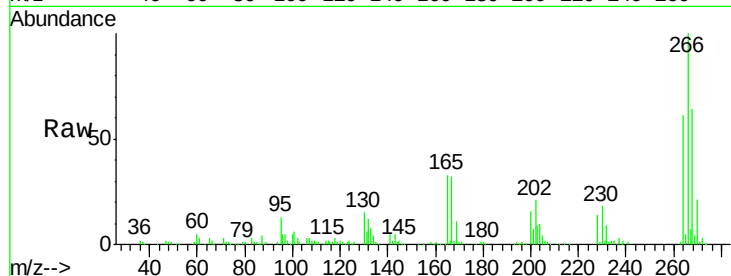




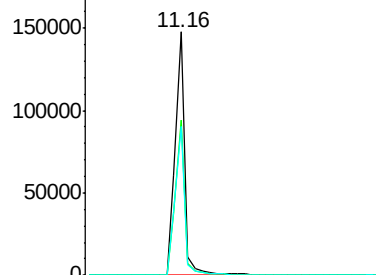
#69
 Pentachlorophenol
 Concen: 89.77 ng
 RT: 11.16 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF085807.D
 Acq: 28 Mar 2016 17:54

Instrument :
 BNA_F
 ClientSampleId :
 PB89249BS

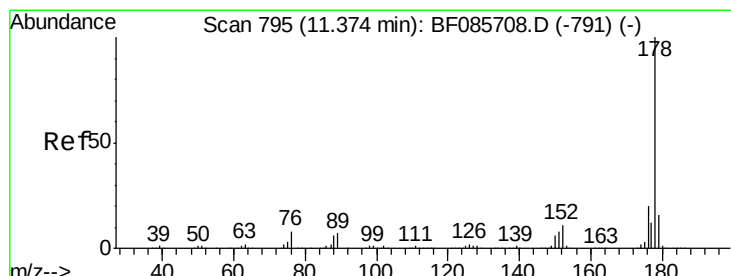
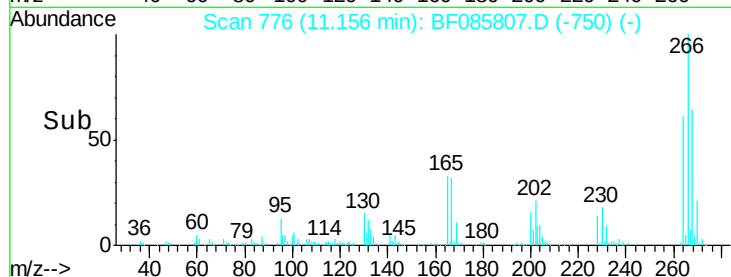
Tgt Ion:266 Resp: 162578
 Ion Ratio Lower Upper
 266 100
 268 63.5 51.5 77.3
 264 60.9 50.6 76.0



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

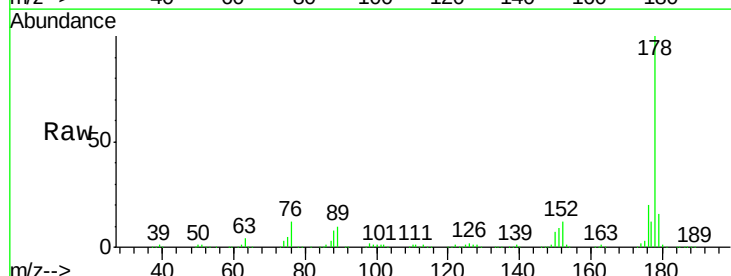


Time-->

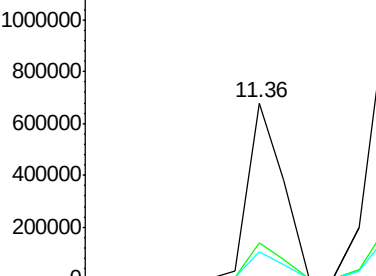


#70
 Phenanthrene
 Concen: 42.48 ng
 RT: 11.36 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF085807.D
 Acq: 28 Mar 2016 17:54

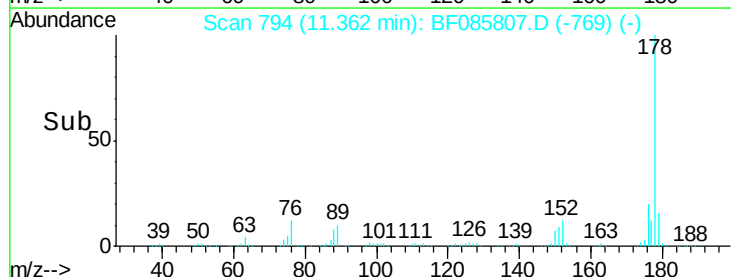
Tgt Ion:178 Resp: 751927
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.3 24.5
 179 15.8 12.6 18.8

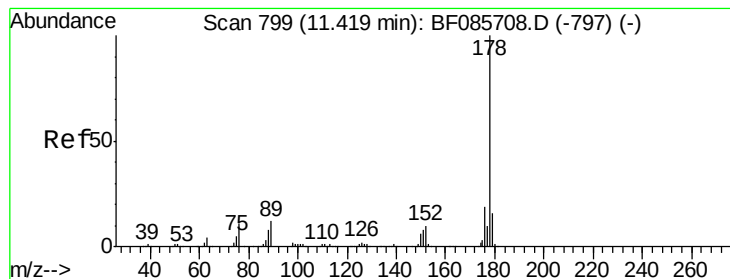


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



Time-->





#71

Anthracene

Concen: 44.39 ng

RT: 11.42 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

Instrument :

BNA_F

ClientSampleId :

PB89249BS

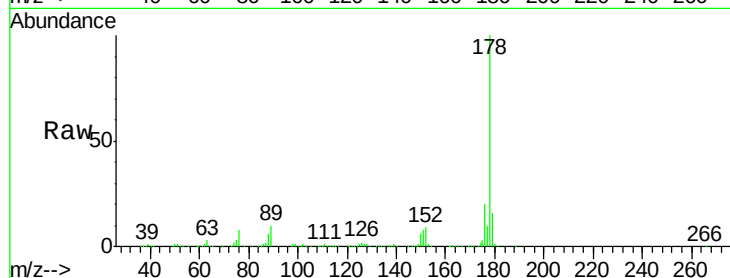
Tgt Ion:178 Resp: 824913

Ion Ratio Lower Upper

178 100

176 19.7 15.9 23.9

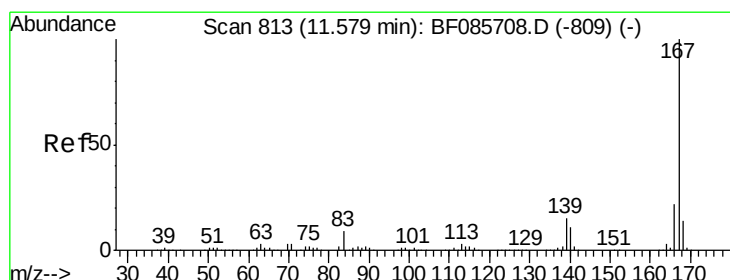
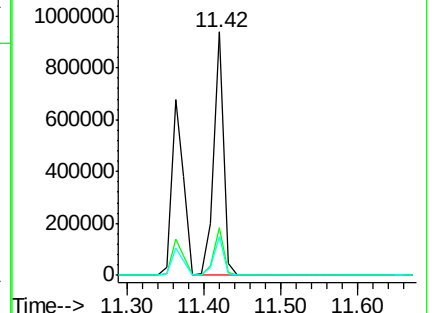
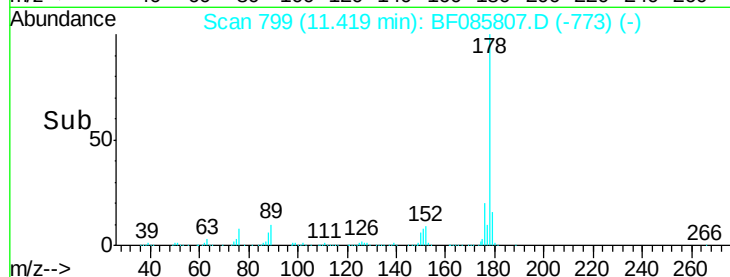
179 15.9 13.0 19.4



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: 46.53 ng

RT: 11.58 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

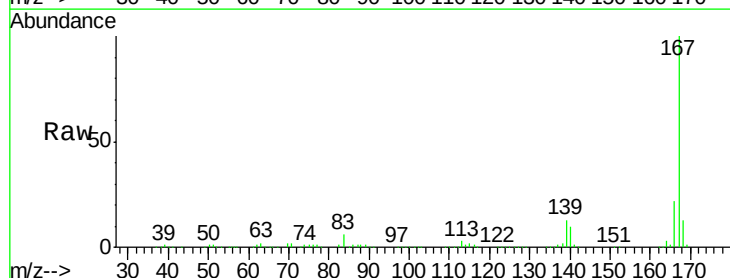
Tgt Ion:167 Resp: 726080

Ion Ratio Lower Upper

167 100

166 22.0 17.8 26.8

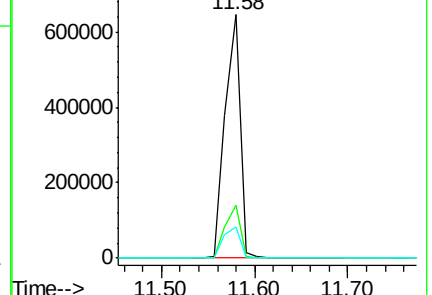
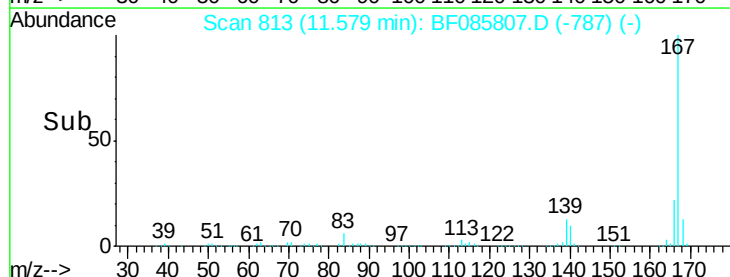
139 13.0 11.6 17.4

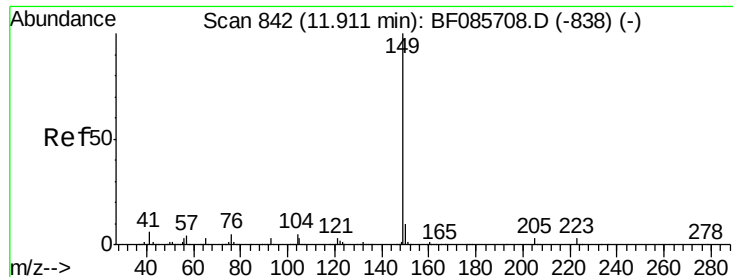


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.25 ng

RT: 11.91 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

Instrument :

BNA_F

ClientSampleId :

PB89249BS

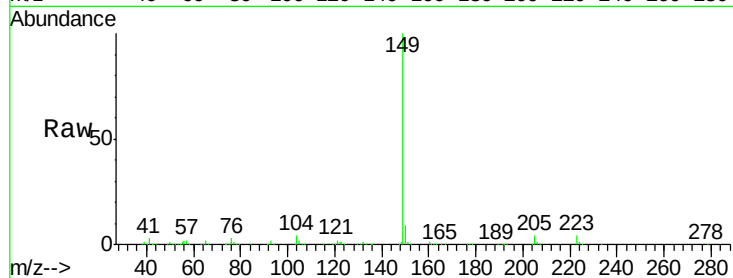
Tgt Ion:149 Resp: 904552

Ion Ratio Lower Upper

149 100

150 8.8 7.6 11.4

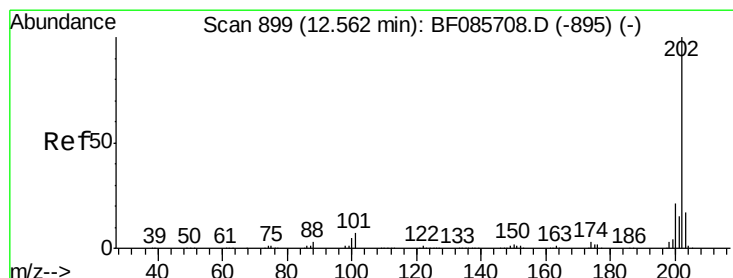
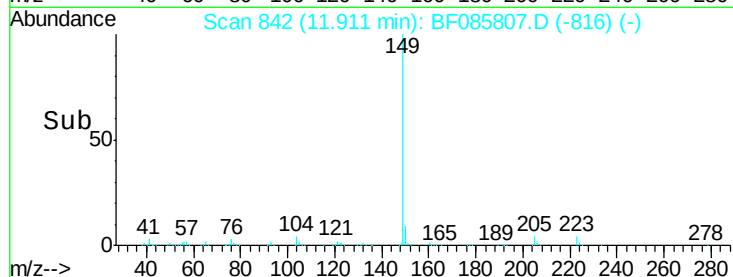
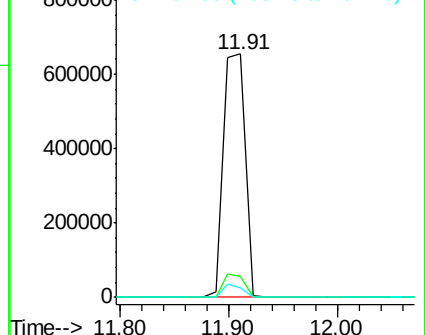
104 3.7 3.8 5.8#



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: 38.05 ng

RT: 12.55 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

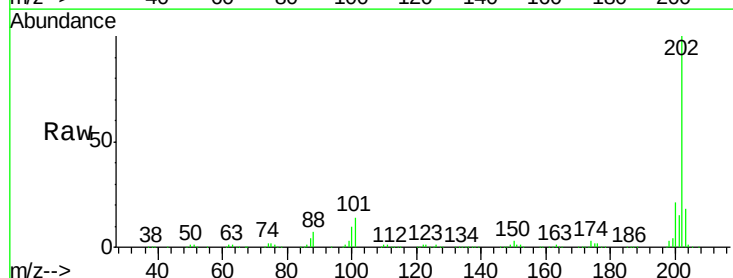
Tgt Ion:202 Resp: 716063

Ion Ratio Lower Upper

202 100

101 13.5 0.0 36.6

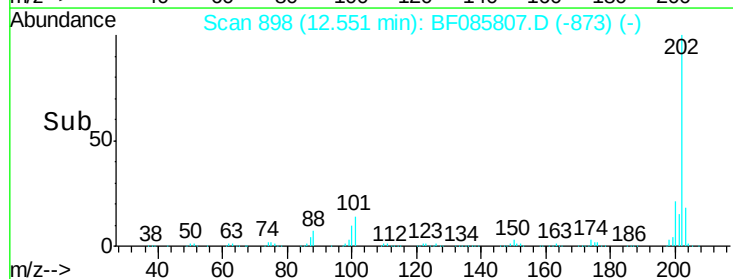
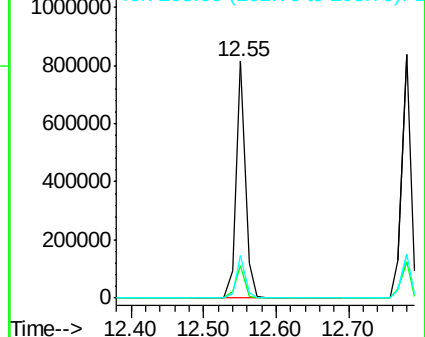
203 18.0 0.0 38.1

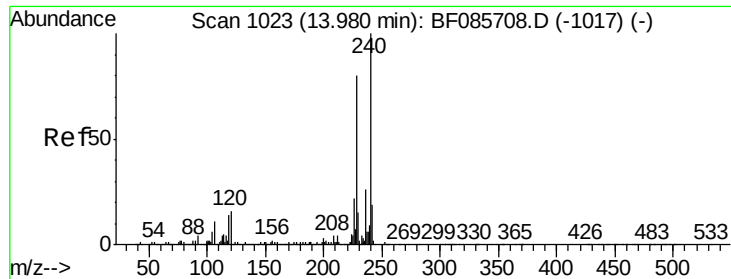


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

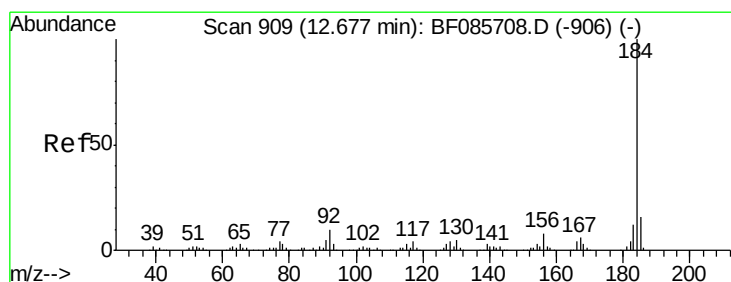
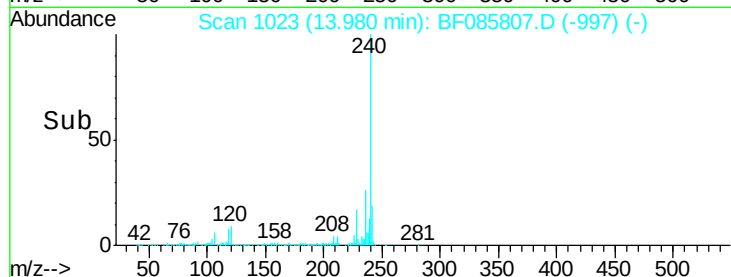
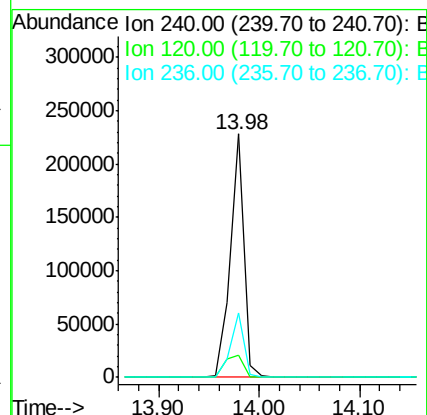
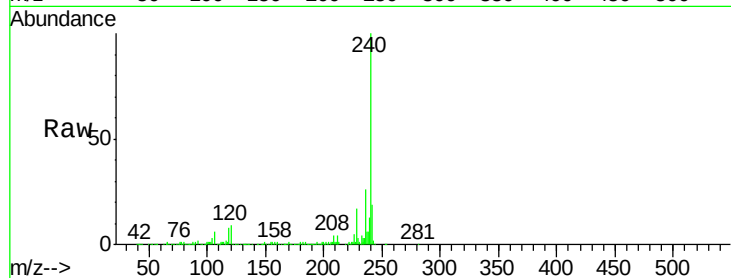




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF085807.D
Acq: 28 Mar 2016 17:54

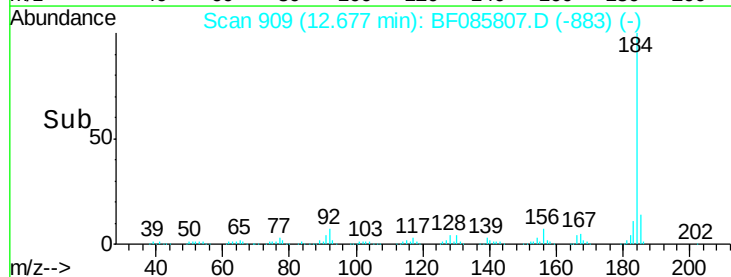
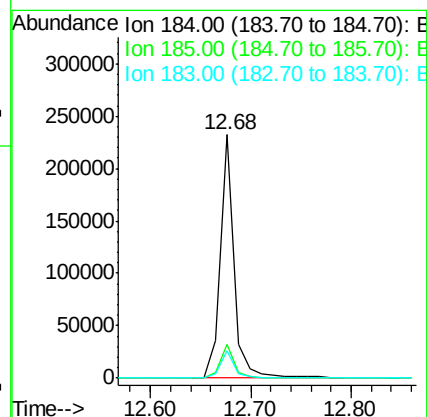
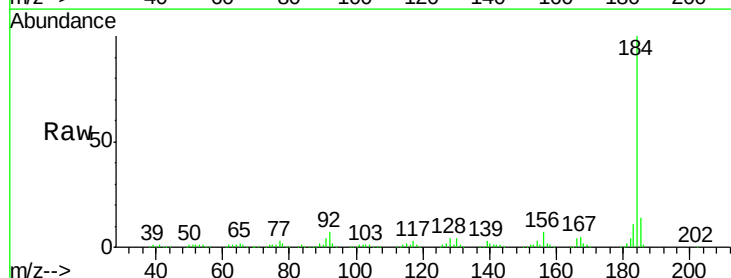
Instrument :
BNA_F
ClientSampleId :
PB89249BS

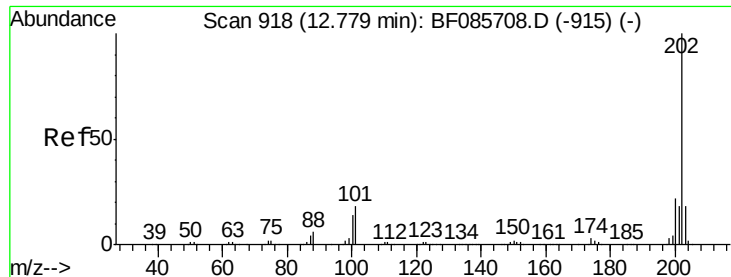
Tgt Ion:240 Resp: 215386
Ion Ratio Lower Upper
240 100
120 9.1 13.8 20.8#
236 26.5 20.6 30.8



#76
Benzidine
Concen: 29.30 ng
RT: 12.68 min Scan# 909
Delta R.T. 0.00 min
Lab File: BF085807.D
Acq: 28 Mar 2016 17:54

Tgt Ion:184 Resp: 222279
Ion Ratio Lower Upper
184 100
185 13.8 12.4 18.6
183 11.0 9.4 14.2

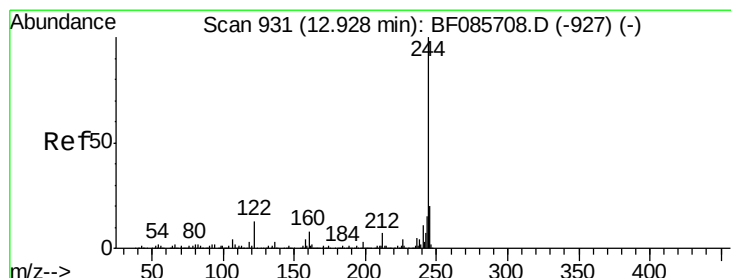
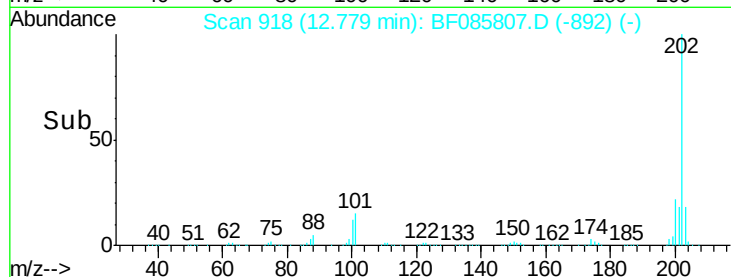
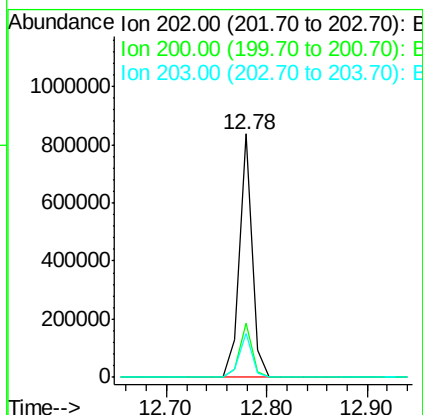
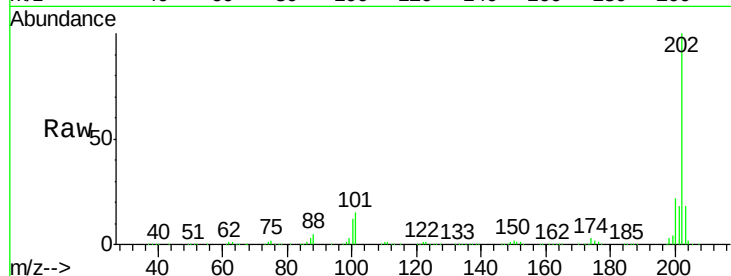




#77
 Pyrene
 Concen: 41.26 ng
 RT: 12.78 min Scan# 918
 Delta R.T. 0.00 min
 Lab File: BF085807.D
 Acq: 28 Mar 2016 17:54

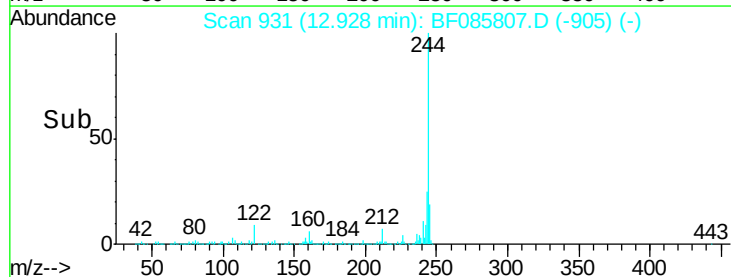
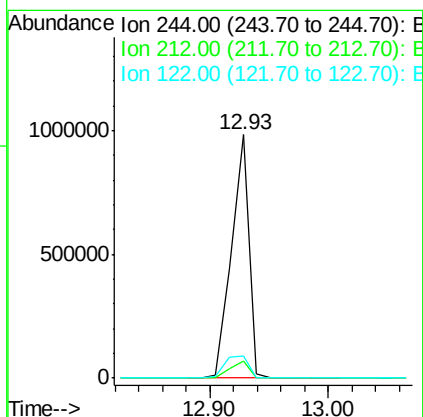
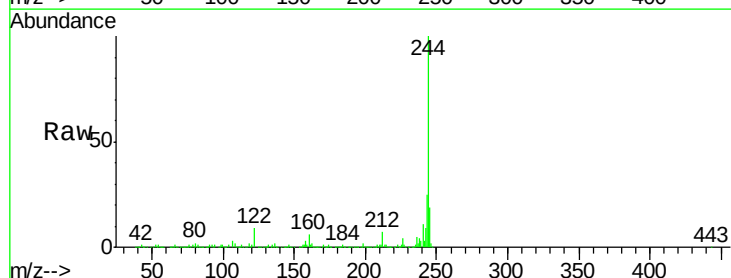
Instrument :
 BNA_F
 ClientSampleId :
 PB89249BS

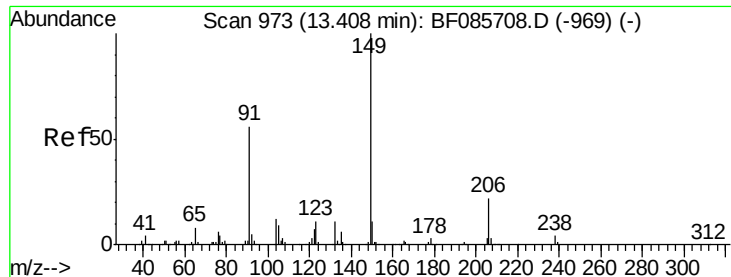
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.6	26.4
203	18.2	14.0	21.0



#78
 Terphenyl-d14
 Concen: 95.50 ng
 RT: 12.93 min Scan# 931
 Delta R.T. 0.00 min
 Lab File: BF085807.D
 Acq: 28 Mar 2016 17:54

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.1	9.1
122	9.2	10.2	15.4





#79

Butylbenzylphthalate

Concen: 44.34 ng

RT: 13.40 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

Instrument :

BNA_F

ClientSampleId :

PB89249BS

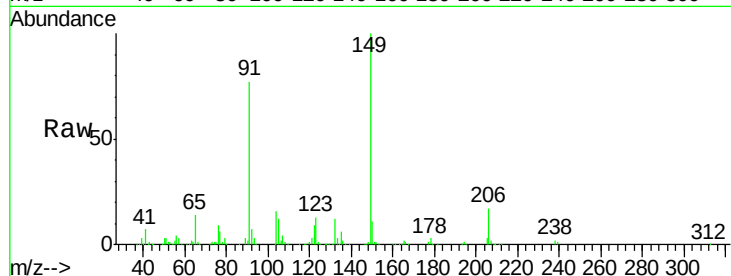
Tgt Ion:149 Resp: 328744

Ion Ratio Lower Upper

149 100

91 77.2 45.8 68.8#

206 16.6 17.8 26.8#



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

400000

300000

200000

100000

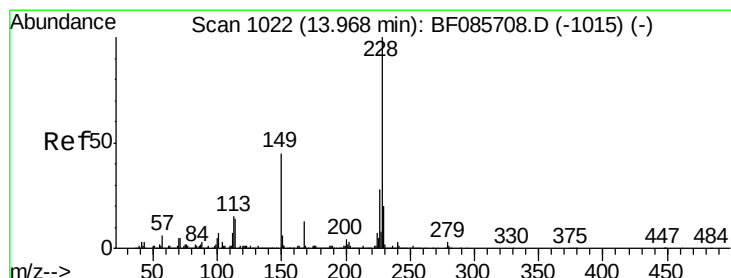
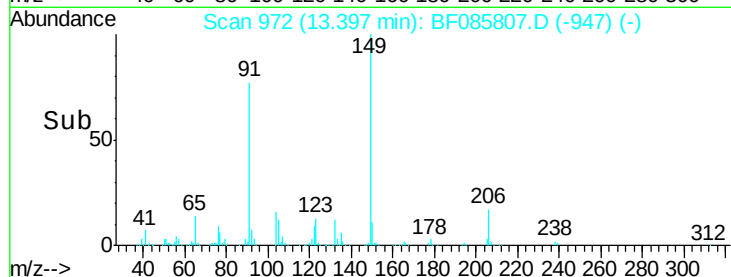
0

13.40

13.30

13.50

Time-->



#80

Benzo(a)anthracene

Concen: 41.48 ng

RT: 13.97 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

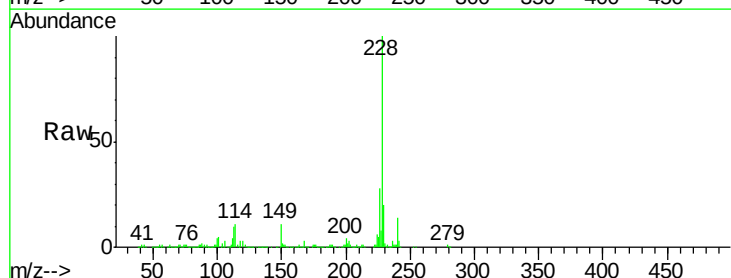
Tgt Ion:228 Resp: 509444

Ion Ratio Lower Upper

228 100

226 27.6 22.1 33.1

229 19.9 16.2 24.4



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

600000

400000

200000

0

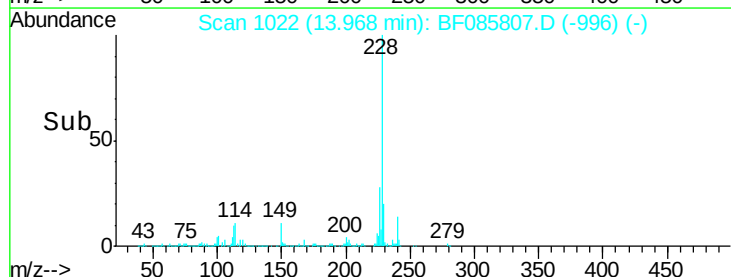
13.97

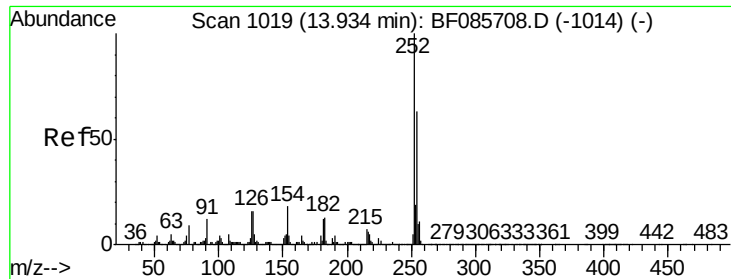
13.90

13.95

14.00

Time-->

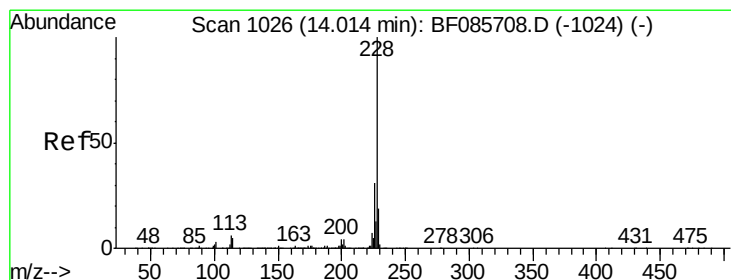
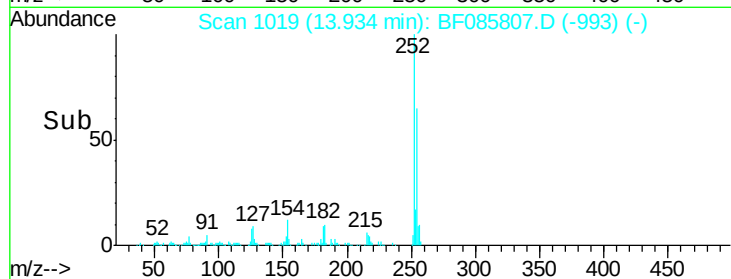
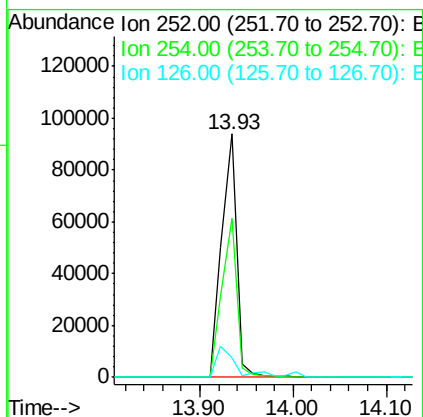
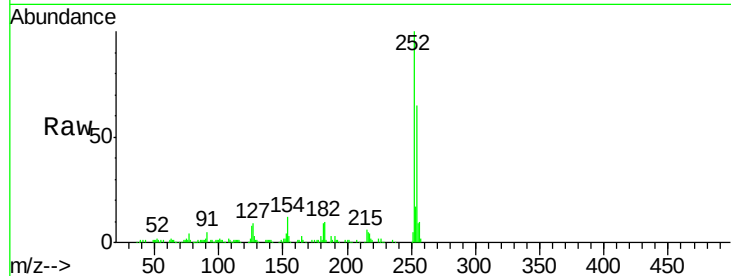




#81
 3,3'-Dichlorobenzidine
 Concen: 12.35 ng
 RT: 13.93 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BF085807.D
 Acq: 28 Mar 2016 17:54

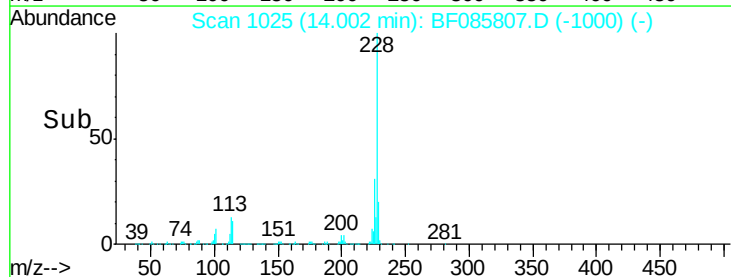
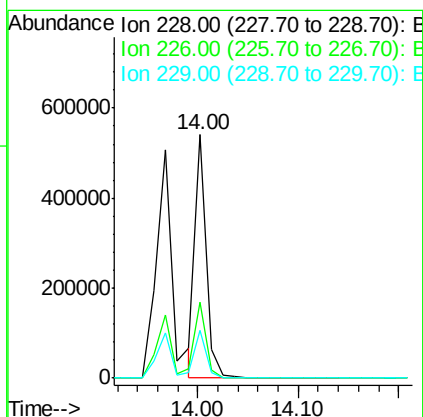
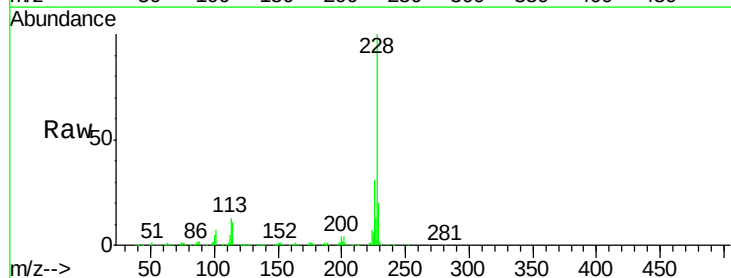
Instrument :
 BNA_F
 ClientSampleId :
 PB89249BS

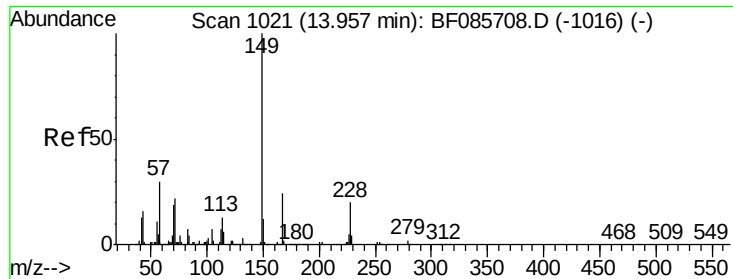
Tgt Ion:252 Resp: 105273
 Ion Ratio Lower Upper
 252 100
 254 65.2 50.7 76.1
 126 7.9 11.8 17.6#



#82
 Chrysene
 Concen: 34.21 ng
 RT: 14.00 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BF085807.D
 Acq: 28 Mar 2016 17:54

Tgt Ion:228 Resp: 423181
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.0 37.6
 229 19.8 15.7 23.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.89 ng

RT: 13.96 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

Instrument :

BNA_F

ClientSampleId :

PB89249BS

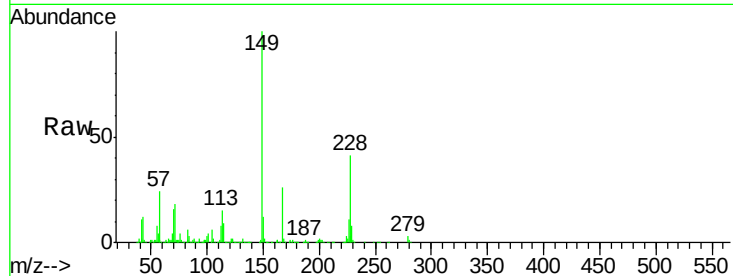
Tgt Ion:149 Resp: 407414

Ion Ratio Lower Upper

149 100

167 25.6 19.4 29.2

279 2.8 1.5 2.3#



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

600000

500000

400000

300000

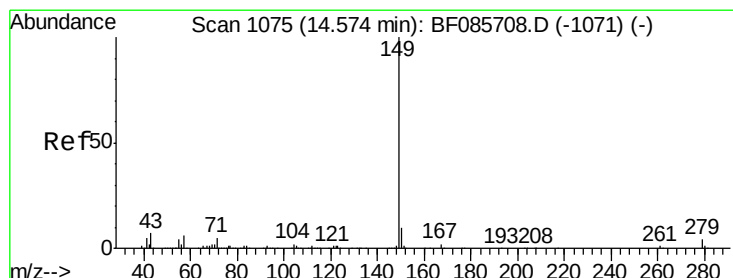
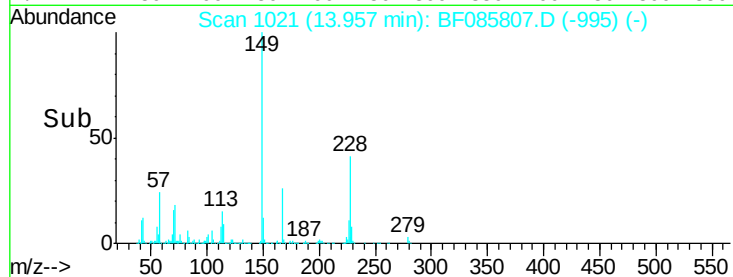
200000

100000

0

13.90 13.95 14.00

Time-->



#84

Di-n-octyl phthalate

Concen: 45.58 ng

RT: 14.56 min Scan# 1074

Delta R.T. -0.01 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

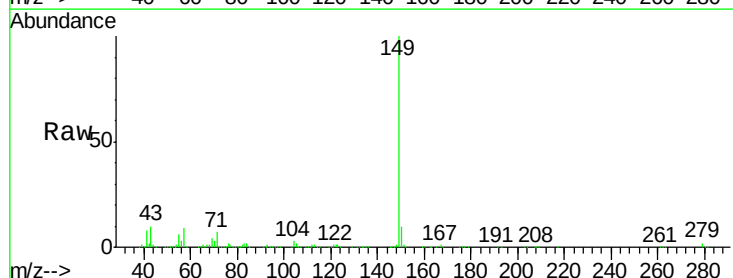
Tgt Ion:149 Resp: 601674

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 8.6 7.1 10.7



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

600000

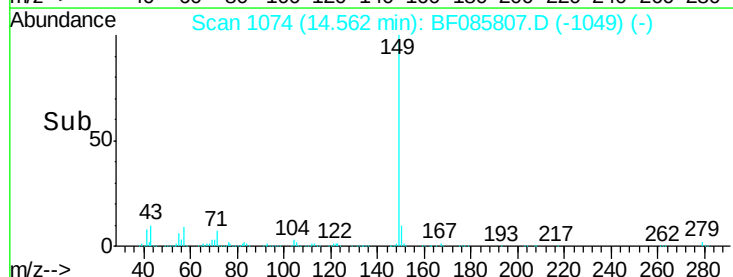
400000

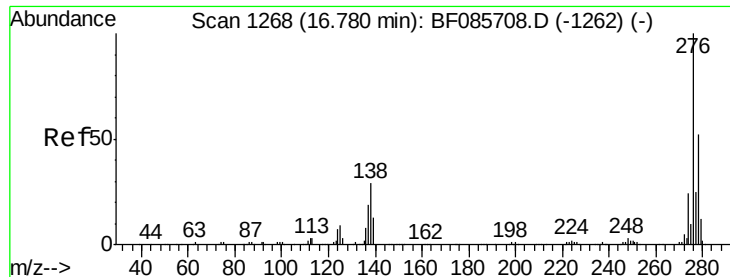
200000

0

14.50 14.60 14.70

Time-->

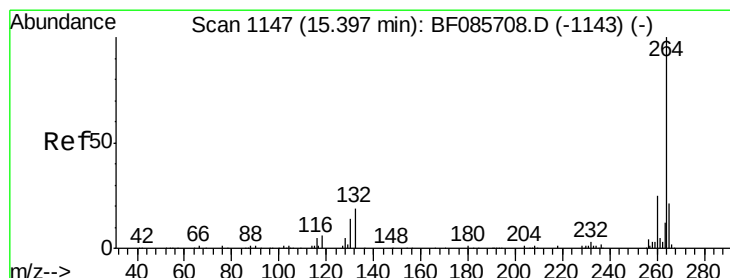
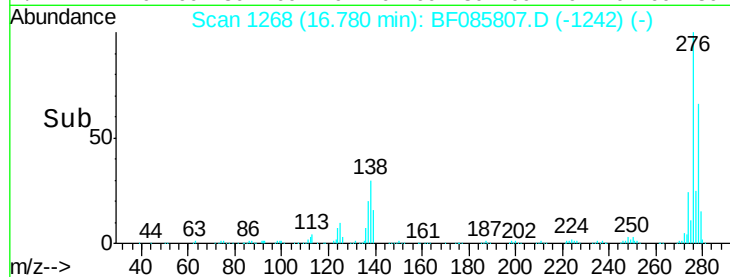
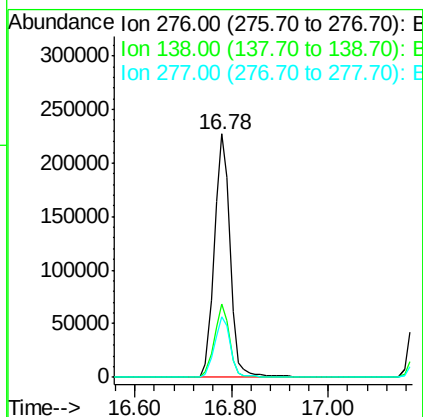
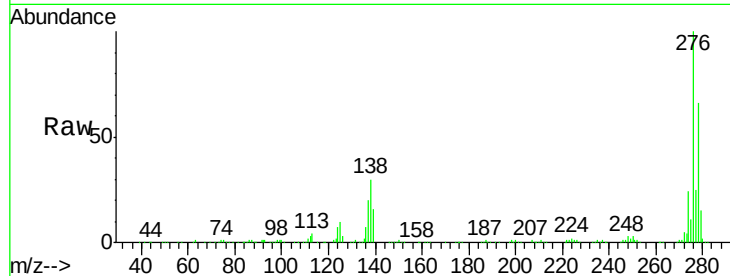




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 55.25 ng
 RT: 16.78 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: BF085807.D
 Acq: 28 Mar 2016 17:54

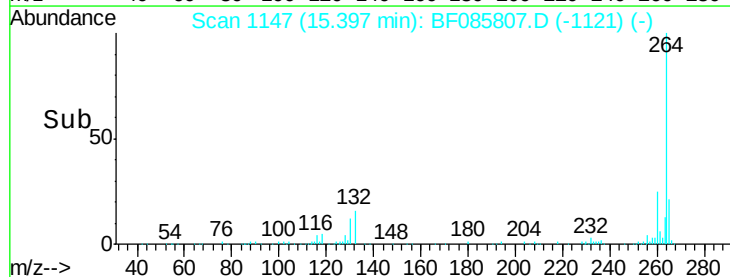
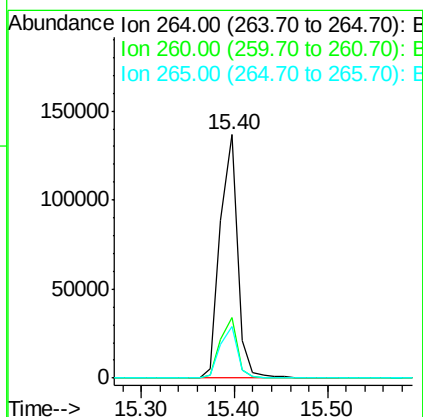
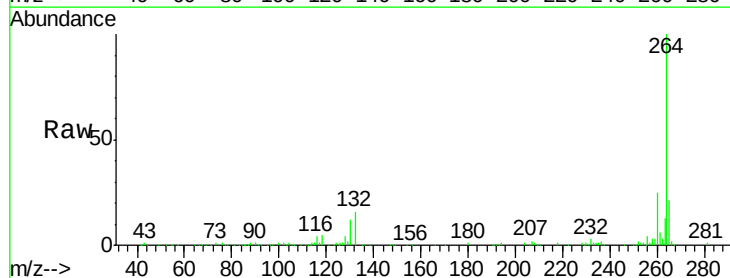
Instrument :
 BNA_F
 ClientSampleId :
 PB89249BS

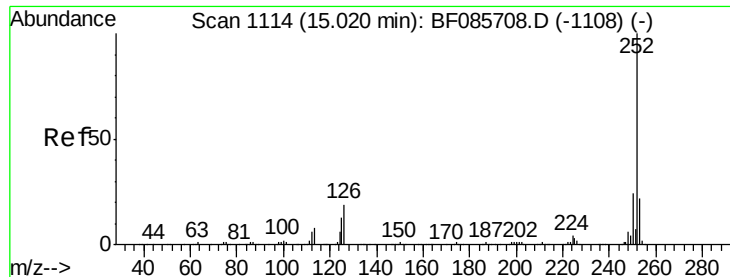
Tgt Ion:276 Resp: 527741
 Ion Ratio Lower Upper
 276 100
 138 29.2 24.2 36.4
 277 24.9 20.0 30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BF085807.D
 Acq: 28 Mar 2016 17:54

Tgt Ion:264 Resp: 177799
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.4 29.2
 265 21.4 17.2 25.8

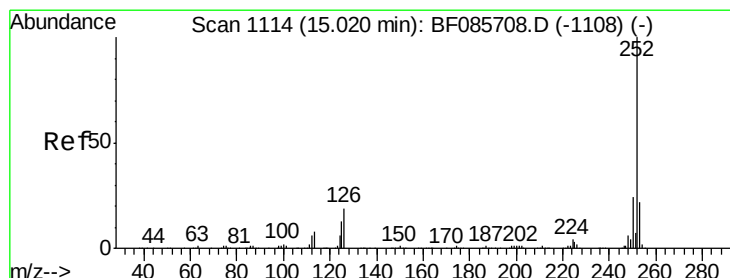
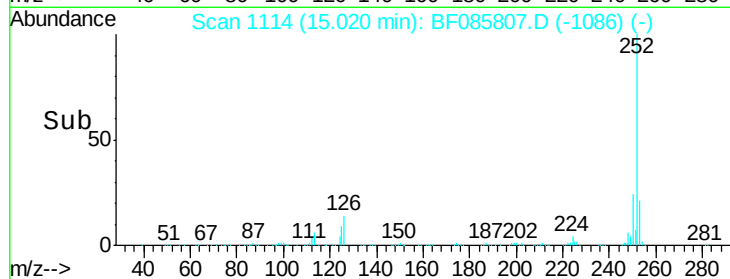
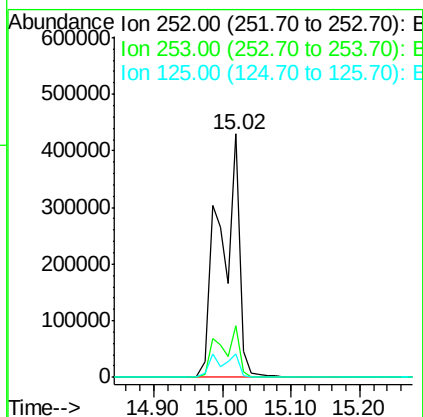
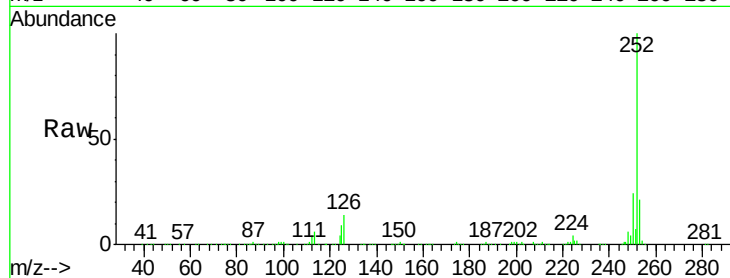




#87
Benzo(b)fluoranthene
Concen: 77.29 ng
RT: 15.02 min Scan# 1114
Delta R.T. 0.02 min
Lab File: BF085807.D
Acq: 28 Mar 2016 17:54

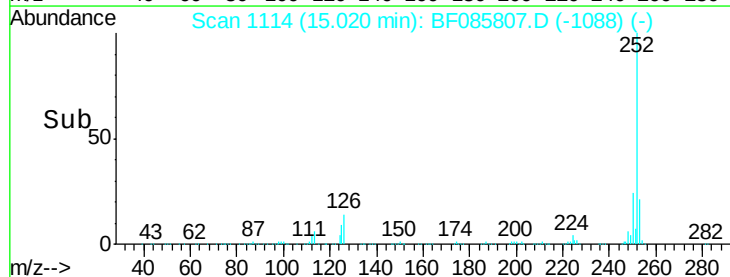
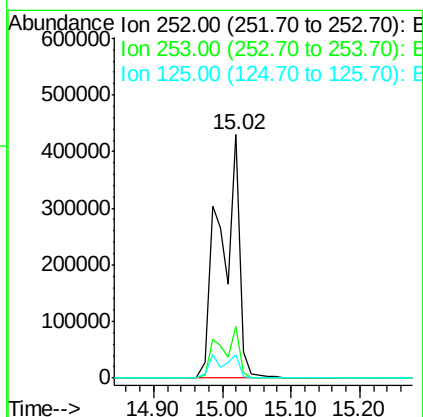
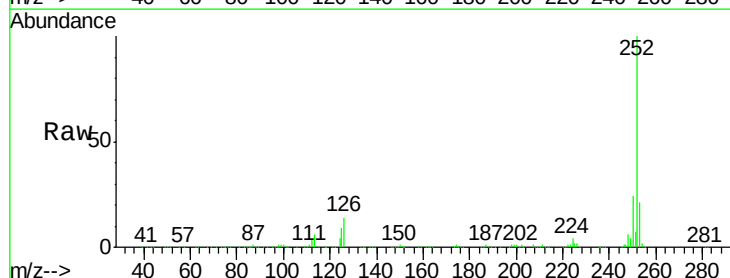
Instrument :
BNA_F
ClientSampleId :
PB89249BS

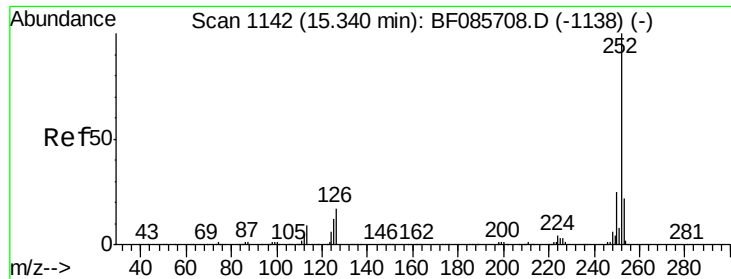
Tgt Ion:252 Resp: 865746
Ion Ratio Lower Upper
252 100
253 21.4 17.6 26.4
125 9.4 10.3 15.5#



#88
Benzo(k)fluoranthene
Concen: 85.74 ng
RT: 15.02 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BF085807.D
Acq: 28 Mar 2016 17:54

Tgt Ion:252 Resp: 865746
Ion Ratio Lower Upper
252 100
253 21.4 17.8 26.6
125 9.4 7.7 11.5





#89

Benzo(a)pyrene

Concen: 42.44 ng

RT: 15.34 min Scan# 1142

Delta R.T. 0.00 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

Instrument :

BNA_F

ClientSampleId :

PB89249BS

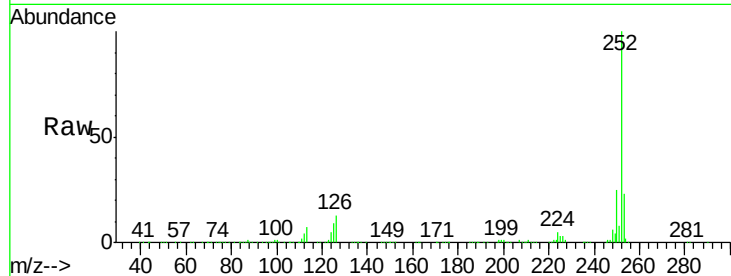
Tgt Ion:252 Resp: 422124

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.0

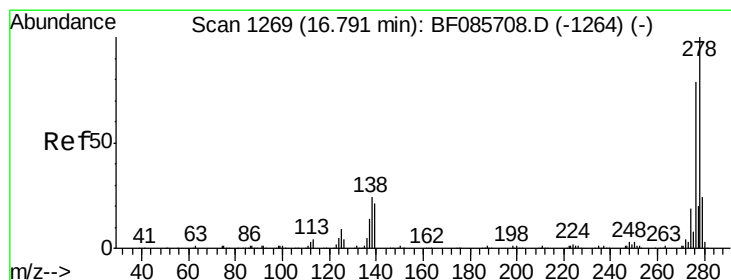
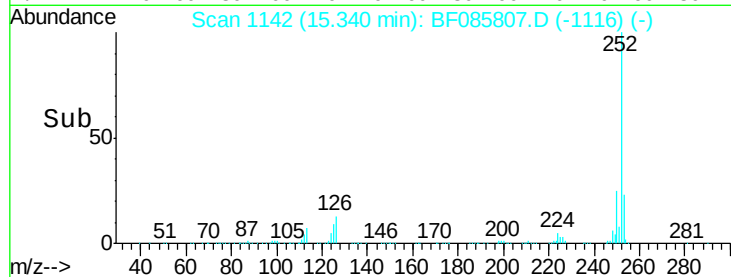
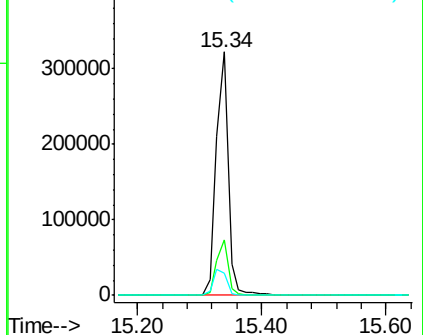
125 9.4 10.3 15.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 47.46 ng

RT: 16.79 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

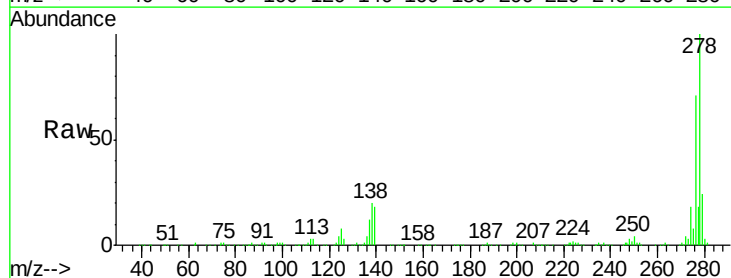
Tgt Ion:278 Resp: 438532

Ion Ratio Lower Upper

278 100

139 17.8 14.4 21.6

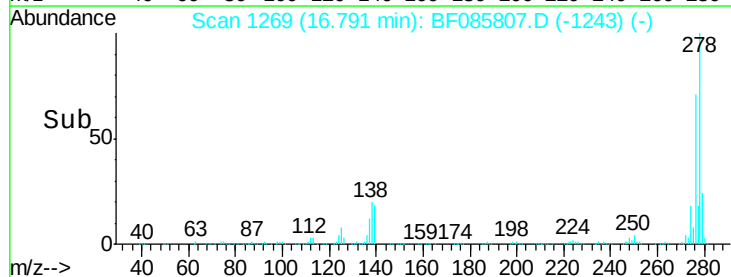
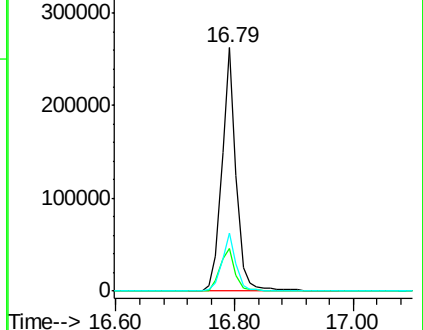
279 23.9 19.1 28.7

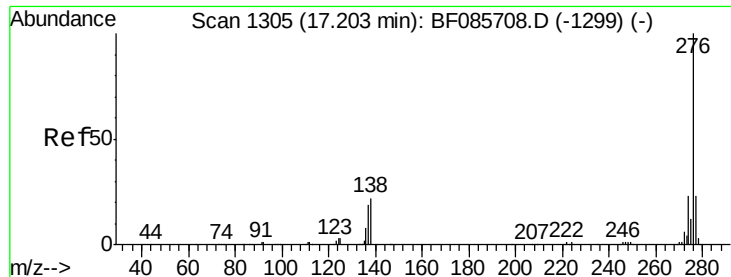


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 47.94 ng

RT: 17.19 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

Instrument :

BNA_F

ClientSampleId :

PB89249BS

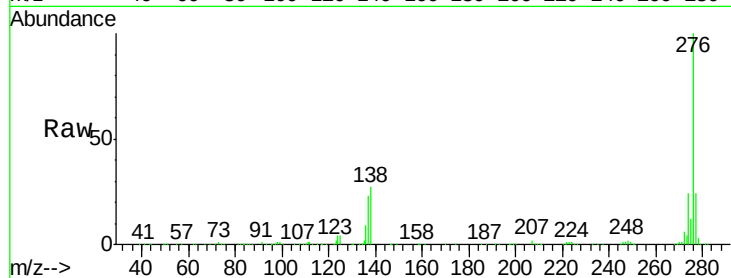
Tgt Ion: 276 Resp: 448533

Ion Ratio Lower Upper

276 100

277 23.8 18.8 28.2

138 27.5 22.6 34.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

