

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021116\
 Data File : BF085012.D
 Acq On : 11 Feb 2016 12:05
 Operator : SJ/IZ
 Sample : PB88297BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88297BS

Manual Integrations
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Sohil
 2/12/2016 12:26:00 PM

Quant Time: Feb 11 18:23:44 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 10 13:28:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	143003	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	583819	20.00	ng	-0.02
38) Acenaphthene-d10	9.64	164	279100	20.00	ng	-0.02
63) Phenanthrene-d10	11.13	188	547965	20.00	ng	-0.01
75) Chrysene-d12	13.76	240	381700	20.00	ng	-0.01
86) Perylene-d12	15.12	264	276156	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	1141378	124.32	ng	0.01
7) Phenol-d6	6.27	99	1245529	109.43	ng	-0.01
23) Nitrobenzene-d5	7.19	82	879843	84.90	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	371931	127.76	ng	-0.01
44) 2-Fluorobiphenyl	8.98	172	1517832	95.57	ng	-0.01
78) Terphenyl-d14	12.72	244	1513066	89.83	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.15	88	135698	33.74	ng	# 74
3) Pyridine	2.78	79	390739	37.29	ng	# 76
4) n-Nitrosodimethylamine	2.73	42	208946	38.56	ng	81
6) Aniline	6.27	93	326696	23.46	ng	# 84
8) 2-Chlorophenol	6.40	128	442100	42.54	ng	96
9) Benzaldehyde	6.15	77	104691	15.58	ng	95
10) Phenol	6.28	94	491653	38.56	ng	96
11) bis(2-Chloroethyl)ether	6.35	93	369544	37.17	ng	# 81
12) 1,3-Dichlorobenzene	6.55	146	417952	38.07	ng	# 95
13) 1,4-Dichlorobenzene	6.63	146	432567	39.41	ng	96
14) 1,2-Dichlorobenzene	6.78	146	362935	35.50	ng	93
15) Benzyl Alcohol	6.76	79	354580	45.12	ng	90
16) 2,2'-oxybis(1-Chloropropan	6.90	45	632126	37.79	ng	80
17) 2-Methylphenol	6.89	107	323035	39.30	ng	# 90
18) Hexachloroethane	7.12	117	162855	38.53	ng	96
19) n-Nitroso-di-n-propylamine	7.04	70	284452	39.87	ng	# 73
20) 3+4-Methylphenols	7.05	107	434133	42.56	ng	87
22) Acetophenone	7.03	105	600648	39.04	ng	# 98
24) Nitrobenzene	7.20	77	414260	37.33	ng	95
25) Isophorone	7.45	82	799606	39.68	ng	98
26) 2-Nitrophenol	7.52	139	217093	39.66	ng	# 84
27) 2,4-Dimethylphenol	7.58	122	386966	40.64	ng	95
28) bis(2-Chloroethoxy)methane	7.67	93	530554	44.38	ng	99
29) 2,4-Dichlorophenol	7.77	162	355082	43.59	ng	99
30) 1,2,4-Trichlorobenzene	7.84	180	364897	39.66	ng	95
31) Naphthalene	7.92	128	1118866	38.21	ng	99
32) Benzoic acid	7.72	122	231106	37.95	ng	96
33) 4-Chloroaniline	7.98	127	182574	15.07	ng	98
34) Hexachlorobutadiene	8.04	225	216753	40.85	ng	97
35) Caprolactam	8.36	113	112785m	44.92	ng	
36) 4-Chloro-3-methylphenol	8.48	107	375622	40.42	ng	96
37) 2-Methylnaphthalene	8.62	142	854878	46.64	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	320426	36.15	ng	97
40) Hexachlorocyclopentadiene	8.76	237	288401	75.46	ng	98

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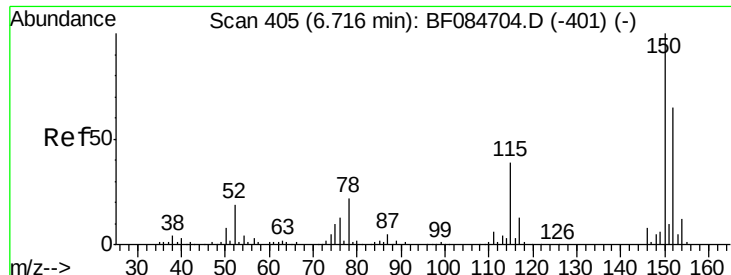
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	249725	43.73	ng	96
43) 2,4,5-Trichlorophenol	8.95	196	247759	42.70	ng #	90
45) 1,1'-Biphenyl	9.07	154	937758	37.62	ng	97
46) 2-Chloronaphthalene	9.10	162	687123	37.43	ng	95
47) 2-Nitroaniline	9.21	65	251947	43.34	ng #	65
48) Acenaphthylene	9.51	152	1100159	39.49	ng	98
49) Dimethylphthalate	9.39	163	871010	40.97	ng #	90
50) 2,6-Dinitrotoluene	9.45	165	175093	37.70	ng #	50
51) Acenaphthene	9.68	154	675161	37.25	ng	98
52) 3-Nitroaniline	9.62	138	120395	23.07	ng #	71
53) 2,4-Dinitrophenol	9.74	184	174963	81.51	ng	86
54) Dibenzofuran	9.86	168	1034369	46.69	ng	99
55) 4-Nitrophenol	9.80	139	236833	61.75	ng #	74
56) 2,4-Dinitrotoluene	9.86	165	257191	43.42	ng #	85
57) Fluorene	10.19	166	756601	40.90	ng	98
58) 2,3,4,6-Tetrachlorophenol	9.99	232	208468	47.20	ng #	87
59) Diethylphthalate	10.09	149	829891	39.98	ng	99
60) 4-Chlorophenyl-phenylether	10.19	204	351717	45.31	ng	95
61) 4-Nitroaniline	10.24	138	227734	44.79	ng	85
62) Azobenzene	10.35	77	897548	44.97	ng	91
64) 4,6-Dinitro-2-methylphenol	10.26	198	122705	36.28	ng #	51
65) n-Nitrosodiphenylamine	10.32	169	717470	41.23	ng	99
66) 4-Bromophenyl-phenylether	10.68	248	259188	42.82	ng	97
67) Hexachlorobenzene	10.74	284	252324	38.26	ng #	87
68) Atrazine	10.86	200	250883	45.66	ng	98
69) Pentachlorophenol	10.95	266	243838	78.68	ng	99
70) Phenanthrene	11.15	178	1174517	38.65	ng	98
71) Anthracene	11.21	178	1258817	41.10	ng	99
72) Carbazole	11.37	167	1156358	43.30	ng	98
73) Di-n-butylphthalate	11.70	149	1291842	38.00	ng #	97
74) Fluoranthene	12.33	202	1172459	38.12	ng	99
76) Benzidine	12.47	184	453060	33.48	ng	98
77) Pyrene	12.56	202	1149460	39.33	ng	100
79) Butylbenzylphthalate	13.20	149	556277	41.96	ng #	92
80) Benzo(a)anthracene	13.75	228	962752	40.64	ng	99
81) 3,3'-Dichlorobenzidine	13.71	252	119219	14.21	ng #	92
82) Chrysene	13.78	228	780151	33.96	ng	100
83) Bis(2-ethylhexyl)phthalate	13.76	149	635235	38.50	ng	98
84) Di-n-octyl phthalate	14.38	149	981906	36.07	ng #	91
85) Indeno(1,2,3-cd)pyrene	16.37	276	730131	40.38	ng	99
87) Benzo(b)fluoranthene	14.75	252	809734m	43.64	ng	
88) Benzo(k)fluoranthene	14.78	252	605773m	39.49	ng	
89) Benzo(a)pyrene	15.06	252	647004	40.92	ng #	96
90) Dibenzo(a,h)anthracene	16.38	278	613033	46.06	ng	98
91) Benzo(g,h,i)perylene	16.74	276	637587	47.56	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.02 min

Lab File: BF085012.D

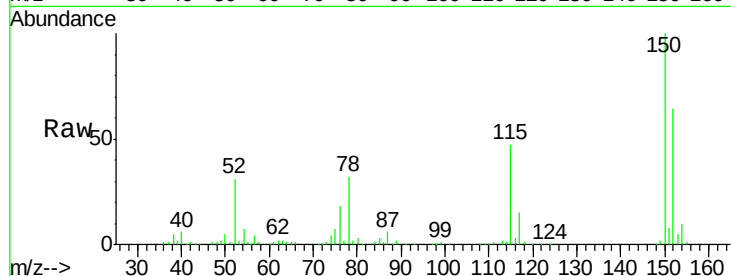
Acq: 11 Feb 2016 12:05

Instrument :

BNA_F

ClientSampleId :

PB88297BS



Tgt Ion: 152 Resp: 143003

Ion Ratio Lower Upper

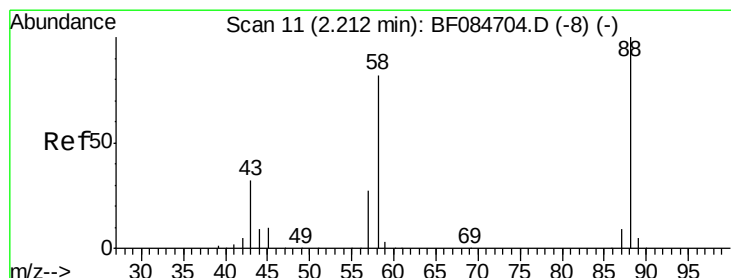
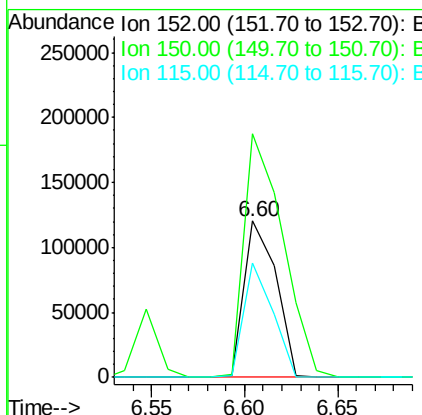
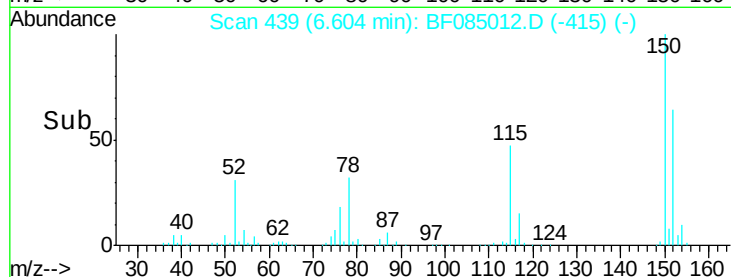
152 100

150 156.0 123.0 184.4

115 73.3 51.4 77.2

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#2

1,4-Dioxane

Concen: 33.74 ng

RT: 2.15 min Scan# 49

Delta R.T. 0.07 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

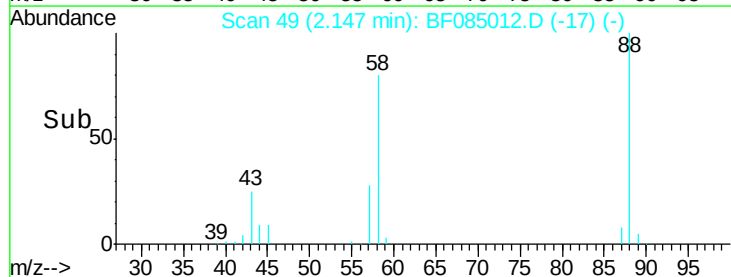
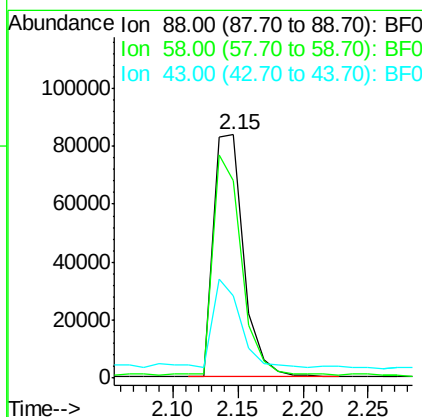
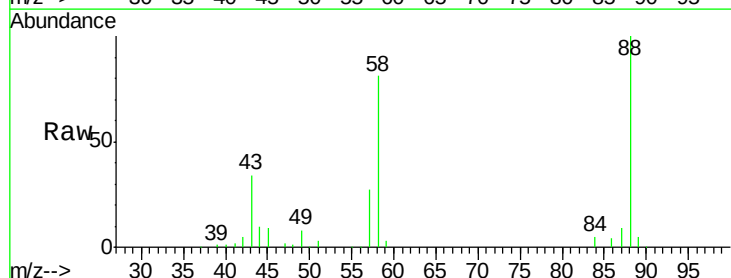
Tgt Ion: 88 Resp: 135698

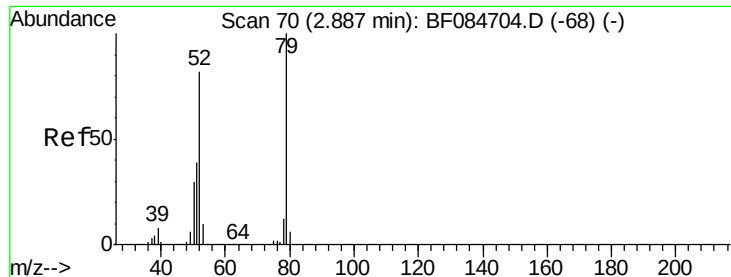
Ion Ratio Lower Upper

88 100

58 87.1 51.2 76.8#

43 32.8 19.5 29.3#





#3

Pyridine

Concen: 37.29 ng

RT: 2.78 min Scan# 104

Delta R.T. 0.06 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

Instrument :

BNA_F

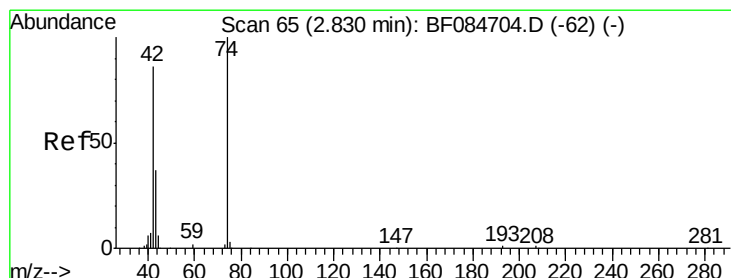
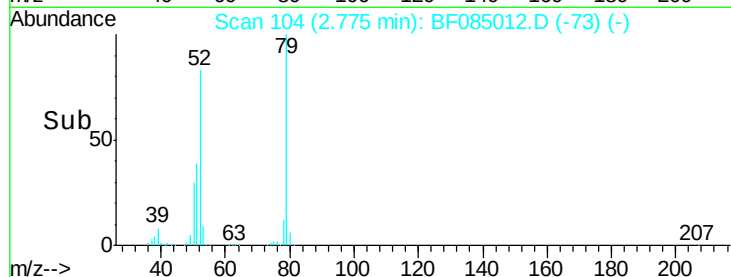
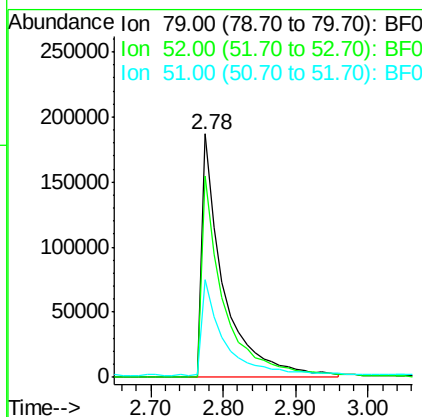
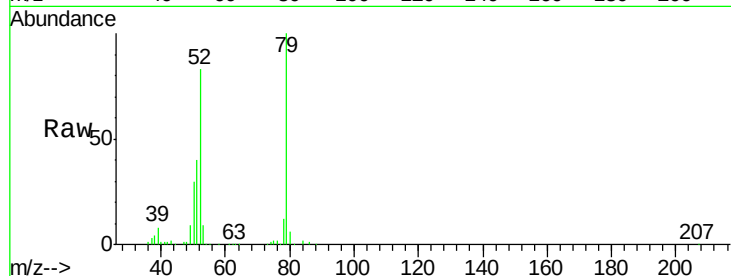
ClientSampleId :

PB88297BS

Tgt Ion:	79	Resp:	390739
Ion Ratio	Lower	Upper	
79	100		
52	82.6	49.0	73.4#
51	40.0	25.2	37.8#

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#4

n-Nitrosodimethylamine

Concen: 38.56 ng

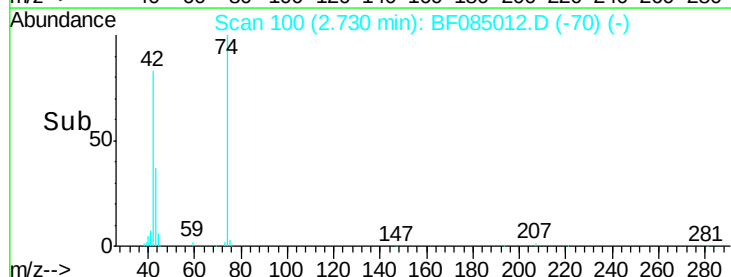
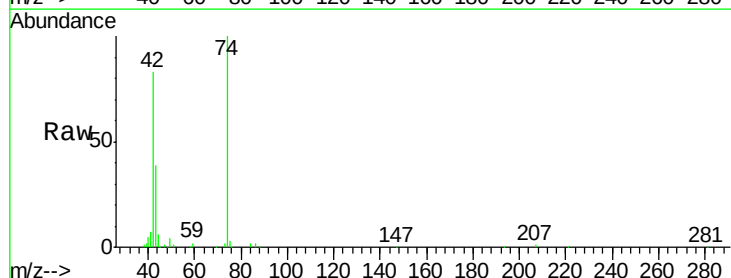
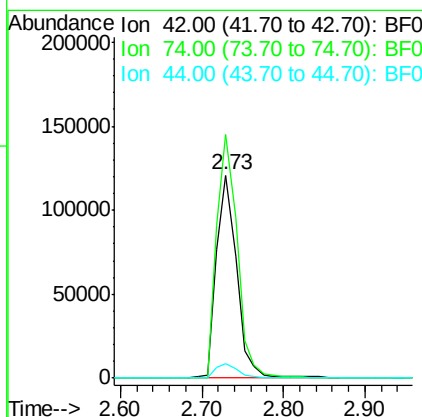
RT: 2.73 min Scan# 100

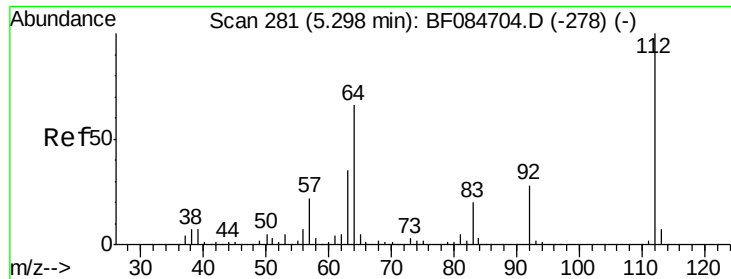
Delta R.T. 0.05 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

Tgt Ion:	42	Resp:	208946
Ion Ratio	Lower	Upper	
42	100		
74	119.8	115.7	173.5
44	7.2	5.1	7.7





#5

2-Fluorophenol

Concen: 124.32 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.01 min

Lab File: BF085012.D

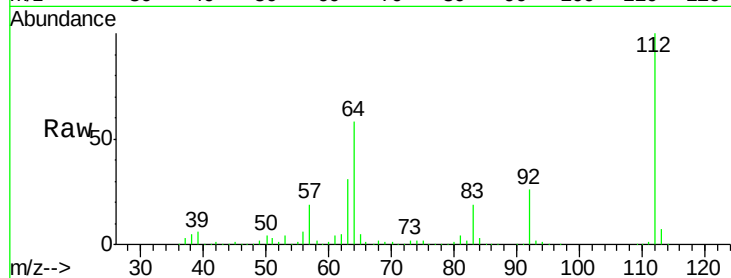
Acq: 11 Feb 2016 12:05

Instrument :

BNA_F

ClientSampleId :

PB88297BS



Tgt Ion: 112 Resp: 1141378

Ion Ratio Lower Upper

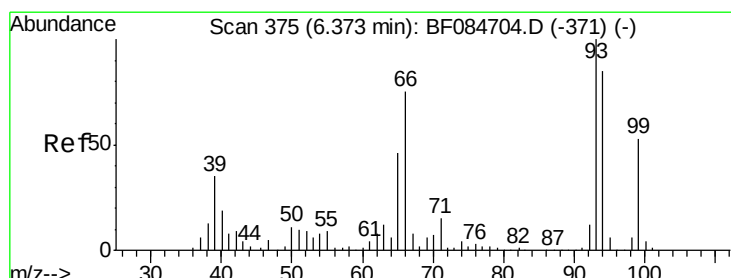
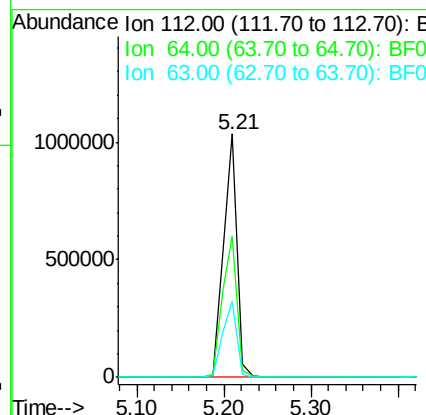
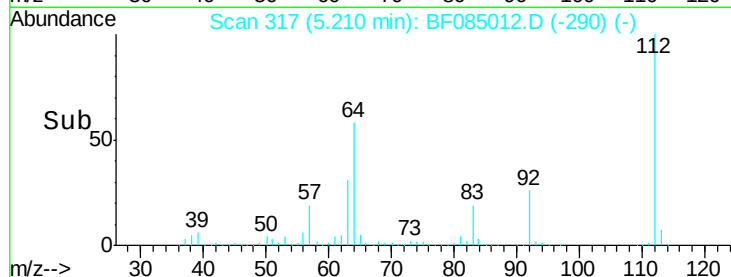
112 100

64 58.2 36.6 55.0#

63 31.0 19.4 29.0#

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#6

Aniline

Concen: 23.46 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.02 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

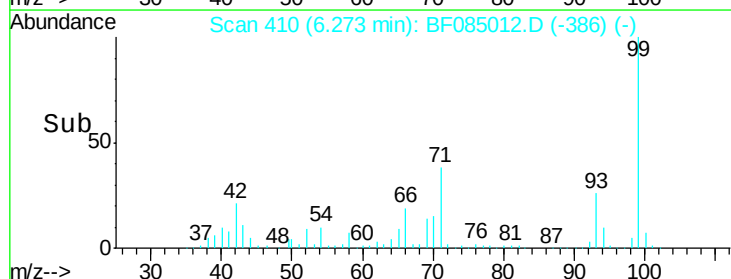
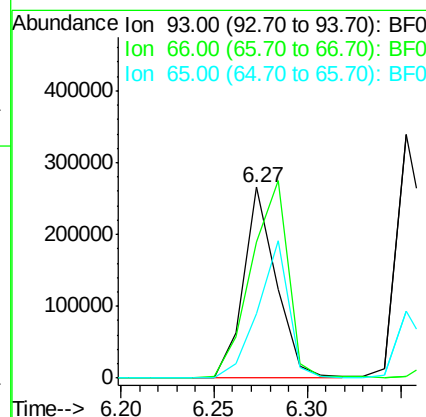
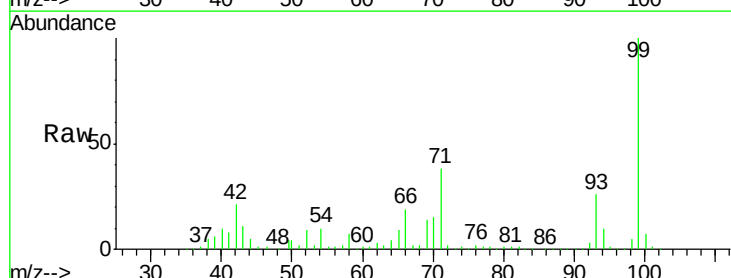
Tgt Ion: 93 Resp: 326696

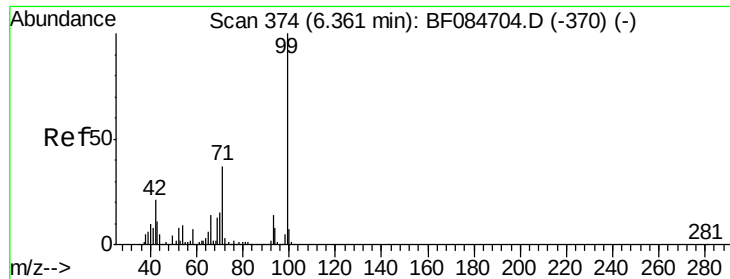
Ion Ratio Lower Upper

93 100

66 71.1 44.9 67.3#

65 33.5 23.7 35.5





#7

Phenol-d6

Concen: 109.43 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

Instrument :

BNA_F

ClientSampled :

PB88297BS

Tgt Ion: 99 Resp: 1245529

Ion Ratio Lower Upper

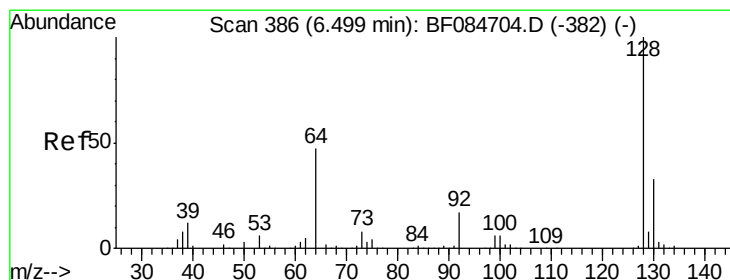
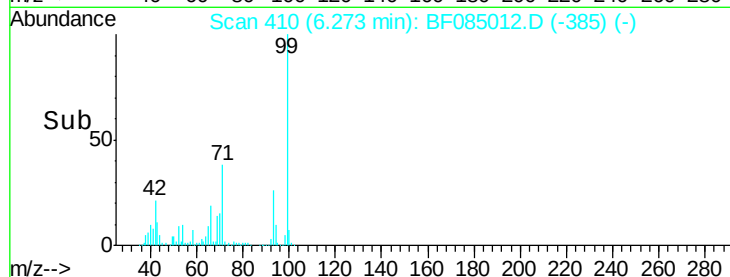
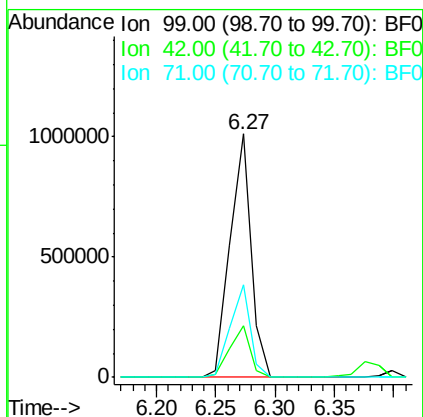
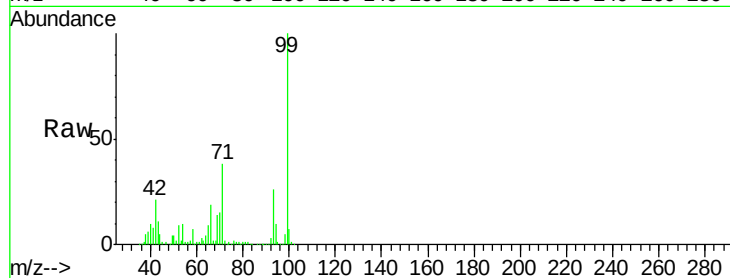
99 100

42 21.0 12.8 19.2#

71 37.8 30.9 46.3

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#8

2-Chlorophenol

Concen: 42.54 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

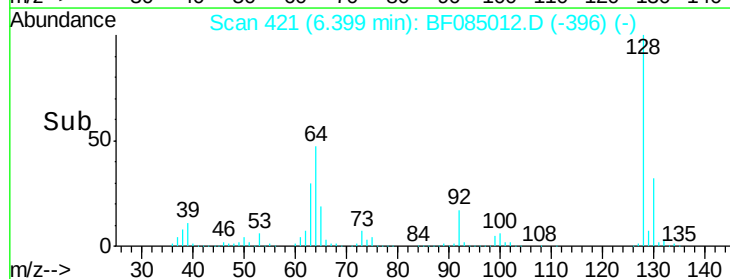
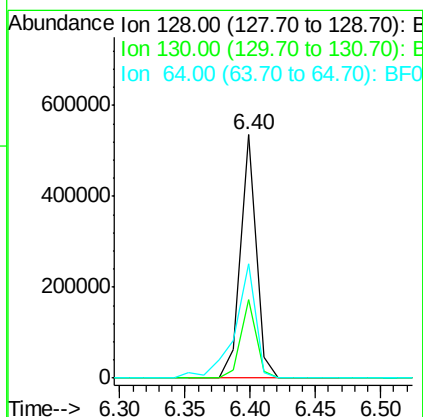
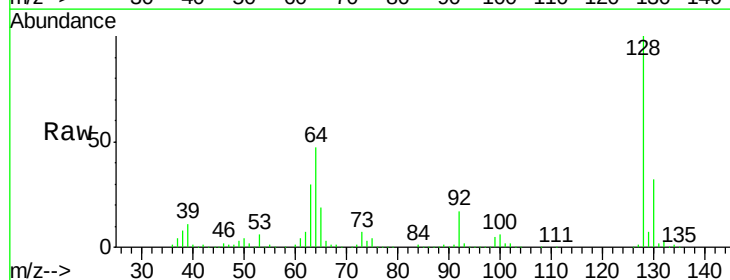
Tgt Ion: 128 Resp: 442100

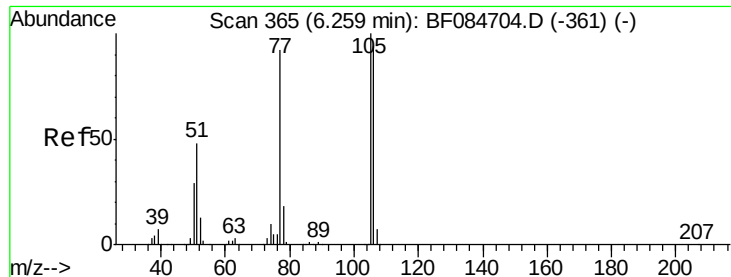
Ion Ratio Lower Upper

128 100

130 32.5 11.6 51.6

64 47.1 23.8 63.8





#9

Benzaldehyde

Concen: 15.58 ng

RT: 6.15 min Scan# 399

Delta R.T. -0.02 min

Lab File: BF085012.D

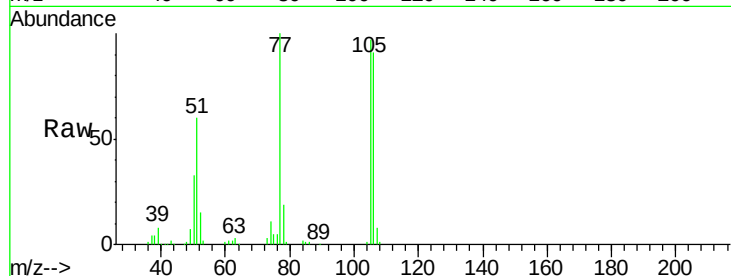
Acq: 11 Feb 2016 12:05

Instrument :

BNA_F

ClientSampled :

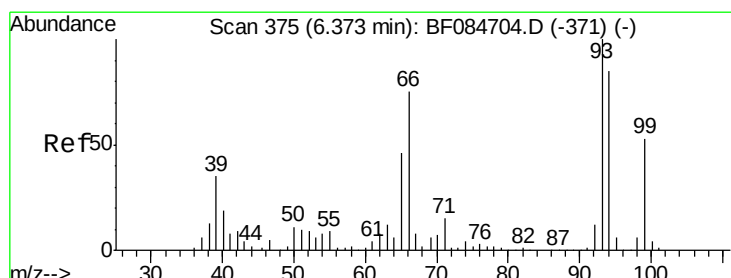
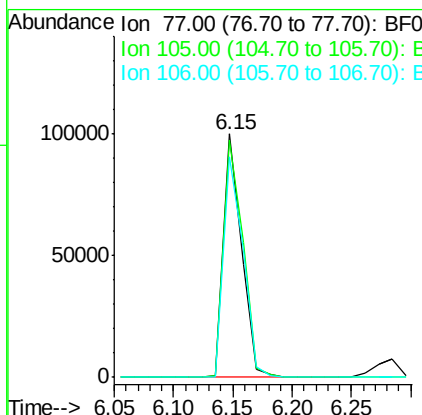
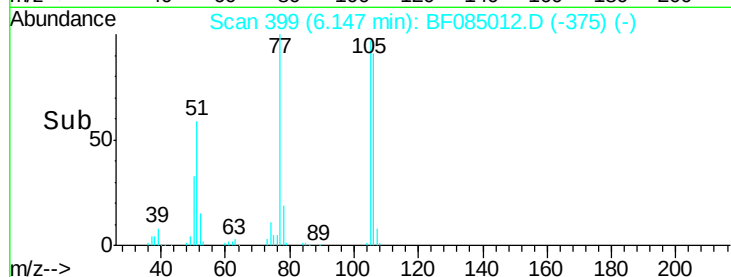
PB88297BS



Tgt Ion:	77	Resp:	104691
Ion Ratio	Lower	Upper	
77	100		
105	97.4	83.0	123.0
106	90.6	74.6	114.6

Manual Integrations
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#10

Phenol

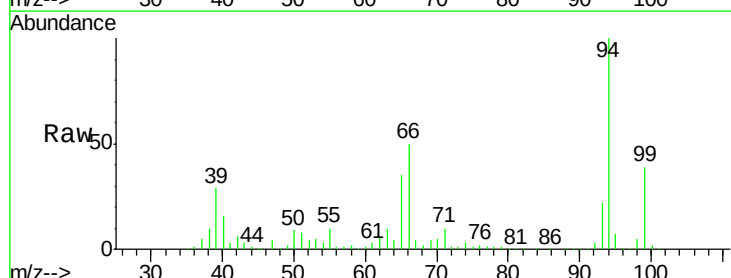
Concen: 38.56 ng

RT: 6.28 min Scan# 411

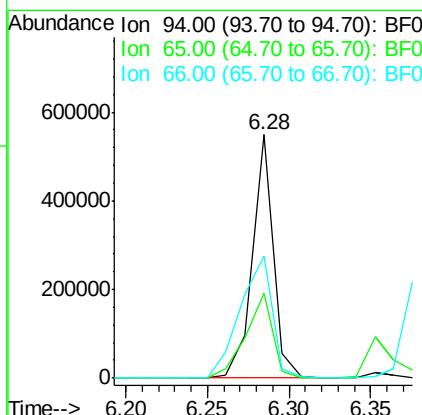
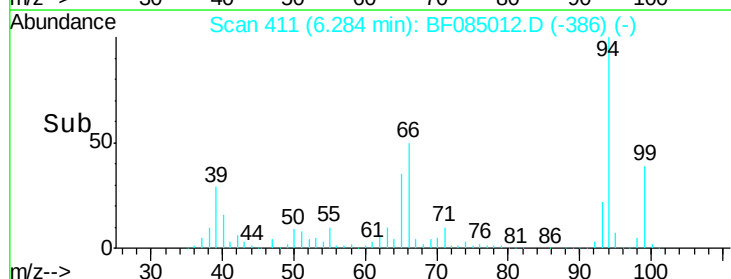
Delta R.T. -0.01 min

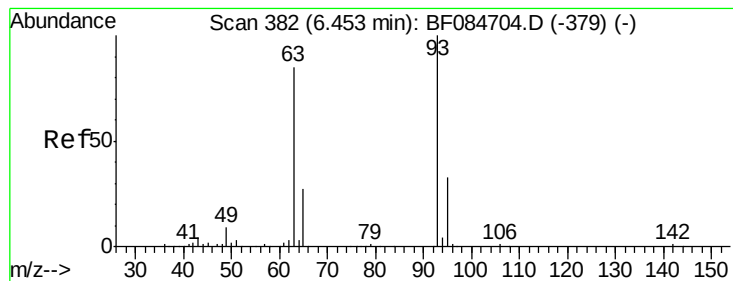
Lab File: BF085012.D

Acq: 11 Feb 2016 12:05



Tgt Ion:	94	Resp:	491653
Ion Ratio	Lower	Upper	
94	100		
65	34.9	12.9	52.9
66	50.2	32.7	72.7





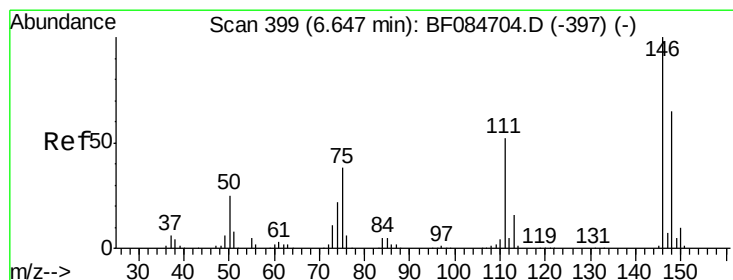
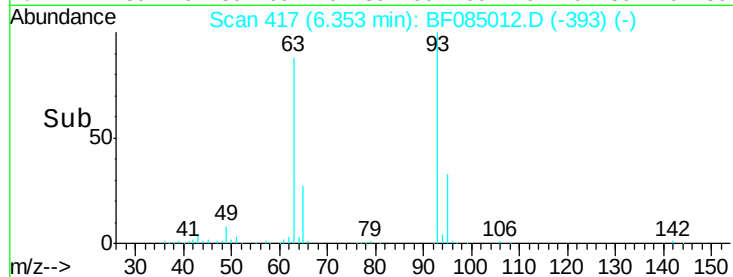
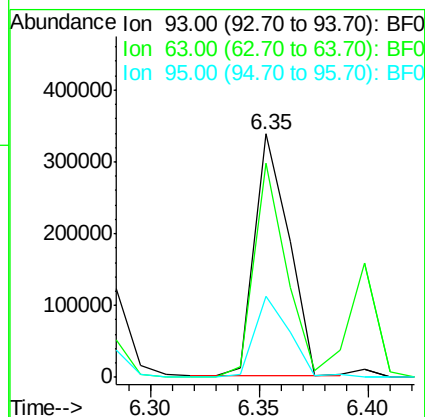
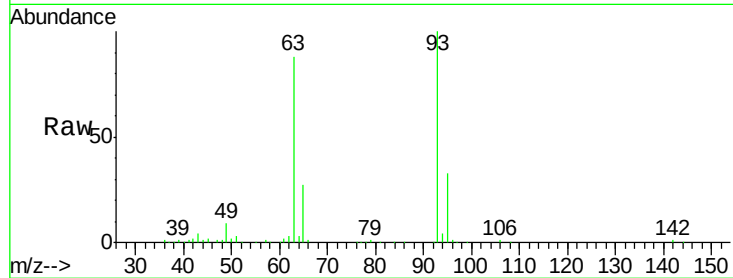
#11
bis(2-Chloroethyl)ether
Concen: 37.17 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.02 min
Lab File: BF085012.D
Acq: 11 Feb 2016 12:05

Instrument :
BNA_F
ClientSampleId :
PB88297BS

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
63	88.2	45.9	85.9#
95	33.2	12.3	52.3

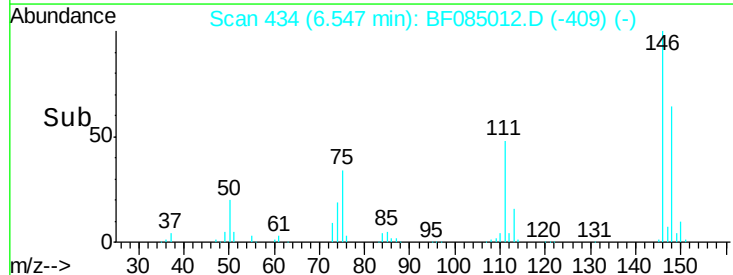
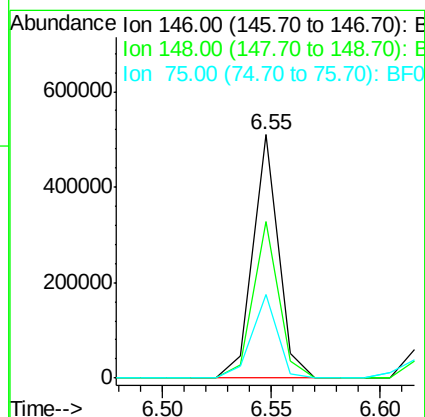
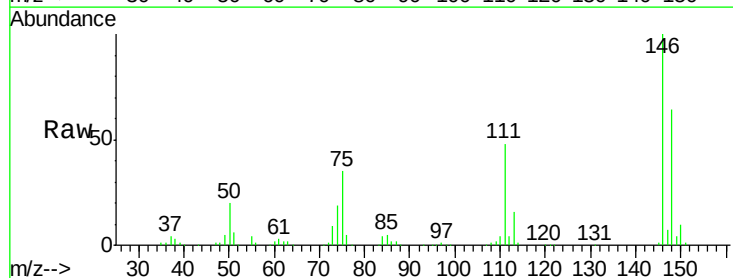
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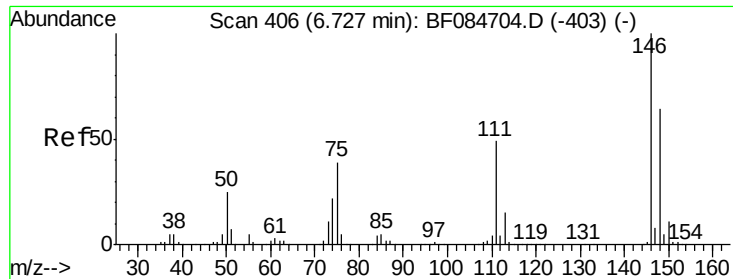
Sohil
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#12
1,3-Dichlorobenzene
Concen: 38.07 ng
RT: 6.55 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF085012.D
Acq: 11 Feb 2016 12:05

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	64.3	51.9	77.9
75	34.5	20.5	30.7#





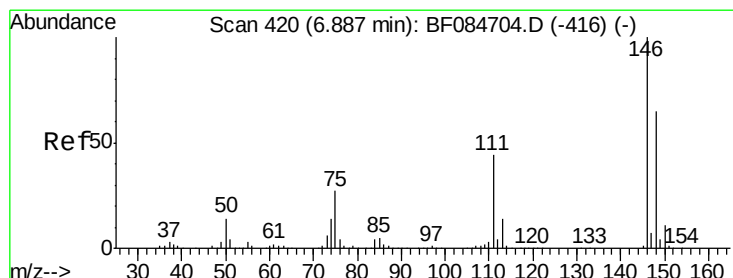
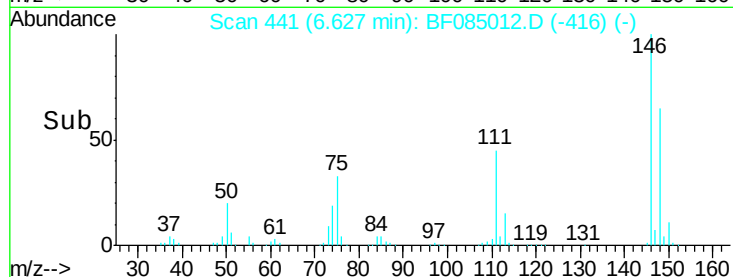
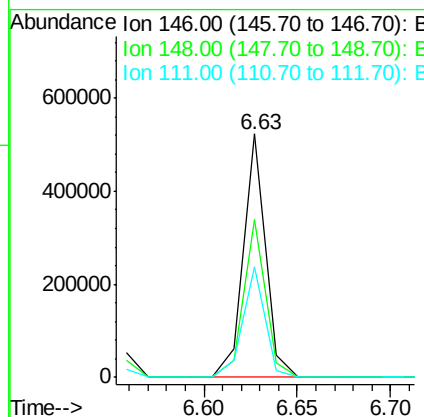
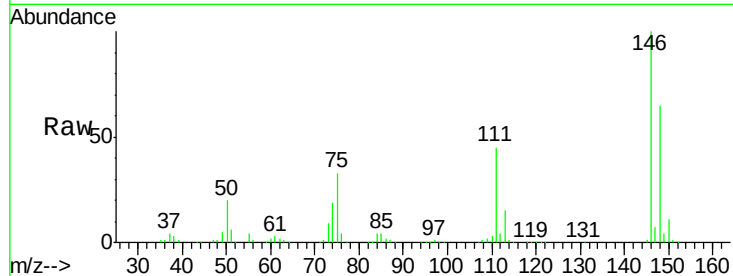
#13
 1,4-Dichlorobenzene
 Concen: 39.41 ng
 RT: 6.63 min Scan# 441
 Delta R.T. -0.01 min
 Lab File: BF085012.D
 Acq: 11 Feb 2016 12:05

Instrument :
 BNA_F
 ClientSampleId :
 PB88297BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	432567		
148	64.9	51.9	77.9	
111	45.4	41.6	62.4	

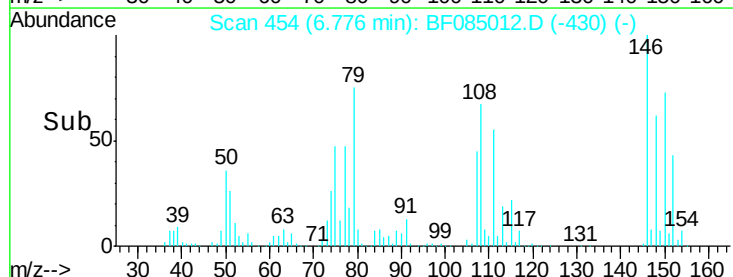
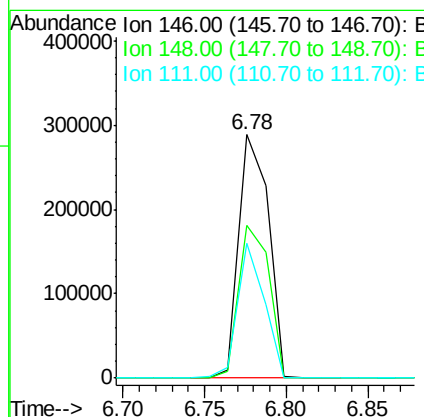
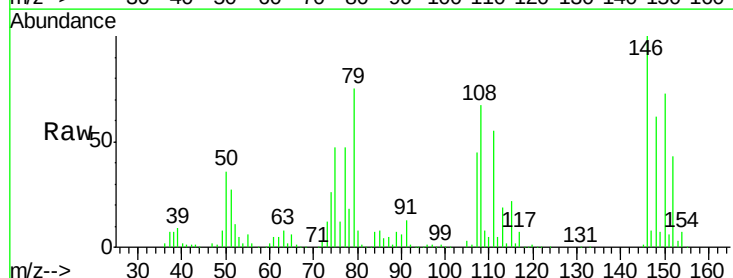
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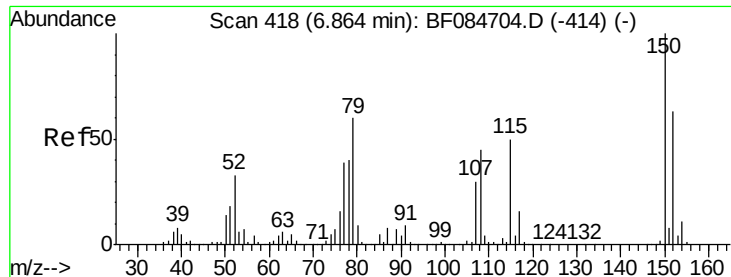
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#14
 1,2-Dichlorobenzene
 Concen: 35.50 ng
 RT: 6.78 min Scan# 454
 Delta R.T. -0.02 min
 Lab File: BF085012.D
 Acq: 11 Feb 2016 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	362935		
148	62.5	51.6	77.4	
111	55.5	38.0	57.0	





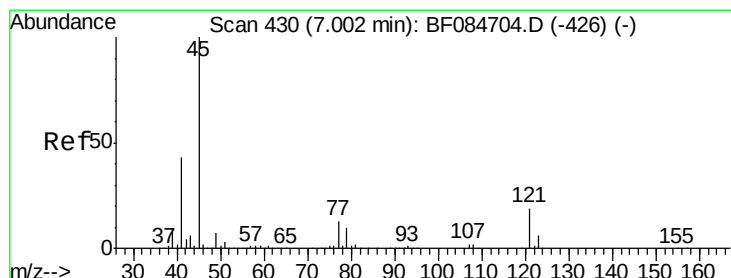
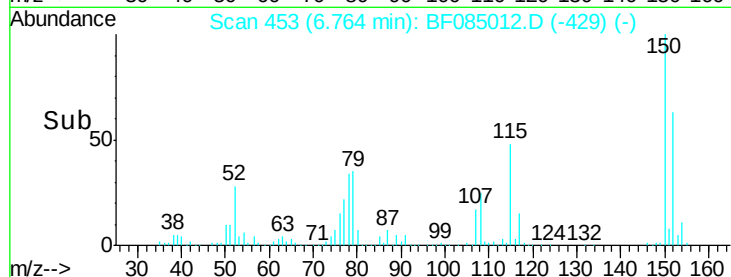
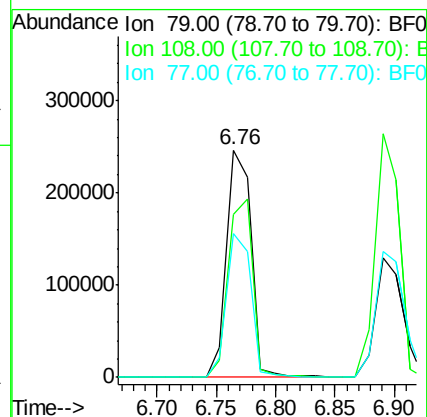
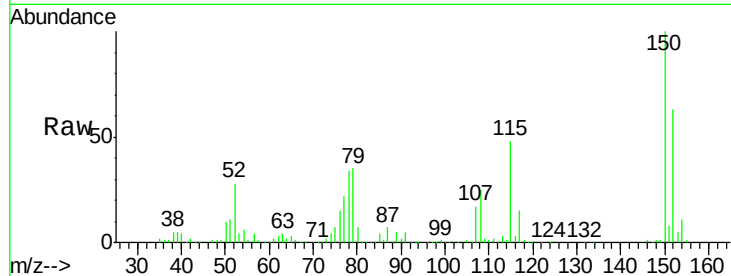
#15
Benzyl Alcohol
Concen: 45.12 ng
RT: 6.76 min Scan# 453
Delta R.T. -0.02 min
Lab File: BF085012.D
Acq: 11 Feb 2016 12:05

Instrument :
BNA_F
ClientSampled :
PB88297BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
79	100		
108	71.4	69.0	103.4
77	63.0	50.0	75.0

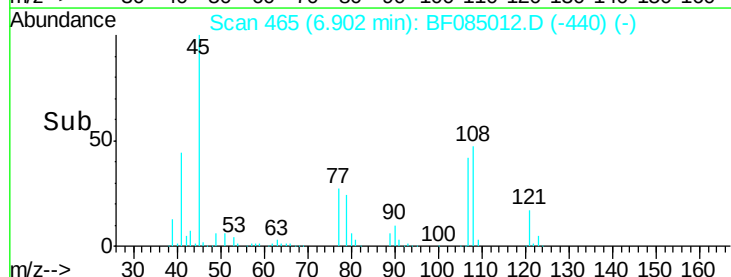
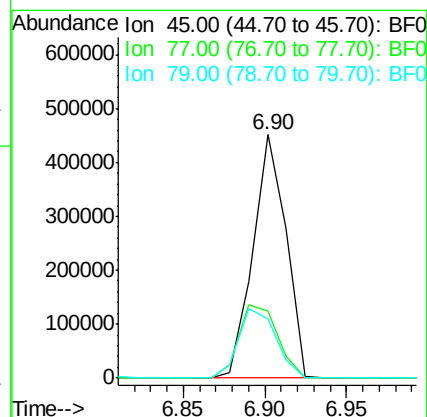
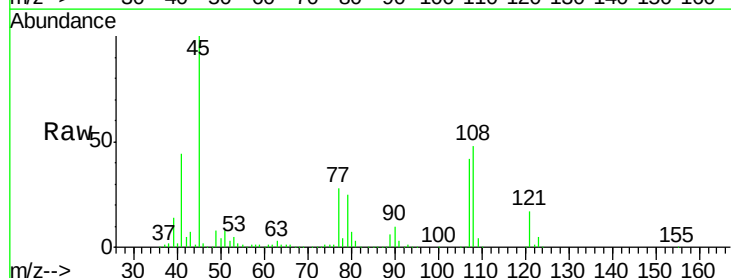
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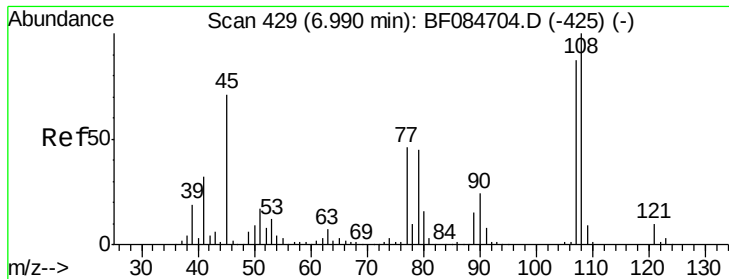
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.79 ng
RT: 6.90 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF085012.D
Acq: 11 Feb 2016 12:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
45	100		
77	27.6	0.0	39.6
79	24.6	0.0	35.0





#17

2-Methylphenol

Concen: 39.30 ng

RT: 6.89 min Scan# 464

Delta R.T. -0.02 min

Lab File: BF085012.D

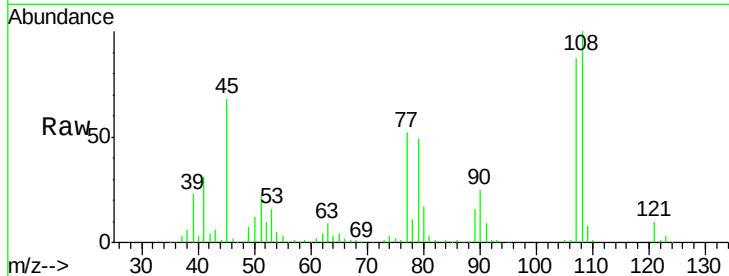
Acq: 11 Feb 2016 12:05

Instrument :

BNA_F

ClientSampleID :

PB88297BS



Tgt Ion:107 Resp: 323035

Ion Ratio Lower Upper

107 100

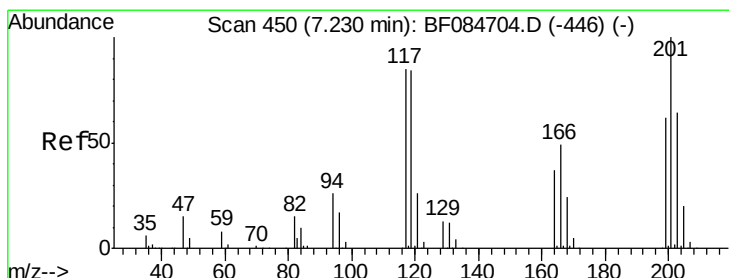
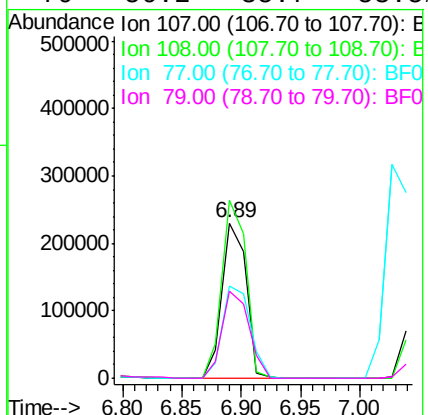
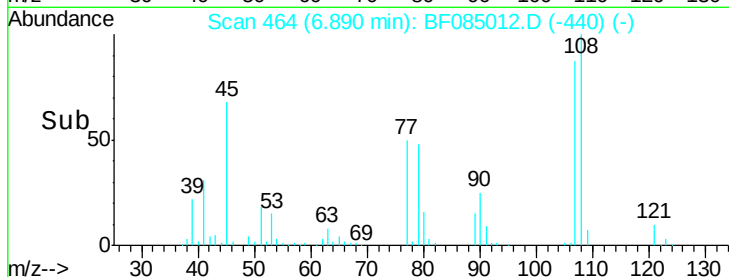
108 114.7 89.8 134.6

77 59.3 35.7 53.5#

79 56.2 35.7 53.5#

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#18

Hexachloroethane

Concen: 38.53 ng

RT: 7.12 min Scan# 484

Delta R.T. -0.01 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

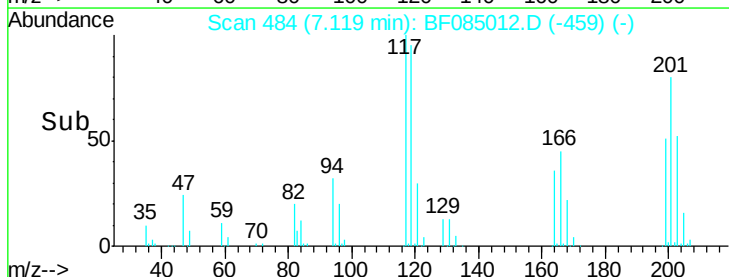
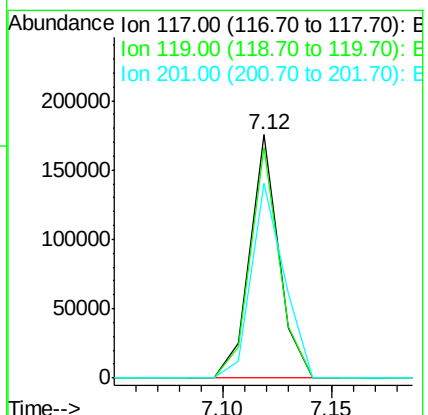
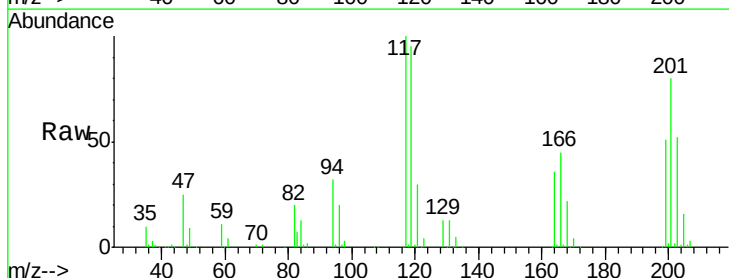
Tgt Ion:117 Resp: 162855

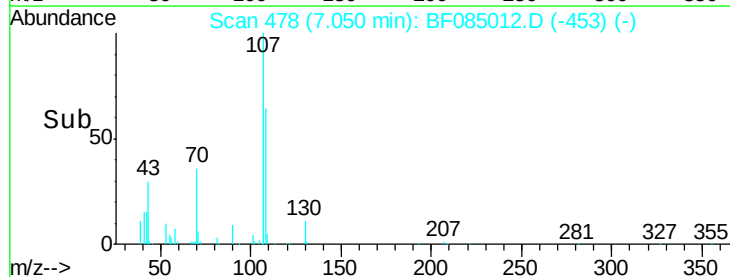
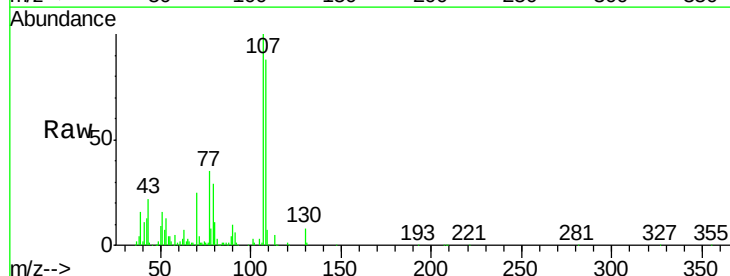
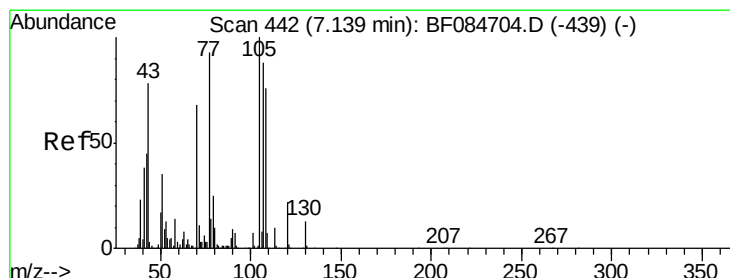
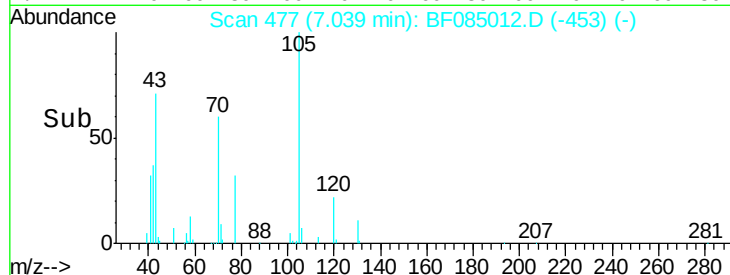
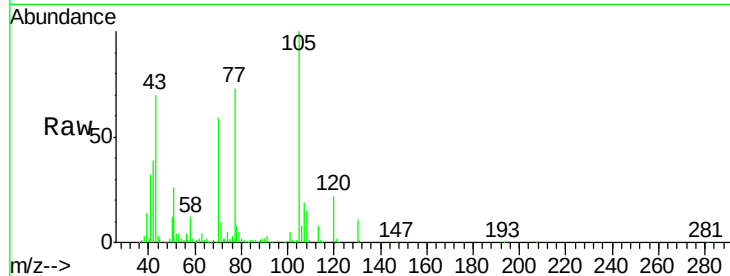
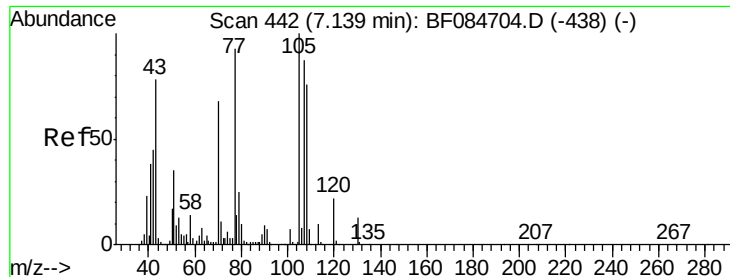
Ion Ratio Lower Upper

117 100

119 94.7 77.4 116.0

201 80.2 68.6 103.0





#19

n-Nitroso-di-n-propylamine

Concen: 39.87 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.02 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

Instrument :

BNA_F

ClientSampleId :

PB88297BS

Tgt Ion: 70 Resp: 284452
Ion Ratio Lower Upper

70 100

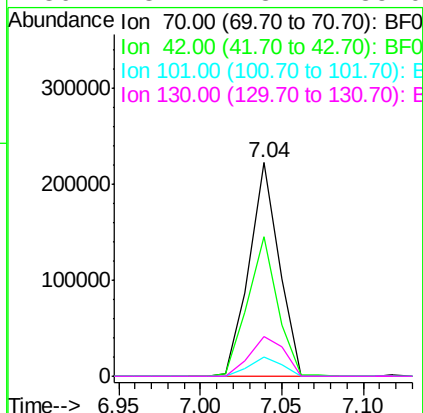
42 65.4 33.3 49.9#

101 8.8 9.3 13.9#

130 18.7 23.4 35.0#

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#20

3+4-Methylphenols

Concen: 42.56 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

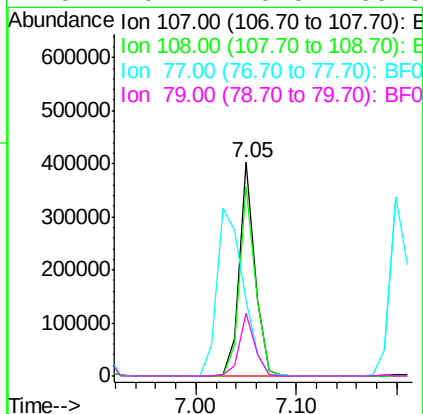
Tgt Ion: 107 Resp: 434133
Ion Ratio Lower Upper

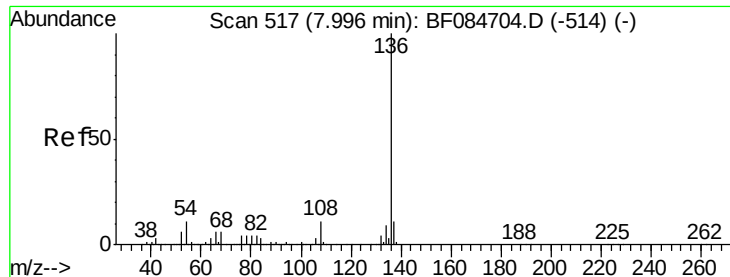
107 100

108 88.4 74.6 114.6

77 35.3 0.7 40.7

79 29.2 0.0 39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.02 min

Lab File: BF085012.D

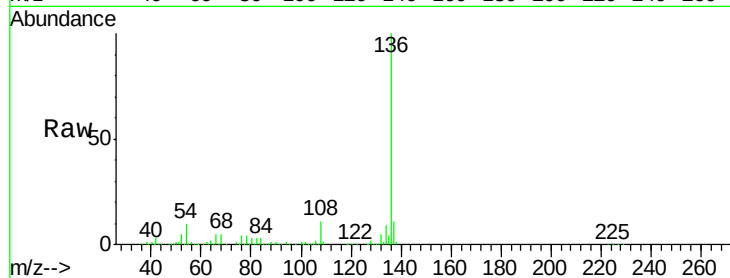
Acq: 11 Feb 2016 12:05

Instrument :

BNA_F

ClientSampleId :

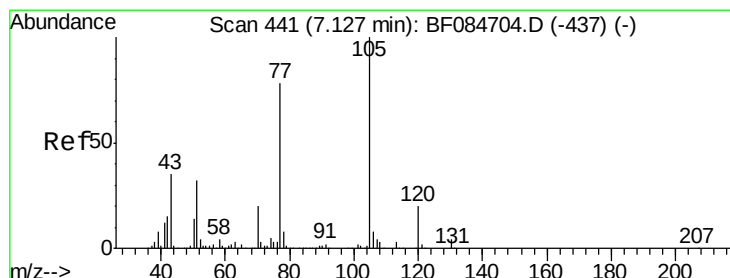
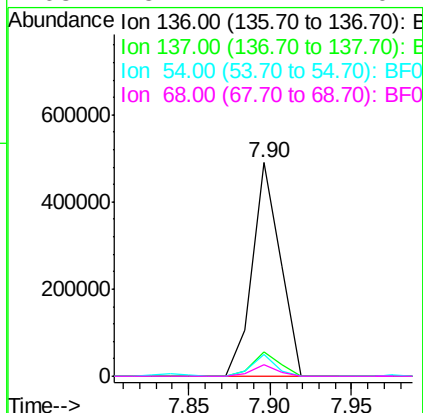
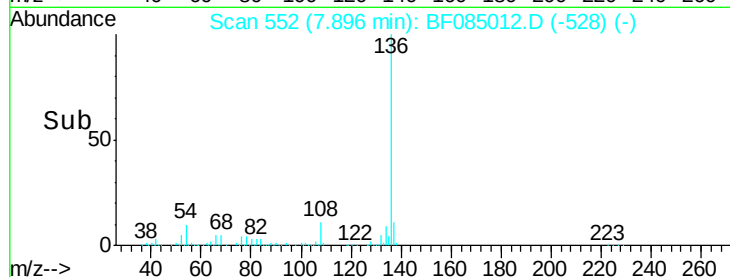
PB88297BS



Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	11.3	8.7	13.1
54	9.9	5.8	8.8#
68	5.2	4.2	6.2

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#22

Acetophenone

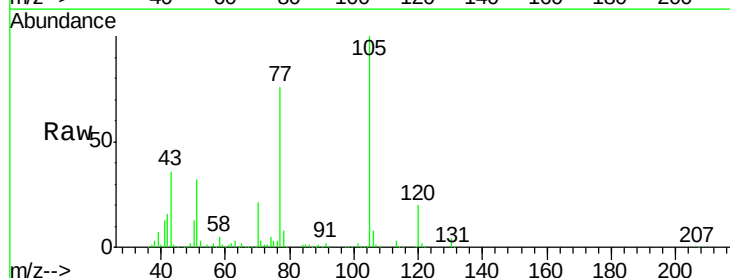
Concen: 39.04 ng

RT: 7.03 min Scan# 476

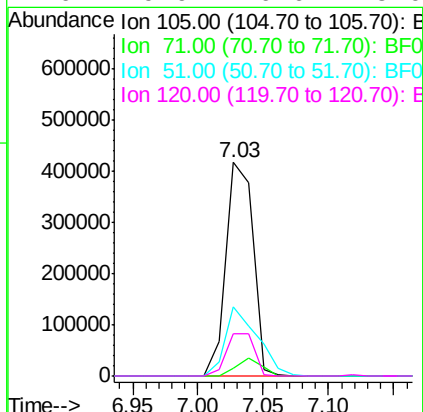
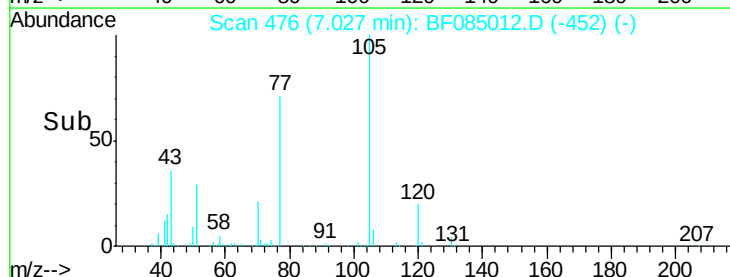
Delta R.T. -0.02 min

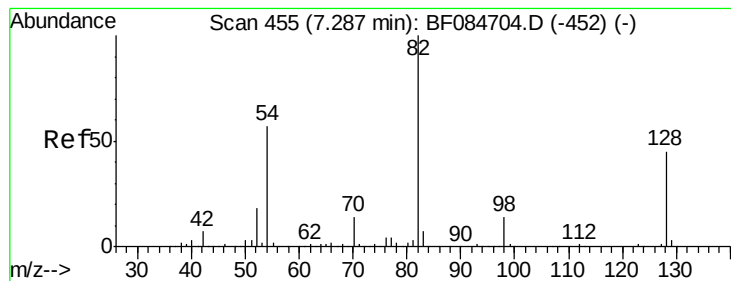
Lab File: BF085012.D

Acq: 11 Feb 2016 12:05



Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	3.5	3.7	5.5#
51	32.3	25.1	37.7
120	19.9	16.6	25.0





#23

Nitrobenzene-d5

Concen: 84.90 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF085012.D

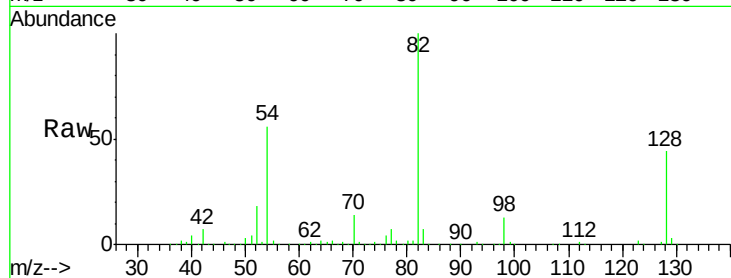
Acq: 11 Feb 2016 12:05

Instrument :

BNA_F

ClientSampleId :

PB88297BS



Tgt Ion: 82 Resp: 879843

Ion Ratio Lower Upper

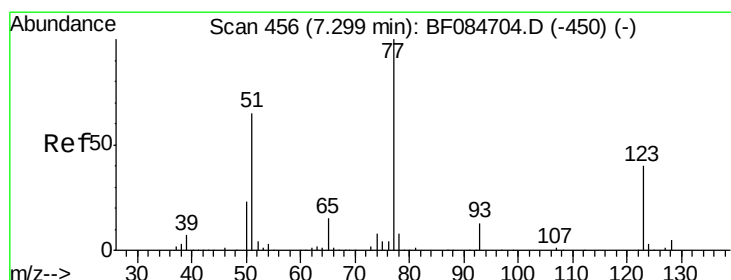
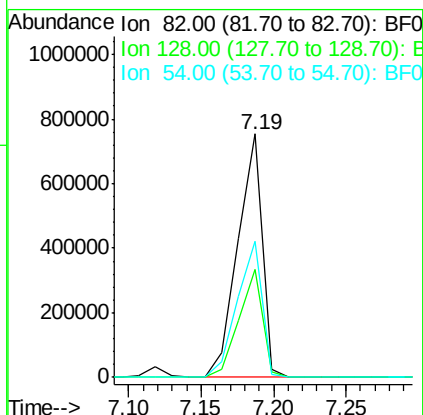
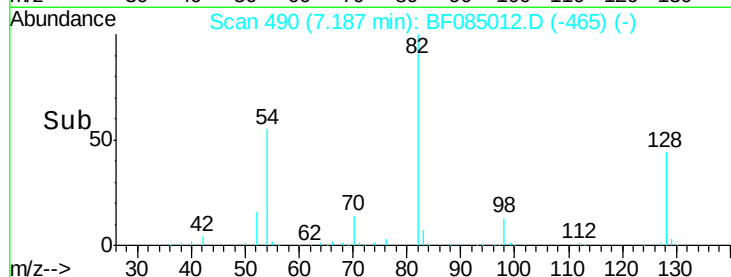
82 100

128 44.3 34.6 51.8

54 55.9 38.4 57.6

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#24

Nitrobenzene

Concen: 37.33 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.02 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

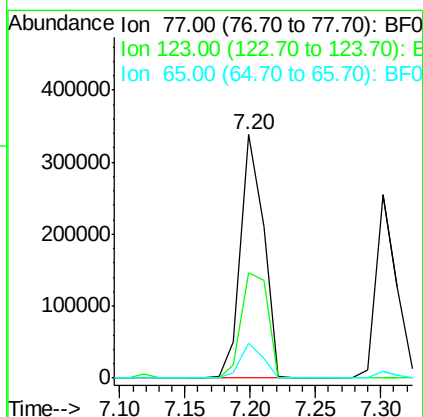
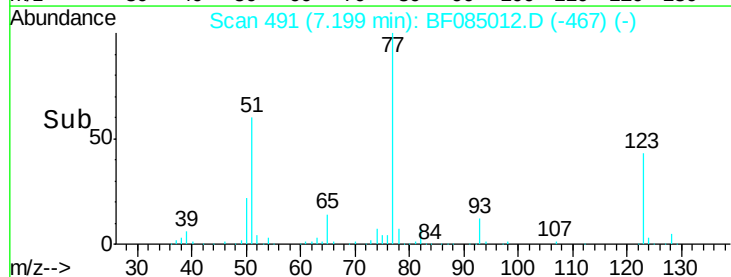
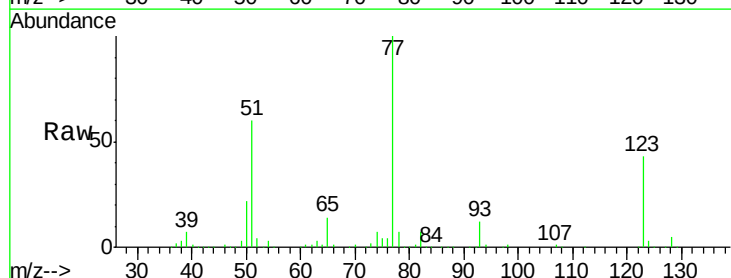
Tgt Ion: 77 Resp: 414260

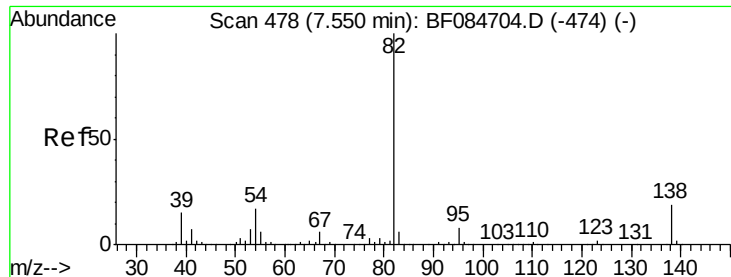
Ion Ratio Lower Upper

77 100

123 43.0 37.4 56.2

65 14.4 10.9 16.3





#25

Isophorone

Concen: 39.68 ng

RT: 7.45 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

Instrument :

BNA_F

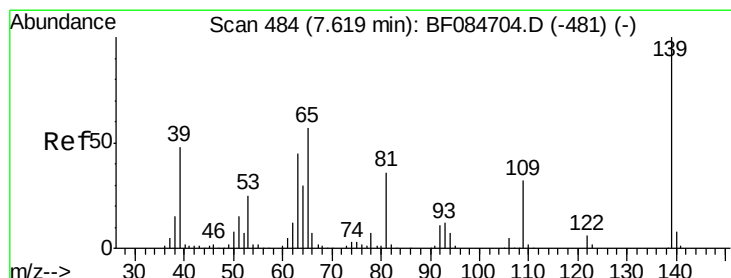
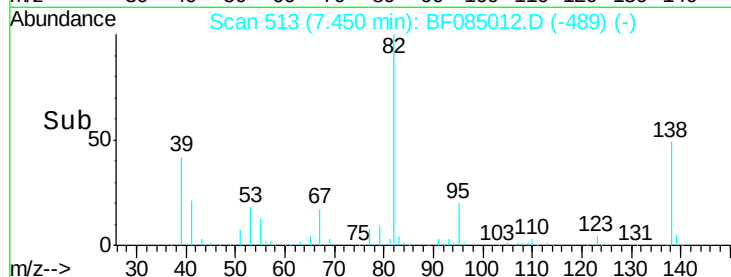
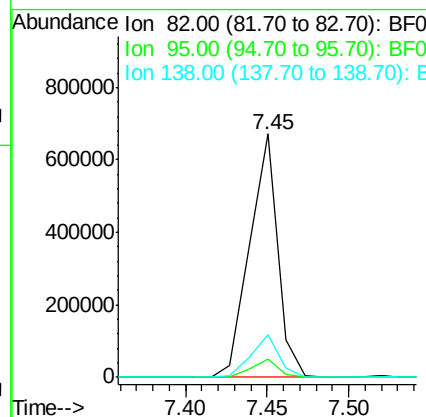
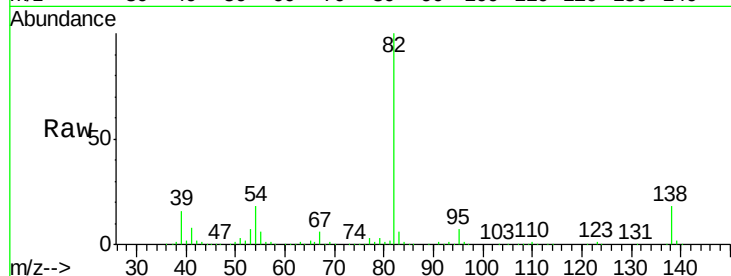
ClientSampleId :

PB88297BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	799606		
95	7.4	6.6	10.0	
138	17.7	13.6	20.4	

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#26

2-Nitrophenol

Concen: 39.66 ng

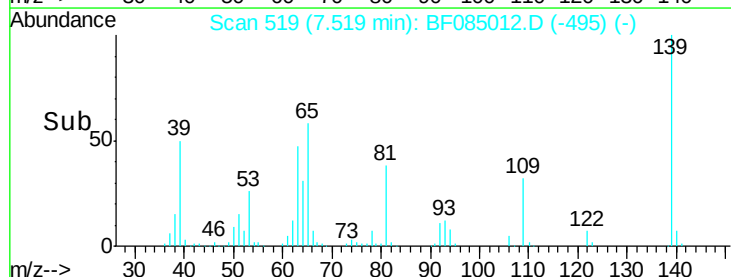
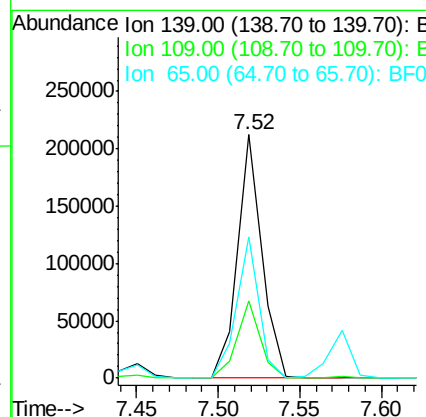
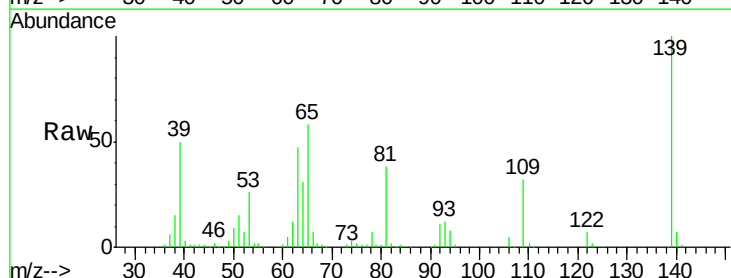
RT: 7.52 min Scan# 519

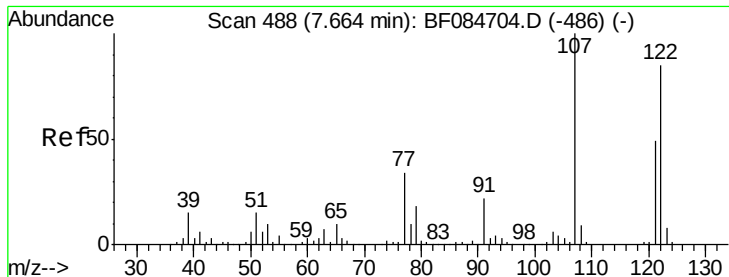
Delta R.T. -0.02 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	217093		
109	31.6	25.4	38.2	
65	57.8	32.3	48.5	





#27

2,4-Dimethylphenol

Concen: 40.64 ng

RT: 7.58 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

Instrument :

BNA_F

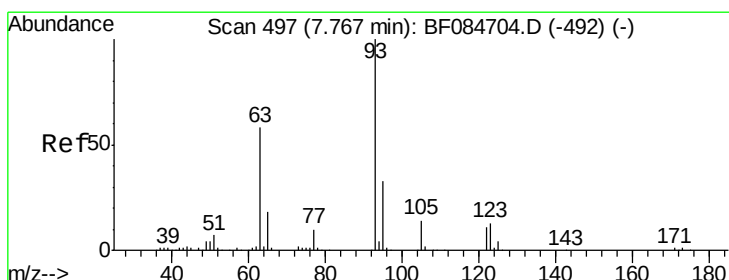
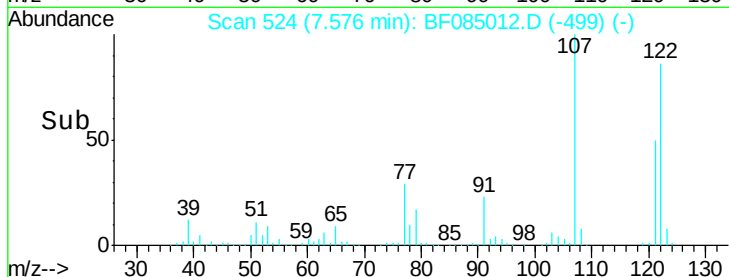
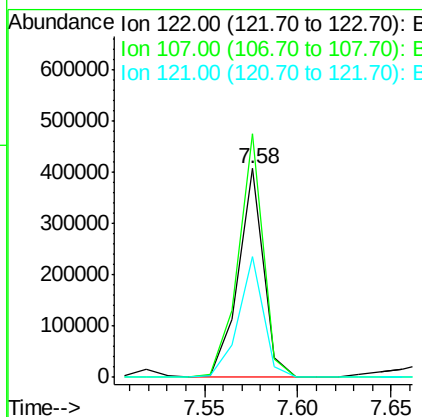
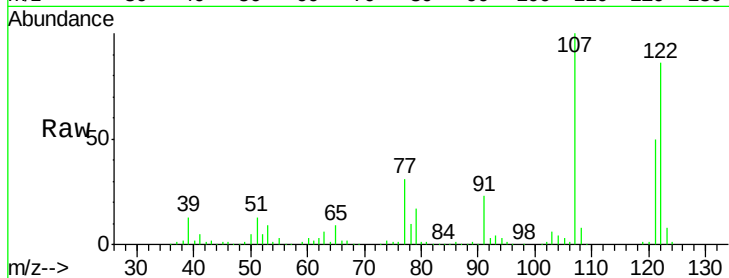
ClientSampleId :

PB88297BS

Tgt Ion:	122	Resp:	386966
Ion Ratio	Lower	Upper	
122	100		
107	116.7	99.1	148.7
121	57.9	47.9	71.9

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#28

bis(2-Chloroethoxy)methane

Concen: 44.38 ng

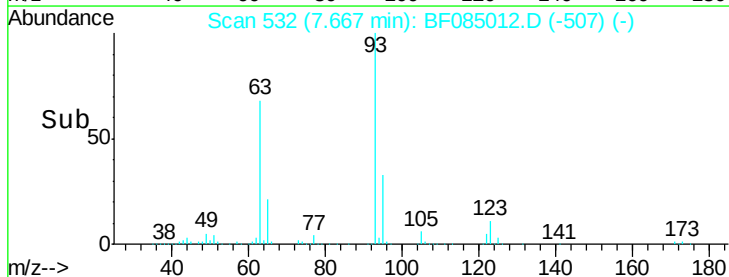
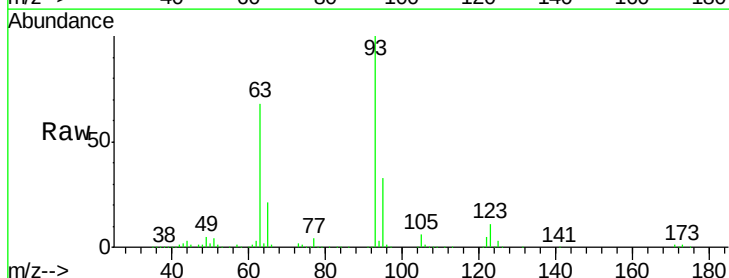
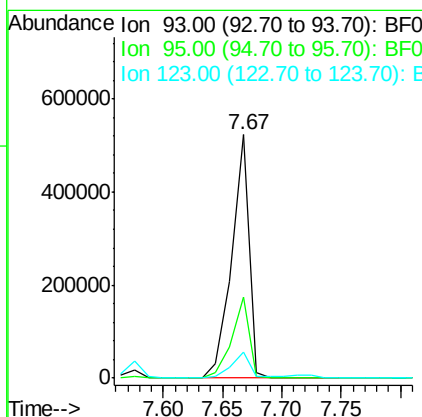
RT: 7.67 min Scan# 532

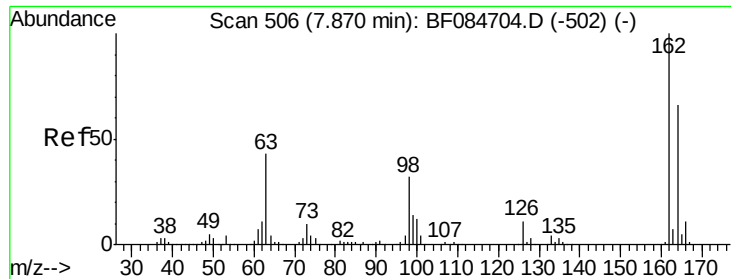
Delta R.T. -0.01 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

Tgt Ion:	93	Resp:	530554
Ion Ratio	Lower	Upper	
93	100		
95	33.0	25.8	38.6
123	10.8	8.6	12.8





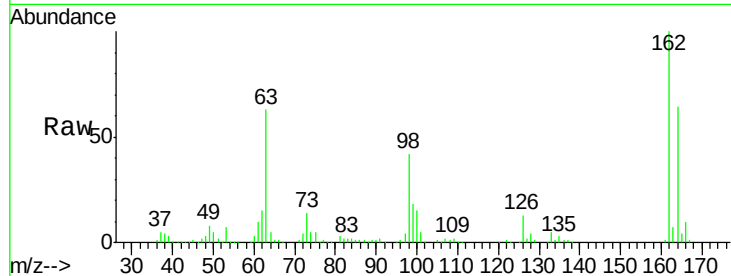
#29
 2,4-Dichlorophenol
 Concen: 43.59 ng
 RT: 7.77 min Scan# 541
 Delta R.T. -0.01 min
 Lab File: BF085012.D
 Acq: 11 Feb 2016 12:05

Instrument :
 BNA_F
 ClientSampleId :
 PB88297BS

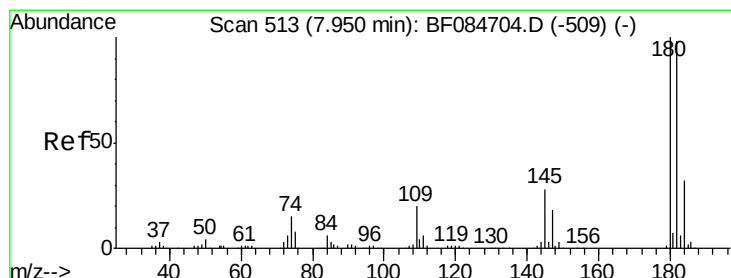
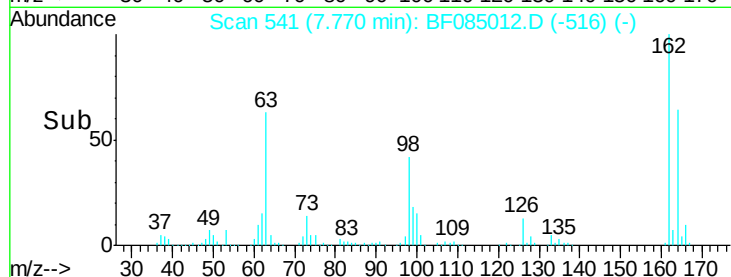
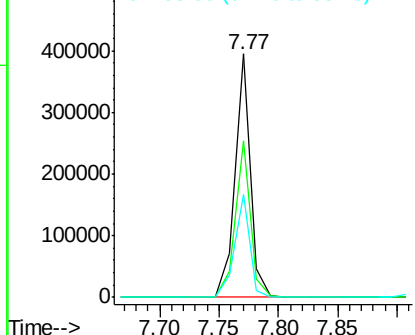
Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.5	44.1	84.1
98	42.0	20.2	60.2

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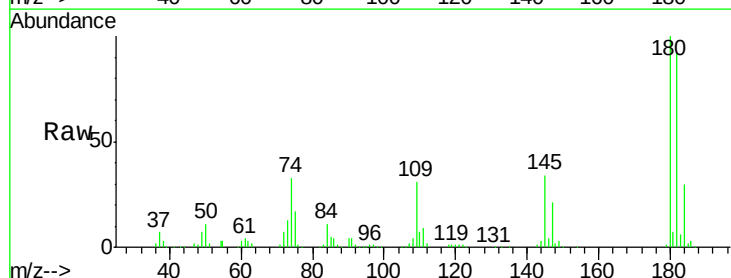


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

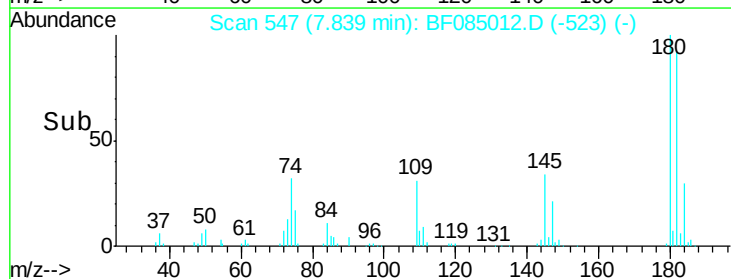
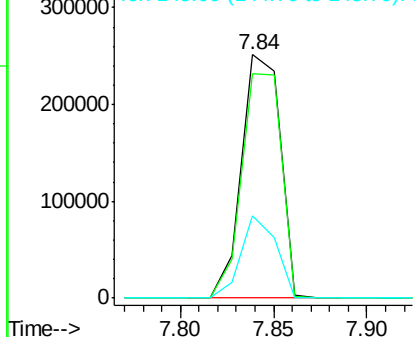


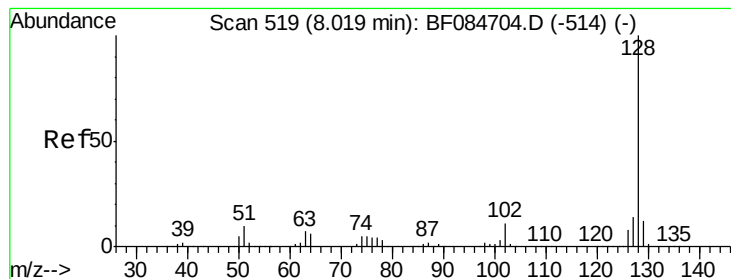
#30
 1,2,4-Trichlorobenzene
 Concen: 39.66 ng
 RT: 7.84 min Scan# 547
 Delta R.T. -0.02 min
 Lab File: BF085012.D
 Acq: 11 Feb 2016 12:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	92.2	76.4	114.6
145	33.8	31.6	47.4



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: 38.21 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.02 min

Lab File: BF085012.D

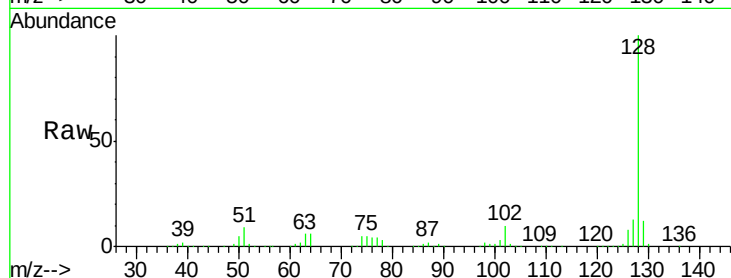
Acq: 11 Feb 2016 12:05

Instrument :

BNA_F

ClientSampleId :

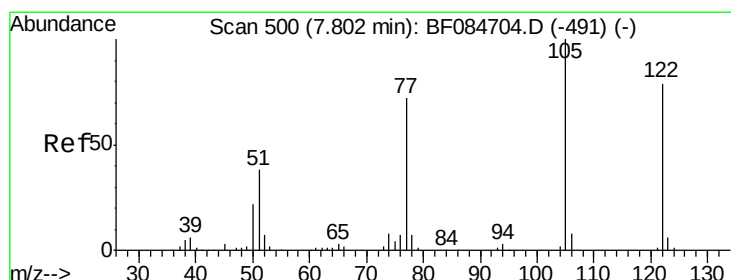
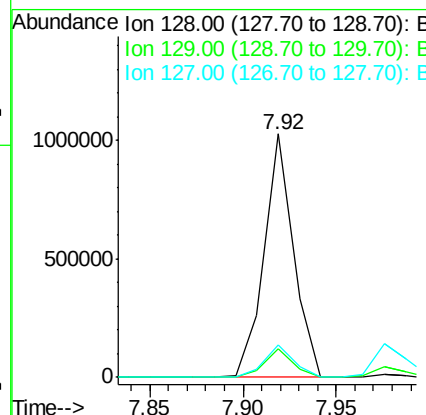
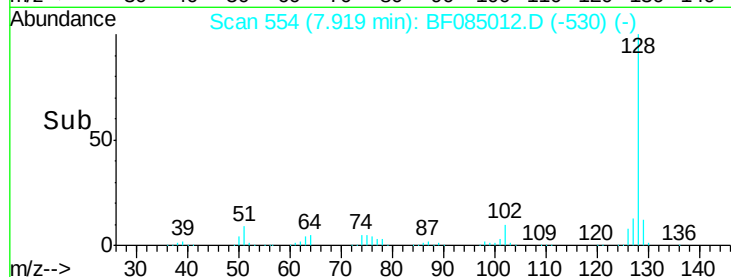
PB88297BS



Tgt Ion:	128	Resp:	1118866
Ion Ratio	Lower	Upper	
128	100		
129	11.9	9.1	13.7
127	13.5	11.1	16.7

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#32

Benzoic acid

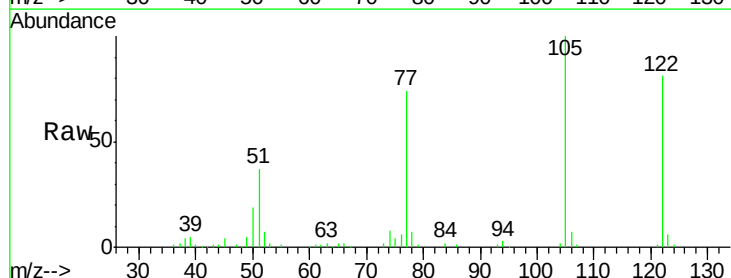
Concen: 37.95 ng

RT: 7.72 min Scan# 537

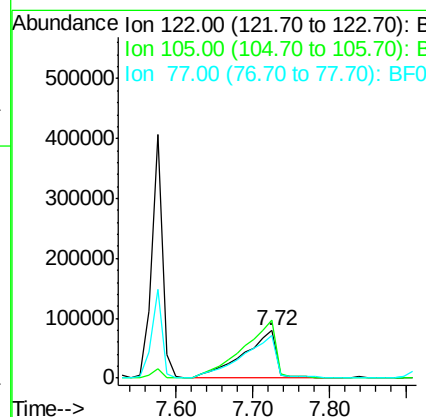
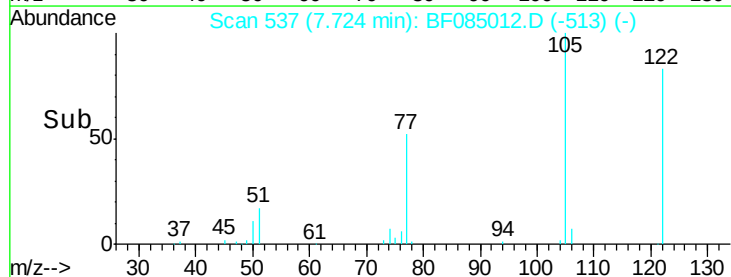
Delta R.T. -0.02 min

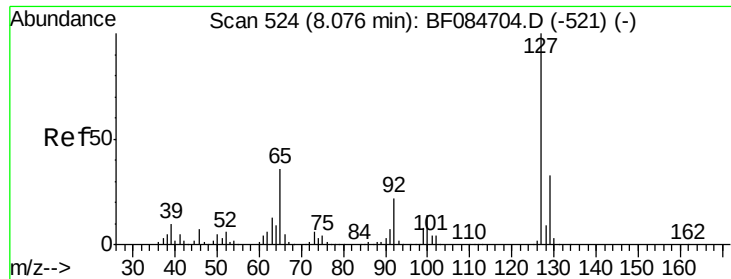
Lab File: BF085012.D

Acq: 11 Feb 2016 12:05



Tgt Ion:	122	Resp:	231106
Ion Ratio	Lower	Upper	
122	100		
105	122.8	100.3	140.3
77	90.3	63.5	103.5





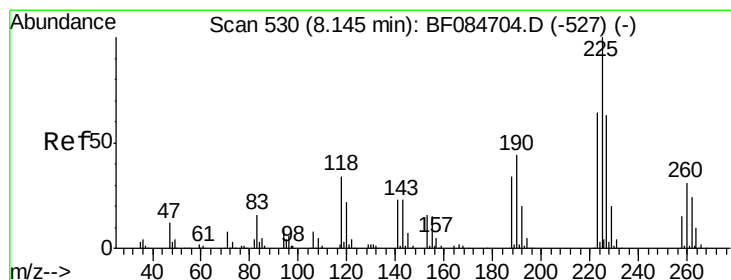
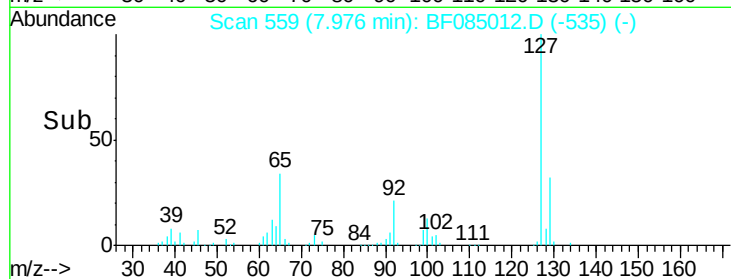
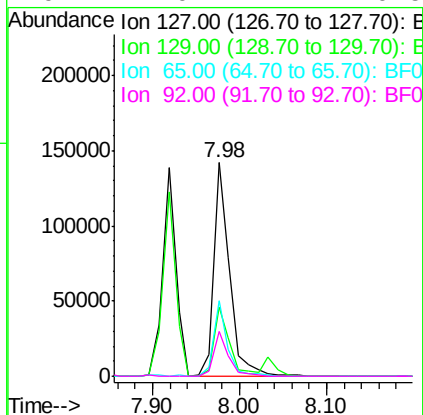
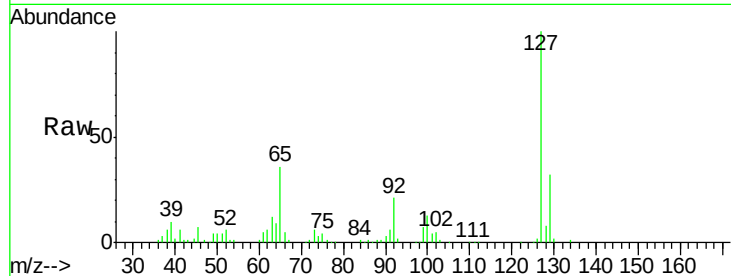
#33
4-Chloroaniline
Concen: 15.07 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.02 min
Lab File: BF085012.D
Acq: 11 Feb 2016 12:05

Instrument :
BNA_F
ClientSampleId :
PB88297BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	182574		
129	32.2	26.5	39.7	
65	35.5	27.2	40.8	
92	21.0	17.7	26.5	

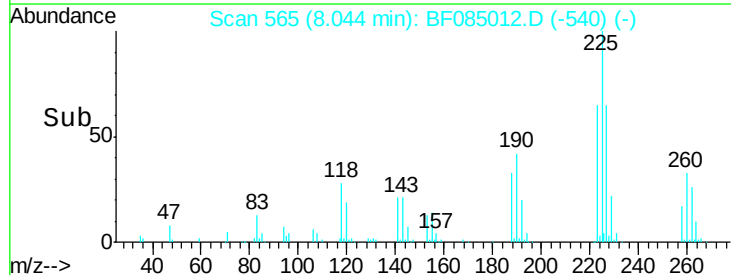
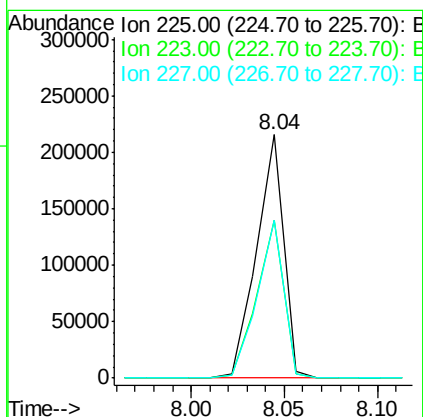
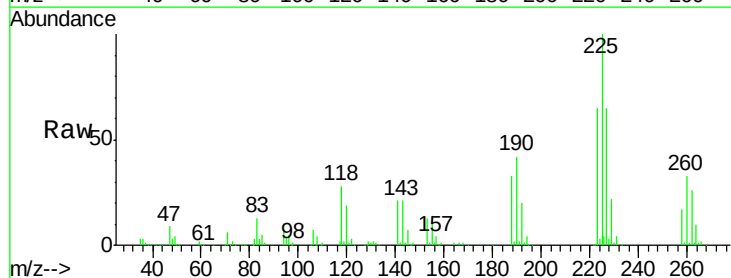
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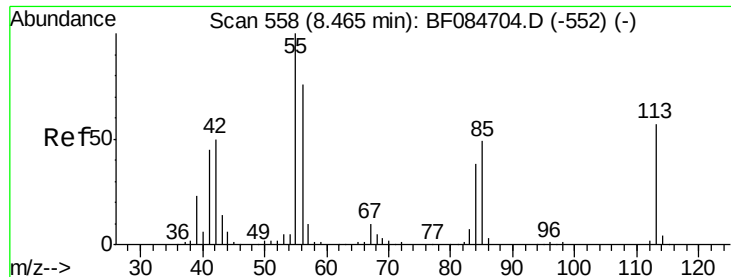
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#34
Hexachlorobutadiene
Concen: 40.85 ng
RT: 8.04 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF085012.D
Acq: 11 Feb 2016 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	216753		
223	64.7	49.4	74.0	
227	64.7	50.8	76.2	





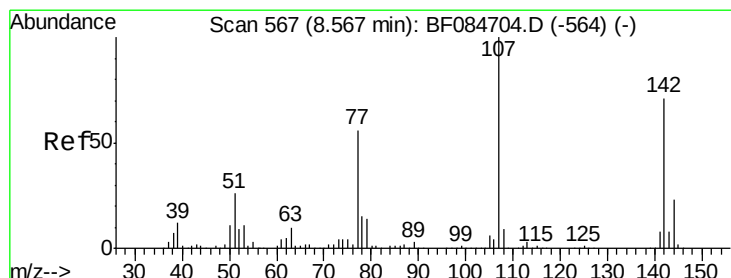
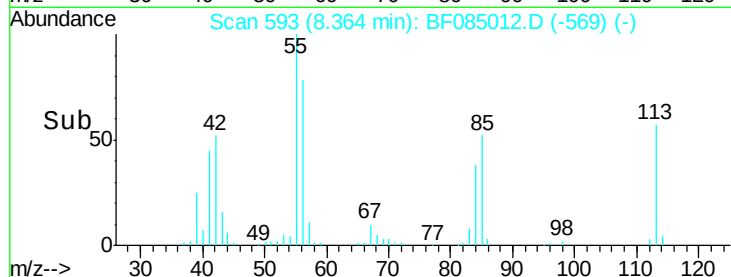
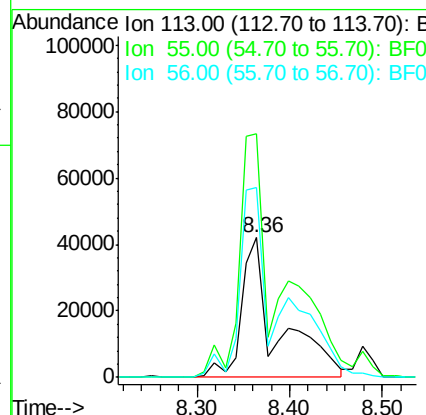
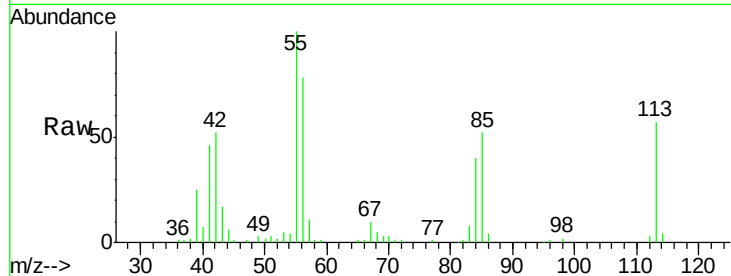
#35
 Caprolactam
 Concen: 44.92 ng m
 RT: 8.36 min Scan# 593
 Delta R.T. -0.02 min
 Lab File: BF085012.D
 Acq: 11 Feb 2016 12:05

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
113	100			
55	174.2	116.9	156.9#	
56	135.4	93.8	133.8#	

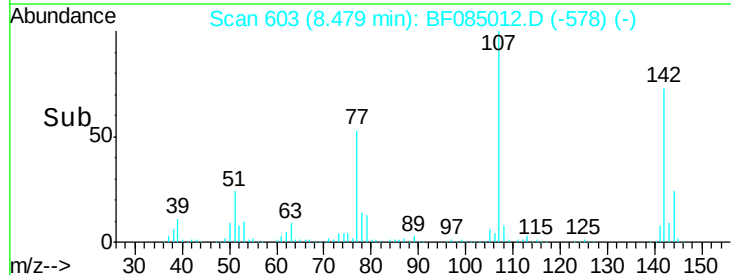
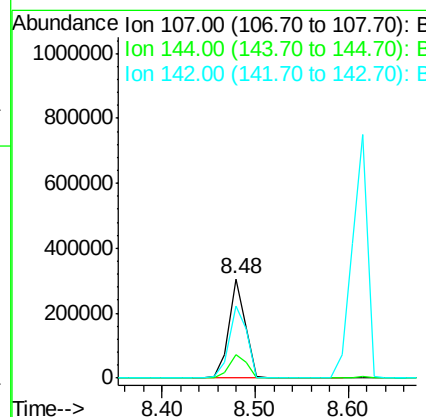
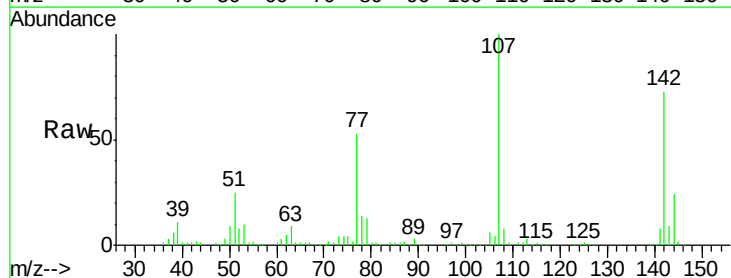
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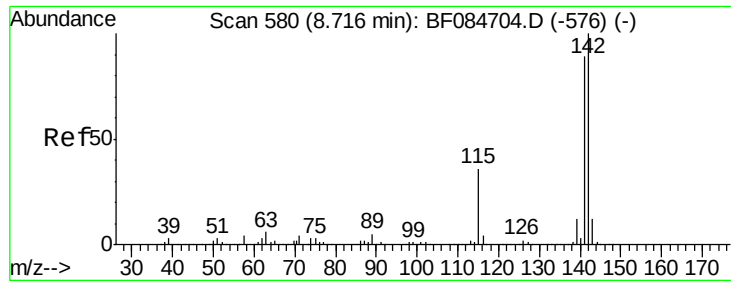
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#36
 4-Chloro-3-methylphenol
 Concen: 40.42 ng
 RT: 8.48 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF085012.D
 Acq: 11 Feb 2016 12:05

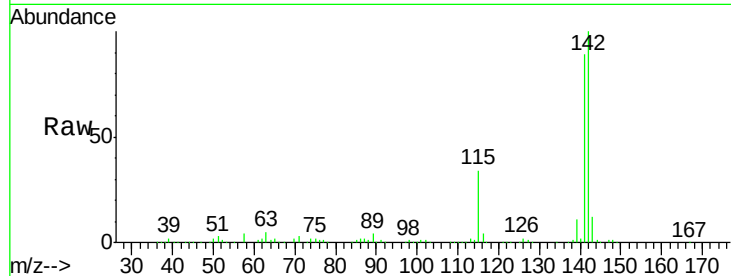
Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	23.8	19.7	29.5	
142	72.7	61.8	92.6	





#37
 2-Methylnaphthalene
 Concen: 46.64 ng
 RT: 8.62 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF085012.D
 Acq: 11 Feb 2016 12:05

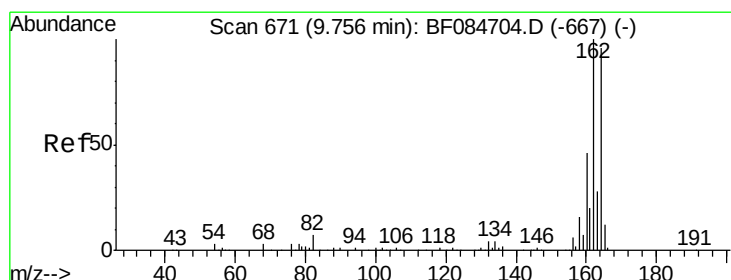
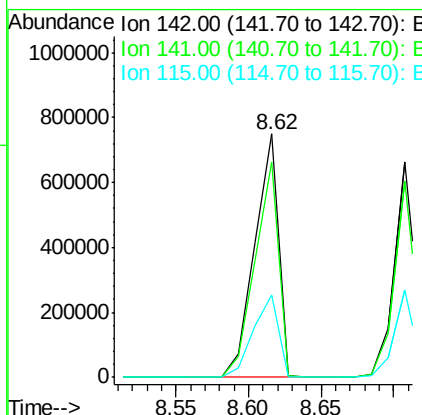
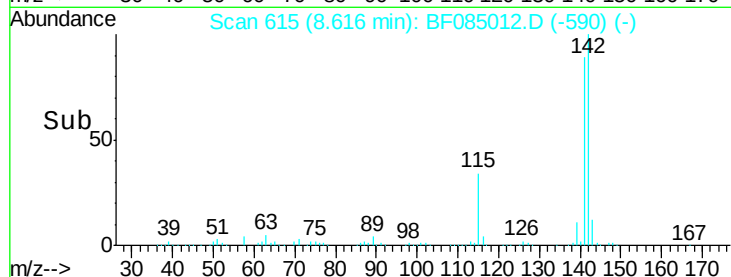
Instrument :
 BNA_F
 ClientSampleId :
 PB88297BS



Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.6	72.4	108.6
115	34.0	27.9	41.9

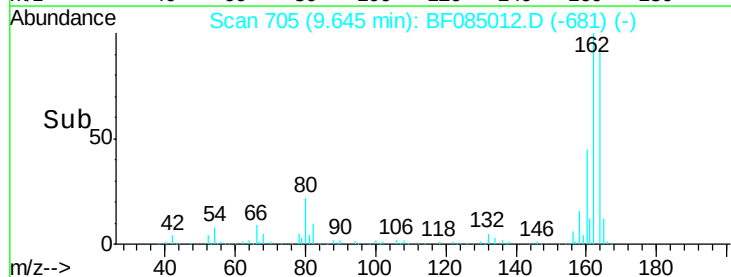
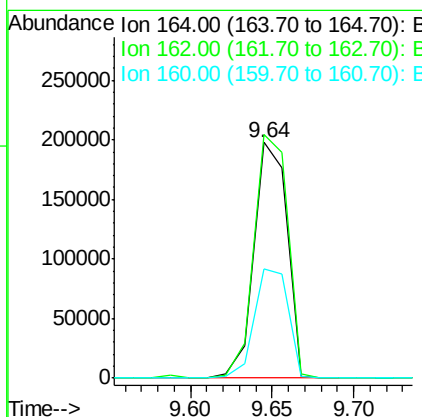
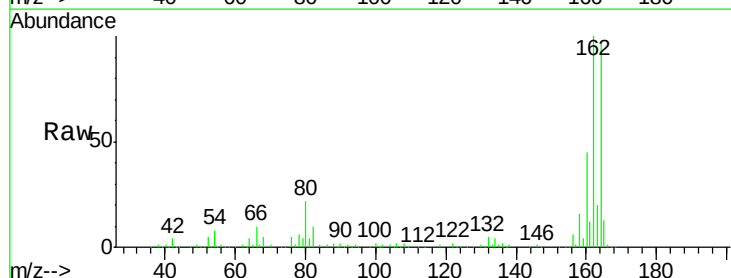
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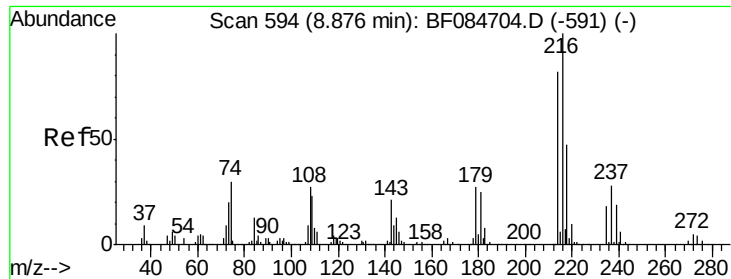
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.02 min
 Lab File: BF085012.D
 Acq: 11 Feb 2016 12:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	85.1	127.7
160	46.4	37.5	56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.15 ng

RT: 8.78 min Scan# 629

Delta R.T. -0.02 min

Lab File: BF085012.D

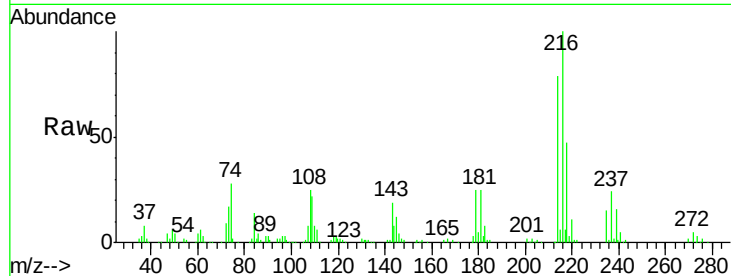
Acq: 11 Feb 2016 12:05

Instrument :

BNA_F

ClientSampleId :

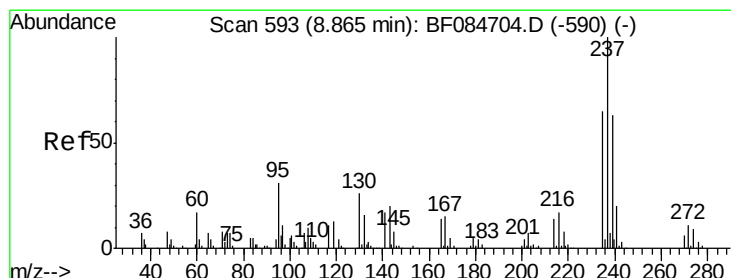
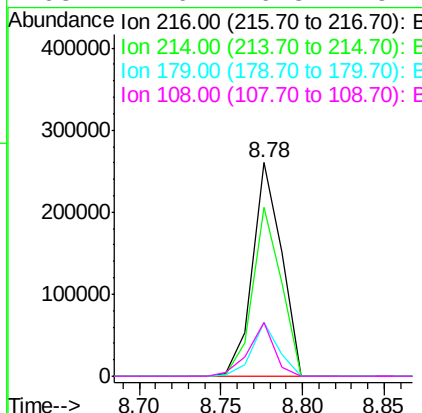
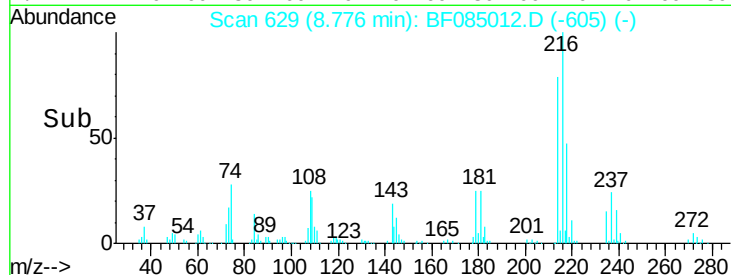
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Tgt Ion	Ratio	Resp	Lower	Upper
216	100	320426		
214	77.5	64.2	96.2	
179	22.5	18.7	28.1	
108	22.6	16.8	25.2	

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#40

Hexachlorocyclopentadiene

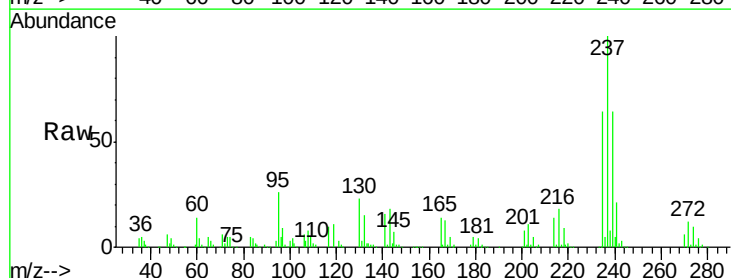
Concen: 75.46 ng

RT: 8.76 min Scan# 628

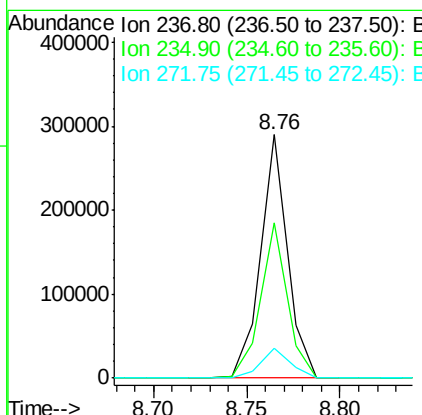
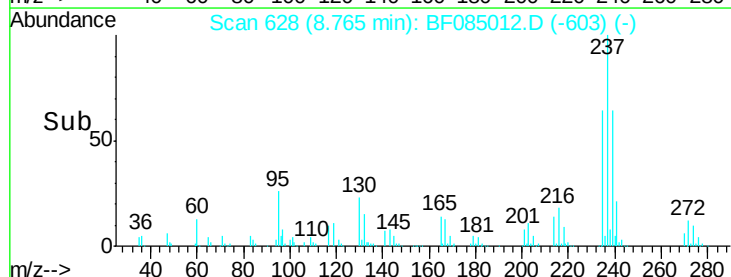
Delta R.T. -0.01 min

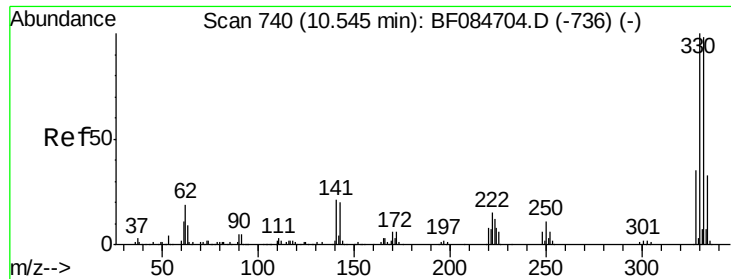
Lab File: BF085012.D

Acq: 11 Feb 2016 12:05



Tgt Ion	Ratio	Resp	Lower	Upper
237	100	288401		
235	64.0	43.1	83.1	
272	12.1	0.0	35.1	





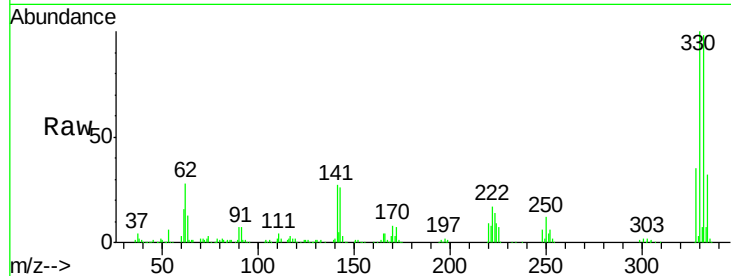
#41
 2,4,6-Tribromophenol
 Concen: 127.76 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF085012.D
 Acq: 11 Feb 2016 12:05

Instrument :
 BNA_F
 ClientSampled :
 PB88297BS

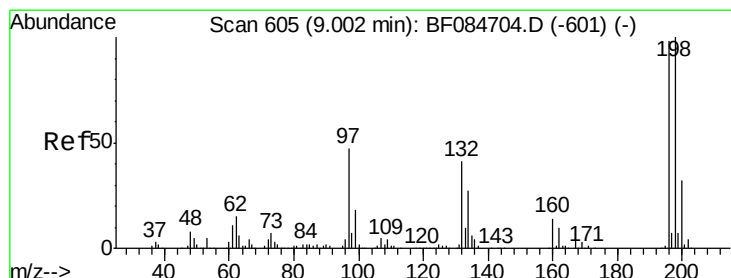
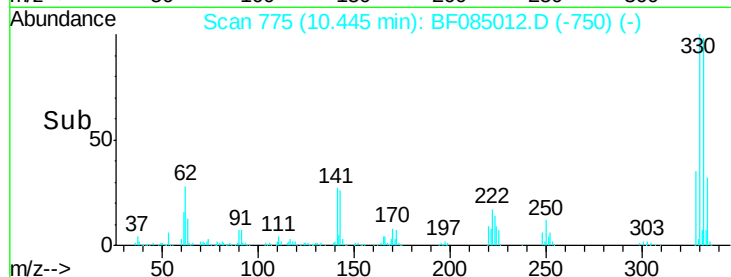
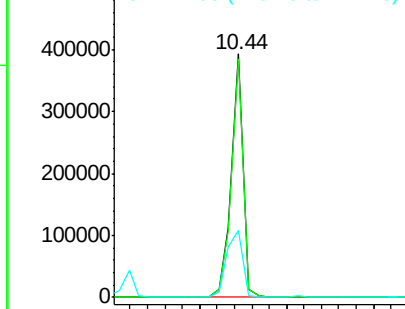
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	371931		
332	97.7	76.6	114.8	
141	37.3	27.8	41.6	

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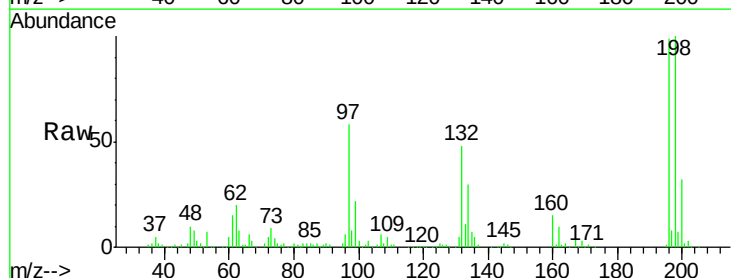


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

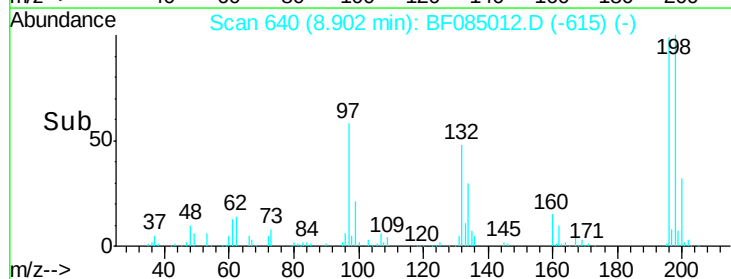
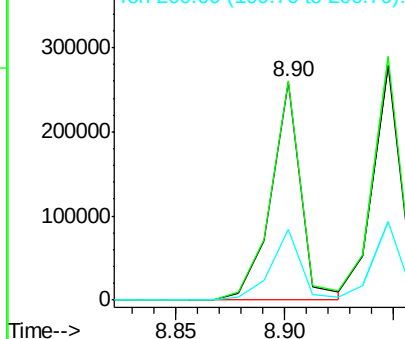


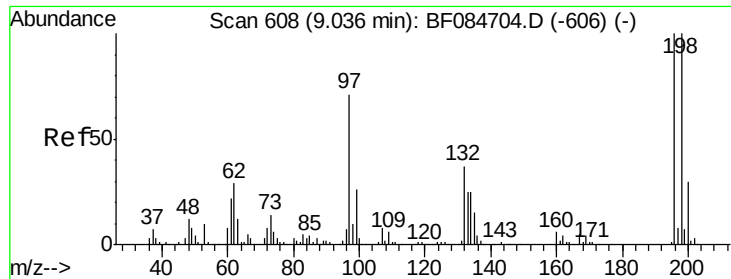
#42
 2,4,6-Trichlorophenol
 Concen: 43.73 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.01 min
 Lab File: BF085012.D
 Acq: 11 Feb 2016 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	249725		
198	100.7	77.7	116.5	
200	32.5	24.6	37.0	



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





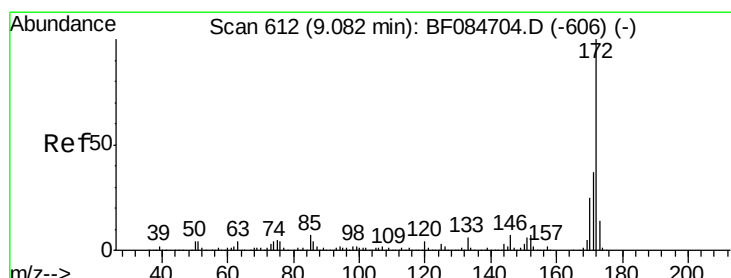
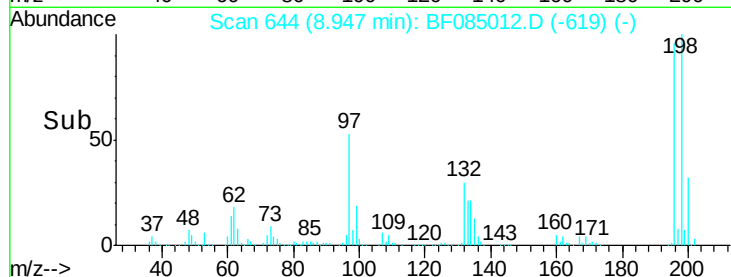
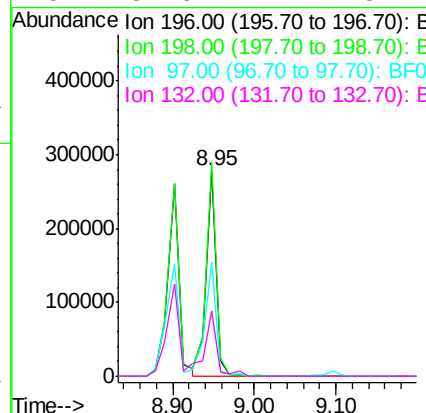
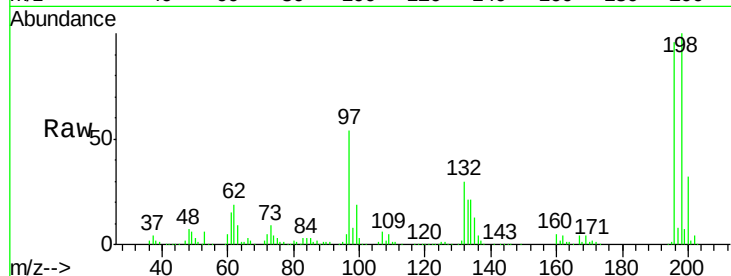
#43
 2,4,5-Trichlorophenol
 Concen: 42.70 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.01 min
 Lab File: BF085012.D
 Acq: 11 Feb 2016 12:05

Instrument :
 BNA_F
 ClientSampleId :
 PB88297BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	247759		
198	104.0	79.0	118.6	
97	55.7	33.0	49.6	
132	31.6	21.1	31.7	

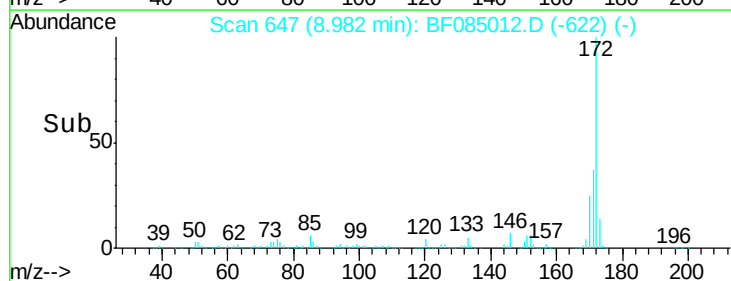
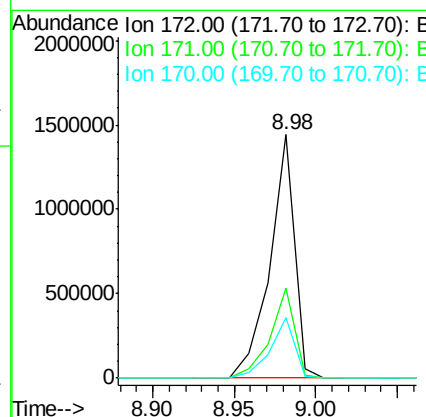
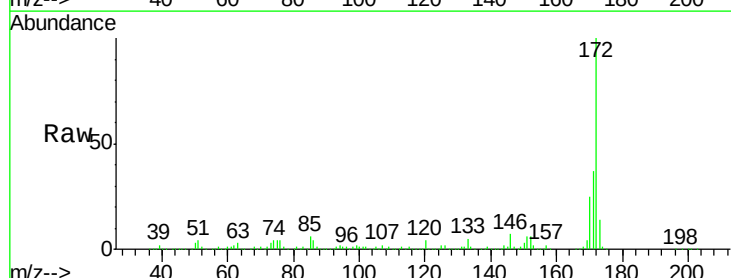
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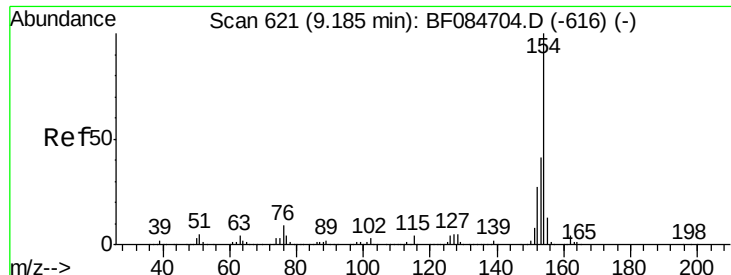
Sohil
 2/12/2016 12:26:00 PM



#44
 2-Fluorobiphenyl
 Concen: 95.57 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BF085012.D
 Acq: 11 Feb 2016 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1517832		
171	36.9	28.9	43.3	
170	24.7	18.6	27.8	





#45

1,1'-Biphenyl

Concen: 37.62 ng

RT: 9.07 min Scan# 655

Delta R.T. -0.02 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

Instrument :

BNA_F

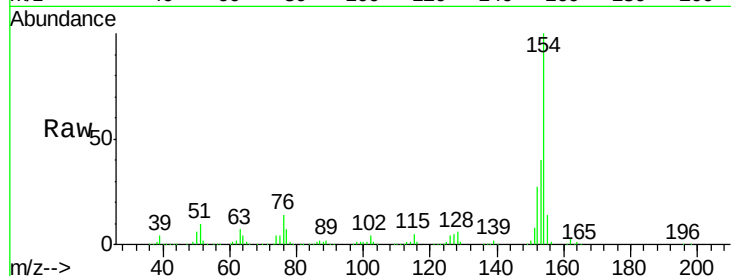
ClientSampleId :

PB88297BS

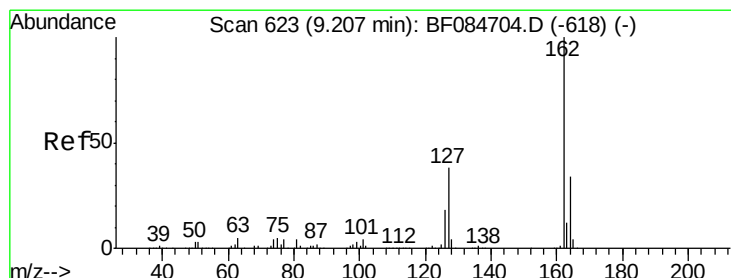
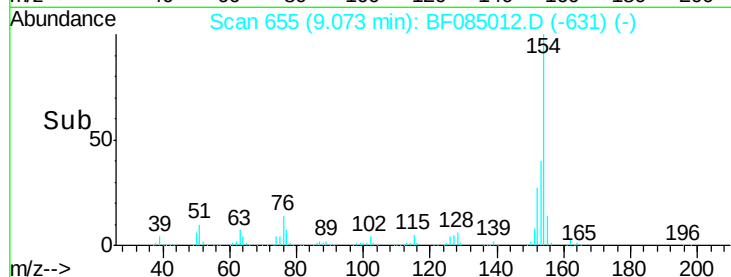
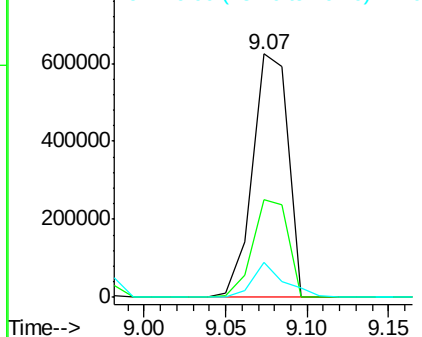
Tgt Ion:	154	Resp:	937758
Ion Ratio	Lower	Upper	
154	100		
153	40.2	21.6	61.6
76	14.4	0.0	32.7

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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: 37.43 ng

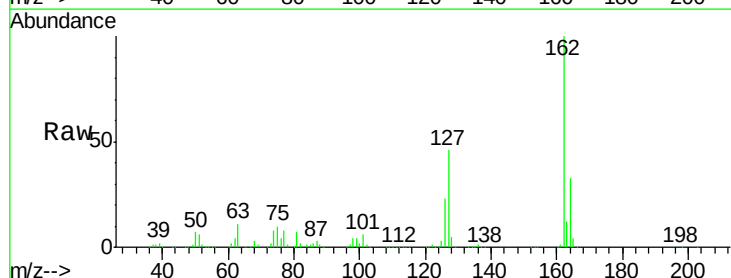
RT: 9.10 min Scan# 657

Delta R.T. -0.02 min

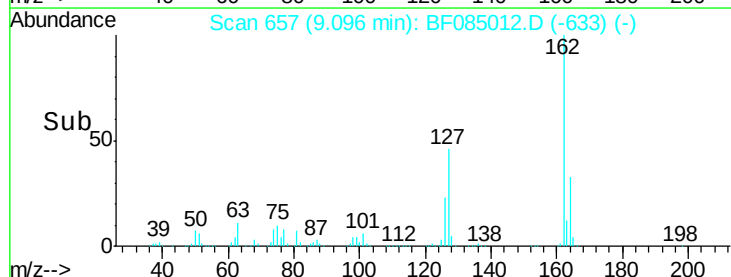
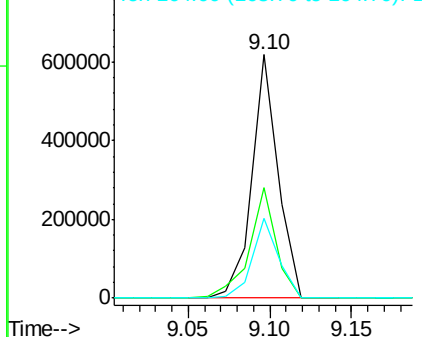
Lab File: BF085012.D

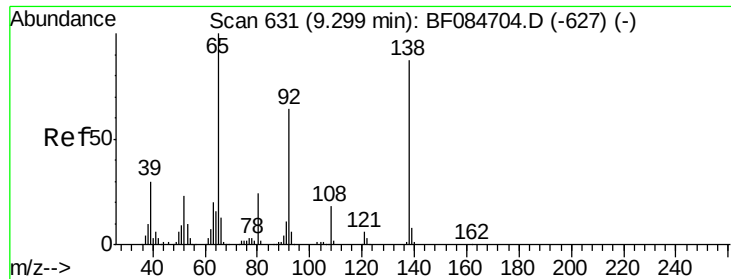
Acq: 11 Feb 2016 12:05

Tgt Ion:	162	Resp:	687123
Ion Ratio	Lower	Upper	
162	100		
127	45.6	40.2	60.4
164	33.0	25.7	38.5



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





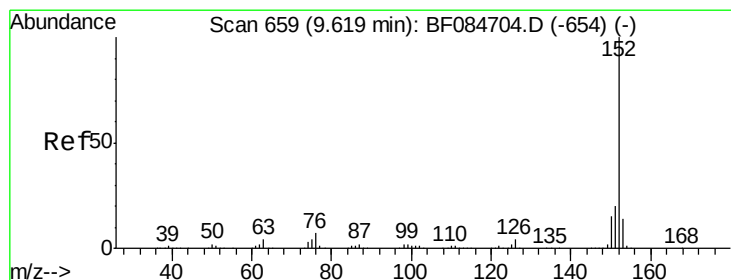
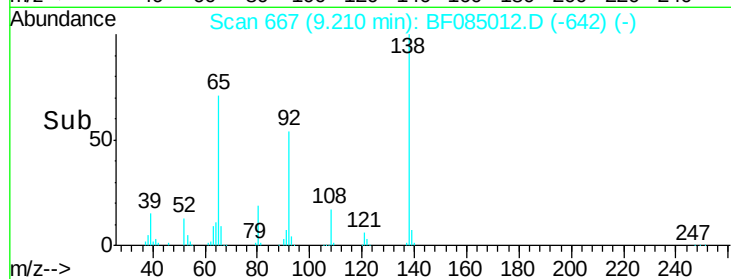
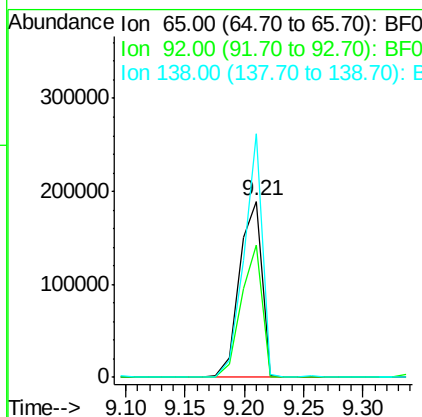
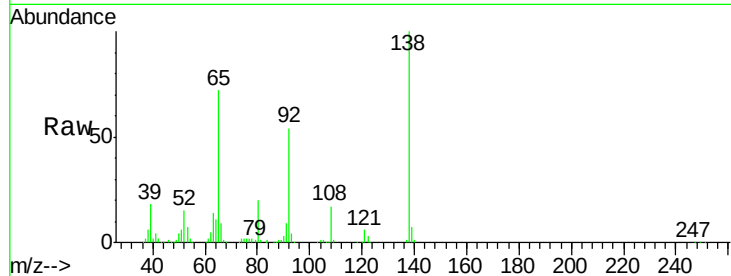
#47
 2-Nitroaniline
 Concen: 43.34 ng
 RT: 9.21 min Scan# 667
 Delta R.T. -0.01 min
 Lab File: BF085012.D
 Acq: 11 Feb 2016 12:05

Instrument :
 BNA_F
 ClientSampleId :
 PB88297BS

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	251947		
92	75.4	53.4	80.2	
138	138.4	71.1	106.7	

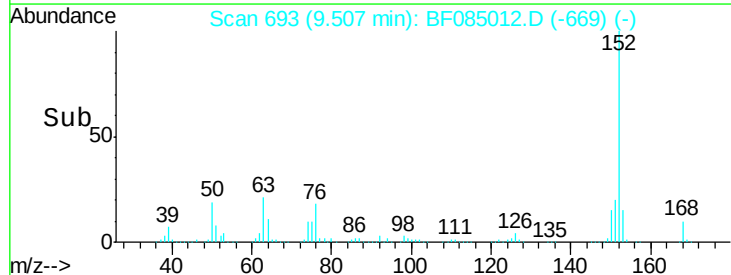
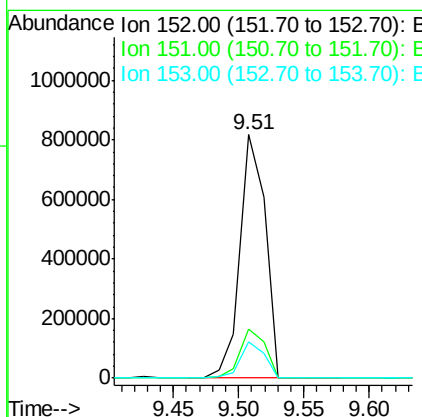
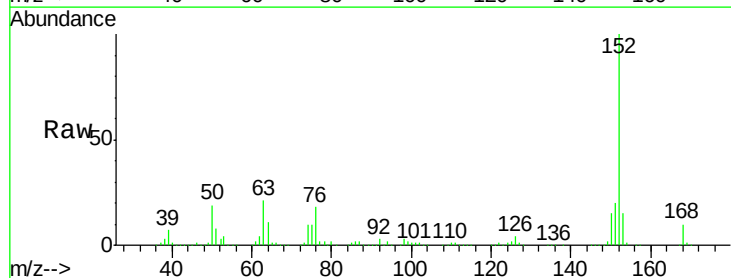
Manual Integrations
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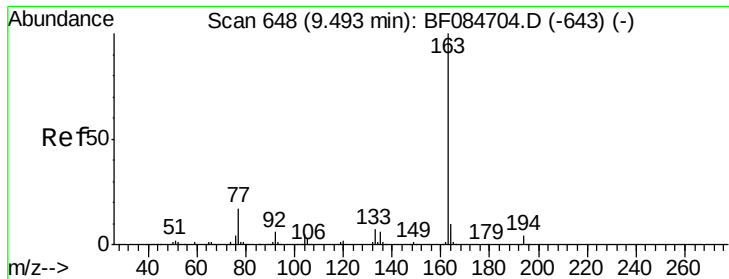
Sohil
 2/12/2016 12:26:00 PM



#48
 Acenaphthylene
 Concen: 39.49 ng
 RT: 9.51 min Scan# 693
 Delta R.T. -0.02 min
 Lab File: BF085012.D
 Acq: 11 Feb 2016 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1100159		
151	20.3	16.3	24.5	
153	14.7	10.4	15.6	





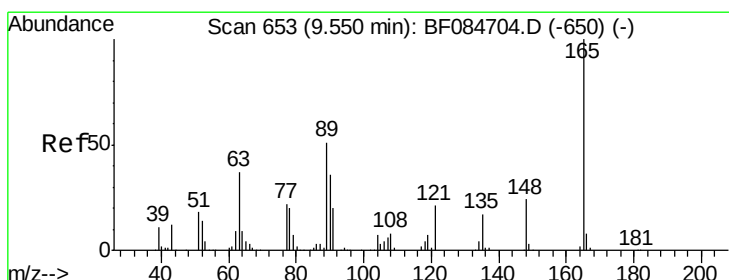
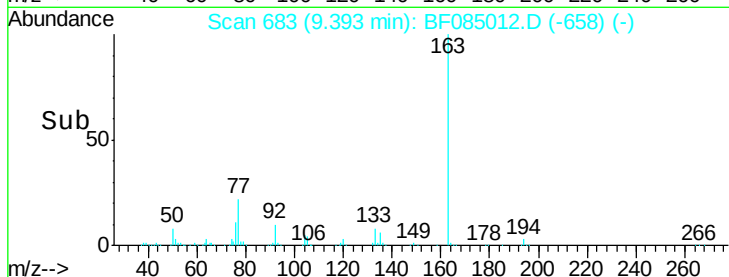
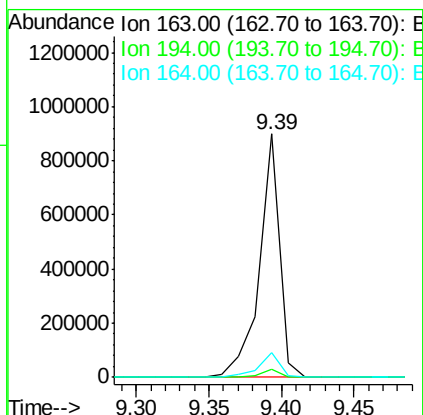
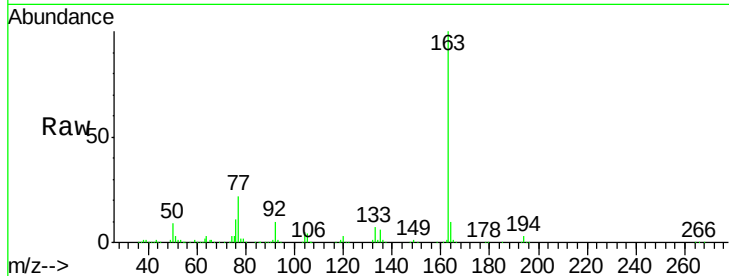
#49
Dimethylphthalate
Concen: 40.97 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF085012.D
Acq: 11 Feb 2016 12:05

Instrument :
BNA_F
ClientSampleId :
PB88297BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.1	8.0	12.0#
164	10.4	8.0	12.0

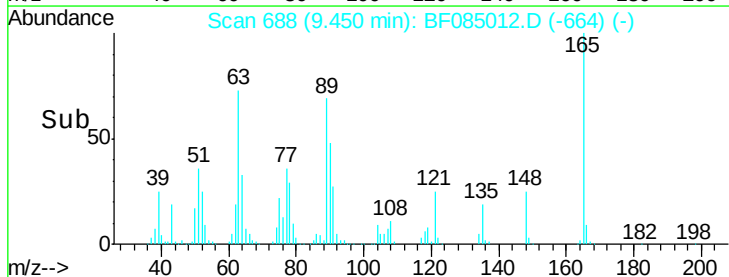
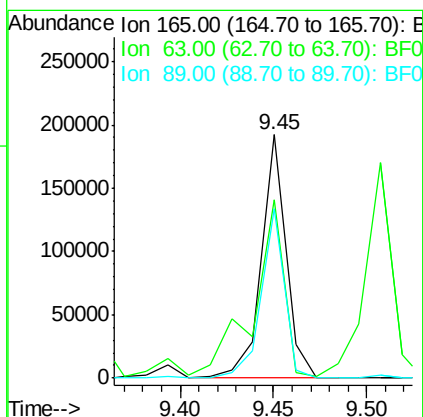
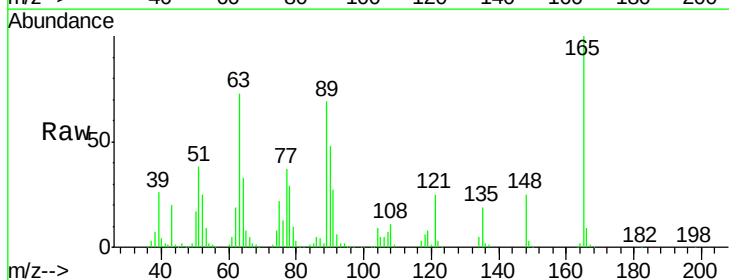
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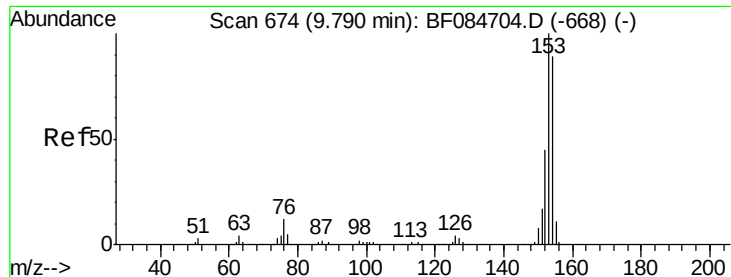
Sohil
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#50
2,6-Dinitrotoluene
Concen: 37.70 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.02 min
Lab File: BF085012.D
Acq: 11 Feb 2016 12:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	73.1	28.8	43.2#
89	69.4	35.1	52.7#





#51

Acenaphthene

Concen: 37.25 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.02 min

Lab File: BF085012.D

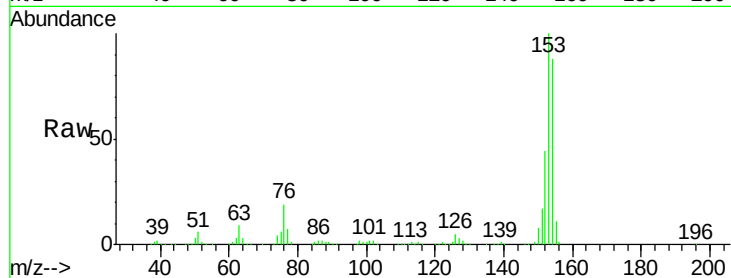
Acq: 11 Feb 2016 12:05

Instrument :

BNA_F

ClientSampleId :

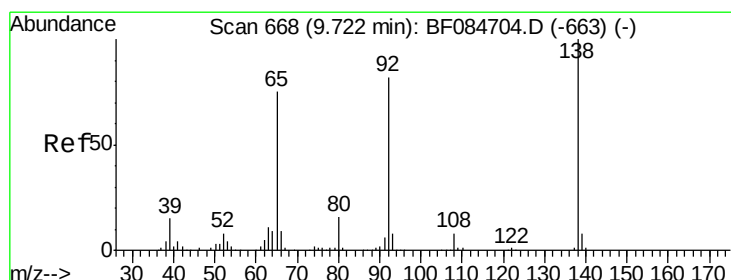
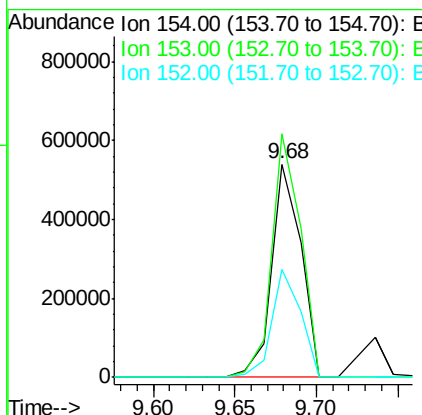
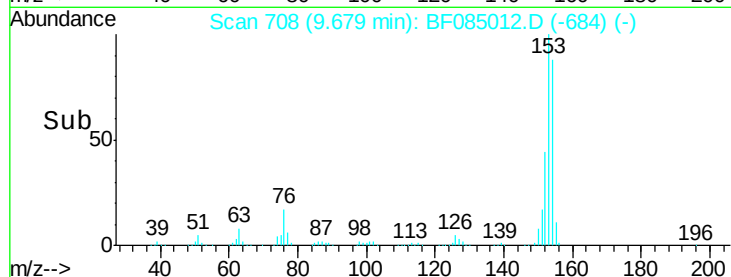
PB88297BS



Tgt Ion:	154	Resp:	675161
Ion Ratio	Lower	Upper	
154	100		
153	114.3	91.5	137.3
152	50.5	43.0	64.6

Manual Integrations
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#52

3-Nitroaniline

Concen: 23.07 ng

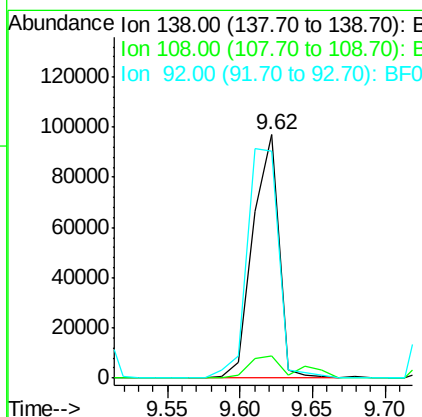
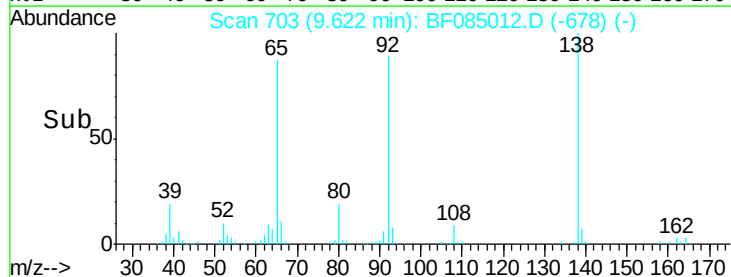
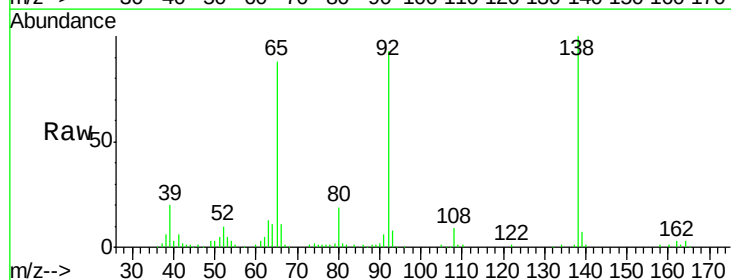
RT: 9.62 min Scan# 703

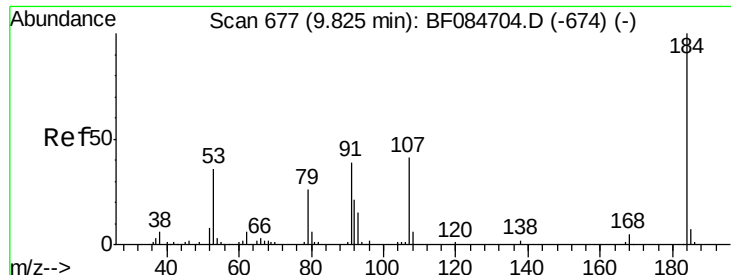
Delta R.T. -0.01 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

Tgt Ion:	138	Resp:	120395
Ion Ratio	Lower	Upper	
138	100		
108	9.2	10.5	15.7#
92	93.4	103.9	155.9#





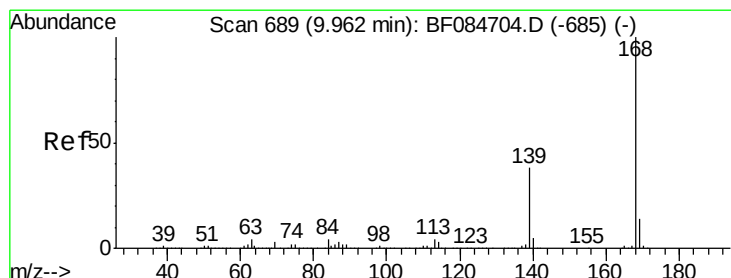
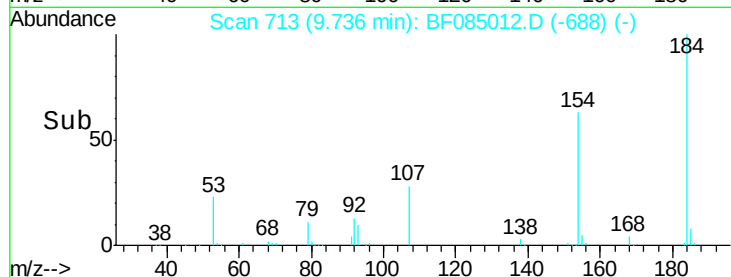
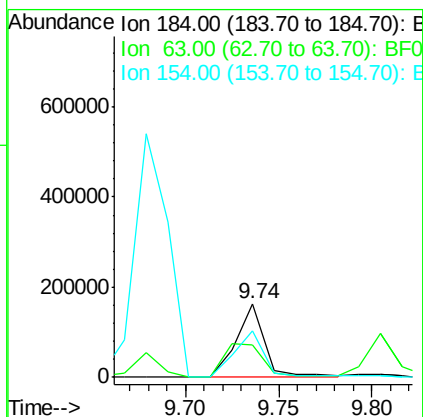
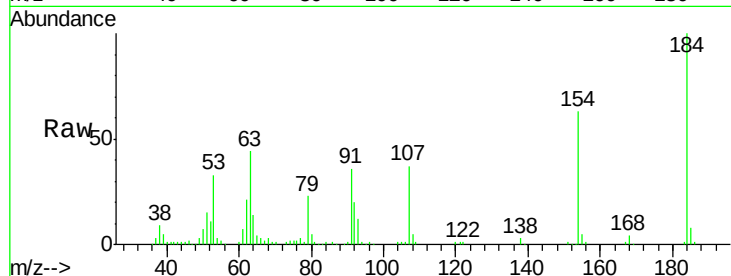
#53
2,4-Dinitrophenol
Concen: 81.51 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF085012.D
Acq: 11 Feb 2016 12:05

Instrument :
BNA_F
ClientSampleId :
PB88297BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	174963		
63	44.2	43.1	64.7	
154	62.8	60.5	90.7	

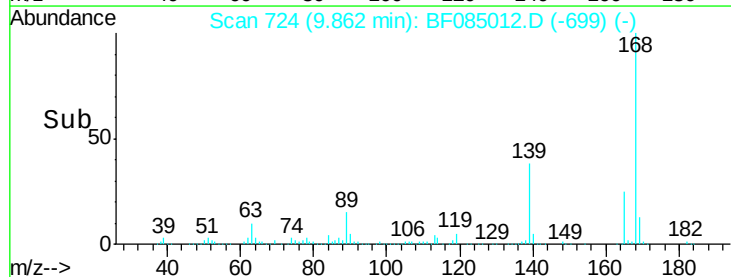
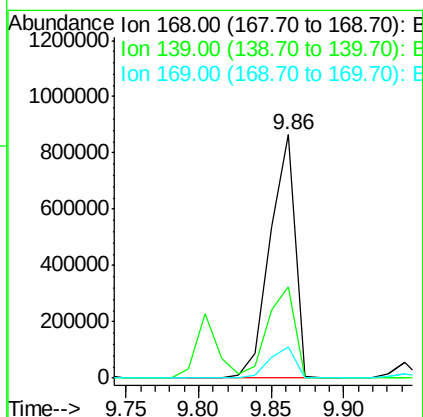
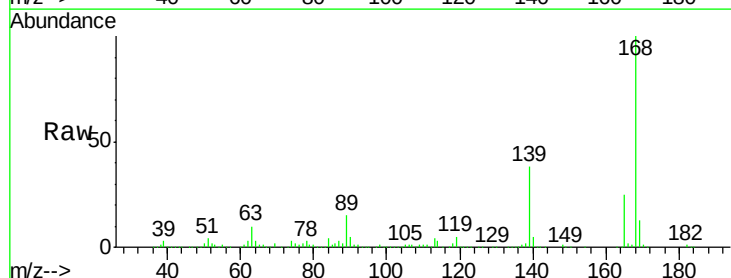
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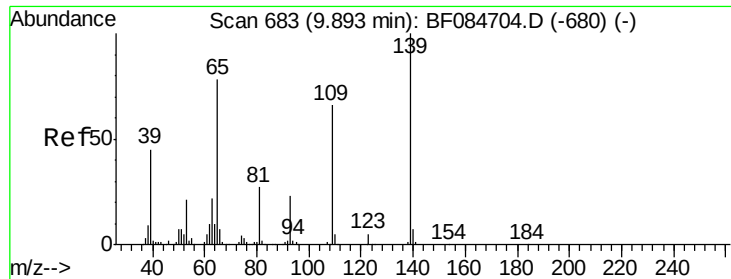
Sohil
2/12/2016 12:26:00 PM



#54
Dibenzofuran
Concen: 46.69 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF085012.D
Acq: 11 Feb 2016 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1034369		
139	37.5	30.5	45.7	
169	13.0	10.4	15.6	





#55

4-Nitrophenol

Concen: 61.75 ng

RT: 9.80 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

Instrument :

BNA_F

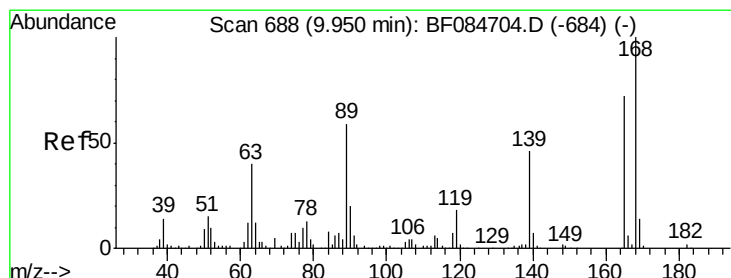
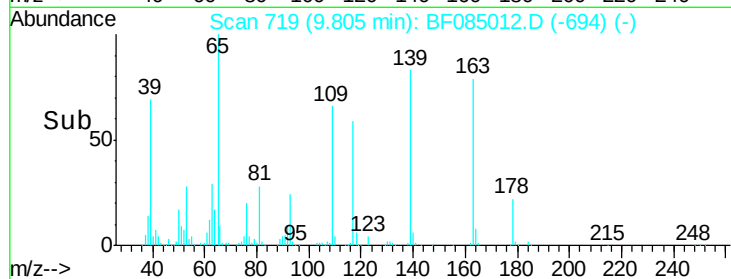
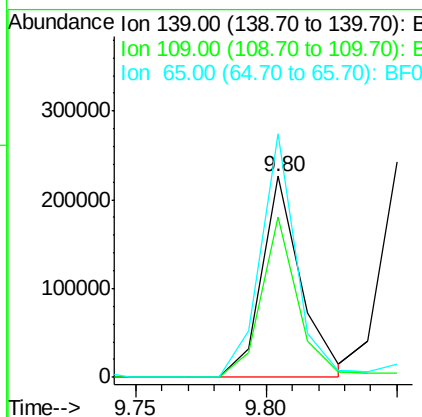
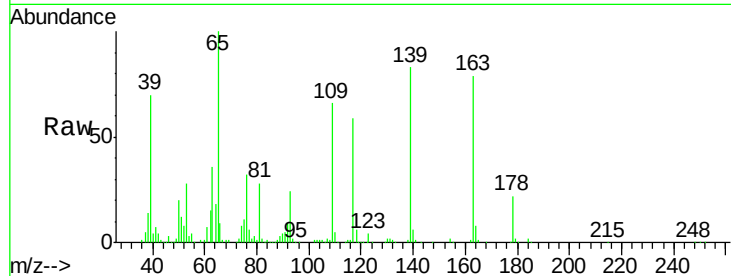
ClientSampleId :

PB88297BS

Tgt Ion:	139	Resp:	236833
Ion Ratio	Lower	Upper	
139	100		
109	79.8	58.5	98.5
65	120.9	57.6	97.6#

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#56

2,4-Dinitrotoluene

Concen: 43.42 ng

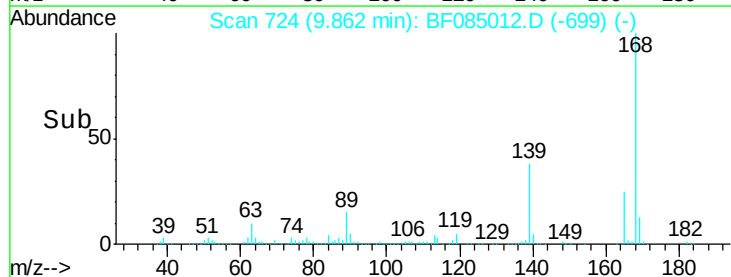
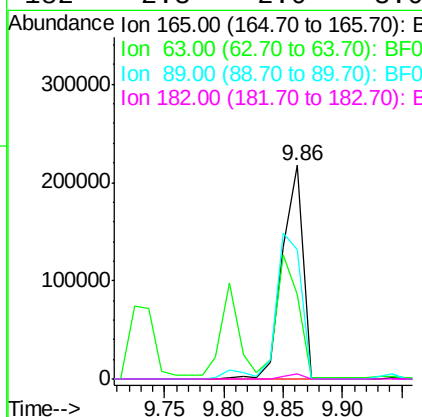
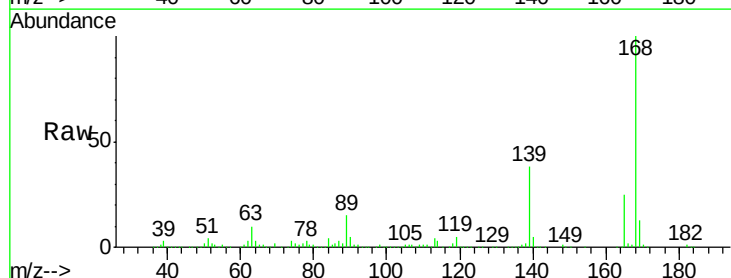
RT: 9.86 min Scan# 724

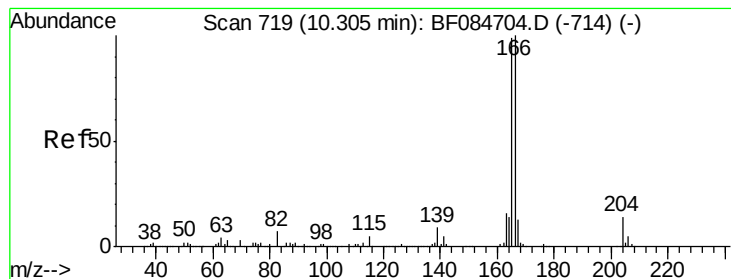
Delta R.T. -0.01 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

Tgt Ion:	165	Resp:	257191
Ion Ratio	Lower	Upper	
165	100		
63	39.6	36.7	55.1
89	60.6	61.9	92.9#
182	2.3	2.0	3.0





#57

Fluorene

Concen: 40.90 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF085012.D

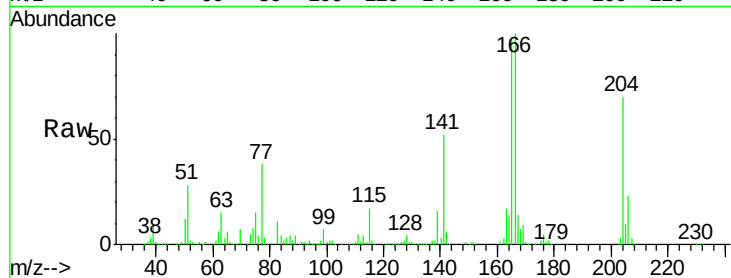
Acq: 11 Feb 2016 12:05

Instrument :

BNA_F

ClientSampleId :

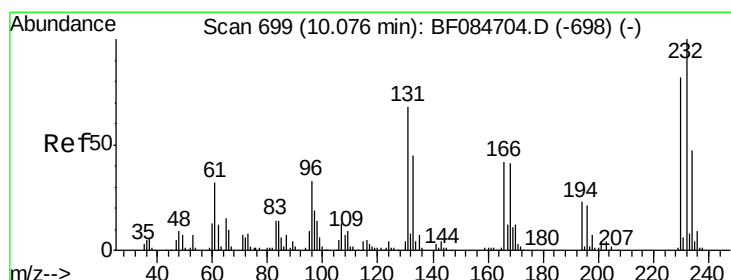
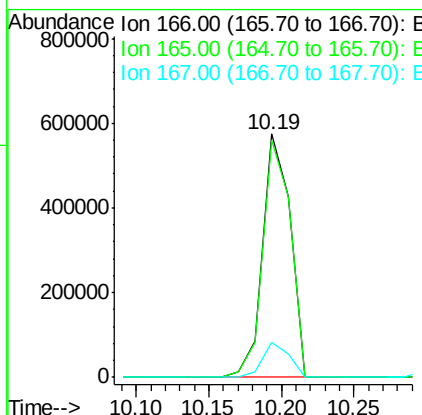
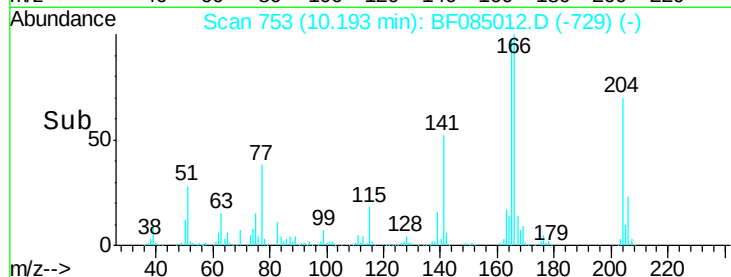
PB88297BS



Tgt Ion	Ratio	Resp	Lower	Upper
166	100	756601		
165	97.3	79.1	118.7	
167	14.3	10.4	15.6	

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#58

2,3,4,6-Tetrachlorophenol

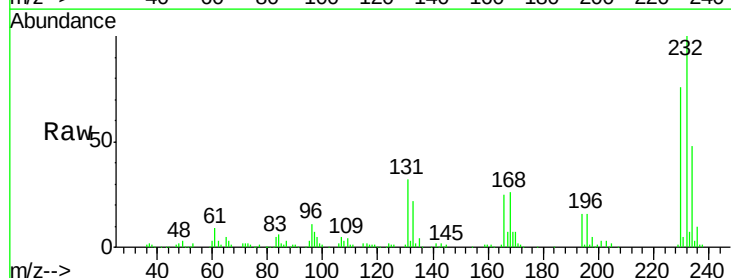
Concen: 47.20 ng

RT: 9.99 min Scan# 735

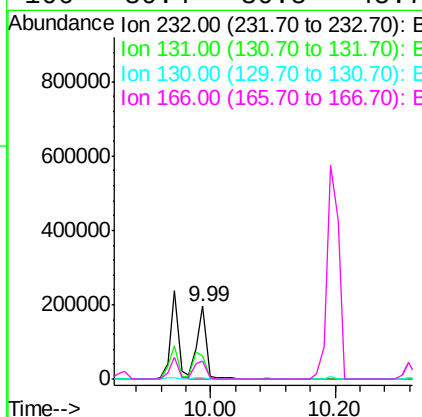
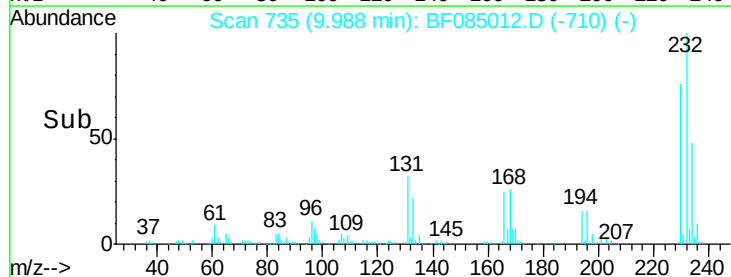
Delta R.T. -0.01 min

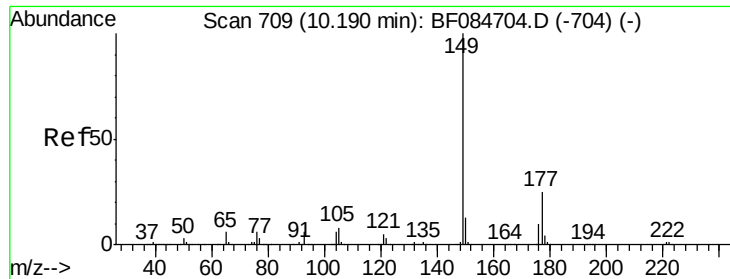
Lab File: BF085012.D

Acq: 11 Feb 2016 12:05



Tgt Ion	Ratio	Resp	Lower	Upper
232	100	208468		
131	48.8	47.0	70.6	
130	2.0	2.0	3.0	
166	30.4	30.5	45.7#	





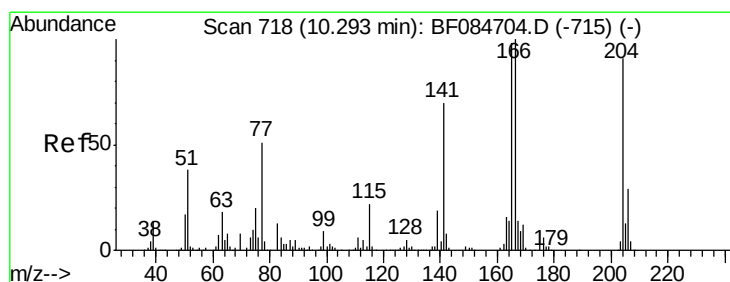
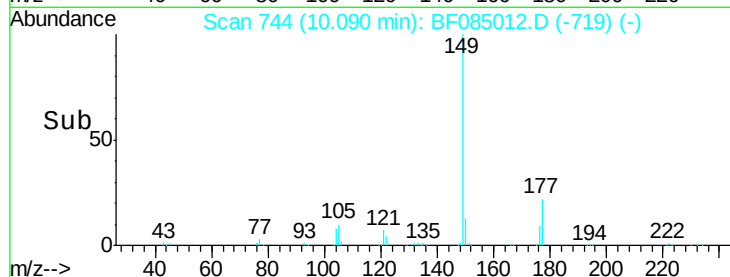
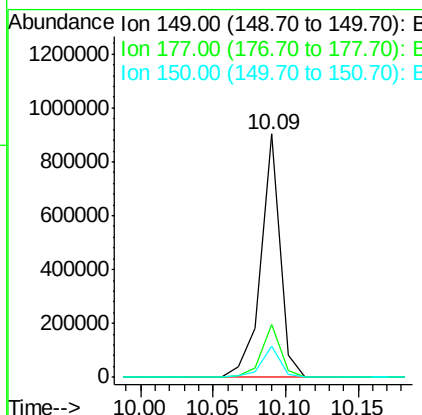
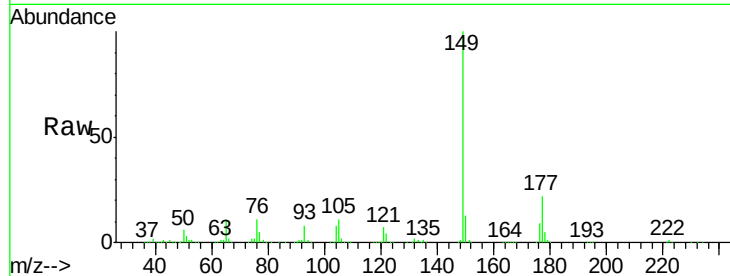
#59
Diethylphthalate
Concen: 39.98 ng
RT: 10.09 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF085012.D
Acq: 11 Feb 2016 12:05

Instrument :
BNA_F
ClientSampleId :
PB88297BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	829891		
177	21.7	17.3	25.9	
150	12.9	9.8	14.8	

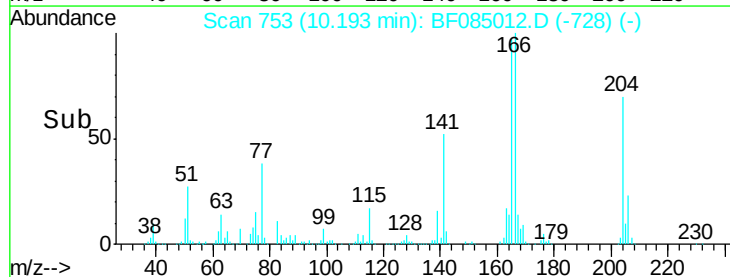
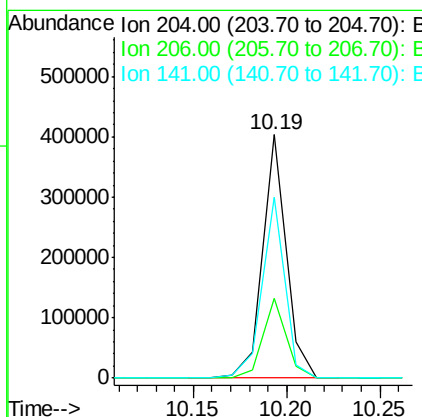
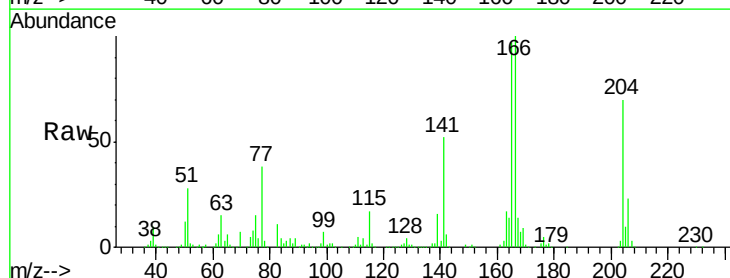
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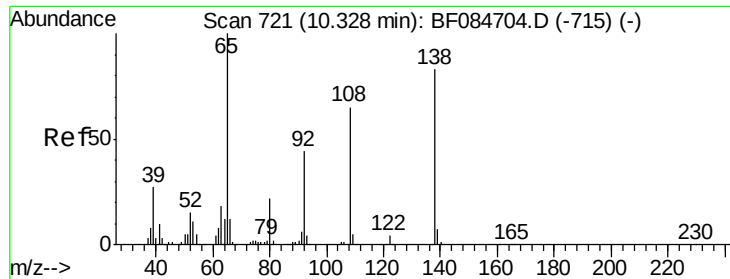
Sohil
2/12/2016 12:26:00 PM



#60
4-Chlorophenyl-phenylether
Concen: 45.31 ng
RT: 10.19 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF085012.D
Acq: 11 Feb 2016 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	351717		
206	32.9	25.7	38.5	
141	74.2	55.1	82.7	





#61

4-Nitroaniline

Concen: 44.79 ng

RT: 10.24 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF085012.D

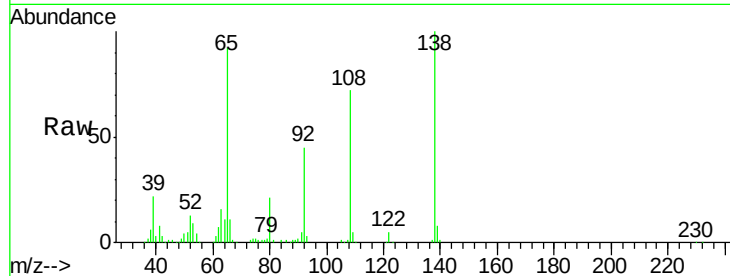
Acq: 11 Feb 2016 12:05

Instrument :

BNA_F

ClientSampled :

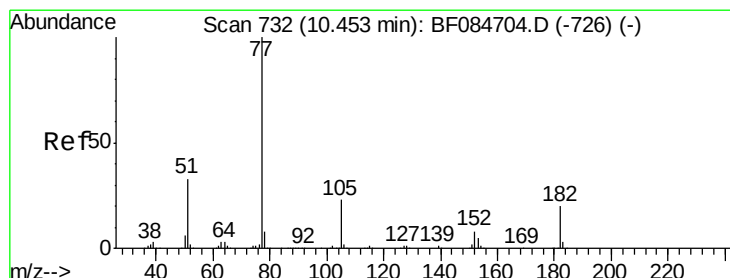
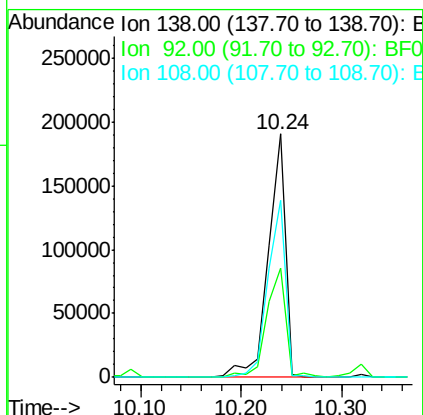
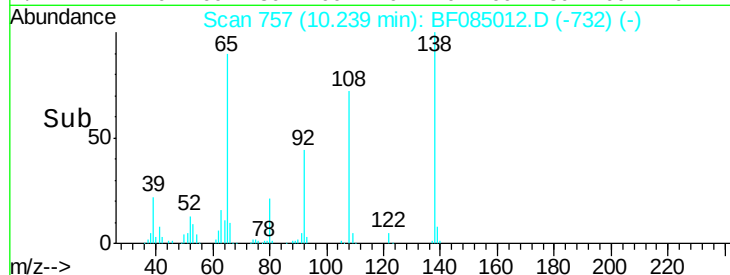
PB88297BS



Tgt Ion:	138	Resp:	227734
Ion Ratio	Lower	Upper	
138	100		
92	44.6	32.6	72.6
108	72.5	68.6	108.6

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#62

Azobenzene

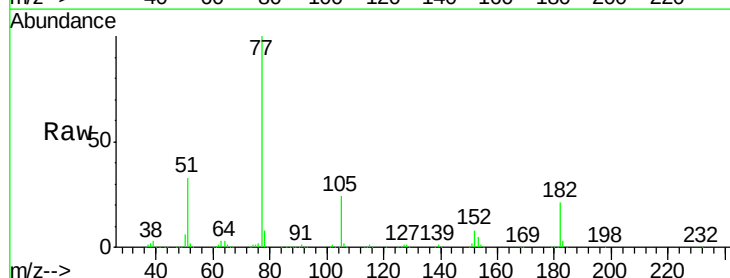
Concen: 44.97 ng

RT: 10.35 min Scan# 767

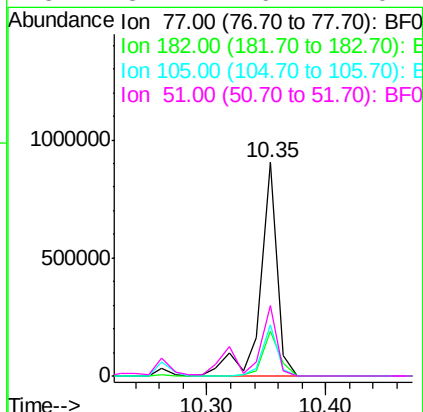
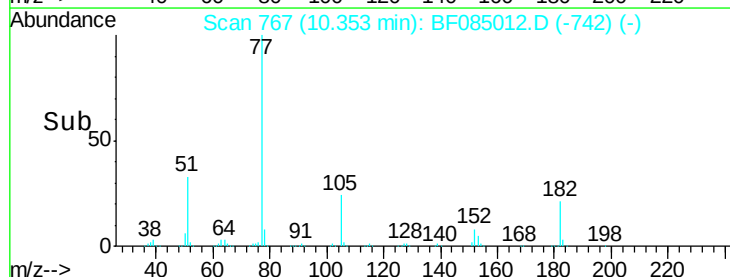
Delta R.T. -0.01 min

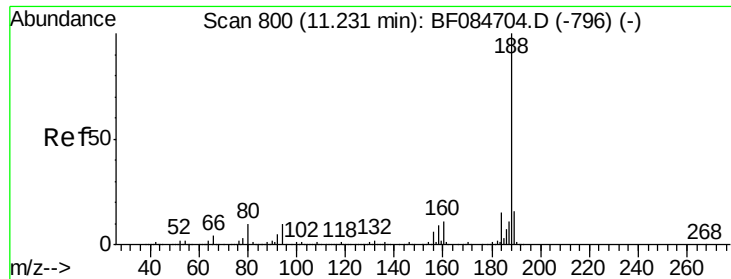
Lab File: BF085012.D

Acq: 11 Feb 2016 12:05



Tgt Ion:	77	Resp:	897548
Ion Ratio	Lower	Upper	
77	100		
182	21.1	8.3	48.3
105	24.0	4.6	44.6
51	32.7	6.2	46.2





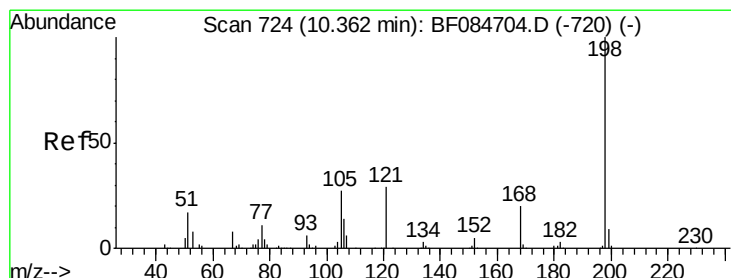
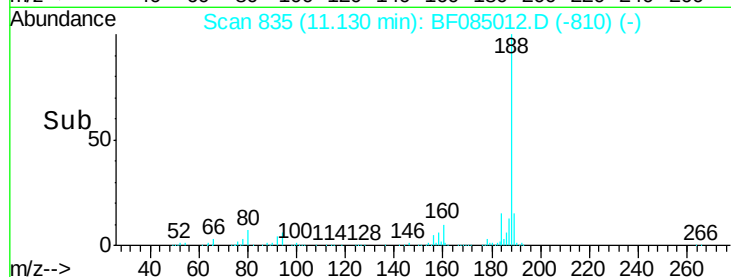
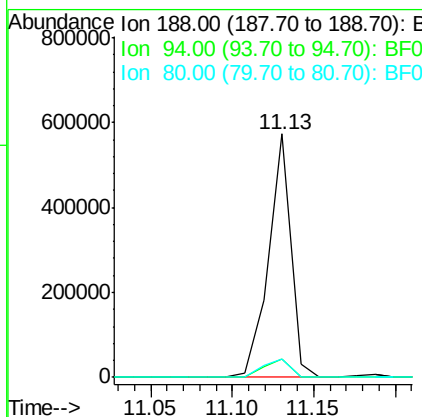
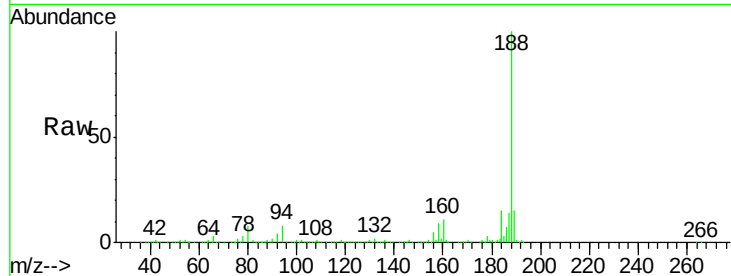
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF085012.D
Acq: 11 Feb 2016 12:05

Instrument :
BNA_F
ClientSampleId :
PB88297BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.7	9.0	13.4#
80	7.7	9.6	14.4#

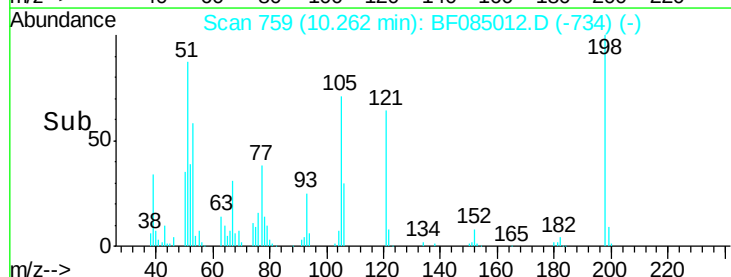
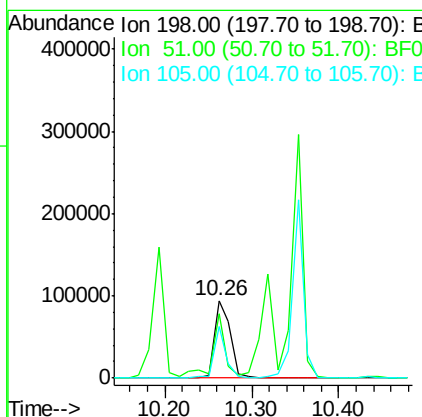
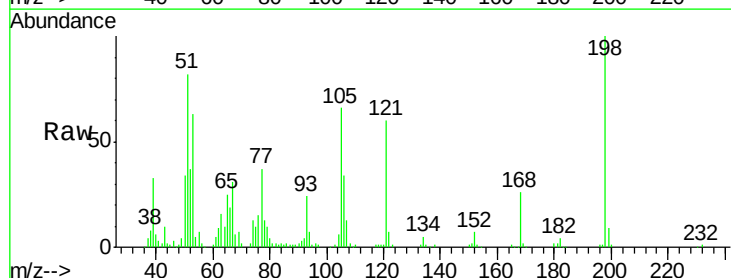
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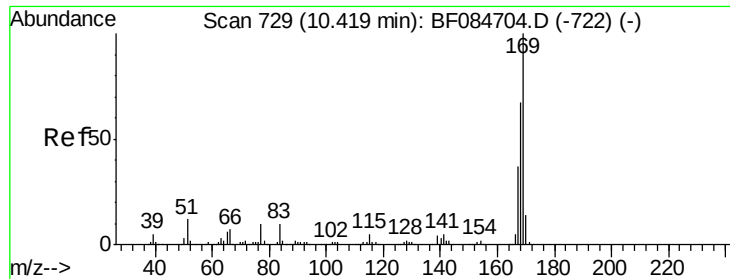
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#64
4,6-Dinitro-2-methylphenol
Concen: 36.28 ng
RT: 10.26 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF085012.D
Acq: 11 Feb 2016 12:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	82.5	18.9	58.9#
105	66.2	26.4	66.4





#65

n-Nitrosodiphenylamine

Concen: 41.23 ng

RT: 10.32 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

Instrument :

BNA_F

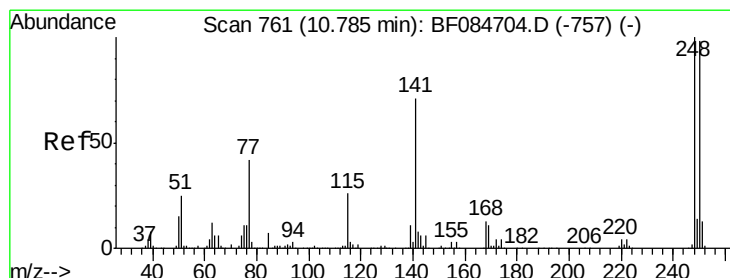
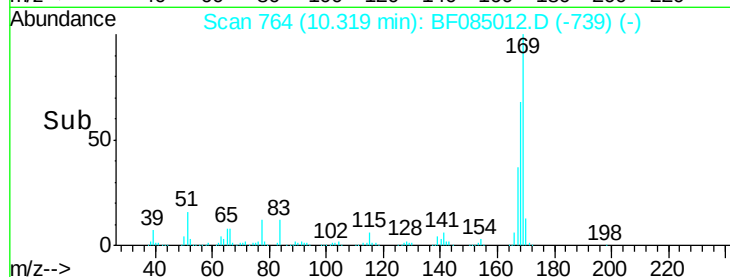
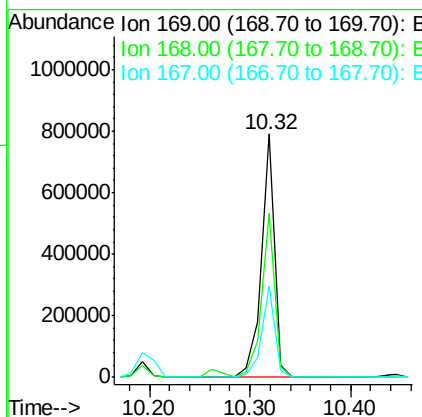
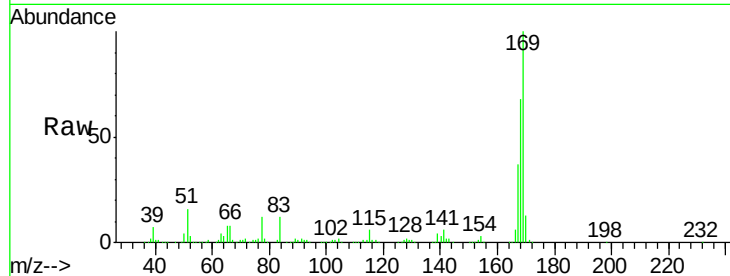
ClientSampleId :

PB88297BS

Tgt Ion:	169	Resp:	717470
Ion Ratio	Lower	Upper	
169	100		
168	67.6	55.1	82.7
167	37.3	30.0	45.0

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#66

4-Bromophenyl-phenylether

Concen: 42.82 ng

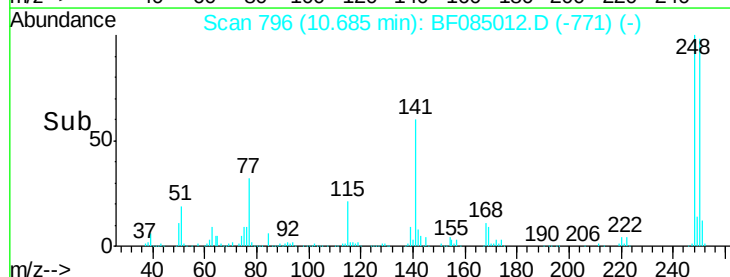
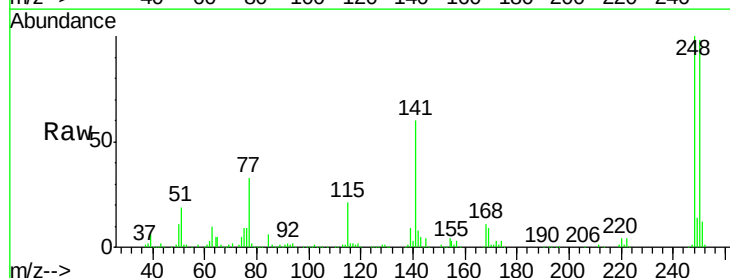
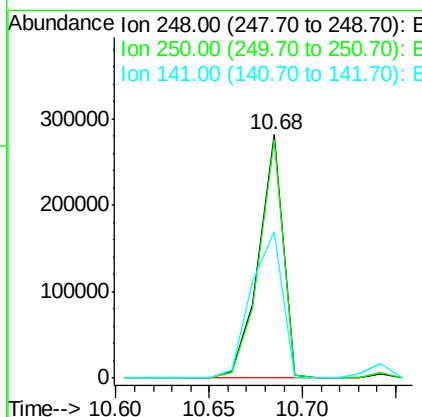
RT: 10.68 min Scan# 796

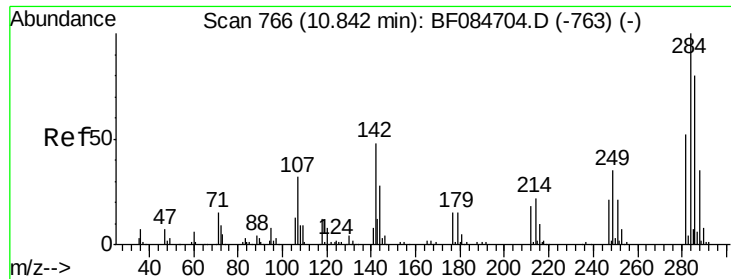
Delta R.T. -0.01 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

Tgt Ion:	248	Resp:	259188
Ion Ratio	Lower	Upper	
248	100		
250	98.0	78.4	117.6
141	60.2	44.0	66.0





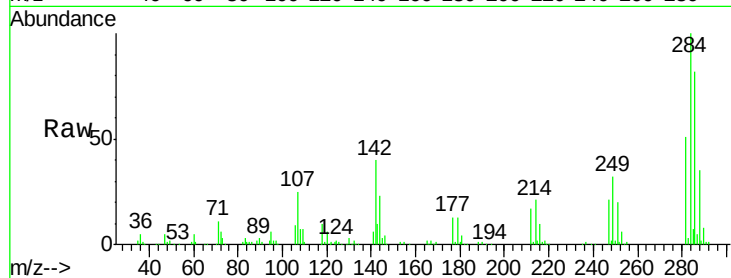
#67
Hexachlorobenzene
Concen: 38.26 ng
RT: 10.74 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF085012.D
Acq: 11 Feb 2016 12:05

Instrument :
BNA_F
ClientSampleId :
PB88297BS

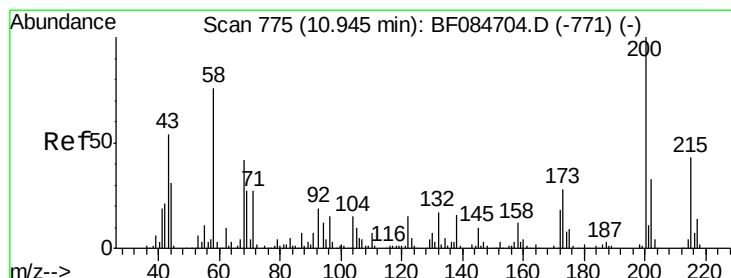
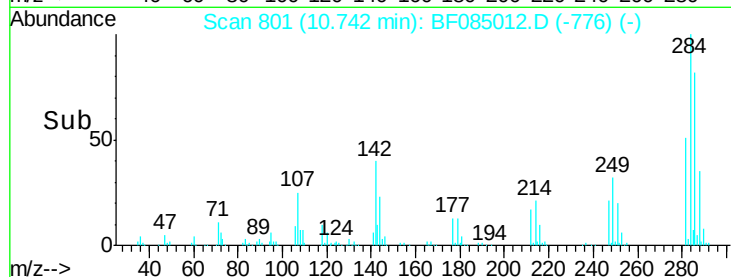
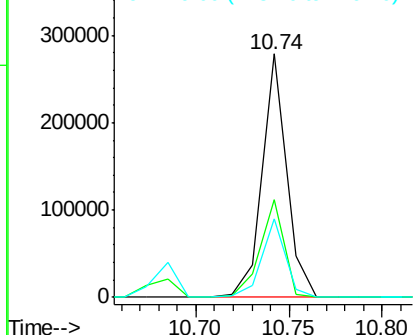
Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	40.3	22.2	33.4#
249	32.2	24.6	37.0

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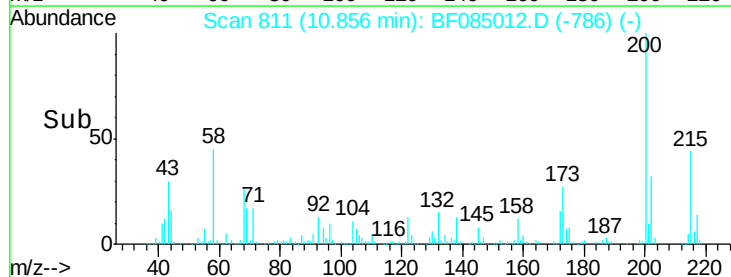
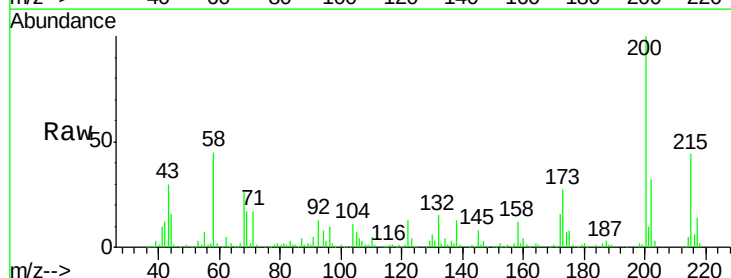
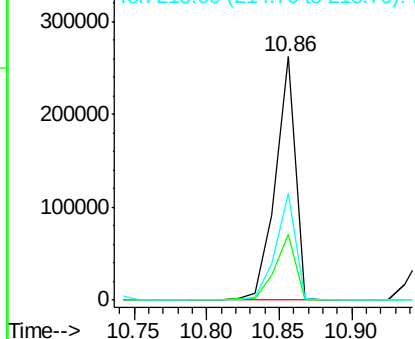
Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

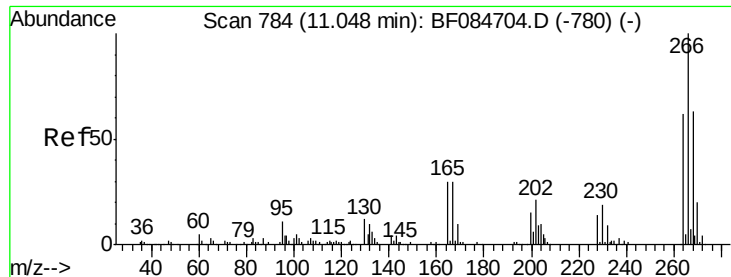


#68
Atrazine
Concen: 45.66 ng
RT: 10.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF085012.D
Acq: 11 Feb 2016 12:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.8	9.5	49.5
215	43.9	23.8	63.8

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





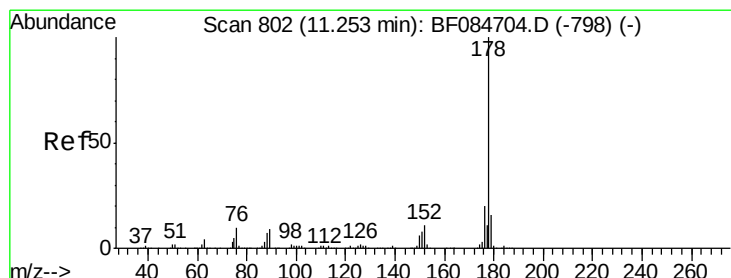
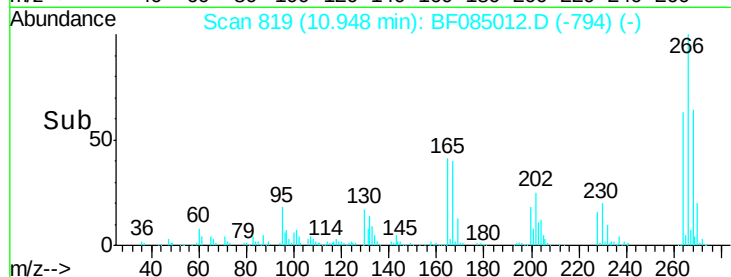
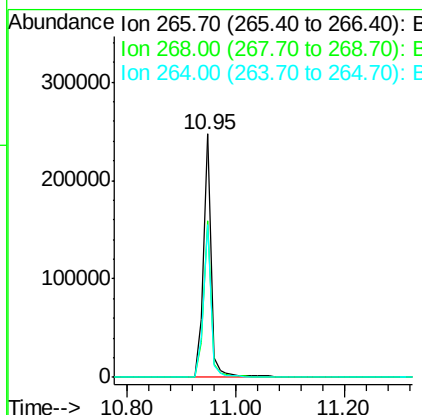
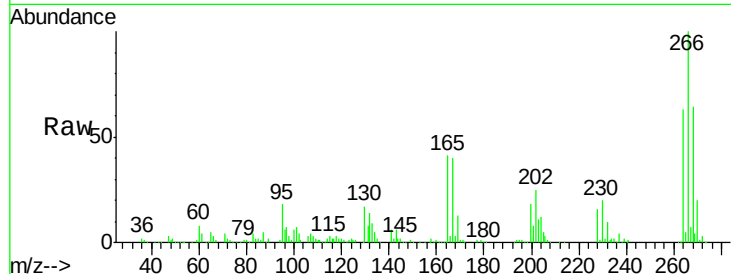
#69
 Pentachlorophenol
 Concen: 78.68 ng
 RT: 10.95 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF085012.D
 Acq: 11 Feb 2016 12:05

Instrument :
 BNA_F
 ClientSampleId :
 PB88297BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	243838		
268	64.2	52.4	78.6	
264	62.7	50.2	75.2	

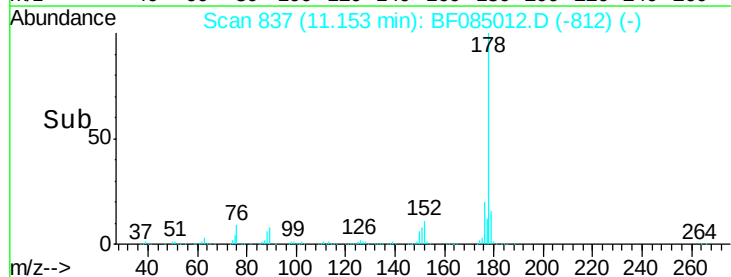
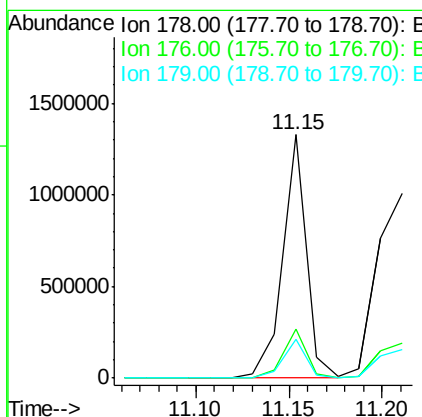
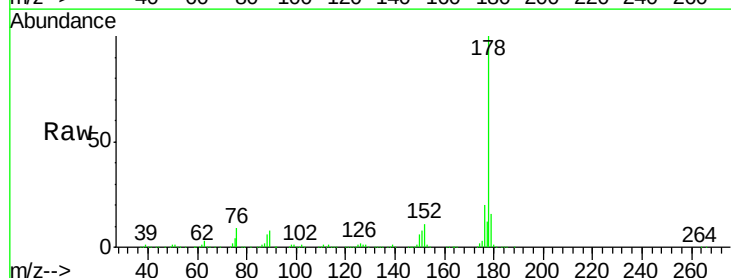
Manual Integrations
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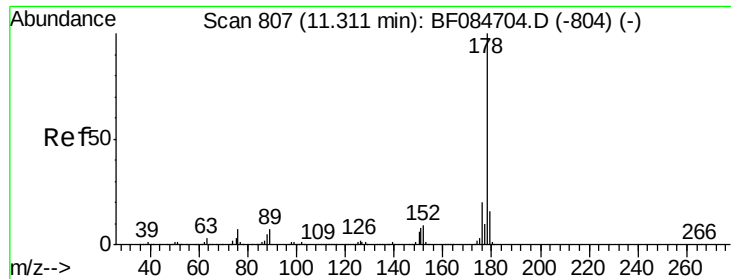
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#70
 Phenanthrene
 Concen: 38.65 ng
 RT: 11.15 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF085012.D
 Acq: 11 Feb 2016 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1174517		
176	20.1	15.3	22.9	
179	15.8	12.0	18.0	





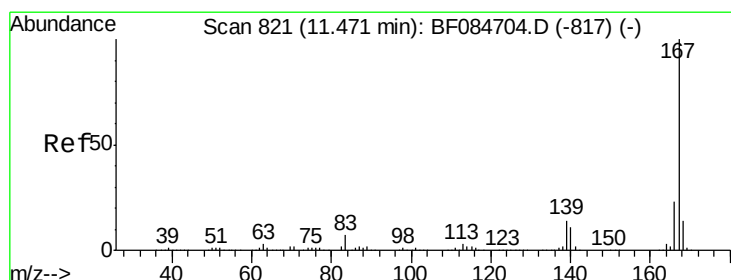
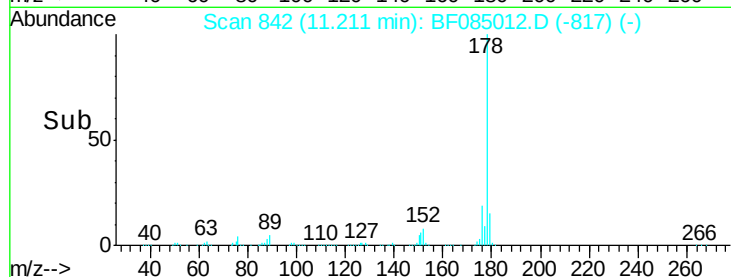
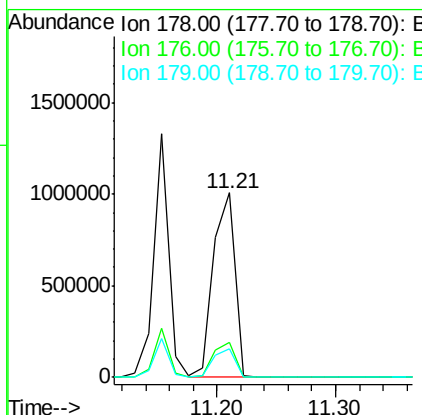
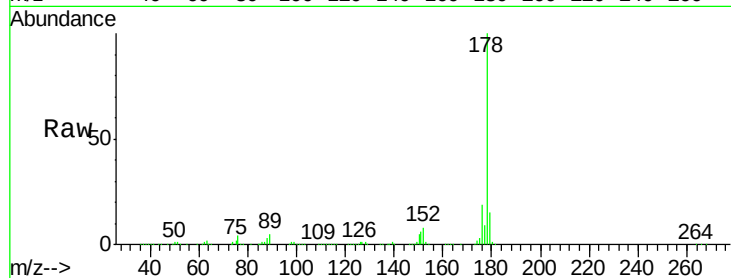
#71
 Anthracene
 Concen: 41.10 ng
 RT: 11.21 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF085012.D
 Acq: 11 Feb 2016 12:05

Instrument :
 BNA_F
 ClientSampleId :
 PB88297BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.2	12.5	18.7

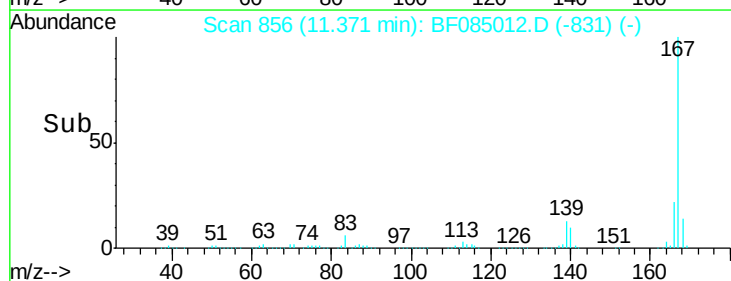
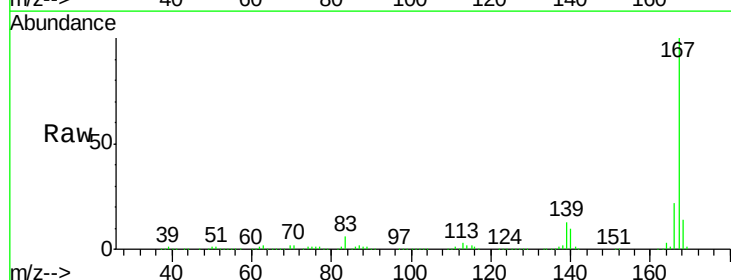
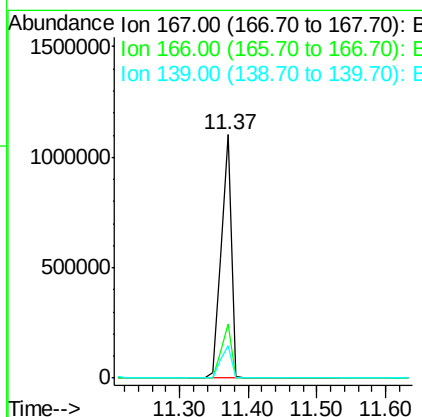
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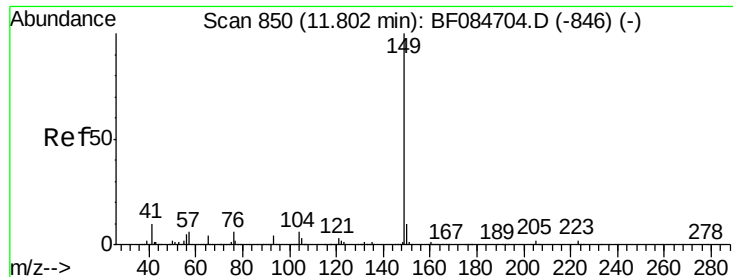
Sohil
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#72
 Carbazole
 Concen: 43.30 ng
 RT: 11.37 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: BF085012.D
 Acq: 11 Feb 2016 12:05

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	13.1	11.8	17.8





#73

Di-n-butylphthalate

Concen: 38.00 ng

RT: 11.70 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

Instrument :

BNA_F

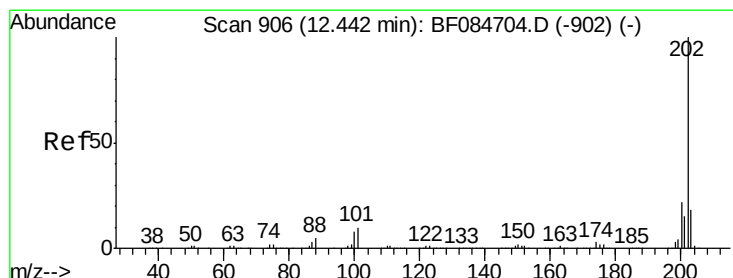
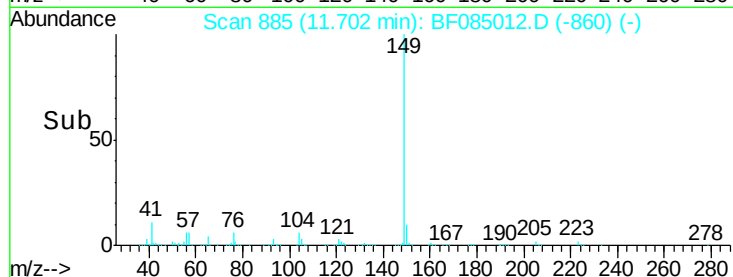
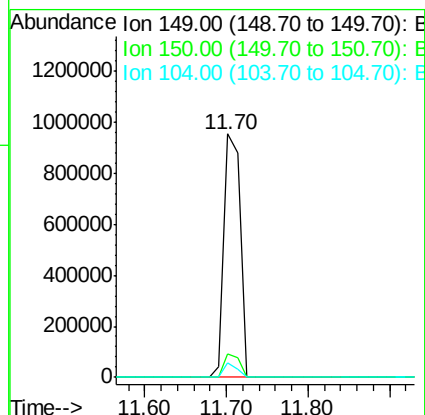
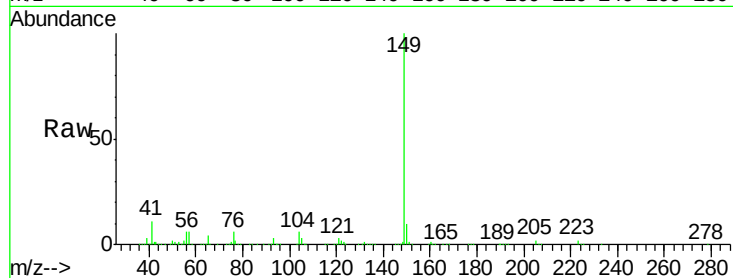
ClientSampleId :

PB88297BS

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Tgt Ion:	149	Resp:	1291842
Ion Ratio	Lower	Upper	
149	100		
150	9.8	7.1	10.7
104	5.8	3.2	4.8#



#74

Fluoranthene

Concen: 38.12 ng

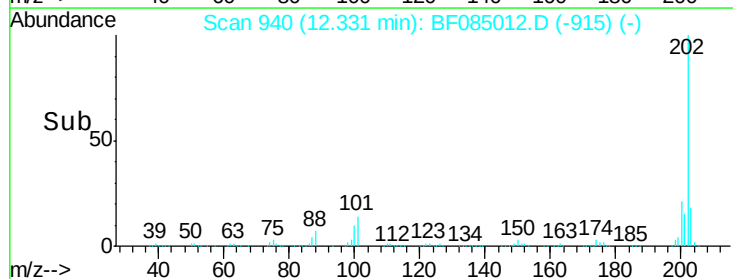
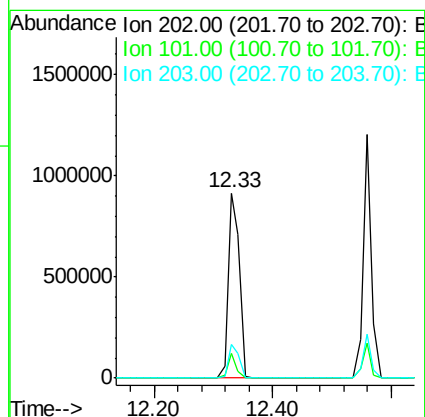
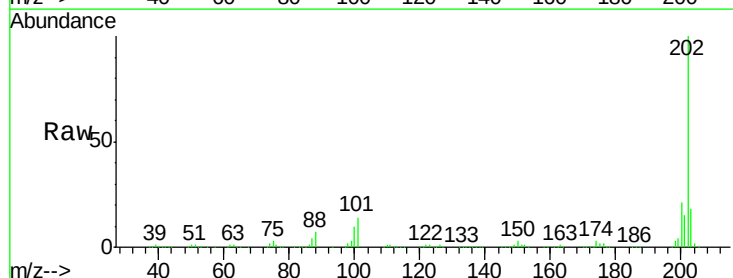
RT: 12.33 min Scan# 940

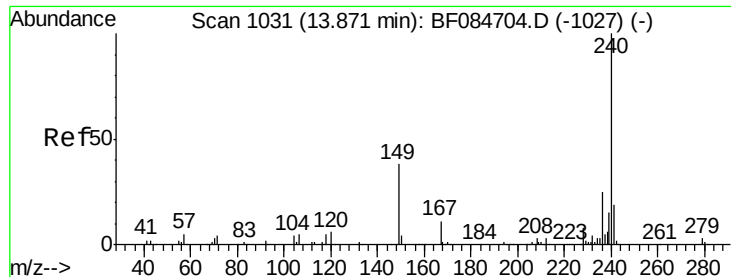
Delta R.T. -0.01 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

Tgt Ion:	202	Resp:	1172459
Ion Ratio	Lower	Upper	
202	100		
101	13.6	0.0	32.8
203	18.1	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

Instrument :

BNA_F

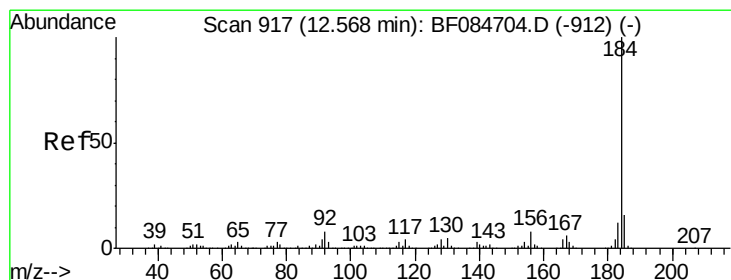
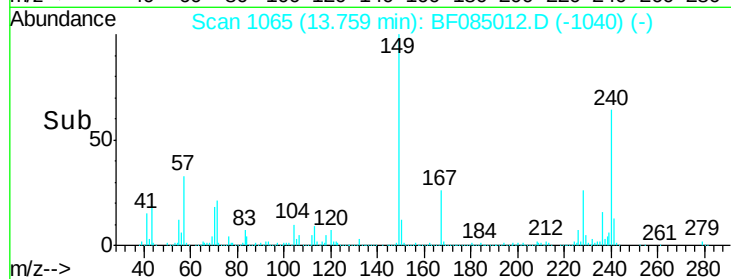
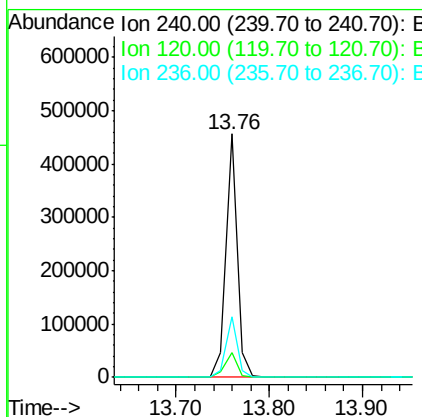
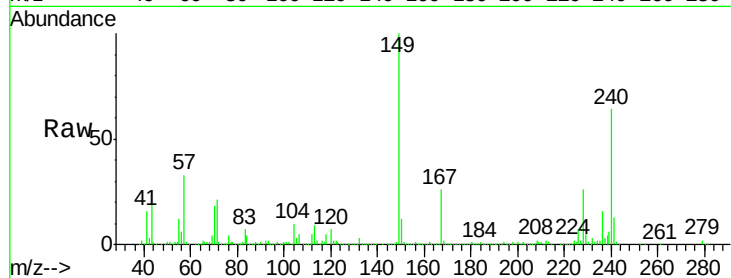
ClientSampleId :

PB88297BS

Tgt Ion:	240	Resp:	381700
Ion Ratio	Lower	Upper	
240	100		
120	10.2	9.5	14.3
236	24.8	20.6	31.0

Manual Integrations
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#76

Benzidine

Concen: 33.48 ng

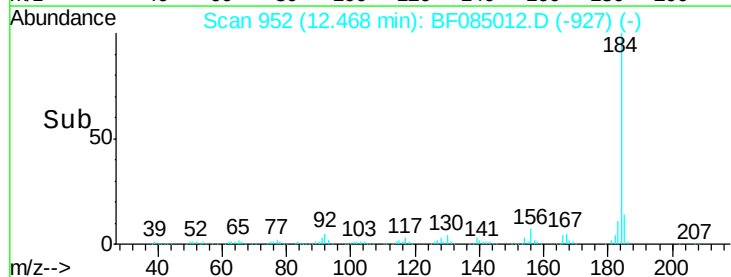
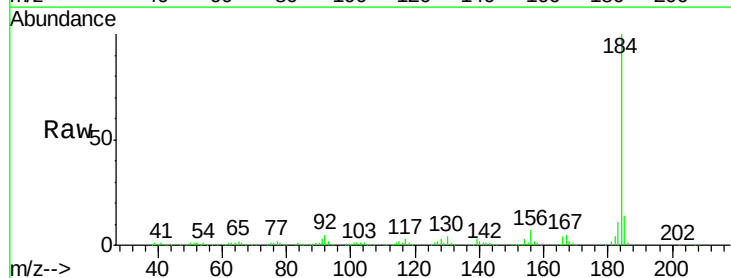
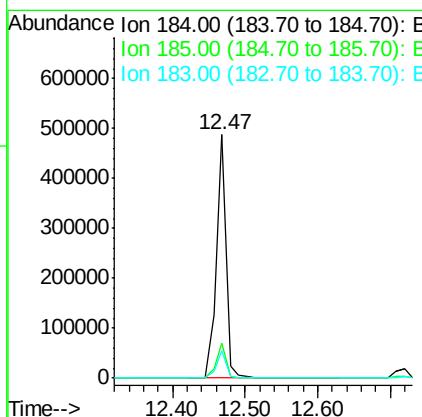
RT: 12.47 min Scan# 952

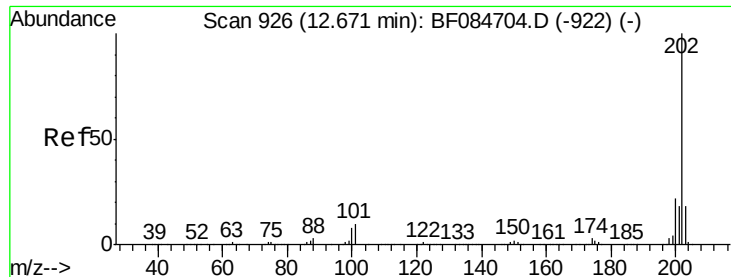
Delta R.T. -0.01 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

Tgt Ion:	184	Resp:	453060
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.2	18.2
183	11.4	9.8	14.8





#77

Pyrene

Concen: 39.33 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

Instrument :

BNA_F

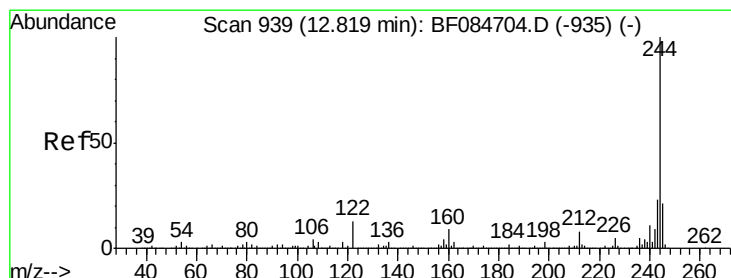
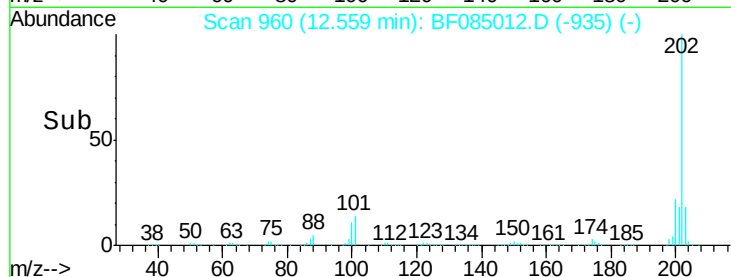
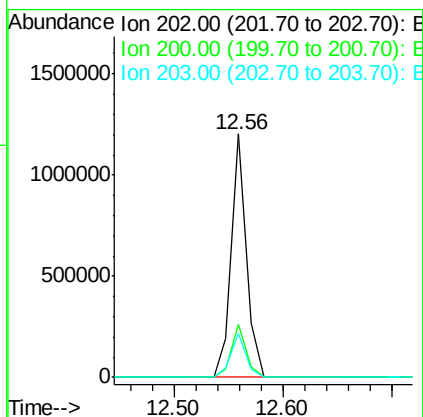
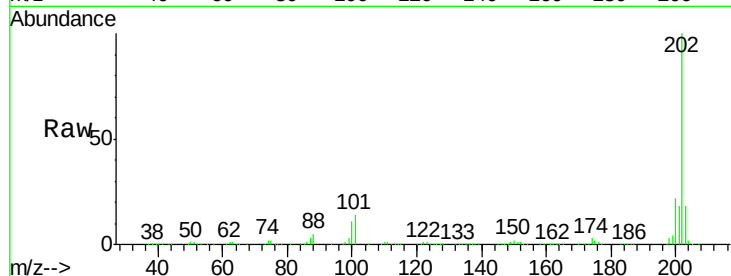
ClientSampleId :

PB88297BS

Tgt Ion:	202	Resp:	1149460
Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.2	25.8
203	18.1	14.3	21.5

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#78

Terphenyl-d14

Concen: 89.83 ng

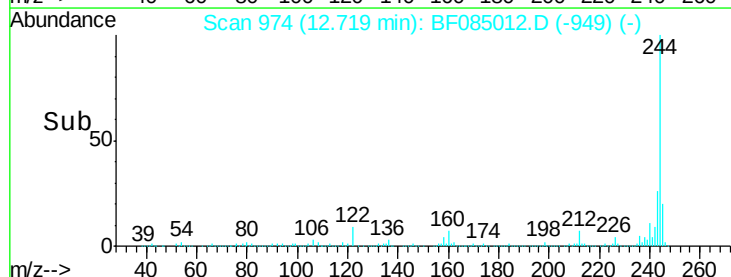
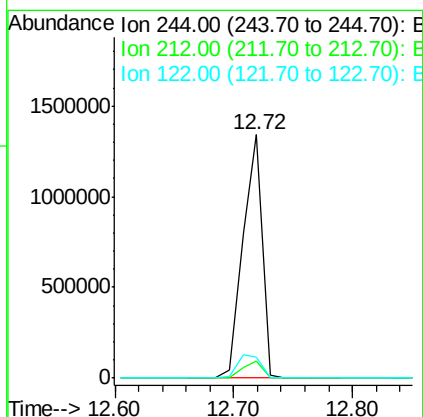
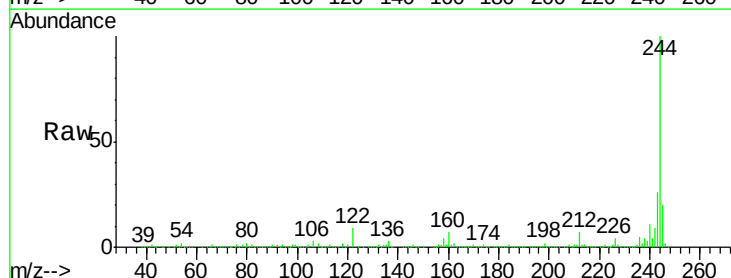
RT: 12.72 min Scan# 974

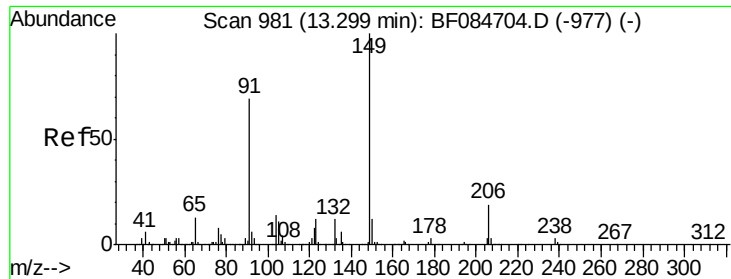
Delta R.T. -0.01 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

Tgt Ion:	244	Resp:	1513066
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	8.8	7.4	11.0





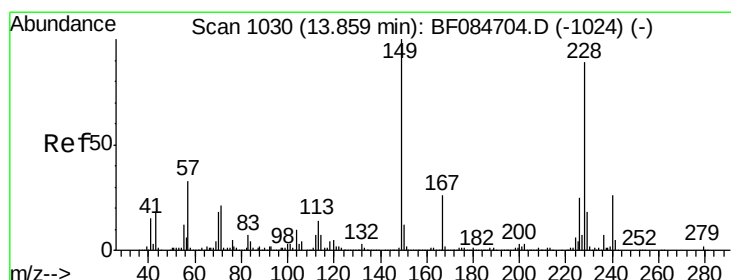
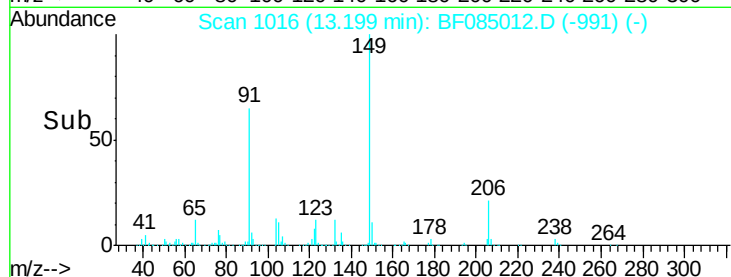
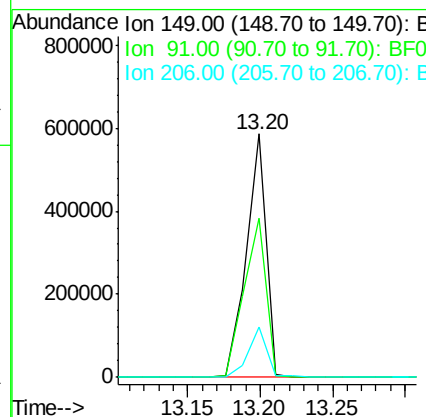
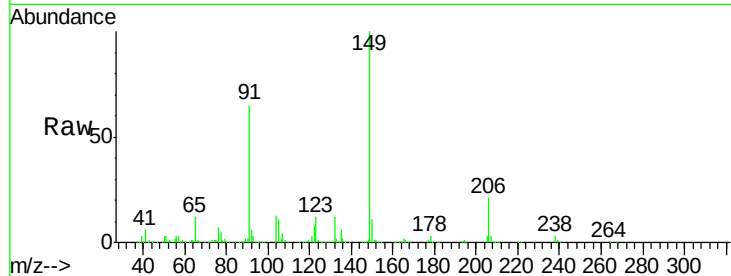
#79
Butylbenzylphthalate
Concen: 41.96 ng
RT: 13.20 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF085012.D
Acq: 11 Feb 2016 12:05

Instrument :
BNA_F
ClientSampleId :
PB88297BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	556277		
91	65.2	57.6	86.4	
206	20.5	13.2	19.8	

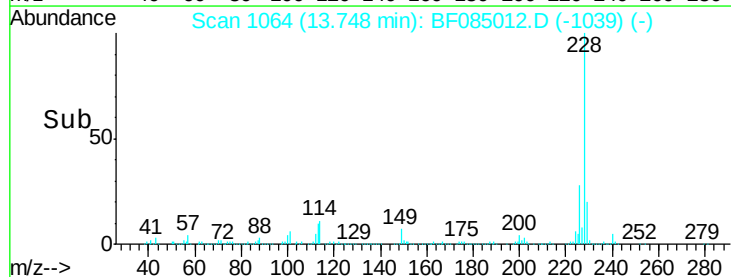
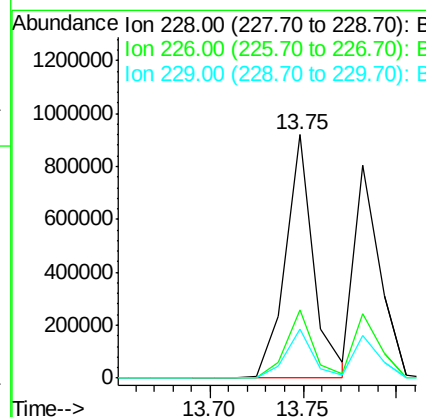
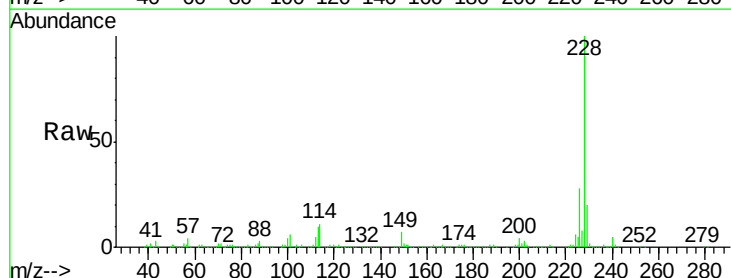
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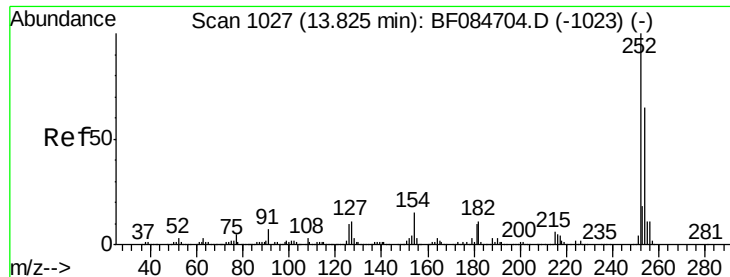
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#80
Benzo(a)anthracene
Concen: 40.64 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF085012.D
Acq: 11 Feb 2016 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	962752		
226	28.0	21.8	32.6	
229	20.4	15.8	23.8	





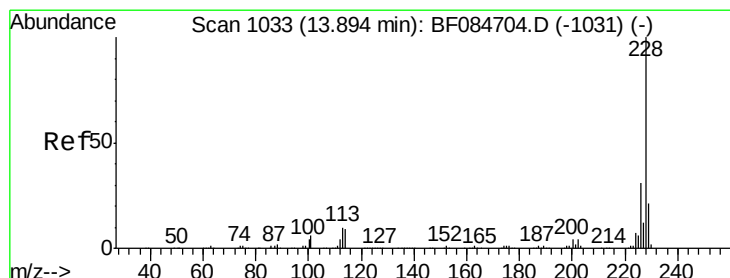
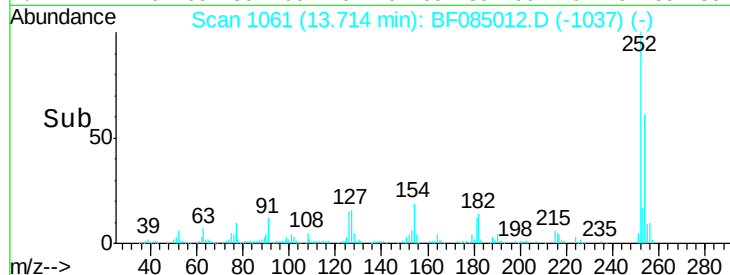
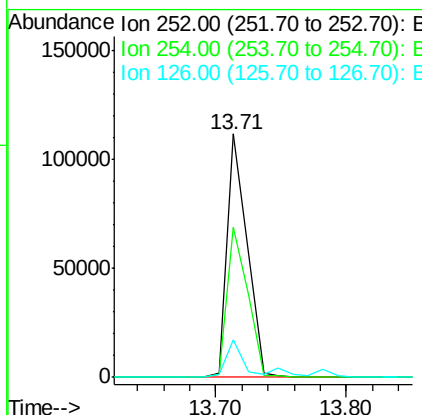
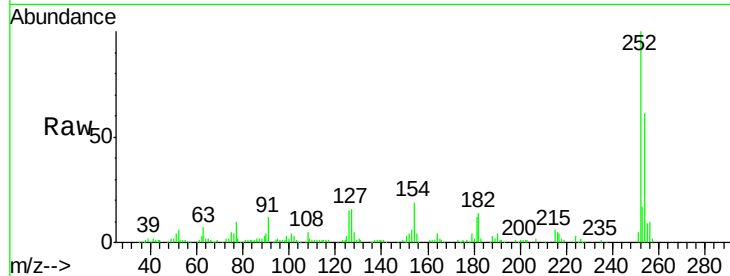
#81
 3,3'-Dichlorobenzidine
 Concen: 14.21 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BF085012.D
 Acq: 11 Feb 2016 12:05

Instrument :
 BNA_F
 ClientSampleId :
 PB88297BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	61.5	53.5	80.3
126	15.3	4.9	7.3

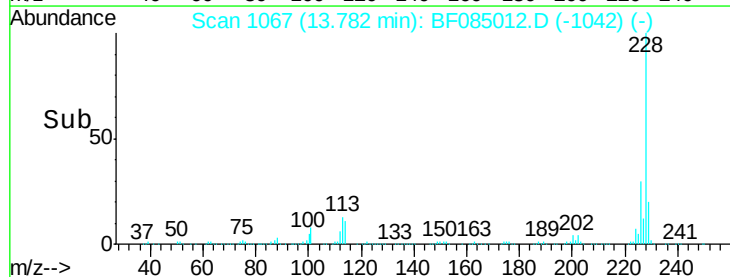
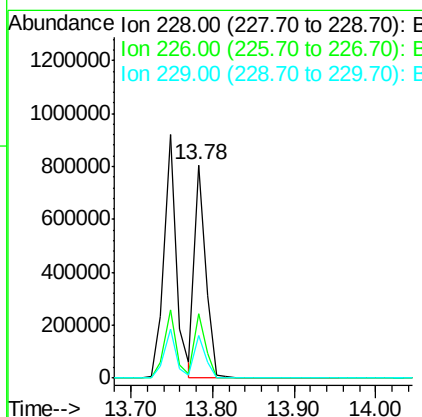
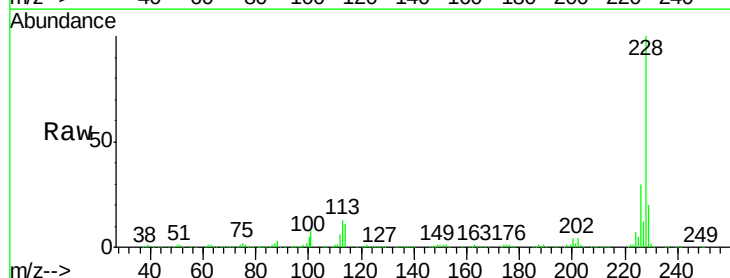
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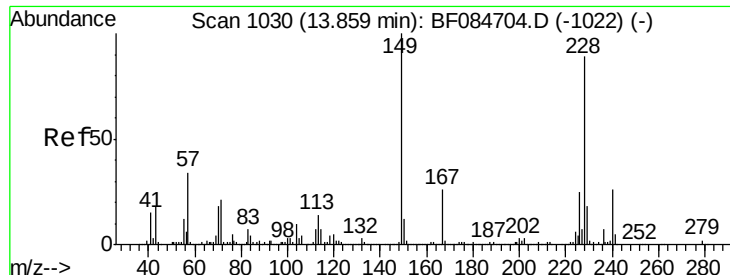
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#82
 Chrysene
 Concen: 33.96 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: BF085012.D
 Acq: 11 Feb 2016 12:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.2	24.3	36.5
229	20.2	16.1	24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.50 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BF085012.D

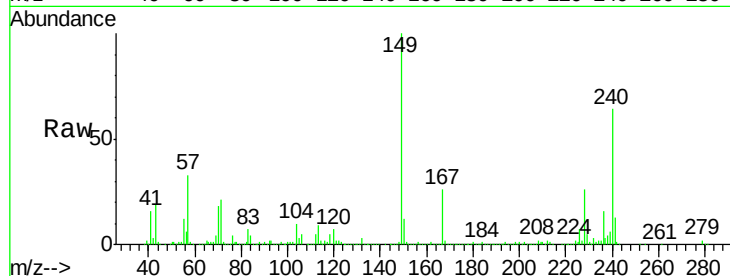
Acq: 11 Feb 2016 12:05

Instrument :

BNA_F

ClientSampleId :

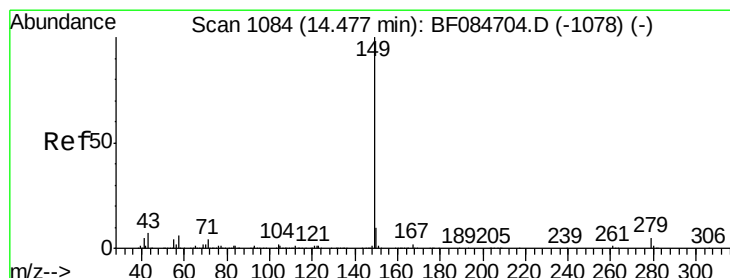
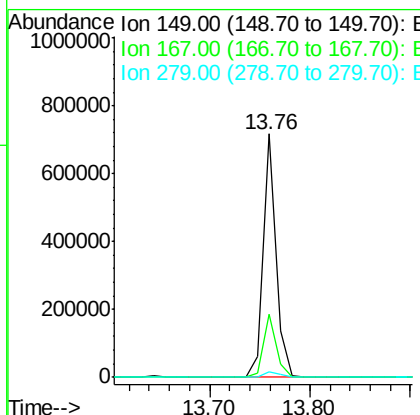
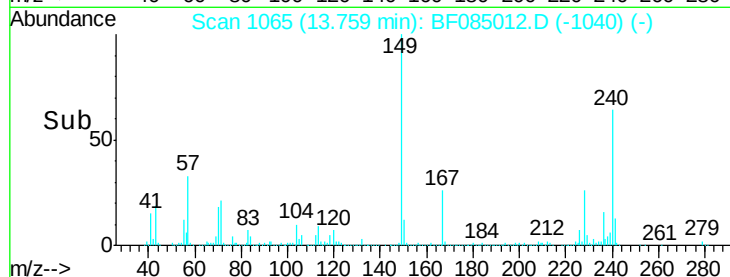
PB88297BS



Tgt Ion	Ratio	Resp	Lower	Upper
149	100	635235		
167	25.7	19.7	29.5	
279	2.2	1.8	2.6	

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#84

Di-n-octyl phthalate

Concen: 36.07 ng

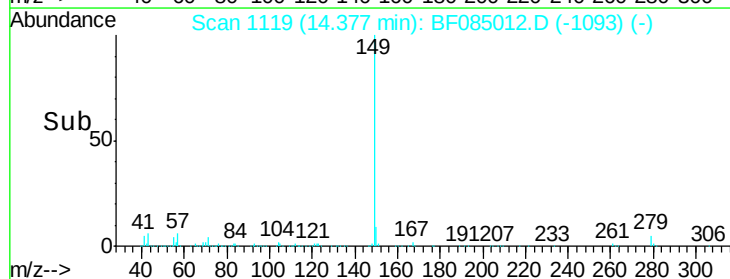
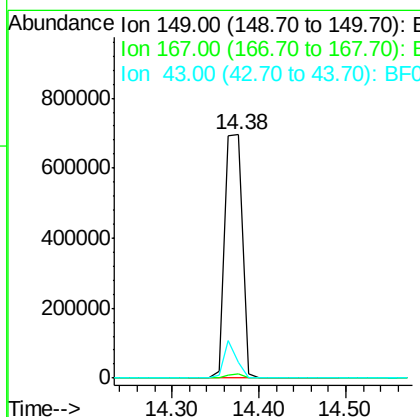
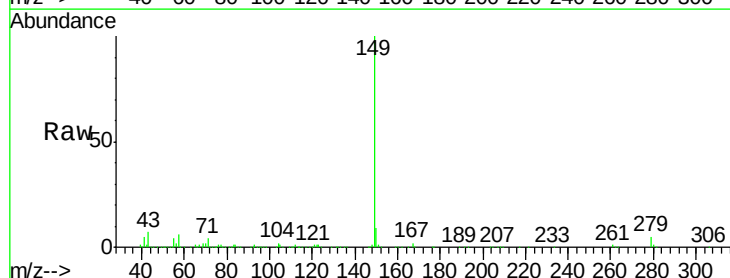
RT: 14.38 min Scan# 1119

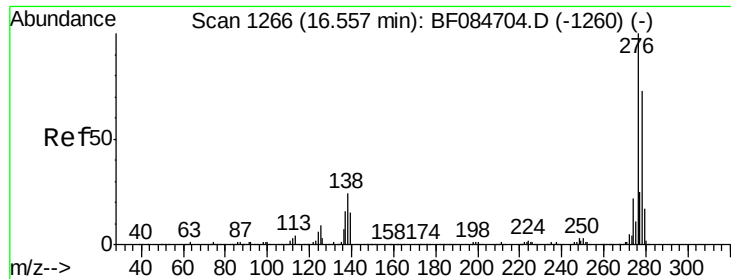
Delta R.T. -0.00 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	981906		
167	1.6	1.2	1.8	
43	10.9	5.6	8.4#	





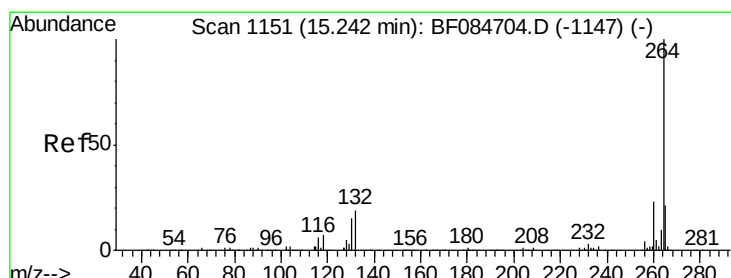
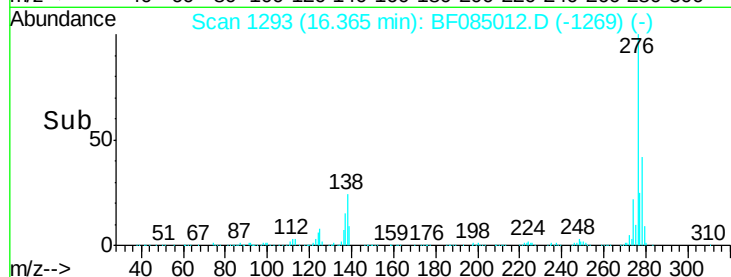
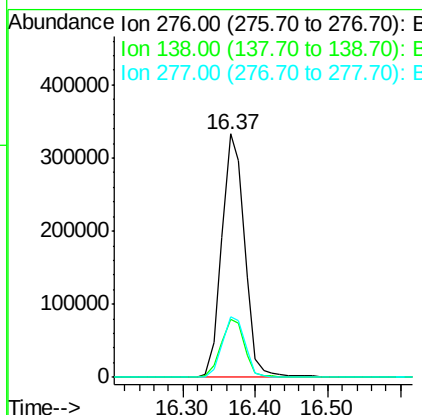
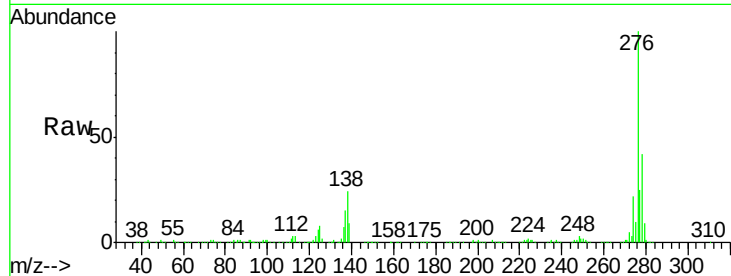
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.38 ng
RT: 16.37 min Scan# 1293
Delta R.T. -0.02 min
Lab File: BF085012.D
Acq: 11 Feb 2016 12:05

Instrument :
BNA_F
ClientSampleId :
PB88297BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.6	20.6	30.8
277	25.1	20.1	30.1

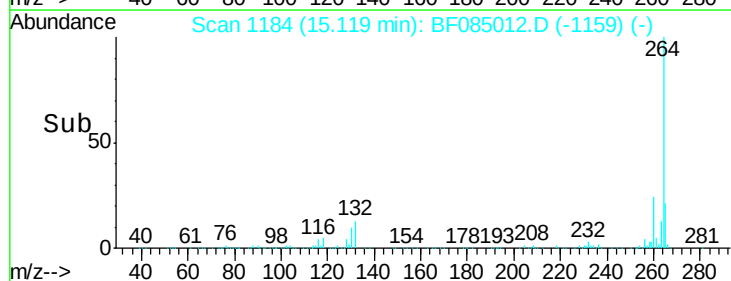
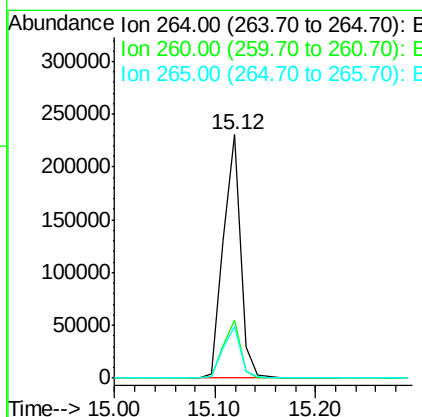
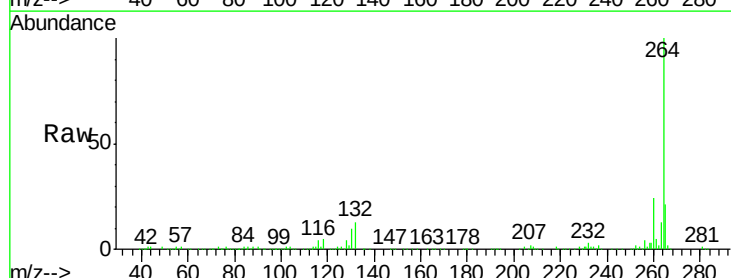
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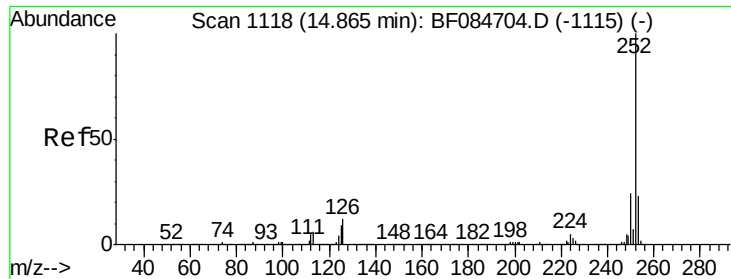
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.12 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF085012.D
Acq: 11 Feb 2016 12:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	21.1	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 43.64 ng m

RT: 14.75 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

Instrument :

BNA_F

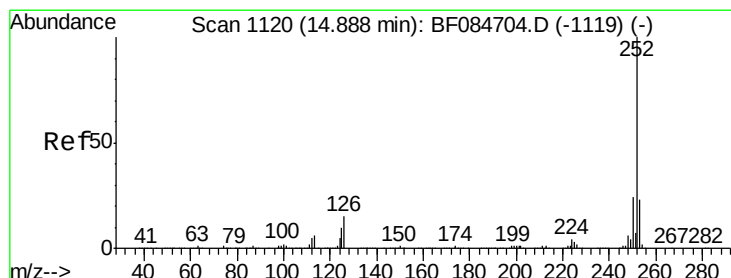
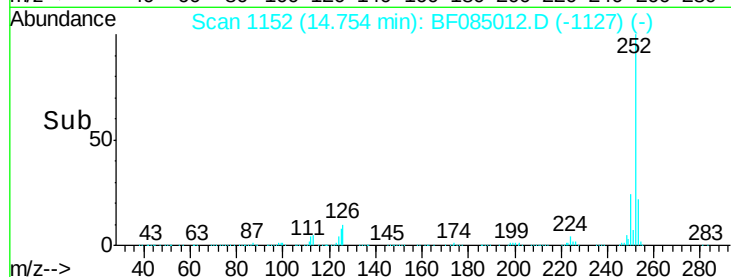
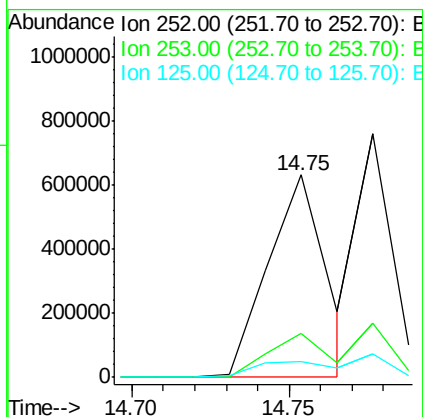
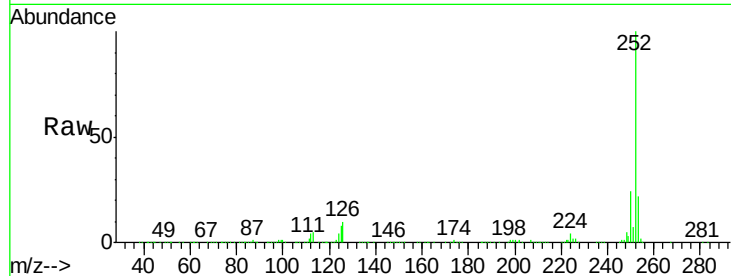
ClientSampleId :

PB88297BS

Tgt Ion:	252	Resp:	809734
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.3	25.9
125	7.9	6.5	9.7

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#88

Benzo(k)fluoranthene

Concen: 39.49 ng m

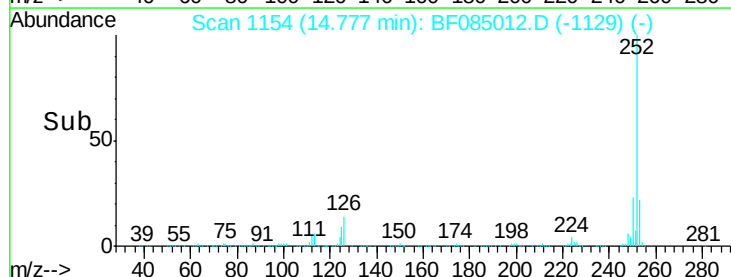
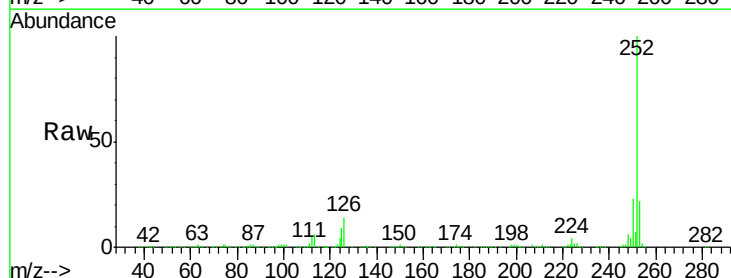
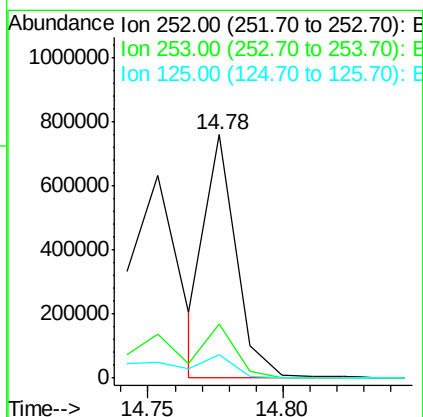
RT: 14.78 min Scan# 1154

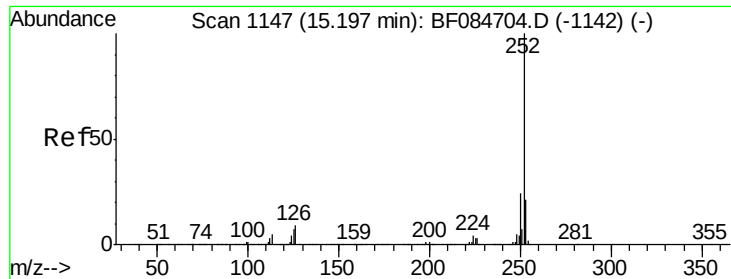
Delta R.T. -0.01 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

Tgt Ion:	252	Resp:	605773
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.1	27.1
125	9.4	9.0	13.6





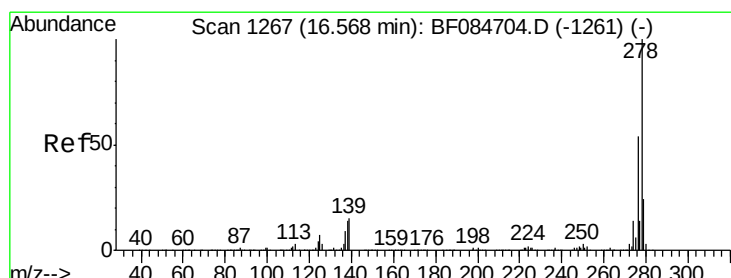
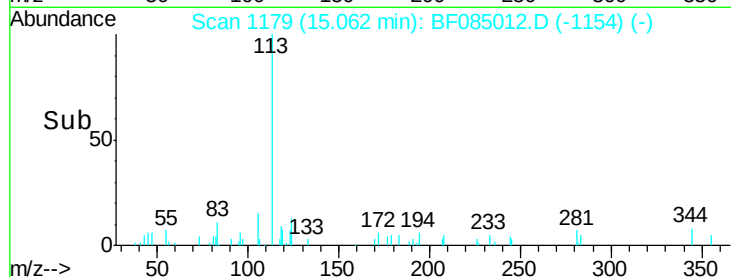
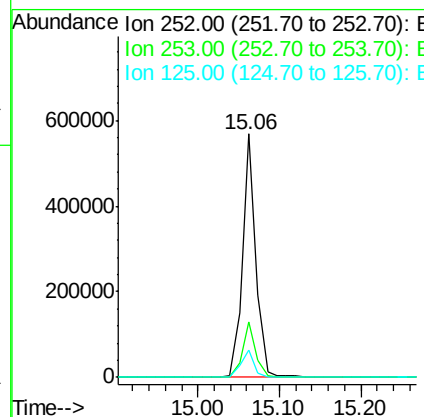
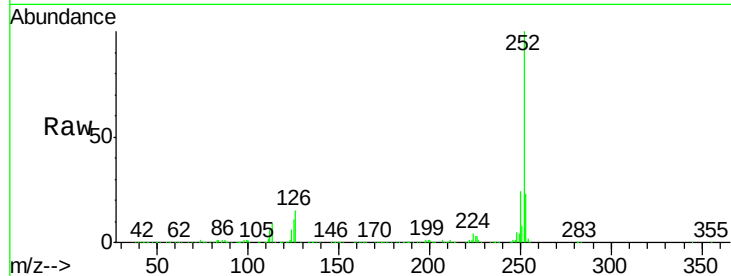
#89
Benzo(a)pyrene
Concen: 40.92 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF085012.D
Acq: 11 Feb 2016 12:05

Instrument :
BNA_F
ClientSampleId :
PB88297BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.3	25.9
125	11.3	7.0	10.4

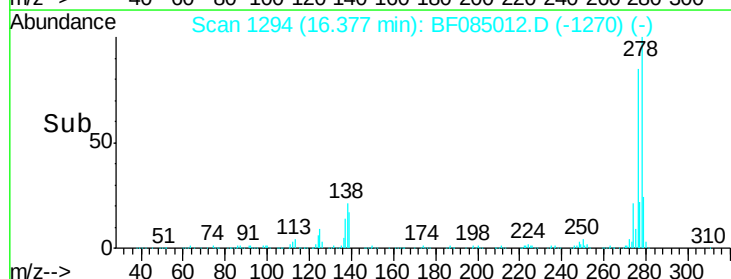
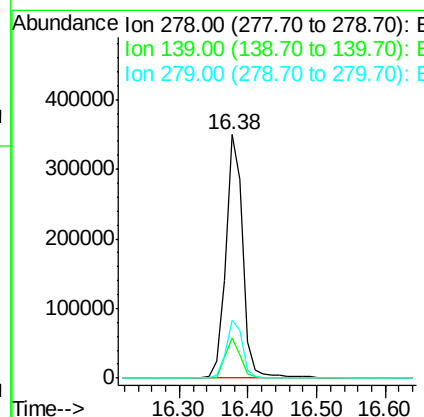
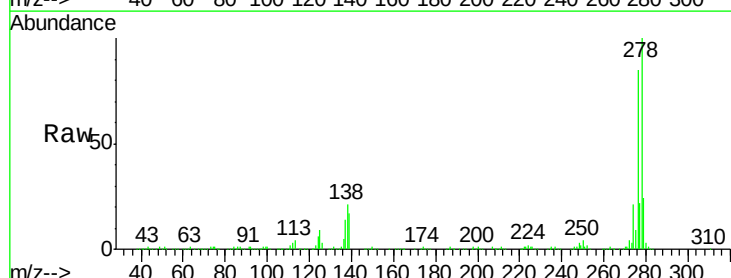
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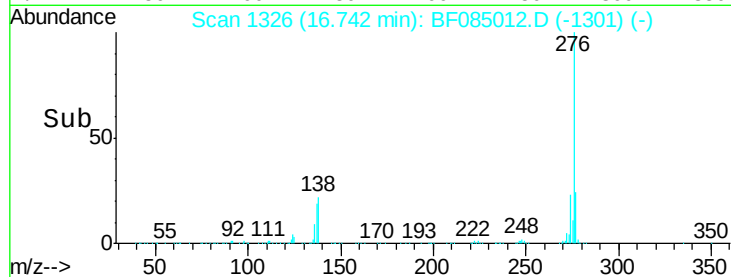
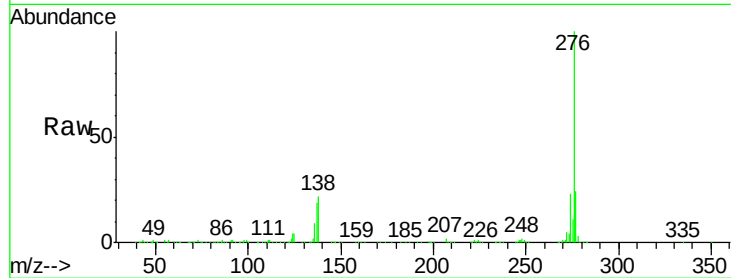
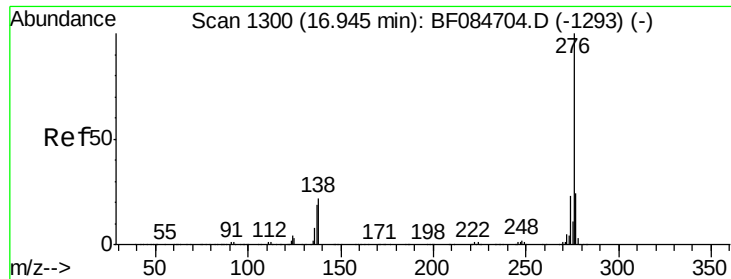
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#90
Dibenzo(a,h)anthracene
Concen: 46.06 ng
RT: 16.38 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BF085012.D
Acq: 11 Feb 2016 12:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.7	15.0	22.4
279	23.8	18.9	28.3





#91

Benzo(g,h,i)perylene

Concen: 47.56 ng

RT: 16.74 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

Instrument :

BNA_F

ClientSampleId :

PB88297BS

Tgt Ion:	276	Resp:	637587
Ion Ratio	Lower	Upper	
276	100		
277	24.0	18.8	28.2
138	22.2	17.8	26.6

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