

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072715\
 Data File : BF080686.D
 Acq On : 27 Jul 2015 23:05
 Operator : TP/UM
 Sample : PB84679BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84679BSD

Manual Integrations
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apatel
 7/29/2015 10:40:47 AM

Quant Time: Jul 28 07:50:04 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 28 07:40:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	36562	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	130646	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	57704	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	90903	20.00	ng	0.00
75) Chrysene-d12	14.20	240	60358	20.00	ng	-0.05
86) Perylene-d12	15.84	264	28660	20.00	ng	-0.08

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	195642	83.69	ng	0.00
7) Phenol-d6	6.53	99	232345	93.84	ng	0.00
23) Nitrobenzene-d5	7.48	82	246469	96.59	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	53669	105.18	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	435513	94.46	ng	0.00
78) Terphenyl-d14	13.06	244	292358	82.49	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	37744	38.26	ng	95
3) Pyridine	3.29	79	112068	44.90	ng	96
4) n-Nitrosodimethylamine	3.20	42	58528	36.50	ng	97
6) Aniline	6.58	93	72086	20.39	ng	95
8) 2-Chlorophenol	6.70	128	105557	46.39	ng	97
9) Benzaldehyde	6.46	77	26091	15.61	ng	99
10) Phenol	6.54	94	117002	42.09	ng	95
11) bis(2-Chloroethyl)ether	6.65	93	92418	45.58	ng	98
12) 1,3-Dichlorobenzene	6.86	146	123408	44.52	ng	99
13) 1,4-Dichlorobenzene	6.94	146	119174	44.00	ng	99
14) 1,2-Dichlorobenzene	7.09	146	113935	44.37	ng	99
15) Benzyl Alcohol	7.06	79	100521	50.28	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.21	45	183669	48.75	ng	98
17) 2-Methylphenol	7.17	107	74028	46.83	ng	# 88
18) Hexachloroethane	7.44	117	41143	46.20	ng	99
19) n-Nitroso-di-n-propylamine	7.33	70	72807	50.09	ng	# 77
20) 3+4-Methylphenols	7.32	107	105895	49.06	ng	93
22) Acetophenone	7.33	105	144157	42.62	ng	97
24) Nitrobenzene	7.50	77	109791	43.49	ng	99
25) Isophorone	7.74	82	189634	47.94	ng	97
26) 2-Nitrophenol	7.82	139	43853	43.45	ng	96
27) 2,4-Dimethylphenol	7.86	122	85144m	43.58	ng	
28) bis(2-Chloroethoxy)methane	7.95	93	107054	45.85	ng	99
29) 2,4-Dichlorophenol	8.06	162	74969	45.72	ng	# 82
30) 1,2,4-Trichlorobenzene	8.16	180	88166	42.32	ng	98
31) Naphthalene	8.24	128	274019	42.64	ng	99
32) Benzoic acid	7.92	122	48877m	51.26	ng	
33) 4-Chloroaniline	8.28	127	42885	18.64	ng	95
34) Hexachlorobutadiene	8.35	225	53153	40.68	ng	93
35) Caprolactam	8.60	113	18585	54.97	ng	# 80
36) 4-Chloro-3-methylphenol	8.75	107	84809	51.20	ng	98
37) 2-Methylnaphthalene	8.92	142	193749	47.29	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	84709	39.92	ng	99
40) Hexachlorocyclopentadiene	9.08	237	121175	89.04	ng	96

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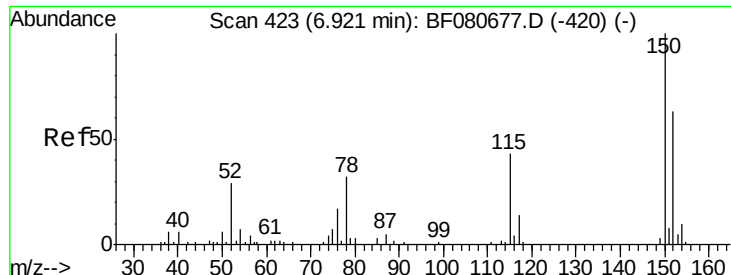
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	59961	42.04	nq	99
43) 2,4,5-Trichlorophenol	9.23	196	58698	45.60	nq	94
45) 1,1'-Biphenyl	9.39	154	209739	43.00	nq	98
46) 2-Chloronaphthalene	9.41	162	175193	43.14	nq	96
47) 2-Nitroaniline	9.50	65	45379	47.30	nq	# 38
48) Acenaphthylene	9.82	152	275680	42.89	nq	98
49) Dimethylphthalate	9.68	163	173035	45.39	nq	99
50) 2,6-Dinitrotoluene	9.74	165	38206	51.34	nq	# 83
51) Acenaphthene	10.00	154	175931	46.50	nq	99
52) 3-Nitroaniline	9.90	138	26902	31.70	nq	99
53) 2,4-Dinitrophenol	10.01	184	22359	115.26	nq	# 48
54) Dibenzofuran	10.17	168	237181	45.92	nq	96
55) 4-Nitrophenol	10.05	139	53672	93.95	nq	# 81
56) 2,4-Dinitrotoluene	10.14	165	48687	57.30	nq	95
57) Fluorene	10.51	166	181068	46.21	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.28	232	42592	49.45	nq	# 82
59) Diethylphthalate	10.38	149	186111	51.92	nq	100
60) 4-Chlorophenyl-phenylether	10.51	204	84330	48.95	nq	100
61) 4-Nitroaniline	10.51	138	30753	42.04	nq	95
62) Azobenzene	10.66	77	174313	49.71	nq	98
64) 4,6-Dinitro-2-methylphenol	10.54	198	17533	50.73	nq	94
65) n-Nitrosodiphenylamine	10.62	169	145345	46.60	nq	97
66) 4-Bromophenyl-phenylether	11.00	248	46176	47.26	nq	94
67) Hexachlorobenzene	11.06	284	51632	44.67	nq	96
68) Atrazine	11.15	200	39463	64.77	nq	93
69) Pentachlorophenol	11.25	266	51463	113.97	nq	95
70) Phenanthrene	11.47	178	237494	45.63	nq	99
71) Anthracene	11.53	178	255512	50.49	nq	96
72) Carbazole	11.68	167	196310	46.20	nq	99
73) Di-n-butylphthalate	12.02	149	239889	55.23	nq	98
74) Fluoranthene	12.67	202	221250	53.60	nq	97
76) Benzidine	12.80	184	41186	25.10	nq	100
77) Pyrene	12.91	202	213687	42.44	nq	99
79) Butylbenzylphthalate	13.57	149	71918	48.82	nq	92
80) Benzo(a)anthracene	14.19	228	149838	42.86	nq	98
81) 3,3'-Dichlorobenzidine	14.16	252	16686	18.30	nq	# 96
82) Chrysene	14.24	228	153864	43.90	nq	96
83) Bis(2-ethylhexyl)phthalate	14.21	149	90710	50.43	nq	# 96
84) Di-n-octyl phthalate	14.93	149	115126	53.89	nq	# 99
85) Indeno(1,2,3-cd)pyrene	17.31	276	50164	35.04	nq	97
87) Benzo(b)fluoranthene	15.40	252	95634	46.71	nq	99
88) Benzo(k)fluoranthene	15.43	252	94092m	47.69	nq	
89) Benzo(a)pyrene	15.77	252	77166	48.32	nq	94
90) Dibenzo(a,h)anthracene	17.35	278	43890	41.13	nq	98
91) Benzo(g,h,i)perylene	17.76	276	41177	39.80	nq	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF080686.D

Acq: 27 Jul 2015 23:05

Instrument :

BNA_F

ClientSampleId :

PB84679BSD

Tot Ion:152 Resp: 36562

Ion Ratio Lower Upper

152 100

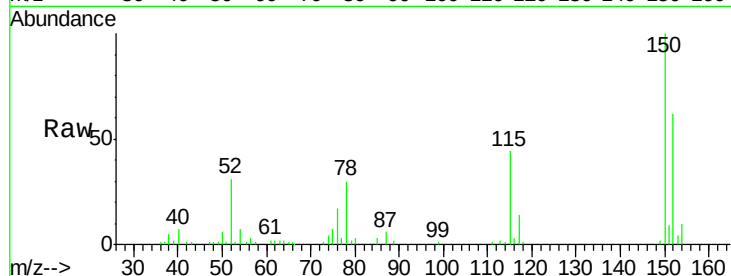
150 160.2 127.7 191.5

115 69.8 54.2 81.4

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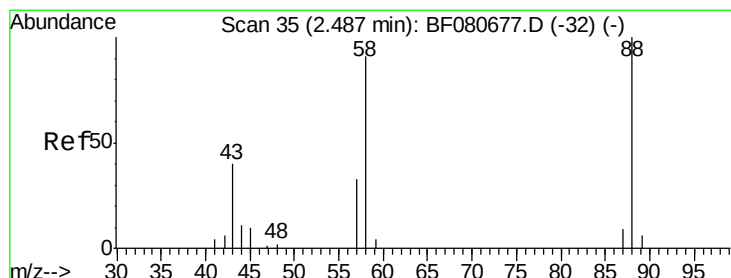
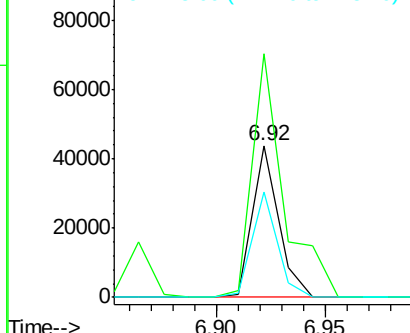
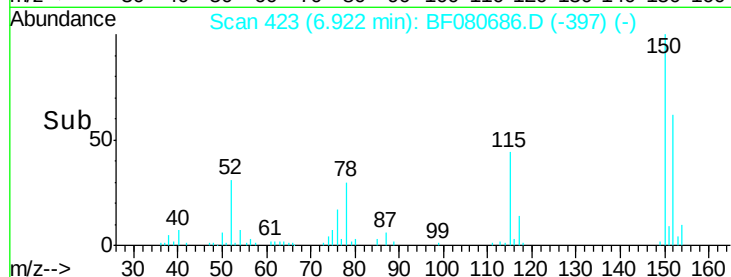
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.26 ng

RT: 2.52 min Scan# 38

Delta R.T. 0.04 min

Lab File: BF080686.D

Acq: 27 Jul 2015 23:05

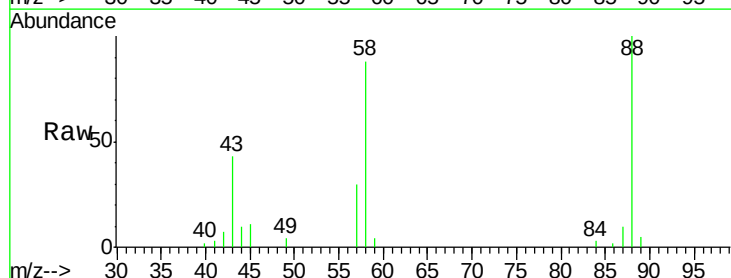
Tgt Ion: 88 Resp: 37744

Ion Ratio Lower Upper

88 100

58 93.7 71.6 107.4

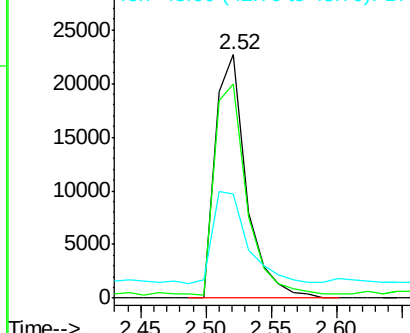
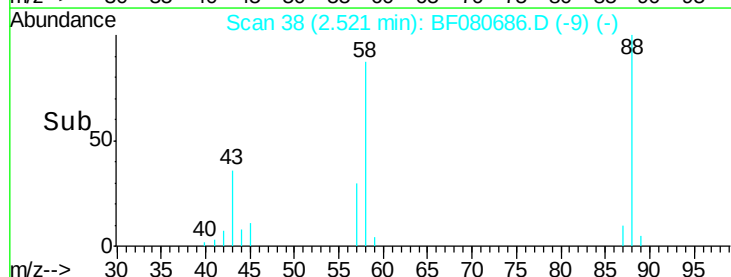
43 42.4 31.4 47.0

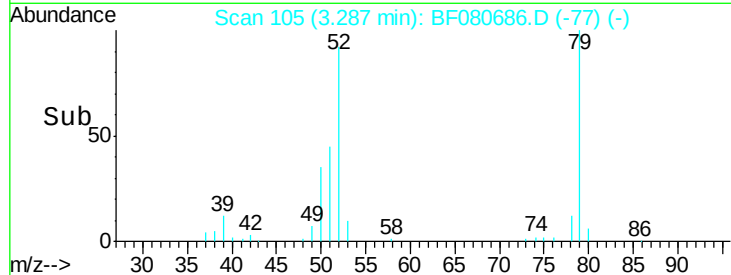
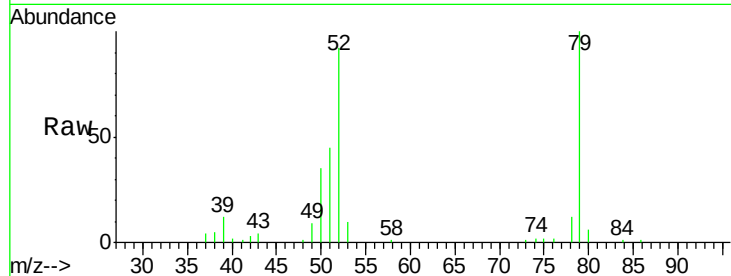
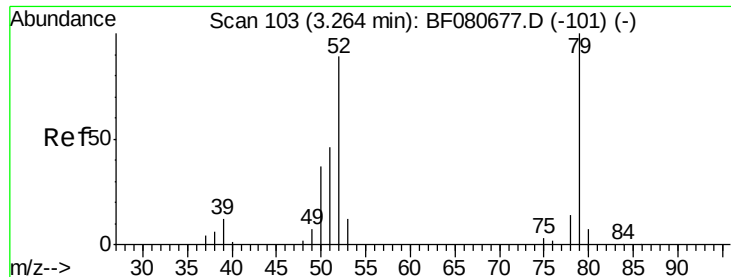


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





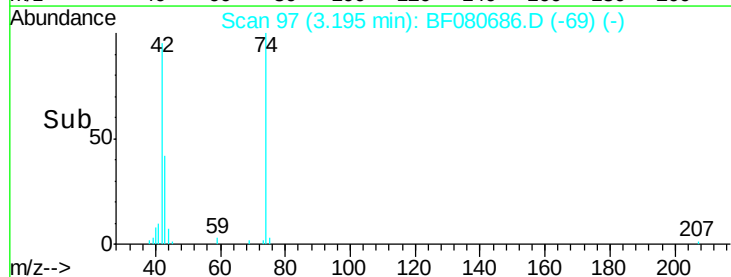
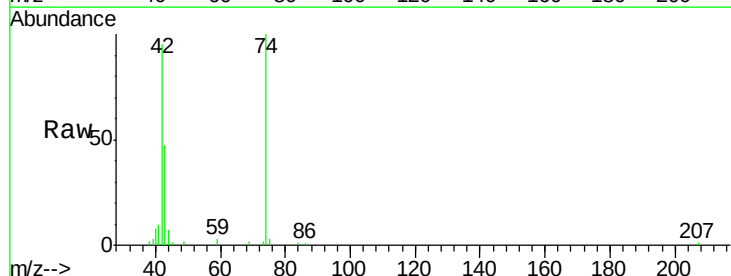
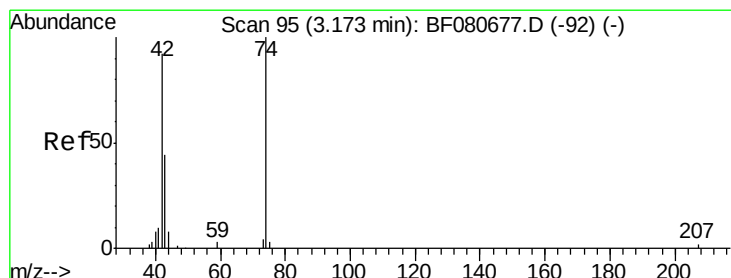
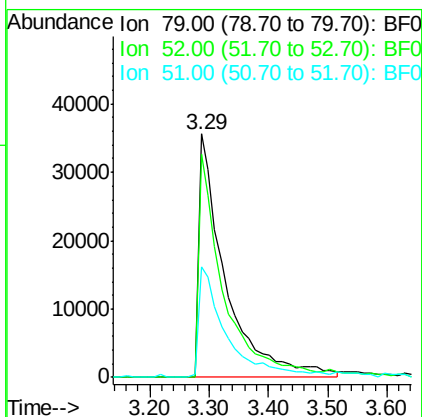
#3
 Pvridine
 Concen: 44.90 ng
 RT: 3.29 min Scan# 105
 Delta R.T. 0.02 min
 Lab File: BF080686.D
 Acq: 27 Jul 2015 23:05

Tot Ion:	79	Resp:	112068
Ion Ratio	Lower	Upper	
79	100		
52	91.5	71.1	106.7
51	45.3	39.0	58.4

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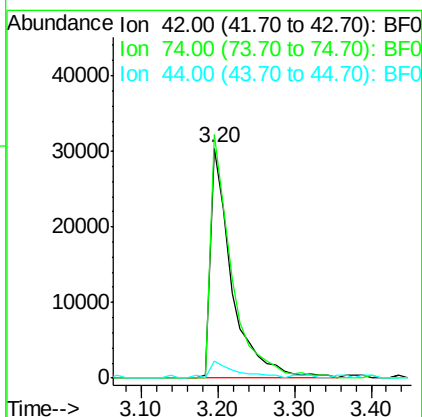
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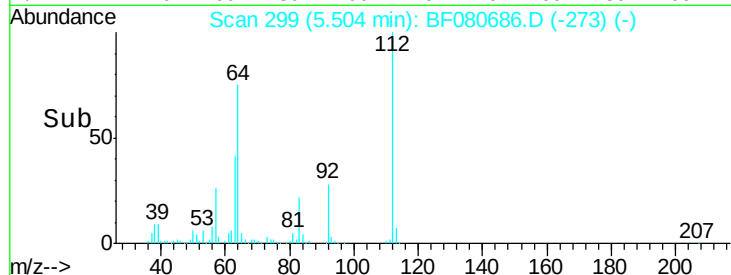
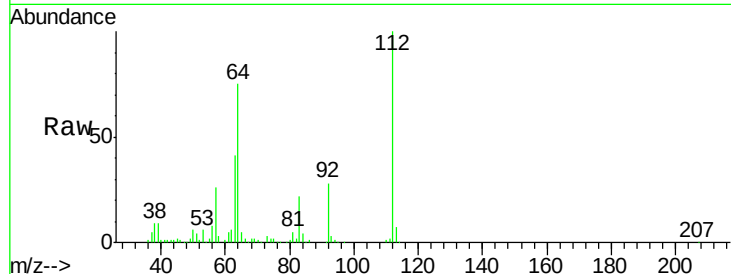
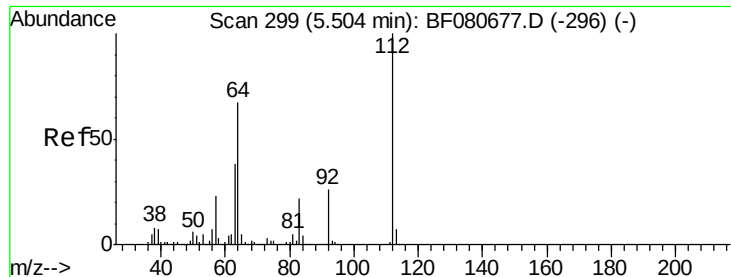
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#4
 n-Nitrosodimethylamine
 Concen: 36.50 ng
 RT: 3.20 min Scan# 97
 Delta R.T. 0.02 min
 Lab File: BF080686.D
 Acq: 27 Jul 2015 23:05

Tgt Ion:	42	Resp:	58528
Ion Ratio	Lower	Upper	
42	100		
74	105.8	87.0	130.6
44	7.6	6.9	10.3





#5

2-Fluorophenol

Concen: 83.69 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.00 min

Lab File: BF080686.D

Acq: 27 Jul 2015 23:05

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		195642		
64	75.2	53.2	79.8		
63	41.3	30.4	45.6		

Instrument :

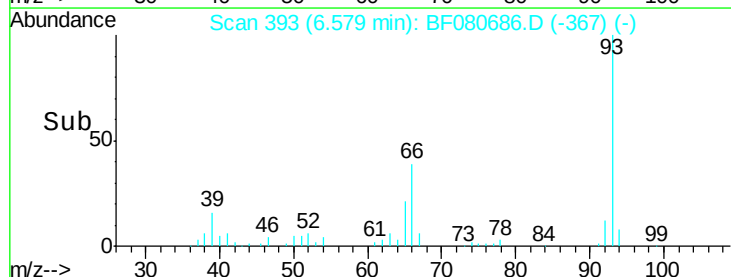
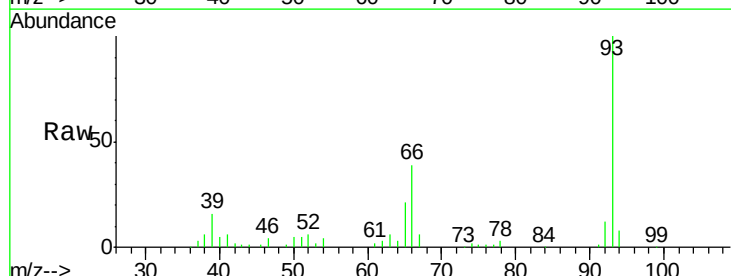
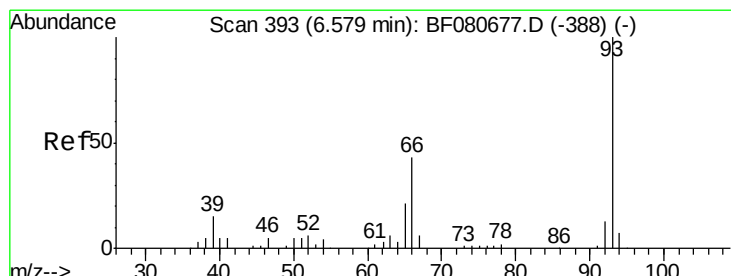
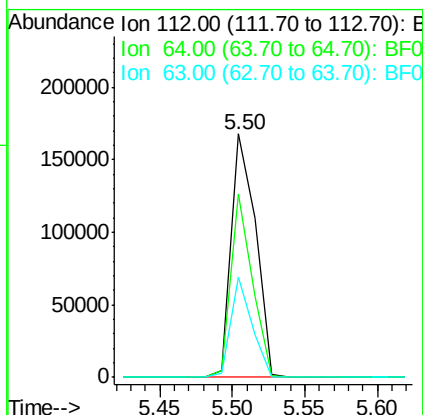
BNA_F

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#6

Aniline

Concen: 20.39 ng

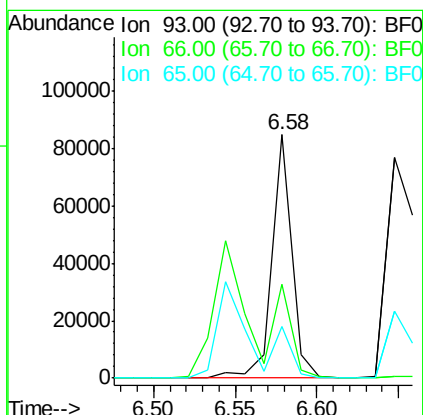
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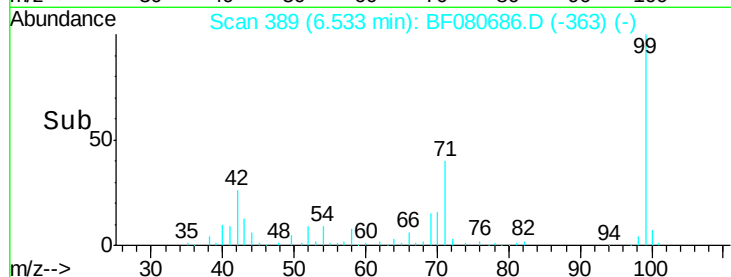
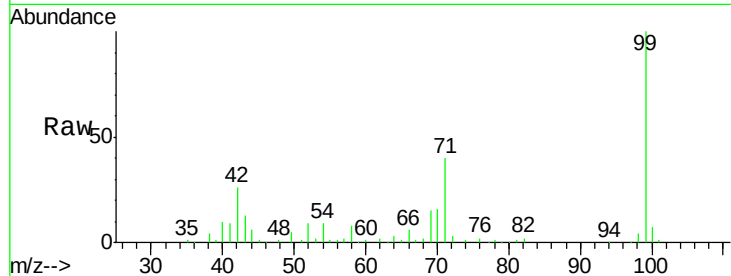
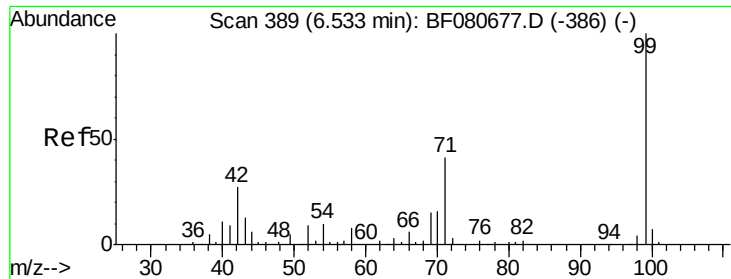
Delta R.T. 0.00 min

Lab File: BF080686.D

Acq: 27 Jul 2015 23:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		72086		
66	38.8	34.6	52.0		
65	21.2	16.5	24.7		





#7

Phenol-d6

Concen: 93.84 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF080686.D

Acq: 27 Jul 2015 23:05

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		232345		
42	26.4	21.8	32.8		
71	40.3	32.9	49.3		

Instrument :

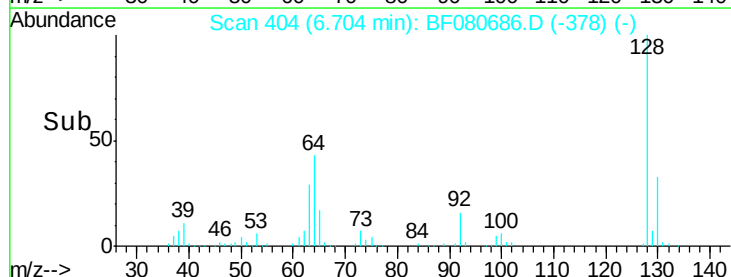
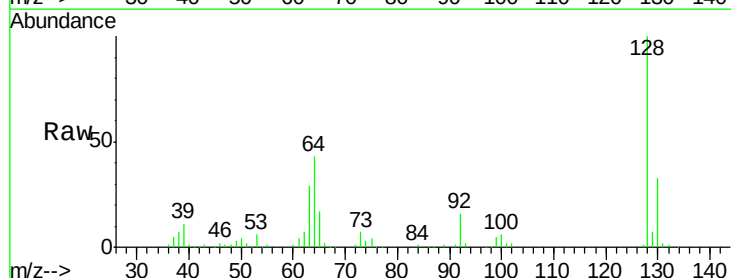
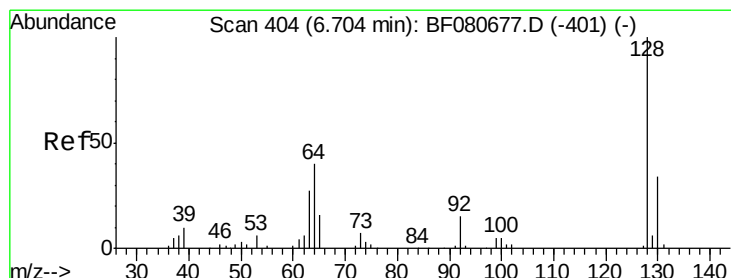
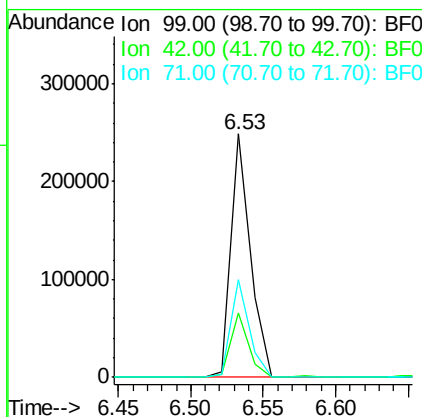
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#8

2-Chlorophenol

Concen: 46.39 ng

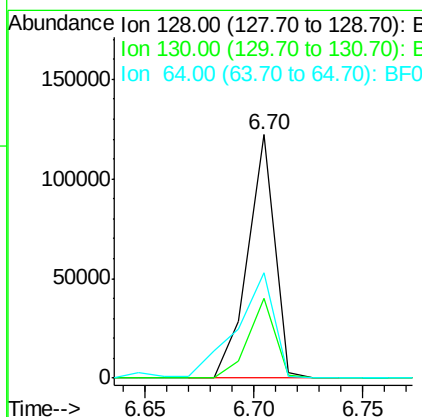
RT: 6.70 min Scan# 404

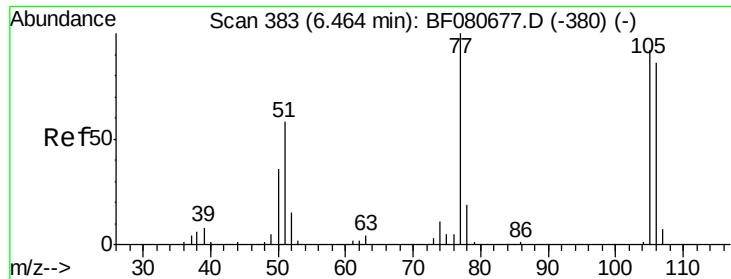
Delta R.T. 0.00 min

Lab File: BF080686.D

Acq: 27 Jul 2015 23:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		105557		
130	33.0	14.0	54.0		
64	43.1	20.6	60.6		





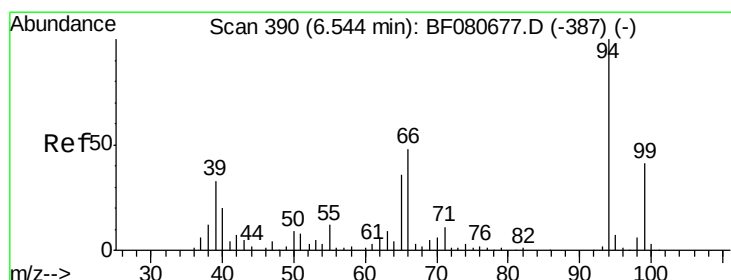
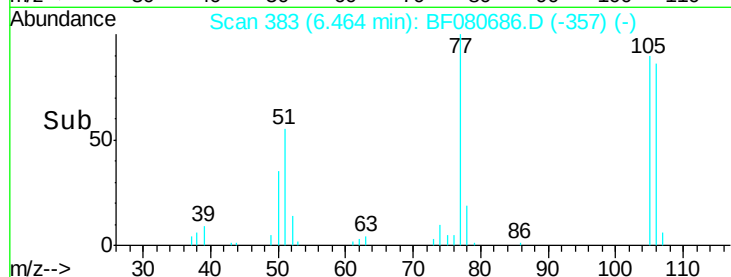
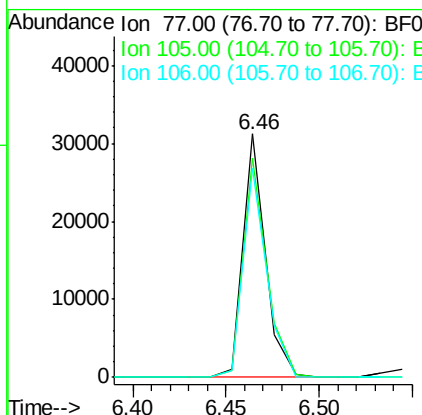
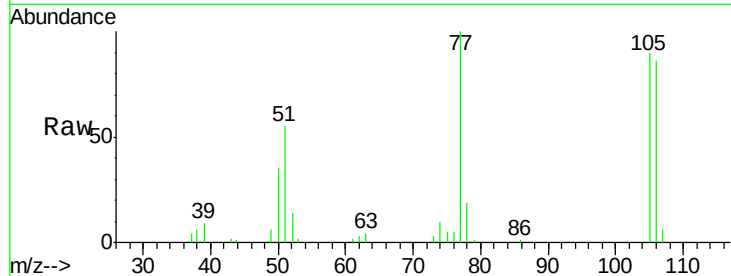
#9
Benzaldehyde
Concen: 15.61 ng
RT: 6.46 min Scan# 383
Delta R.T. 0.00 min
Lab File: BF080686.D
Acq: 27 Jul 2015 23:05

Instrument :
BNA_F
ClientSampleId :
PB84679BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	89.9	72.1	112.1
106	85.6	65.5	105.5

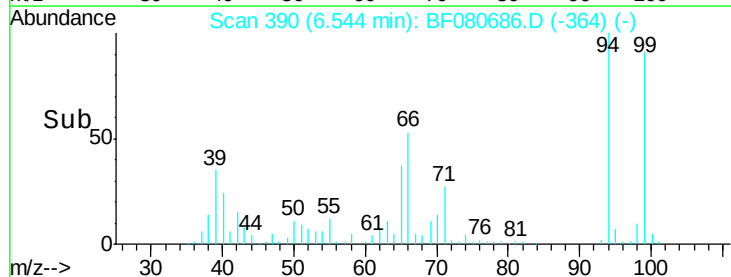
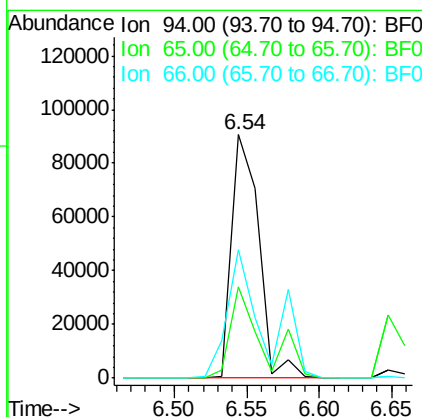
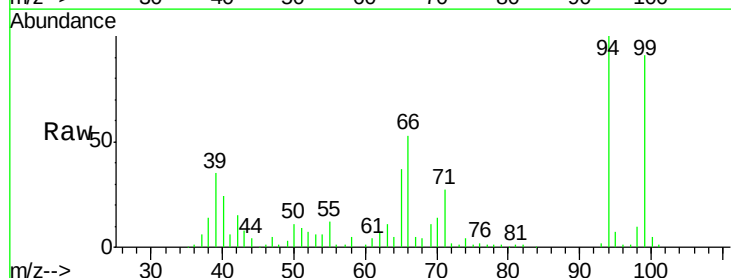
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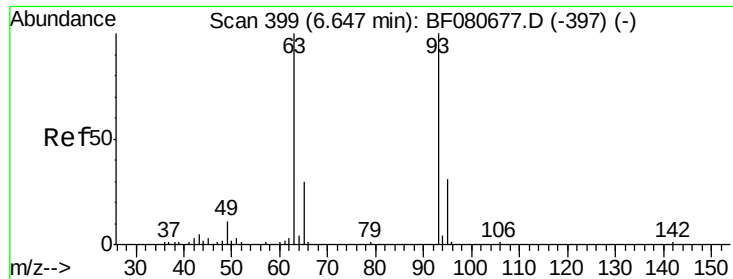
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#10
Phenol
Concen: 42.09 ng
RT: 6.54 min Scan# 390
Delta R.T. 0.00 min
Lab File: BF080686.D
Acq: 27 Jul 2015 23:05

Tgt Ion	Ratio	Lower	Upper
94	100		
65	37.2	16.0	56.0
66	52.8	28.1	68.1





#11

bis(2-Chloroethyl)ether

Concen: 45.58 ng

RT: 6.65 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF080686.D

Acq: 27 Jul 2015 23:05

Instrument :

BNA_F

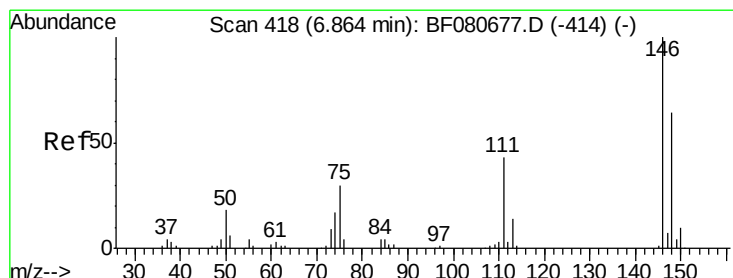
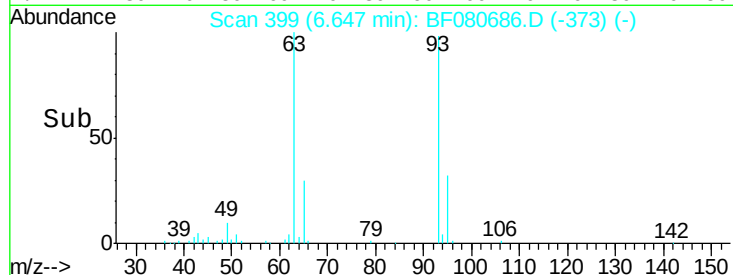
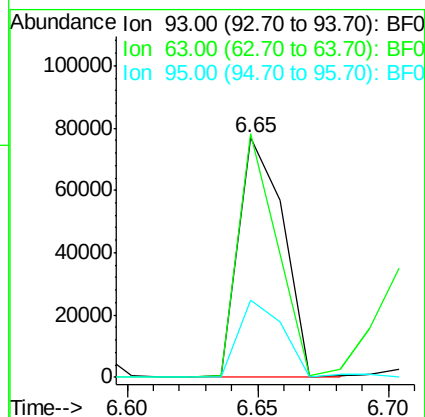
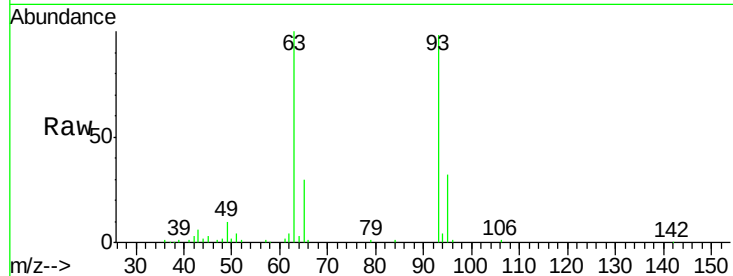
ClientSampleId :

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Tot Ion:	93	Resp:	92418
Ion	Ratio	Lower	Upper
93	100		
63	101.8	79.7	119.7
95	32.4	11.0	51.0

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#12

1,3-Dichlorobenzene

Concen: 44.52 ng

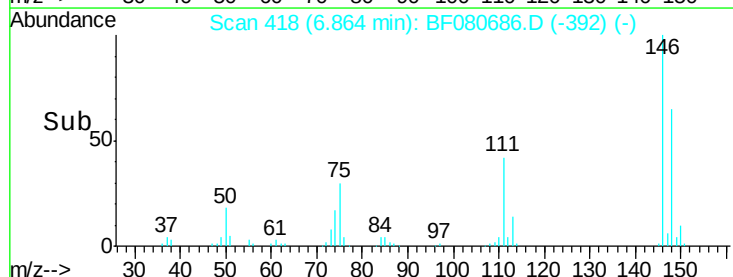
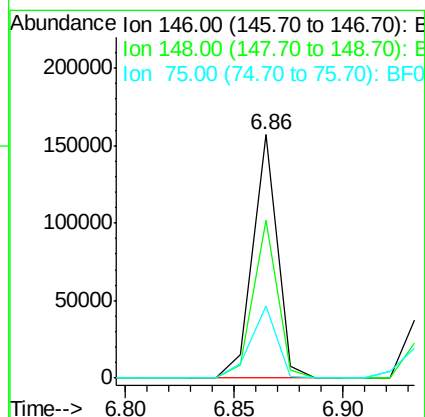
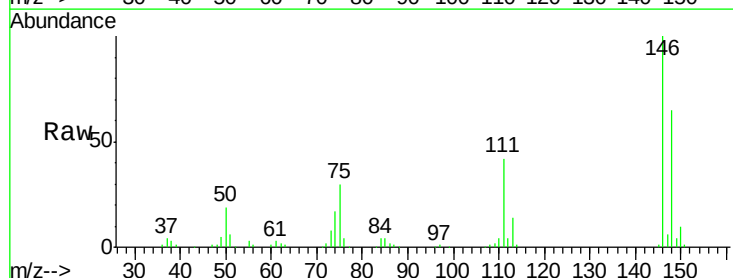
RT: 6.86 min Scan# 418

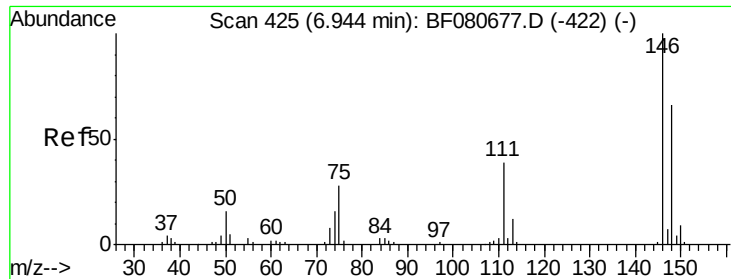
Delta R.T. 0.00 min

Lab File: BF080686.D

Acq: 27 Jul 2015 23:05

Tgt Ion:	146	Resp:	123408
Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.2	76.8
75	29.9	23.9	35.9





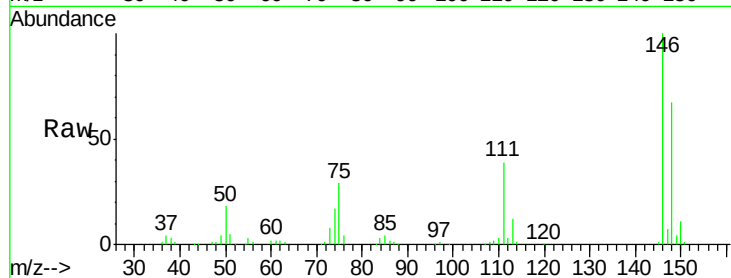
#13
 1,4-Dichlorobenzene
 Concen: 44.00 ng
 RT: 6.94 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BF080686.D
 Acq: 27 Jul 2015 23:05

Instrument :
 BNA_F
 ClientSampleId :
 PB84679BSD

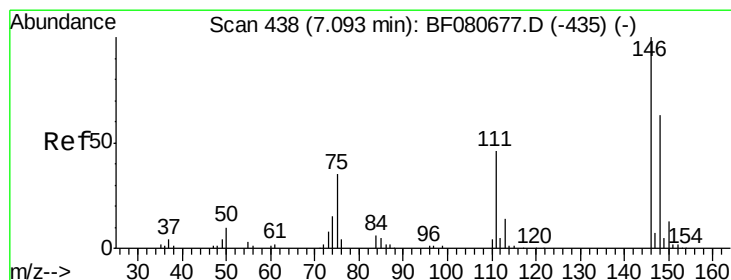
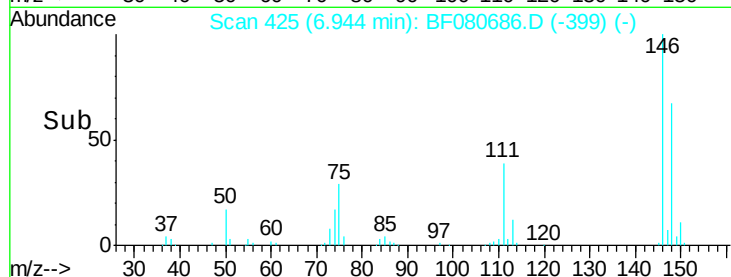
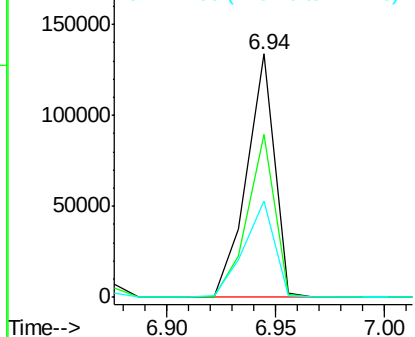
Tot Ion	Ratio	Lower	Upper
146	100		
148	66.9	52.7	79.1
111	39.5	31.1	46.7

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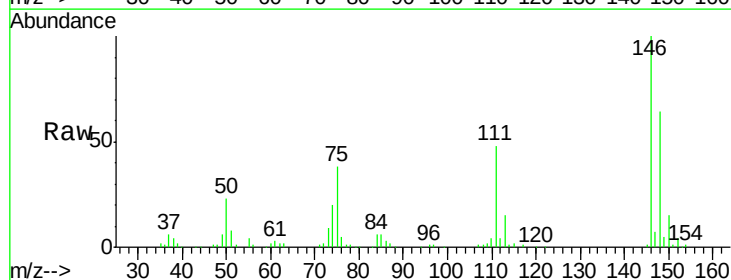


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

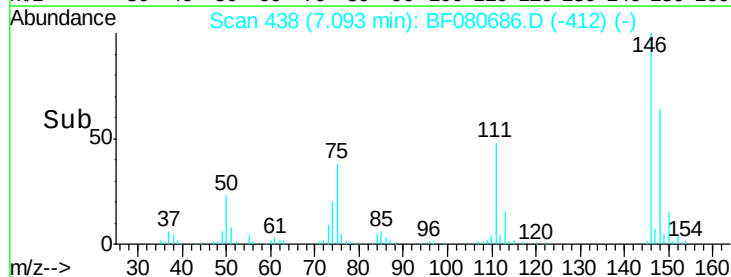
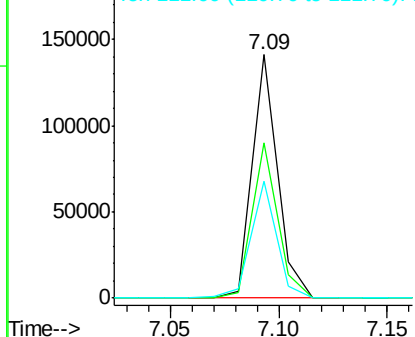


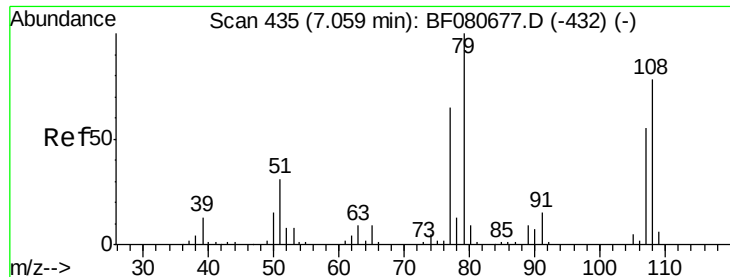
#14
 1,2-Dichlorobenzene
 Concen: 44.37 ng
 RT: 7.09 min Scan# 438
 Delta R.T. 0.00 min
 Lab File: BF080686.D
 Acq: 27 Jul 2015 23:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.6	76.0
111	47.9	37.2	55.8



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





#15

Benzyl Alcohol

Concen: 50.28 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF080686.D

Acq: 27 Jul 2015 23:05

Instrument :

BNA_F

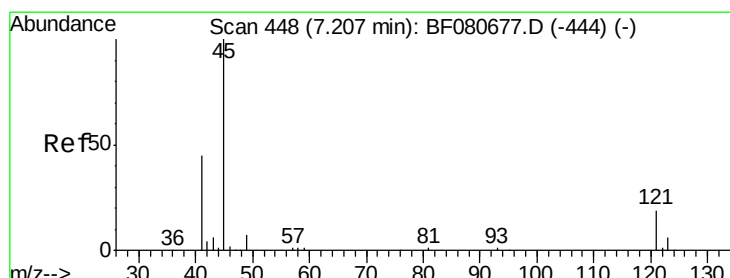
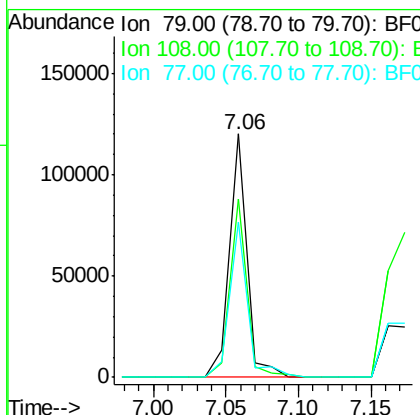
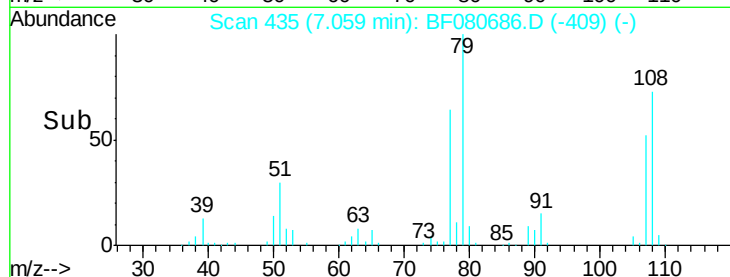
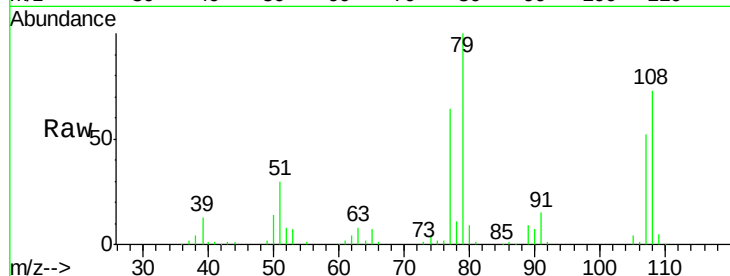
ClientSampleId :

PB84679BSD

Tot Ion:	79	Resp:	100521
Ion Ratio	Lower	Upper	
79	100		
108	73.1	62.7	94.1
77	63.8	51.8	77.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.75 ng

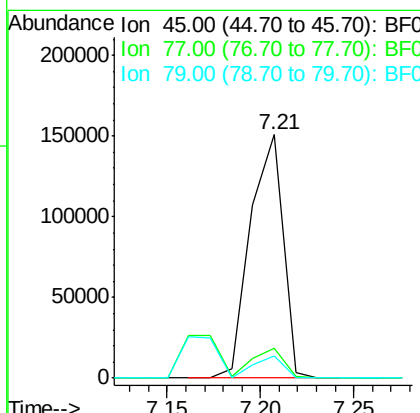
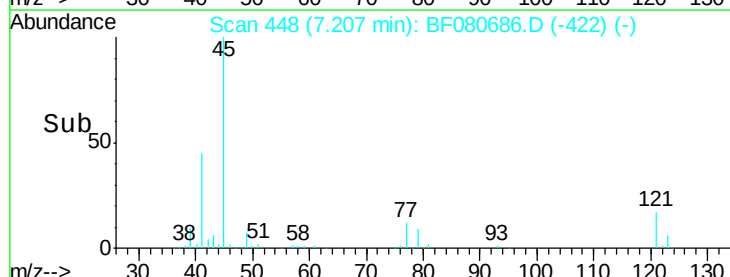
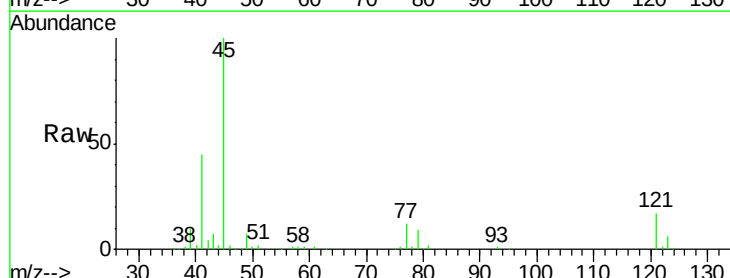
RT: 7.21 min Scan# 448

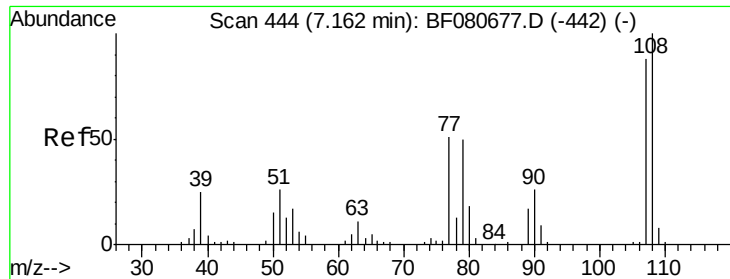
Delta R.T. 0.00 min

Lab File: BF080686.D

Acq: 27 Jul 2015 23:05

Tgt Ion:	45	Resp:	183669
Ion Ratio	Lower	Upper	
45	100		
77	12.2	0.0	33.4
79	9.0	0.0	28.8





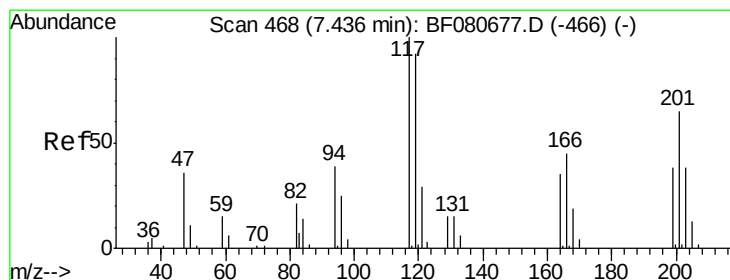
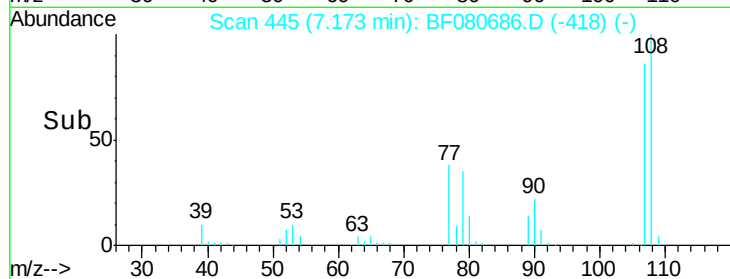
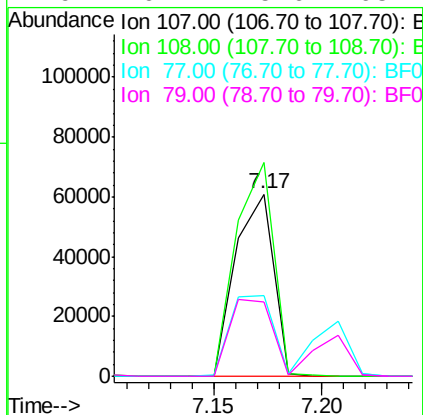
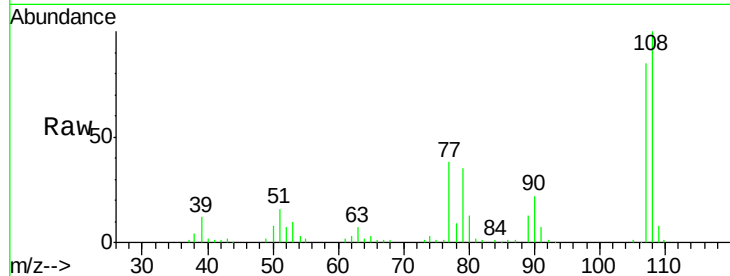
#17
2-Methylphenol
Concen: 46.83 ng
RT: 7.17 min Scan# 445
Delta R.T. 0.01 min
Lab File: BF080686.D
Acq: 27 Jul 2015 23:05

Instrument :
BNA_F
ClientSampleId :
PB84679BSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	117.5	91.3	136.9
77	44.1	47.0	70.4#
79	40.7	45.6	68.4#

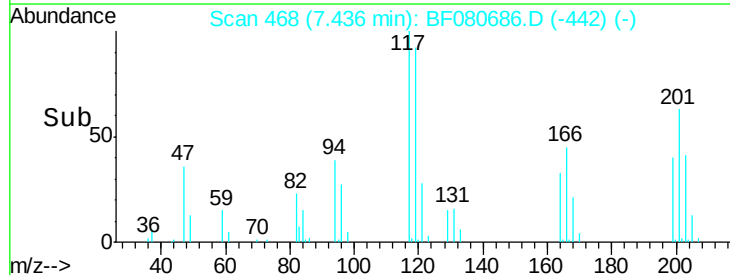
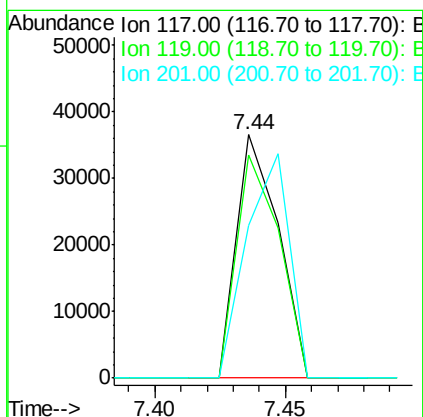
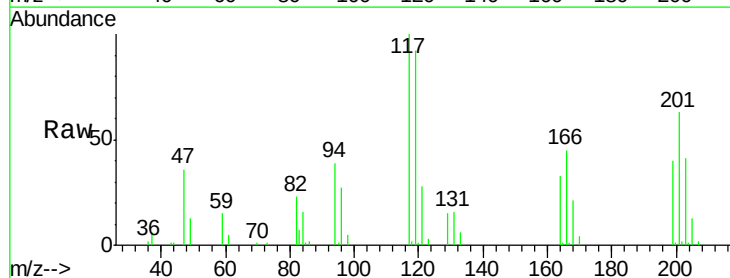
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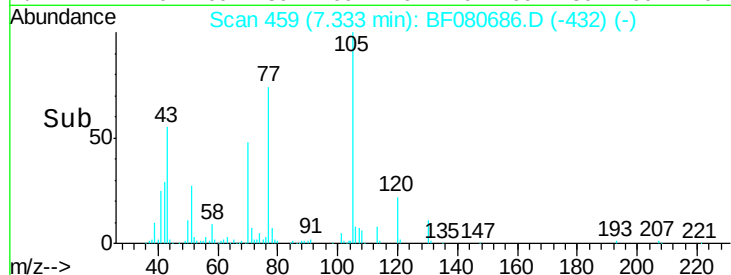
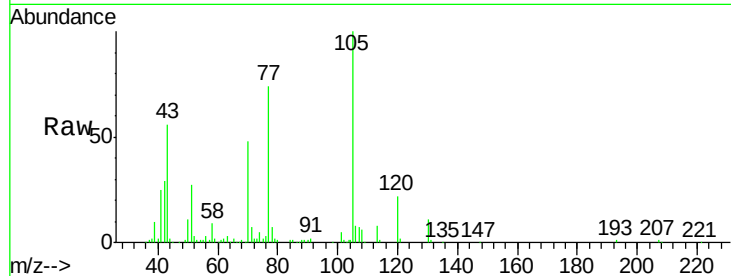
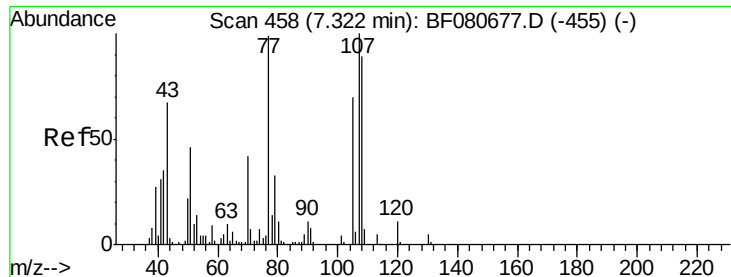
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#18
Hexachloroethane
Concen: 46.20 ng
RT: 7.44 min Scan# 468
Delta R.T. 0.00 min
Lab File: BF080686.D
Acq: 27 Jul 2015 23:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.8	73.6	110.4
201	62.7	52.2	78.2





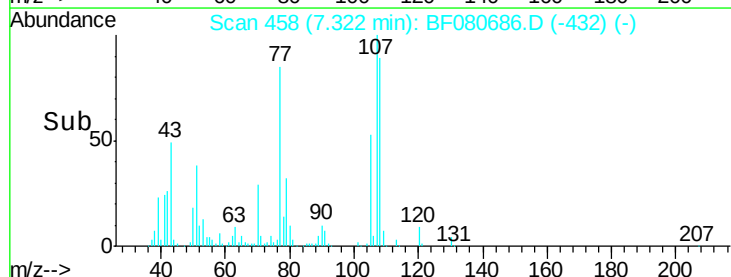
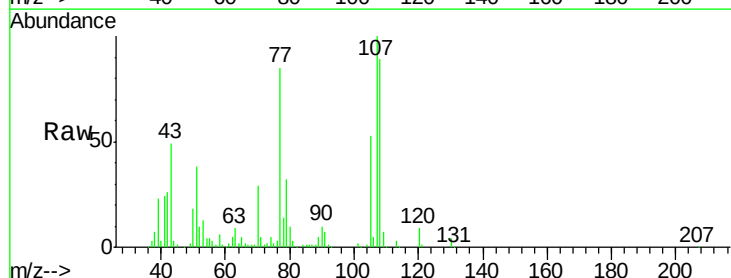
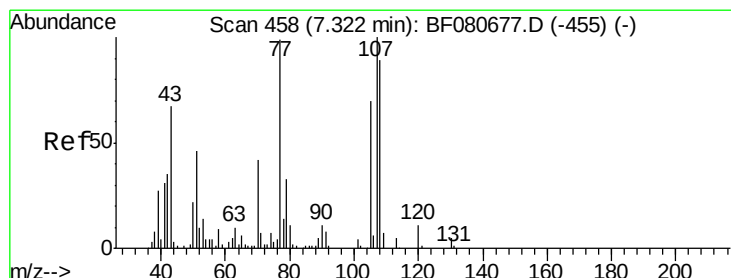
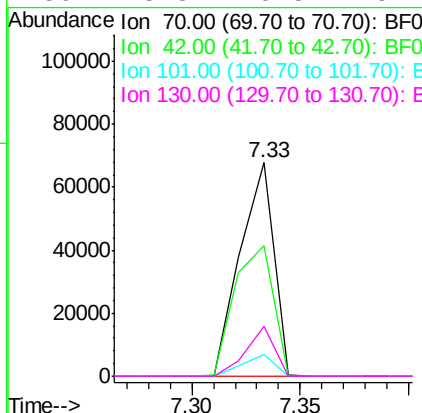
#19
n-Nitroso-di-n-propylamine
Concen: 50.09 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.01 min
Lab File: BF080686.D
Acq: 27 Jul 2015 23:05

Instrument :
BNA_F
ClientSampleId :
PB84679BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.3	67.4	101.2#
101	10.3	7.3	10.9
130	23.3	10.5	15.7#

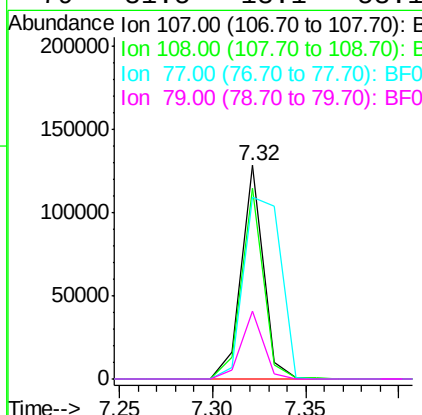
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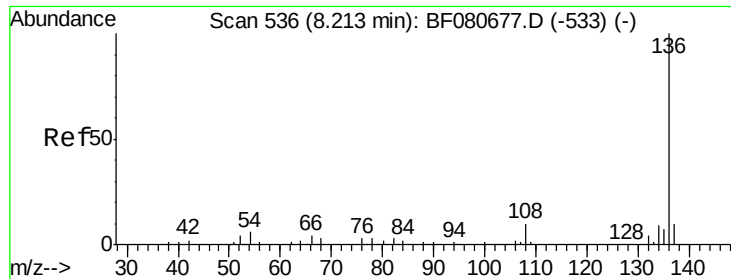
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#20
3+4-Methylphenols
Concen: 49.06 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF080686.D
Acq: 27 Jul 2015 23:05

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.5	68.7	108.7
77	85.0	78.9	118.9
79	31.5	13.1	53.1





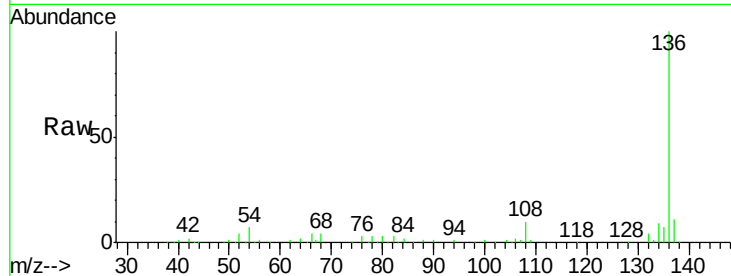
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF080686.D
Acq: 27 Jul 2015 23:05

Instrument :
BNA_F
ClientSampleId :
PB84679BSD

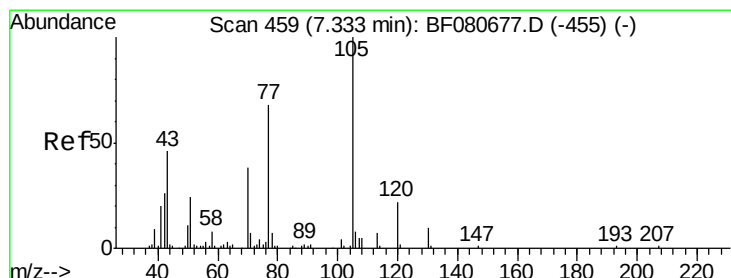
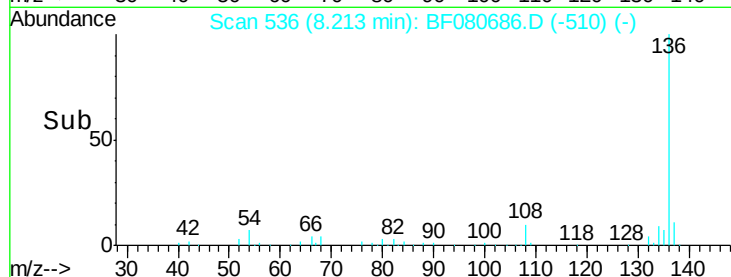
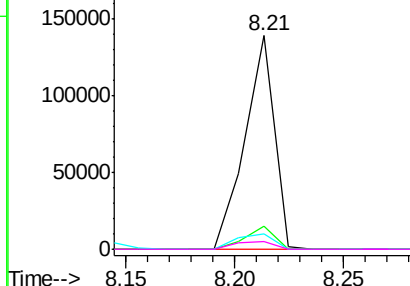
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.0		8.2	12.2	
54	7.4		5.0	7.4	
68	3.6		2.7	4.1	

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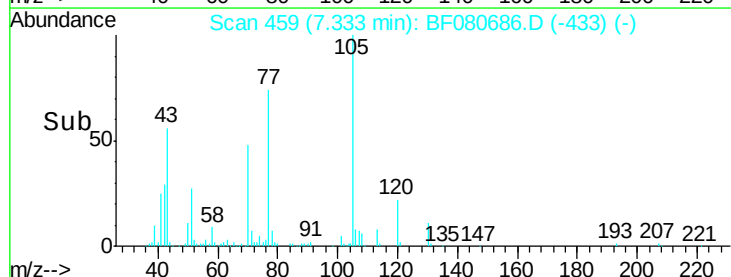
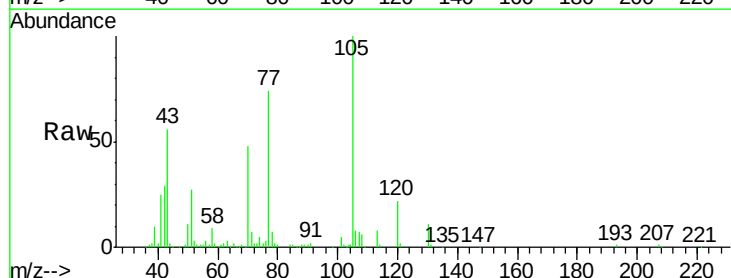
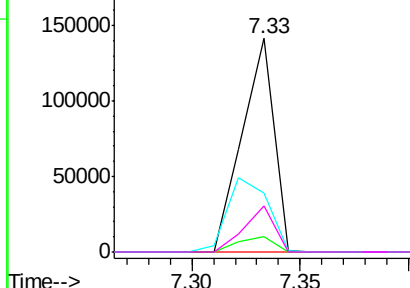
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

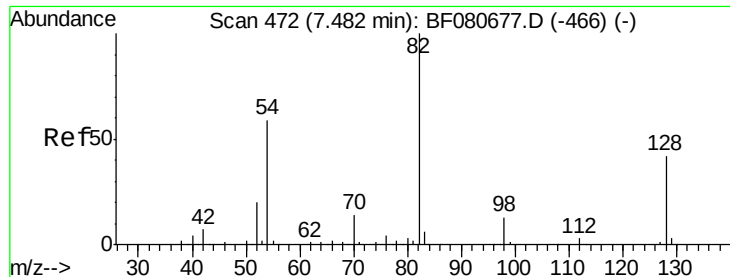


#22
Acetophenone
Concen: 42.62 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.00 min
Lab File: BF080686.D
Acq: 27 Jul 2015 23:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	7.1		5.4	8.2	
51	27.5		19.6	29.4	
120	21.8		17.4	26.2	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





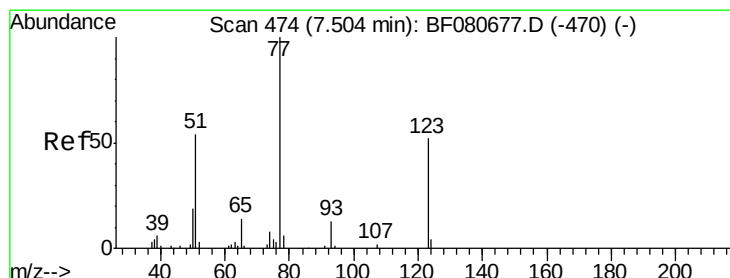
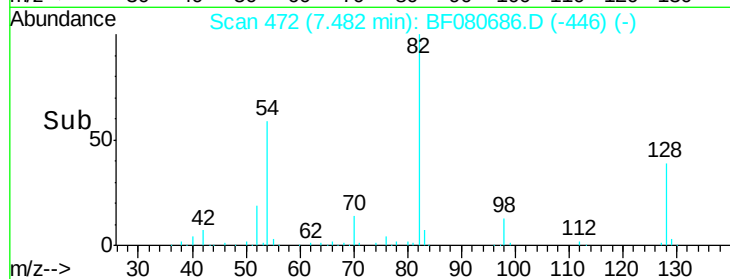
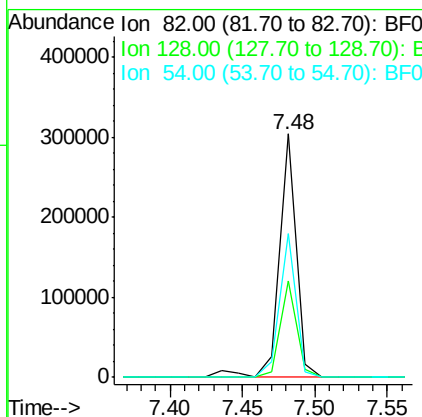
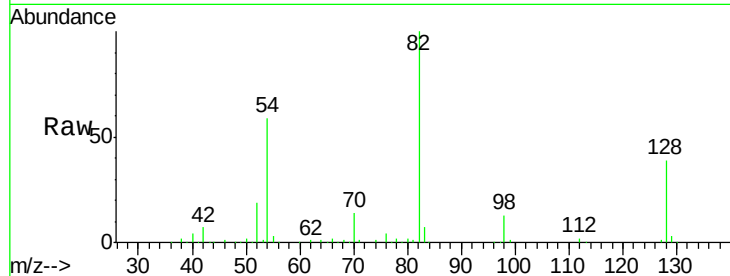
#23
 Nitrobenzene-d5
 Concen: 96.59 ng
 RT: 7.48 min Scan# 472
 Delta R.T. 0.00 min
 Lab File: BF080686.D
 Acq: 27 Jul 2015 23:05

Instrument :
 BNA_F
 ClientSampleId :
 PB84679BSD

Tot Ion	82	Resp	246469
Ion Ratio	100	Lower	Upper
128	39.4	33.7	50.5
54	59.0	47.3	70.9

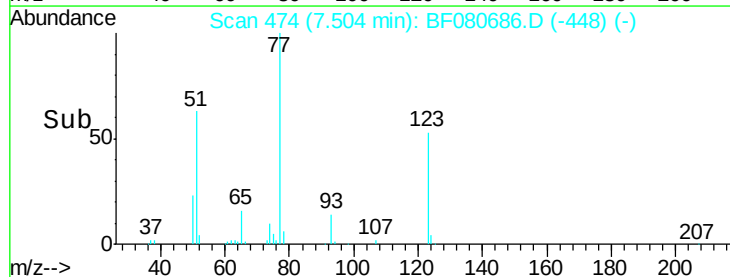
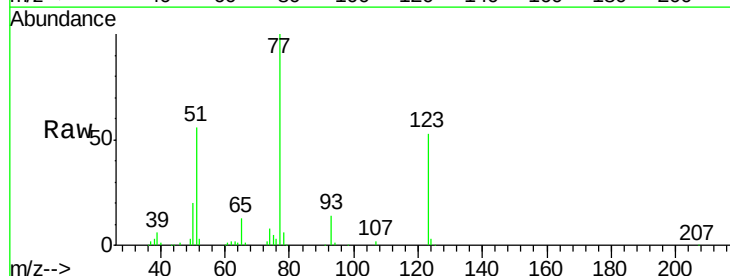
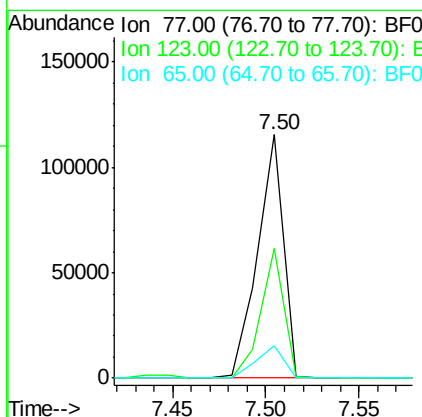
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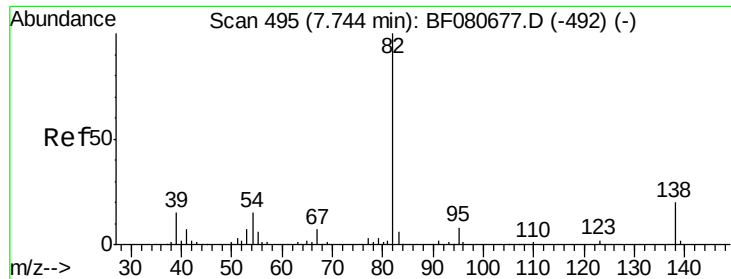
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#24
 Nitrobenzene
 Concen: 43.49 ng
 RT: 7.50 min Scan# 474
 Delta R.T. 0.00 min
 Lab File: BF080686.D
 Acq: 27 Jul 2015 23:05

Tgt Ion	77	Resp	109791
Ion Ratio	100	Lower	Upper
123	53.0	41.8	62.8
65	13.4	10.8	16.2





#25

Isophorone

Concen: 47.94 ng

RT: 7.74 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF080686.D

Acq: 27 Jul 2015 23:05

Instrument :

BNA_F

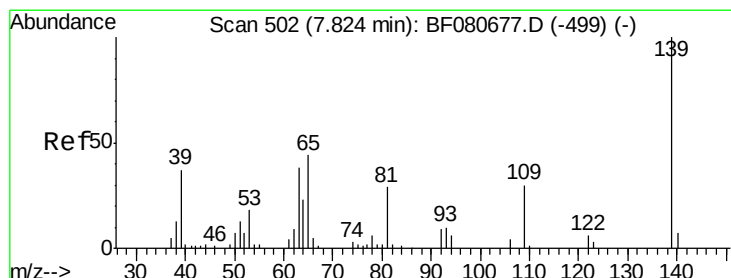
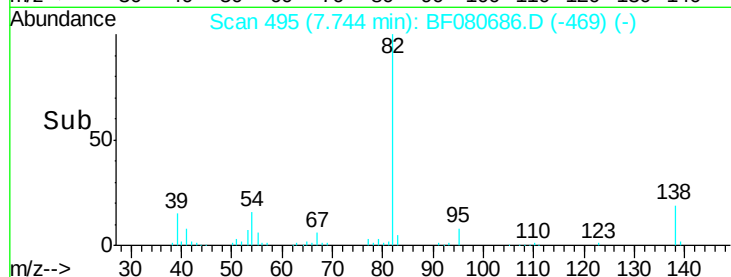
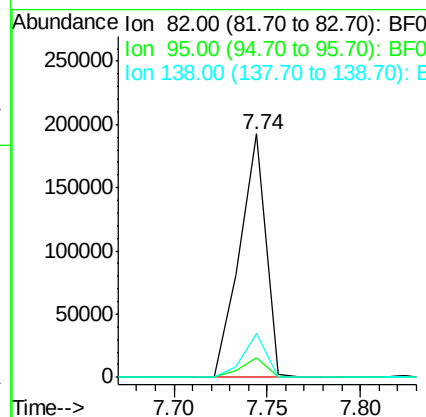
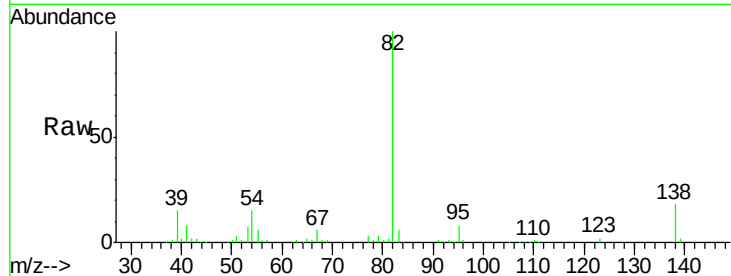
ClientSampleId :

PB84679BSD

Tot Ion:	82	Resp:	189634
Ion Ratio	Lower	Upper	
82	100		
95	7.9	6.2	9.2
138	18.2	15.8	23.6

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#26

2-Nitrophenol

Concen: 43.45 ng

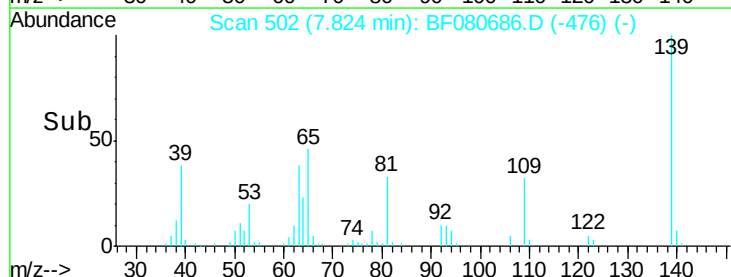
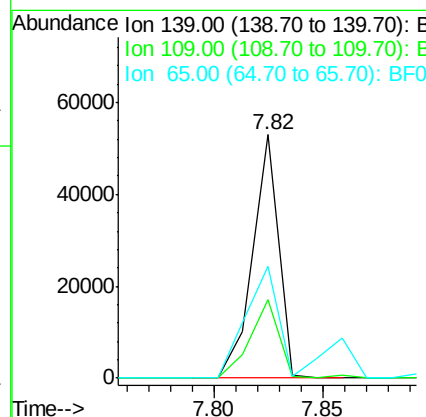
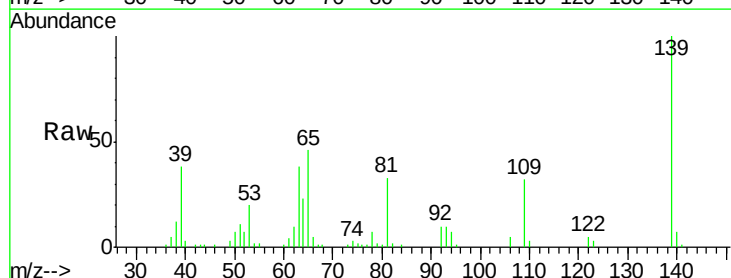
RT: 7.82 min Scan# 502

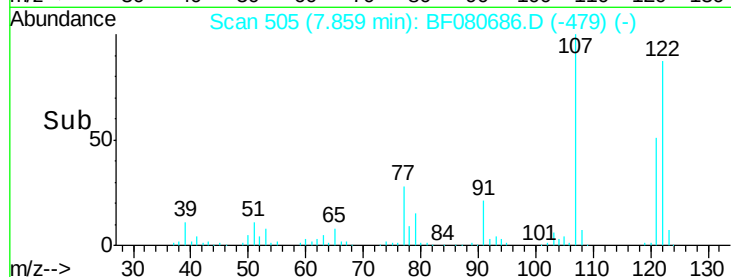
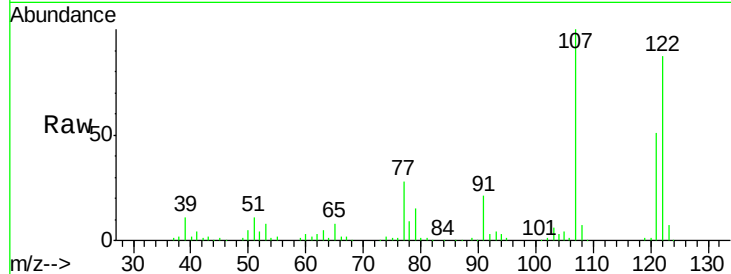
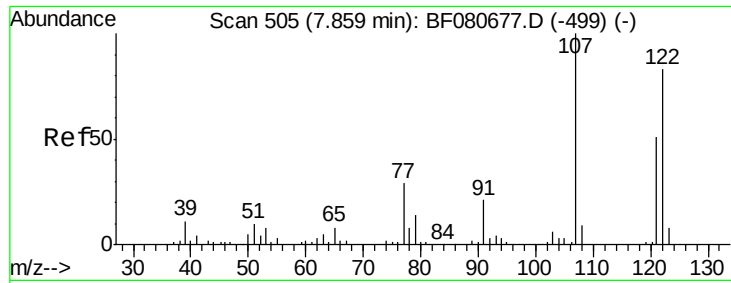
Delta R.T. 0.00 min

Lab File: BF080686.D

Acq: 27 Jul 2015 23:05

Tgt Ion:	139	Resp:	43853
Ion Ratio	Lower	Upper	
139	100		
109	32.5	24.2	36.2
65	45.9	35.0	52.6





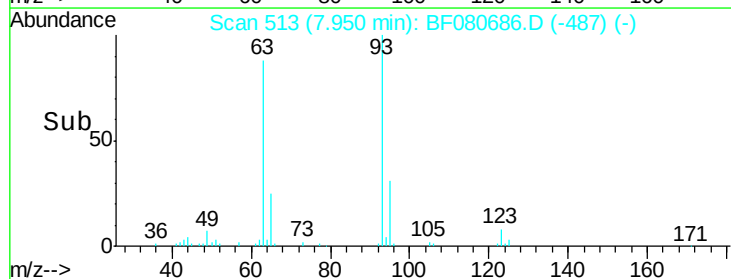
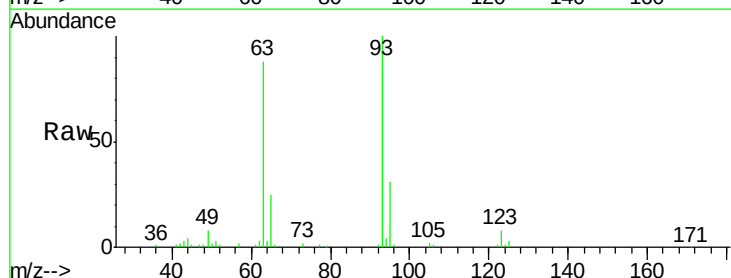
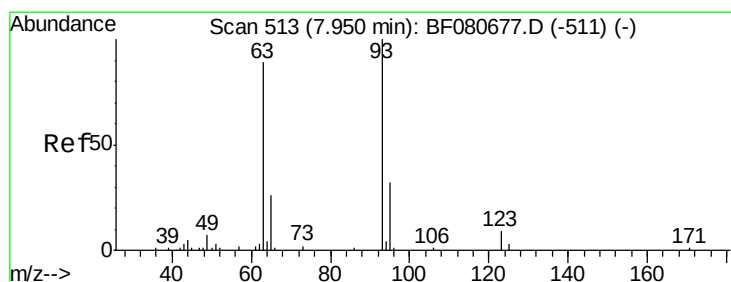
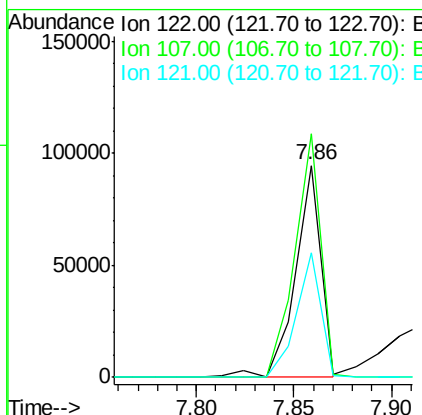
#27
2,4-Dimethylphenol
Concen: 43.58 ng/mL
RT: 7.86 min Scan# 505
Delta R.T. 0.00 min
Lab File: BF080686.D
Acq: 27 Jul 2015 23:05

Tot Ion	Ratio	Resp	Lower	Upper
122	100	85144		
107	114.9	95.8	143.8	
121	58.5	49.0	73.4	

Instrument :
BNA_F
ClientSampleID :
PB84679BSD

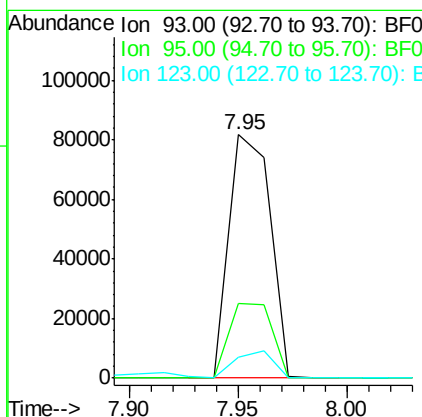
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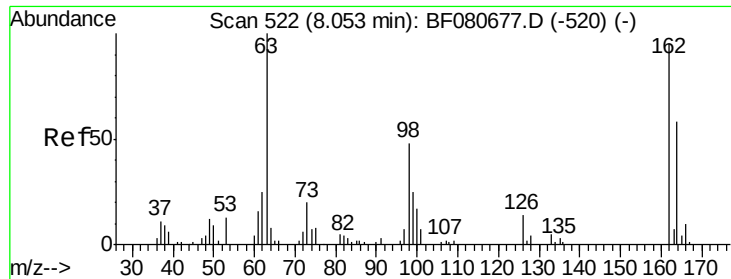
apatel
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#28
bis(2-Chloroethoxy)methane
Concen: 45.85 ng/mL
RT: 7.95 min Scan# 513
Delta R.T. 0.00 min
Lab File: BF080686.D
Acq: 27 Jul 2015 23:05

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	107054		
95	30.9	25.3	37.9	
123	8.4	7.0	10.4	





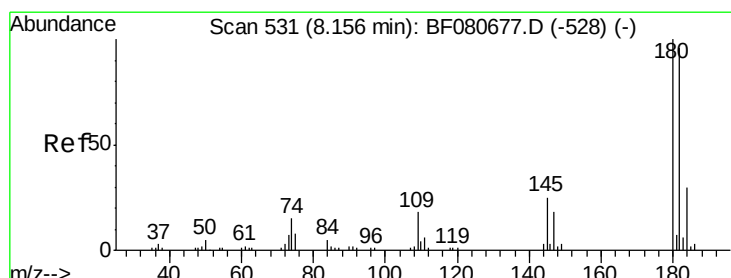
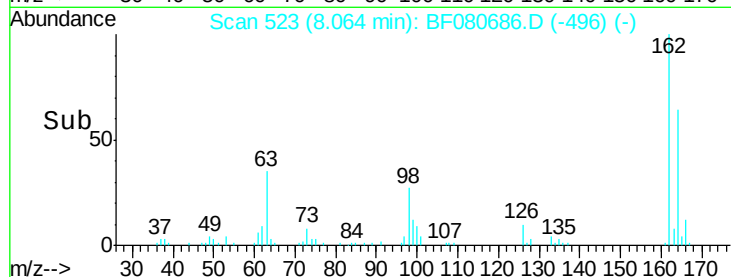
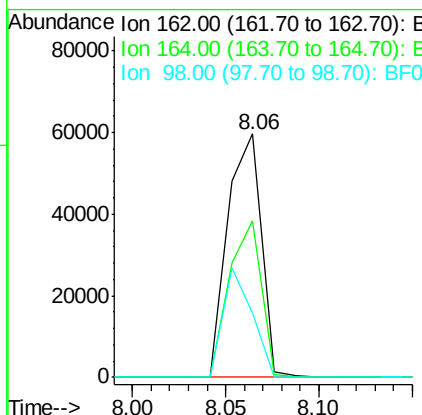
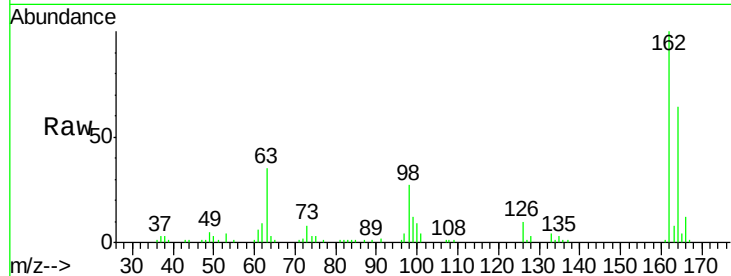
#29
2,4-Dichlorophenol
Concen: 45.72 ng
RT: 8.06 min Scan# 523
Delta R.T. 0.01 min
Lab File: BF080686.D
Acq: 27 Jul 2015 23:05

Instrument :
BNA_F
ClientSampleId :
PB84679BSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.1	41.2	81.2
98	26.7	30.4	70.4

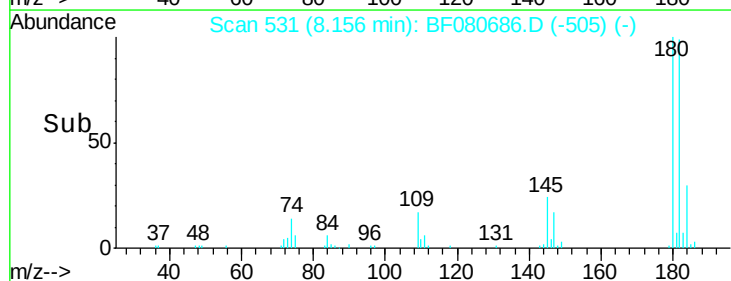
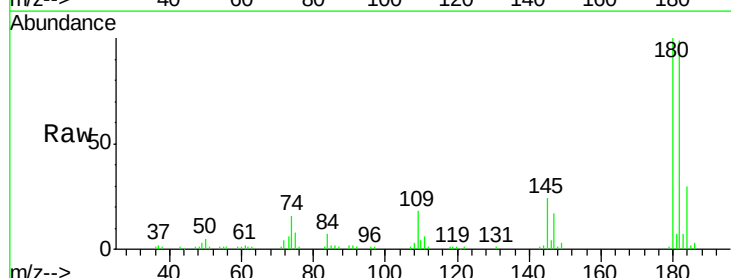
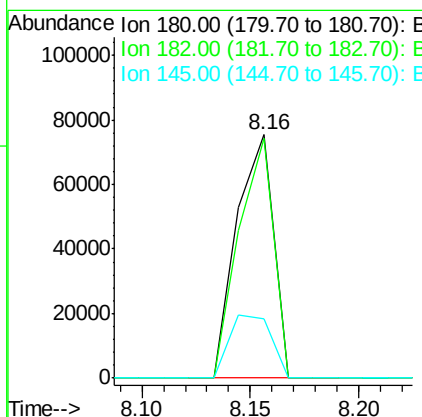
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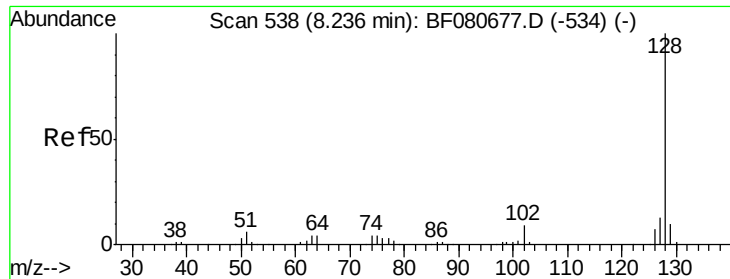
apatel
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#30
1,2,4-Trichlorobenzene
Concen: 42.32 ng
RT: 8.16 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF080686.D
Acq: 27 Jul 2015 23:05

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	98.6	77.1	115.7
145	24.3	20.0	30.0





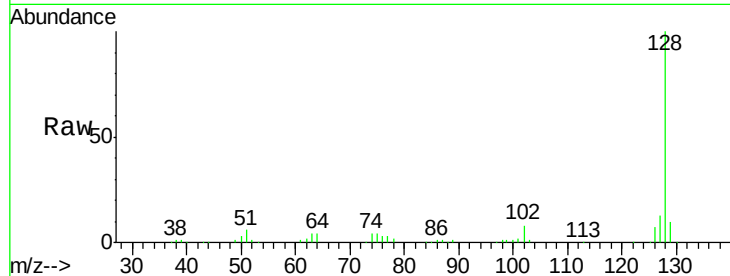
#31
Naphthalene
Concen: 42.64 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF080686.D
Acq: 27 Jul 2015 23:05

Instrument :
BNA_F
ClientSampleId :
PB84679BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	274019		
129	10.4		8.3	12.5
127	12.7		10.5	15.7

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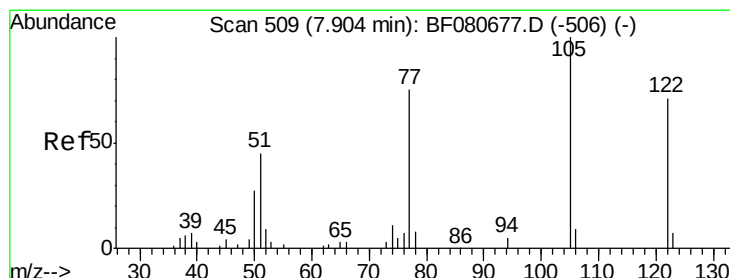
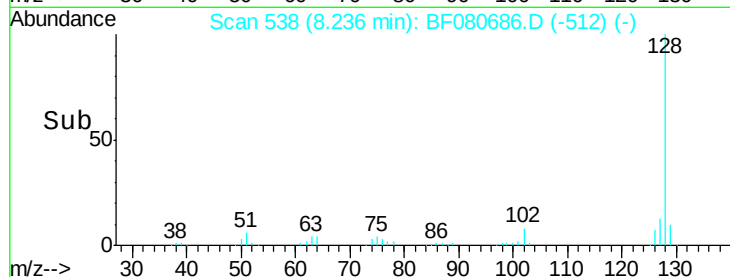
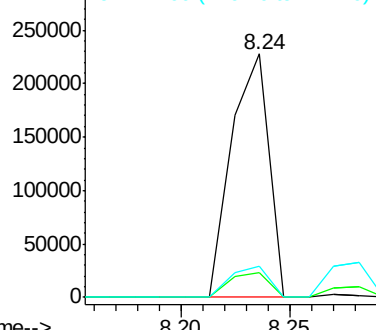


Abundance

Ion 128.00 (127.70 to 128.70): E

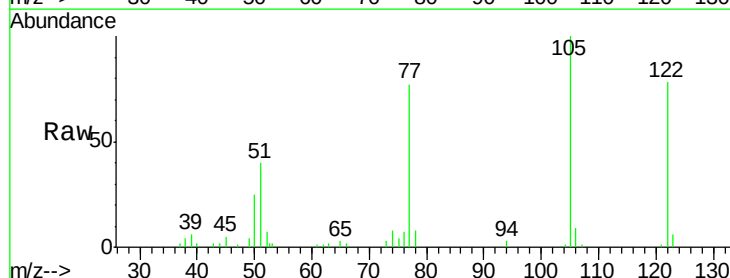
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 51.26 ng m
RT: 7.92 min Scan# 510
Delta R.T. 0.01 min
Lab File: BF080686.D
Acq: 27 Jul 2015 23:05

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	48877		
105	128.4		117.6	157.6
77	98.2		86.6	126.6

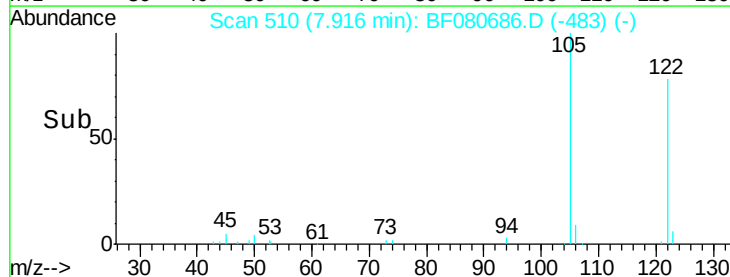
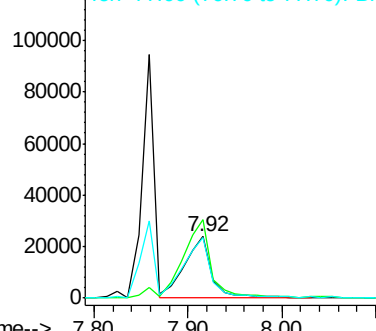


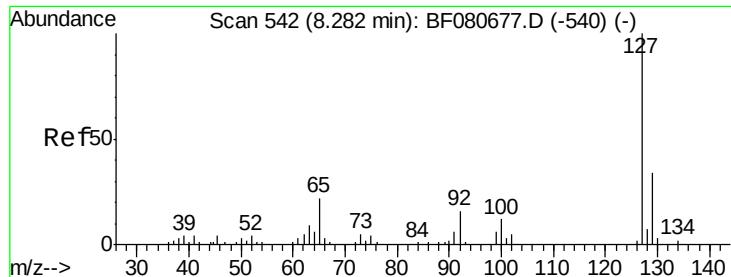
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





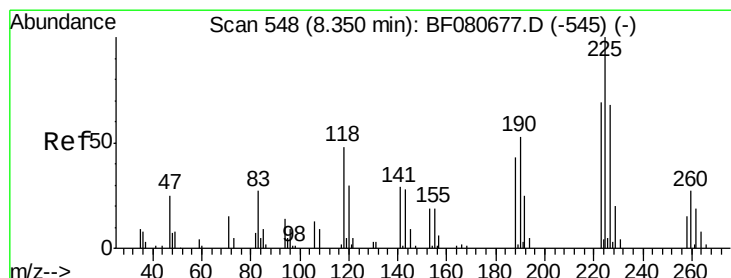
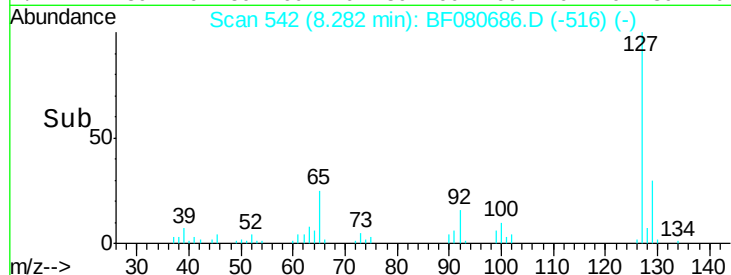
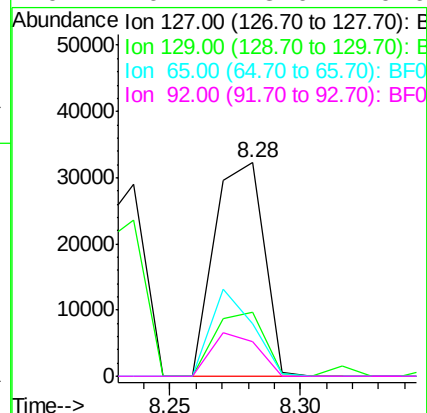
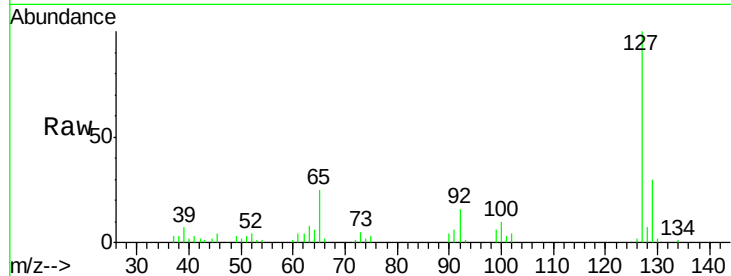
#33
4-Chloroaniline
Concen: 18.64 ng
RT: 8.28 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF080686.D
Acq: 27 Jul 2015 23:05

Instrument :
BNA_F
ClientSampleID :
PB84679BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		42885		
129	29.9	26.8	40.2		
65	24.6	17.6	26.4		
92	16.2	13.0	19.6		

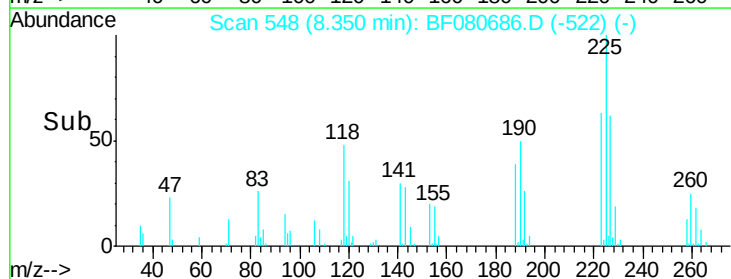
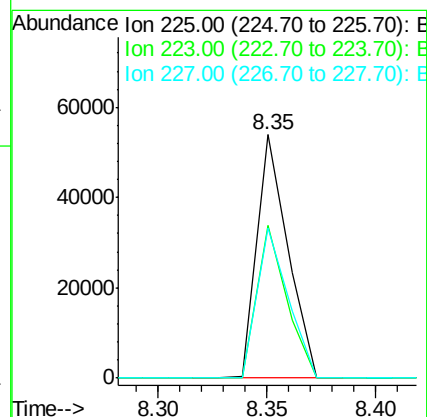
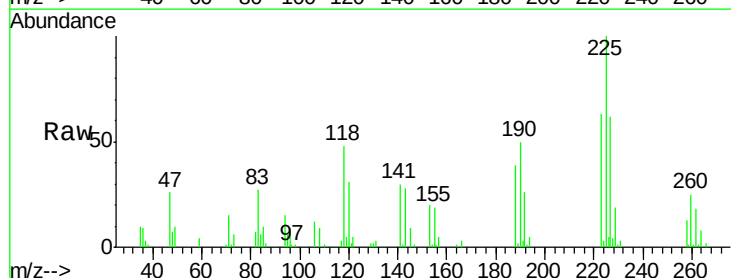
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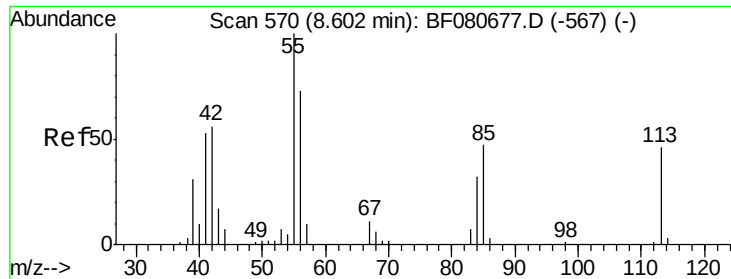
apatel
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#34
Hexachlorobutadiene
Concen: 40.68 ng
RT: 8.35 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF080686.D
Acq: 27 Jul 2015 23:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		53153		
223	62.5	55.0	82.6		
227	61.9	54.0	81.0		





#35

Caprolactam

Concen: 54.97 ng

RT: 8.60 min Scan# 570

Delta R.T. 0.00 min

Lab File: BF080686.D

Acq: 27 Jul 2015 23:05

Instrument :

BNA_F

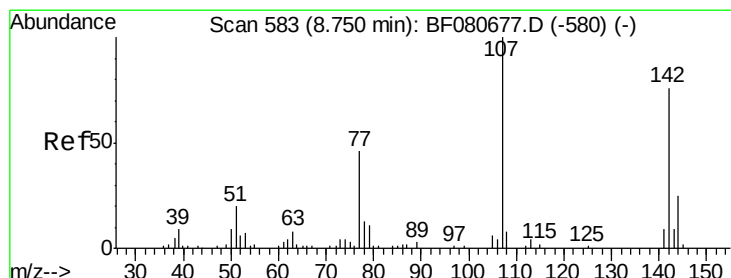
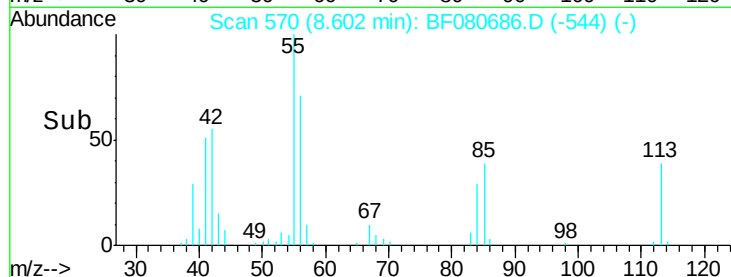
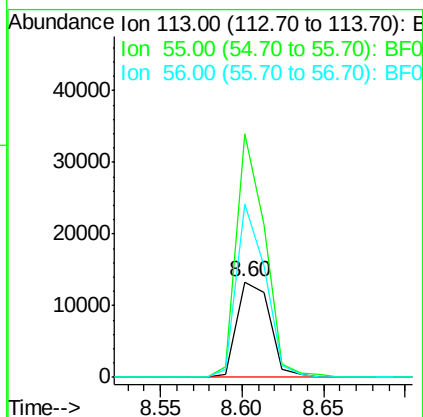
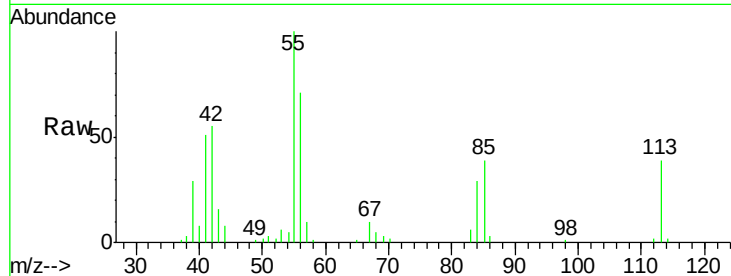
ClientSampleId :

PB84679BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	254.2	198.5	238.5#
56	180.7	139.5	179.5#

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#36

4-Chloro-3-methylphenol

Concen: 51.20 ng

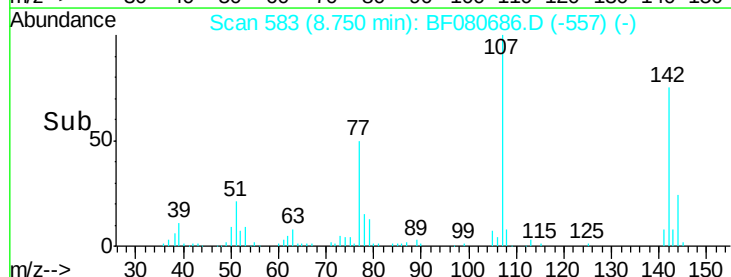
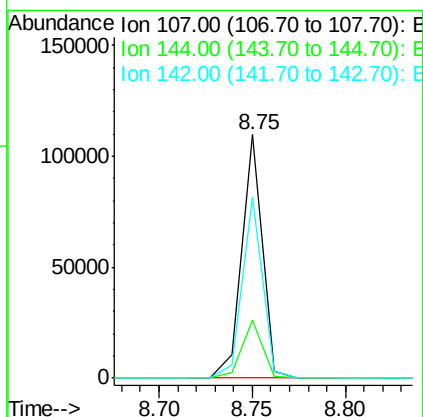
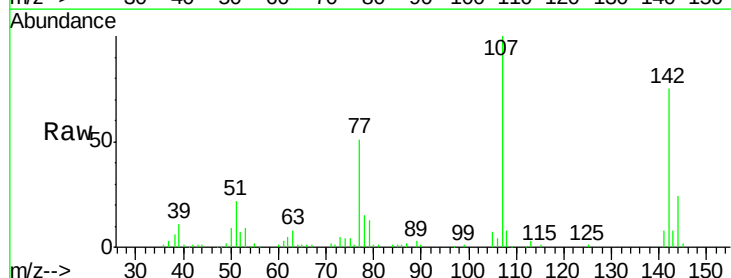
RT: 8.75 min Scan# 583

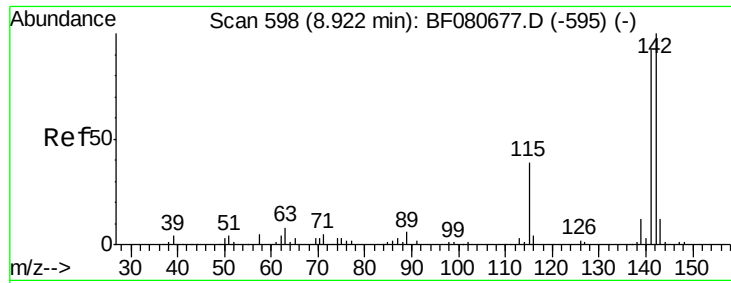
Delta R.T. 0.00 min

Lab File: BF080686.D

Acq: 27 Jul 2015 23:05

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.0	20.0	30.0
142	74.5	61.0	91.6





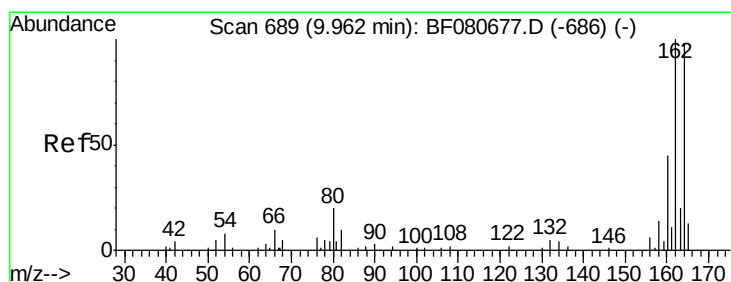
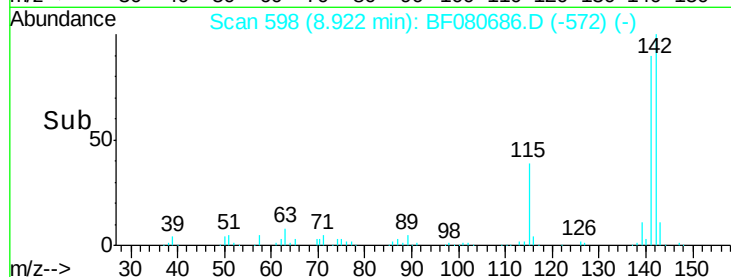
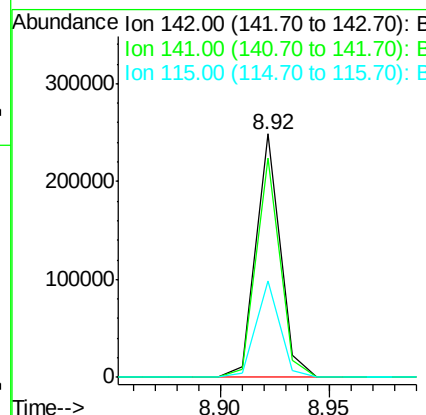
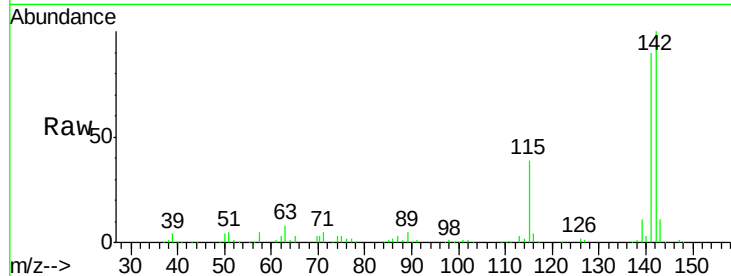
#37
 2-Methylnaphthalene
 Concen: 47.29 ng
 RT: 8.92 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF080686.D
 Acq: 27 Jul 2015 23:05

Instrument :
 BNA_F
 ClientSampleId :
 PB84679BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	73.4	110.0
115	39.3	31.0	46.4

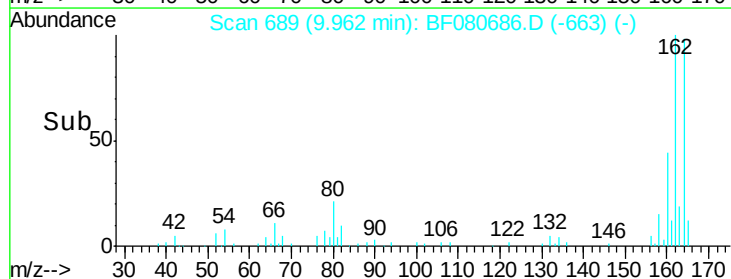
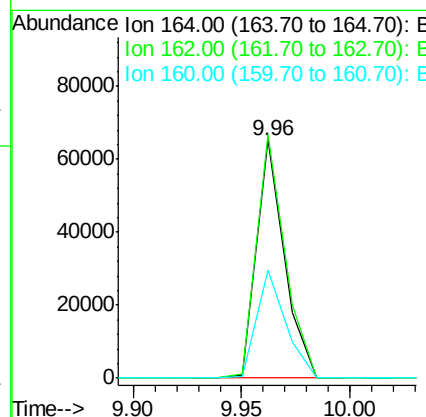
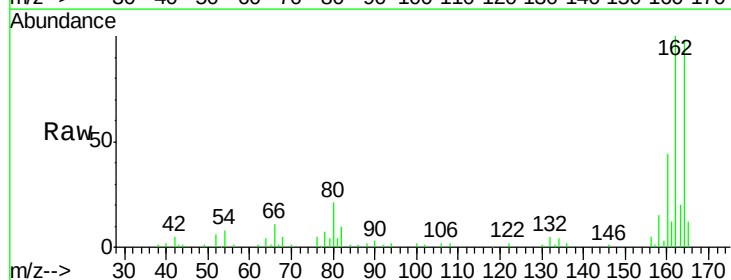
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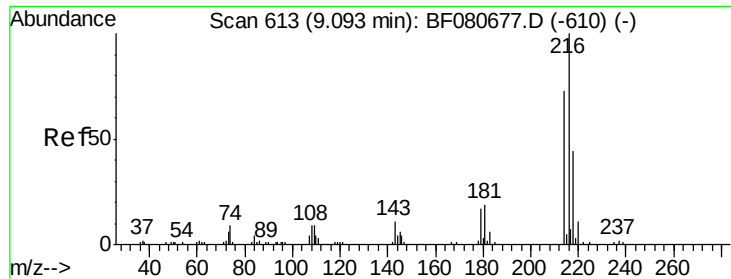
apatel
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.96 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: BF080686.D
 Acq: 27 Jul 2015 23:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.0	123.0
160	45.3	36.7	55.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.92 ng

RT: 9.09 min Scan# 613

Delta R.T. 0.00 min

Lab File: BF080686.D

Acq: 27 Jul 2015 23:05

Instrument :

BNA_F

ClientSampleId :

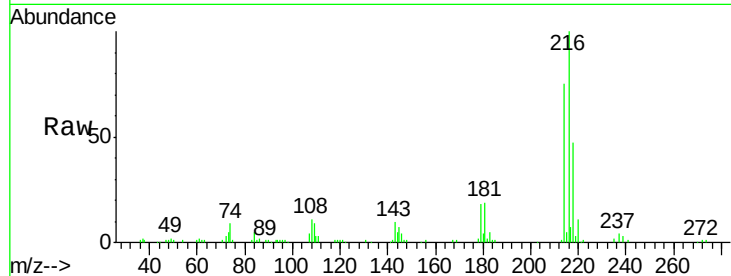
PB84679BSD

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		84709		
214	76.8	61.6	92.4		
179	21.1	17.4	26.0		
108	22.1	16.2	24.2		

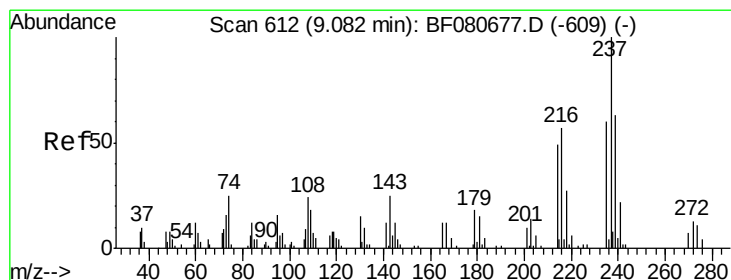
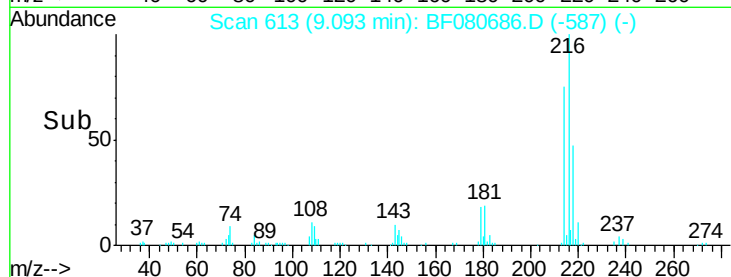
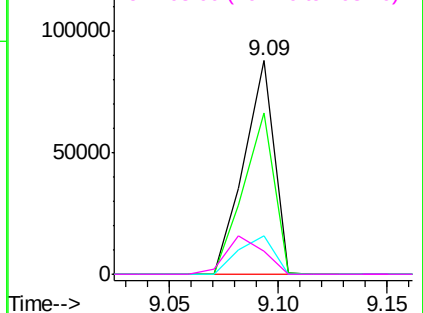


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 89.04 ng

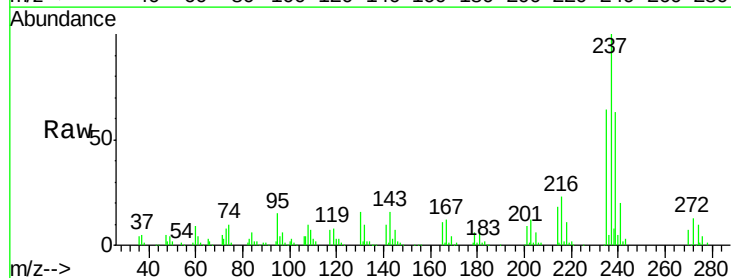
RT: 9.08 min Scan# 612

Delta R.T. 0.00 min

Lab File: BF080686.D

Acq: 27 Jul 2015 23:05

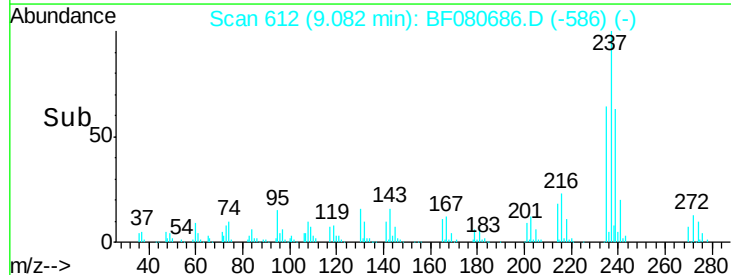
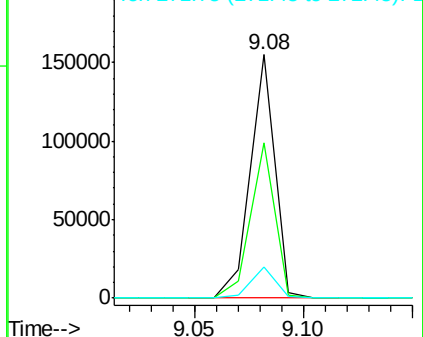
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		121175		
235	63.6	40.5	80.5		
272	12.5	0.0	33.5		

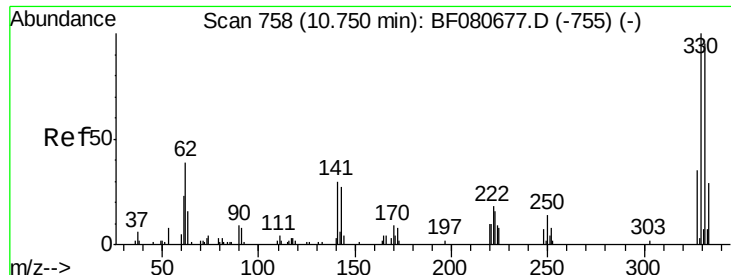


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





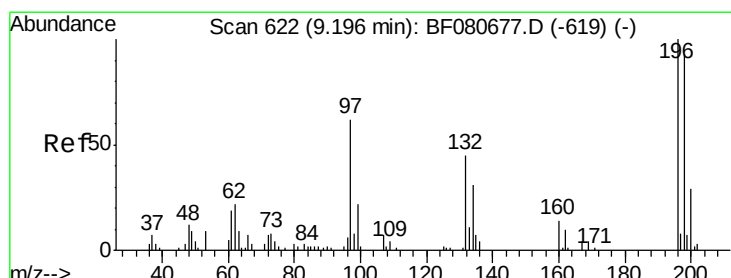
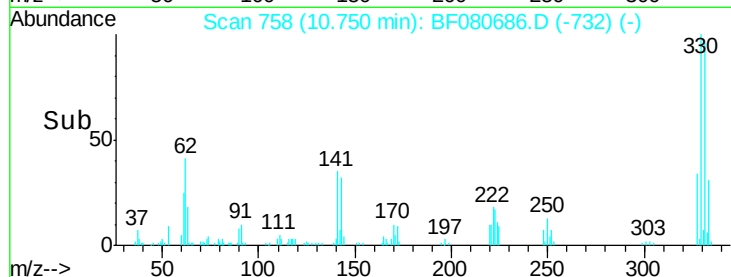
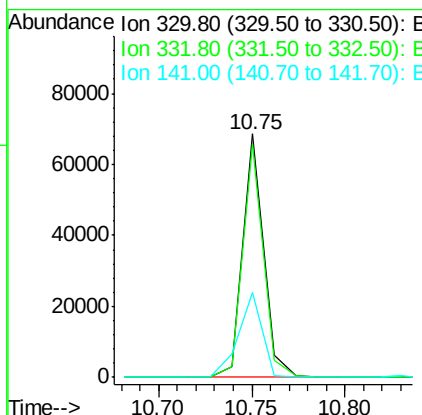
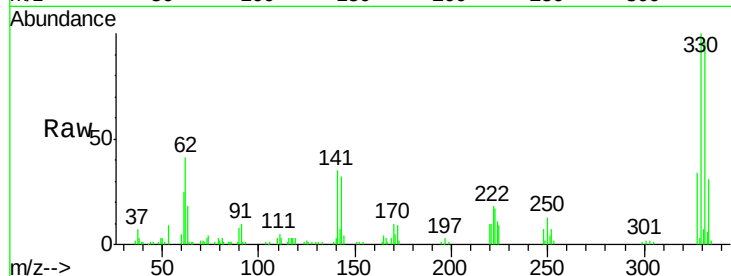
#41
 2,4,6-Tribromophenol
 Concen: 105.18 ng
 RT: 10.75 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BF080686.D
 Acq: 27 Jul 2015 23:05

Instrument :
 BNA_F
 ClientSampleId :
 PB84679BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.0	76.9	115.3	
141	39.2	30.6	45.8	

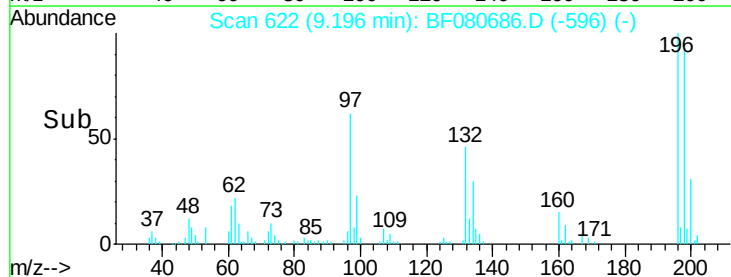
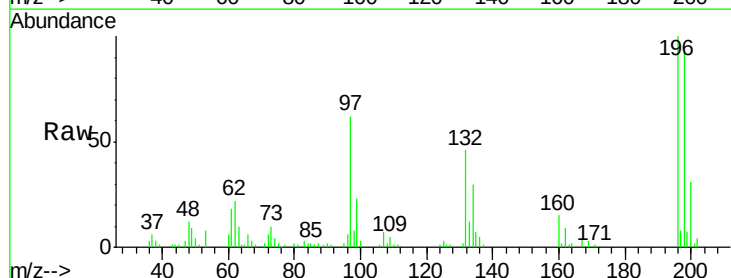
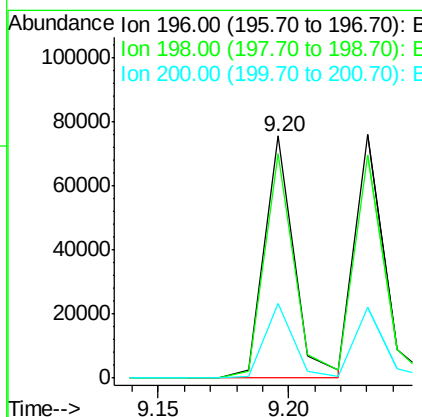
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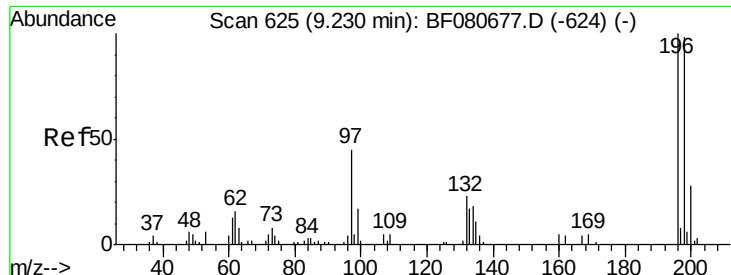
apatel
 7/29/2015 10:40:47 AM



#42
 2,4,6-Trichlorophenol
 Concen: 42.04 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF080686.D
 Acq: 27 Jul 2015 23:05

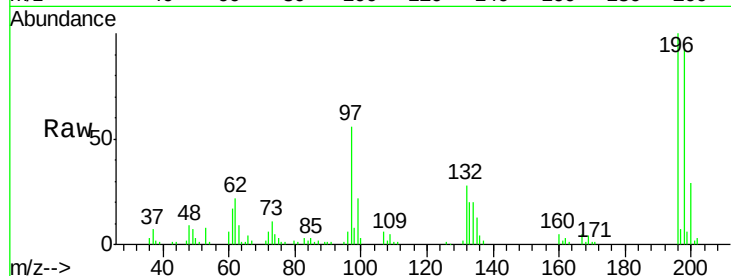
Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	92.9	74.4	111.6	
200	30.8	23.6	35.4	





#43
 2,4,5-Trichlorophenol
 Concen: 45.60 ng
 RT: 9.23 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF080686.D
 Acq: 27 Jul 2015 23:05

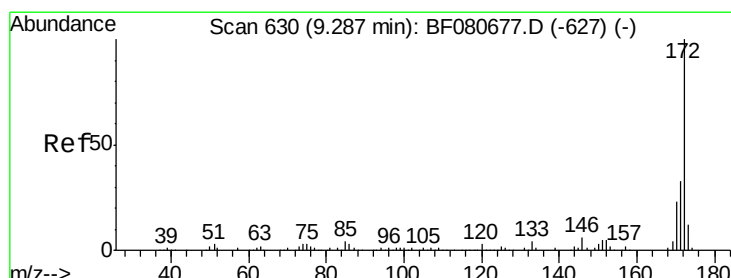
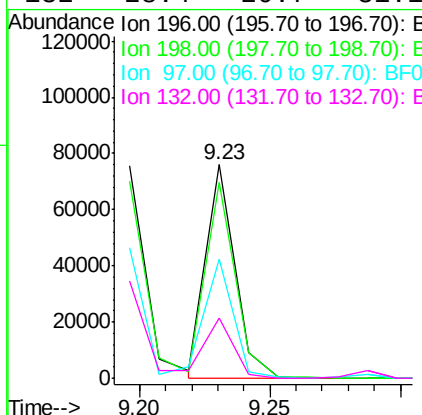
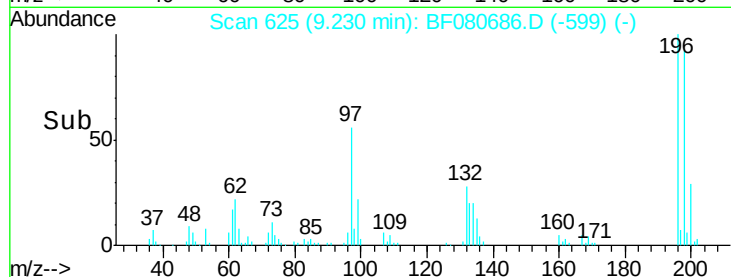
Instrument :
 BNA_F
 ClientSampleId :
 PB84679BSD



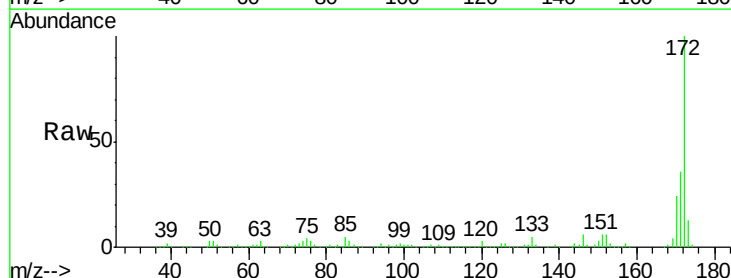
Tot Ion:	196	Resp:	58698
Ion Ratio	Lower	Upper	
196	100		
198	91.7	77.3	115.9
97	55.7	39.6	59.4
132	28.4	20.7	31.1

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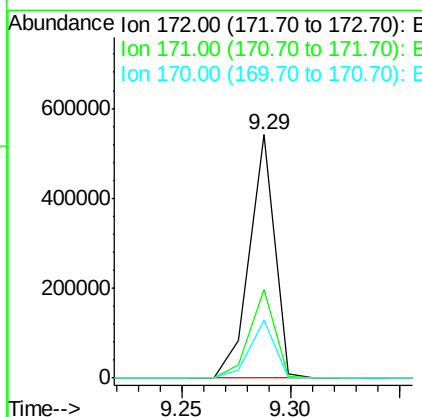
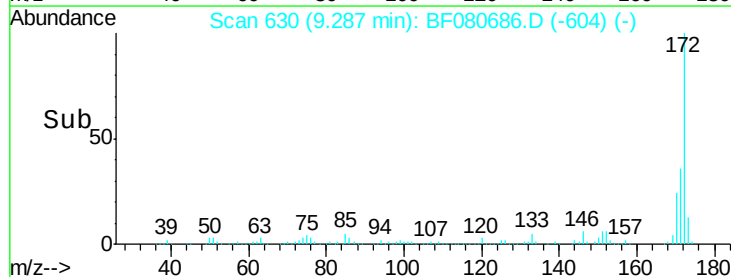
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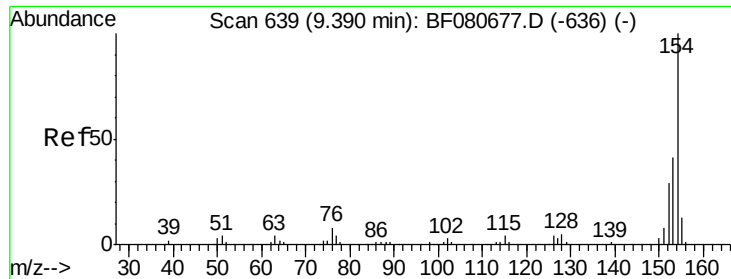


#44
 2-Fluorobiphenyl
 Concen: 94.46 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF080686.D
 Acq: 27 Jul 2015 23:05



Tgt Ion:	172	Resp:	435513
Ion Ratio	Lower	Upper	
172	100		
171	36.4	26.6	39.8
170	23.7	18.6	28.0





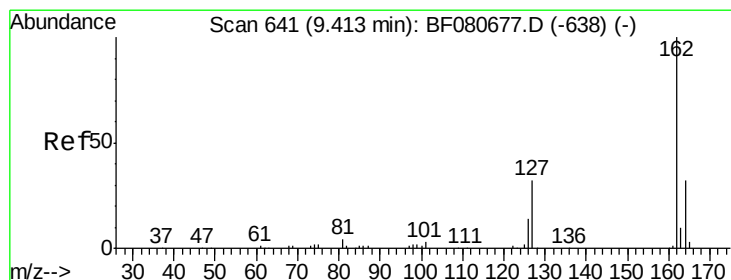
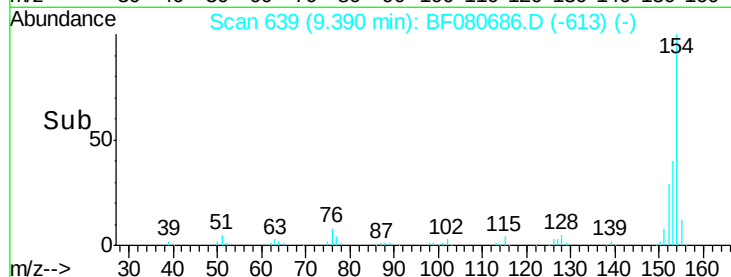
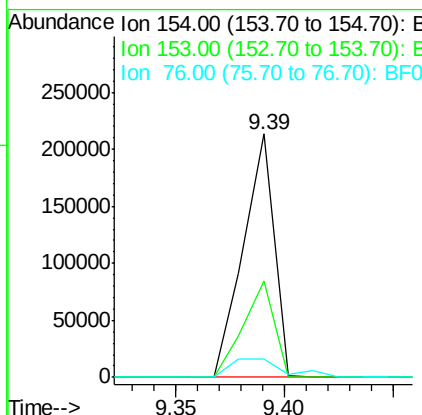
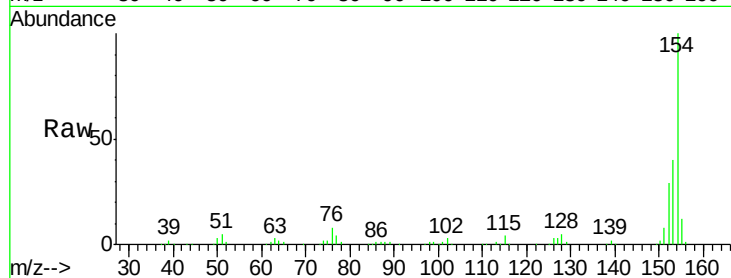
#45
 1,1'-Biphenyl
 Concen: 43.00 ng
 RT: 9.39 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF080686.D
 Acq: 27 Jul 2015 23:05

Instrument :
 BNA_F
 ClientSampleId :
 PB84679BSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	39.5	21.1	61.1	
76	7.7	0.0	28.0	

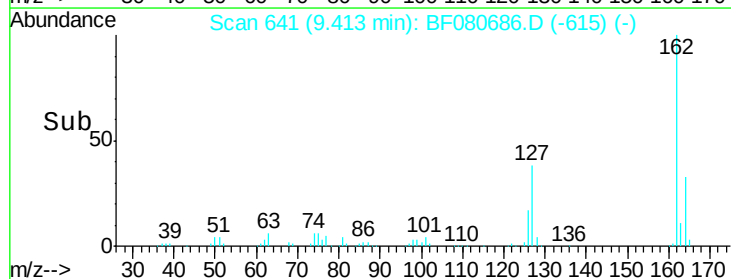
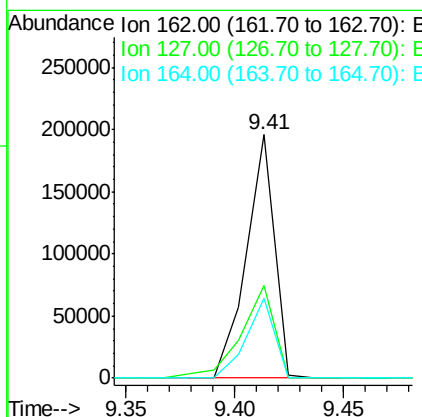
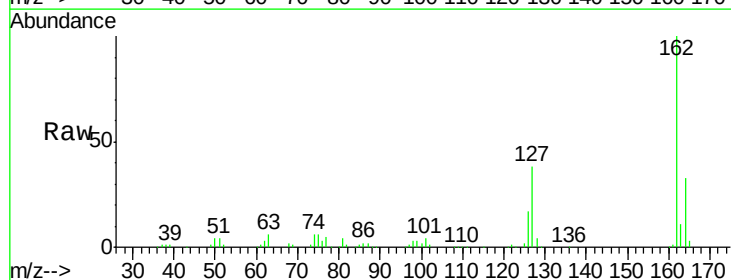
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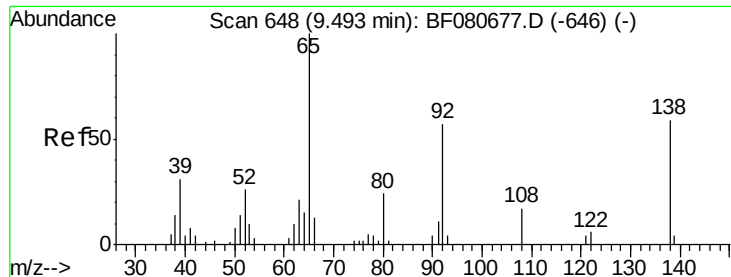
apatel
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#46
 2-Chloronaphthalene
 Concen: 43.14 ng
 RT: 9.41 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF080686.D
 Acq: 27 Jul 2015 23:05

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.2	27.2	40.8	
164	32.7	25.8	38.6	





#47

2-Nitroaniline

Concen: 47.30 ng

RT: 9.50 min Scan# 649

Delta R.T. 0.01 min

Lab File: BF080686.D

Acq: 27 Jul 2015 23:05

Instrument :

BNA_F

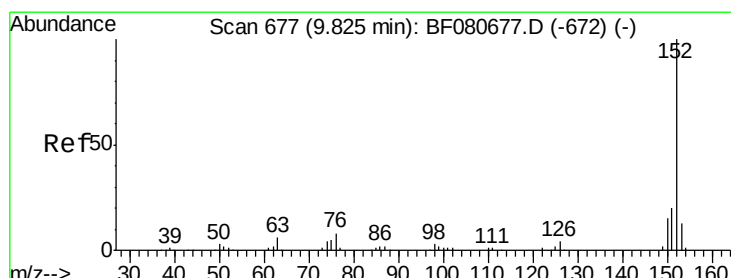
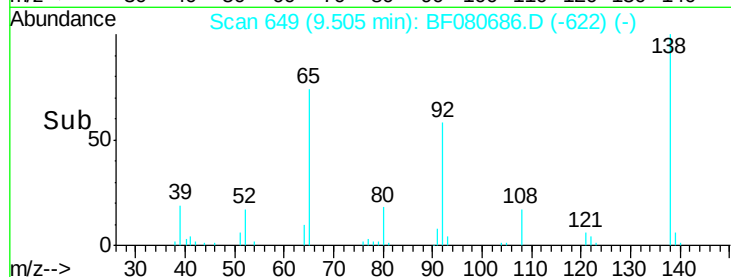
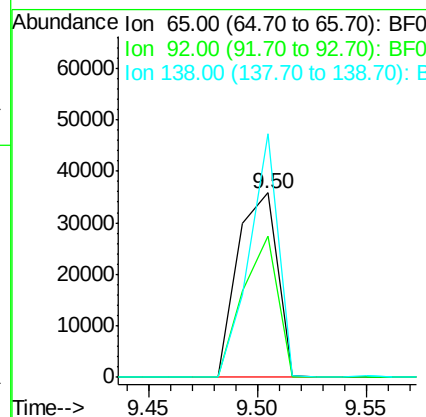
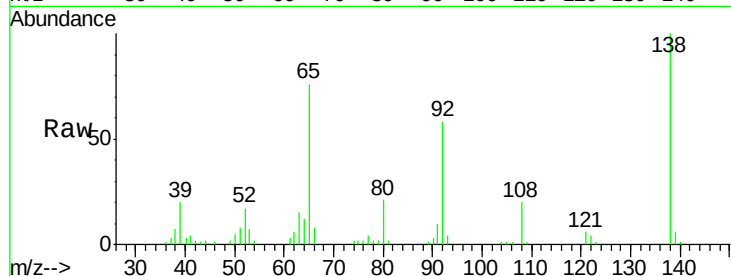
ClientSampleId :

PB84679BSD

Tot Ion:	65	Resp:	45379
Ion Ratio	Lower	Upper	
65	100		
92	76.7	45.9	68.9#
138	131.9	47.0	70.4#

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#48

Acenaphthylene

Concen: 42.89 ng

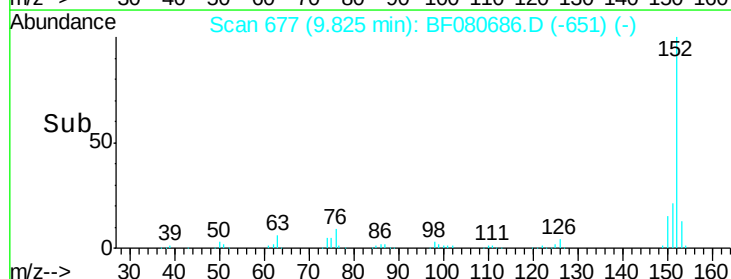
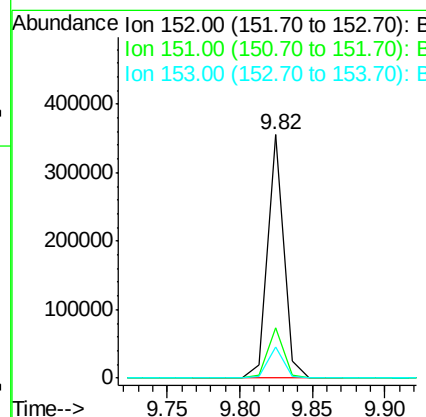
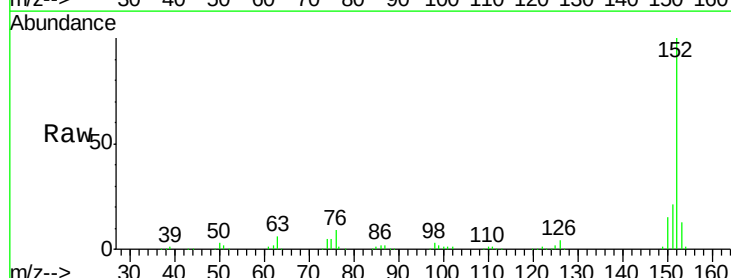
RT: 9.82 min Scan# 677

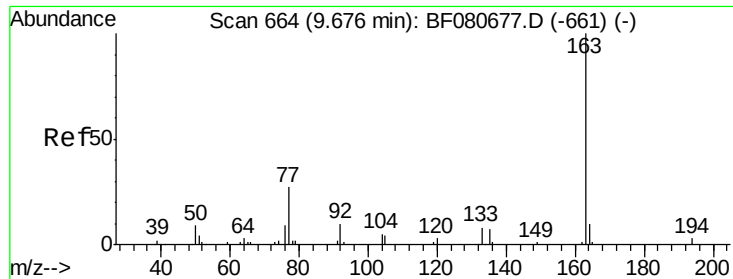
Delta R.T. 0.00 min

Lab File: BF080686.D

Acq: 27 Jul 2015 23:05

Tgt Ion:	152	Resp:	275680
Ion Ratio	Lower	Upper	
152	100		
151	20.6	15.7	23.5
153	12.6	10.2	15.4





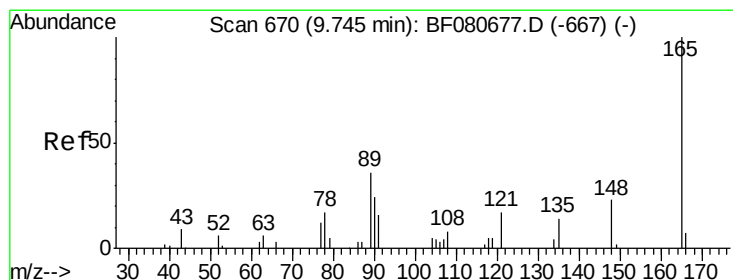
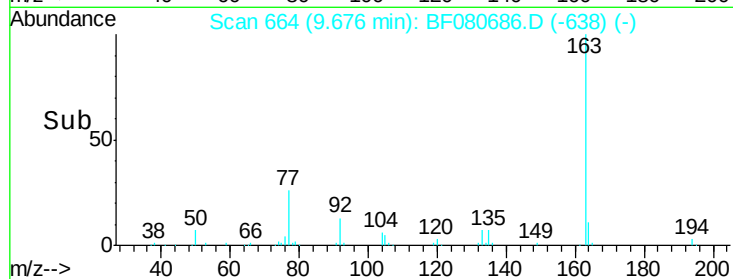
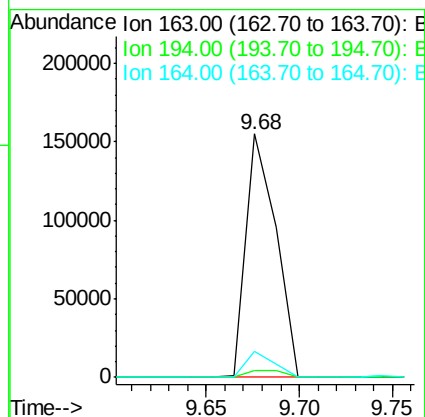
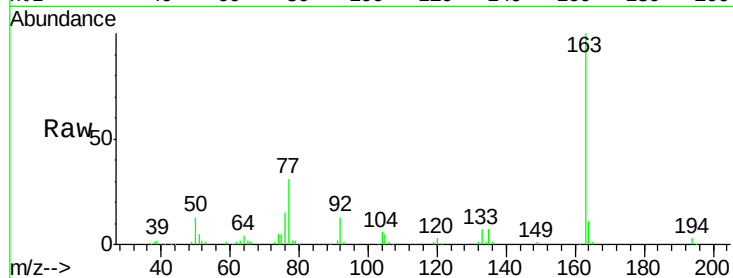
#49
Dimethylphthalate
Concen: 45.39 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF080686.D
Acq: 27 Jul 2015 23:05

Instrument :
BNA_F
ClientSampleId :
PB84679BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	2.9	2.4	3.6
164	10.8	8.1	12.1

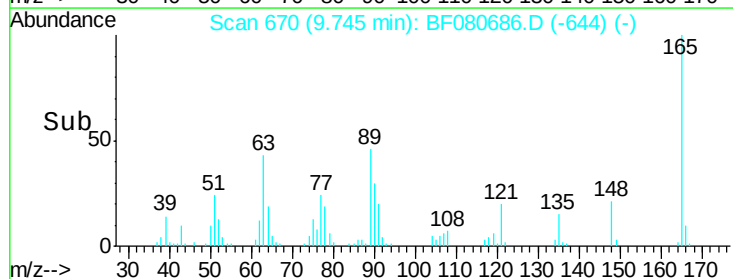
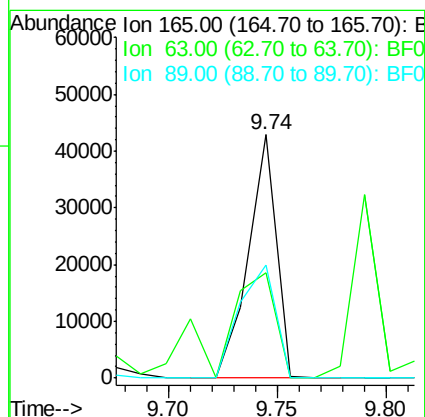
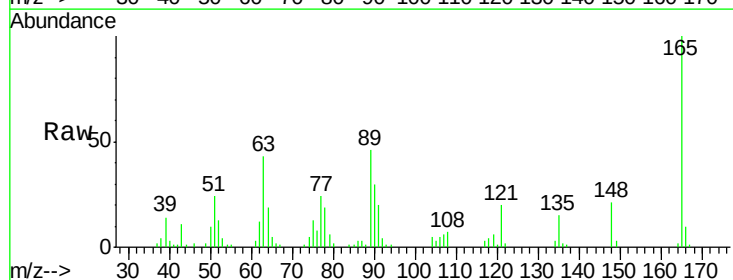
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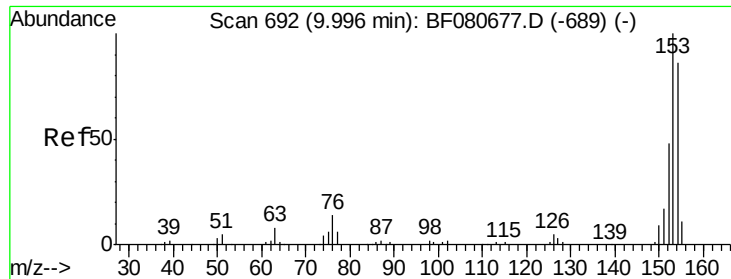
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#50
2,6-Dinitrotoluene
Concen: 51.34 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF080686.D
Acq: 27 Jul 2015 23:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	43.1	27.1	40.7#
89	46.5	29.0	43.6#





#51

Acenaphthene

Concen: 46.50 ng

RT: 10.00 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF080686.D

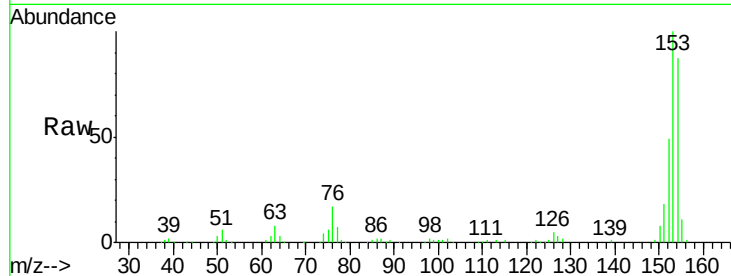
Acq: 27 Jul 2015 23:05

Instrument :

BNA_F

ClientSampleId :

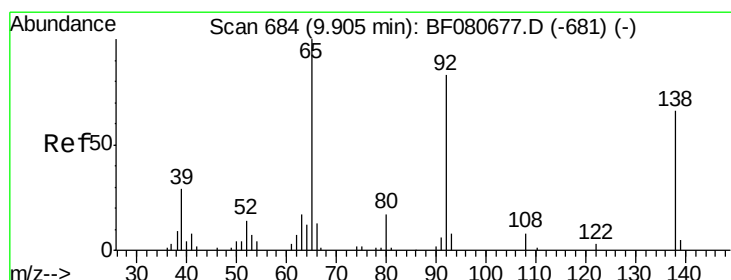
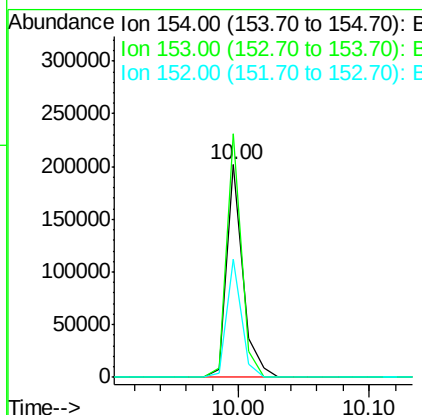
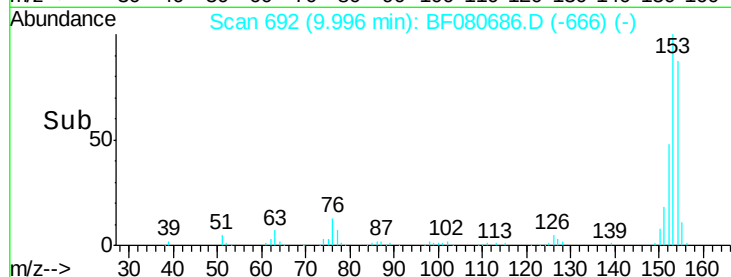
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Tot Ion:	154	Resp:	175931
Ion Ratio	Lower	Upper	
154	100		
153	114.5	92.8	139.2
152	55.7	44.6	66.8

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#52

3-Nitroaniline

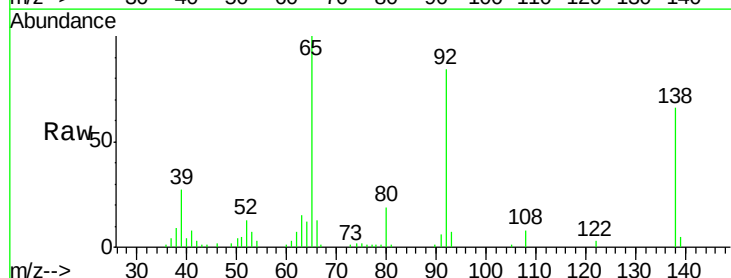
Concen: 31.70 ng

RT: 9.90 min Scan# 684

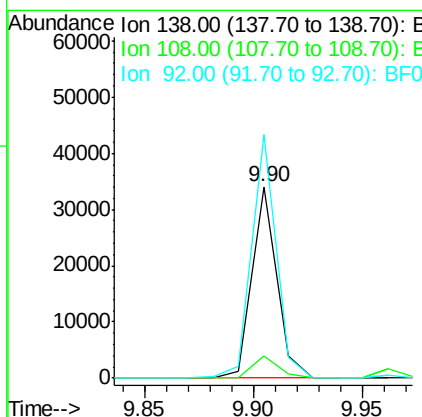
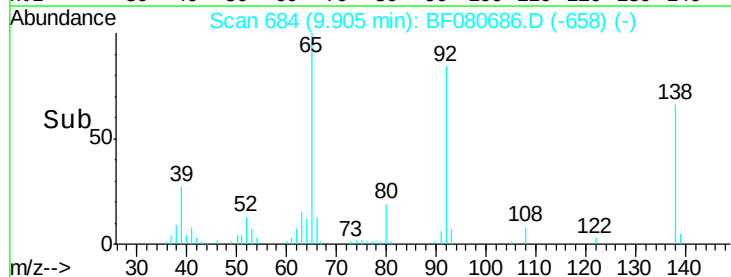
Delta R.T. 0.00 min

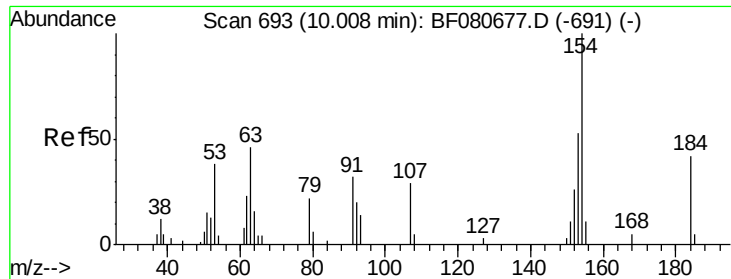
Lab File: BF080686.D

Acq: 27 Jul 2015 23:05



Tgt Ion:	138	Resp:	26902
Ion Ratio	Lower	Upper	
138	100		
108	11.7	10.3	15.5
92	127.2	100.6	151.0





#53

2,4-Dinitrophenol

Concen: 115.26 ng

RT: 10.01 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF080686.D

Acq: 27 Jul 2015 23:05

Instrument :

BNA_F

ClientSampleId :

PB84679BSD

Tot Ion:184 Resp: 22359

Ion Ratio Lower Upper

184 100

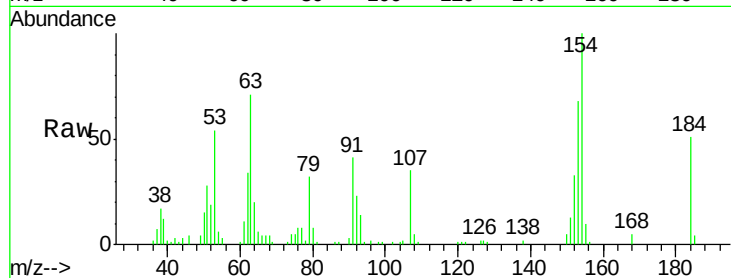
63 140.5 104.5 156.7

154 197.9 276.3 414.5#

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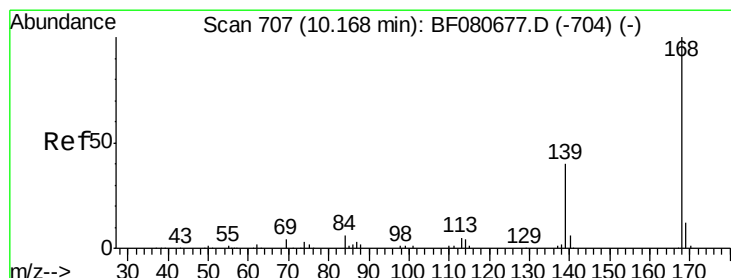
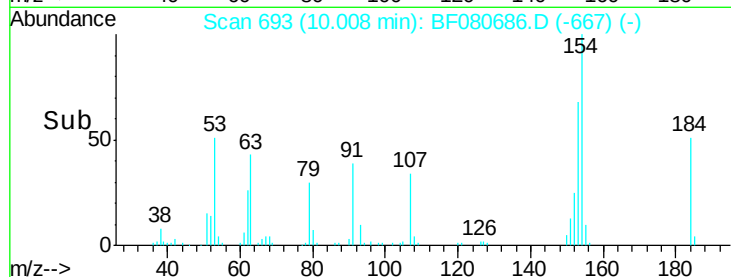
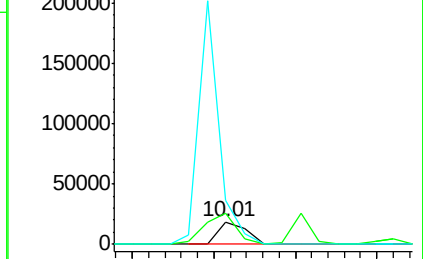
7/29/2015 10:40:47 AM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 45.92 ng

RT: 10.17 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF080686.D

Acq: 27 Jul 2015 23:05

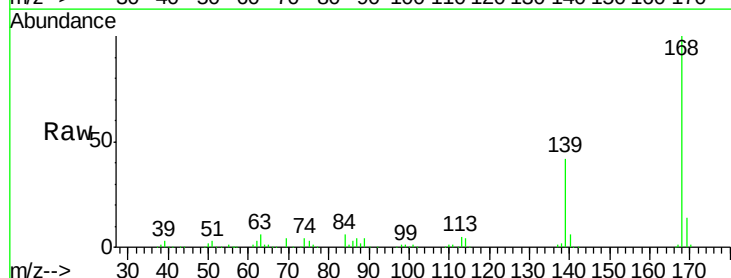
Tgt Ion:168 Resp: 237181

Ion Ratio Lower Upper

168 100

139 42.3 31.8 47.8

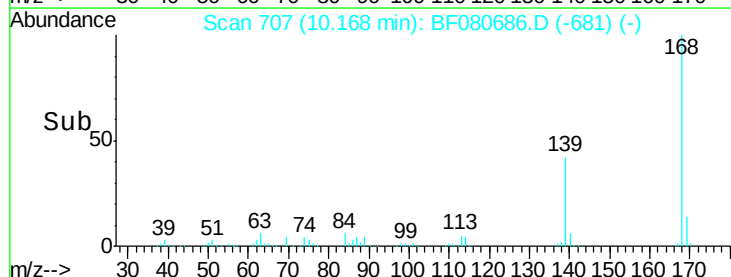
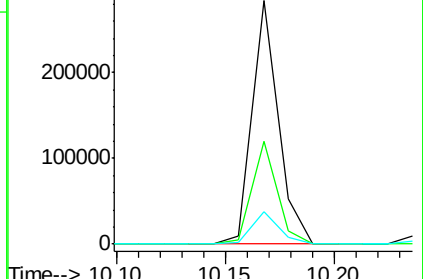
169 13.6 9.8 14.6

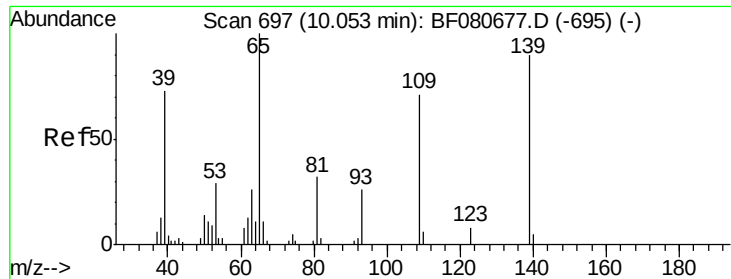


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 93.95 ng

RT: 10.05 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF080686.D

Acq: 27 Jul 2015 23:05

Instrument :

BNA_F

ClientSampleId :

PB84679BSD

Tot Ion:139 Resp: 53672

Ion Ratio Lower Upper

139 100

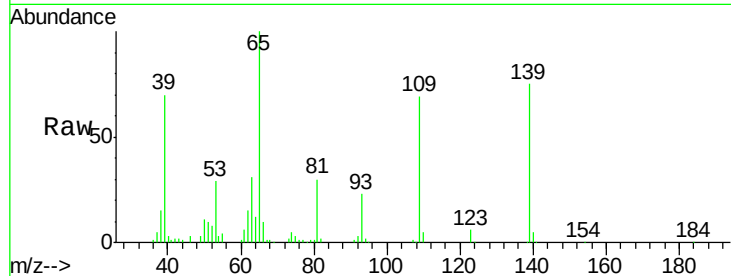
109 91.4 58.4 98.4

65 132.9 90.5 130.5

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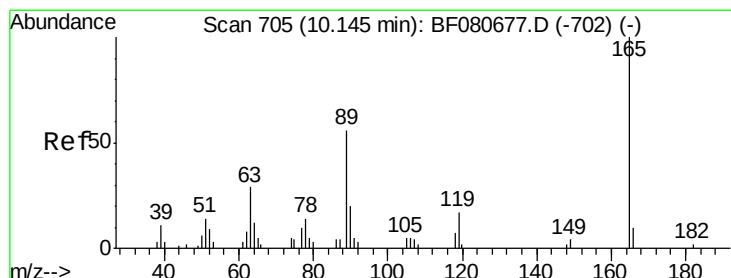
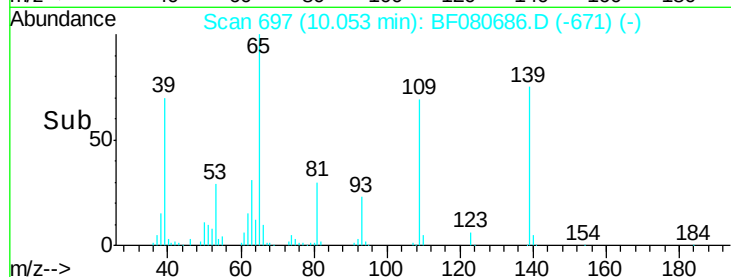
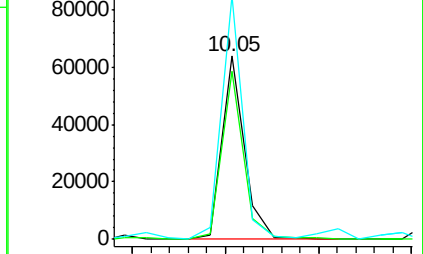
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Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 57.30 ng

RT: 10.14 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF080686.D

Acq: 27 Jul 2015 23:05

Tgt Ion:165 Resp: 48687

Ion Ratio Lower Upper

165 100

63 33.6 23.2 34.8

89 58.5 44.6 67.0

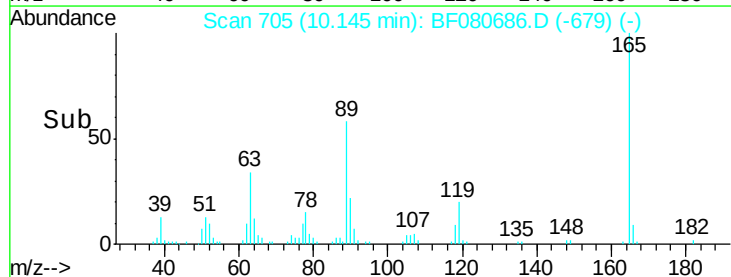
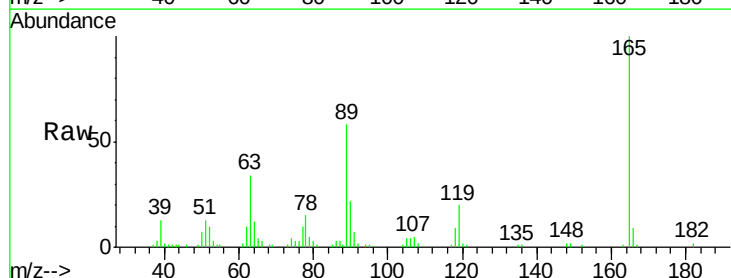
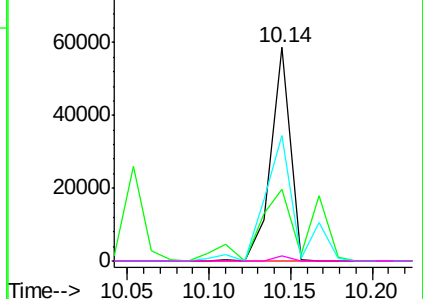
182 2.4 1.9 2.9

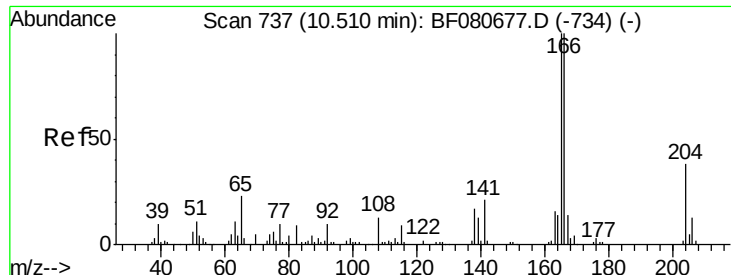
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





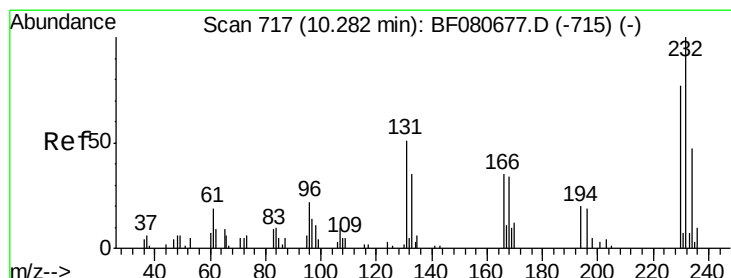
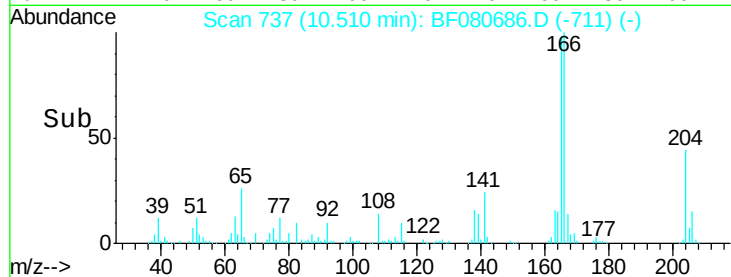
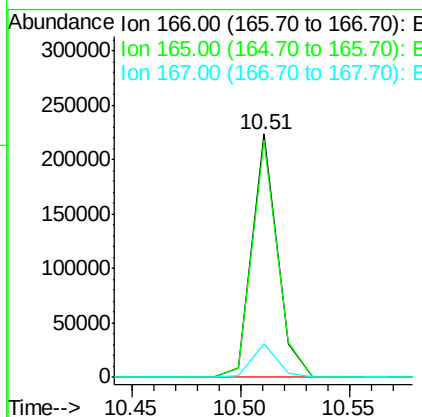
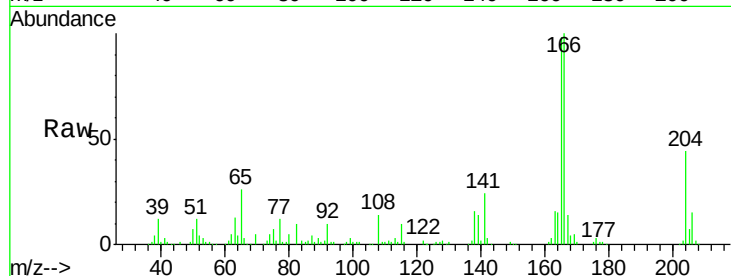
#57
 Fluorene
 Concen: 46.21 ng
 RT: 10.51 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BF080686.D
 Acq: 27 Jul 2015 23:05

Instrument :
 BNA_F
 ClientSampleId :
 PB84679BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	181068		
165	97.6	80.2	120.4	
167	13.9	11.0	16.4	

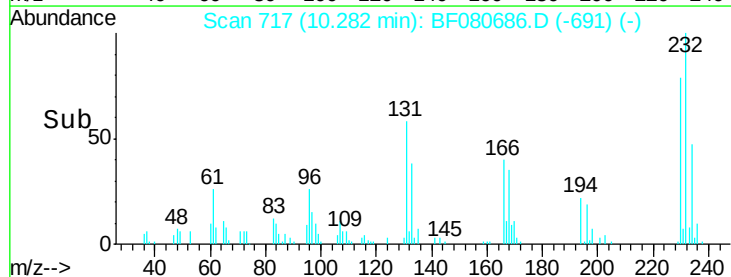
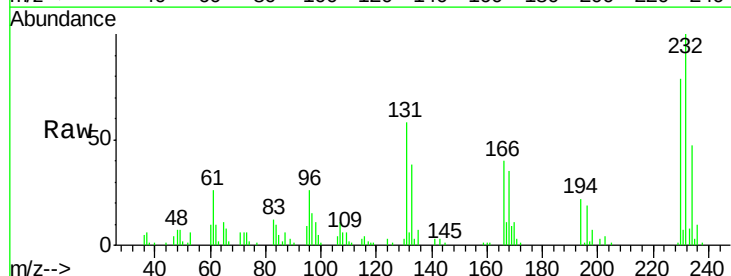
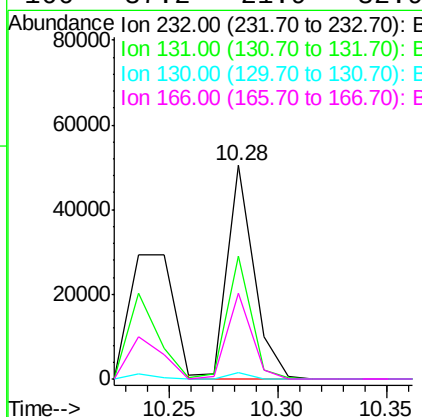
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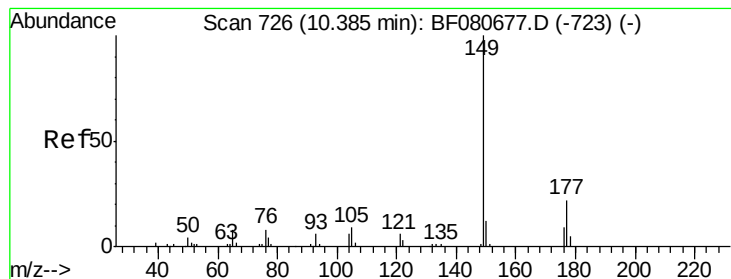
apatel
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.45 ng
 RT: 10.28 min Scan# 717
 Delta R.T. 0.00 min
 Lab File: BF080686.D
 Acq: 27 Jul 2015 23:05

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	42592		
131	52.7	33.4	50.0#	
130	2.7	1.5	2.3#	
166	37.2	21.9	32.9#	





#59

Diethylphthalate

Concen: 51.92 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF080686.D

Acq: 27 Jul 2015 23:05

Instrument :

BNA_F

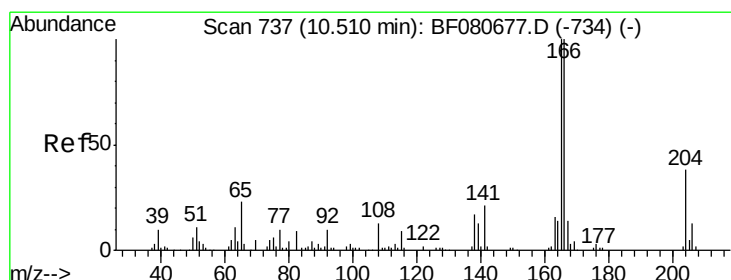
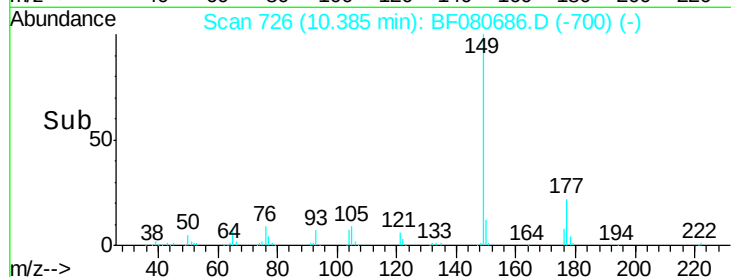
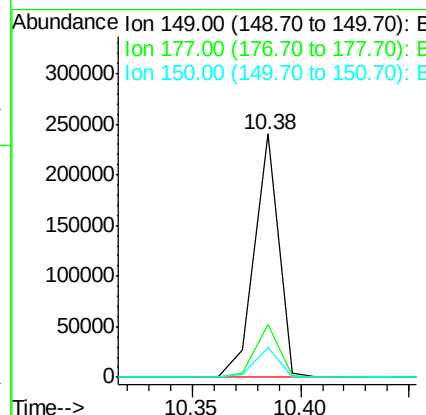
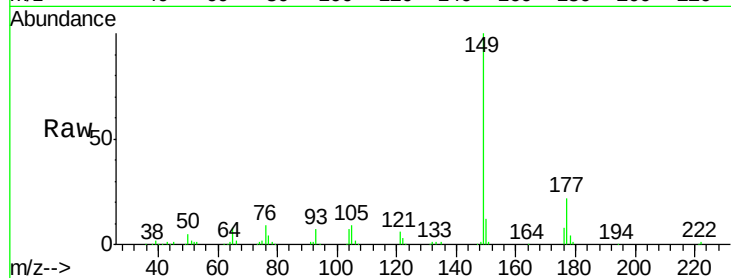
ClientSampleId :

PB84679BSD

Tot Ion:	149	Resp:	186111
Ion Ratio	Lower	Upper	
149	100		
177	21.7	17.4	26.2
150	12.2	9.5	14.3

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#60

4-Chlorophenyl-phenylether

Concen: 48.95 ng

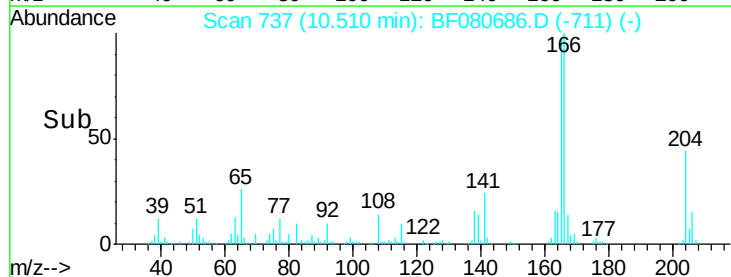
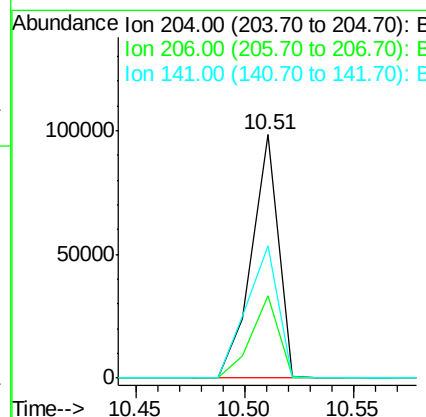
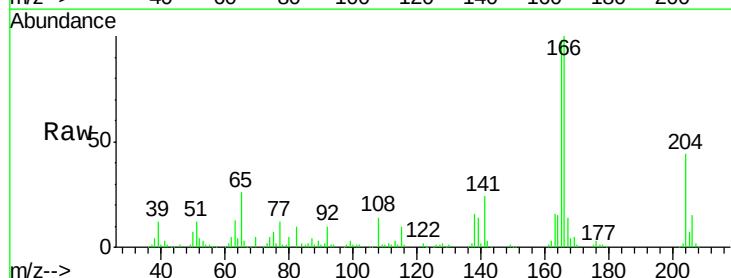
RT: 10.51 min Scan# 737

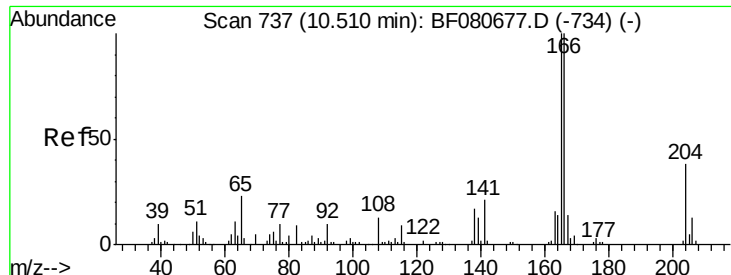
Delta R.T. 0.00 min

Lab File: BF080686.D

Acq: 27 Jul 2015 23:05

Tgt Ion:	204	Resp:	84330
Ion Ratio	Lower	Upper	
204	100		
206	33.6	26.5	39.7
141	54.5	43.8	65.6





#61

4-Nitroaniline

Concen: 42.04 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF080686.D

Acq: 27 Jul 2015 23:05

Instrument :

BNA_F

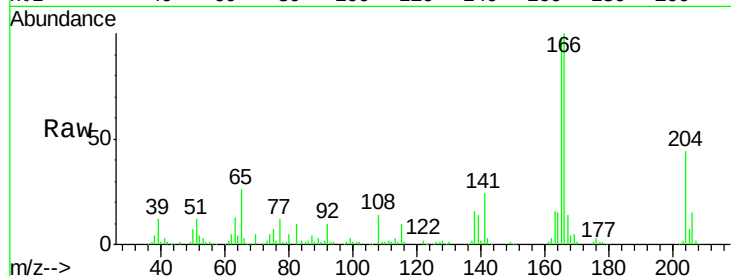
ClientSampleId :

PB84679BSD

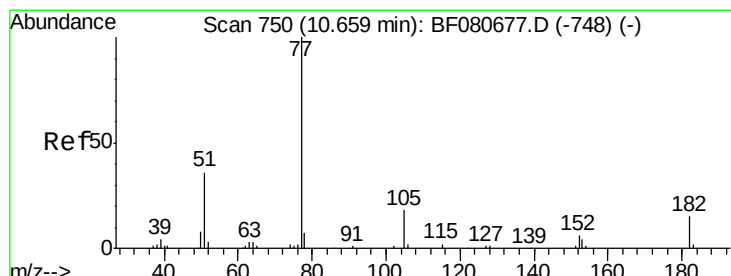
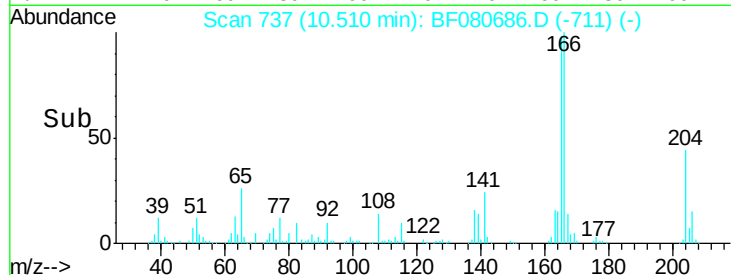
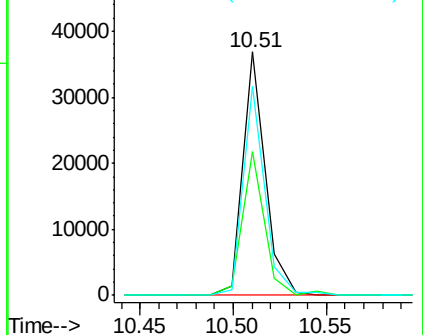
Tot Ion:	138	Resp:	30753
Ion Ratio	Lower	Upper	
138	100		
92	59.0	38.1	78.1
108	85.9	59.7	99.7

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



#62

Azobenzene

Concen: 49.71 ng

RT: 10.66 min Scan# 750

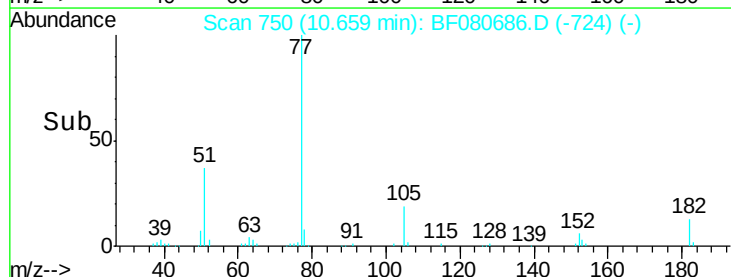
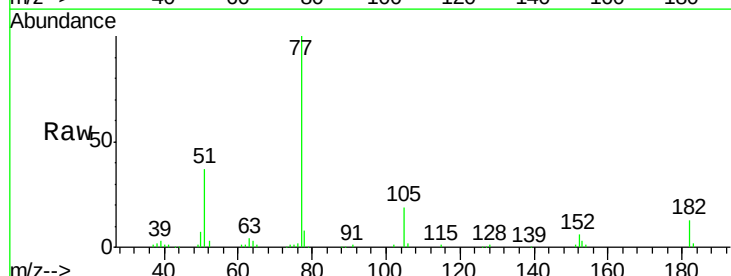
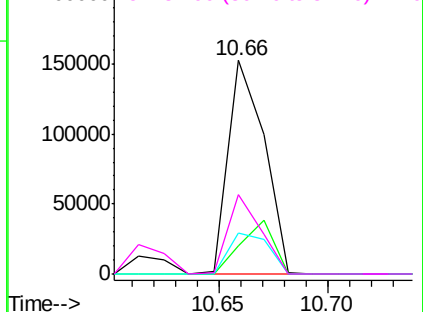
Delta R.T. 0.00 min

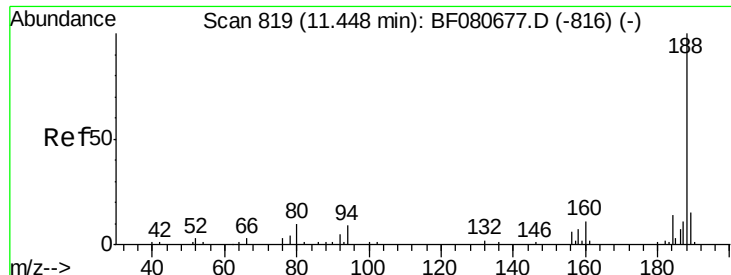
Lab File: BF080686.D

Acq: 27 Jul 2015 23:05

Tgt Ion:	77	Resp:	174313
Ion Ratio	Lower	Upper	
77	100		
182	13.4	0.0	34.7
105	19.1	0.0	37.8
51	37.0	16.3	56.3

Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





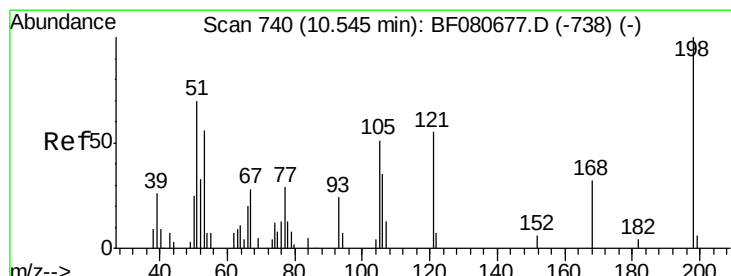
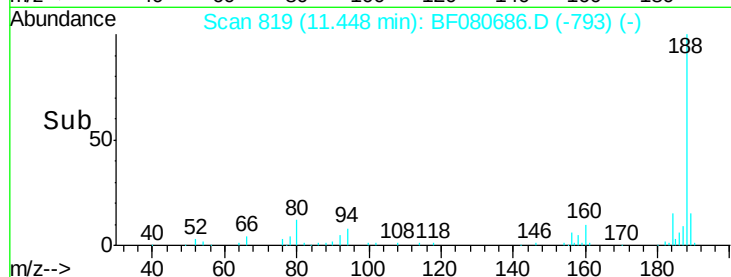
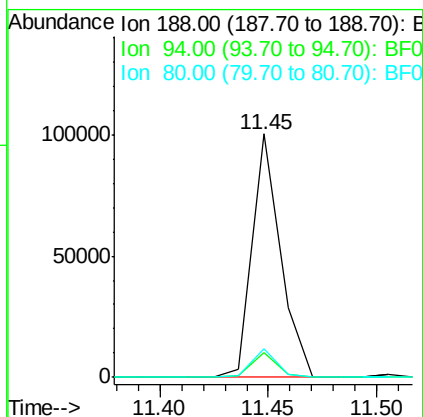
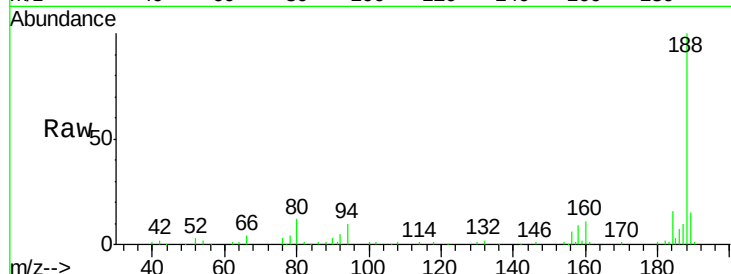
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.45 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF080686.D
 Acq: 27 Jul 2015 23:05

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	188	Resp	90903
Ion Ratio	100	Lower	Upper
188	100		
94	10.0	7.2	10.8
80	11.9	8.2	12.2

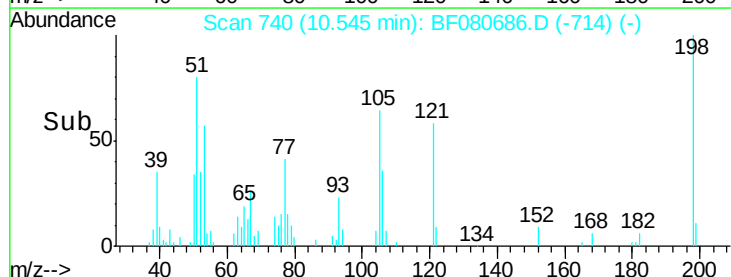
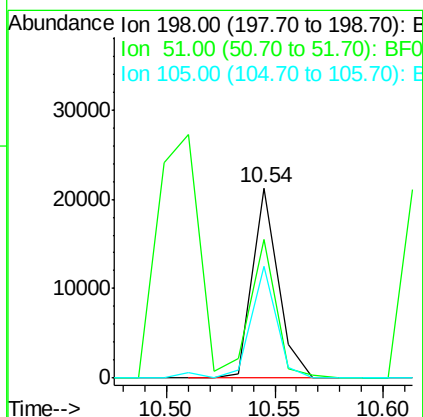
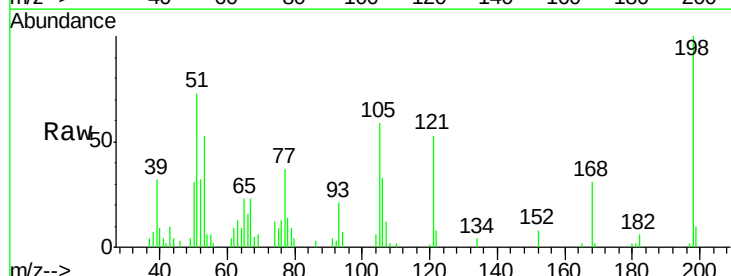
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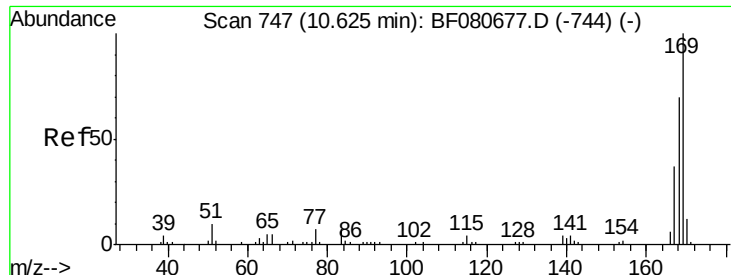
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 50.73 ng
 RT: 10.54 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF080686.D
 Acq: 27 Jul 2015 23:05

Tgt Ion	198	Resp	17533
Ion Ratio	100	Lower	Upper
198	100		
51	72.8	55.1	95.1
105	58.6	30.9	70.9





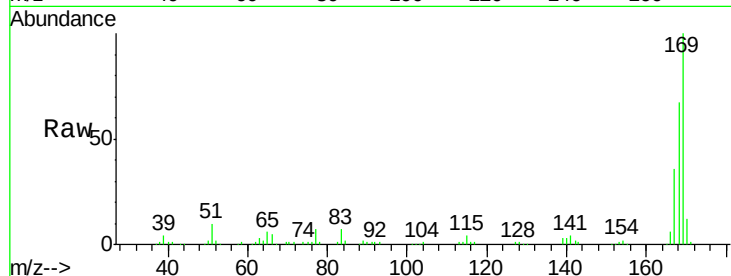
#65
 n-Nitrosodiphenylamine
 Concen: 46.60 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF080686.D
 Acq: 27 Jul 2015 23:05

Instrument :
 BNA_F
 ClientSampleId :
 PB84679BSD

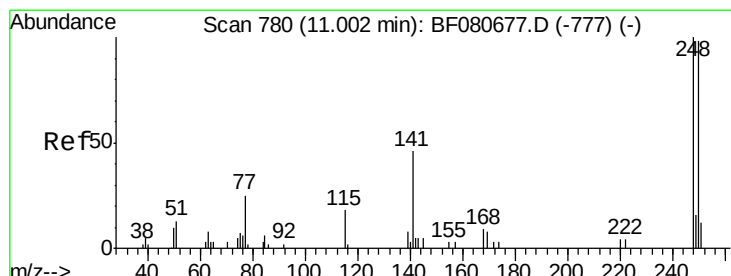
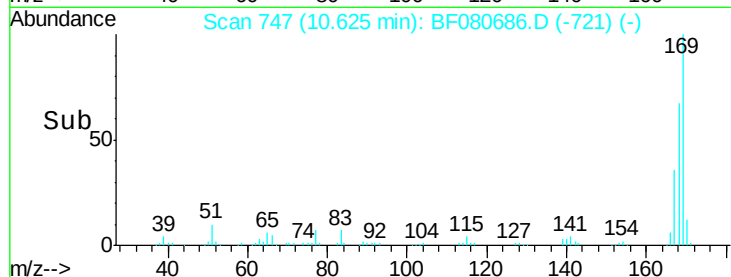
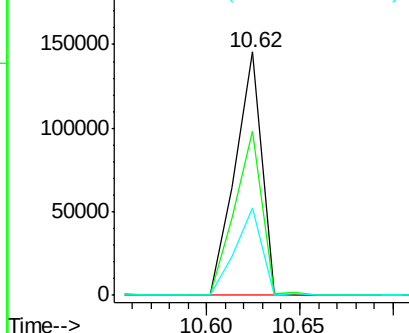
Tot Ion	Ratio	Resp	Lower	Upper
169	100	145345		
168	67.4		56.2	84.2
167	35.7		29.3	43.9

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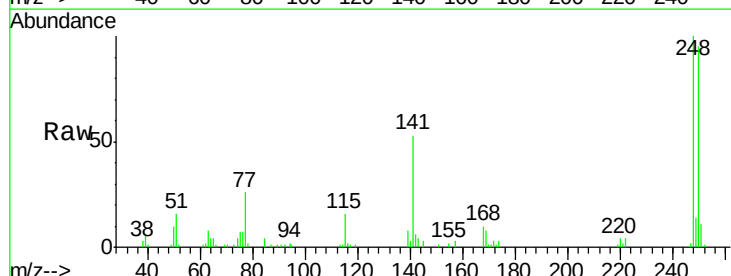


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

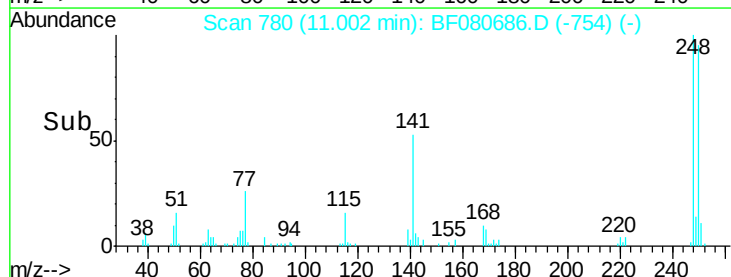
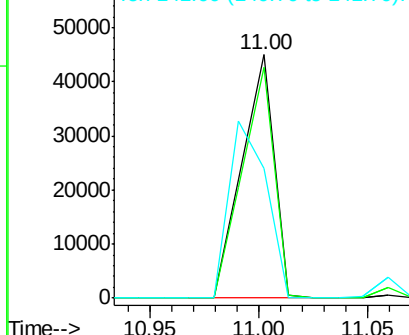


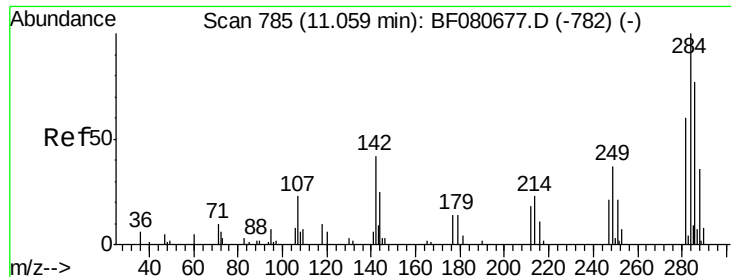
#66
 4-Bromophenyl-phenylether
 Concen: 47.26 ng
 RT: 11.00 min Scan# 780
 Delta R.T. 0.00 min
 Lab File: BF080686.D
 Acq: 27 Jul 2015 23:05

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	46176		
250	94.7		78.5	117.7
141	53.2		36.8	55.2



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





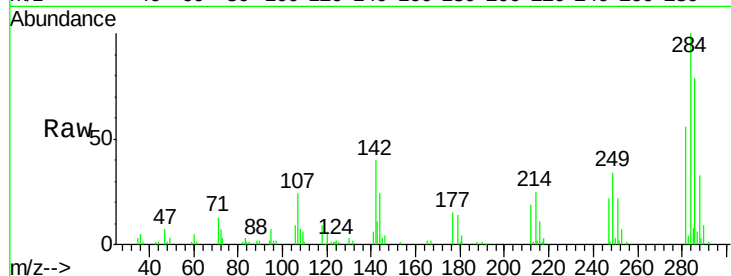
#67
Hexachlorobenzene
Concen: 44.67 ng
RT: 11.06 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF080686.D
Acq: 27 Jul 2015 23:05

Instrument :
BNA_F
ClientSampleId :
PB84679BSD

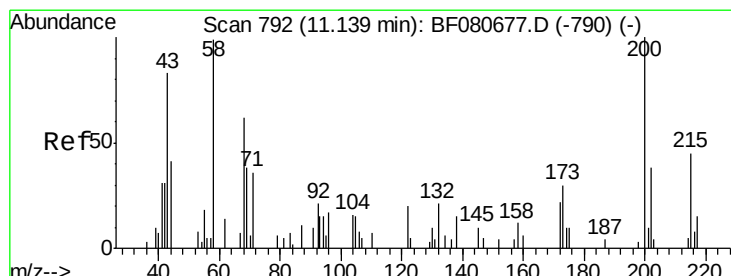
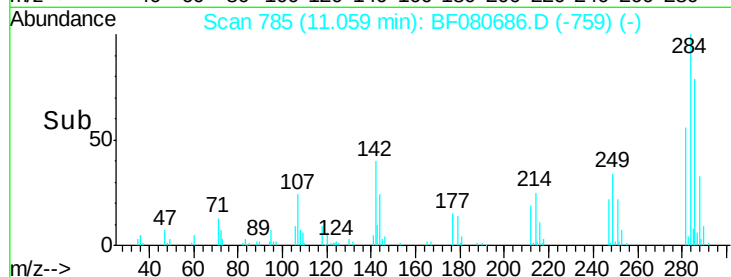
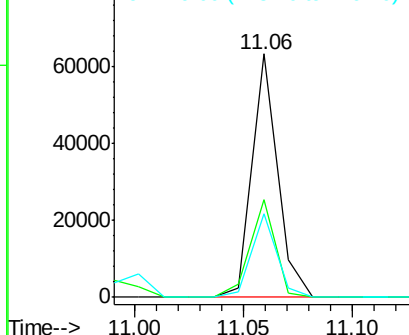
Tot Ion	Ratio	Resp	Lower	Upper
284	100	51632		
142	40.2	34.0	51.0	
249	34.5	29.4	44.0	

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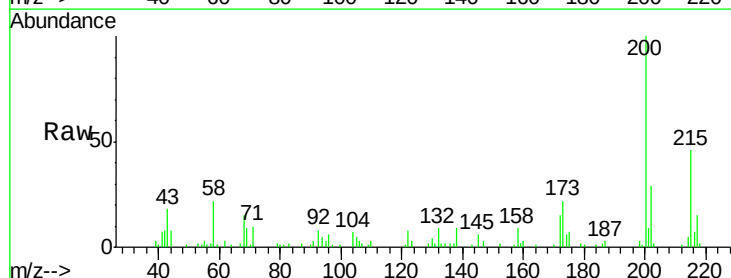


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

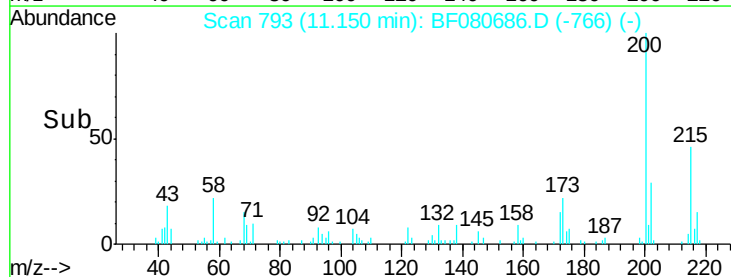
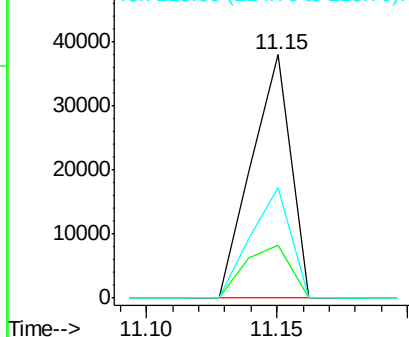


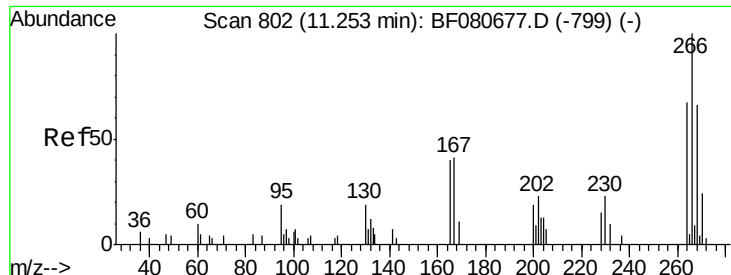
#68
Atrazine
Concen: 64.77 ng
RT: 11.15 min Scan# 793
Delta R.T. 0.01 min
Lab File: BF080686.D
Acq: 27 Jul 2015 23:05

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	39463		
173	22.0	9.7	49.7	
215	45.6	24.7	64.7	



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





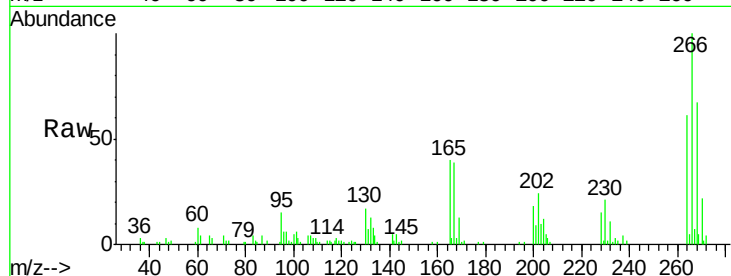
#69
 Pentachlorophenol
 Concen: 113.97 ng
 RT: 11.25 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF080686.D
 Acq: 27 Jul 2015 23:05

Instrument :
 BNA_F
 ClientSampleId :
 PB84679BSD

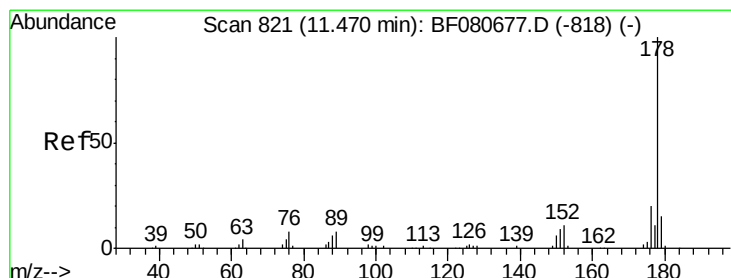
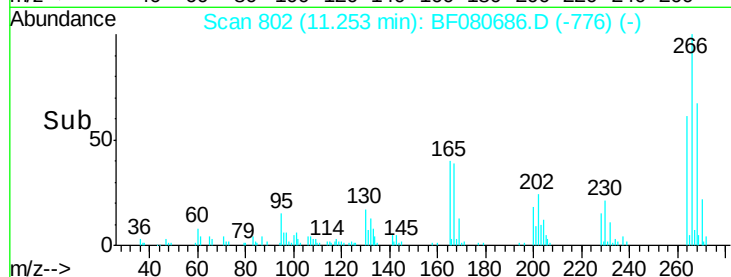
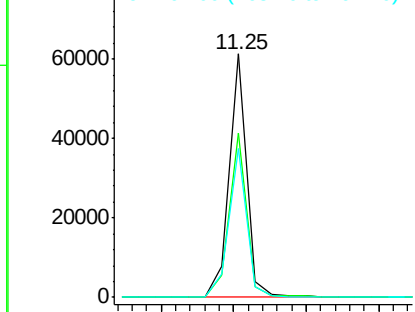
Tot Ion	Ratio	Lower	Upper
266	100		
268	67.5	52.6	78.8
264	61.1	53.4	80.2

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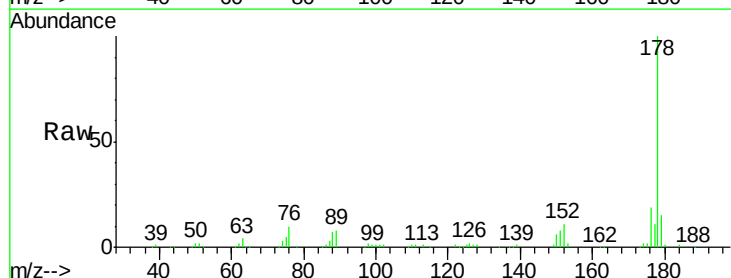


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

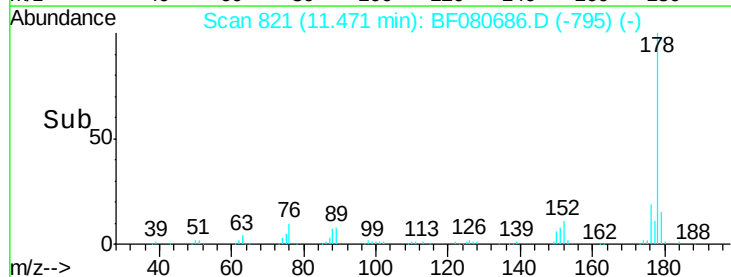
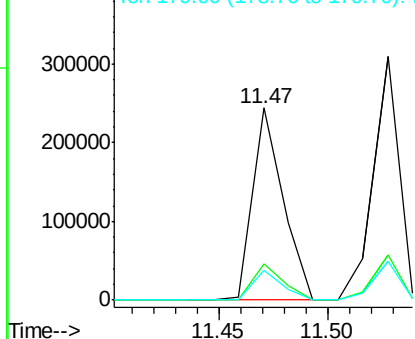


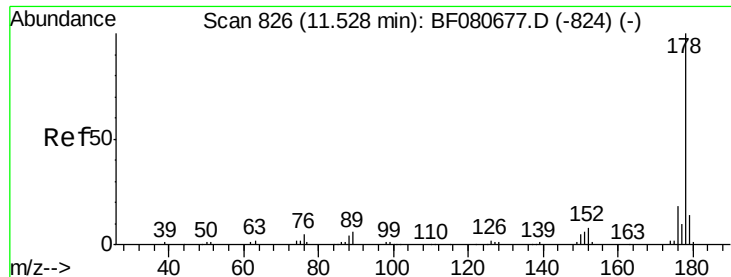
#70
 Phenanthrene
 Concen: 45.63 ng
 RT: 11.47 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF080686.D
 Acq: 27 Jul 2015 23:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.6	23.4
179	15.2	12.3	18.5



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





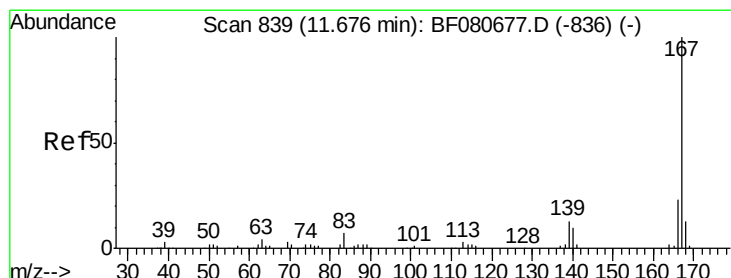
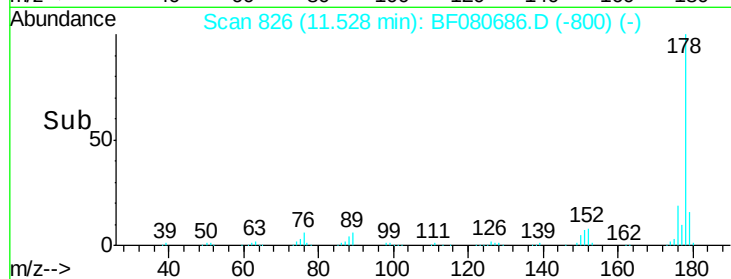
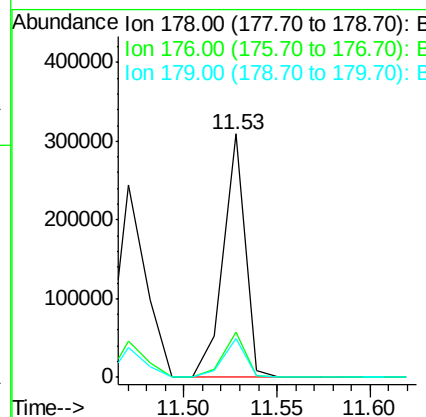
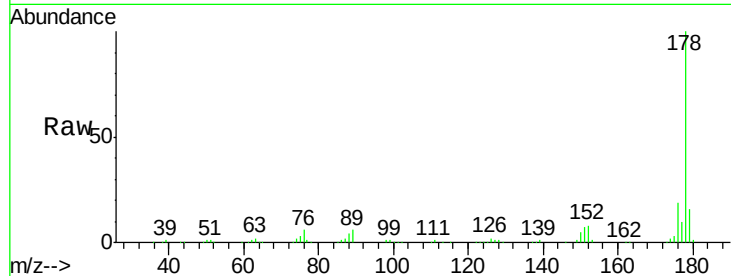
#71
 Anthracene
 Concen: 50.49 ng
 RT: 11.53 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF080686.D
 Acq: 27 Jul 2015 23:05

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.3	21.5
179	15.8	10.8	16.2

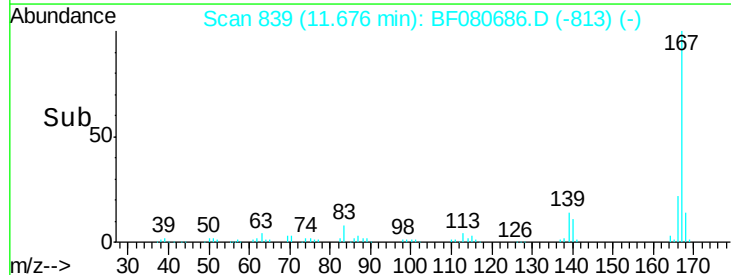
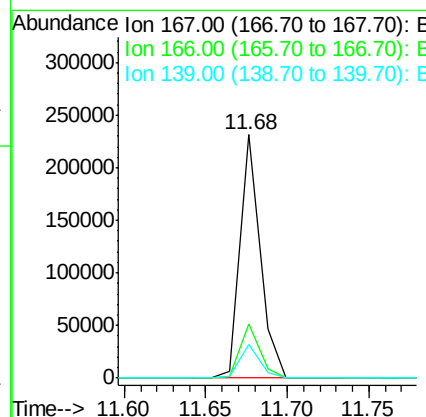
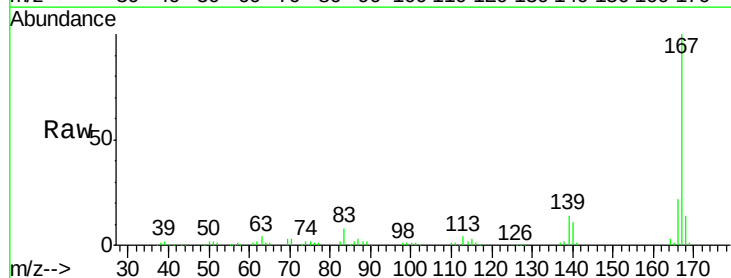
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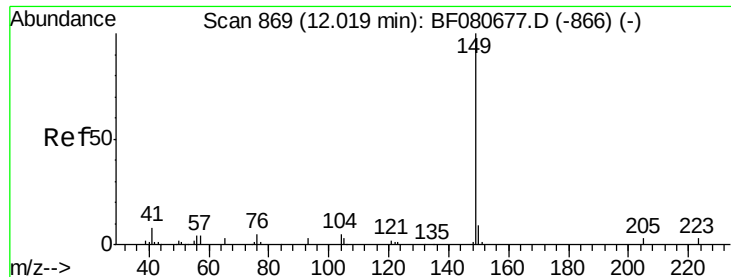
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#72
 Carbazole
 Concen: 46.20 ng
 RT: 11.68 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF080686.D
 Acq: 27 Jul 2015 23:05

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.1	27.1
139	13.9	10.1	15.1





#73

Di-n-butylphthalate

Concen: 55.23 ng

RT: 12.02 min Scan# 869

Delta R.T. 0.00 min

Lab File: BF080686.D

Acq: 27 Jul 2015 23:05

Instrument :

BNA_F

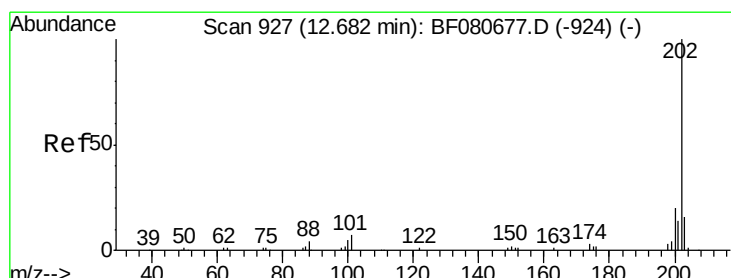
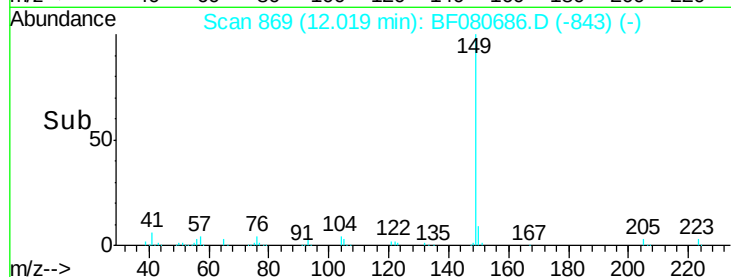
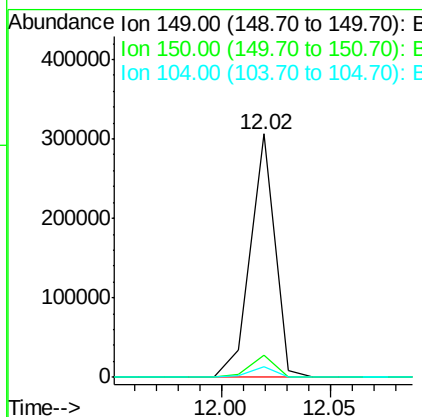
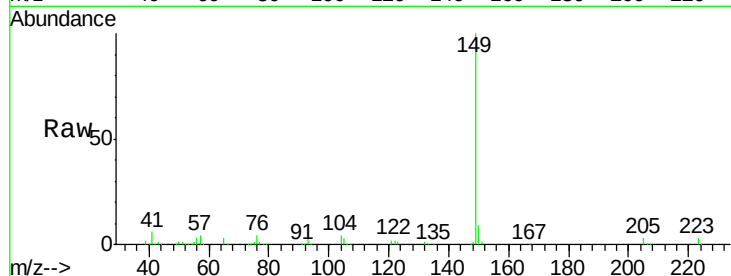
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Tot Ion:	149	Resp:	239889
Ion Ratio	Lower	Upper	
149	100		
150	9.1	6.8	10.2
104	4.4	4.0	6.0

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#74

Fluoranthene

Concen: 53.60 ng

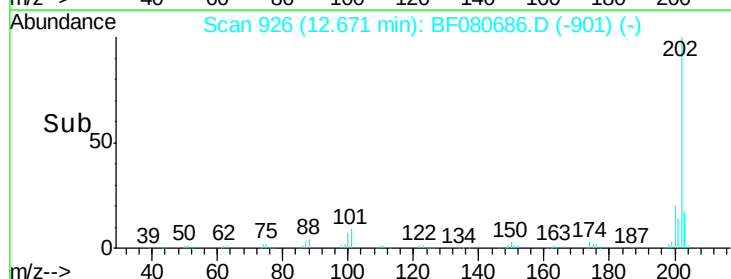
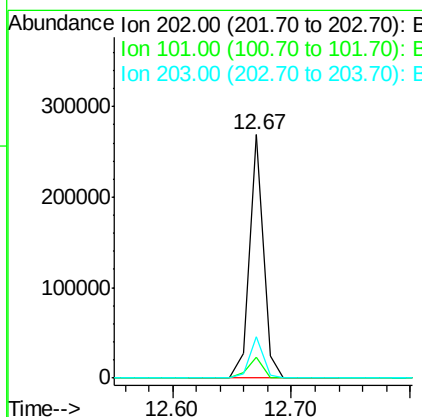
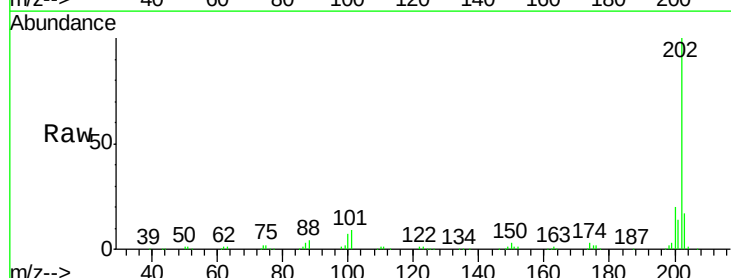
RT: 12.67 min Scan# 926

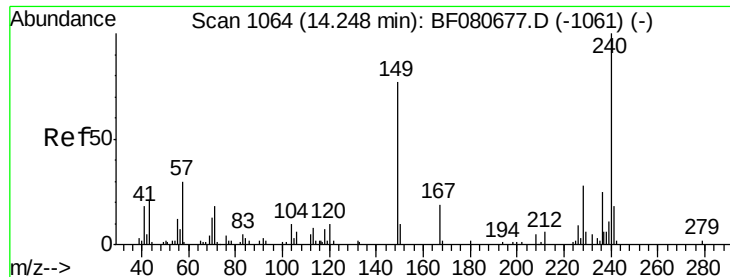
Delta R.T. -0.01 min

Lab File: BF080686.D

Acq: 27 Jul 2015 23:05

Tgt Ion:	202	Resp:	221250
Ion Ratio	Lower	Upper	
202	100		
101	8.7	0.0	27.3
203	16.9	0.0	36.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.20 min Scan# 1060

Delta R.T. -0.05 min

Lab File: BF080686.D

Acq: 27 Jul 2015 23:05

Instrument :

BNA_F

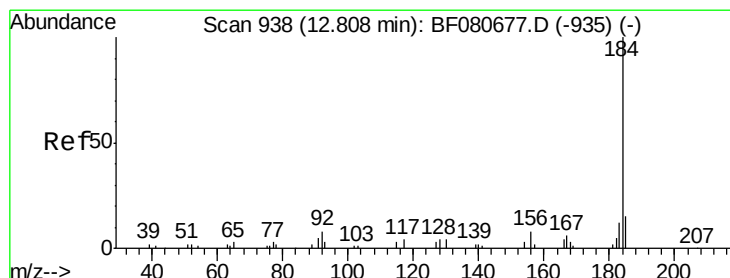
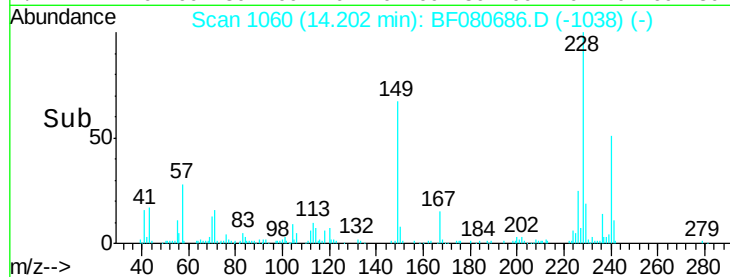
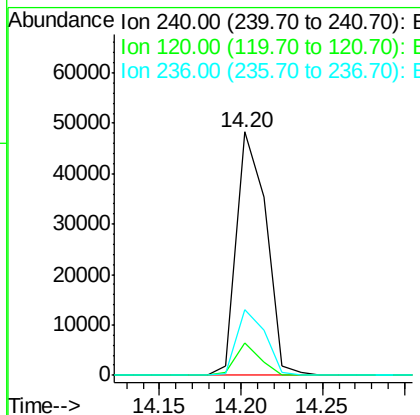
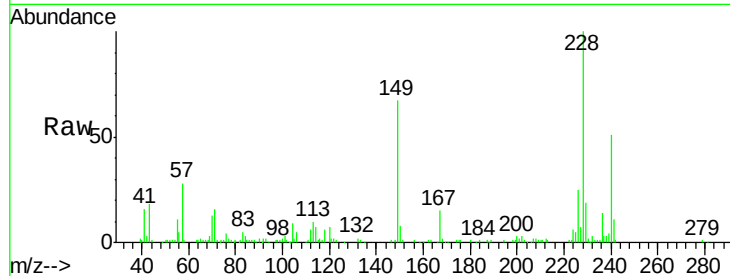
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
240	100		
120	13.6	8.0	12.0#
236	27.0	20.0	30.0

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#76

Benzidine

Concen: 25.10 ng

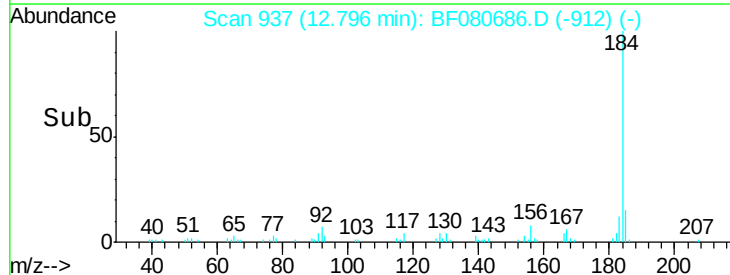
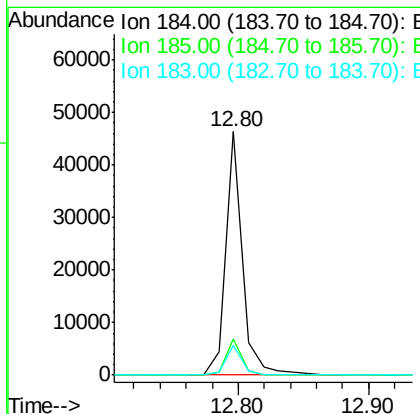
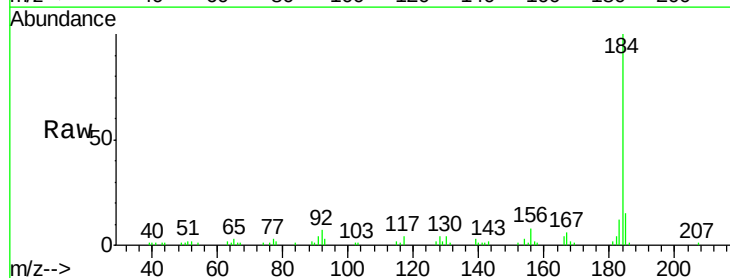
RT: 12.80 min Scan# 937

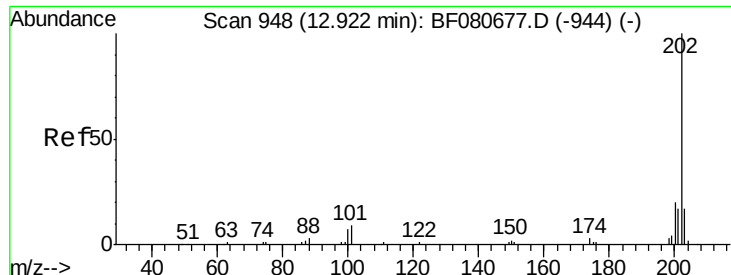
Delta R.T. -0.01 min

Lab File: BF080686.D

Acq: 27 Jul 2015 23:05

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.8	11.8	17.6
183	12.2	9.7	14.5





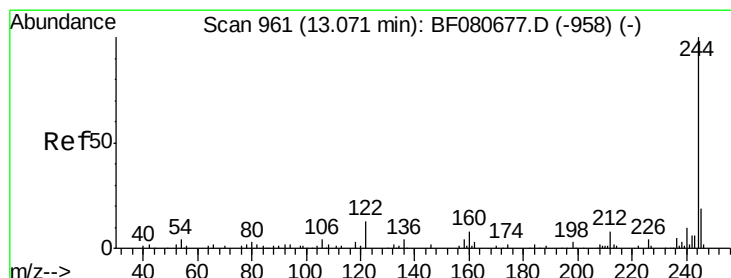
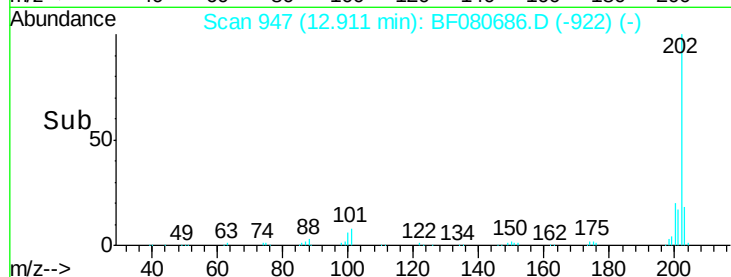
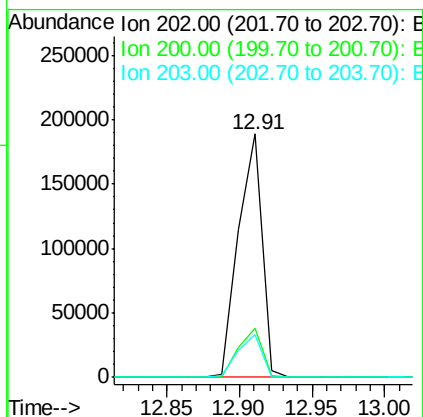
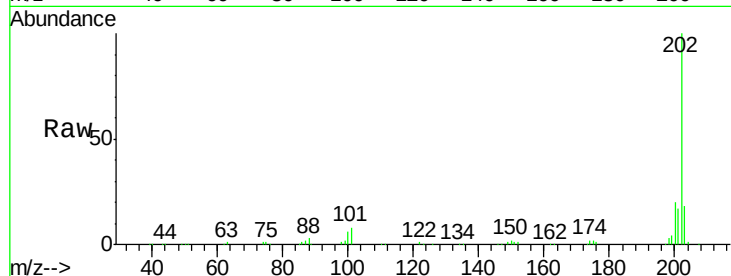
#77
Pvrene
Concen: 42.44 ng
RT: 12.91 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF080686.D
Acq: 27 Jul 2015 23:05

Instrument :
BNA_F
ClientSampleId :
PB84679BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.2	16.3	24.5
203	17.7	13.4	20.2

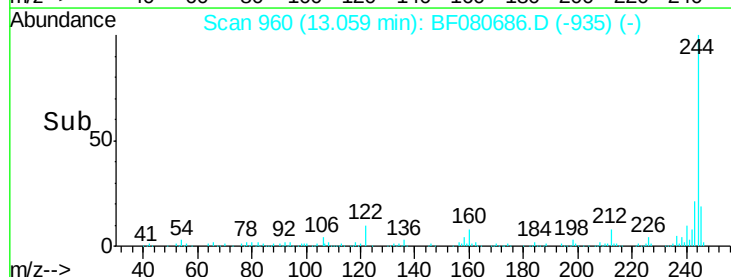
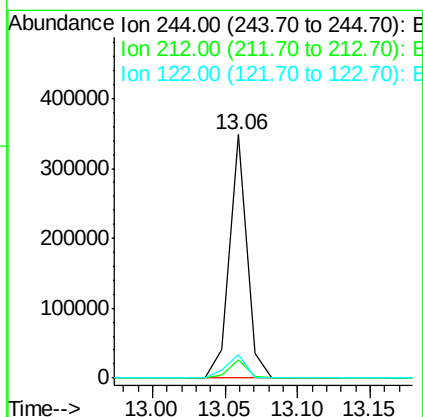
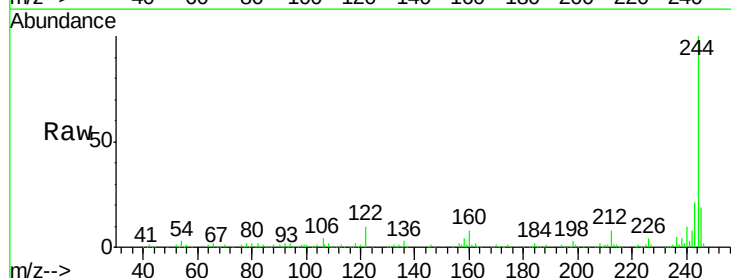
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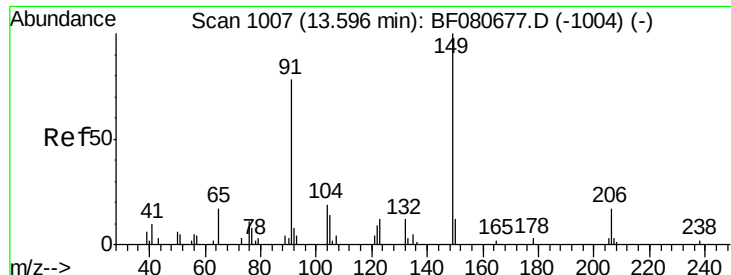
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#78
Terphenyl-d14
Concen: 82.49 ng
RT: 13.06 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF080686.D
Acq: 27 Jul 2015 23:05

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.5	6.1	9.1
122	9.7	10.2	15.2#





#79

Butylbenzylphthalate

Concen: 48.82 ng

RT: 13.57 min Scan# 1005

Delta R.T. -0.02 min

Lab File: BF080686.D

Acq: 27 Jul 2015 23:05

Instrument :

BNA_F

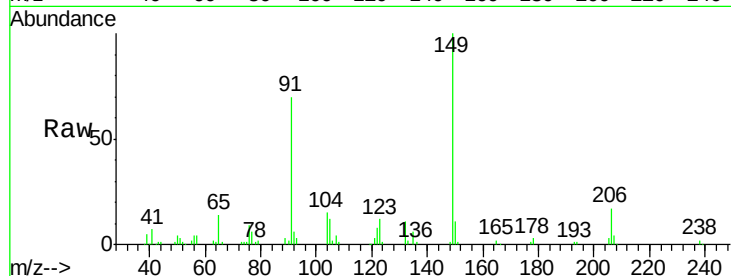
ClientSampleId :

PB84679BSD

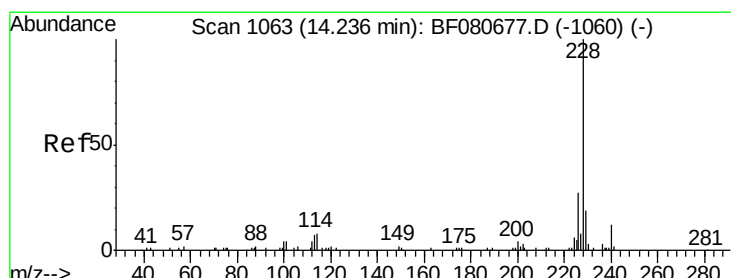
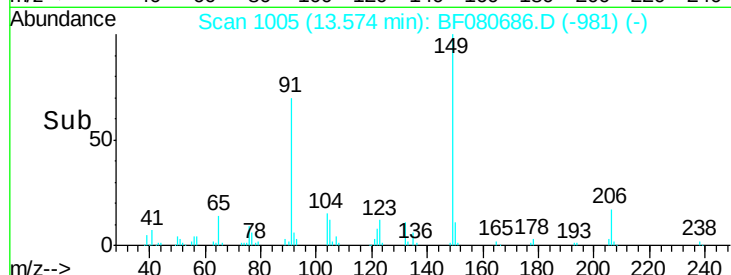
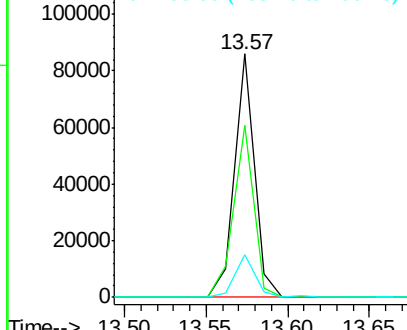
Tot Ion:	149	Resp:	71918
Ion Ratio	Lower	Upper	
149	100		
91	70.4	62.6	93.8
206	17.3	13.3	19.9

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 42.86 ng

RT: 14.19 min Scan# 1059

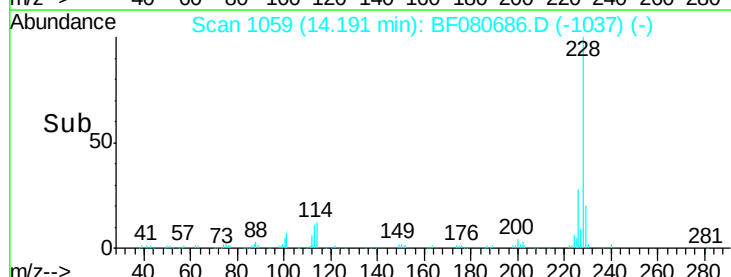
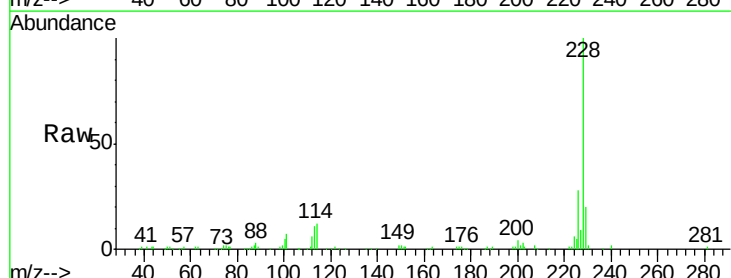
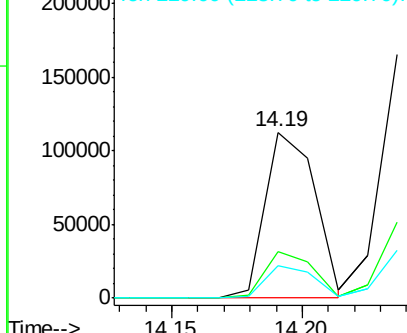
Delta R.T. -0.05 min

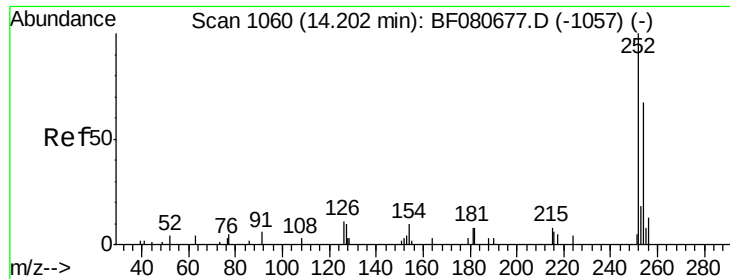
Lab File: BF080686.D

Acq: 27 Jul 2015 23:05

Tgt Ion:	228	Resp:	149838
Ion Ratio	Lower	Upper	
228	100		
226	28.1	21.8	32.6
229	19.8	14.9	22.3

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





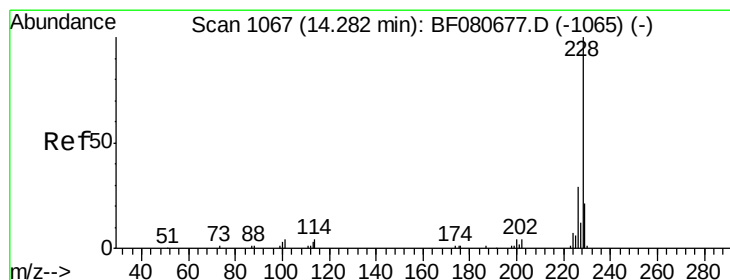
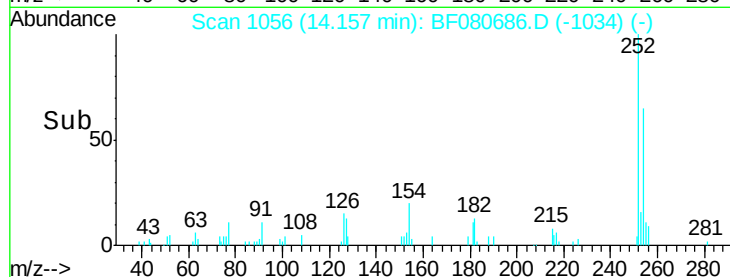
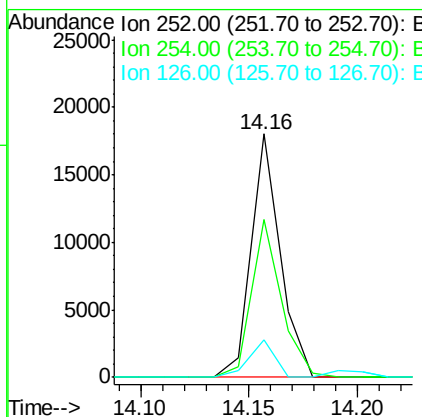
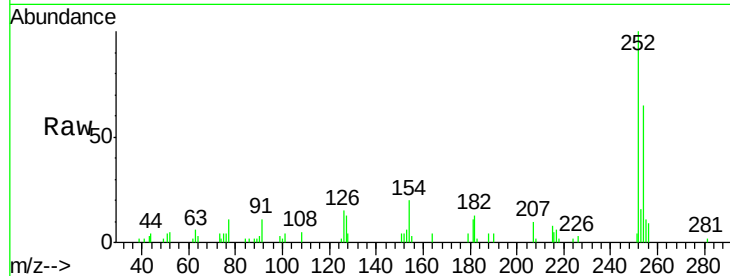
#81
 3,3'-Dichlorobenzidine
 Concen: 18.30 ng
 RT: 14.16 min Scan# 1056
 Delta R.T. -0.05 min
 Lab File: BF080686.D
 Acq: 27 Jul 2015 23:05

Instrument :
 BNA_F
 ClientSampleId :
 PB84679BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.0	53.8	80.8
126	15.2	9.0	13.4

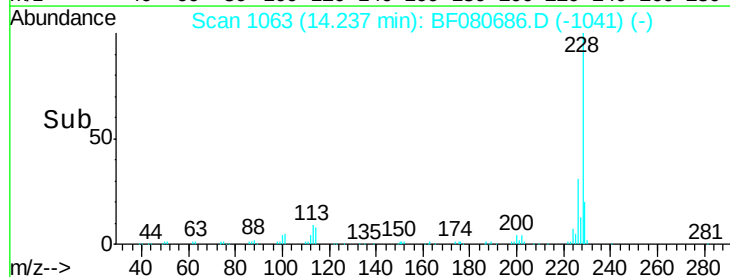
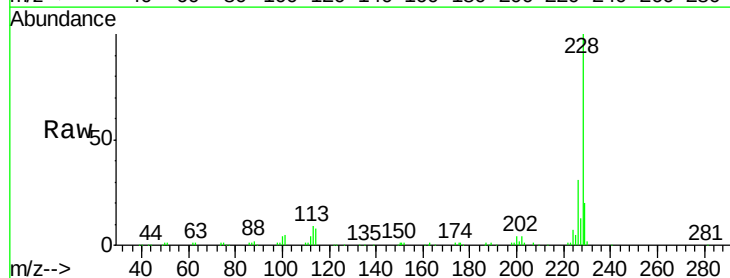
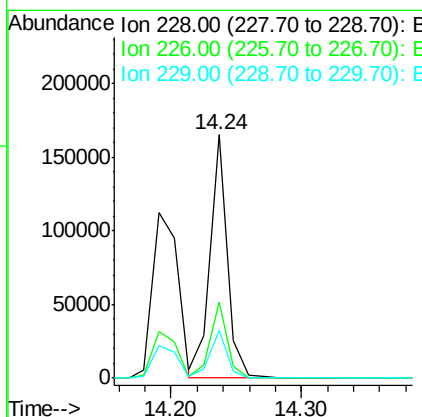
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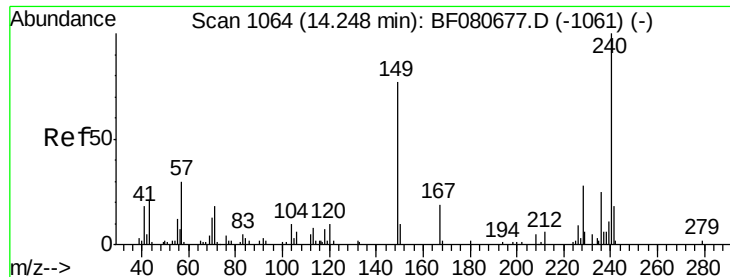
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#82
 Chrysene
 Concen: 43.90 ng
 RT: 14.24 min Scan# 1063
 Delta R.T. -0.05 min
 Lab File: BF080686.D
 Acq: 27 Jul 2015 23:05

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.9	23.0	34.4
229	19.6	17.1	25.7





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.43 ng

RT: 14.21 min Scan# 1061

Delta R.T. -0.03 min

Lab File: BF080686.D

Acq: 27 Jul 2015 23:05

Instrument :

BNA_F

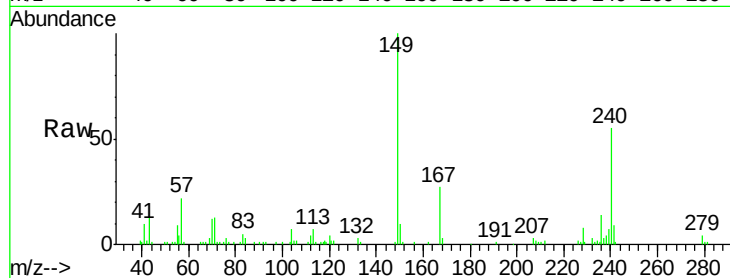
ClientSampleId :

PB84679BSD

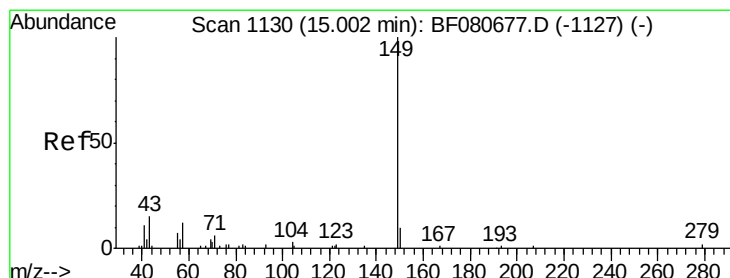
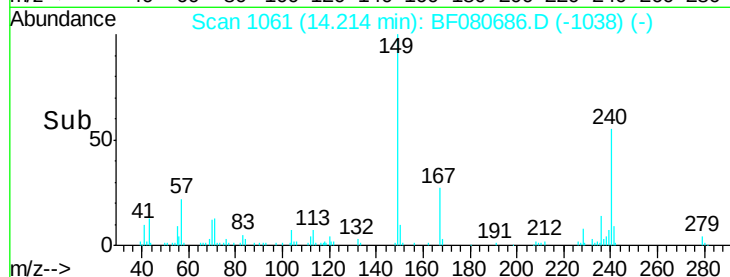
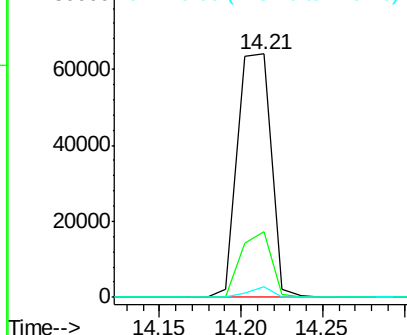
Tot Ion:	149	Resp:	90710
Ion Ratio	Lower	Upper	
149	100		
167	27.0	20.0	30.0
279	4.4	2.1	3.1

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 53.89 ng

RT: 14.93 min Scan# 1124

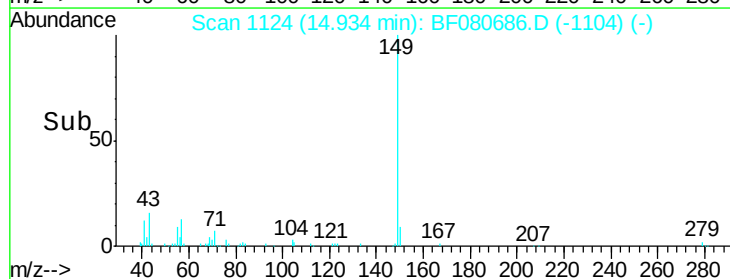
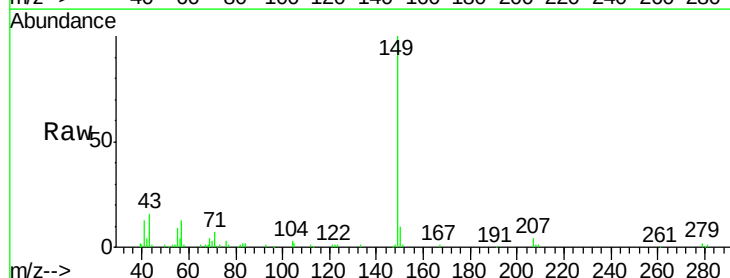
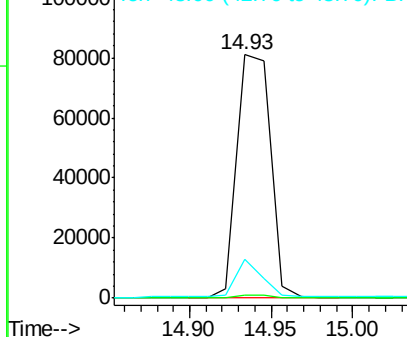
Delta R.T. -0.07 min

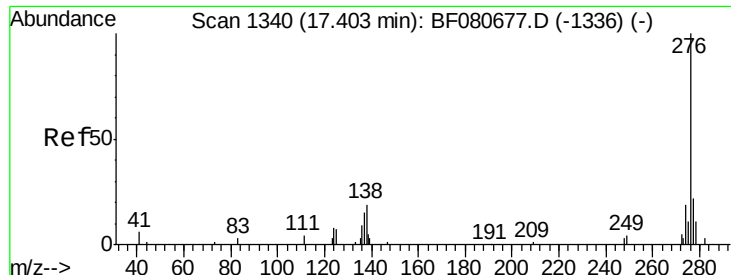
Lab File: BF080686.D

Acq: 27 Jul 2015 23:05

Tgt Ion:	149	Resp:	115126
Ion Ratio	Lower	Upper	
149	100		
167	1.3	0.6	1.0
43	14.8	11.6	17.4

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





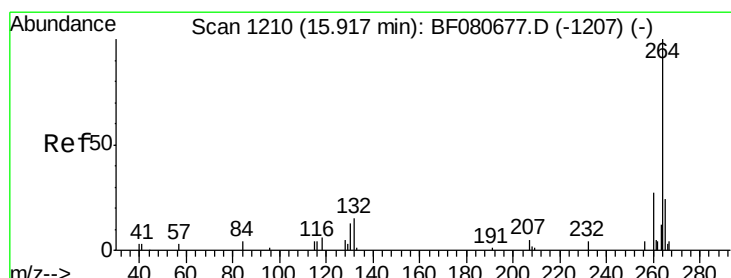
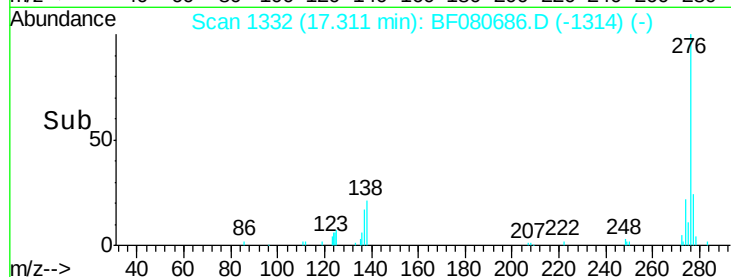
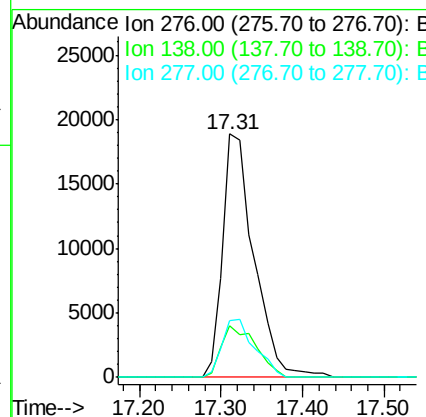
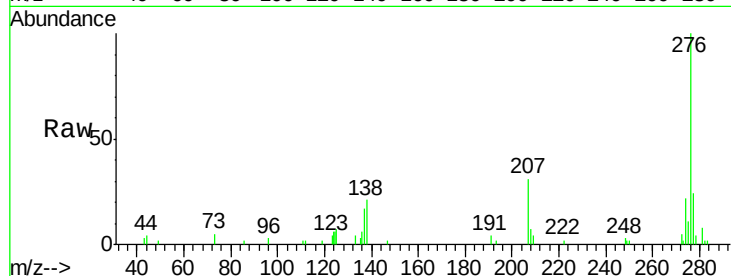
#85
Indeno(1,2,3-cd)pyrene
Concen: 35.04 ng
RT: 17.31 min Scan# 1332
Delta R.T. -0.09 min
Lab File: BF080686.D
Acq: 27 Jul 2015 23:05

Instrument :
BNA_F
ClientSampleId :
PB84679BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.5	19.7	29.5
277	24.8	18.2	27.4

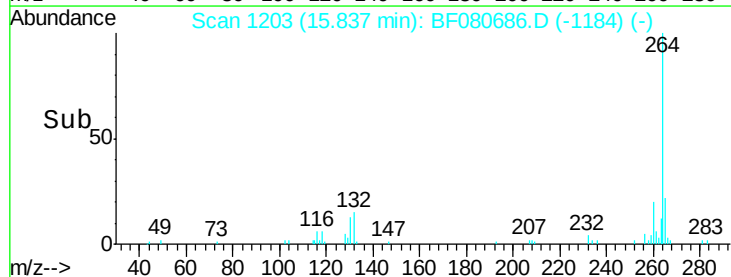
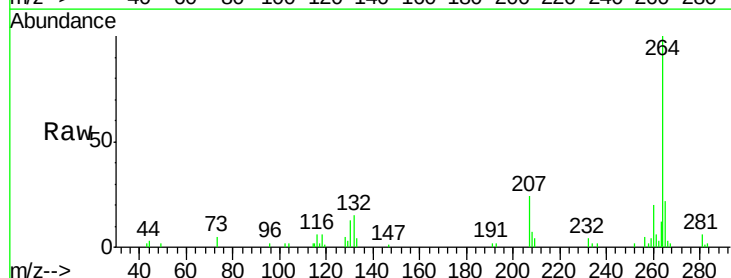
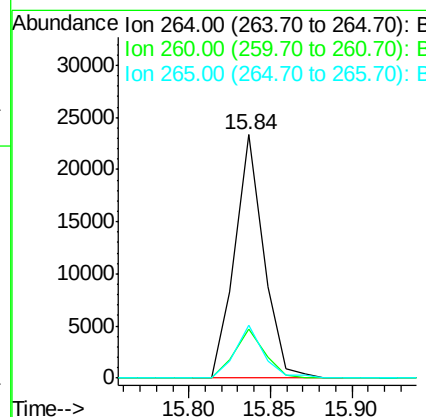
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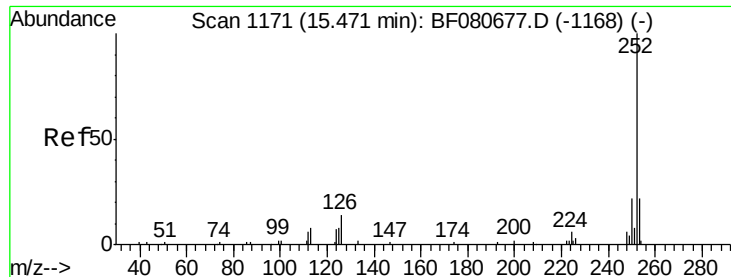
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.84 min Scan# 1203
Delta R.T. -0.08 min
Lab File: BF080686.D
Acq: 27 Jul 2015 23:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	20.3	21.6	32.4#
265	21.8	19.3	28.9





#87

Benzo(b)fluoranthene

Concen: 46.71 ng

RT: 15.40 min Scan# 1165

Delta R.T. -0.07 min

Lab File: BF080686.D

Acq: 27 Jul 2015 23:05

Instrument :

BNA_F

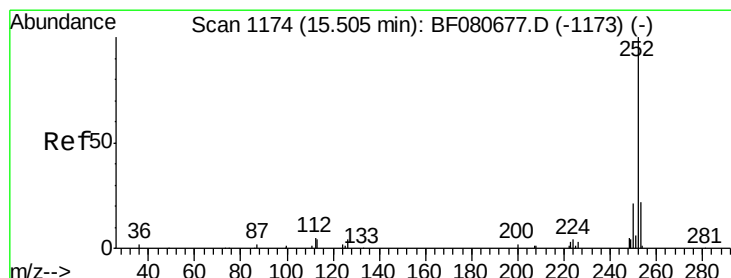
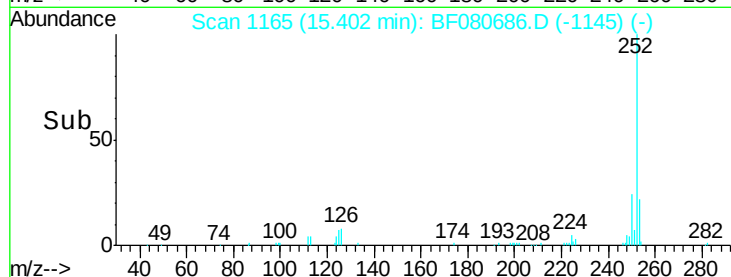
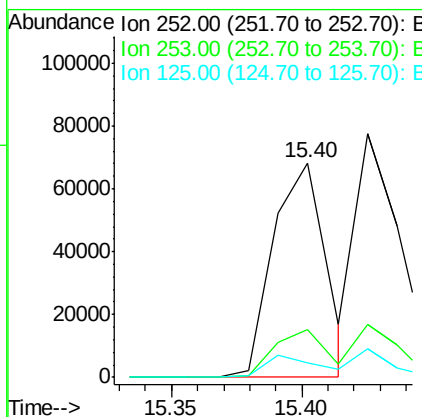
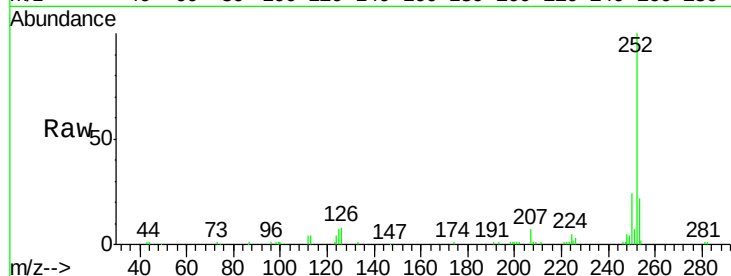
ClientSampleId :

PB84679BSD

Tot Ion:	252	Resp:	95634
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.8	26.8
125	6.8	6.7	10.1

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#88

Benzo(k)fluoranthene

Concen: 47.69 ng m

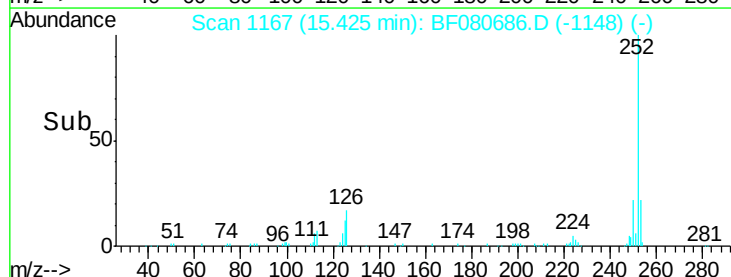
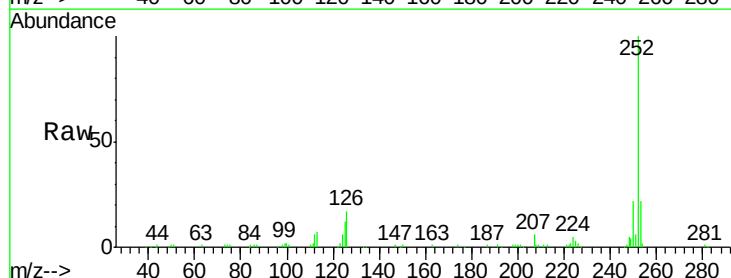
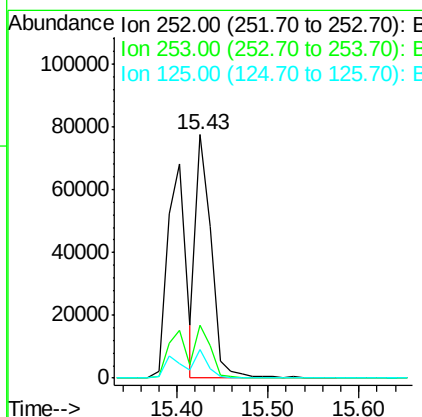
RT: 15.43 min Scan# 1167

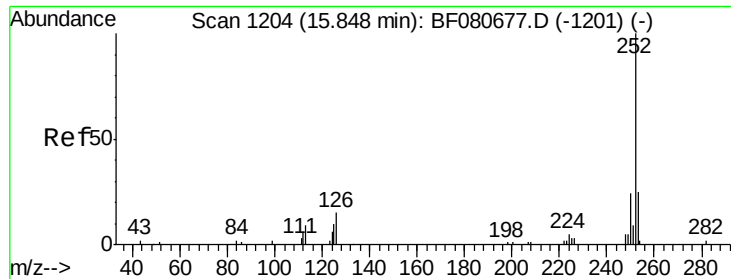
Delta R.T. -0.08 min

Lab File: BF080686.D

Acq: 27 Jul 2015 23:05

Tgt Ion:	252	Resp:	94092
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.8	26.6
125	11.6	6.7	10.1#





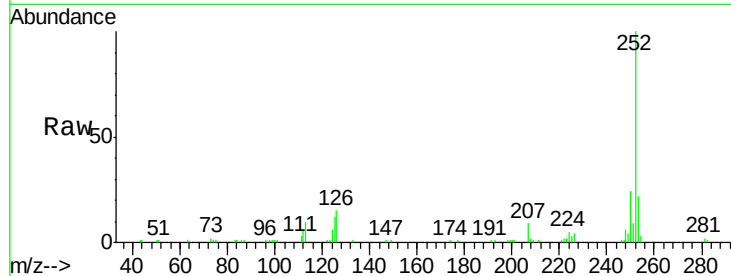
#89
Benzo(a)pyrene
Concen: 48.32 ng
RT: 15.77 min Scan# 1197
Delta R.T. -0.08 min
Lab File: BF080686.D
Acq: 27 Jul 2015 23:05

Instrument :
BNA_F
ClientSampleId :
PB84679BSD

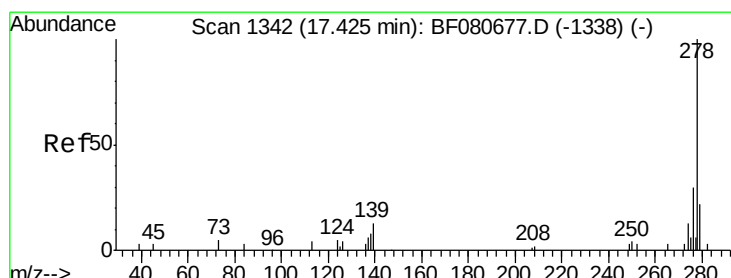
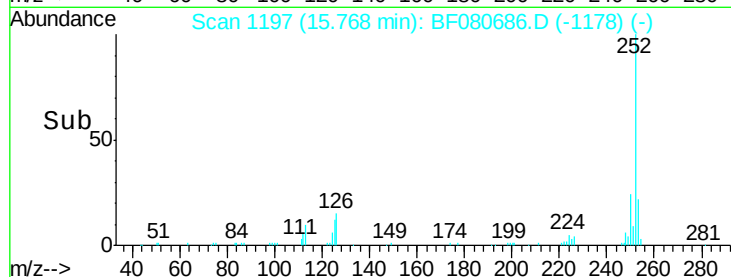
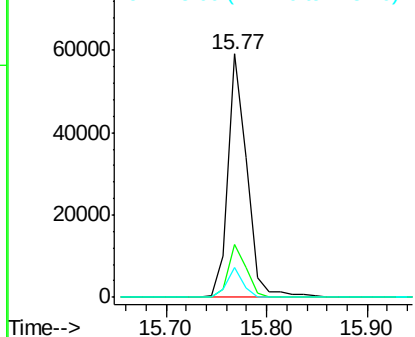
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	20.2	30.2
125	12.2	8.4	12.6

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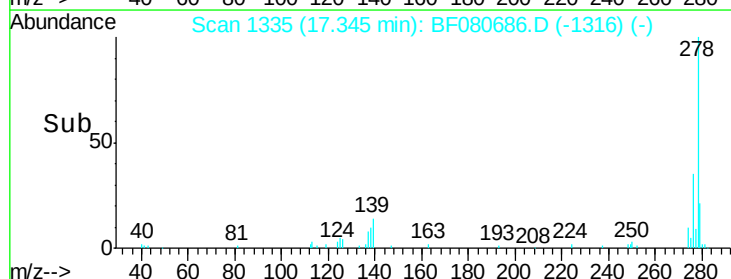
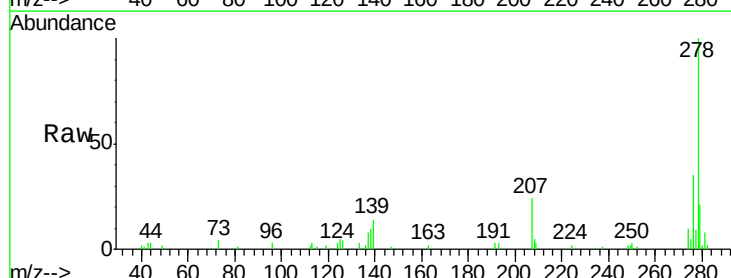
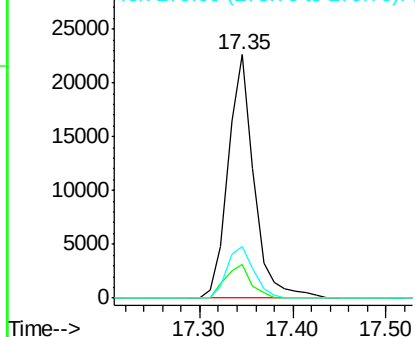
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

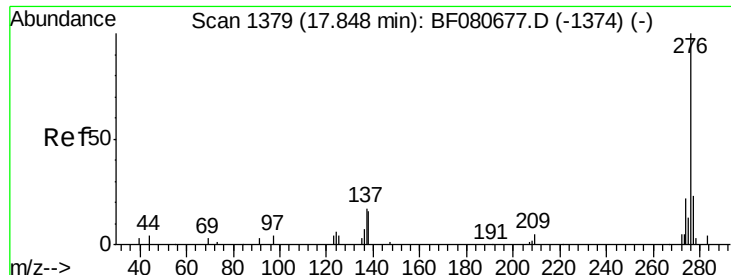


#90
Dibenzo(a,h)anthracene
Concen: 41.13 ng
RT: 17.35 min Scan# 1335
Delta R.T. -0.08 min
Lab File: BF080686.D
Acq: 27 Jul 2015 23:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.1	10.3	15.5
279	21.1	17.4	26.0

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 39.80 ng
 RT: 17.76 min Scan# 1371
 Delta R.T. -0.09 min
 Lab File: BF080686.D
 Acq: 27 Jul 2015 23:05

Instrument :
 BNA_F
 ClientSampleId :
 PB84679BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.3	18.7	28.1
138	22.8	12.7	19.1

Manual Integrations
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