

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070115\
 Data File : BF080285.D
 Acq On : 1 Jul 2015 22:36
 Operator : TP/UM
 Sample : PB84302BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84302BS

Manual Integrations
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 7/2/2015 2:39:48 PM

Quant Time: Jul 02 04:38:17 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 03:50:52 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	52942	20.00	ng	0.00
21) Naphthalene-d8	8.56	136	203760	20.00	ng	0.00
38) Acenaphthene-d10	10.32	164	107689	20.00	ng	0.00
63) Phenanthrene-d10	11.83	188	226621	20.00	ng	0.00
75) Chrysene-d12	14.76	240	216085	20.00	ng	0.01
86) Perylene-d12	16.61	264	202384	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.88	112	192544	62.98	ng	0.00
7) Phenol-d6	6.87	99	242211	59.02	ng	0.00
23) Nitrobenzene-d5	7.82	82	209729	56.67	ng	0.00
41) 2,4,6-Tribromophenol	11.12	330	63283	61.72	ng	0.00
44) 2-Fluorobiphenyl	9.64	172	452785	60.52	ng	0.00
78) Terphenyl-d14	13.50	244	477133	51.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.12	88	32741m	89.24	ng	
3) Pyridine	3.94	79	98901	26.14	ng	99
4) n-Nitrosodimethylamine	3.85	42	44996	26.70	ng	94
6) Aniline	6.92	93	112854	20.56	ng	99
8) 2-Chlorophenol	7.05	128	98733	29.40	ng	99
9) Benzaldehyde	6.81	77	56362	25.13	ng	99
10) Phenol	6.88	94	130207	28.69	ng	98
11) bis(2-Chloroethyl)ether	6.98	93	103790	30.23	ng	100
12) 1,3-Dichlorobenzene	7.21	146	112008	27.32	ng	99
13) 1,4-Dichlorobenzene	7.28	146	114840	28.14	ng	98
14) 1,2-Dichlorobenzene	7.44	146	114767	28.30	ng	99
15) Benzyl Alcohol	7.40	79	91826	29.06	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.53	45	152672	28.98	ng	100
17) 2-Methylphenol	7.50	107	84631	29.15	ng	98
18) Hexachloroethane	7.78	117	36442	28.60	ng	98
19) n-Nitroso-di-n-propylamine	7.66	70	74606	27.34	ng	98
20) 3+4-Methylphenols	7.65	107	110980	28.78	ng	99
22) Acetophenone	7.67	105	142188	29.87	ng	100
24) Nitrobenzene	7.84	77	111955	29.18	ng	99
25) Isophorone	8.08	82	204717	28.46	ng	99
26) 2-Nitrophenol	8.16	139	50772	30.30	ng	99
27) 2,4-Dimethylphenol	8.18	122	91036	29.59	ng	99
28) bis(2-Chloroethoxy)methane	8.29	93	125516	29.08	ng	99
29) 2,4-Dichlorophenol	8.40	162	89767	31.59	ng	98
30) 1,2,4-Trichlorobenzene	8.49	180	89036	26.86	ng	99
31) Naphthalene	8.58	128	283012m	27.27	ng	
32) Benzoic acid	8.24	122	20915	29.71	ng	94
33) 4-Chloroaniline	8.62	127	57605m	13.08	ng	
34) Hexachlorobutadiene	8.70	225	57458	27.52	ng	98
35) Caprolactam	8.95	113	24604	28.54	ng	99
36) 4-Chloro-3-methylphenol	9.09	107	95231	30.96	ng	97
37) 2-Methylnaphthalene	9.27	142	203909	28.69	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.44	216	97865	27.31	ng	99
40) Hexachlorocyclopentadiene	9.43	237	80771	59.36	ng	99

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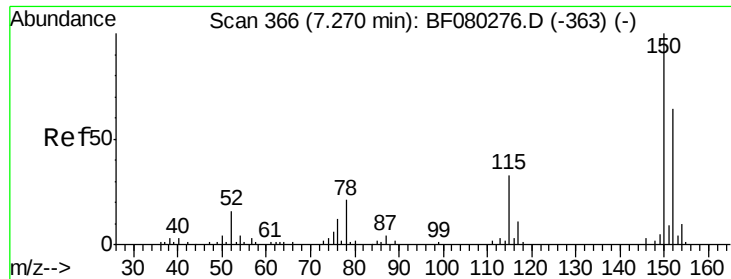
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.54	196	60826	26.81	ng	97
43) 2,4,5-Trichlorophenol	9.59	196	65325	26.73	ng	98
45) 1,1'-Biphenyl	9.74	154	255237	27.87	ng	100
46) 2-Chloronaphthalene	9.76	162	185903	26.23	ng	98
47) 2-Nitroaniline	9.85	65	57958	28.43	ng	97
48) Acenaphthylene	10.18	152	322708	26.22	ng	99
49) Dimethylphthalate	10.02	163	245733	29.87	ng	100
50) 2,6-Dinitrotoluene	10.09	165	49282	29.30	ng	92
51) Acenaphthene	10.36	154	199000	28.08	ng	99
52) 3-Nitroaniline	10.26	138	34874	18.08	ng	99
53) 2,4-Dinitrophenol	10.37	184	35531	61.67	ng	# 1
54) Dibenzofuran	10.53	168	279215	27.91	ng	99
55) 4-Nitrophenol	10.41	139	78415	54.99	ng	# 61
56) 2,4-Dinitrotoluene	10.49	165	62091	28.47	ng	90
57) Fluorene	10.88	166	227698	27.44	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.65	232	53882	28.29	ng	97
59) Diethylphthalate	10.73	149	218866	27.99	ng	# 91
60) 4-Chlorophenyl-phenylether	10.86	204	102907	27.43	ng	96
61) 4-Nitroaniline	10.87	138	48297	24.63	ng	96
62) Azobenzene	11.02	77	214071	26.62	ng	97
64) 4,6-Dinitro-2-methylphenol	10.92	198	24595	32.36	ng	# 40
65) n-Nitrosodiphenylamine	10.97	169	187043	25.12	ng	100
66) 4-Bromophenyl-phenylether	11.36	248	66704	27.23	ng	96
67) Hexachlorobenzene	11.44	284	68559	26.12	ng	95
68) Atrazine	11.50	200	62857	27.92	ng	99
69) Pentachlorophenol	11.62	266	68235	50.56	ng	99
70) Phenanthrene	11.85	178	353317	26.02	ng	99
71) Anthracene	11.91	178	352056	27.02	ng	98
72) Carbazole	12.06	167	318082	26.11	ng	99
73) Di-n-butylphthalate	12.39	149	328721	25.15	ng	# 98
74) Fluoranthene	13.10	202	345795	24.65	ng	95
76) Benzidine	13.22	184	195680	30.92	ng	99
77) Pyrene	13.36	202	374859	27.10	ng	100
79) Butylbenzylphthalate	14.04	149	143162	26.99	ng	# 75
80) Benzo(a)anthracene	14.75	228	344319	26.37	ng	100
81) 3,3'-Dichlorobenzidine	14.69	252	60359	14.16	ng	99
82) Chrysene	14.79	228	319011	26.50	ng	99
83) Bis(2-ethylhexyl)phthalate	14.72	149	204171	27.35	ng	98
84) Di-n-octyl phthalate	15.52	149	340514	27.07	ng	98
85) Indeno(1,2,3-cd)pyrene	18.40	276	320116	23.65	ng	99
87) Benzo(b)fluoranthene	16.08	252	310448	24.29	ng	# 97
88) Benzo(k)fluoranthene	16.12	252	321451	26.70	ng	# 98
89) Benzo(a)pyrene	16.53	252	307808	26.42	ng	98
90) Dibenzo(a,h)anthracene	18.43	278	262239	23.99	ng	98
91) Benzo(g,h,i)perylene	18.94	276	282048	24.73	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.27 min Scan# 366

Delta R.T. 0.00 min

Lab File: BF080285.D

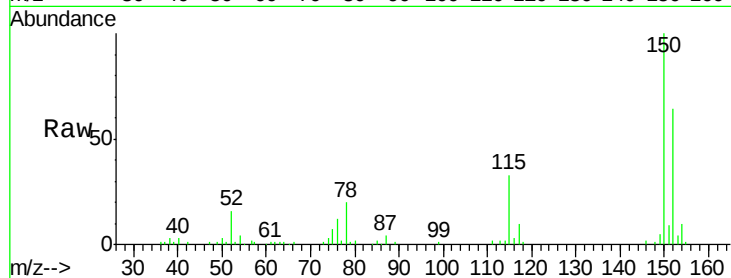
Acq: 1 Jul 2015 22:36

Instrument :

BNA_F

ClientSampleId :

PB84302BS



Tgt Ion: 152 Resp: 52942

Ion Ratio Lower Upper

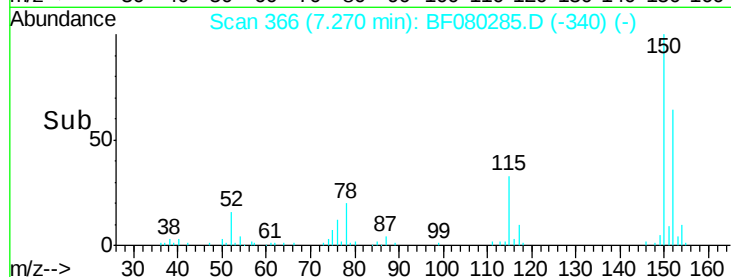
152 100

150 155.6 124.7 187.1

115 50.6 41.0 61.6

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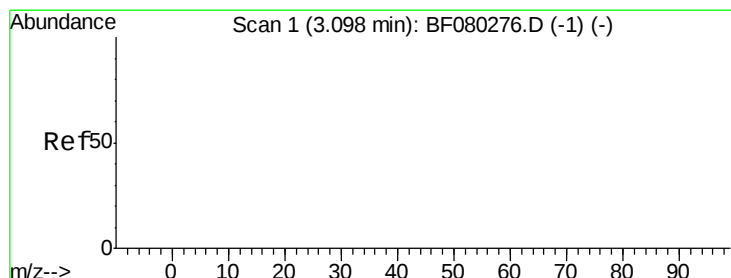
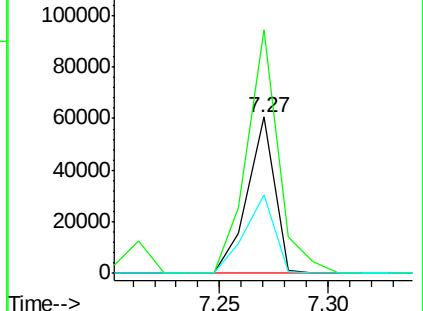
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 89.24 ng m

RT: 3.12 min Scan# 3

Delta R.T. 0.02 min

Lab File: BF080285.D

Acq: 1 Jul 2015 22:36

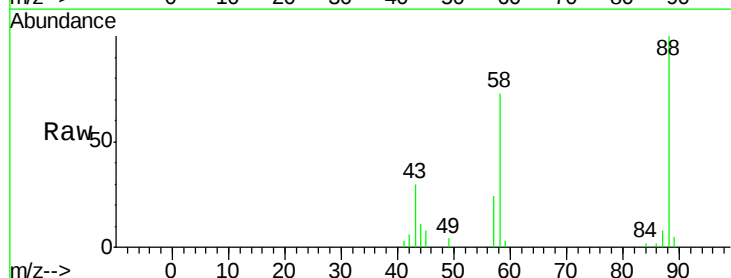
Tgt Ion: 88 Resp: 32741

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

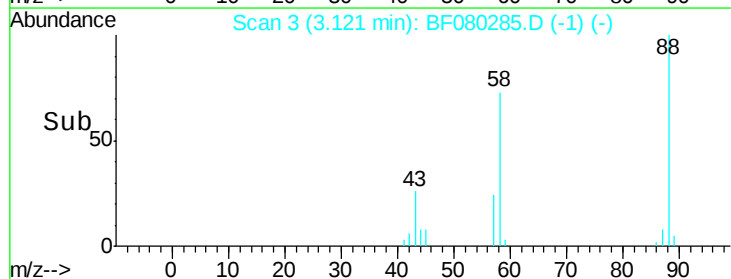
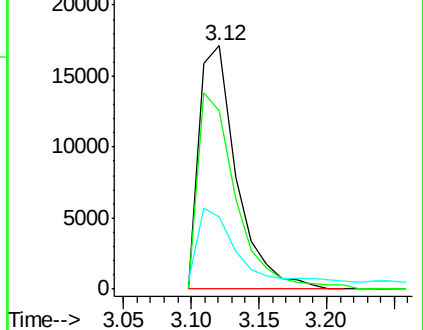
43 0.0 0.0 0.0

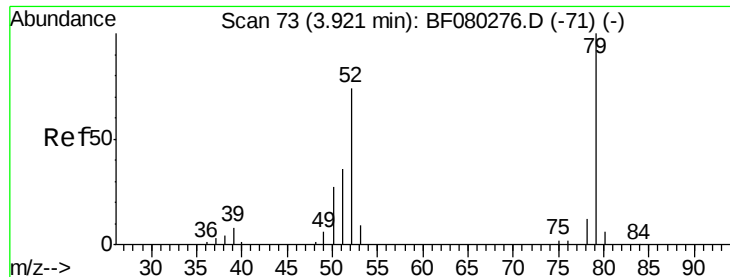


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 26.14 ng

RT: 3.94 min Scan# 75

Delta R.T. 0.02 min

Lab File: BF080285.D

Acq: 1 Jul 2015 22:36

Instrument :

BNA_F

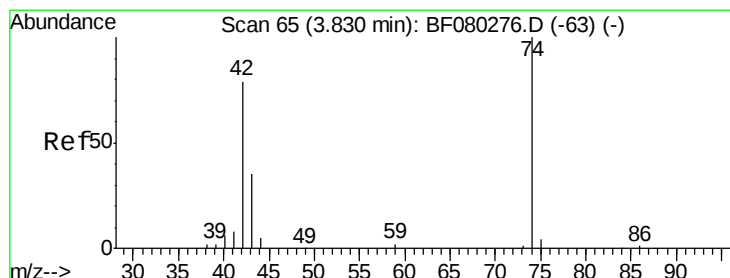
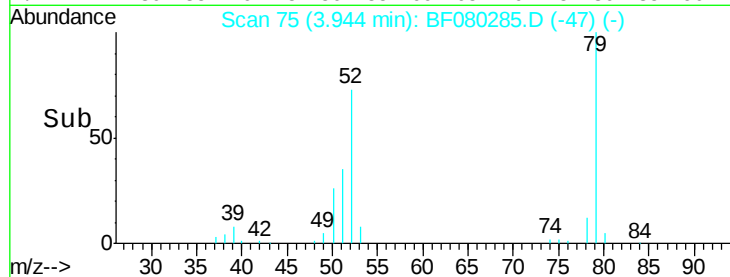
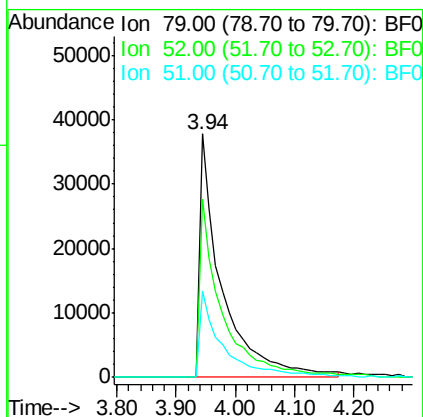
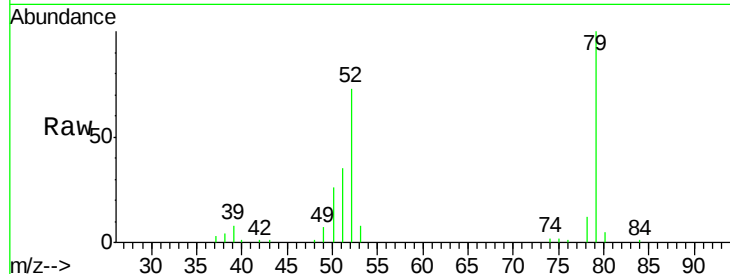
ClientSampleId :

PB84302BS

Tgt Ion:	79	Resp:	98901
Ion	Ratio	Lower	Upper
79	100		
52	73.2	59.3	88.9
51	35.5	29.0	43.6

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#4

n-Nitrosodimethylamine

Concen: 26.70 ng

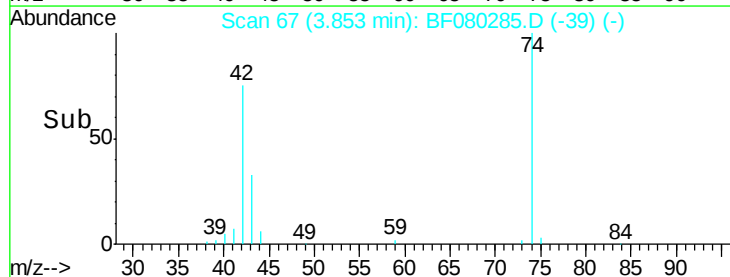
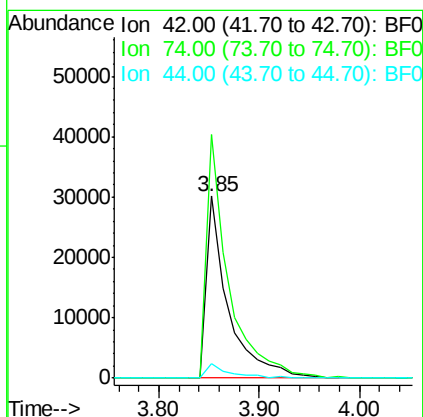
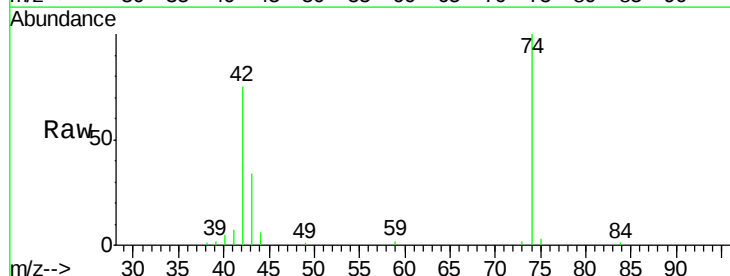
RT: 3.85 min Scan# 67

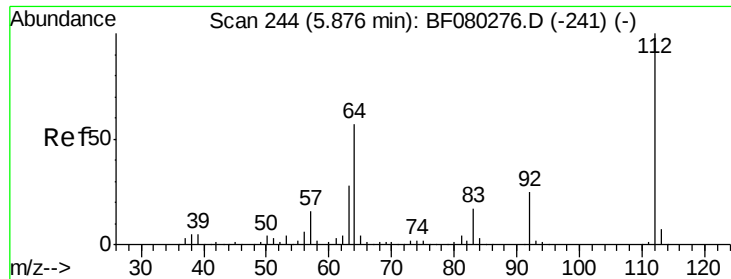
Delta R.T. 0.02 min

Lab File: BF080285.D

Acq: 1 Jul 2015 22:36

Tgt Ion:	42	Resp:	44996
Ion	Ratio	Lower	Upper
42	100		
74	134.0	101.4	152.2
44	7.9	6.3	9.5





#5

2-Fluorophenol

Concen: 62.98 ng

RT: 5.88 min Scan# 244

Delta R.T. -0.00 min

Lab File: BF080285.D

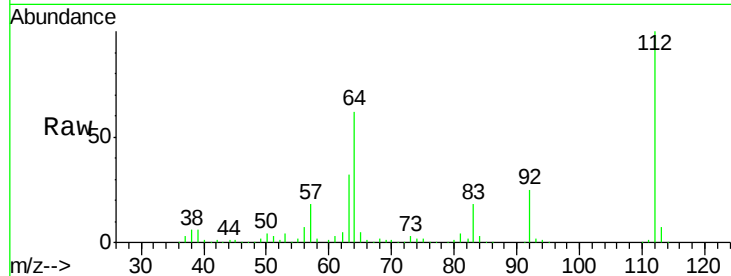
Acq: 1 Jul 2015 22:36

Instrument :

BNA_F

ClientSampleId :

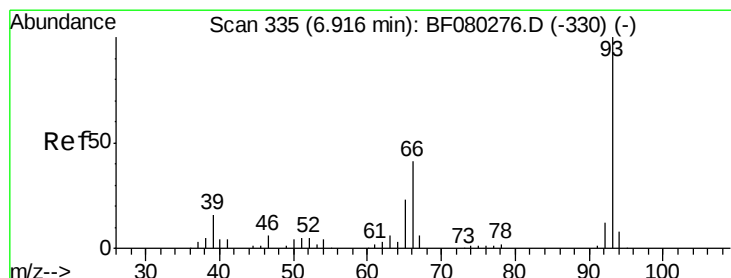
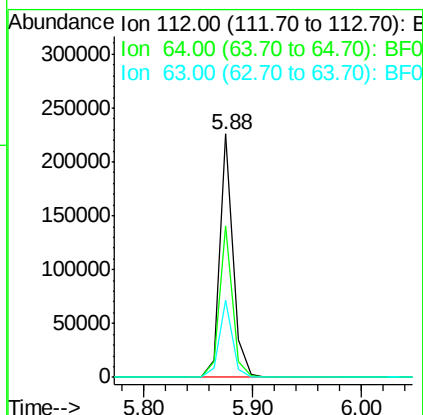
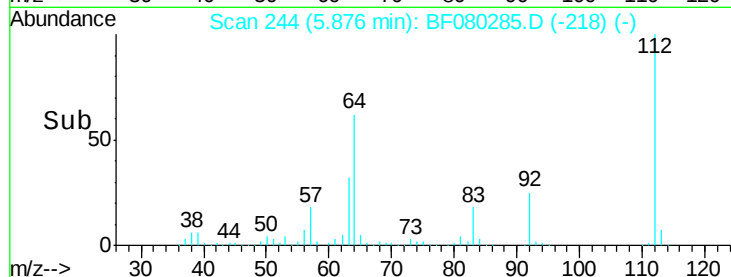
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Tgt Ion	Ratio	Resp	Lower	Upper
112	100	192544		
64	62.5	45.5	68.3	
63	31.5	22.4	33.6	

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#6

Aniline

Concen: 20.56 ng

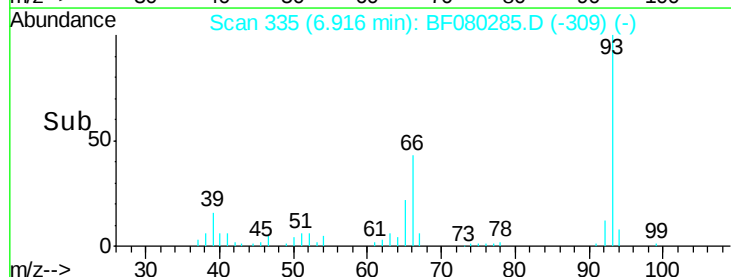
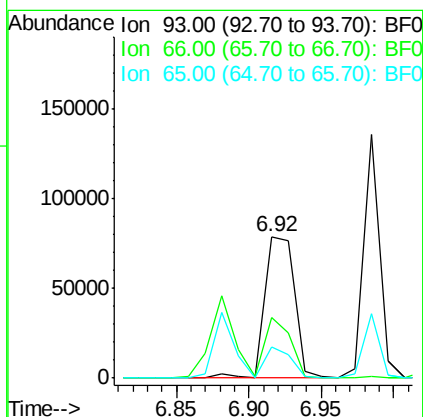
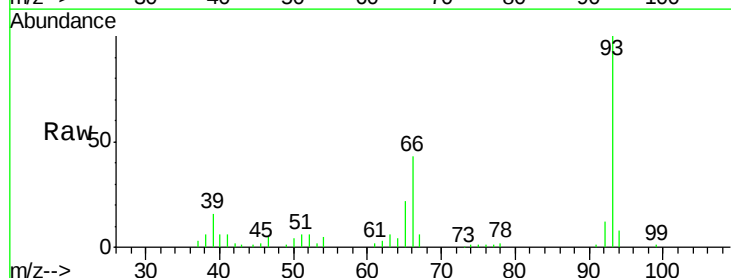
RT: 6.92 min Scan# 335

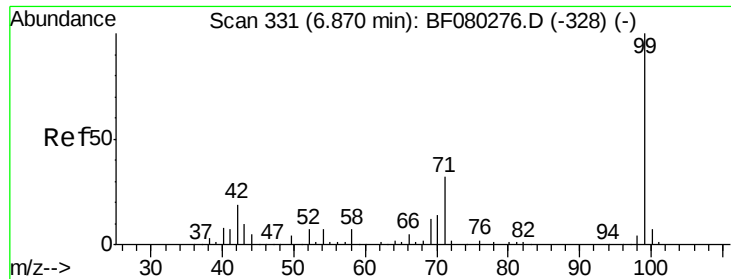
Delta R.T. 0.00 min

Lab File: BF080285.D

Acq: 1 Jul 2015 22:36

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	112854		
66	42.9	33.7	50.5	
65	22.2	18.3	27.5	





#7

Phenol-d6

Concen: 59.02 ng

RT: 6.87 min Scan# 331

Delta R.T. -0.00 min

Lab File: BF080285.D

Acq: 1 Jul 2015 22:36

Instrument :

BNA_F

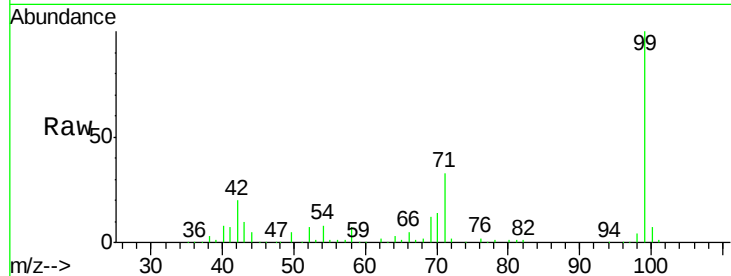
ClientSampleId :

PB84302BS

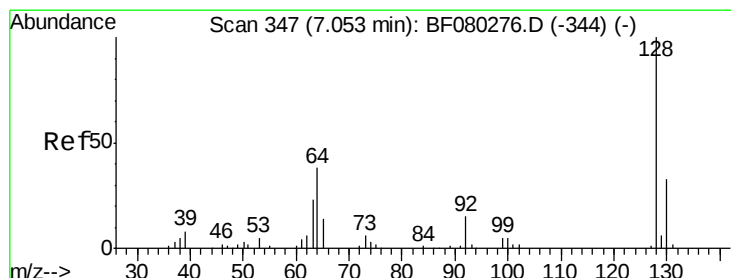
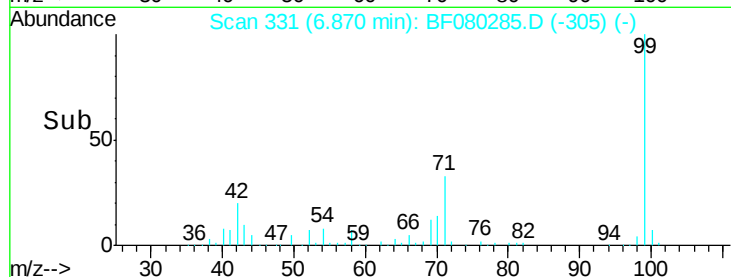
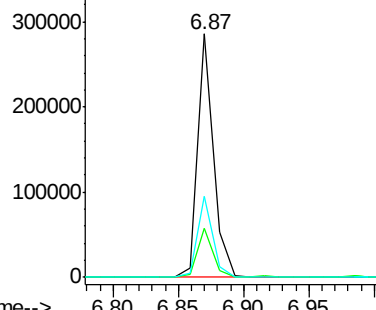
Tgt Ion:	99	Resp:	242211
Ion Ratio	Lower	Upper	
99	100		
42	20.0	15.4	23.2
71	33.1	25.8	38.8

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 29.40 ng

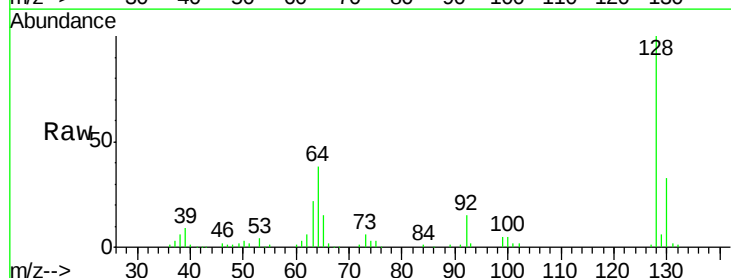
RT: 7.05 min Scan# 347

Delta R.T. 0.00 min

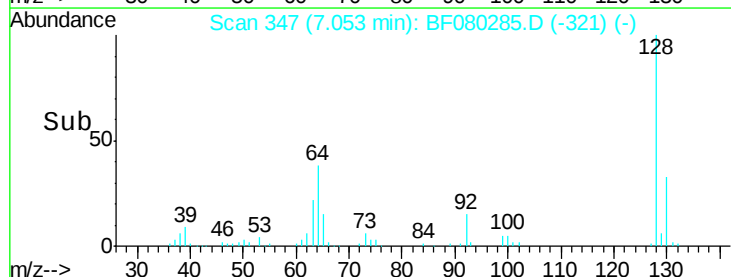
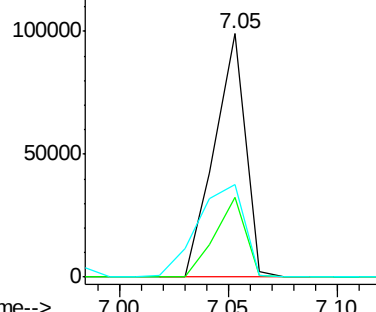
Lab File: BF080285.D

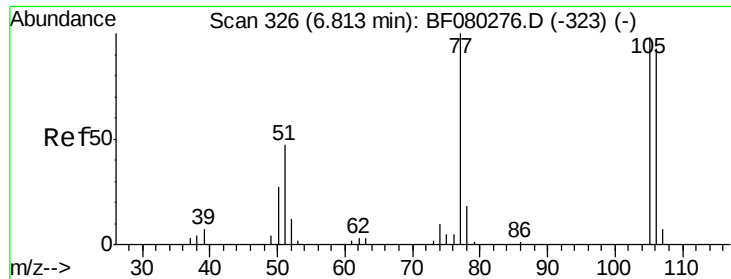
Acq: 1 Jul 2015 22:36

Tgt Ion:	128	Resp:	98733
Ion Ratio	Lower	Upper	
128	100		
130	33.0	13.4	53.4
64	37.8	18.5	58.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 25.13 ng

RT: 6.81 min Scan# 326

Delta R.T. 0.00 min

Lab File: BF080285.D

Acq: 1 Jul 2015 22:36

Instrument :

BNA_F

ClientSampleId :

PB84302BS

Tgt Ion: 77 Resp: 56362

Ion Ratio Lower Upper

77 100

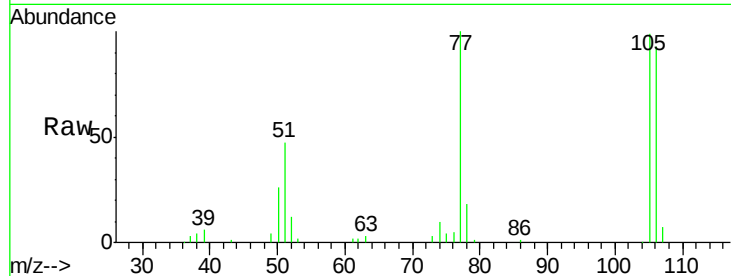
105 99.2 78.2 118.2

106 93.4 72.5 112.5

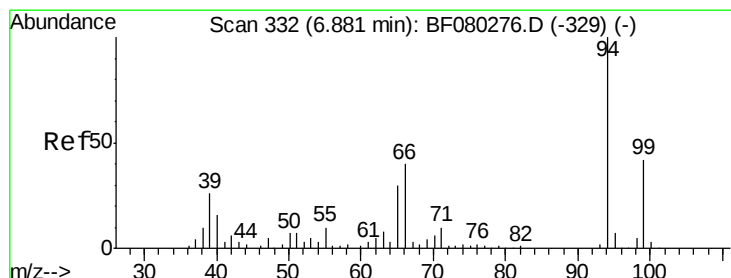
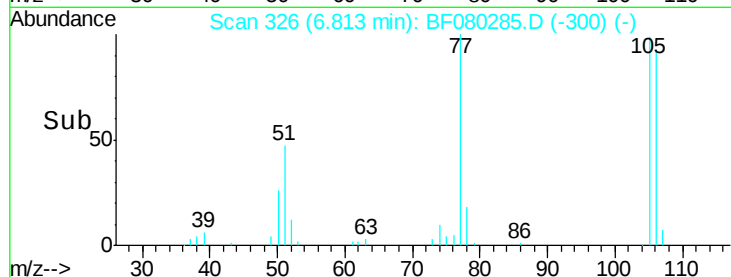
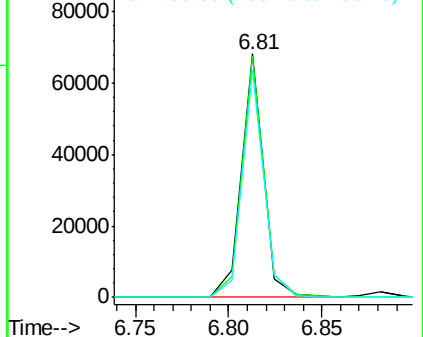
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Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): B
Ion 106.00 (105.70 to 106.70): B



#10

Phenol

Concen: 28.69 ng

RT: 6.88 min Scan# 332

Delta R.T. 0.00 min

Lab File: BF080285.D

Acq: 1 Jul 2015 22:36

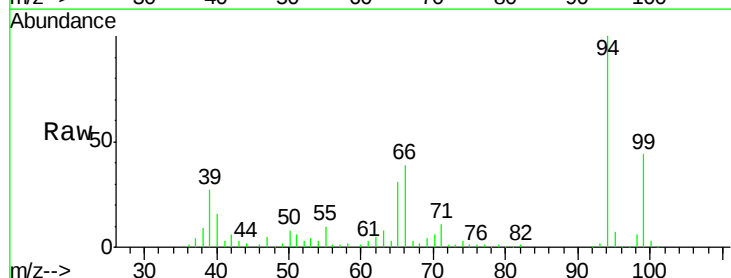
Tgt Ion: 94 Resp: 130207

Ion Ratio Lower Upper

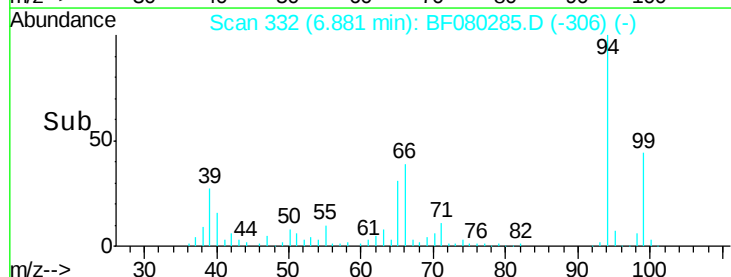
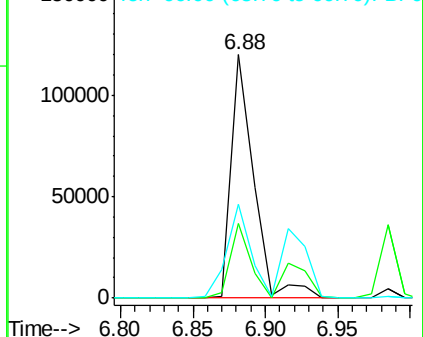
94 100

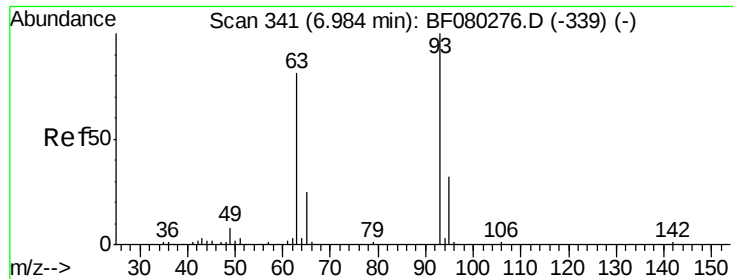
65 30.6 9.6 49.6

66 38.5 19.7 59.7



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





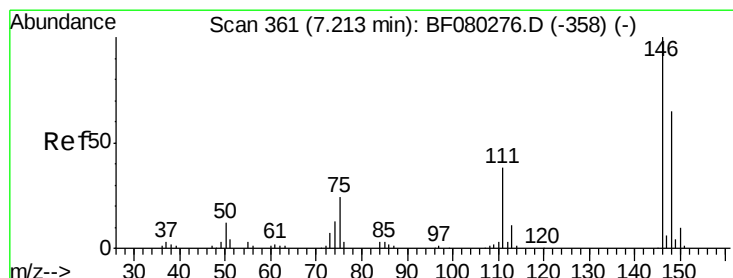
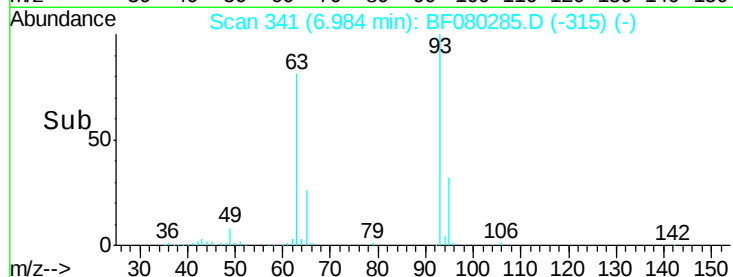
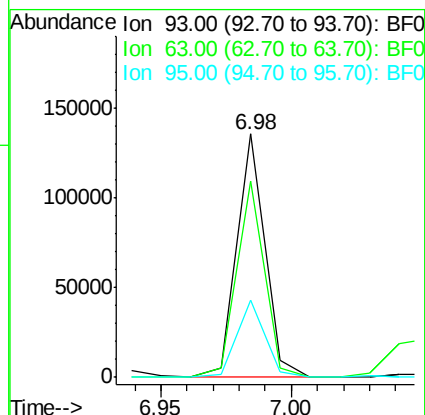
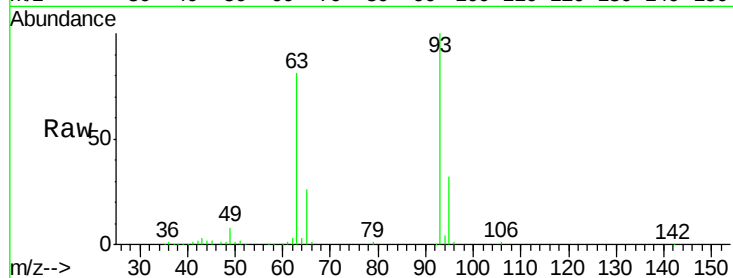
#11
bis(2-Chloroethyl)ether
Concen: 30.23 ng
RT: 6.98 min Scan# 341
Delta R.T. 0.00 min
Lab File: BF080285.D
Acq: 1 Jul 2015 22:36

Instrument :
BNA_F
ClientSampleId :
PB84302BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	103790		
63	80.8	61.0	101.0	
95	31.9	12.0	52.0	

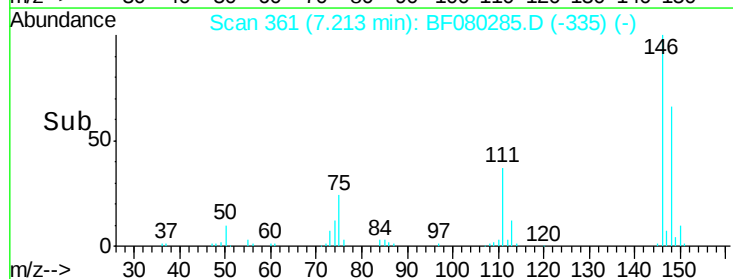
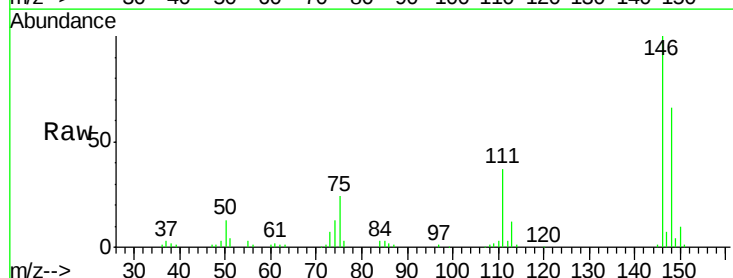
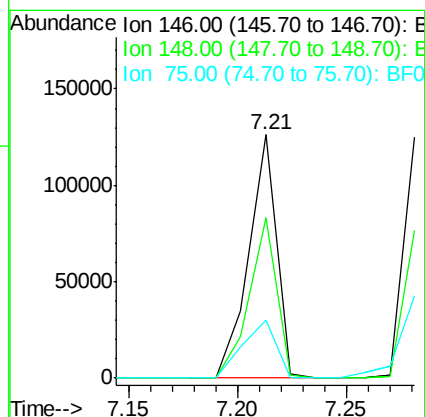
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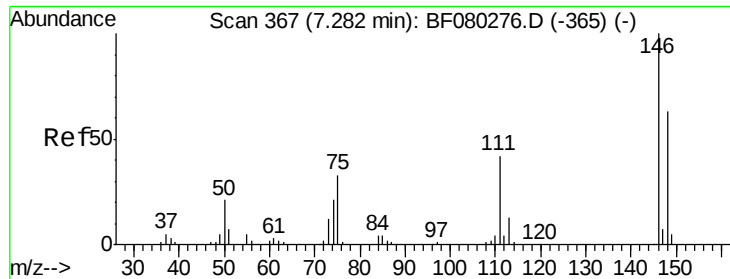
apatel
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#12
1,3-Dichlorobenzene
Concen: 27.32 ng
RT: 7.21 min Scan# 361
Delta R.T. 0.00 min
Lab File: BF080285.D
Acq: 1 Jul 2015 22:36

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	112008		
148	65.7	51.8	77.6	
75	24.1	19.4	29.2	





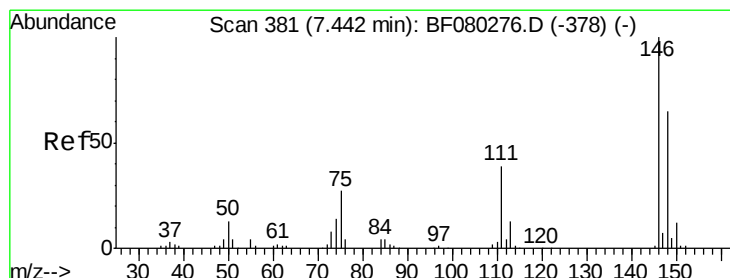
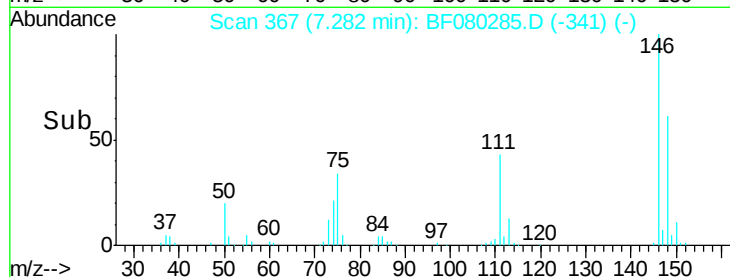
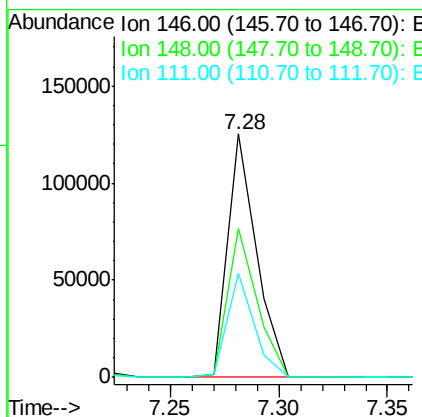
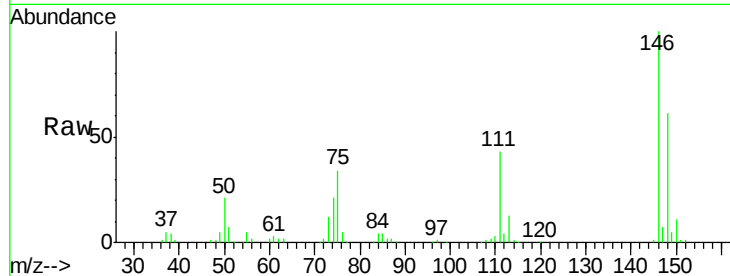
#13
 1,4-Dichlorobenzene
 Concen: 28.14 ng
 RT: 7.28 min Scan# 367
 Delta R.T. 0.00 min
 Lab File: BF080285.D
 Acq: 1 Jul 2015 22:36

Instrument :
 BNA_F
 ClientSampleId :
 PB84302BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.0	50.2	75.2
111	42.7	33.8	50.8

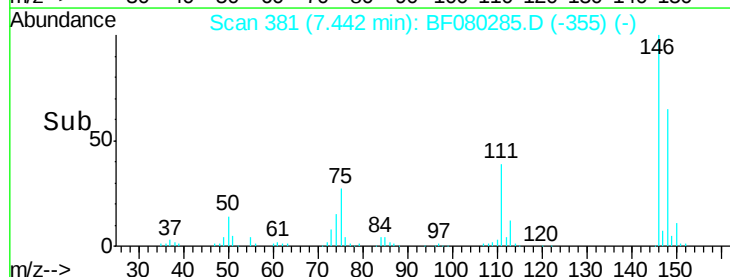
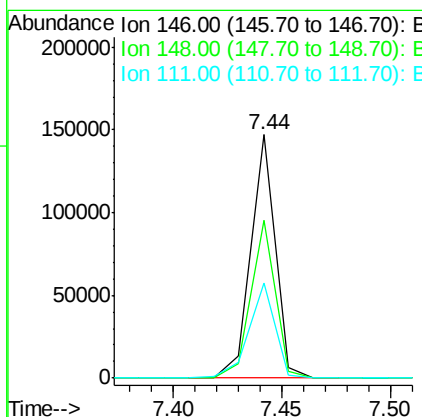
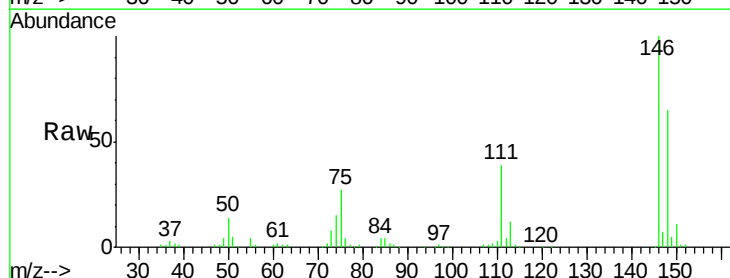
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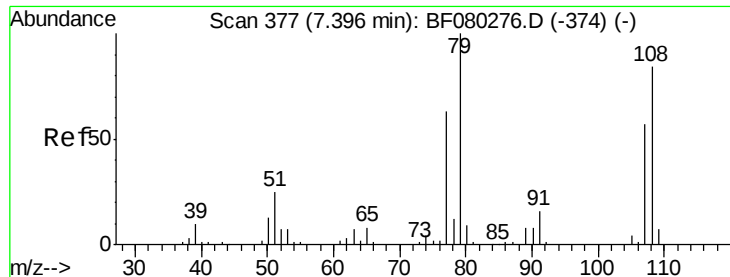
apatel
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#14
 1,2-Dichlorobenzene
 Concen: 28.30 ng
 RT: 7.44 min Scan# 381
 Delta R.T. 0.00 min
 Lab File: BF080285.D
 Acq: 1 Jul 2015 22:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.2	78.4
111	39.1	31.6	47.4





#15

Benzyl Alcohol

Concen: 29.06 ng

RT: 7.40 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF080285.D

Acq: 1 Jul 2015 22:36

Instrument :

BNA_F

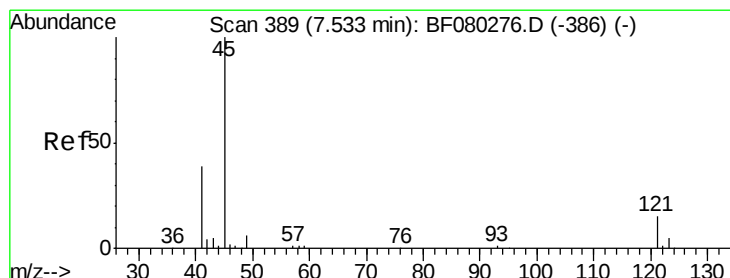
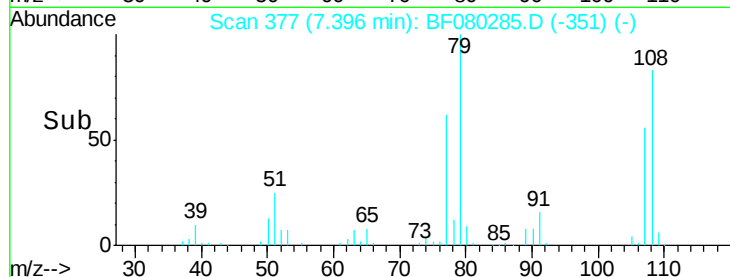
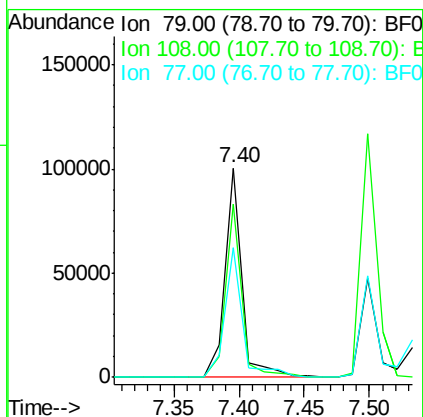
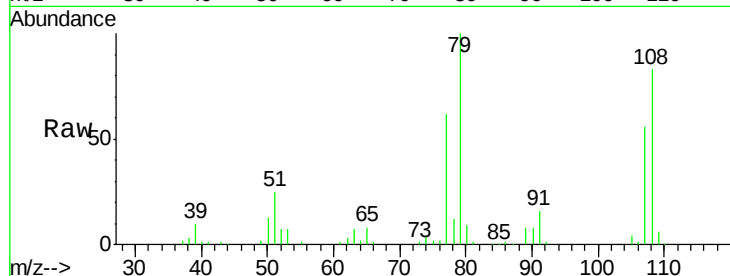
ClientSampleId :

PB84302BS

Tgt Ion:	79	Resp:	91826
Ion	Ratio	Lower	Upper
79	100		
108	82.8	67.1	100.7
77	61.9	50.7	76.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 28.98 ng

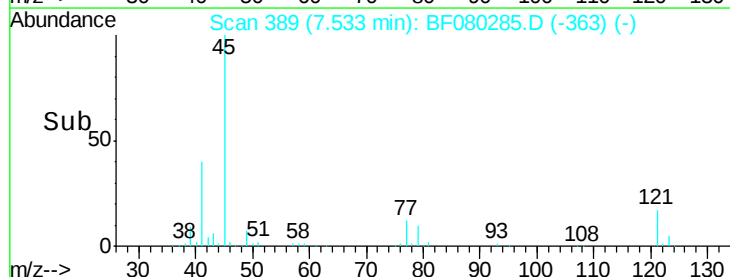
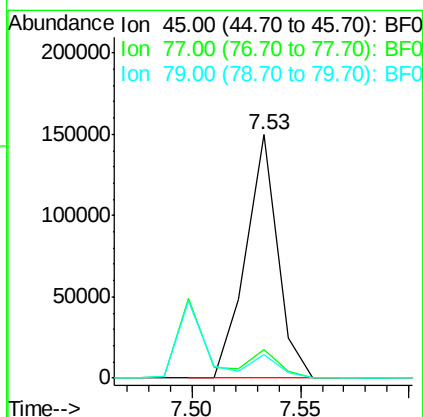
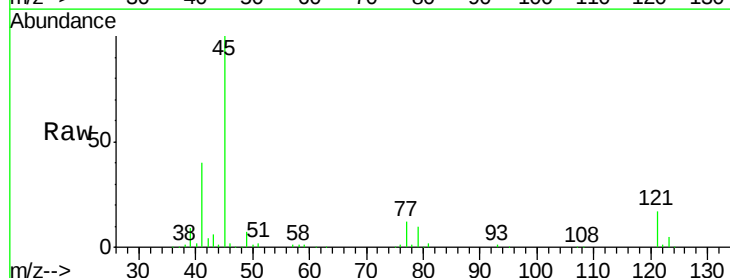
RT: 7.53 min Scan# 389

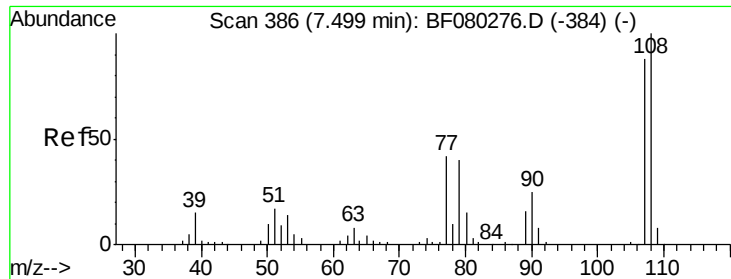
Delta R.T. 0.00 min

Lab File: BF080285.D

Acq: 1 Jul 2015 22:36

Tgt Ion:	45	Resp:	152672
Ion	Ratio	Lower	Upper
45	100		
77	12.0	0.0	32.0
79	9.6	0.0	29.3





#17

2-Methylphenol

Concen: 29.15 ng

RT: 7.50 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF080285.D

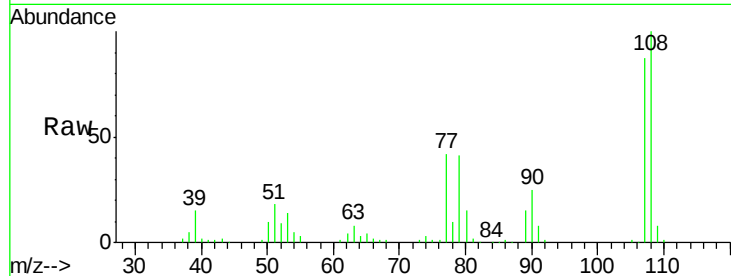
Acq: 1 Jul 2015 22:36

Instrument :

BNA_F

ClientSampleId :

PB84302BS



Tgt Ion:107 Resp: 84631

Ion Ratio Lower Upper

107 100

108 115.2 90.6 136.0

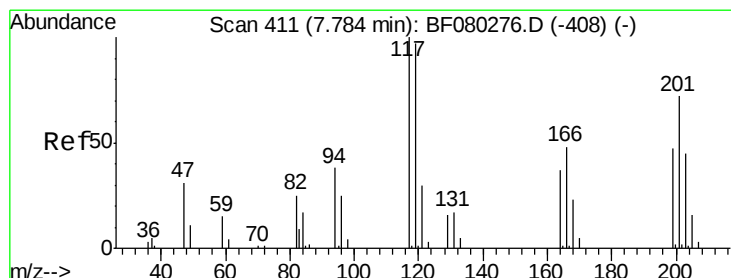
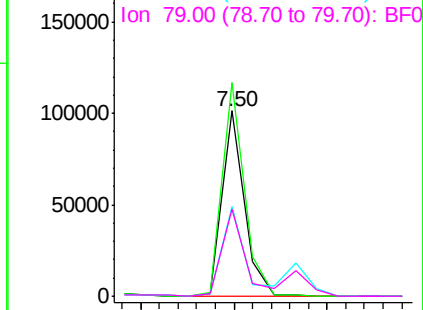
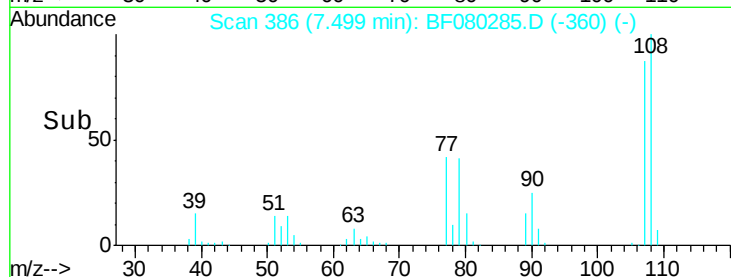
77 48.1 38.0 57.0

79 46.9 36.4 54.6

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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 28.60 ng

RT: 7.78 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF080285.D

Acq: 1 Jul 2015 22:36

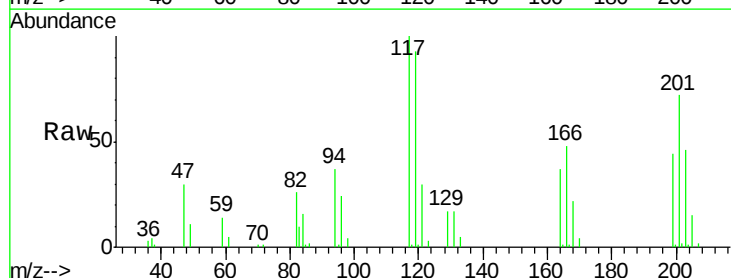
Tgt Ion:117 Resp: 36442

Ion Ratio Lower Upper

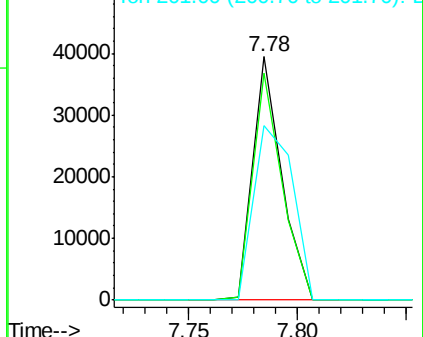
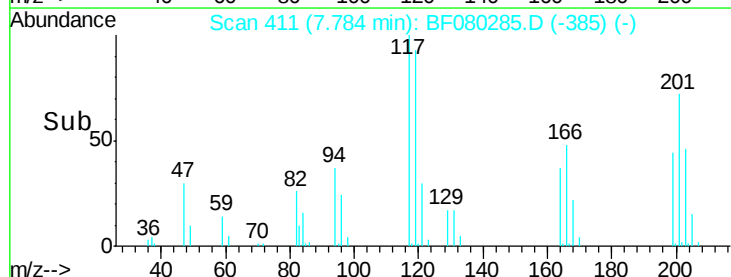
117 100

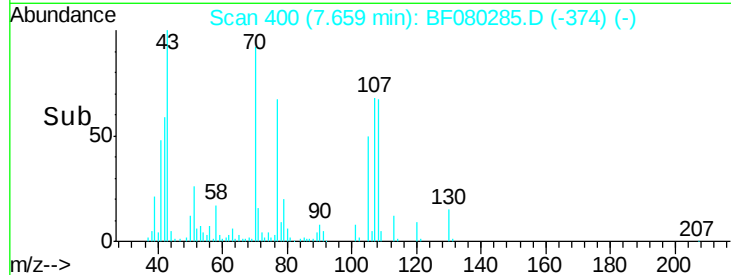
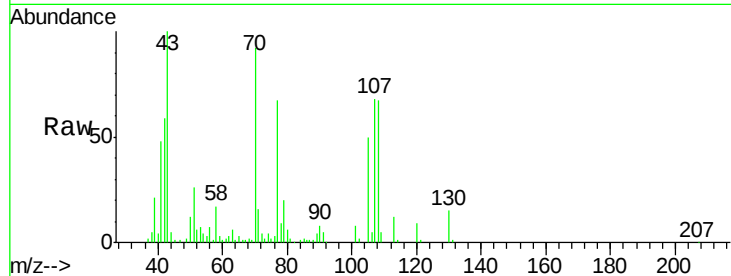
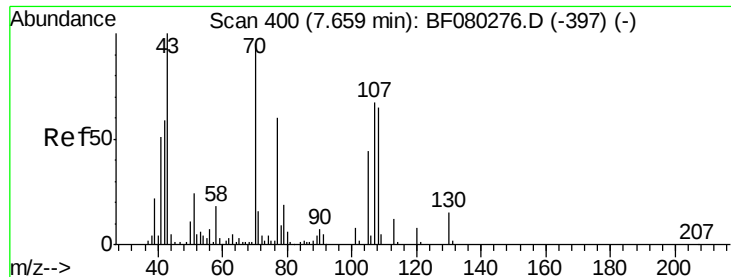
119 93.2 77.3 115.9

201 71.6 57.5 86.3



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





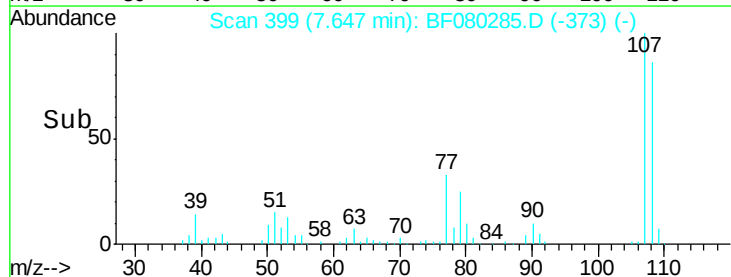
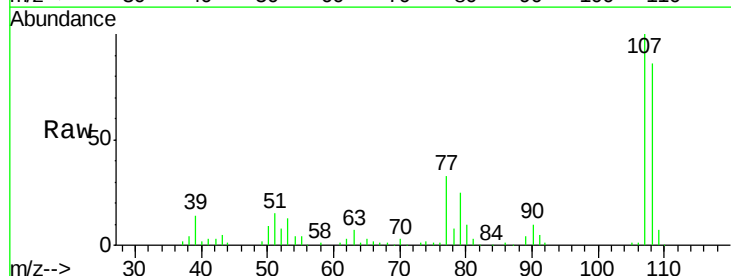
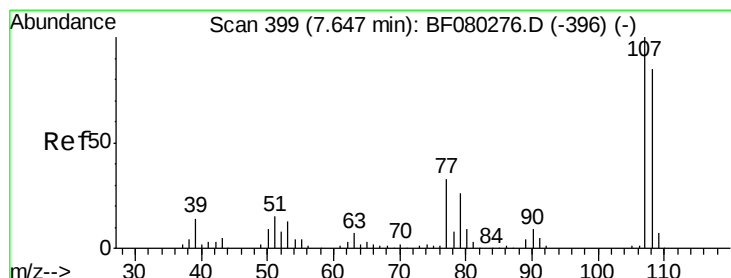
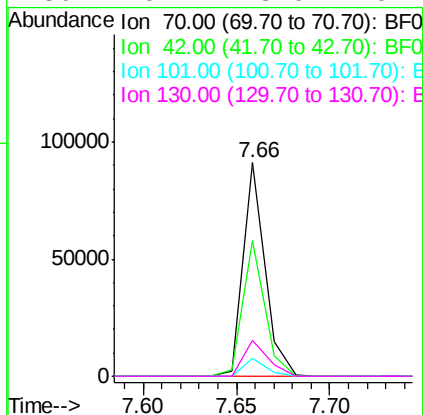
#19
n-Nitroso-di-n-propylamine
Concen: 27.34 ng
RT: 7.66 min Scan# 400
Delta R.T. -0.00 min
Lab File: BF080285.D
Acq: 1 Jul 2015 22:36

Instrument :
BNA_F
ClientSampleId :
PB84302BS

Manual Integrations
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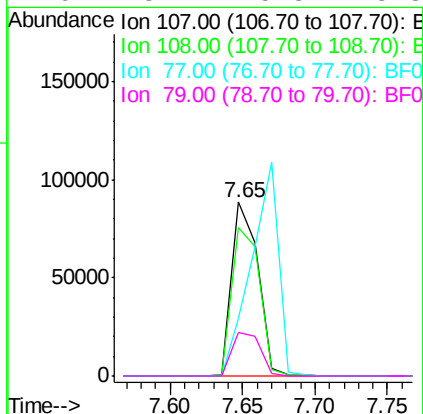
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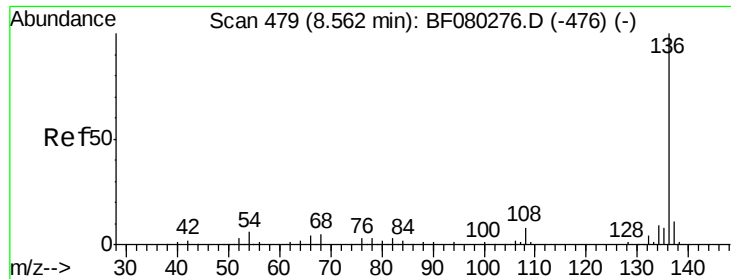
Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	63.7	49.8	74.8	
101	8.3	6.8	10.2	
130	16.7	13.0	19.4	



#20
3+4-Methylphenols
Concen: 28.78 ng
RT: 7.65 min Scan# 399
Delta R.T. 0.00 min
Lab File: BF080285.D
Acq: 1 Jul 2015 22:36

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.7	64.9	104.9	
77	33.1	12.9	52.9	
79	25.4	5.8	45.8	





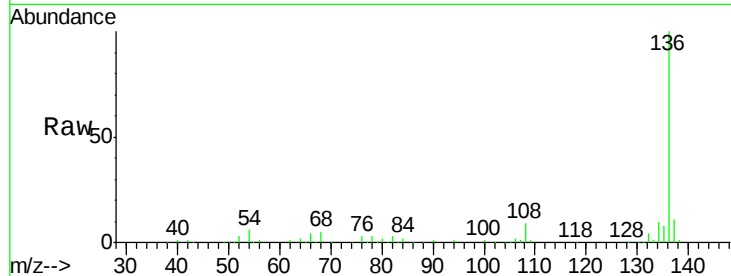
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.56 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF080285.D
Acq: 1 Jul 2015 22:36

Instrument :
BNA_F
ClientSampleId :
PB84302BS

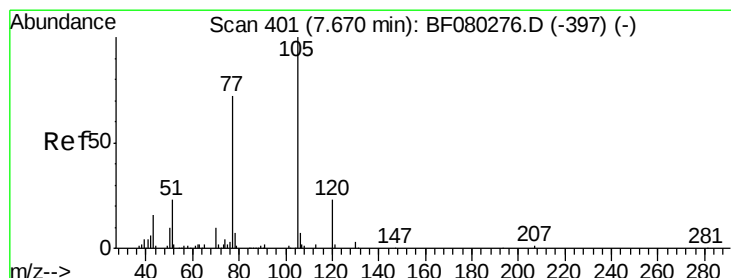
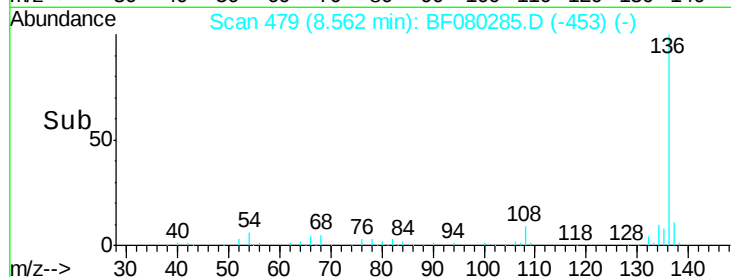
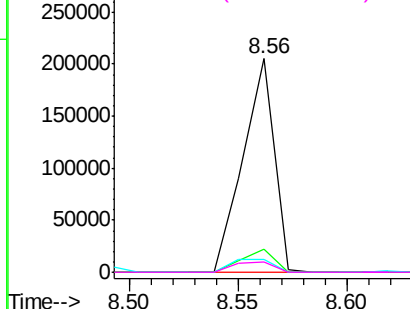
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	203760		
137	10.5	8.4	12.6	
54	6.2	4.9	7.3	
68	4.9	4.0	6.0	

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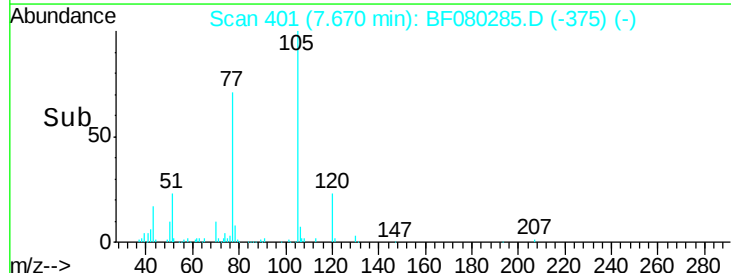
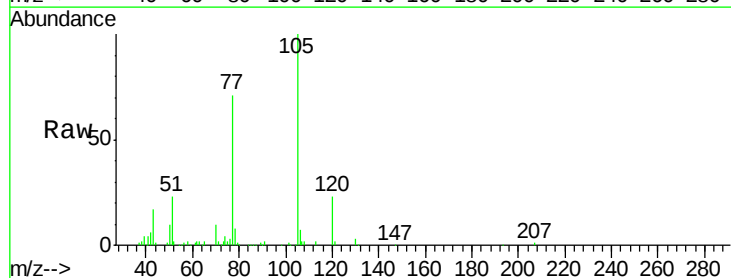
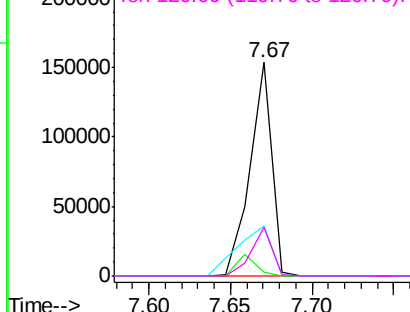
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

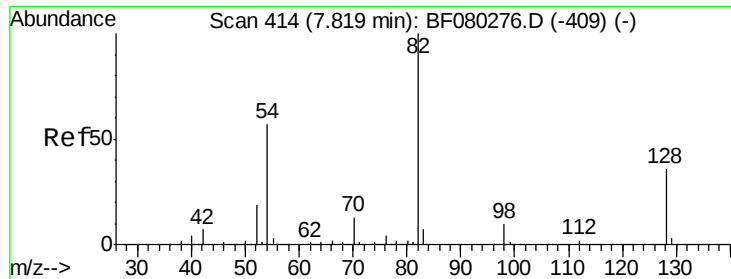


#22
Acetophenone
Concen: 29.87 ng
RT: 7.67 min Scan# 401
Delta R.T. 0.00 min
Lab File: BF080285.D
Acq: 1 Jul 2015 22:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	142188		
71	1.7	1.4	2.0	
51	23.3	18.5	27.7	
120	22.6	18.1	27.1	

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





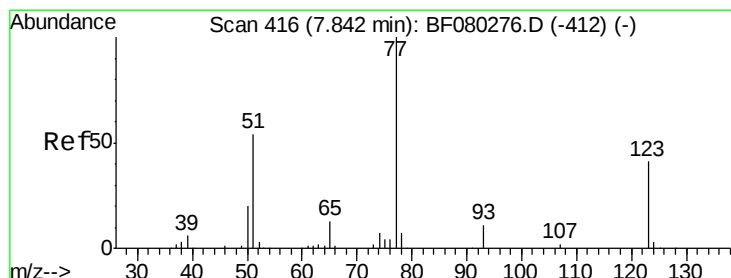
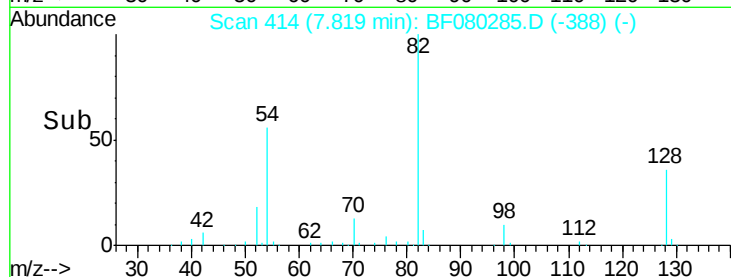
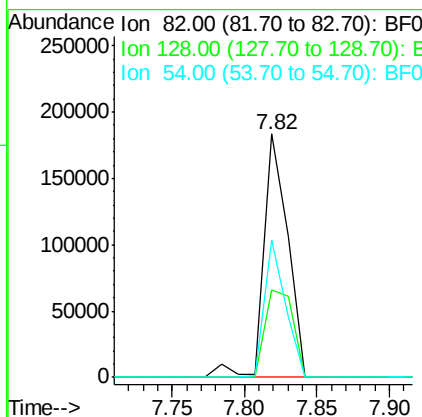
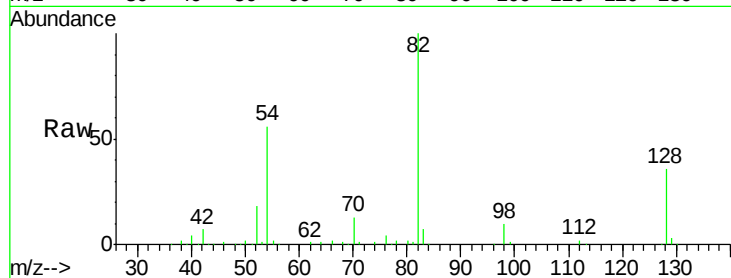
#23
 Nitrobenzene-d5
 Concen: 56.67 ng
 RT: 7.82 min Scan# 414
 Delta R.T. 0.00 min
 Lab File: BF080285.D
 Acq: 1 Jul 2015 22:36

Instrument :
 BNA_F
 ClientSampleId :
 PB84302BS

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	35.7	29.0	43.4
54	56.2	45.3	67.9

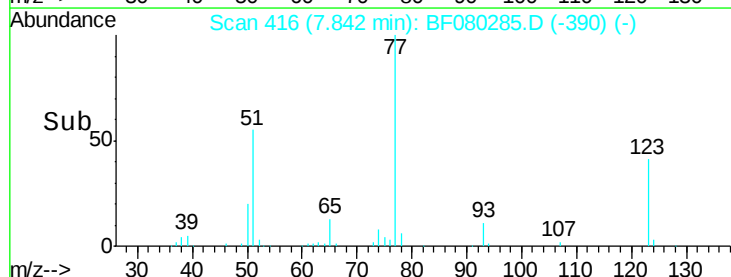
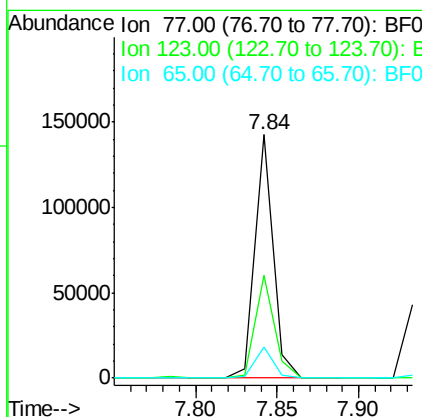
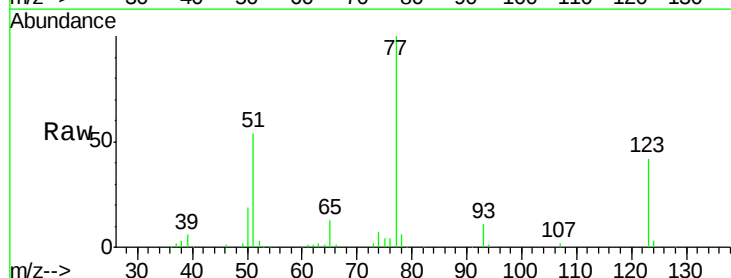
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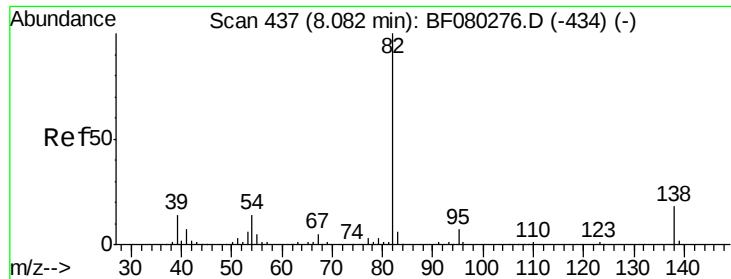
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#24
 Nitrobenzene
 Concen: 29.18 ng
 RT: 7.84 min Scan# 416
 Delta R.T. 0.00 min
 Lab File: BF080285.D
 Acq: 1 Jul 2015 22:36

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	42.0	33.0	49.6
65	13.0	10.6	15.8





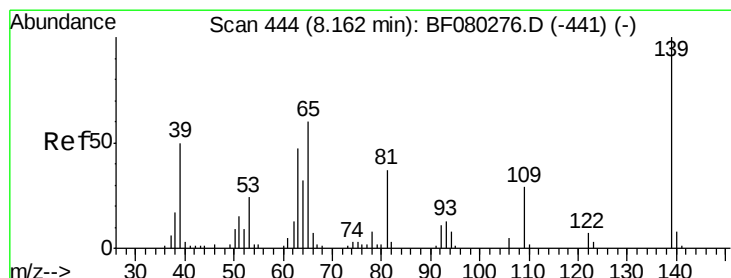
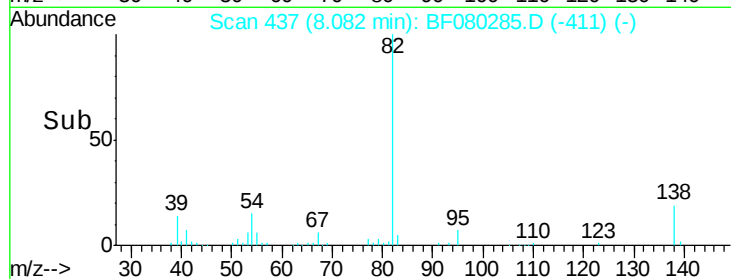
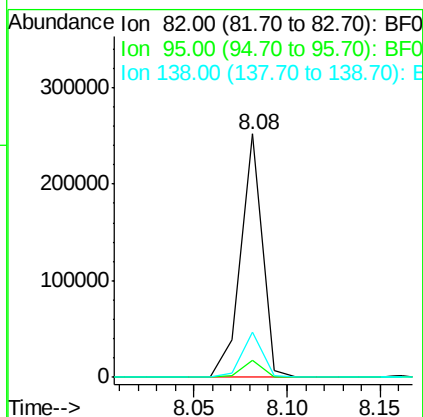
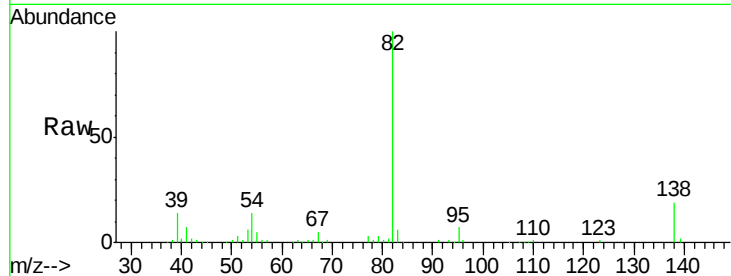
#25
Isophorone
Concen: 28.46 ng
RT: 8.08 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF080285.D
Acq: 1 Jul 2015 22:36

Instrument :
BNA_F
ClientSampleId :
PB84302BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	204717		
95	6.9	5.3	7.9	
138	18.5	14.4	21.6	

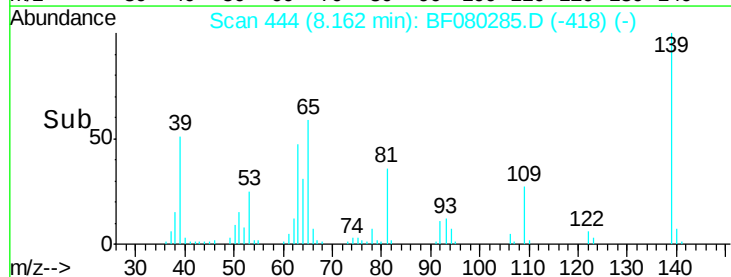
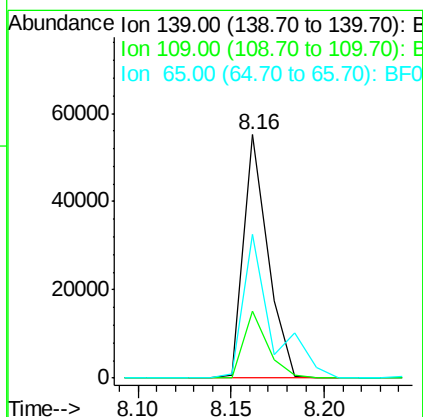
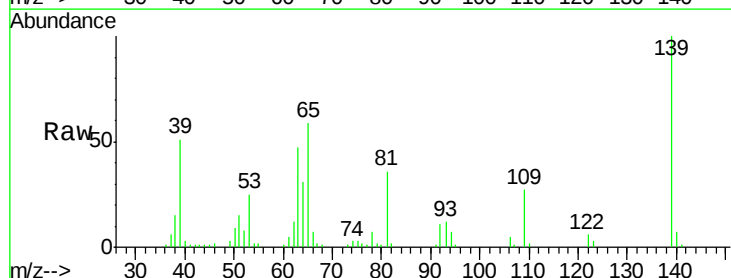
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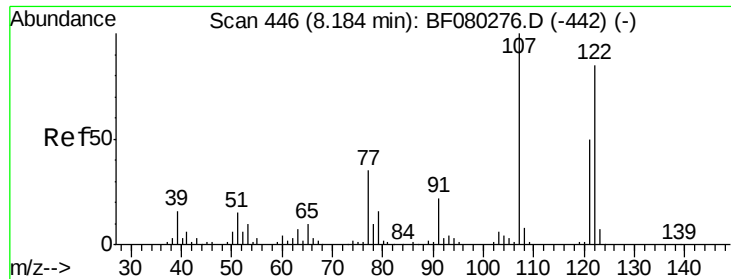
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#26
2-Nitrophenol
Concen: 30.30 ng
RT: 8.16 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF080285.D
Acq: 1 Jul 2015 22:36

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	50772		
109	27.4	23.1	34.7	
65	59.1	47.6	71.4	





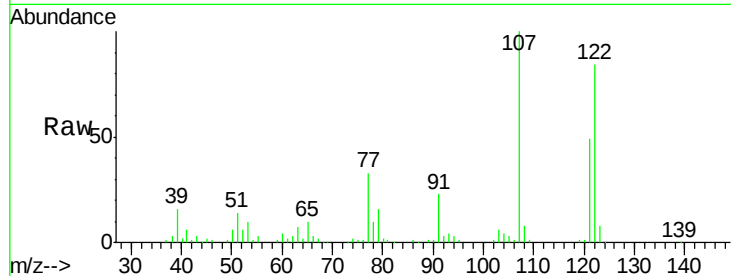
#27
 2,4-Dimethylphenol
 Concen: 29.59 ng
 RT: 8.18 min Scan# 446
 Delta R.T. -0.00 min
 Lab File: BF080285.D
 Acq: 1 Jul 2015 22:36

Instrument :
 BNA_F
 ClientSampleId :
 PB84302BS

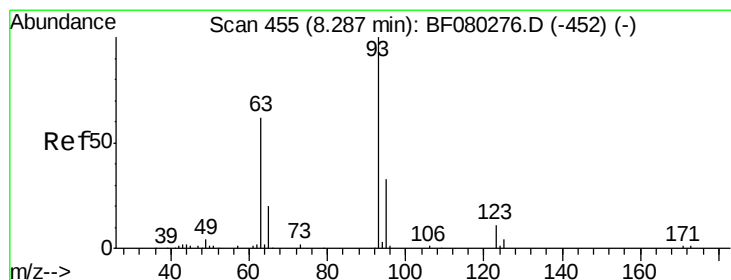
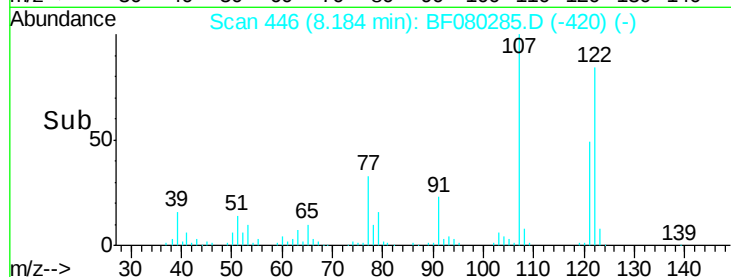
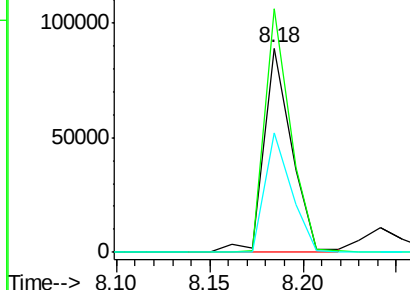
Tgt Ion	Ratio	Resp	Lower	Upper
122	100	91036		
107	119.0	93.7	140.5	
121	58.6	46.9	70.3	

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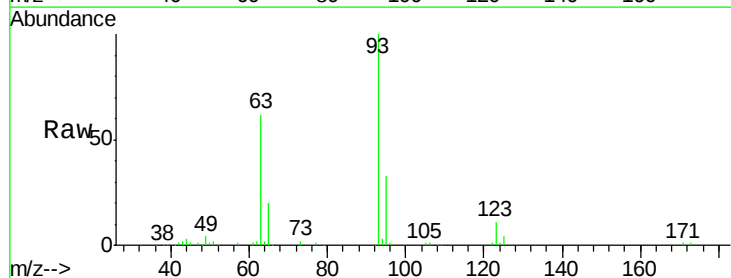


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

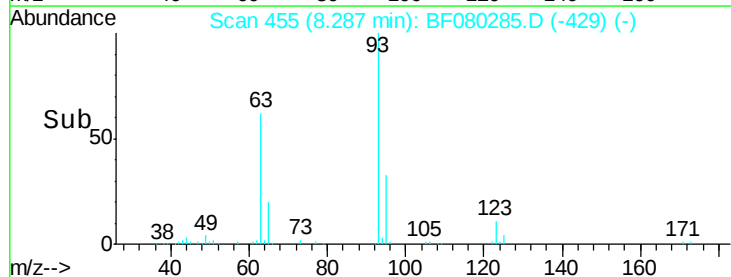
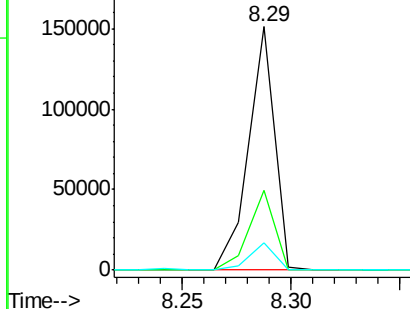


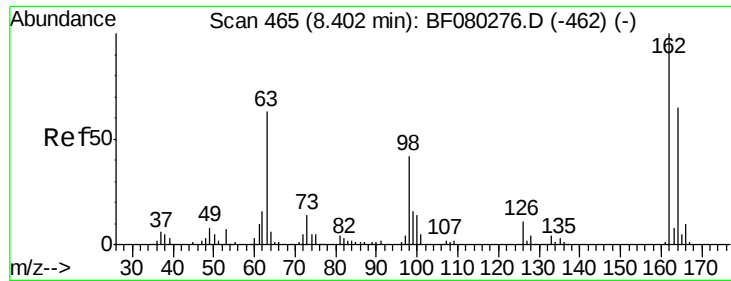
#28
 bis(2-Chloroethoxy)methane
 Concen: 29.08 ng
 RT: 8.29 min Scan# 455
 Delta R.T. -0.00 min
 Lab File: BF080285.D
 Acq: 1 Jul 2015 22:36

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	125516		
95	32.7	26.6	39.8	
123	11.2	9.2	13.8	



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





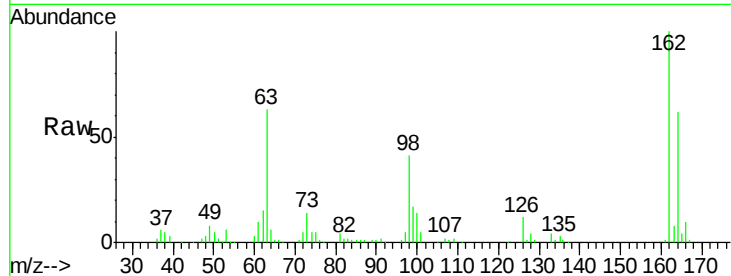
#29
 2,4-Dichlorophenol
 Concen: 31.59 ng
 RT: 8.40 min Scan# 465
 Delta R.T. 0.00 min
 Lab File: BF080285.D
 Acq: 1 Jul 2015 22:36

Instrument :
 BNA_F
 ClientSampleId :
 PB84302BS

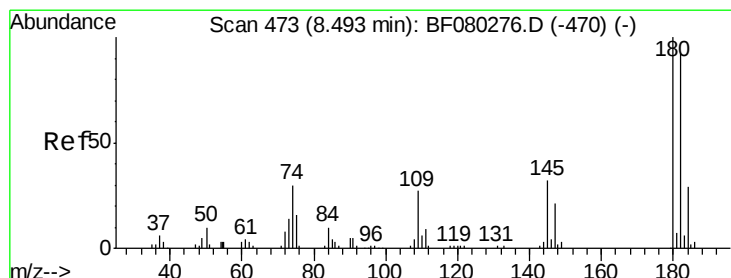
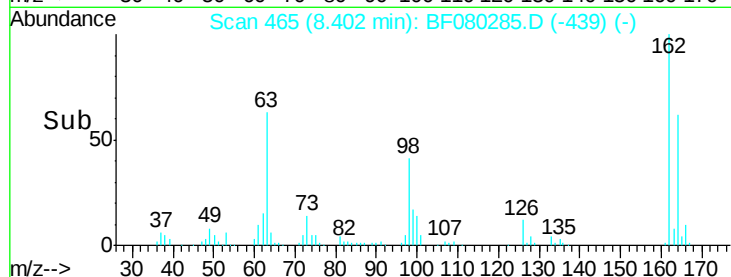
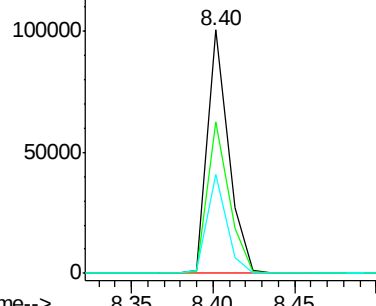
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	89767		
164	62.4	44.6	84.6	
98	40.7	21.7	61.7	

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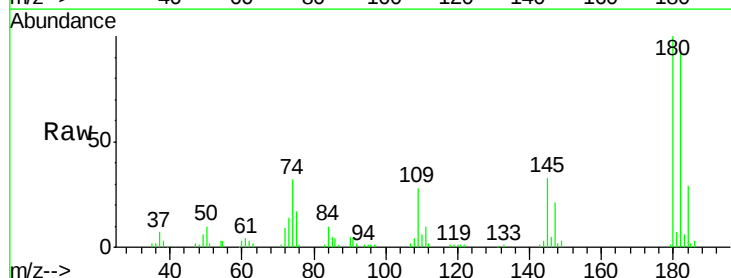


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

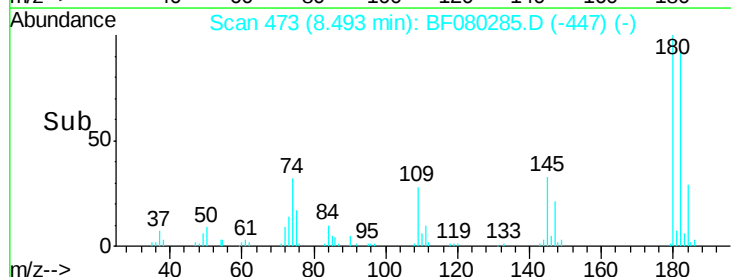
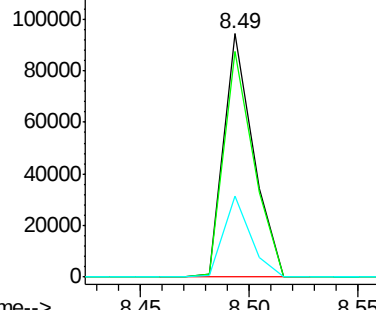


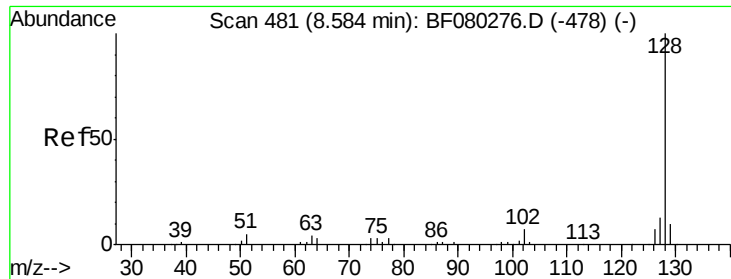
#30
 1,2,4-Trichlorobenzene
 Concen: 26.86 ng
 RT: 8.49 min Scan# 473
 Delta R.T. 0.00 min
 Lab File: BF080285.D
 Acq: 1 Jul 2015 22:36

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	89036		
182	92.8	73.8	110.6	
145	33.4	25.6	38.4	



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





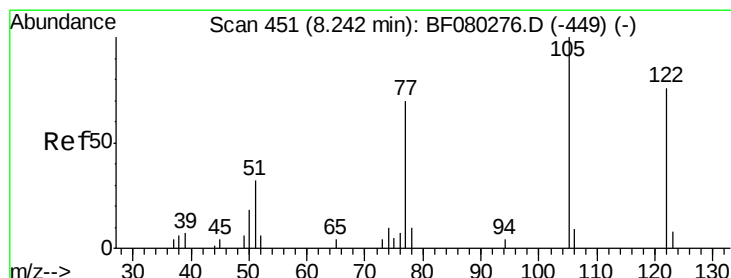
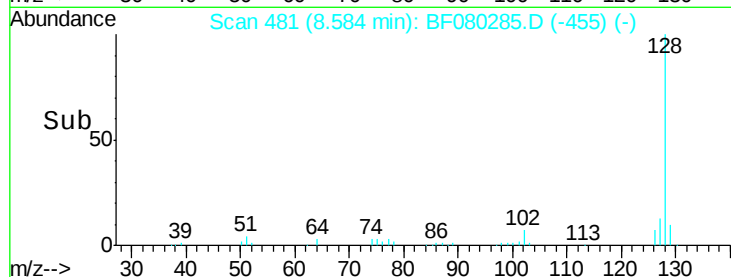
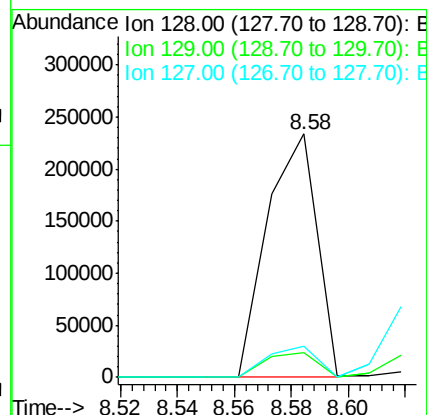
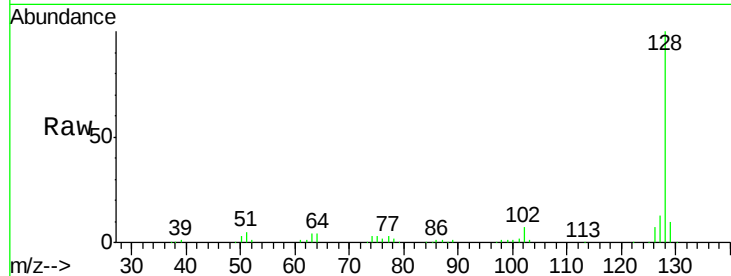
#31
Naphthalene
Concen: 27.27 ng m
RT: 8.58 min Scan# 481
Delta R.T. 0.00 min
Lab File: BF080285.D
Acq: 1 Jul 2015 22:36

Instrument :
BNA_F
ClientSampleId :
PB84302BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	283012		
129	10.4	8.2	12.4	
127	12.7	10.4	15.6	

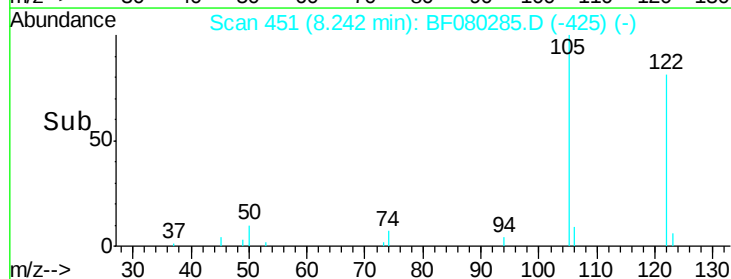
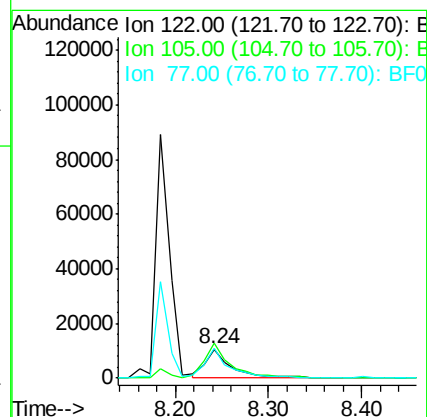
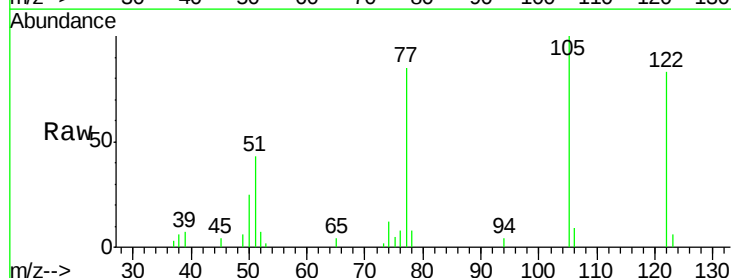
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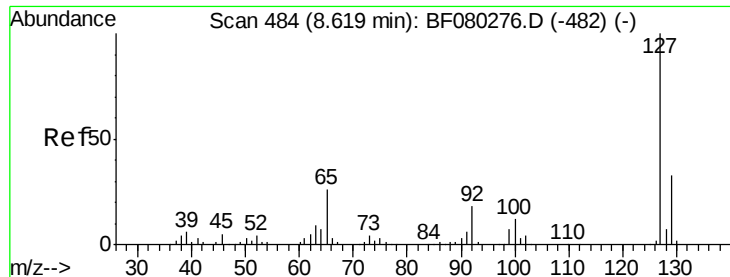
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#32
Benzoic acid
Concen: 29.71 ng
RT: 8.24 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF080285.D
Acq: 1 Jul 2015 22:36

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	20915		
105	120.0	103.3	143.3	
77	101.8	71.5	111.5	





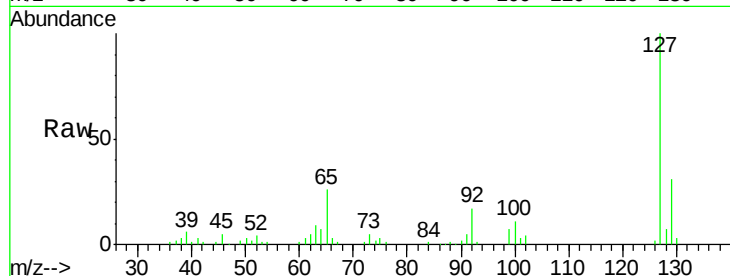
#33
4-Chloroaniline
Concen: 13.08 ng m
RT: 8.62 min Scan# 484
Delta R.T. 0.00 min
Lab File: BF080285.D
Acq: 1 Jul 2015 22:36

Instrument :
BNA_F
ClientSampleId :
PB84302BS

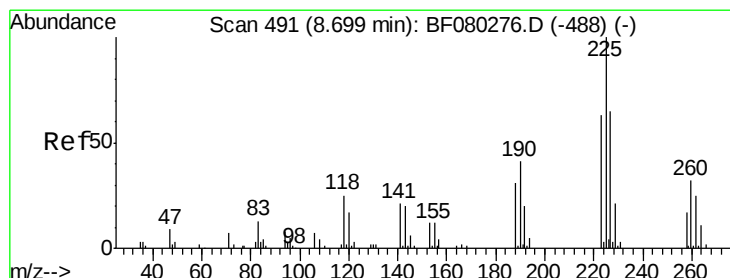
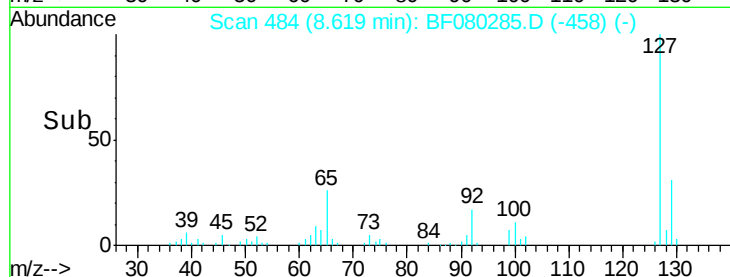
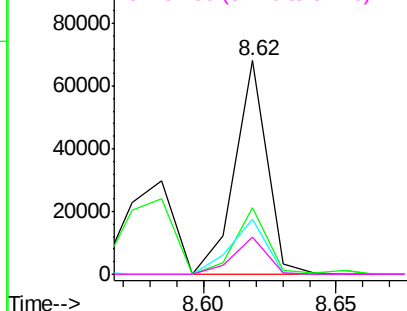
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	57605		
129	31.2	26.4	39.6	
65	25.5	21.0	31.6	
92	17.3	14.1	21.1	

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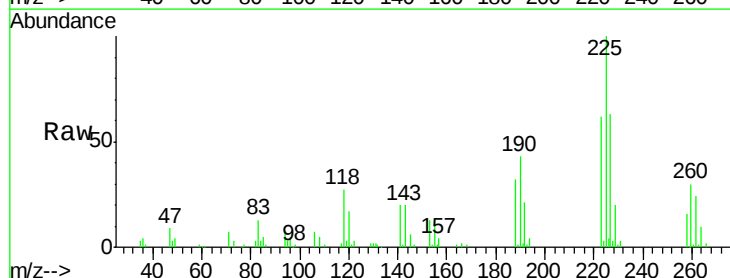


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

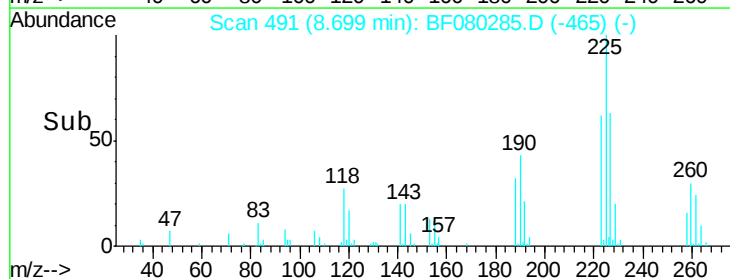
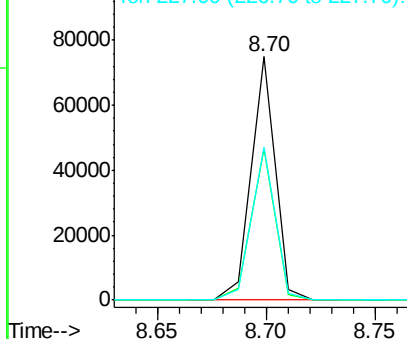


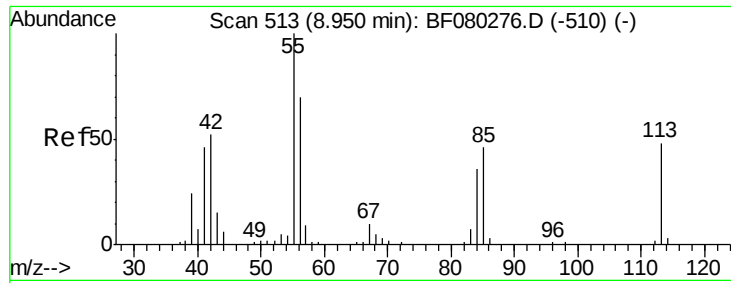
#34
Hexachlorobutadiene
Concen: 27.52 ng
RT: 8.70 min Scan# 491
Delta R.T. 0.00 min
Lab File: BF080285.D
Acq: 1 Jul 2015 22:36

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	57458		
223	62.1	50.5	75.7	
227	62.6	51.8	77.8	



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





#35

Caprolactam

Concen: 28.54 ng

RT: 8.95 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF080285.D

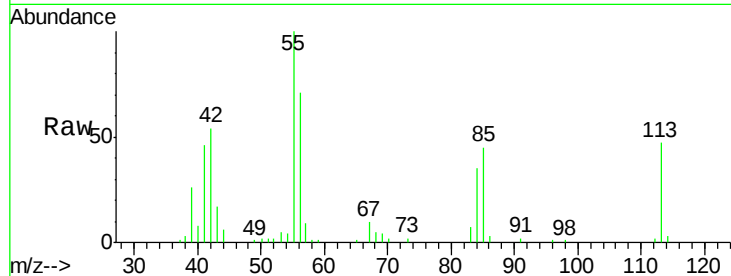
Acq: 1 Jul 2015 22:36

Instrument :

BNA_F

ClientSampleId :

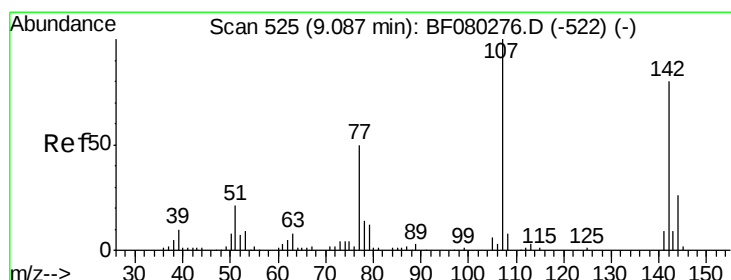
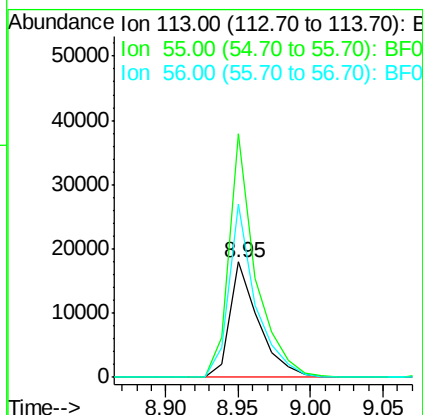
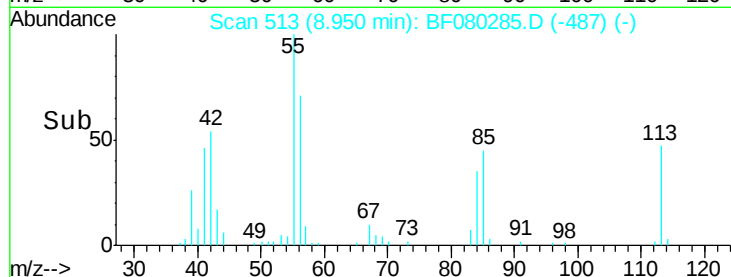
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Tgt Ion:	113	Resp:	24604
Ion Ratio	Lower	Upper	
113	100		
55	211.0	189.7	229.7
56	149.7	127.2	167.2

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#36

4-Chloro-3-methylphenol

Concen: 30.96 ng

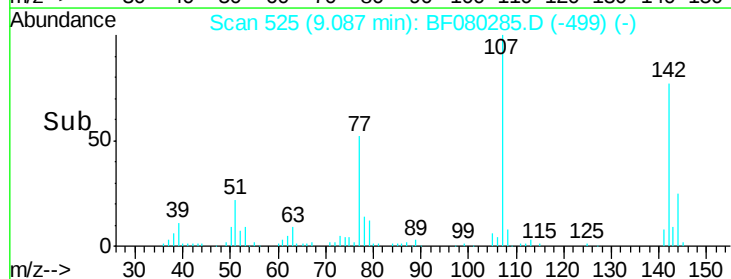
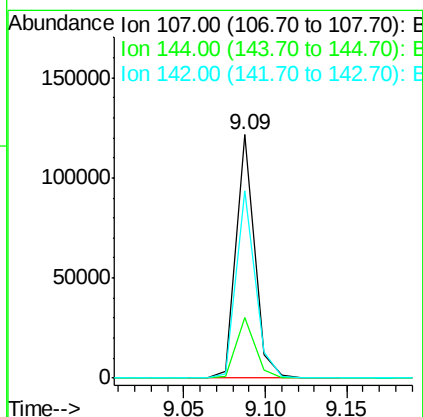
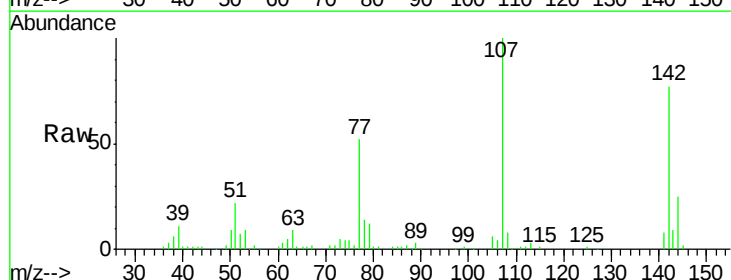
RT: 9.09 min Scan# 525

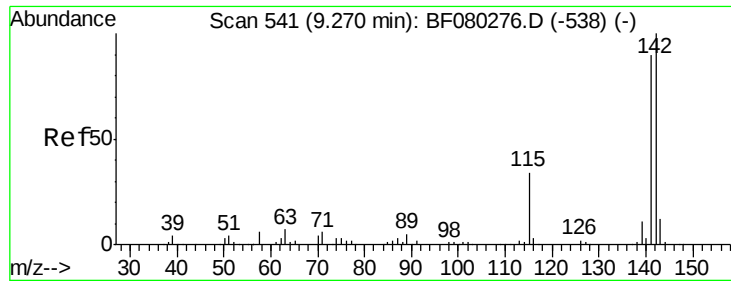
Delta R.T. 0.00 min

Lab File: BF080285.D

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Tgt Ion:	107	Resp:	95231
Ion Ratio	Lower	Upper	
107	100		
144	24.8	20.4	30.6
142	77.1	63.8	95.6





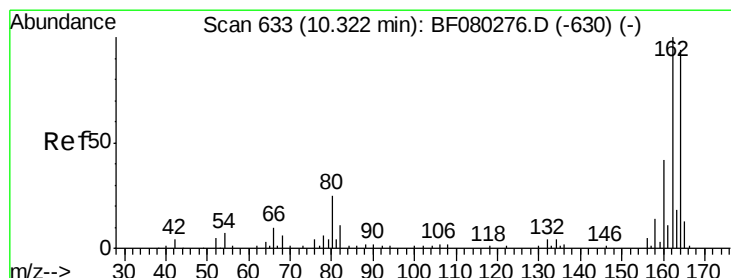
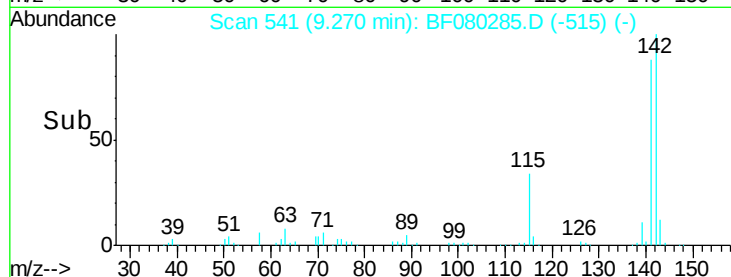
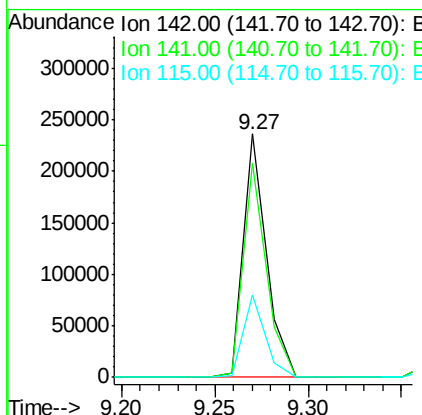
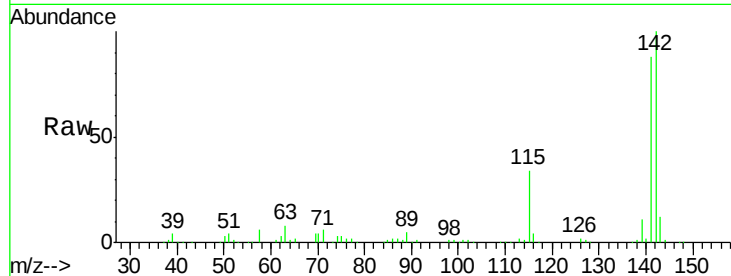
#37
 2-Methylnaphthalene
 Concen: 28.69 ng
 RT: 9.27 min Scan# 541
 Delta R.T. 0.00 min
 Lab File: BF080285.D
 Acq: 1 Jul 2015 22:36

Instrument :
 BNA_F
 ClientSampleId :
 PB84302BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	203909		
141	88.1	71.8	107.6	
115	33.7	27.4	41.2	

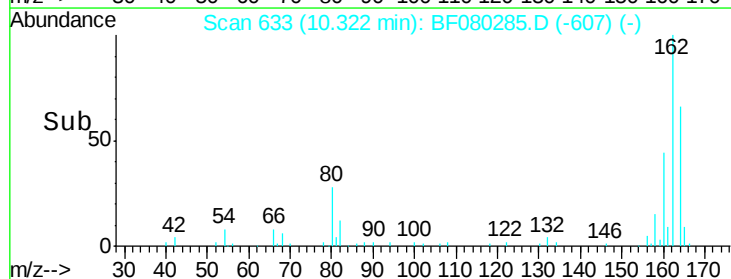
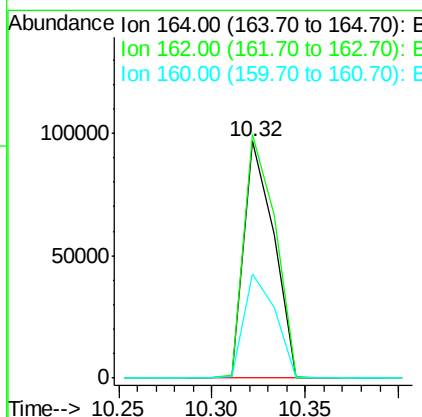
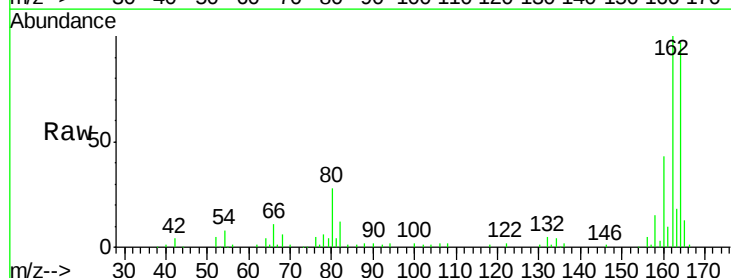
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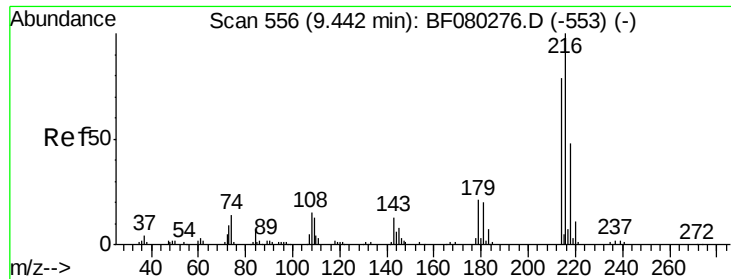
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.32 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF080285.D
 Acq: 1 Jul 2015 22:36

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	107689		
162	102.7	84.8	127.2	
160	44.1	35.8	53.8	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 27.31 ng

RT: 9.44 min Scan# 556

Delta R.T. -0.00 min

Lab File: BF080285.D

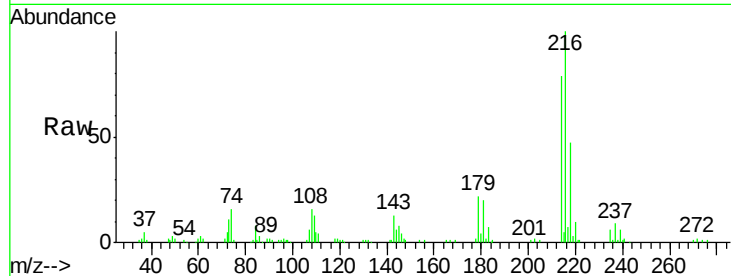
Acq: 1 Jul 2015 22:36

Instrument :

BNA_F

ClientSampleId :

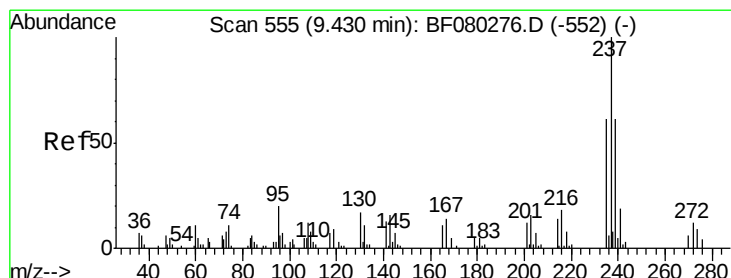
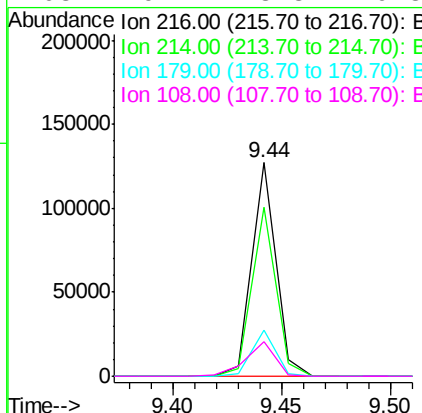
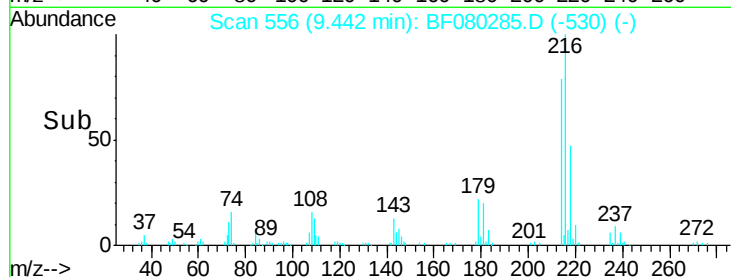
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Tgt Ion	Ratio	Resp	Lower	Upper
216	100	97865		
214	79.0	63.0	94.6	
179	21.5	16.8	25.2	
108	19.7	13.8	20.8	

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#40

Hexachlorocyclopentadiene

Concen: 59.36 ng

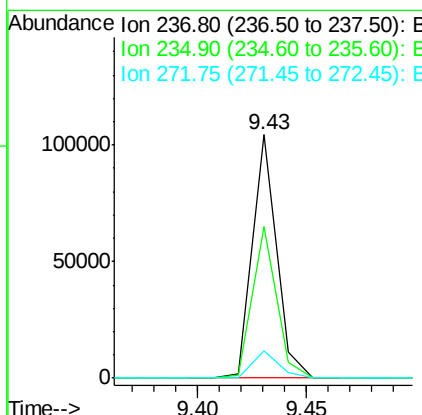
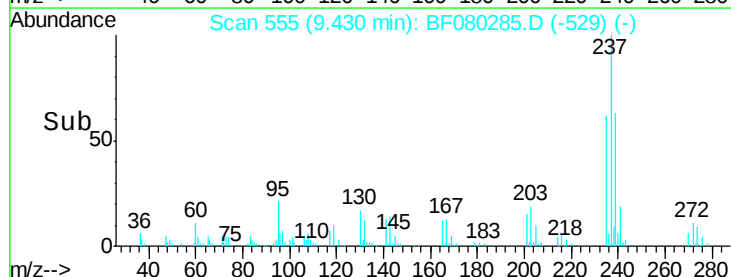
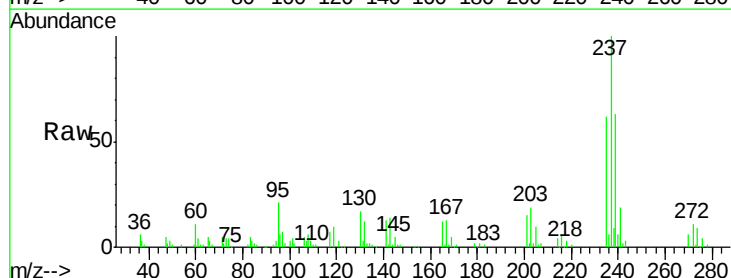
RT: 9.43 min Scan# 555

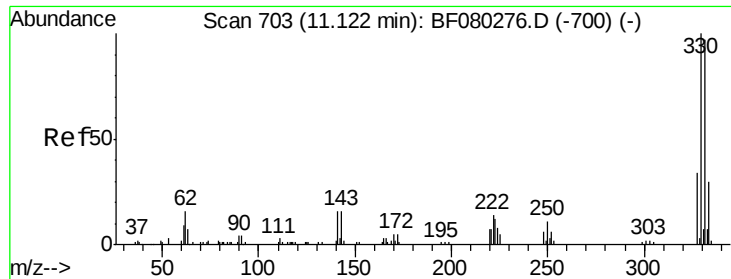
Delta R.T. 0.00 min

Lab File: BF080285.D

Acq: 1 Jul 2015 22:36

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	80771		
235	62.0	41.3	81.3	
272	11.3	0.0	31.8	





#41

2,4,6-Tribromophenol

Concen: 61.72 ng

RT: 11.12 min Scan# 703

Delta R.T. -0.00 min

Lab File: BF080285.D

Acq: 1 Jul 2015 22:36

Instrument :

BNA_F

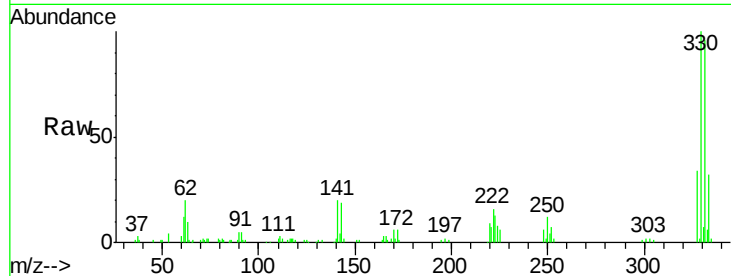
ClientSampleId :

PB84302BS

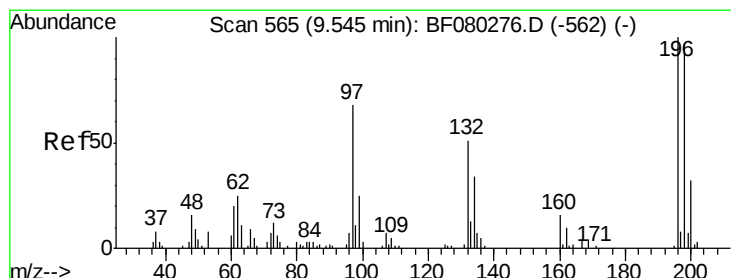
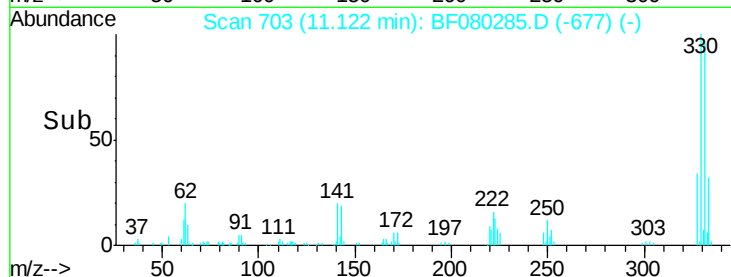
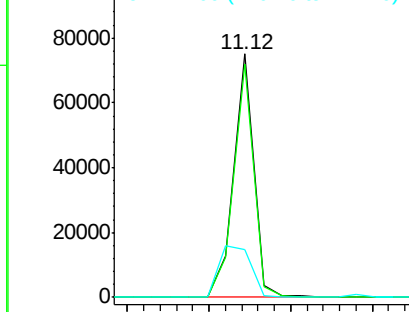
Tgt Ion:	330	Resp:	63283
Ion Ratio	Lower	Upper	
330	100		
332	95.6	77.4	116.2
141	33.9	28.0	42.0

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



#42

2,4,6-Trichlorophenol

Concen: 26.81 ng

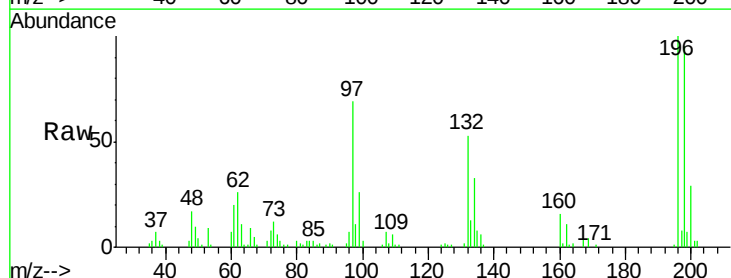
RT: 9.54 min Scan# 565

Delta R.T. 0.00 min

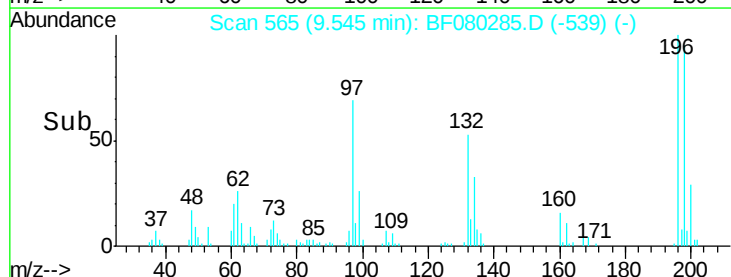
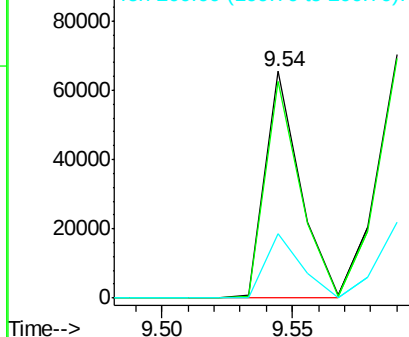
Lab File: BF080285.D

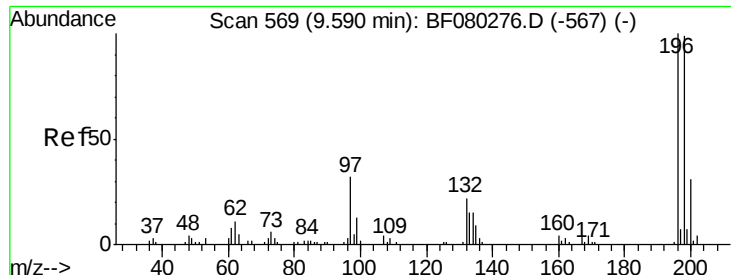
Acq: 1 Jul 2015 22:36

Tgt Ion:	196	Resp:	60826
Ion Ratio	Lower	Upper	
196	100		
198	95.5	77.7	116.5
200	28.6	25.6	38.4



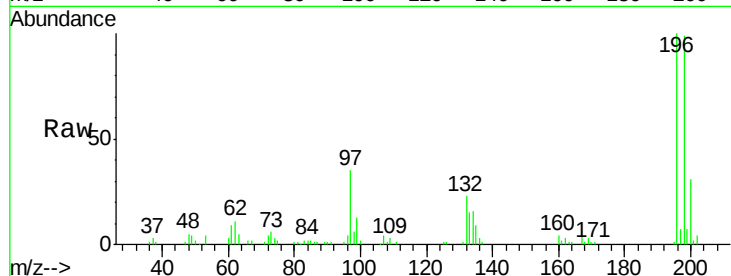
Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 26.73 ng
 RT: 9.59 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: BF080285.D
 Acq: 1 Jul 2015 22:36

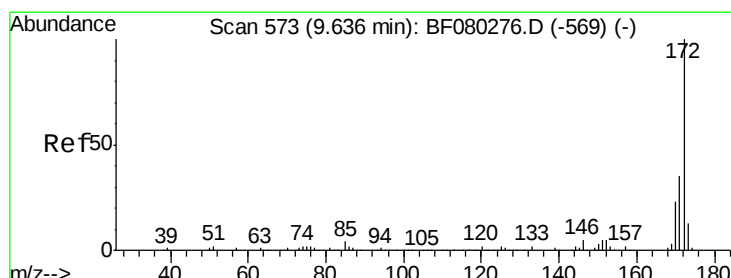
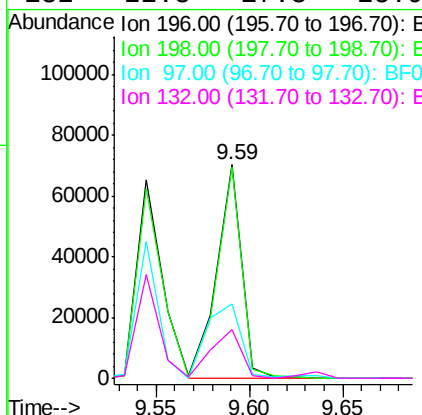
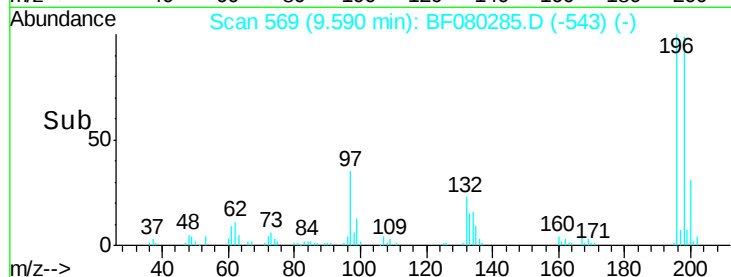
Instrument :
 BNA_F
 ClientSampleId :
 PB84302BS



Tgt Ion:	196	Resp:	65325
Ion Ratio	Lower	Upper	
196	100		
198	98.6	79.4	119.2
97	34.7	25.9	38.9
132	22.8	17.3	25.9

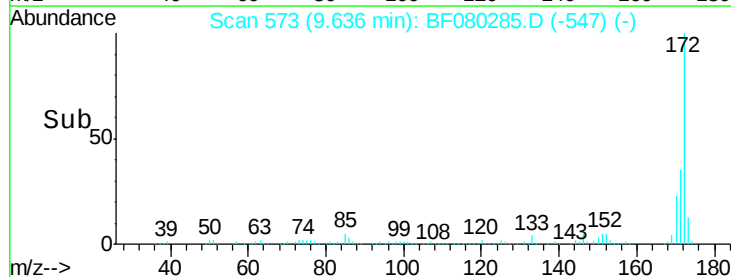
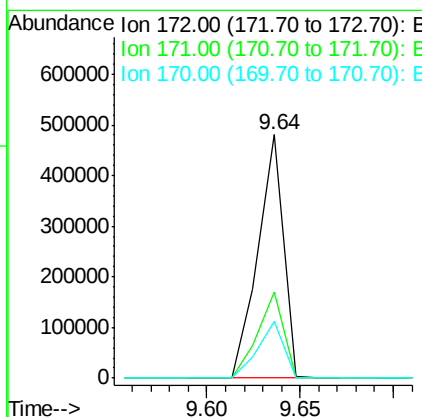
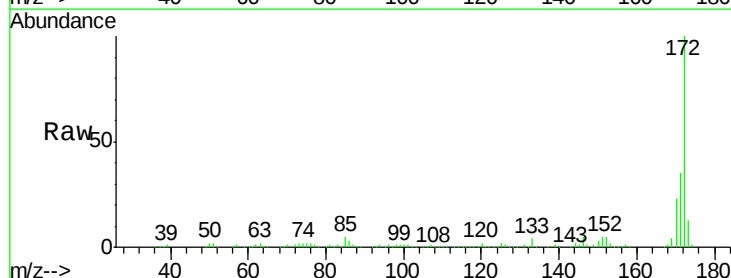
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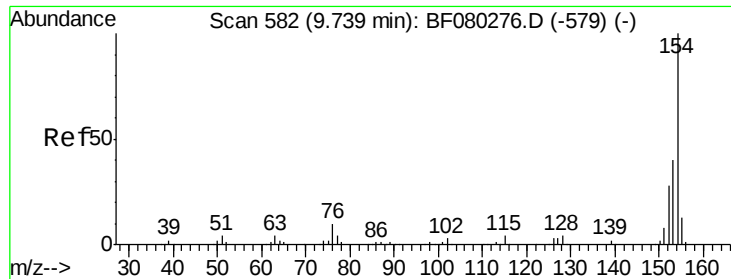
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#44
 2-Fluorobiphenyl
 Concen: 60.52 ng
 RT: 9.64 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: BF080285.D
 Acq: 1 Jul 2015 22:36

Tgt Ion:	172	Resp:	452785
Ion Ratio	Lower	Upper	
172	100		
171	35.2	28.1	42.1
170	23.1	18.6	28.0





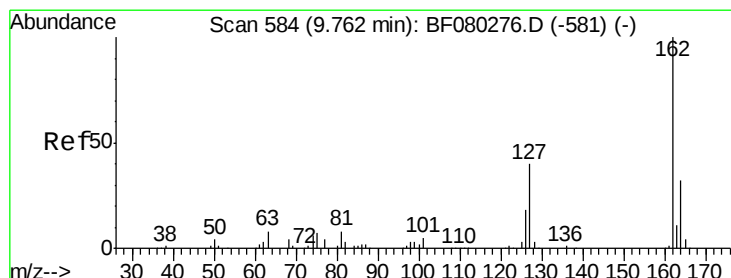
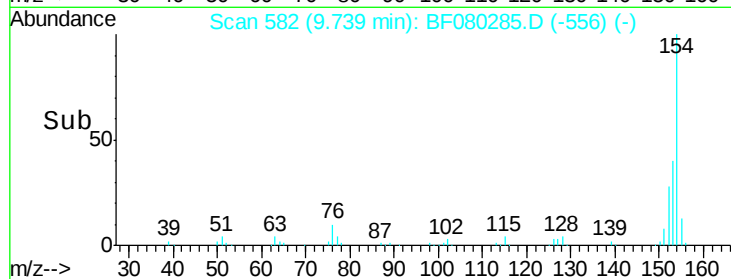
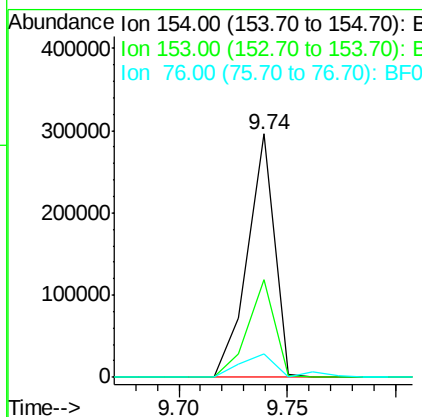
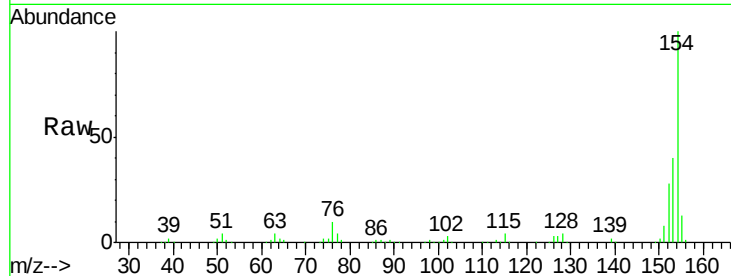
#45
 1,1'-Biphenyl
 Concen: 27.87 ng
 RT: 9.74 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: BF080285.D
 Acq: 1 Jul 2015 22:36

Instrument :
 BNA_F
 ClientSampleId :
 PB84302BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	255237		
153	40.4	20.3	60.3	
76	9.8	0.0	30.3	

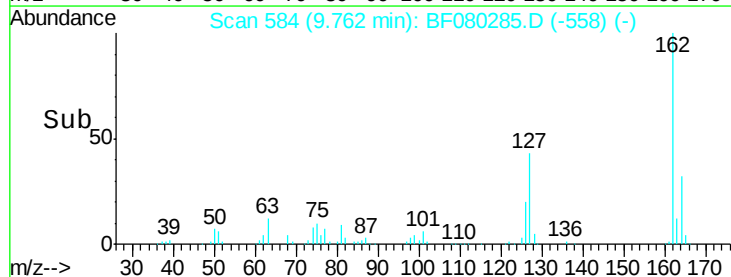
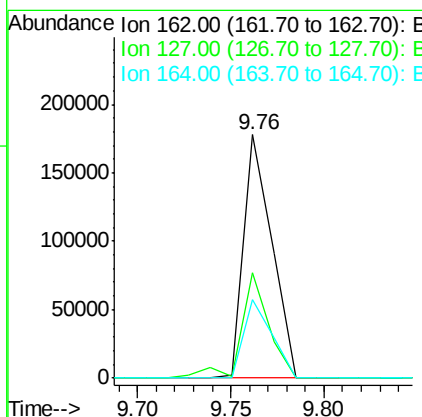
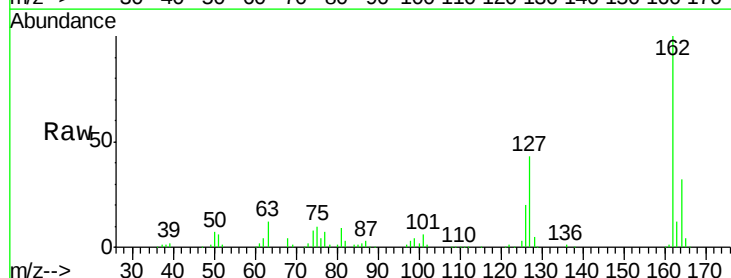
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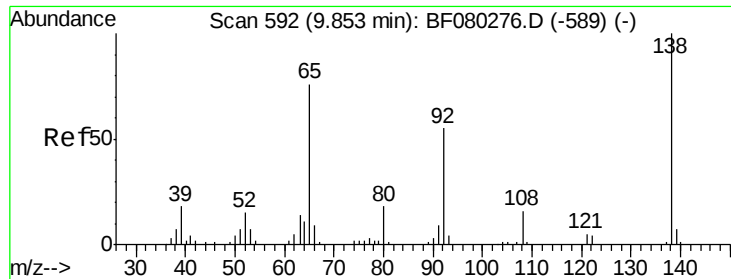
apatel
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#46
 2-Chloronaphthalene
 Concen: 26.23 ng
 RT: 9.76 min Scan# 584
 Delta R.T. 0.00 min
 Lab File: BF080285.D
 Acq: 1 Jul 2015 22:36

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	185903		
127	43.2	33.4	50.0	
164	32.3	25.3	37.9	





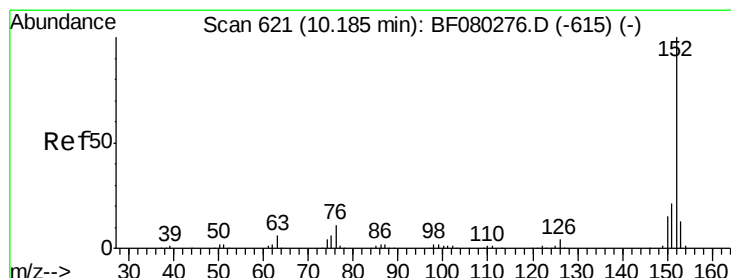
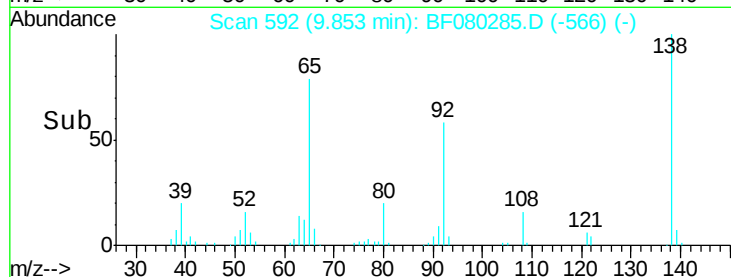
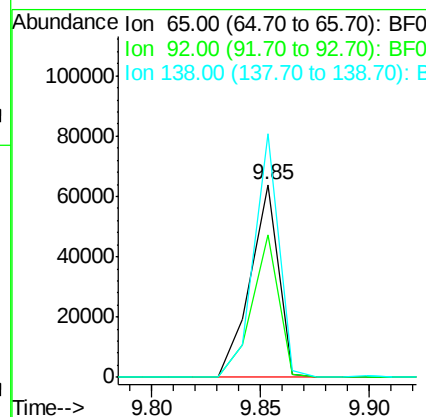
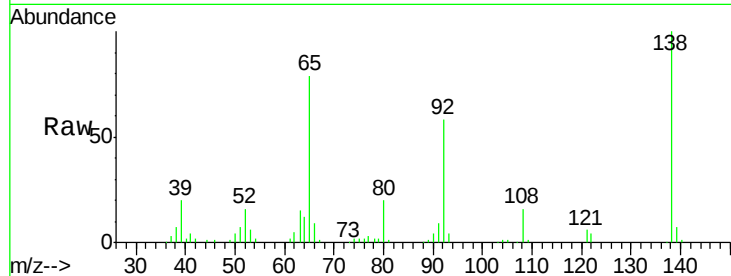
#47
2-Nitroaniline
Concen: 28.43 ng
RT: 9.85 min Scan# 592
Delta R.T. 0.00 min
Lab File: BF080285.D
Acq: 1 Jul 2015 22:36

Instrument :
BNA_F
ClientSampleId :
PB84302BS

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	57958		
92	73.9	58.0	87.0	
138	126.4	104.8	157.2	

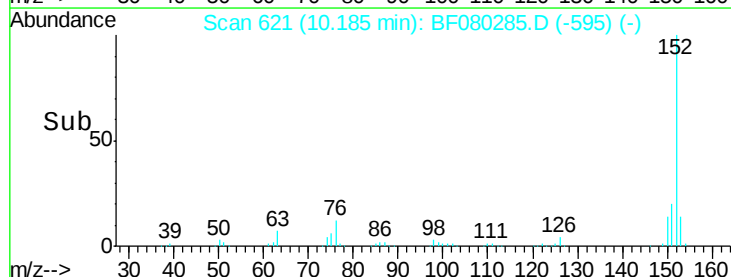
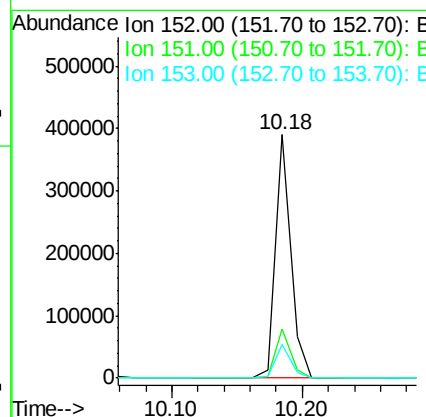
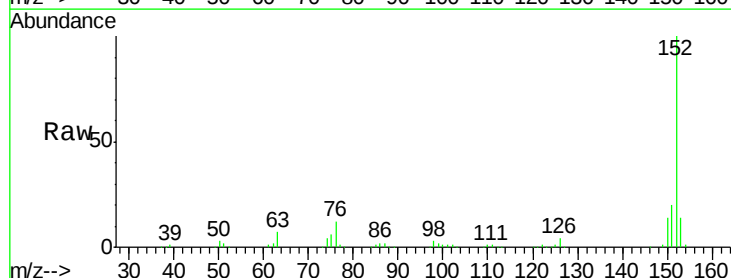
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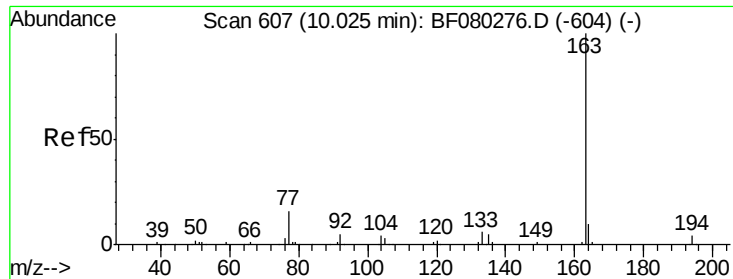
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#48
Acenaphthylene
Concen: 26.22 ng
RT: 10.18 min Scan# 621
Delta R.T. 0.00 min
Lab File: BF080285.D
Acq: 1 Jul 2015 22:36

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	322708		
151	20.3	16.7	25.1	
153	13.7	10.7	16.1	





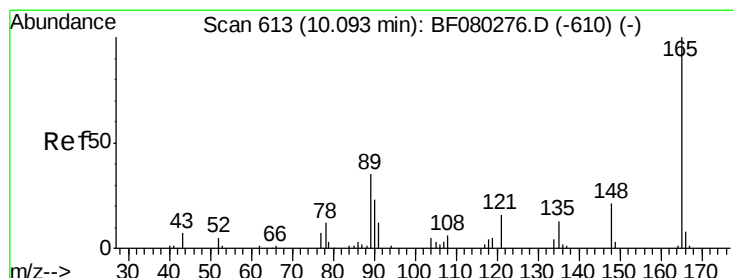
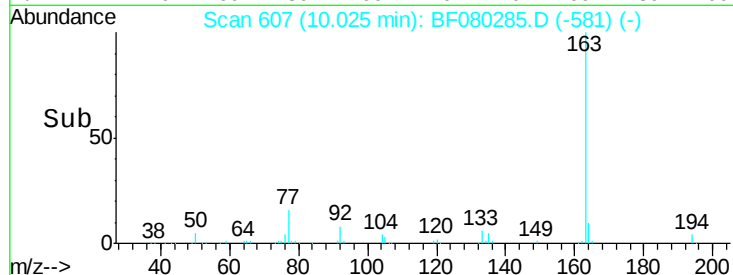
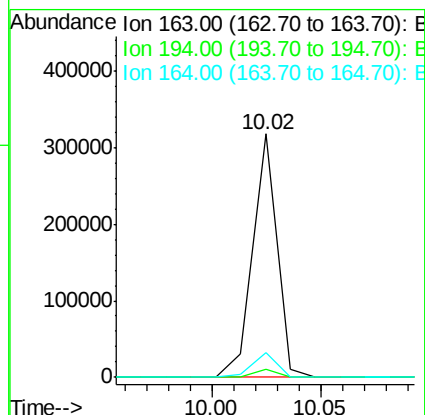
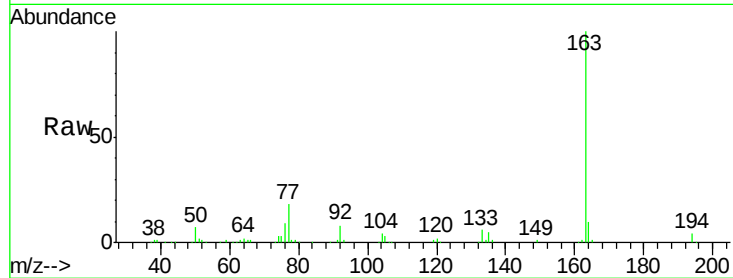
#49
Dimethylphthalate
Concen: 29.87 ng
RT: 10.02 min Scan# 607
Delta R.T. 0.00 min
Lab File: BF080285.D
Acq: 1 Jul 2015 22:36

Instrument :
BNA_F
ClientSampleId :
PB84302BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.5	3.0	4.4
164	10.1	7.9	11.9

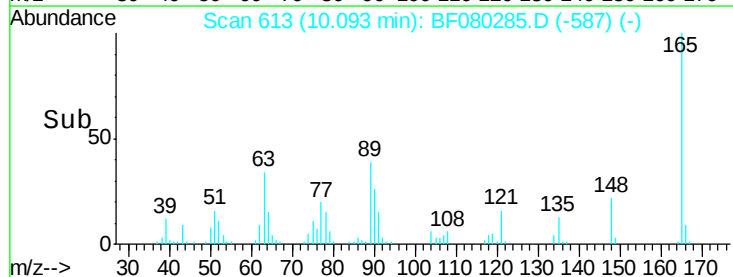
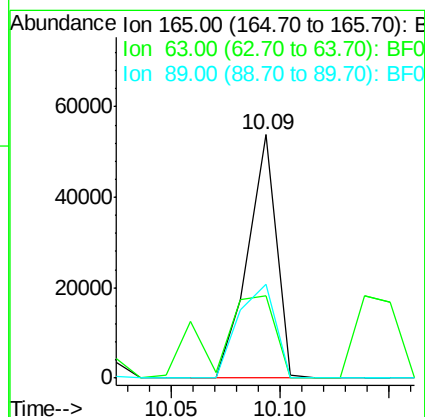
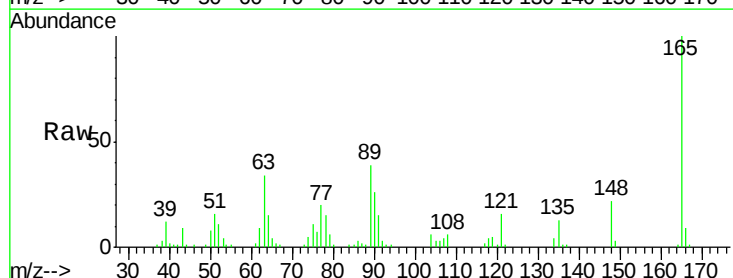
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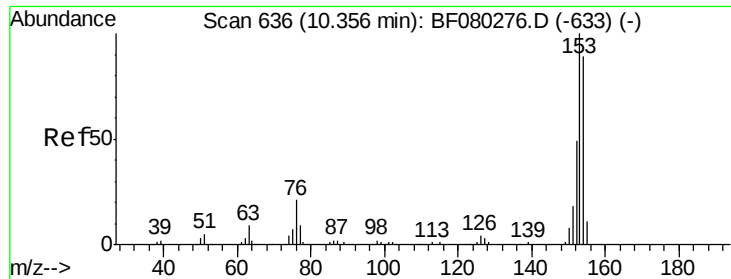
apatel
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#50
2,6-Dinitrotoluene
Concen: 29.30 ng
RT: 10.09 min Scan# 613
Delta R.T. 0.00 min
Lab File: BF080285.D
Acq: 1 Jul 2015 22:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	33.9	23.4	35.0
89	38.8	27.7	41.5





#51

Acenaphthene

Concen: 28.08 ng

RT: 10.36 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF080285.D

Acq: 1 Jul 2015 22:36

Instrument :

BNA_F

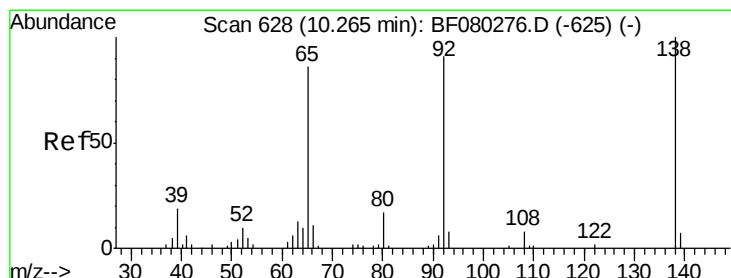
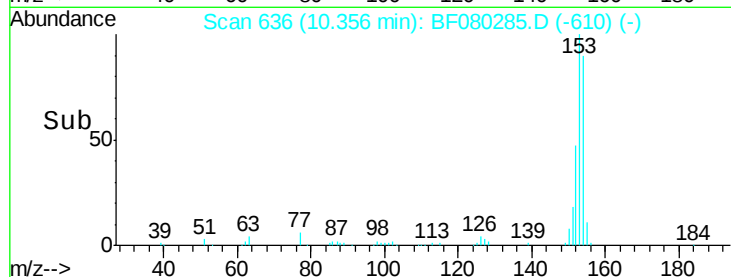
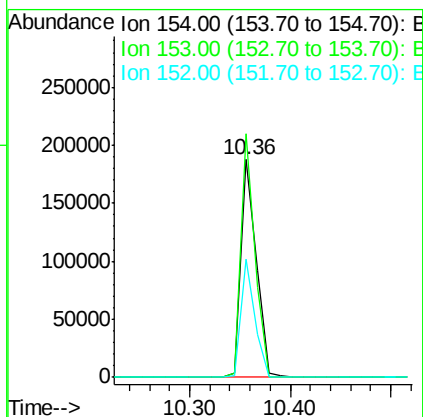
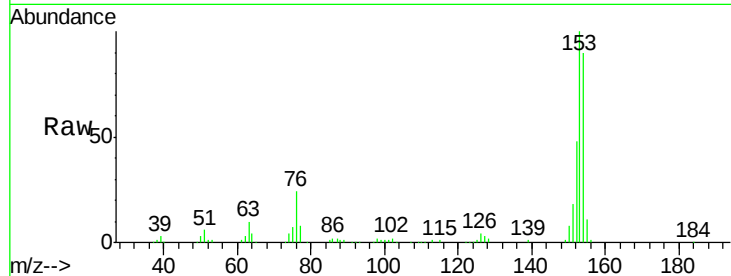
ClientSampleId :

PB84302BS

Tgt Ion:	154	Resp:	199000
Ion Ratio	Lower	Upper	
154	100		
153	111.7	90.4	135.6
152	54.1	43.9	65.9

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#52

3-Nitroaniline

Concen: 18.08 ng

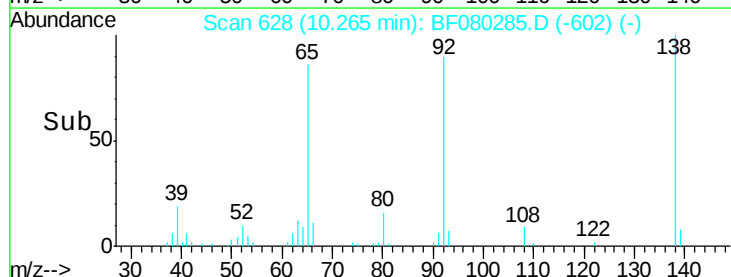
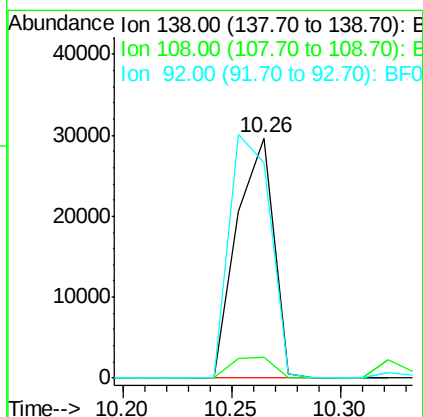
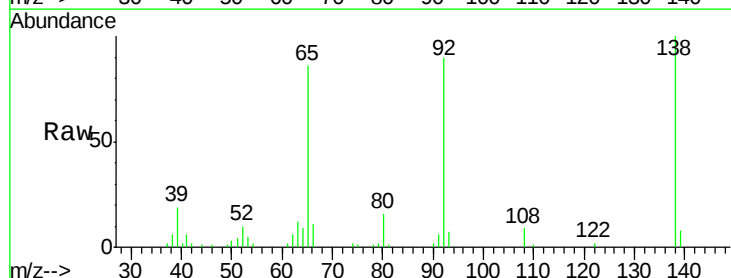
RT: 10.26 min Scan# 628

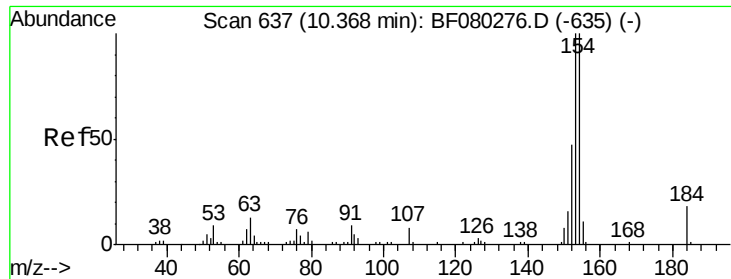
Delta R.T. 0.00 min

Lab File: BF080285.D

Acq: 1 Jul 2015 22:36

Tgt Ion:	138	Resp:	34874
Ion Ratio	Lower	Upper	
138	100		
108	8.7	6.7	10.1
92	89.7	72.6	109.0





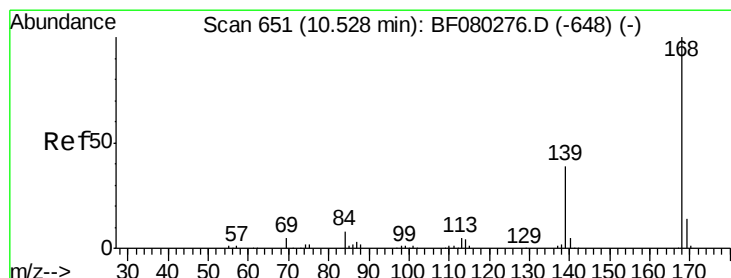
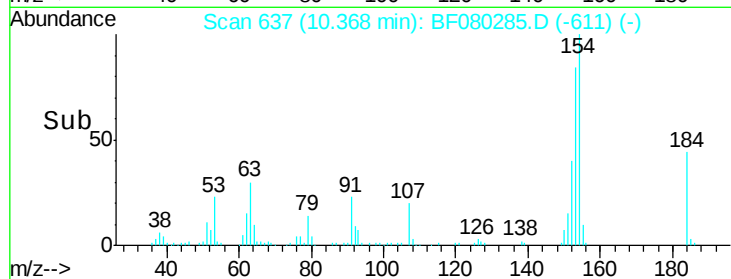
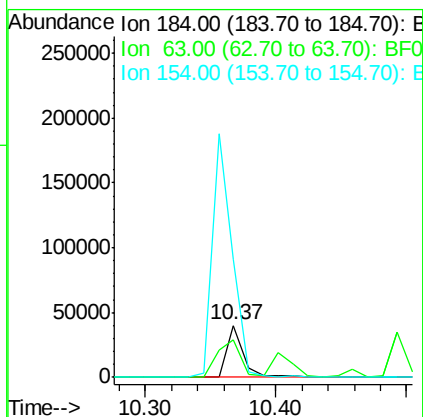
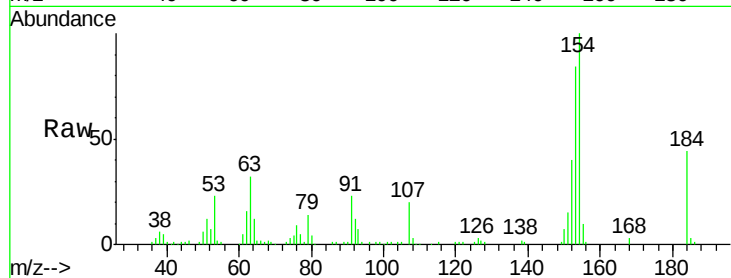
#53
2,4-Dinitrophenol
Concen: 61.67 ng
RT: 10.37 min Scan# 637
Delta R.T. 0.00 min
Lab File: BF080285.D
Acq: 1 Jul 2015 22:36

Instrument :
BNA_F
ClientSampleId :
PB84302BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	35531		
63	72.2	65.0	97.6	
154	228.9	473.1	709.7#	

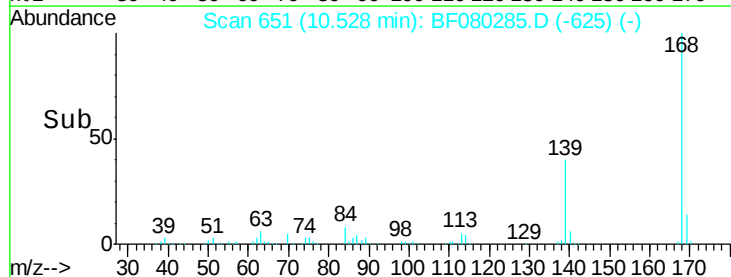
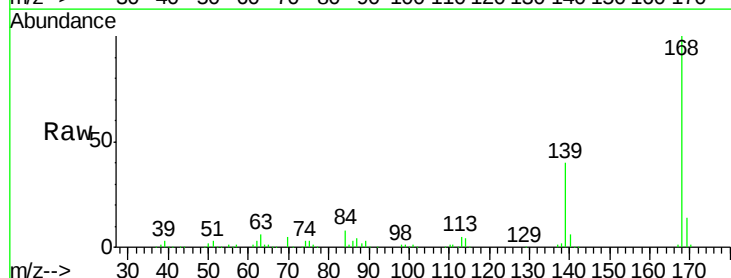
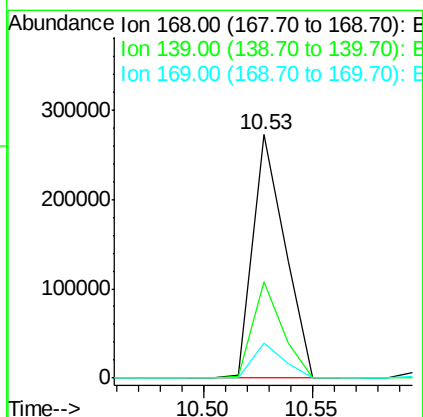
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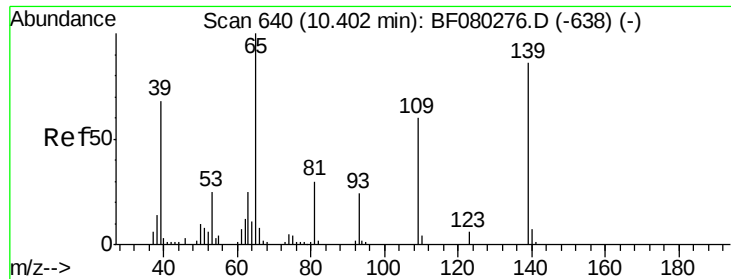
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#54
Dibenzofuran
Concen: 27.91 ng
RT: 10.53 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF080285.D
Acq: 1 Jul 2015 22:36

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	279215		
139	39.8	31.5	47.3	
169	14.1	11.0	16.4	





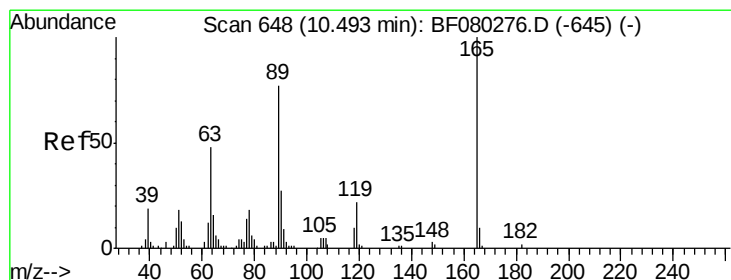
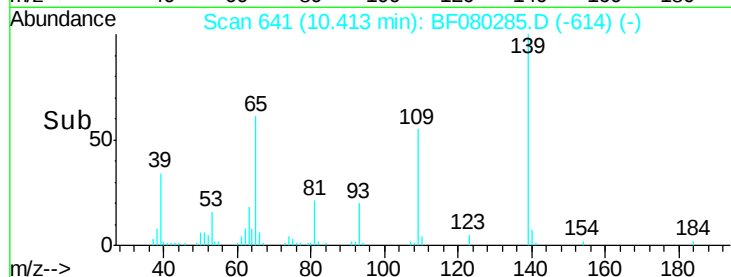
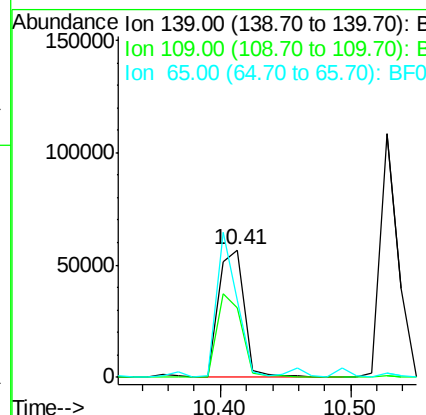
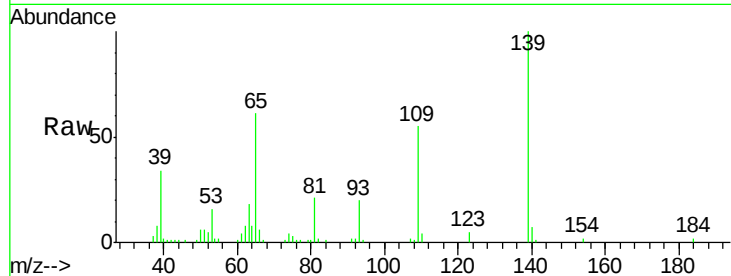
#55
4-Nitrophenol
Concen: 54.99 ng
RT: 10.41 min Scan# 641
Delta R.T. 0.01 min
Lab File: BF080285.D
Acq: 1 Jul 2015 22:36

Instrument :
BNA_F
ClientSampleId :
PB84302BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	78415		
109	54.5	50.2	90.2	
65	60.8	96.7	136.7	

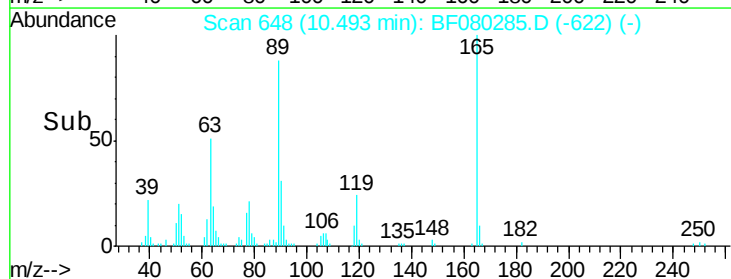
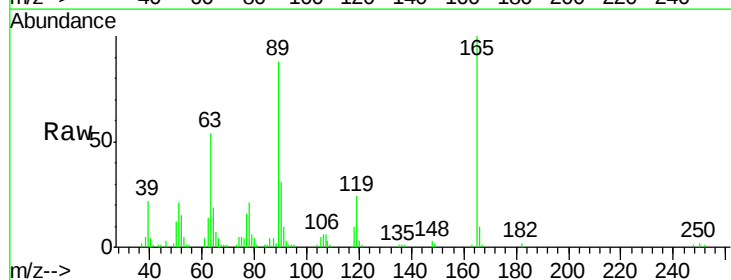
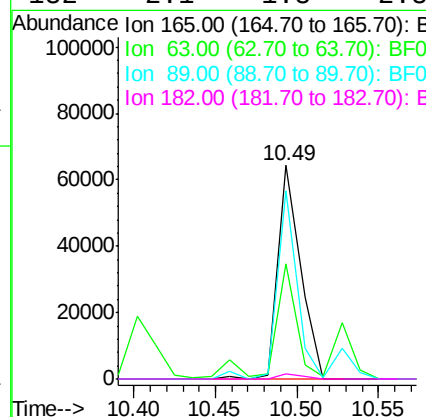
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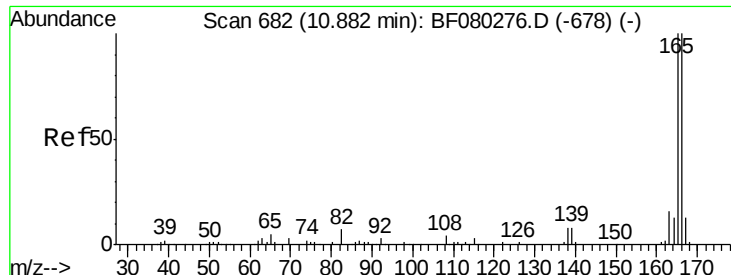
apatel
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#56
2,4-Dinitrotoluene
Concen: 28.47 ng
RT: 10.49 min Scan# 648
Delta R.T. -0.00 min
Lab File: BF080285.D
Acq: 1 Jul 2015 22:36

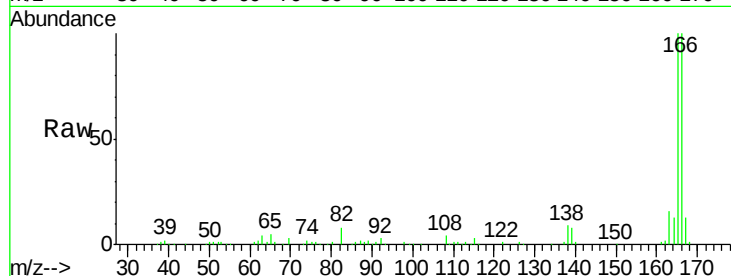
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	62091		
63	53.8	38.7	58.1	
89	88.0	62.0	93.0	
182	2.1	1.8	2.8	





#57
Fluorene
 Concen: 27.44 ng
 RT: 10.88 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF080285.D
 Acq: 1 Jul 2015 22:36

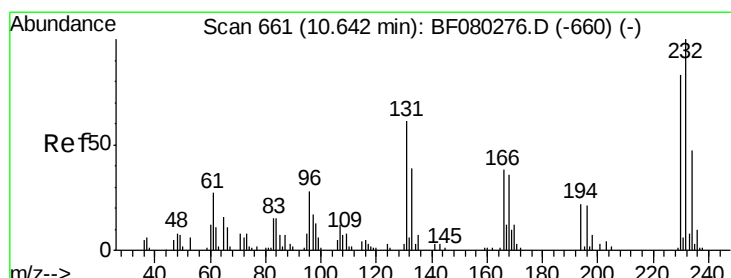
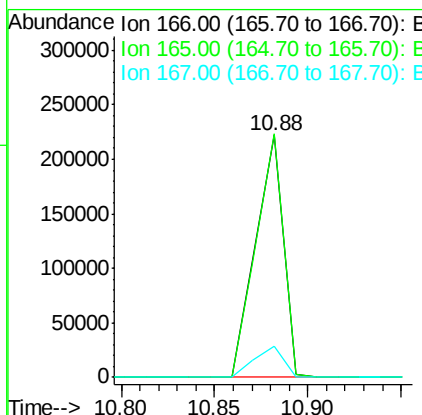
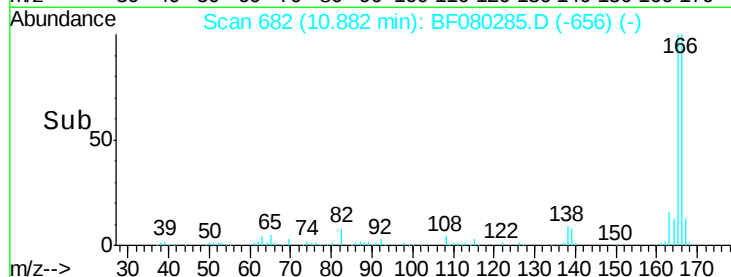
Instrument :
 BNA_F
 ClientSampleId :
 PB84302BS



Tgt Ion	Ratio	Resp	Lower	Upper
166	100	227698		
165	100.5	79.9	119.9	
167	12.9	10.3	15.5	

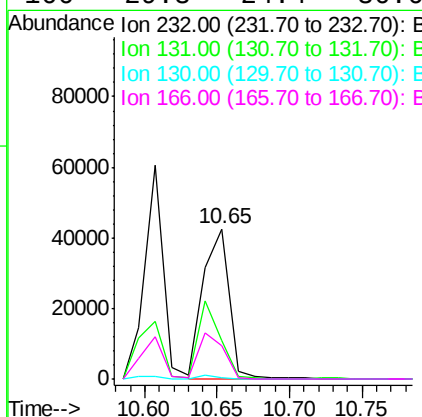
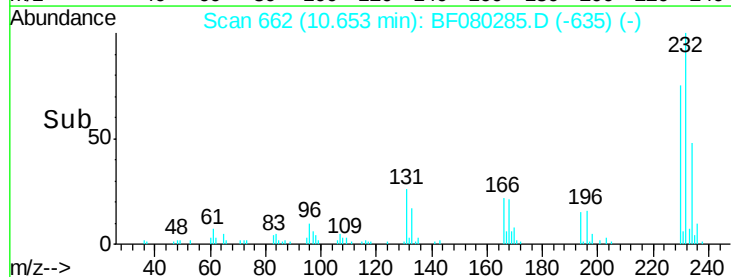
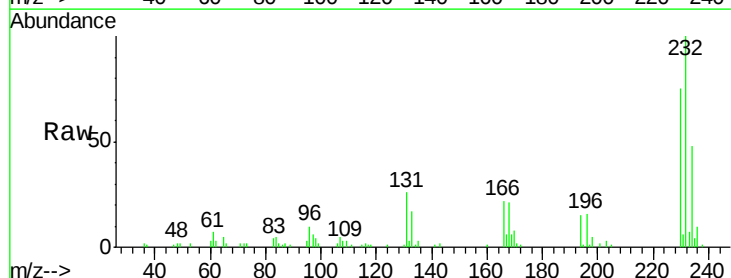
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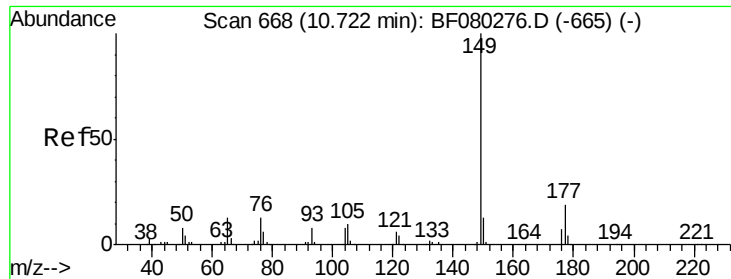
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 28.29 ng
 RT: 10.65 min Scan# 662
 Delta R.T. 0.01 min
 Lab File: BF080285.D
 Acq: 1 Jul 2015 22:36

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	53882		
131	43.7	37.0	55.6	
130	2.0	1.5	2.3	
166	29.3	24.4	36.6	





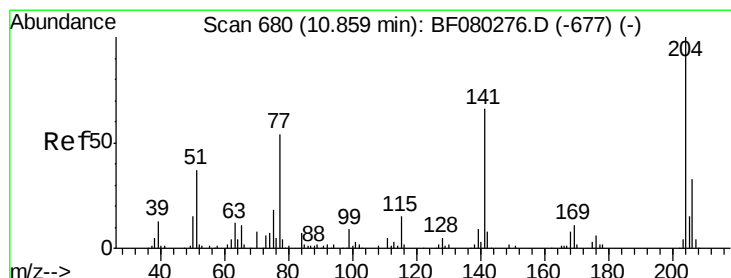
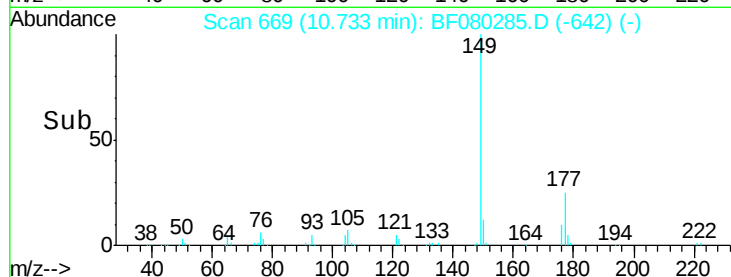
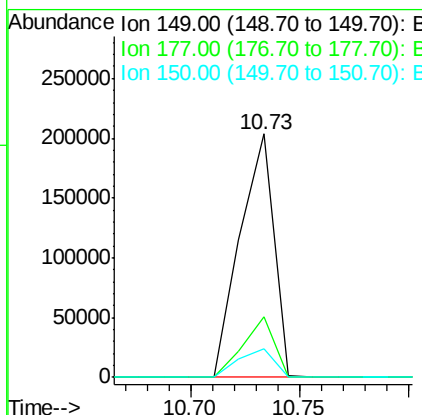
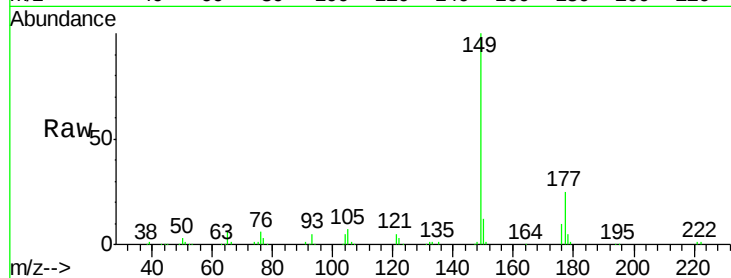
#59
Diethylphthalate
Concen: 27.99 ng
RT: 10.73 min Scan# 669
Delta R.T. 0.01 min
Lab File: BF080285.D
Acq: 1 Jul 2015 22:36

Instrument :
BNA_F
ClientSampleId :
PB84302BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	24.9	15.4	23.0#
150	11.5	10.5	15.7

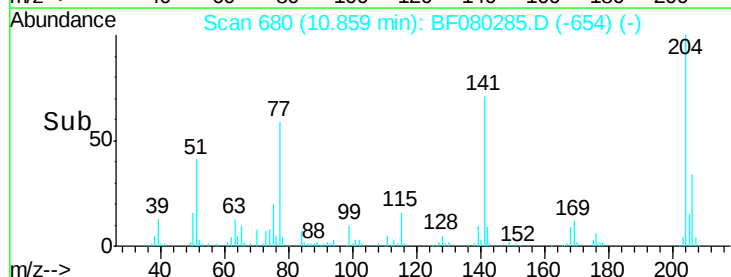
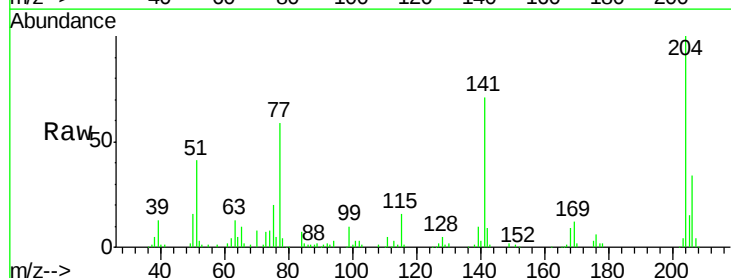
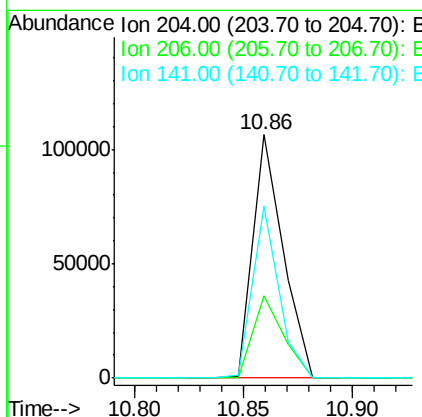
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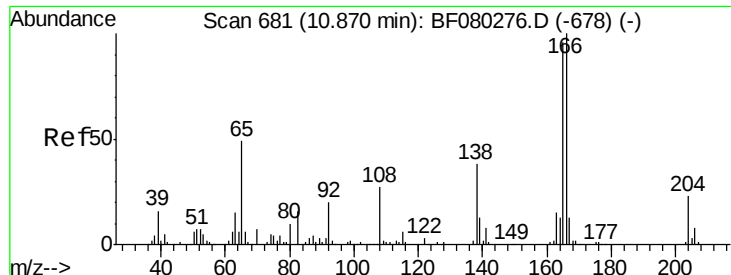
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#60
4-Chlorophenyl-phenylether
Concen: 27.43 ng
RT: 10.86 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF080285.D
Acq: 1 Jul 2015 22:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	33.6	26.5	39.7
141	70.5	52.5	78.7





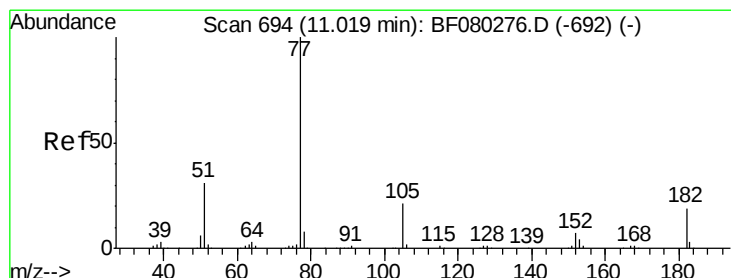
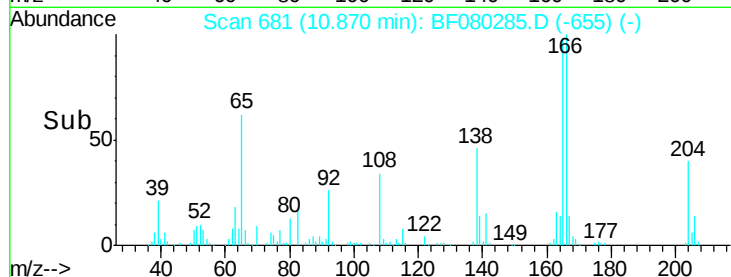
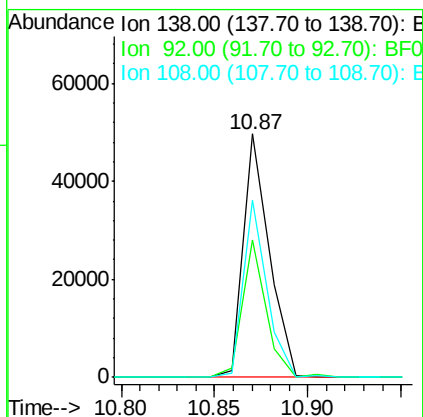
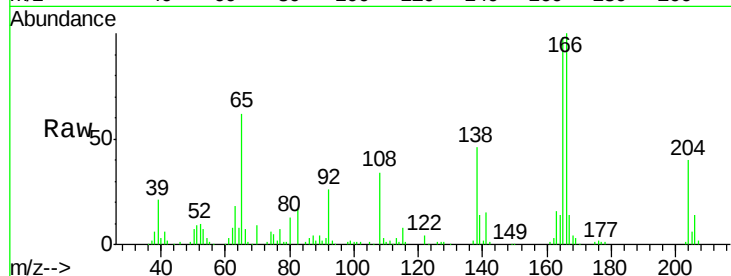
#61
4-Nitroaniline
Concen: 24.63 ng
RT: 10.87 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF080285.D
Acq: 1 Jul 2015 22:36

Instrument :
BNA_F
ClientSampleId :
PB84302BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	48297		
92	56.7	32.7	72.7	
108	72.6	49.6	89.6	

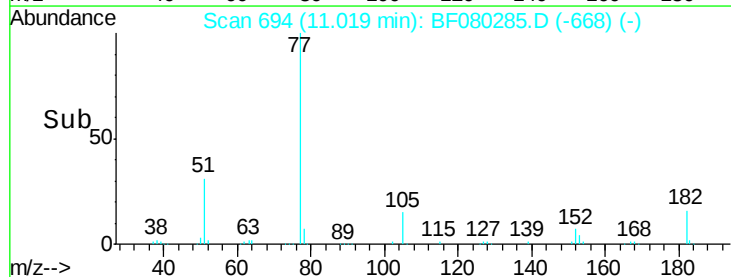
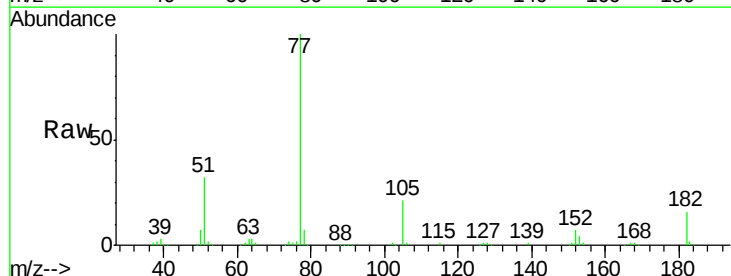
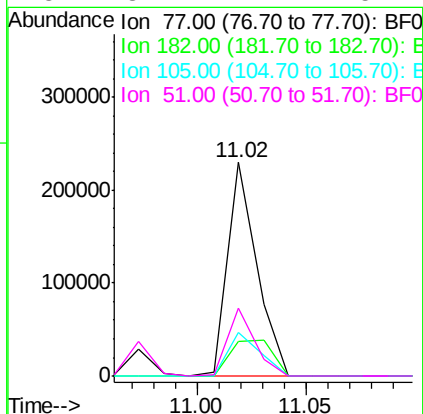
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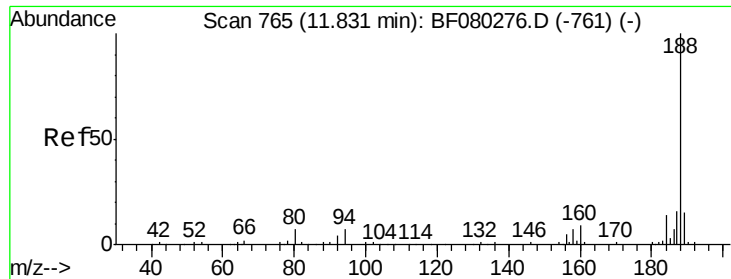
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#62
Azobenzene
Concen: 26.62 ng
RT: 11.02 min Scan# 694
Delta R.T. -0.00 min
Lab File: BF080285.D
Acq: 1 Jul 2015 22:36

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	214071		
182	16.0	0.0	38.9	
105	20.5	1.3	41.3	
51	32.1	11.1	51.1	





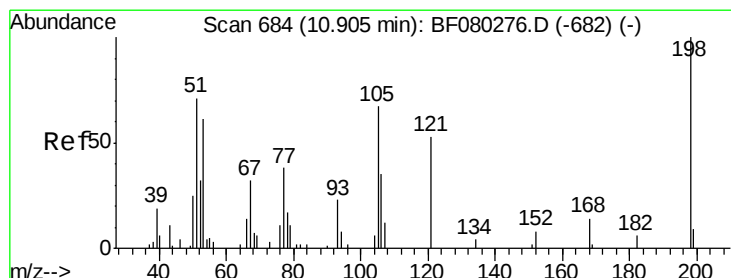
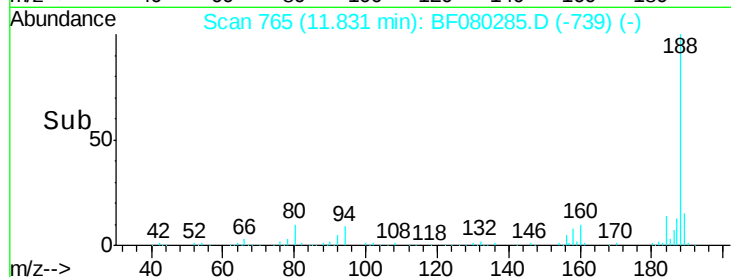
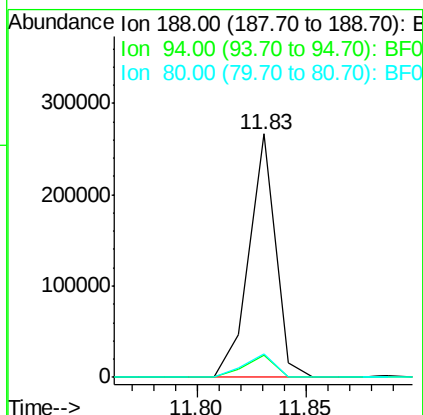
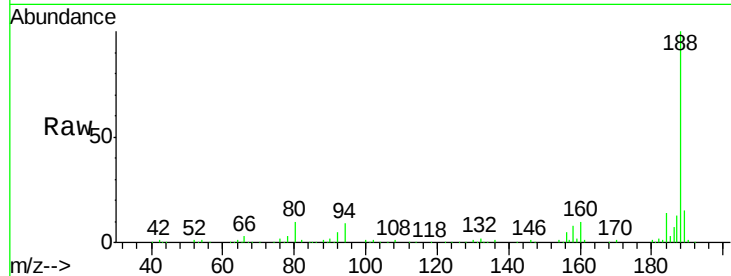
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.83 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BF080285.D
 Acq: 1 Jul 2015 22:36

Instrument :
 BNA_F
 ClientSampleId :
 PB84302BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.9	5.4	8.0#
80	9.5	5.8	8.6#

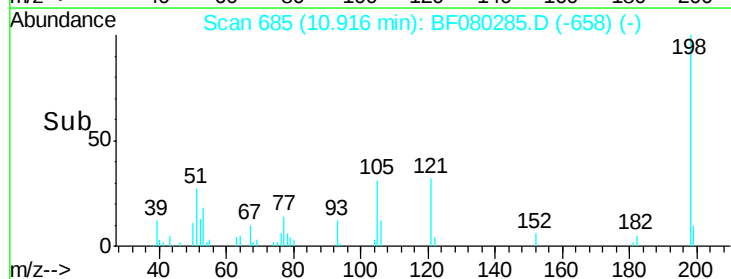
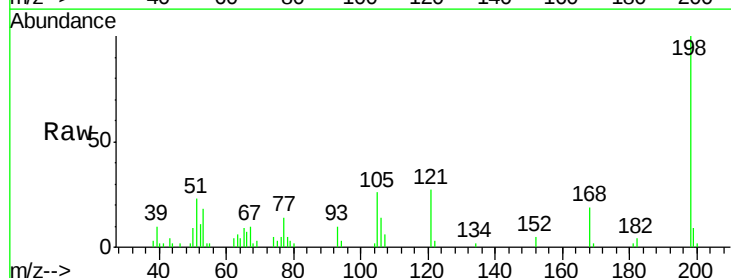
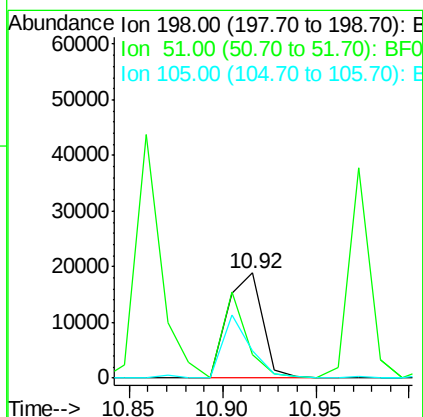
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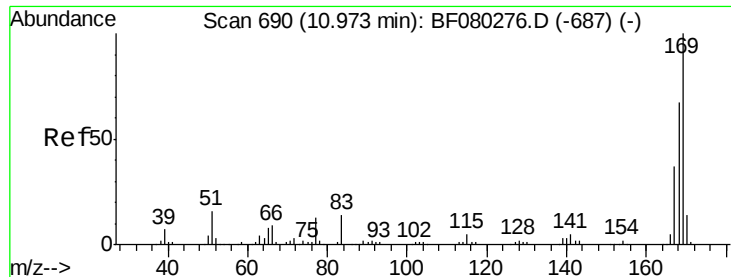
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 32.36 ng
 RT: 10.92 min Scan# 685
 Delta R.T. 0.01 min
 Lab File: BF080285.D
 Acq: 1 Jul 2015 22:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	22.9	63.7	103.7#
105	26.4	46.9	86.9#





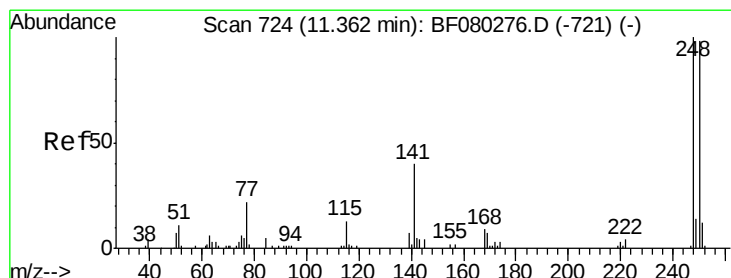
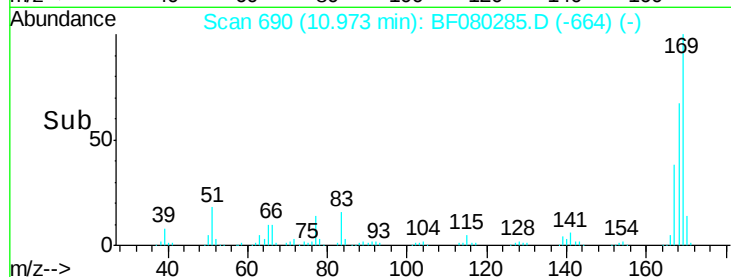
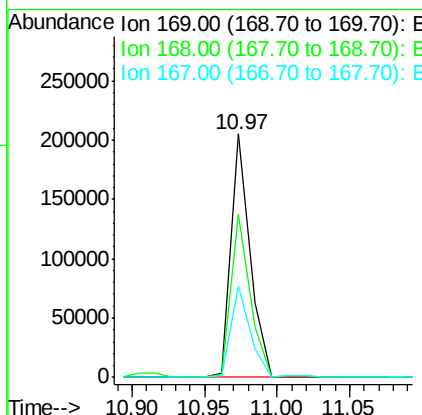
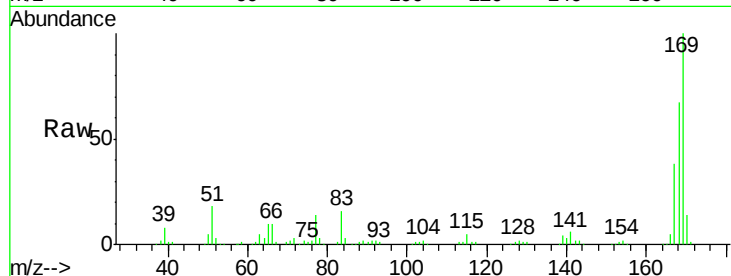
#65
 n-Nitrosodiphenylamine
 Concen: 25.12 ng
 RT: 10.97 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: BF080285.D
 Acq: 1 Jul 2015 22:36

Instrument :
 BNA_F
 ClientSampleId :
 PB84302BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	187043		
168	67.1	53.6	80.4	
167	37.5	29.9	44.9	

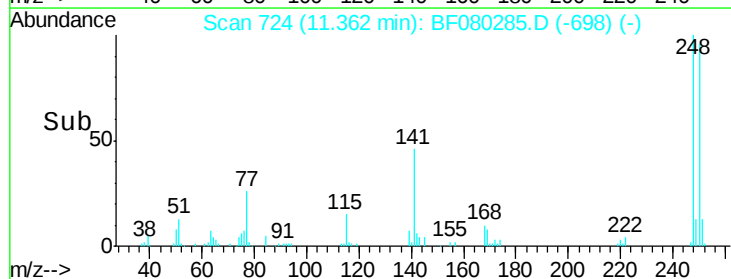
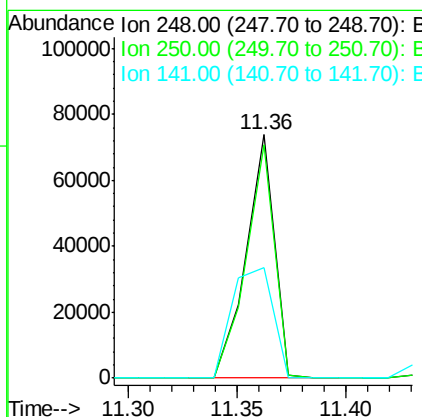
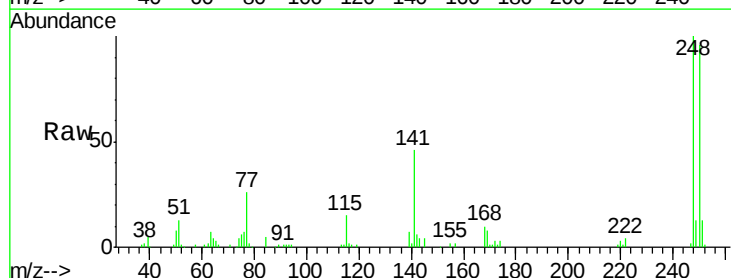
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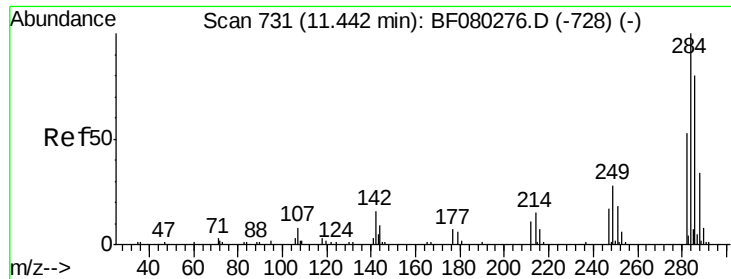
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#66
 4-Bromophenyl-phenylether
 Concen: 27.23 ng
 RT: 11.36 min Scan# 724
 Delta R.T. 0.00 min
 Lab File: BF080285.D
 Acq: 1 Jul 2015 22:36

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	66704		
250	95.7	78.2	117.4	
141	45.6	31.9	47.9	





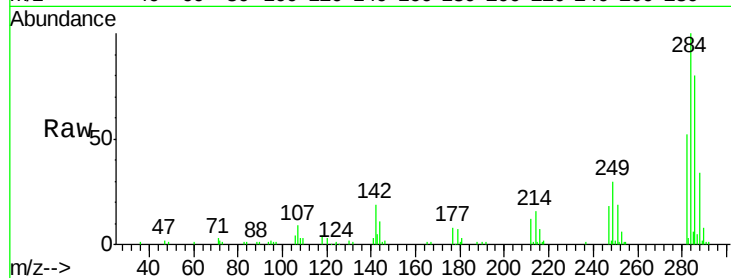
#67
Hexachlorobenzene
Concen: 26.12 ng
RT: 11.44 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF080285.D
Acq: 1 Jul 2015 22:36

Instrument :
BNA_F
ClientSampleId :
PB84302BS

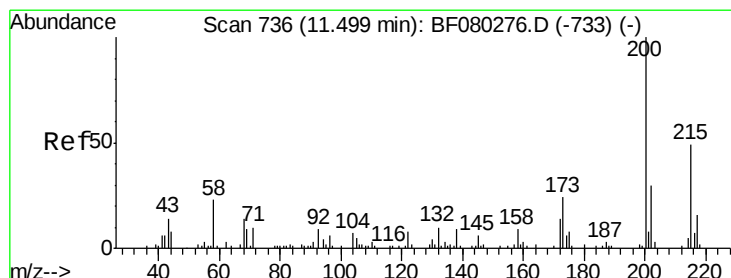
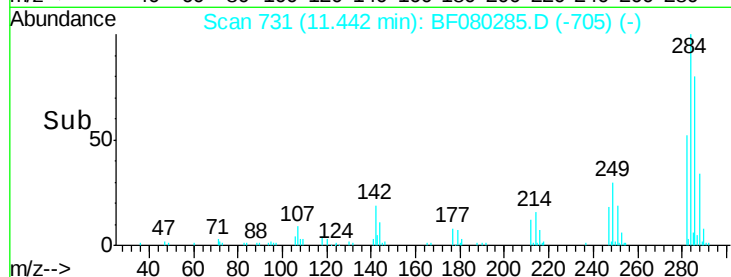
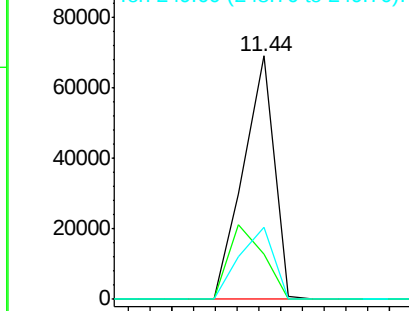
Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	18.7	12.5	18.7
249	29.8	22.4	33.6

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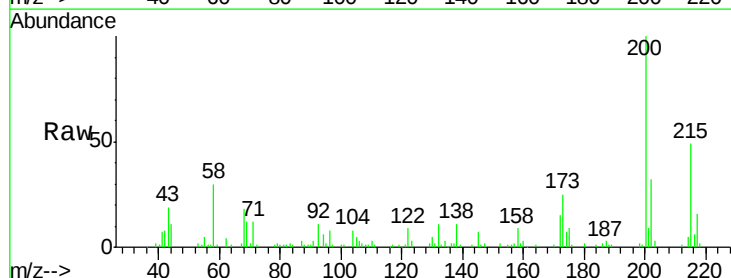


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

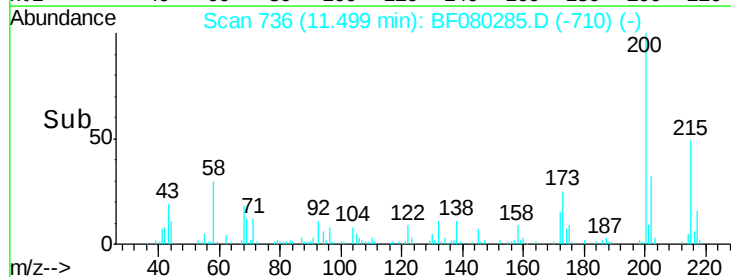
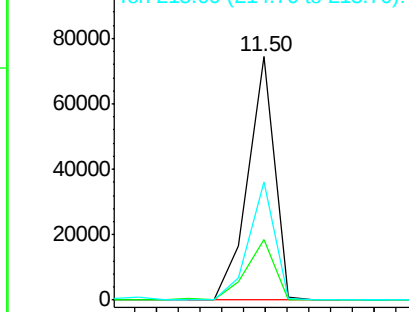


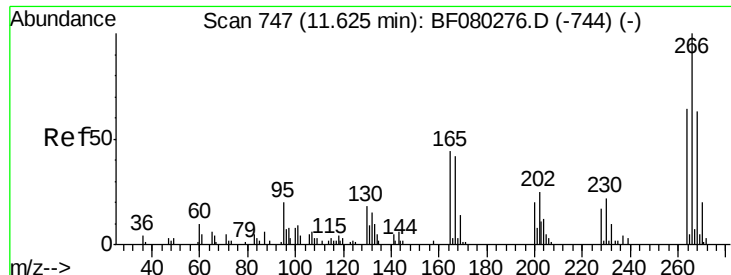
#68
Atrazine
Concen: 27.92 ng
RT: 11.50 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF080285.D
Acq: 1 Jul 2015 22:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.1	3.5	43.5
215	48.6	28.6	68.6



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





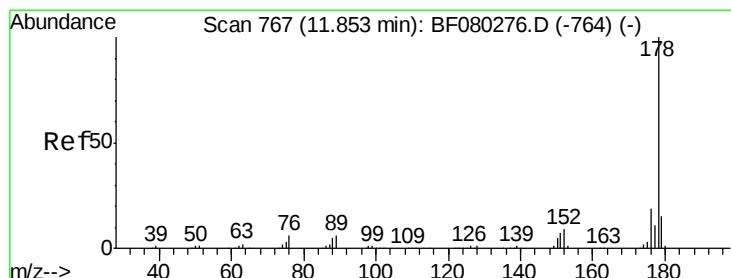
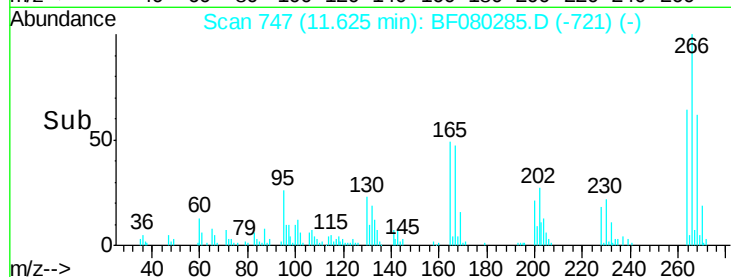
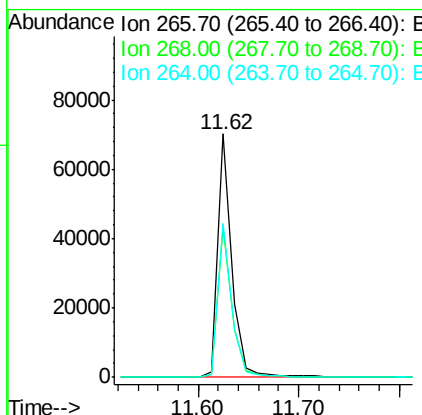
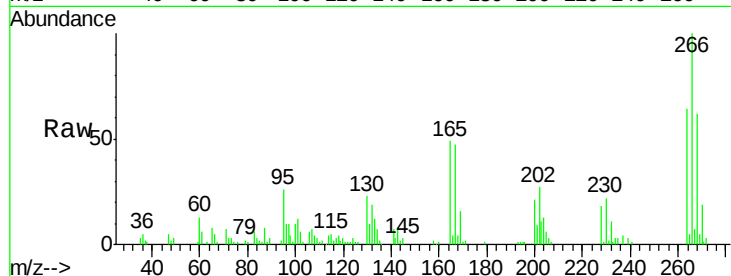
#69
 Pentachlorophenol
 Concen: 50.56 ng
 RT: 11.62 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF080285.D
 Acq: 1 Jul 2015 22:36

Instrument :
 BNA_F
 ClientSampleId :
 PB84302BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	68235		
268	61.8		50.7	76.1
264	63.5		51.3	76.9

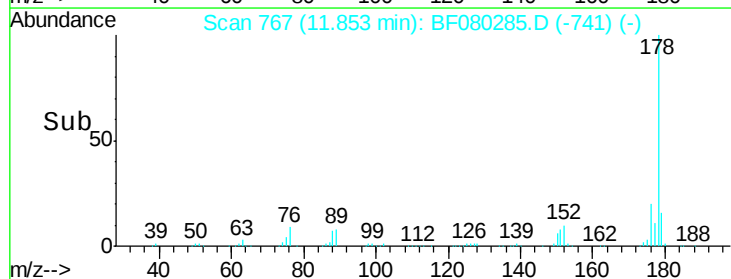
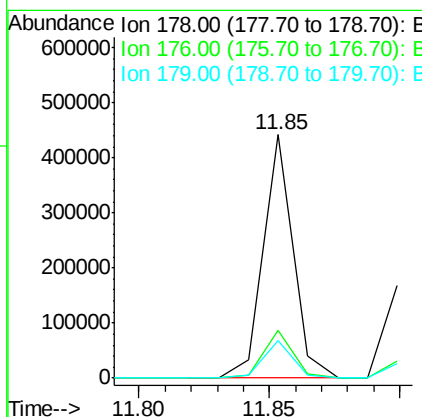
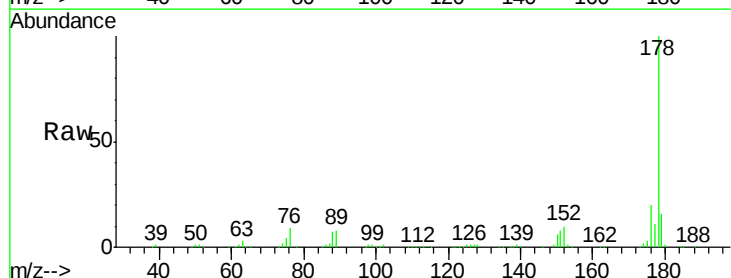
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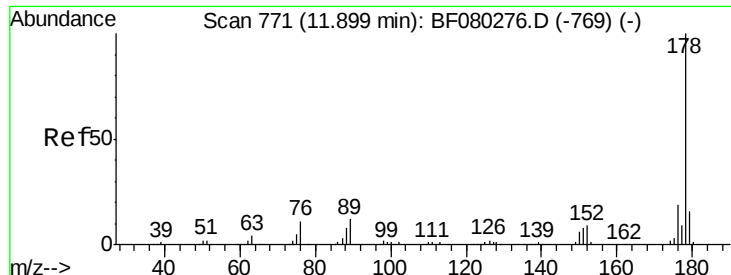
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#70
 Phenanthrene
 Concen: 26.02 ng
 RT: 11.85 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BF080285.D
 Acq: 1 Jul 2015 22:36

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	353317		
176	19.7		15.6	23.4
179	15.7		12.2	18.2





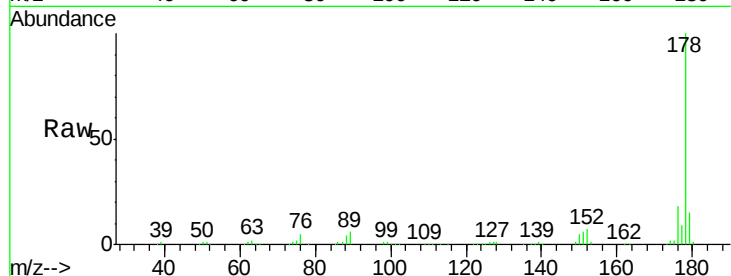
#71
 Anthracene
 Concen: 27.02 ng
 RT: 11.91 min Scan# 772
 Delta R.T. 0.01 min
 Lab File: BF080285.D
 Acq: 1 Jul 2015 22:36

Instrument :
 BNA_F
 ClientSampleId :
 PB84302BS

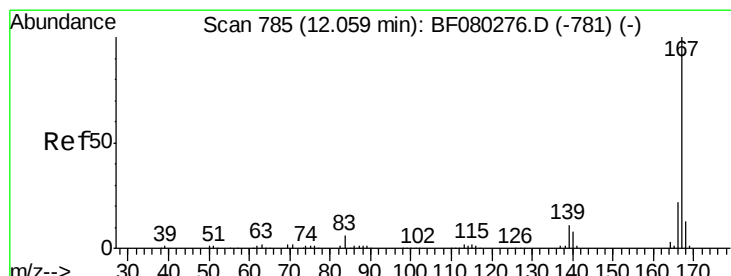
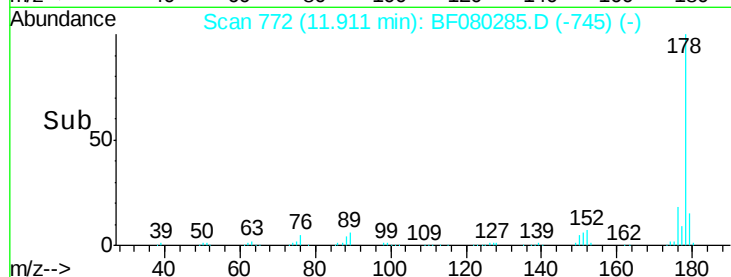
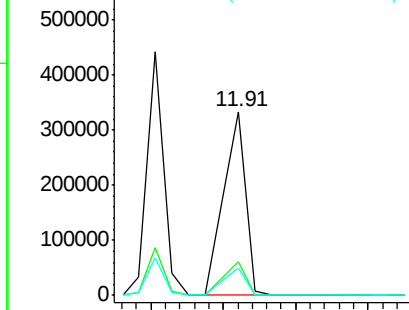
Tgt Ion	Ratio	Resp	Lower	Upper
178	100	352056		
176	18.3	15.2	22.8	
179	14.6	12.6	18.8	

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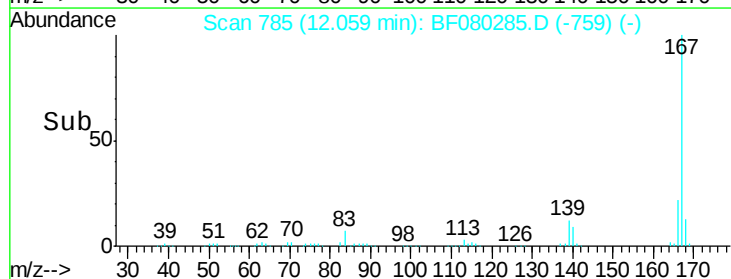
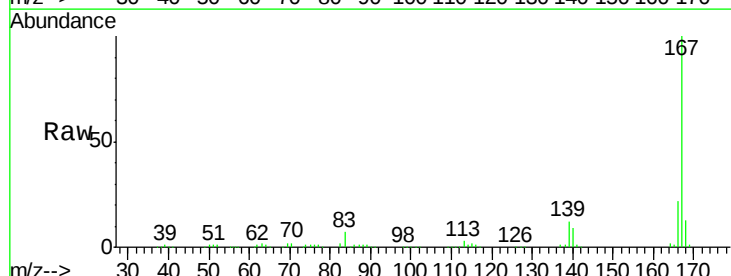
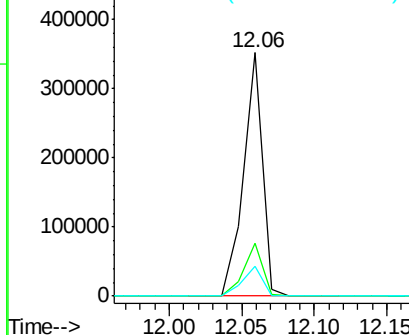
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

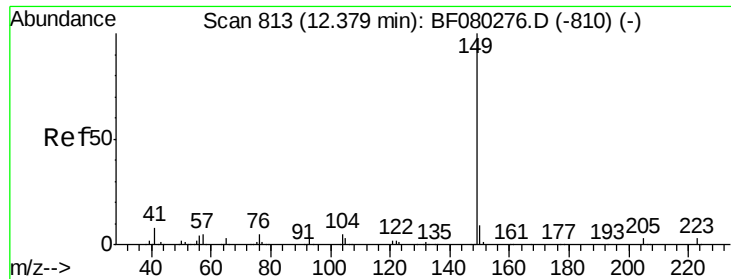


#72
 Carbazole
 Concen: 26.11 ng
 RT: 12.06 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF080285.D
 Acq: 1 Jul 2015 22:36

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	318082		
166	21.7	17.3	25.9	
139	12.1	8.6	13.0	

Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





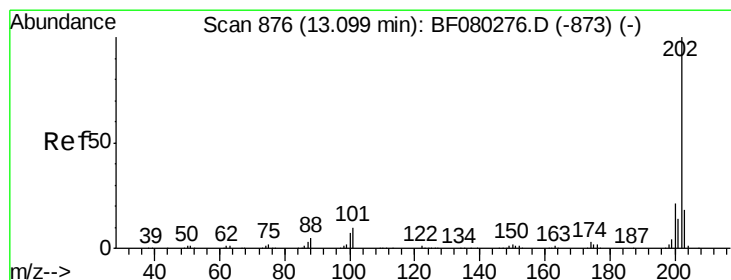
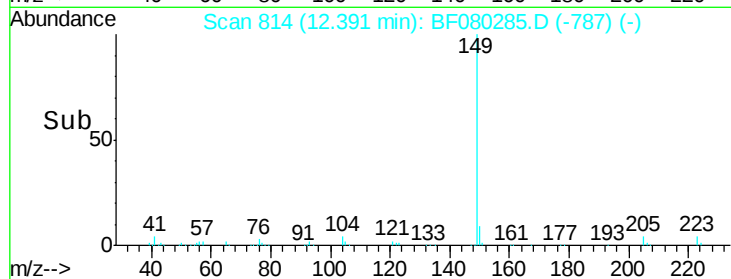
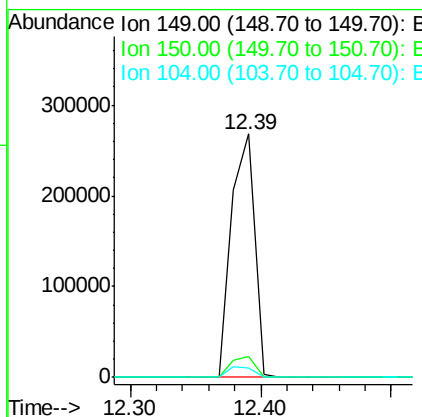
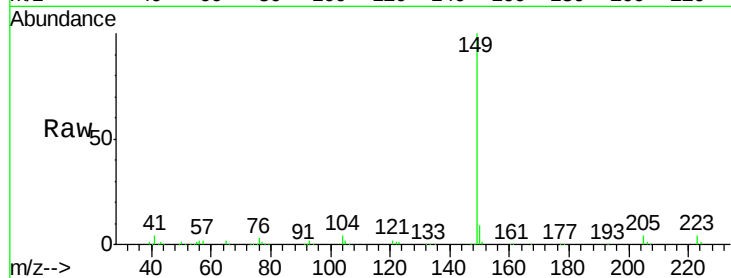
#73
Di-n-butylphthalate
Concen: 25.15 ng
RT: 12.39 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF080285.D
Acq: 1 Jul 2015 22:36

Instrument :
BNA_F
ClientSampleId :
PB84302BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
150	8.6	7.4	11.0
104	3.6	3.7	5.5#

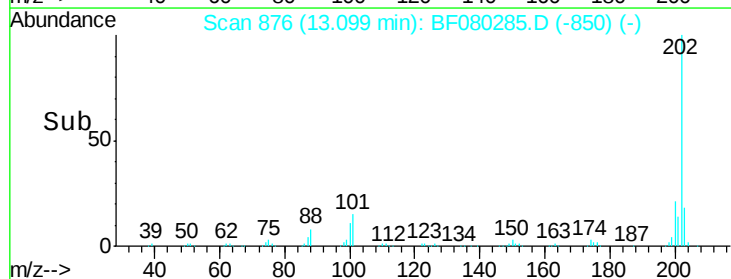
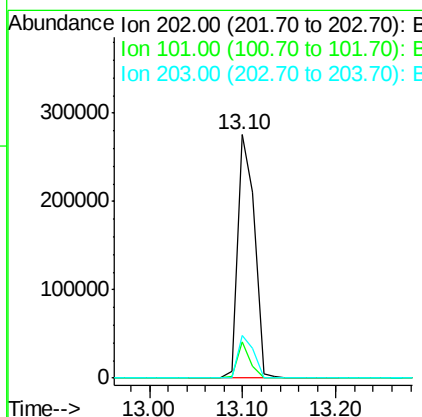
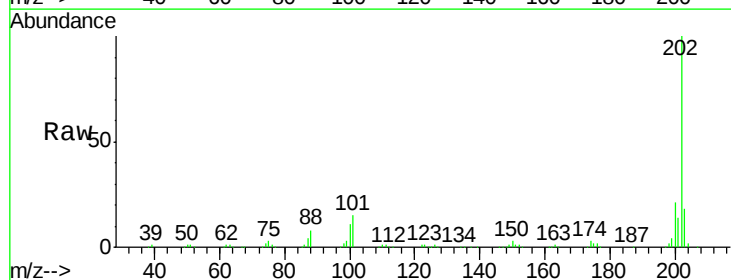
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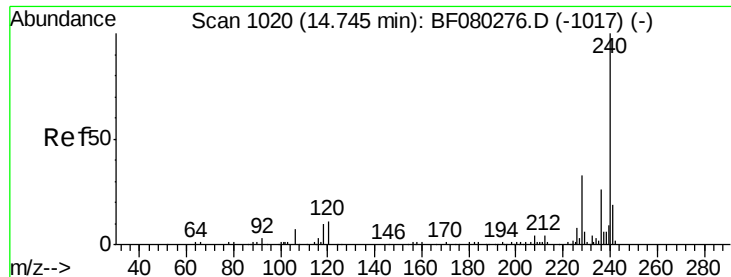
apatel
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#74
Fluoranthene
Concen: 24.65 ng
RT: 13.10 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF080285.D
Acq: 1 Jul 2015 22:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.9	0.0	30.4
203	17.7	0.0	37.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.76 min Scan# 1021

Delta R.T. 0.01 min

Lab File: BF080285.D

Acq: 1 Jul 2015 22:36

Instrument :

BNA_F

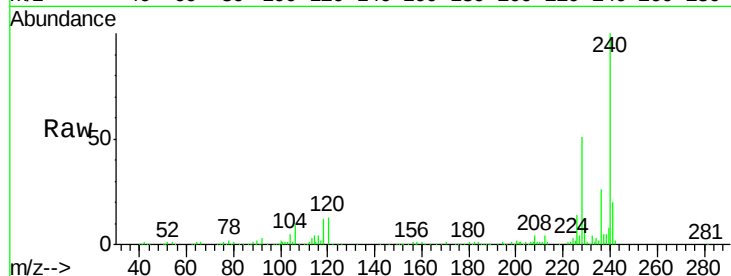
ClientSampleId :

PB84302BS

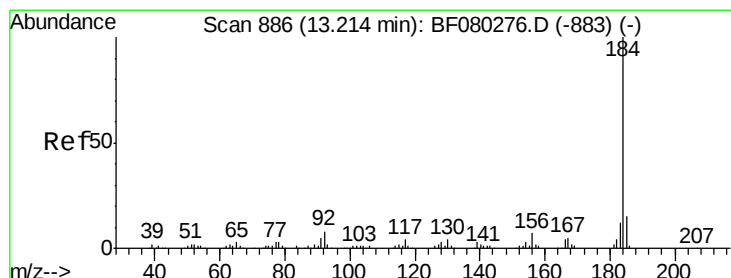
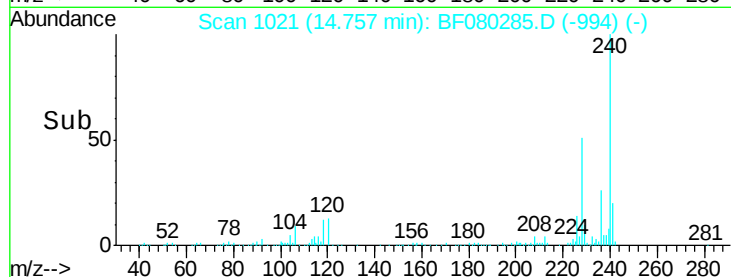
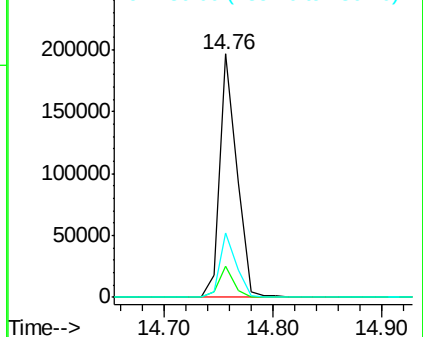
Tgt Ion:	240	Resp:	216085
Ion Ratio	Lower	Upper	
240	100		
120	12.6	8.7	13.1
236	26.3	20.9	31.3

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 30.92 ng

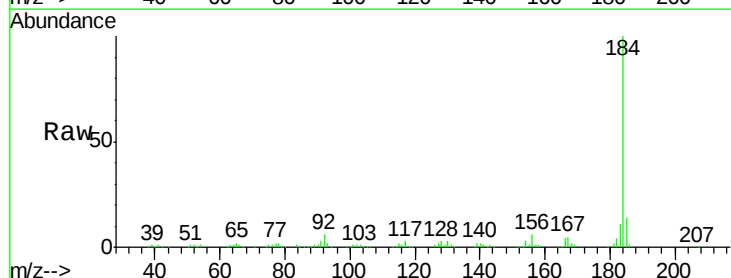
RT: 13.22 min Scan# 887

Delta R.T. 0.01 min

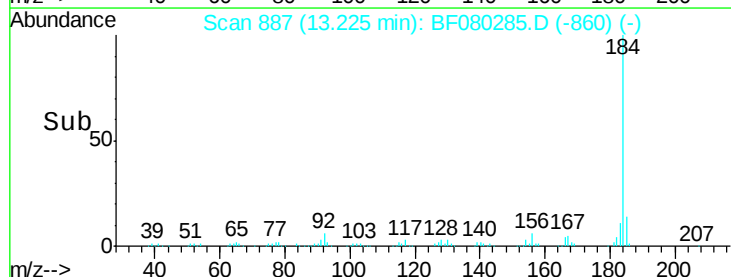
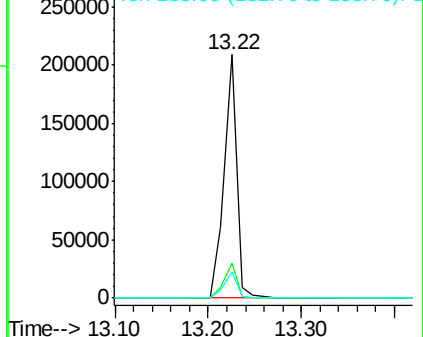
Lab File: BF080285.D

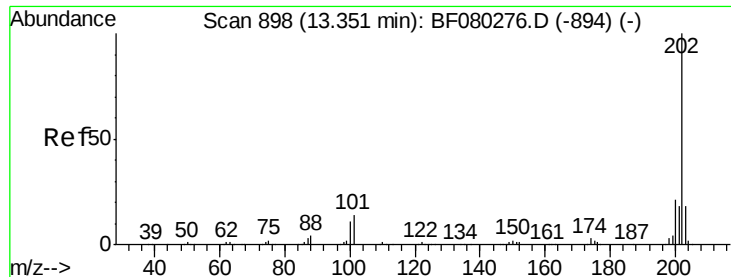
Acq: 1 Jul 2015 22:36

Tgt Ion:	184	Resp:	195680
Ion Ratio	Lower	Upper	
184	100		
185	14.5	11.8	17.6
183	10.9	9.4	14.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 27.10 ng

RT: 13.36 min Scan# 899

Delta R.T. 0.01 min

Lab File: BF080285.D

Acq: 1 Jul 2015 22:36

Instrument :

BNA_F

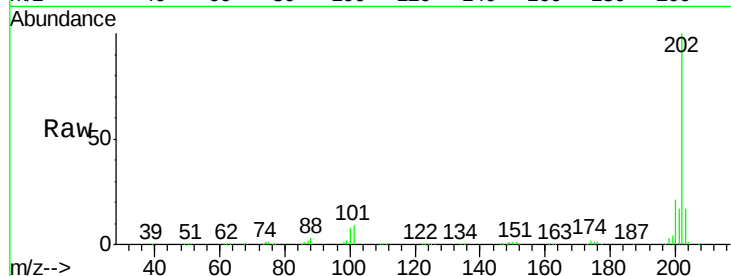
ClientSampleId :

PB84302BS

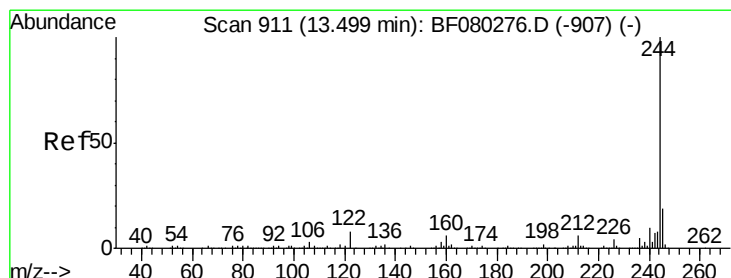
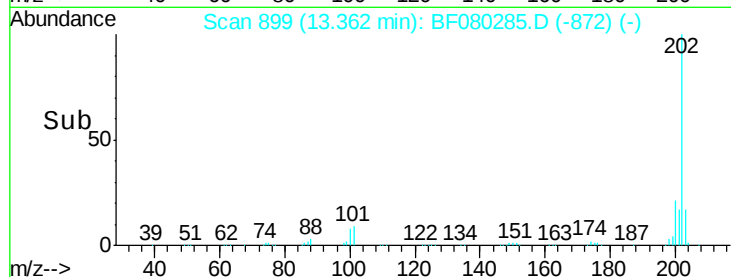
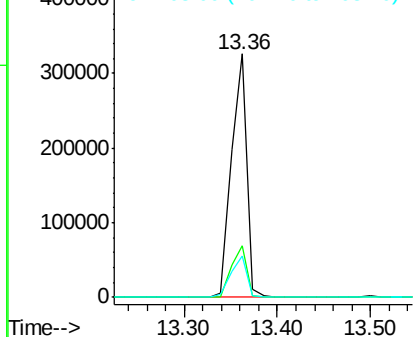
Tgt	Ion	202	Resp:	374859
Ion	Ratio	Lower	Upper	
202	100			
200	21.2	17.0	25.6	
203	17.1	14.0	21.0	

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



#78

Terphenyl-d14

Concen: 51.72 ng

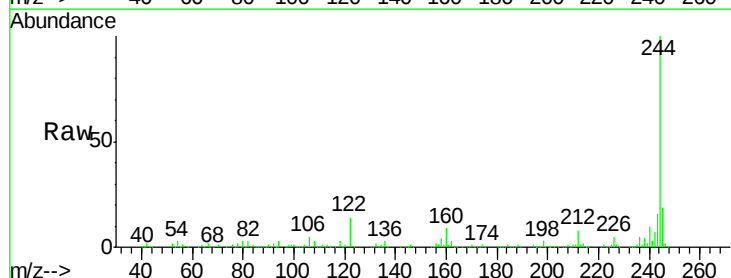
RT: 13.50 min Scan# 911

Delta R.T. 0.00 min

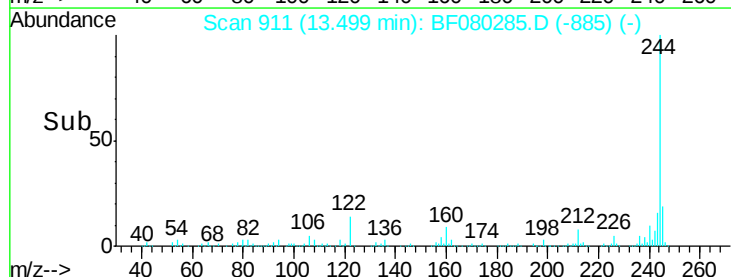
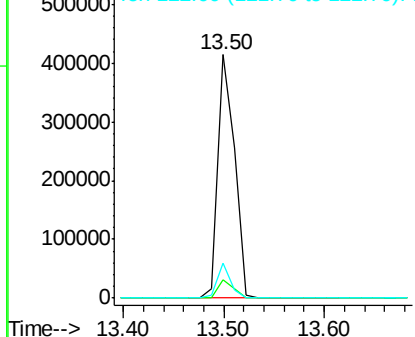
Lab File: BF080285.D

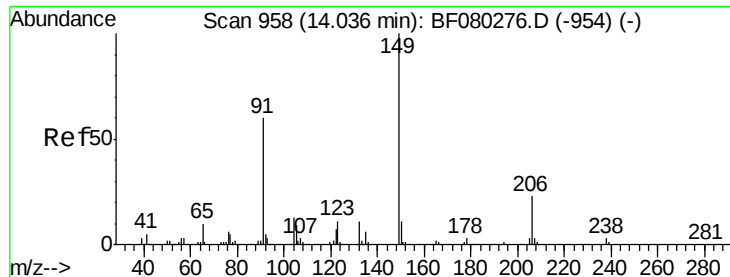
Acq: 1 Jul 2015 22:36

Tgt	Ion	244	Resp:	477133
Ion	Ratio	Lower	Upper	
244	100			
212	7.5	5.0	7.6	
122	14.3	6.6	9.8	



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





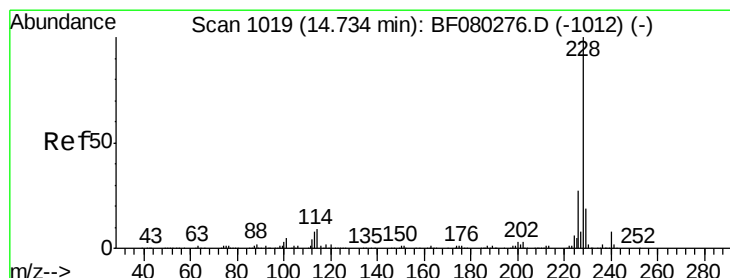
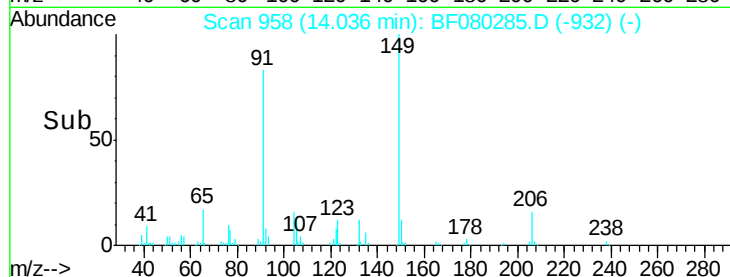
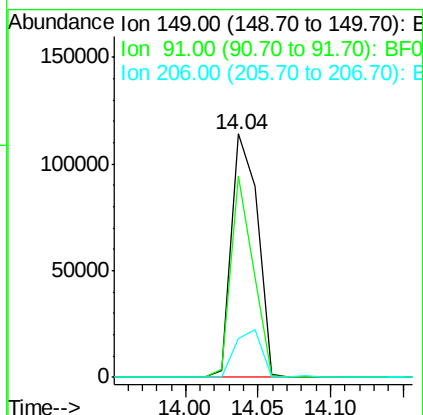
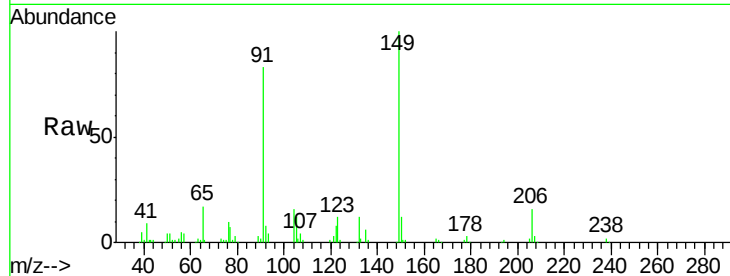
#79
Butylbenzylphthalate
Concen: 26.99 ng
RT: 14.04 min Scan# 958
Delta R.T. 0.00 min
Lab File: BF080285.D
Acq: 1 Jul 2015 22:36

Instrument :
BNA_F
ClientSampleId :
PB84302BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	82.6	48.1	72.1#
206	15.9	18.1	27.1#

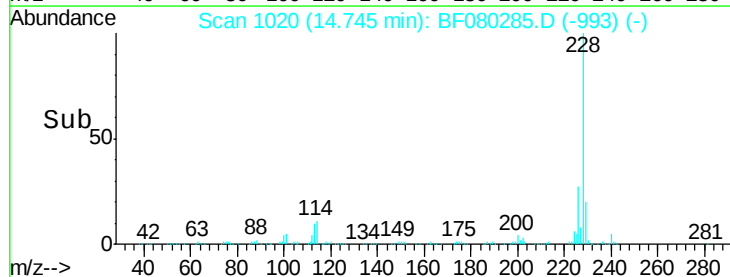
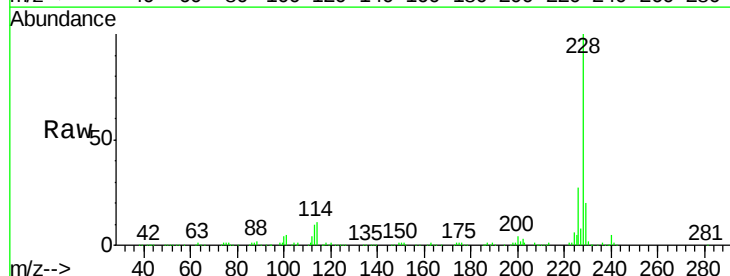
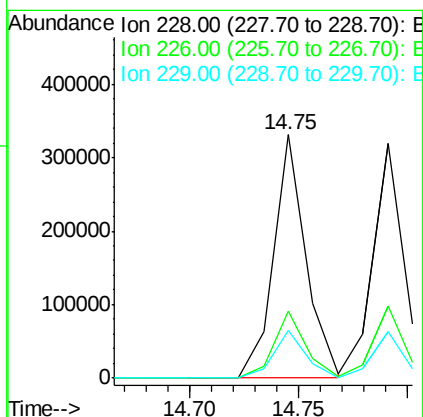
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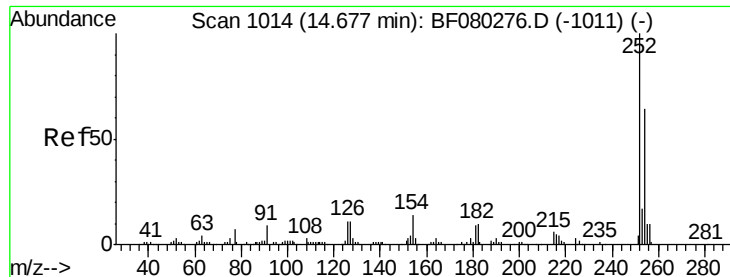
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#80
Benzo(a)anthracene
Concen: 26.37 ng
RT: 14.75 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BF080285.D
Acq: 1 Jul 2015 22:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.3	21.7	32.5
229	19.7	15.5	23.3





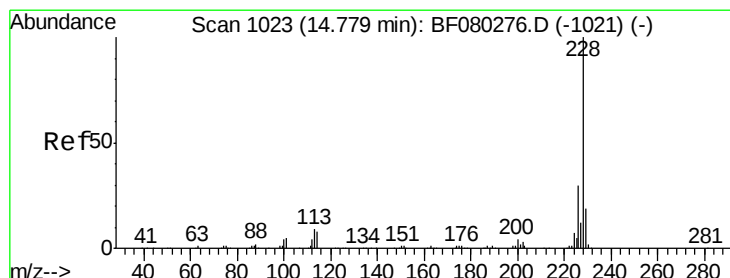
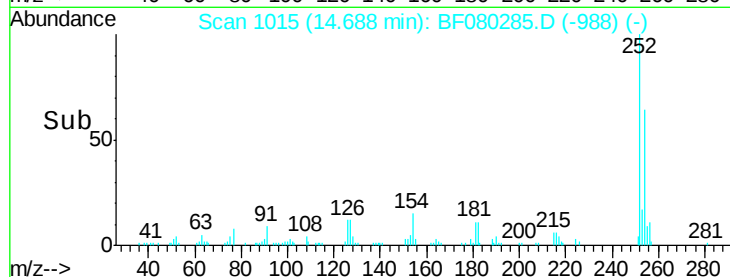
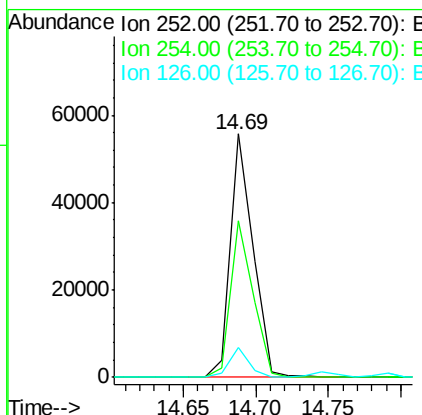
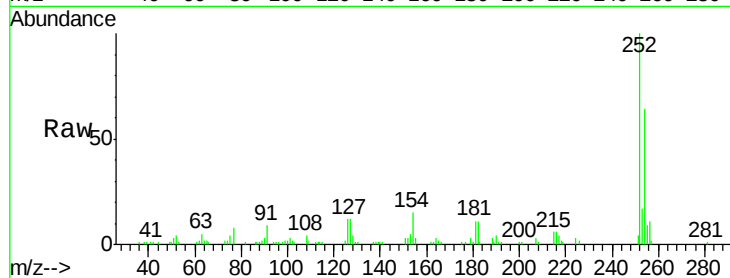
#81
 3,3'-Dichlorobenzidine
 Concen: 14.16 ng
 RT: 14.69 min Scan# 1015
 Delta R.T. 0.01 min
 Lab File: BF080285.D
 Acq: 1 Jul 2015 22:36

Instrument :
 BNA_F
 ClientSampleId :
 PB84302BS

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
254	64.4	50.8	76.2
126	12.1	9.0	13.6

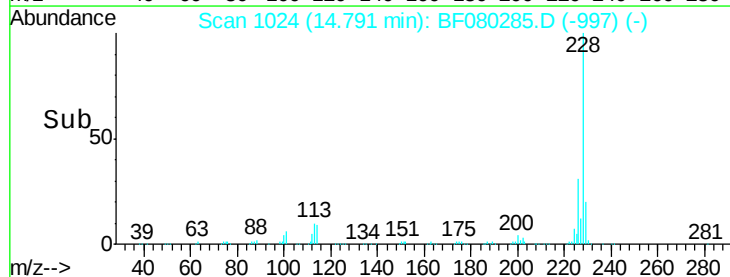
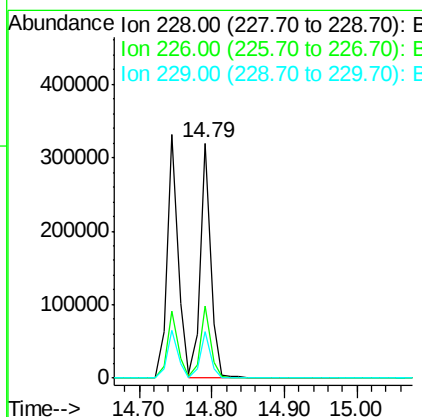
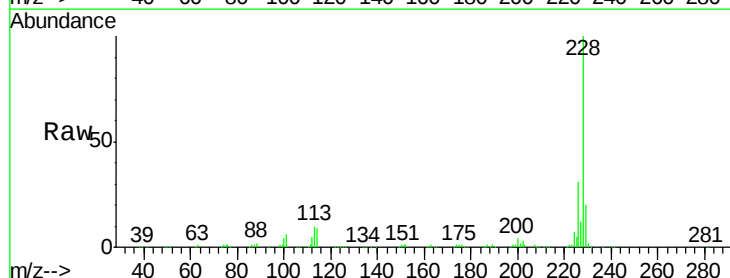
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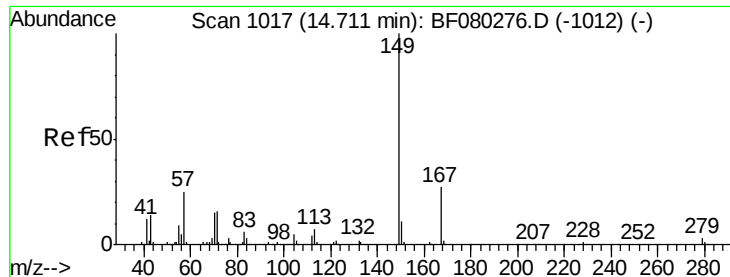
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#82
 Chrysene
 Concen: 26.50 ng
 RT: 14.79 min Scan# 1024
 Delta R.T. 0.01 min
 Lab File: BF080285.D
 Acq: 1 Jul 2015 22:36

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.5	24.0	36.0
229	19.9	15.4	23.0





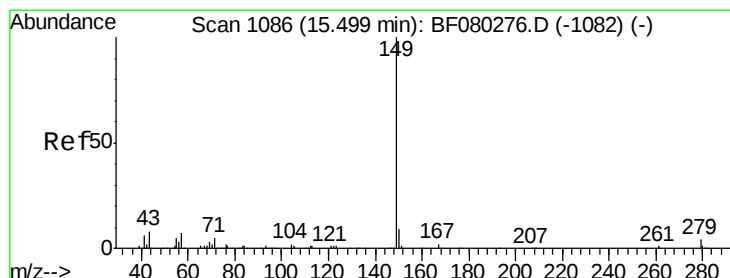
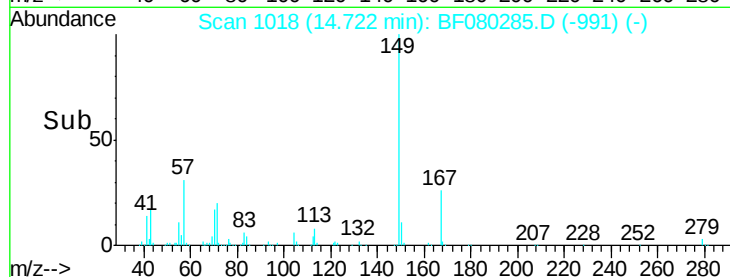
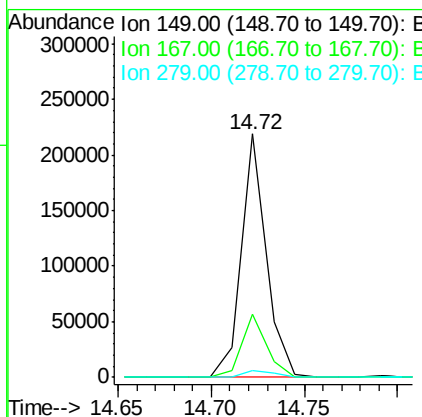
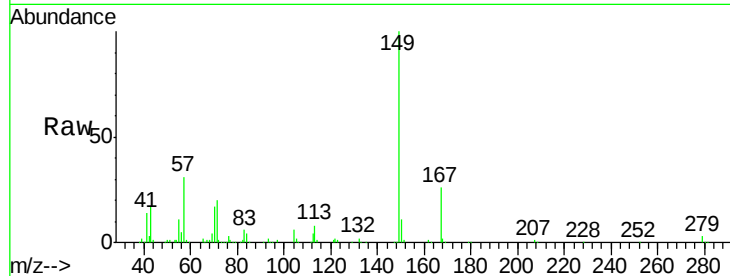
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 27.35 ng
 RT: 14.72 min Scan# 1018
 Delta R.T. 0.01 min
 Lab File: BF080285.D
 Acq: 1 Jul 2015 22:36

Instrument :
 BNA_F
 ClientSampleId :
 PB84302BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	204171		
167	25.9	21.7	32.5	
279	2.8	2.7	4.1	

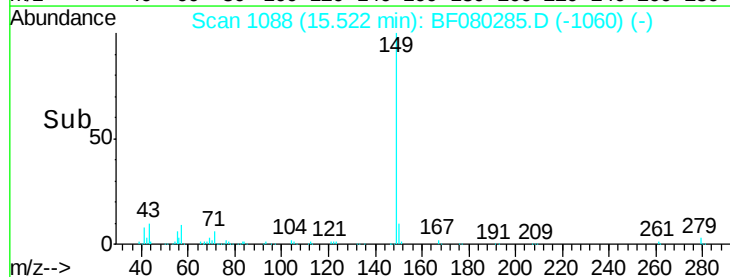
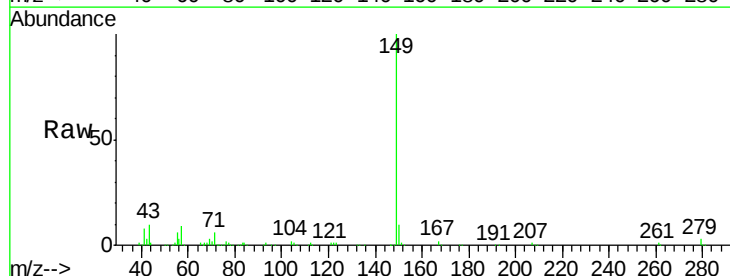
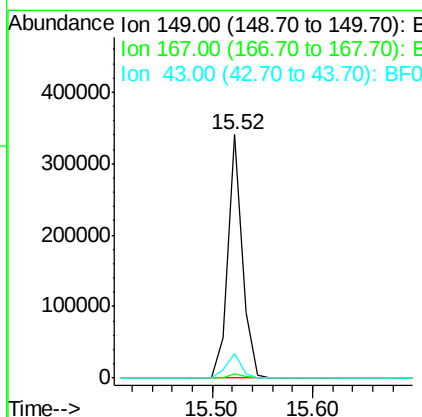
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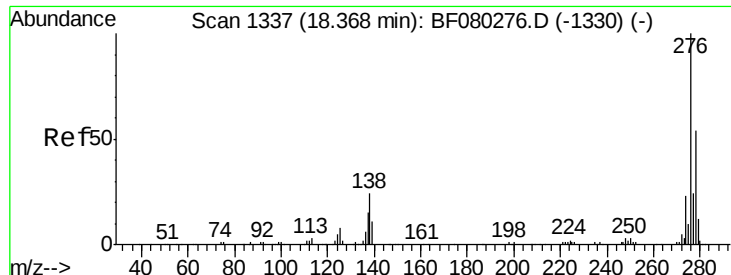
apatel
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#84
 Di-n-octyl phthalate
 Concen: 27.07 ng
 RT: 15.52 min Scan# 1088
 Delta R.T. 0.02 min
 Lab File: BF080285.D
 Acq: 1 Jul 2015 22:36

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	340514		
167	1.5	1.2	1.8	
43	11.1	8.3	12.5	





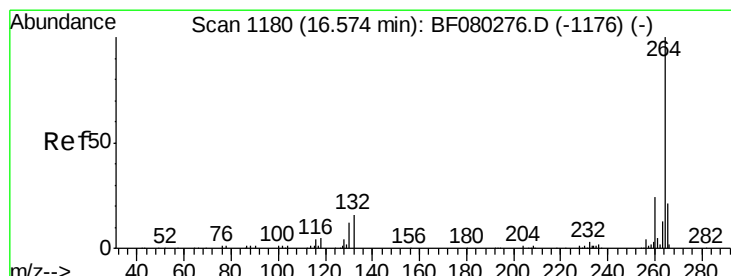
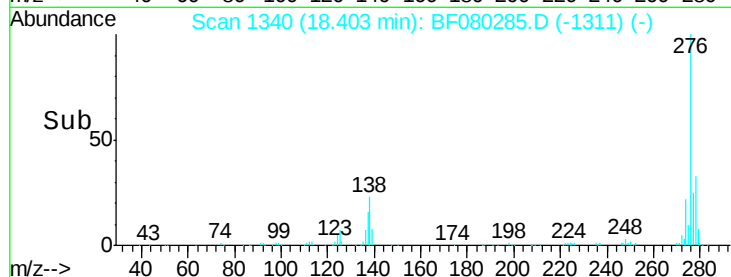
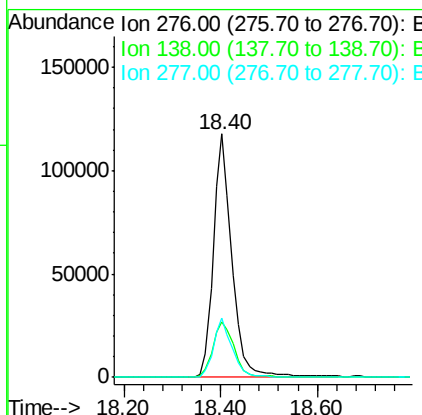
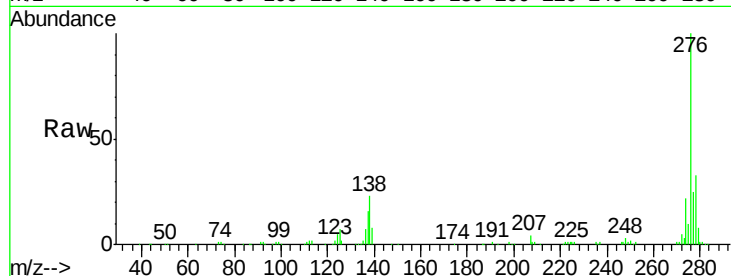
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 23.65 ng
 RT: 18.40 min Scan# 1340
 Delta R.T. 0.03 min
 Lab File: BF080285.D
 Acq: 1 Jul 2015 22:36

Instrument :
 BNA_F
 ClientSampleId :
 PB84302BS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	320116		
138	25.8	21.0	31.6	
277	24.4	19.4	29.0	

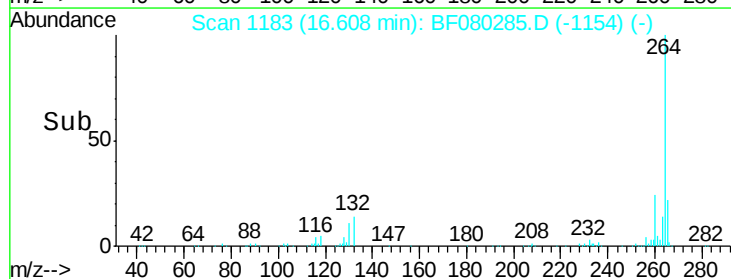
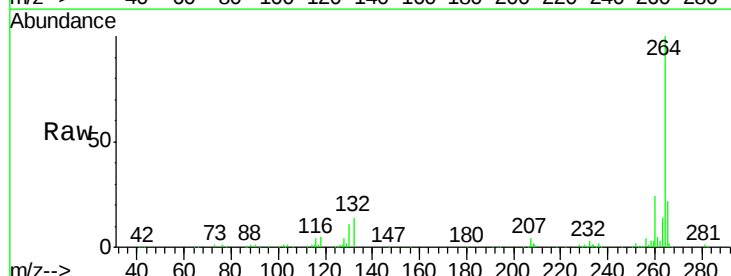
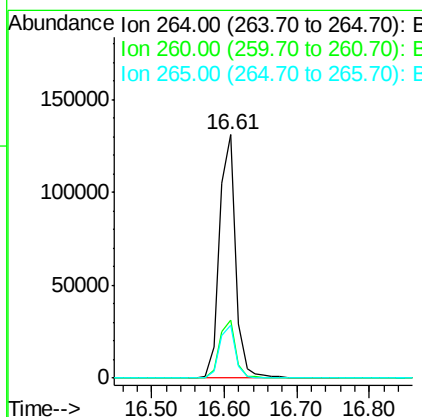
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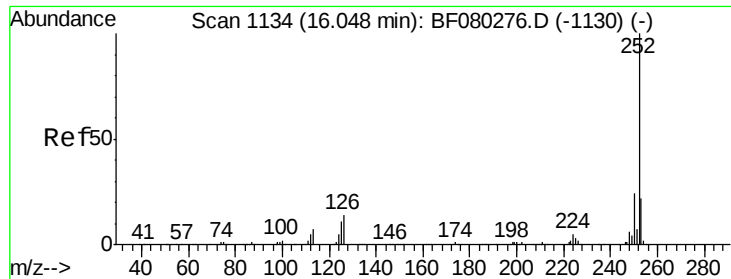
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.61 min Scan# 1183
 Delta R.T. 0.03 min
 Lab File: BF080285.D
 Acq: 1 Jul 2015 22:36

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	202384		
260	24.0	19.2	28.8	
265	21.6	16.9	25.3	





#87

Benzo(b)fluoranthene

Concen: 24.29 ng

RT: 16.08 min Scan# 1137

Delta R.T. 0.03 min

Lab File: BF080285.D

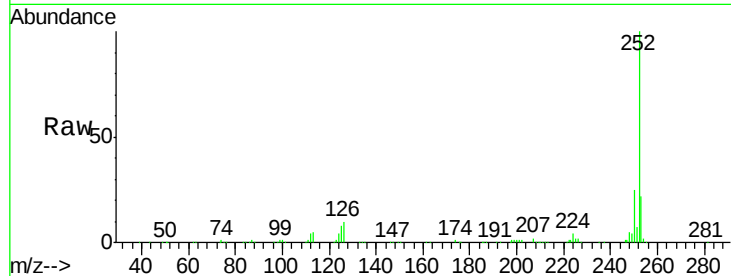
Acq: 1 Jul 2015 22:36

Instrument :

BNA_F

ClientSampleId :

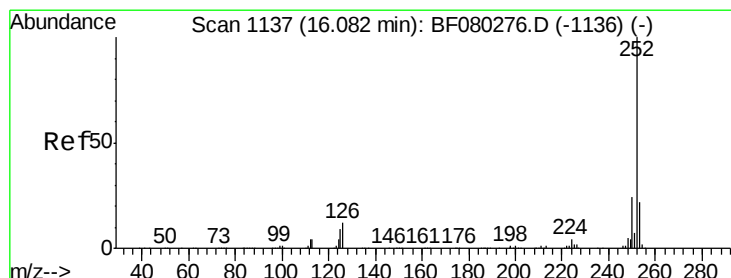
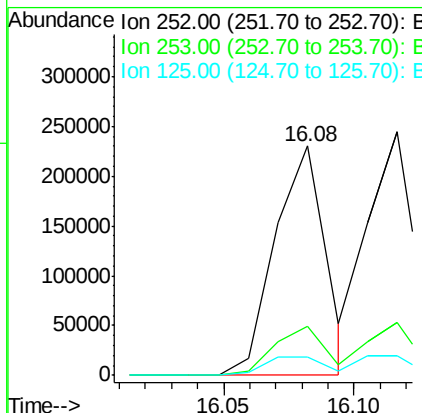
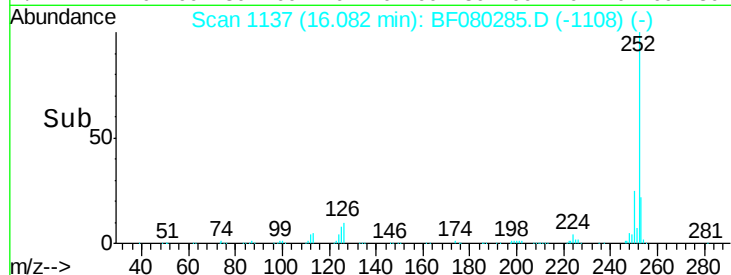
PB84302BS



Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	7.9	8.6	12.8#

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#88

Benzo(k)fluoranthene

Concen: 26.70 ng

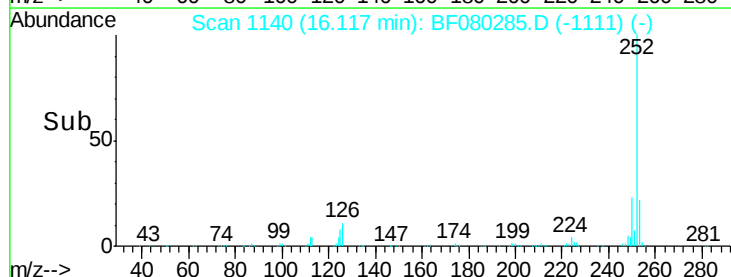
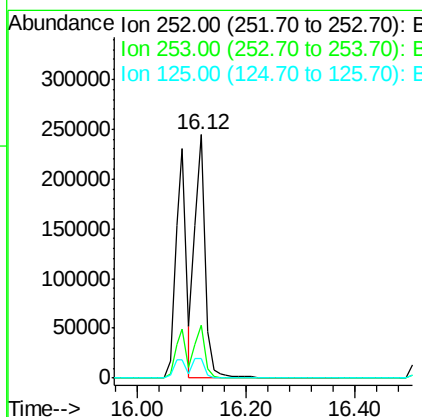
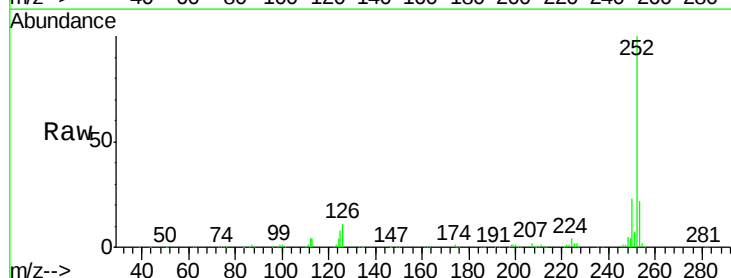
RT: 16.12 min Scan# 1140

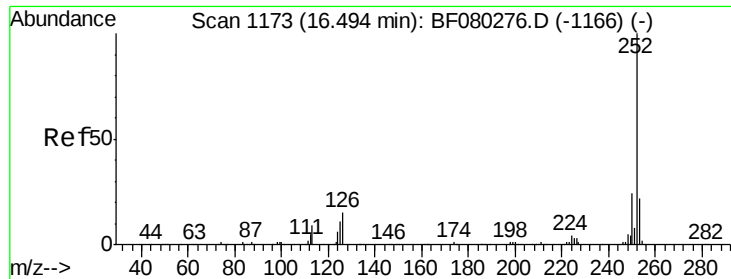
Delta R.T. 0.03 min

Lab File: BF080285.D

Acq: 1 Jul 2015 22:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.2
125	8.1	8.4	12.6#





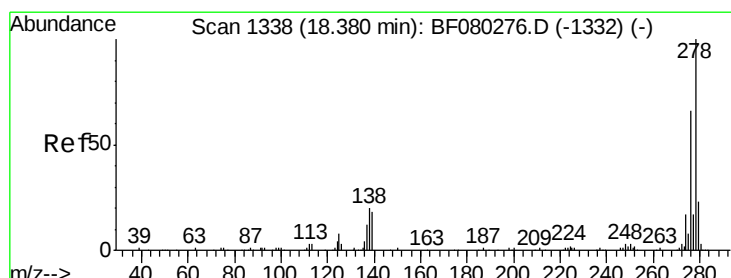
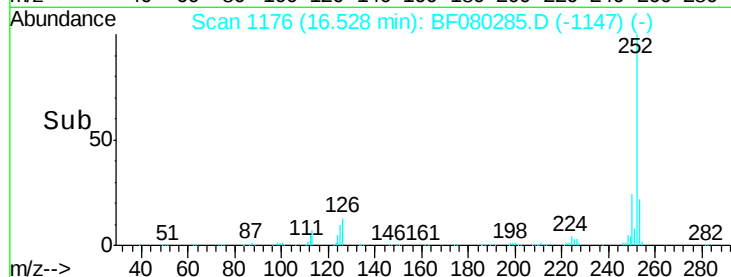
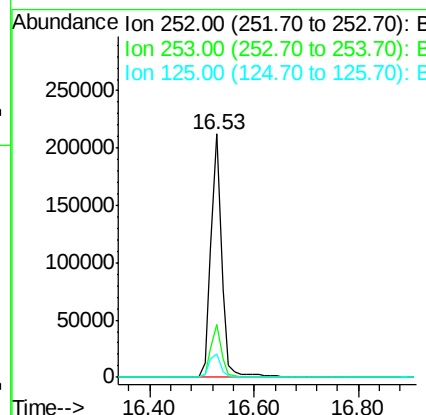
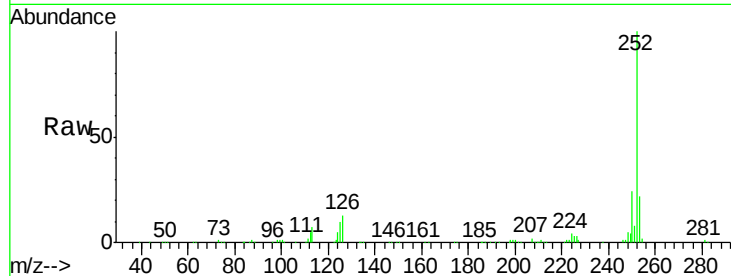
#89
Benzo(a)pyrene
Concen: 26.42 ng
RT: 16.53 min Scan# 1176
Delta R.T. 0.03 min
Lab File: BF080285.D
Acq: 1 Jul 2015 22:36

Instrument :
BNA_F
ClientSampleId :
PB84302BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.2
125	9.8	9.0	13.4

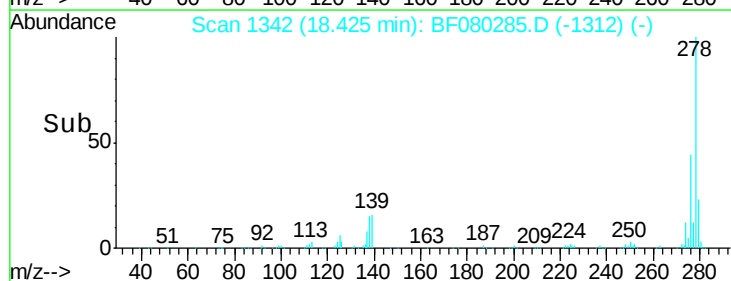
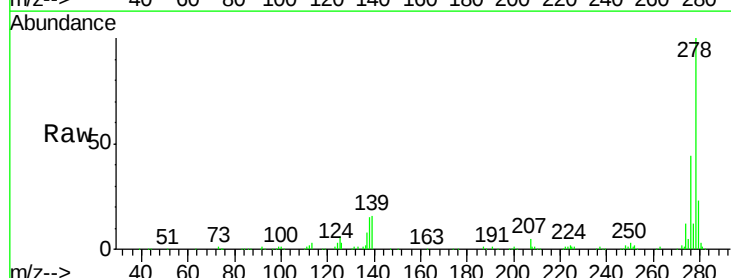
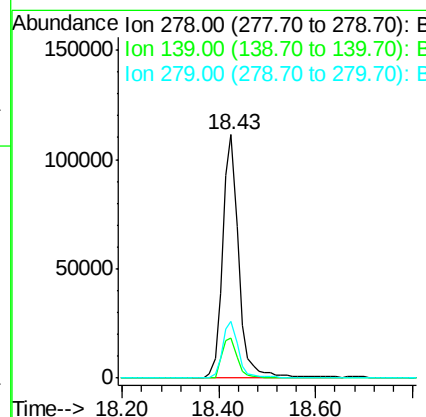
Manual Integrations
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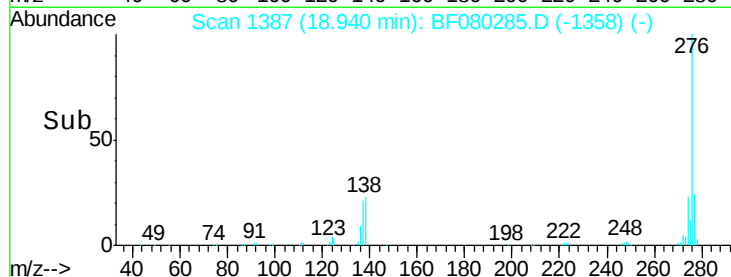
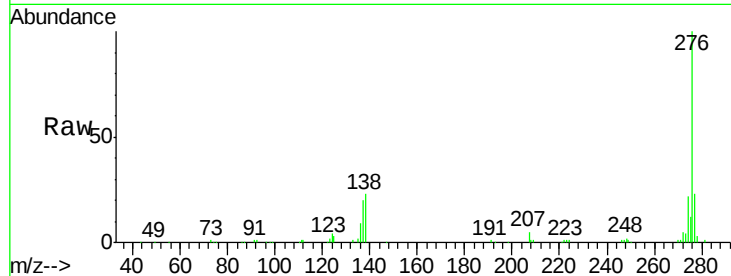
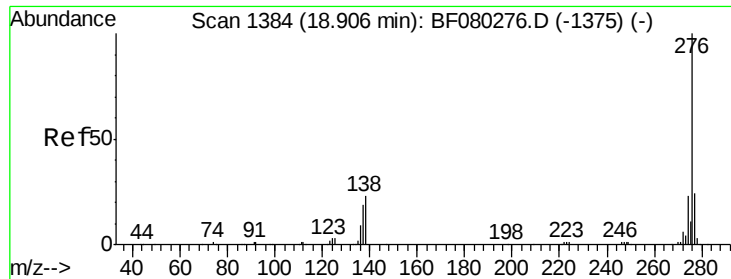
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#90
Dibenzo(a,h)anthracene
Concen: 23.99 ng
RT: 18.43 min Scan# 1342
Delta R.T. 0.05 min
Lab File: BF080285.D
Acq: 1 Jul 2015 22:36

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.4	14.6	21.8
279	23.5	18.7	28.1





#91

Benzo(g,h,i)perylene

Concen: 24.73 ng

RT: 18.94 min Scan# 1387

Delta R.T. 0.03 min

Lab File: BF080285.D

Acq: 1 Jul 2015 22:36

Instrument :

BNA_F

ClientSampleId :

PB84302BS

Tgt	Ion	276	Resp:	282048
Ion	Ratio	Lower	Upper	
276	100			
277	23.5	19.0	28.6	
138	22.8	18.1	27.1	

Manual Integrations
APPROVED

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