

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042815\
 Data File : BF078802.D
 Acq On : 29 Apr 2015 4:33
 Operator : TP/IZ
 Sample : PB83016BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83016BS

Manual Integrations
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 4/29/2015 3:53:42 PM

Quant Time: Apr 29 13:08:20 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 29 11:41:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	96283	20.00	ng	0.00
21) Naphthalene-d8	8.97	136	395818	20.00	ng	0.00
38) Acenaphthene-d10	11.14	164	181984	20.00	ng	0.00
63) Phenanthrene-d10	12.99	188	349353	20.00	ng	0.00
75) Chrysene-d12	16.30	240	343863	20.00	ng	-0.01
86) Perylene-d12	18.05	264	321498	20.00	ng	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.69	112	704618	134.41	ng	0.01
7) Phenol-d6	6.94	99	910821	130.09	ng	0.00
23) Nitrobenzene-d5	8.08	82	462612	84.15	ng	0.00
41) 2,4,6-Tribromophenol	12.13	330	248983	137.31	ng	0.00
44) 2-Fluorobiphenyl	10.32	172	1102012	82.93	ng	0.00
78) Terphenyl-d14	14.99	244	1230069	85.19	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.41	88	84636	35.19	ng	# 18
3) Pyridine	3.18	79	254329	35.81	ng	99
4) n-Nitrosodimethylamine	3.08	42	125098m	39.20	ng	
6) Aniline	6.98	93	215610	21.08	ng	100
8) 2-Chlorophenol	7.12	128	262644	43.59	ng	99
9) Benzaldehyde	6.84	77	17306	3.43	ng	96
10) Phenol	6.95	94	326082	39.40	ng	94
11) bis(2-Chloroethyl)ether	7.07	93	251922	41.16	ng	100
12) 1,3-Dichlorobenzene	7.31	146	272670	38.97	ng	100
13) 1,4-Dichlorobenzene	7.42	146	286712	40.03	ng	98
14) 1,2-Dichlorobenzene	7.60	146	269527	40.27	ng	100
15) Benzyl Alcohol	7.56	79	220755	42.31	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.75	45	411899	43.05	ng	99
17) 2-Methylphenol	7.70	107	215256	44.13	ng	98
18) Hexachloroethane	8.02	117	95578	40.40	ng	97
19) n-Nitroso-di-n-propylamine	7.91	70	192499	39.40	ng	# 83
20) 3+4-Methylphenols	7.90	107	279762	44.03	ng	97
22) Acetophenone	7.90	105	387810	44.22	ng	98
24) Nitrobenzene	8.10	77	256984	43.65	ng	99
25) Isophorone	8.40	82	507561	40.84	ng	99
26) 2-Nitrophenol	8.50	139	76663	45.53	ng	99
27) 2,4-Dimethylphenol	8.55	122	238481	43.26	ng	98
28) bis(2-Chloroethoxy)methane	8.68	93	326676	42.57	ng	99
29) 2,4-Dichlorophenol	8.79	162	217092	46.07	ng	98
30) 1,2,4-Trichlorobenzene	8.90	180	226267	41.81	ng	98
31) Naphthalene	8.99	128	758860	40.39	ng	100
32) Benzoic acid	8.65	122	86554	51.73	ng	91
33) 4-Chloroaniline	9.06	127	160988	20.36	ng	100
34) Hexachlorobutadiene	9.15	225	124288	40.70	ng	99
35) Caprolactam	9.48	113	64238	42.81	ng	# 85
36) 4-Chloro-3-methylphenol	9.66	107	221399	44.74	ng	94
37) 2-Methylnaphthalene	9.85	142	529754	41.91	ng	99
39) 1,2,4,5-Tetrachlorobenzene	10.06	216	208950	40.52	ng	# 100
40) Hexachlorocyclopentadiene	10.04	237	220378	101.68	ng	99

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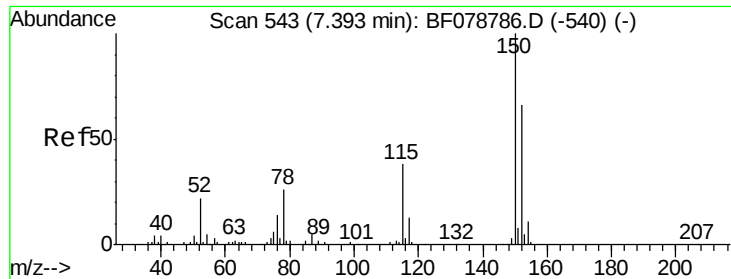
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.20	196	138045	43.94	nq	95
43) 2,4,5-Trichlorophenol	10.24	196	148808m	44.50	nq	
45) 1,1'-Biphenyl	10.43	154	624900	42.79	nq	99
46) 2-Chloronaphthalene	10.46	162	473000	41.44	nq	99
47) 2-Nitroaniline	10.58	65	121437	48.71	nq	95
48) Acenaphthylene	10.97	152	777633	41.64	nq	100
49) Dimethylphthalate	10.82	163	576880	44.59	nq	99
50) 2,6-Dinitrotoluene	10.89	165	102404	48.59	nq	95
51) Acenaphthene	11.19	154	493932	45.03	nq	99
52) 3-Nitroaniline	11.10	138	80056	29.28	nq	98
53) 2,4-Dinitrophenol	11.22	184	36999	110.87	nq	# 71
54) Dibenzofuran	11.41	168	717463	44.59	nq	99
55) 4-Nitrophenol	11.29	139	181809	82.62	nq	# 74
56) 2,4-Dinitrotoluene	11.39	165	133141	51.36	nq	# 67
57) Fluorene	11.83	166	562428	43.73	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.55	232	118779	47.43	nq	# 100
59) Diethylphthalate	11.70	149	582606	45.25	nq	98
60) 4-Chlorophenyl-phenylether	11.84	204	257638	45.02	nq	99
61) 4-Nitroaniline	11.85	138	121349	43.66	nq	95
62) Azobenzene	12.03	77	636827	48.51	nq	97
64) 4,6-Dinitro-2-methylphenol	11.89	198	32375	53.92	nq	86
65) n-Nitrosodiphenylamine	11.99	169	490952	43.47	nq	100
66) 4-Bromophenyl-phenylether	12.45	248	159739	45.30	nq	98
67) Hexachlorobenzene	12.50	284	172233	43.12	nq	97
68) Atrazine	12.65	200	143308	47.37	nq	97
69) Pentachlorophenol	12.75	266	180547	84.69	nq	97
70) Phenanthrene	13.03	178	843387	44.59	nq	100
71) Anthracene	13.09	178	801234	43.32	nq	100
72) Carbazole	13.29	167	804417	46.06	nq	99
73) Di-n-butylphthalate	13.74	149	923409	45.65	nq	99
74) Fluoranthene	14.50	202	860517	45.62	nq	100
76) Benzidine	14.69	184	317714	28.54	nq	99
77) Pyrene	14.79	202	909184	45.25	nq	99
79) Butylbenzylphthalate	15.61	149	368625	47.85	nq	98
80) Benzo(a)anthracene	16.29	228	827045	44.83	nq	100
81) 3,3'-Dichlorobenzidine	16.25	252	163129	25.98	nq	# 96
82) Chrysene	16.33	228	776206	43.16	nq	99
83) Bis(2-ethylhexyl)phthalate	16.33	149	572496	46.29	nq	# 97
84) Di-n-octyl phthalate	17.13	149	913082	45.86	nq	# 100
85) Indeno(1,2,3-cd)pyrene	19.57	276	874715	42.88	nq	# 100
87) Benzo(b)fluoranthene	17.59	252	782970	44.99	nq	# 96
88) Benzo(k)fluoranthene	17.62	252	772942	45.83	nq	# 95
89) Benzo(a)pyrene	17.98	252	747692	48.02	nq	98
90) Dibenzo(a,h)anthracene	19.60	278	693110	42.98	nq	97
91) Benzo(g,h,i)perylene	20.02	276	717118	44.30	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.39 min Scan# 543

Delta R.T. 0.00 min

Lab File: BF078802.D

Acq: 29 Apr 2015 4:33

Instrument :

BNA_F

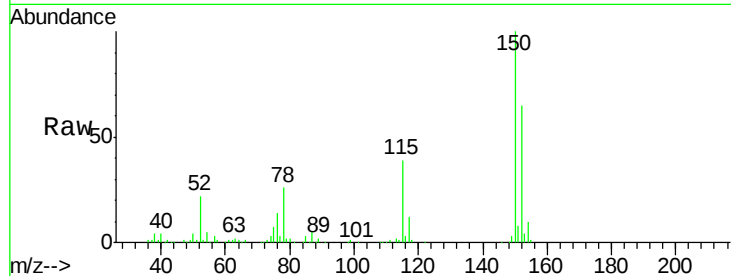
ClientSampleId :

PB83016BS

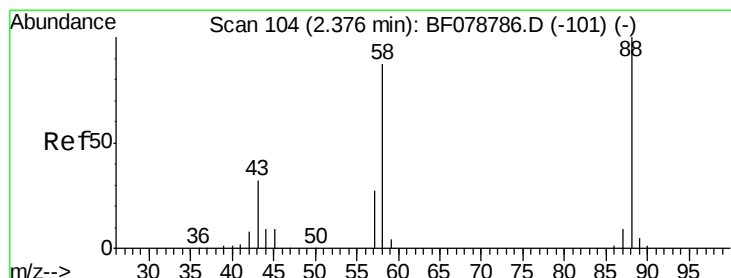
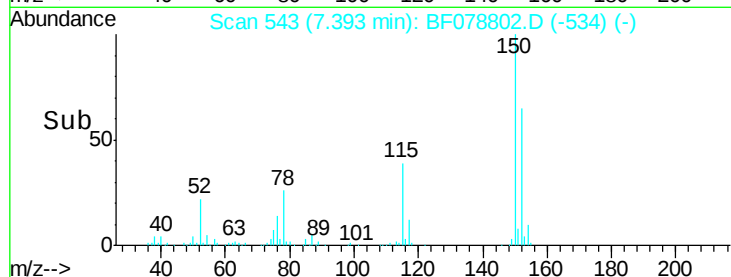
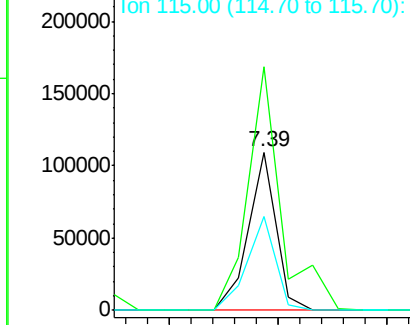
Tot Ion:	152	Resp:	96283
Ion Ratio	Lower	Upper	
152	100		
150	154.1	122.0	183.0
115	59.6	46.3	69.5

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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: 35.19 ng

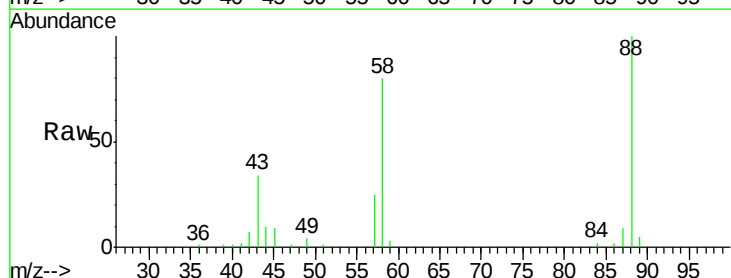
RT: 2.41 min Scan# 107

Delta R.T. 0.03 min

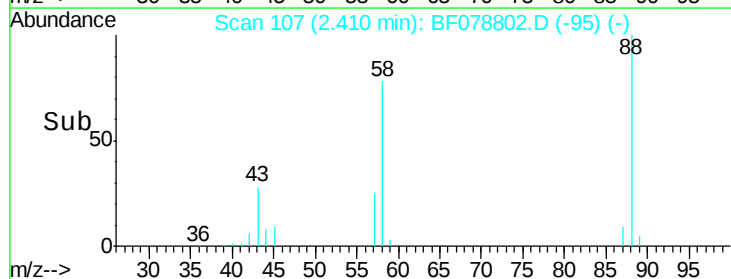
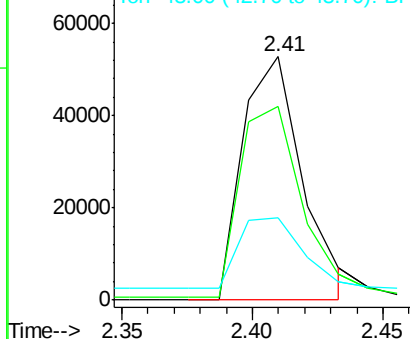
Lab File: BF078802.D

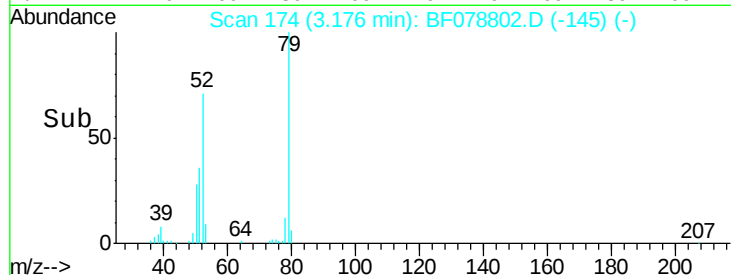
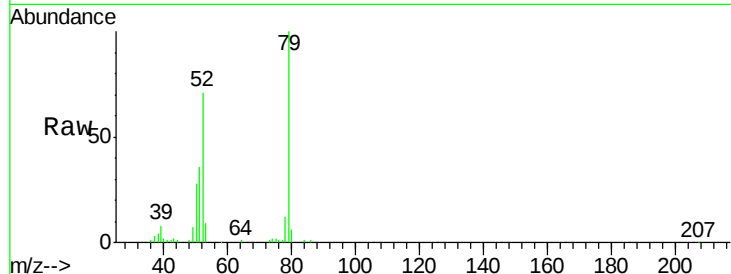
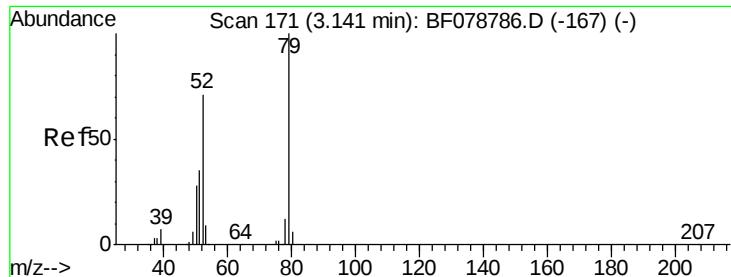
Acq: 29 Apr 2015 4:33

Tgt Ion:	88	Resp:	84636
Ion Ratio	Lower	Upper	
88	100		
58	81.4	0.0	0.0#
43	31.2	3.3	4.9#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





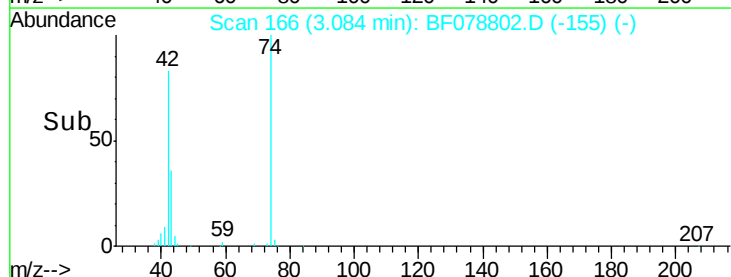
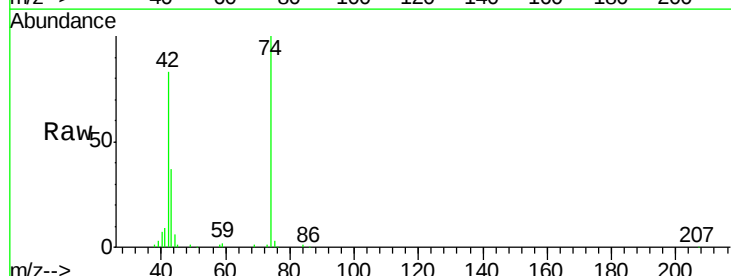
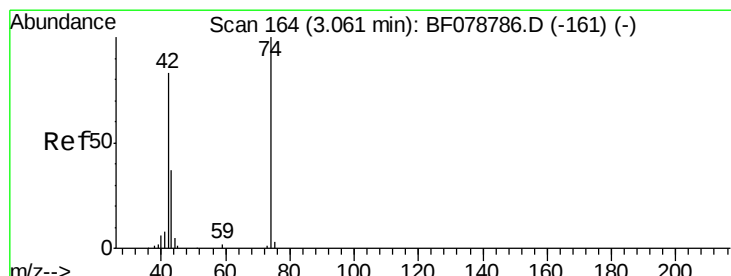
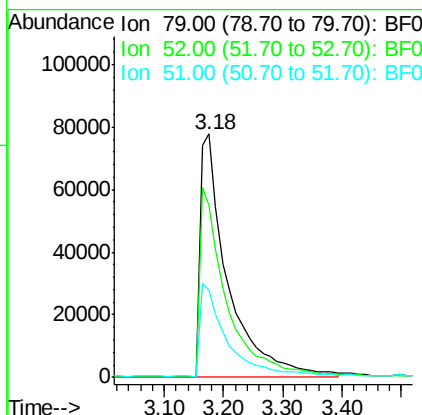
#3
Pvridine
Concen: 35.81 ng
RT: 3.18 min Scan# 174
Delta R.T. 0.03 min
Lab File: BF078802.D
Acq: 29 Apr 2015 4:33

Tot Ion	Ratio	Lower	Upper
79	100		
52	70.7	57.2	85.8
51	35.7	28.9	43.3

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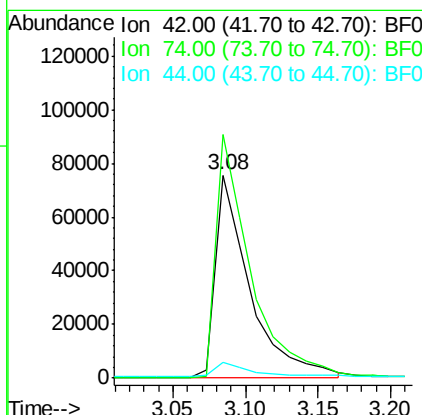
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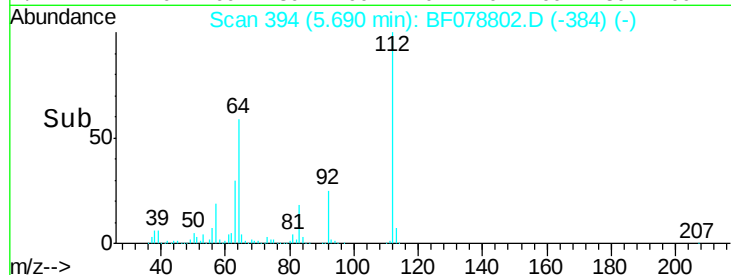
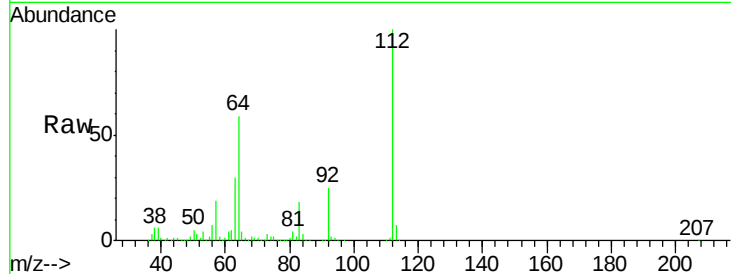
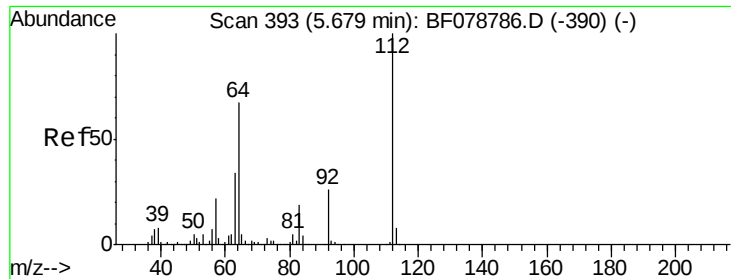
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#4
n-Nitrosodimethylamine
Concen: 39.20 ng m
RT: 3.08 min Scan# 166
Delta R.T. 0.02 min
Lab File: BF078802.D
Acq: 29 Apr 2015 4:33

Tgt Ion	Ratio	Lower	Upper
42	100		
74	120.0	96.5	144.7
44	7.5	6.1	9.1





#5

2-Fluorophenol

Concen: 134.41 ng

RT: 5.69 min Scan# 394

Delta R.T. 0.01 min

Lab File: BF078802.D

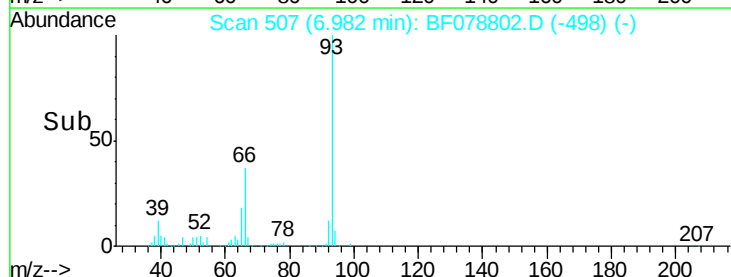
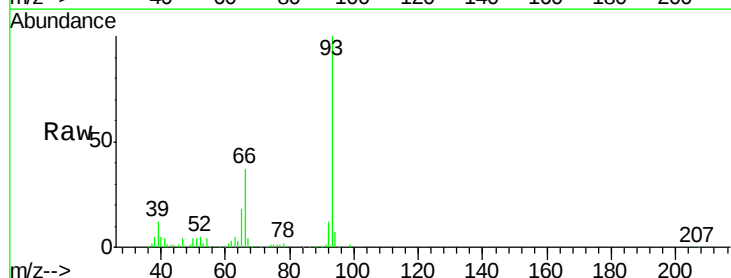
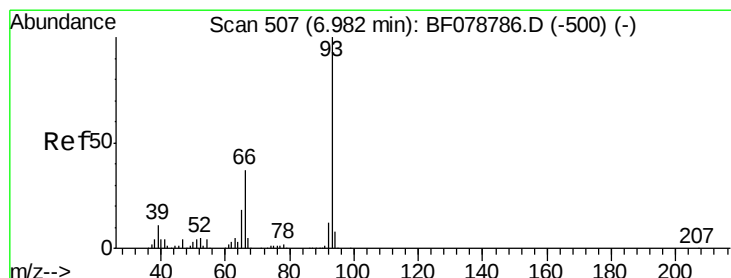
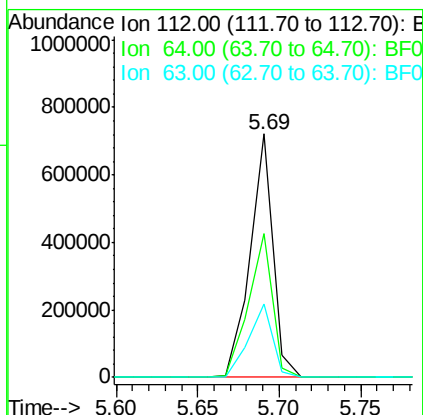
Acq: 29 Apr 2015 4:33

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		704618		
64	59.1	53.5	80.3		
63	30.3	27.5	41.3		

Instrument :
BNA_F
ClientSampleId :
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#6

Aniline

Concen: 21.08 ng

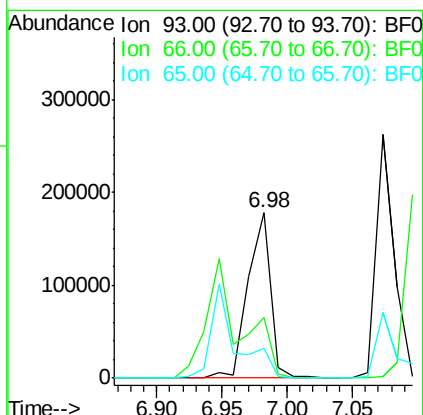
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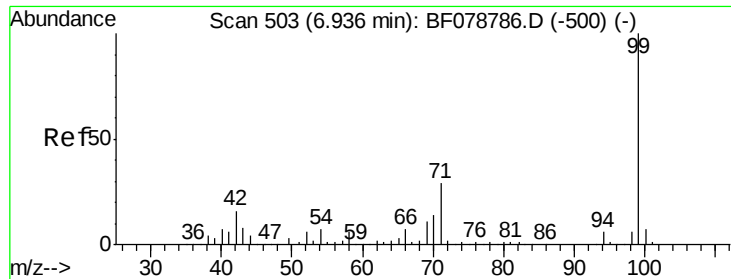
Delta R.T. 0.00 min

Lab File: BF078802.D

Acq: 29 Apr 2015 4:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		215610		
66	36.8	29.7	44.5		
65	18.4	14.6	22.0		





#7

Phenol-d6

Concen: 130.09 ng

RT: 6.94 min Scan# 503

Delta R.T. 0.00 min

Lab File: BF078802.D

Acq: 29 Apr 2015 4:33

Instrument :

BNA_F

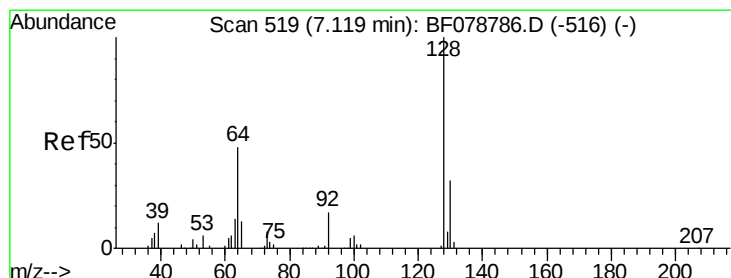
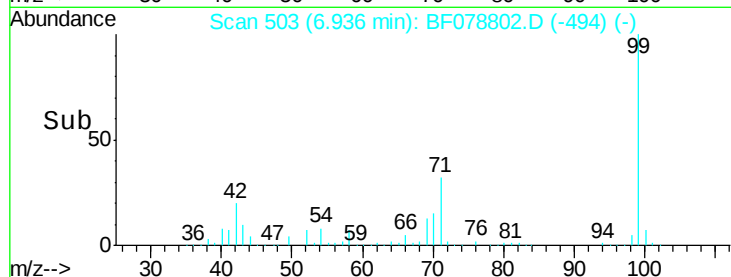
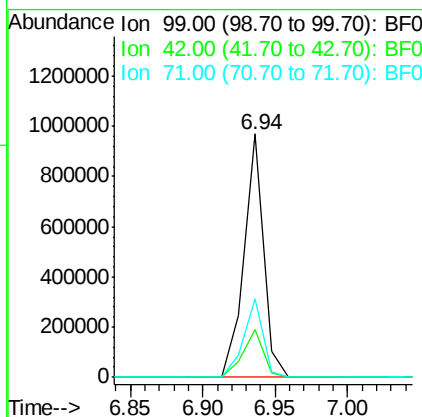
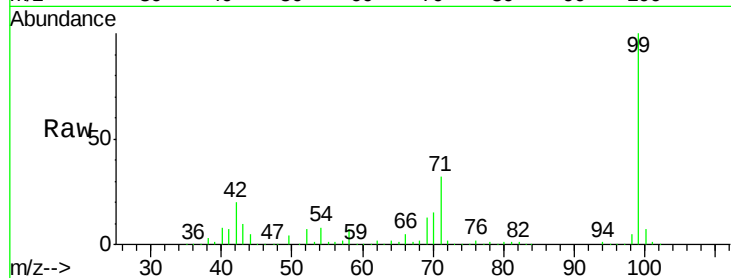
ClientSampleId :

PB83016BS

Tot Ion:	99	Resp:	910821
Ion Ratio	Lower	Upper	
99	100		
42	19.7	12.8	19.2#
71	32.4	23.4	35.2

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#8

2-Chlorophenol

Concen: 43.59 ng

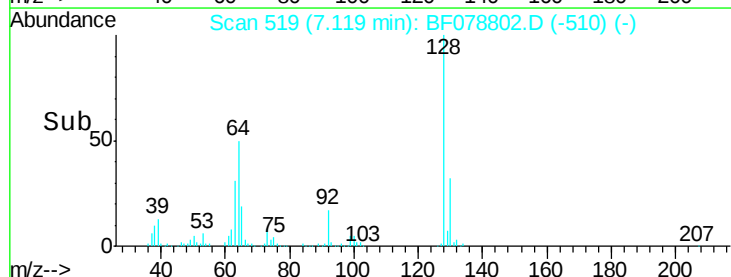
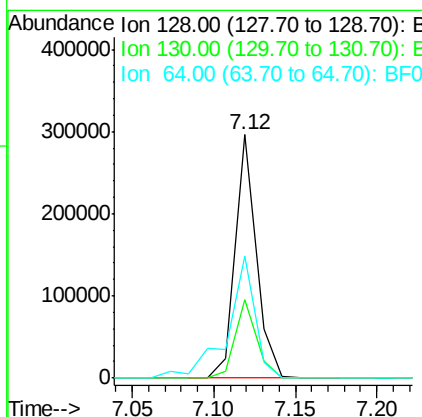
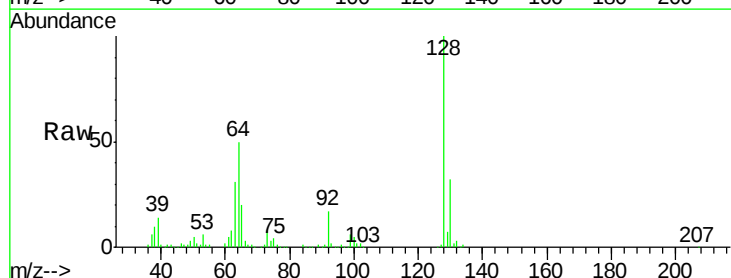
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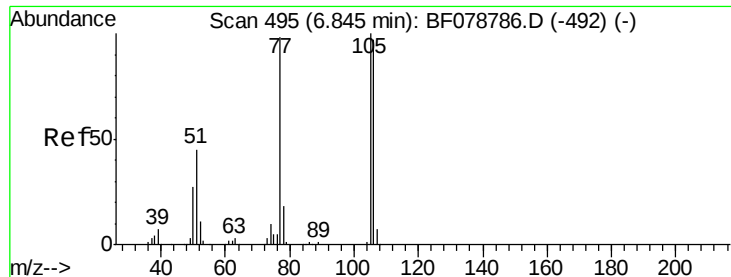
Delta R.T. 0.00 min

Lab File: BF078802.D

Acq: 29 Apr 2015 4:33

Tgt Ion:	128	Resp:	262644
Ion Ratio	Lower	Upper	
128	100		
130	32.2	12.1	52.1
64	50.2	29.6	69.6





#9

Benzaldehyde

Concen: 3.43 ng

RT: 6.84 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF078802.D

Acq: 29 Apr 2015 4:33

Instrument :

BNA_F

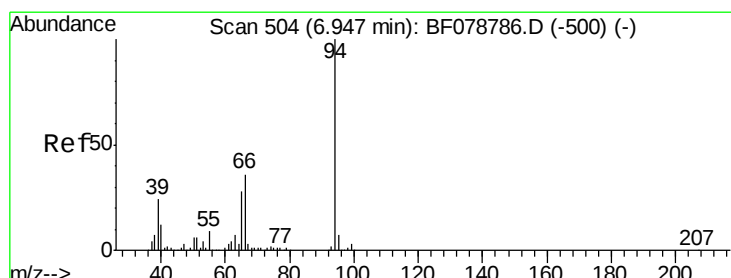
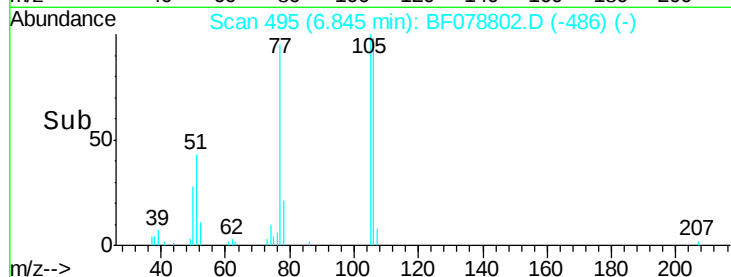
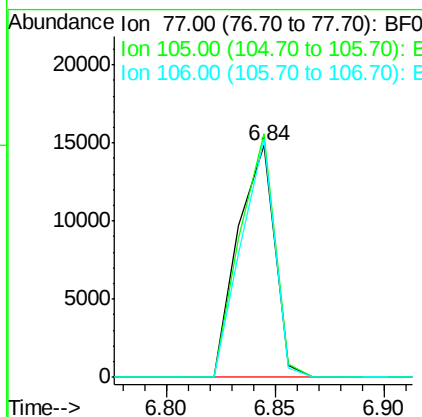
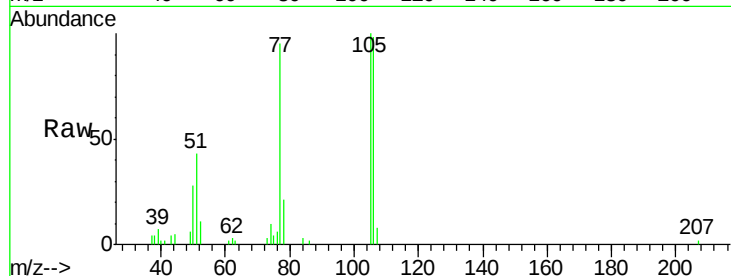
ClientSampleId :

PB83016BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	105.1	81.7	121.7		
106	102.8	79.0	119.0		

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#10

Phenol

Concen: 39.40 ng

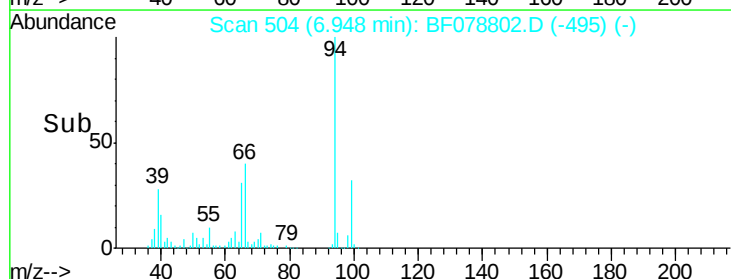
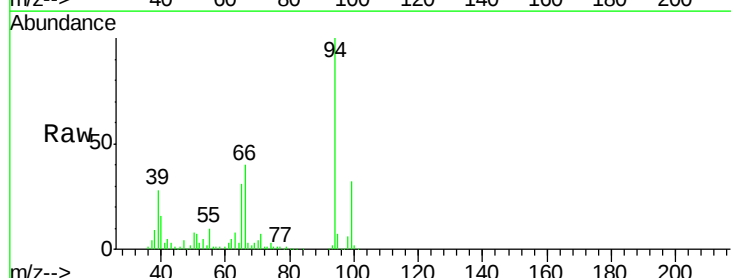
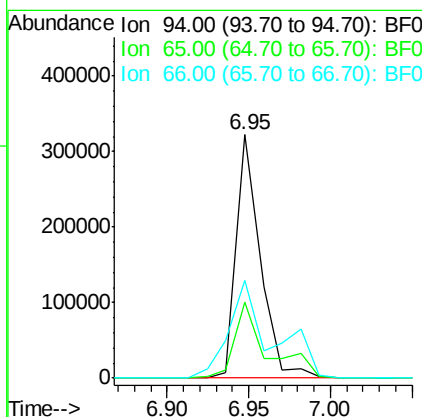
RT: 6.95 min Scan# 504

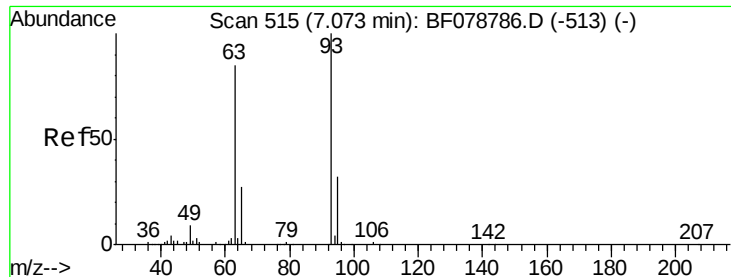
Delta R.T. 0.00 min

Lab File: BF078802.D

Acq: 29 Apr 2015 4:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	31.3	8.5	48.5		
66	39.9	16.0	56.0		





#11

bis(2-Chloroethyl)ether

Concen: 41.16 ng

RT: 7.07 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF078802.D

Acq: 29 Apr 2015 4:33

Instrument :

BNA_F

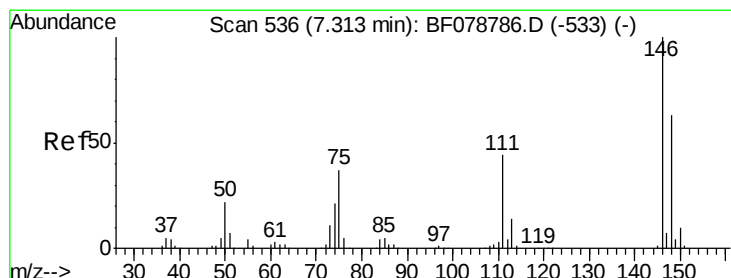
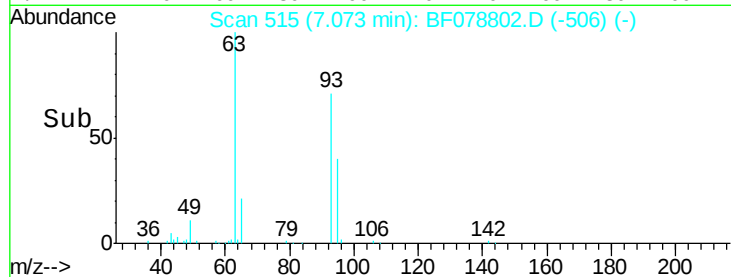
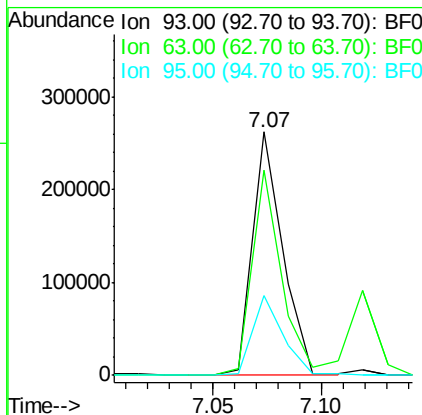
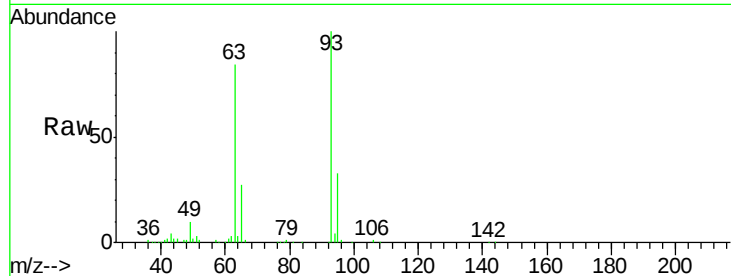
ClientSampleId :

PB83016BS

Tot Ion:	93	Resp:	251922
Ion Ratio	Lower	Upper	
93	100		
63	84.4	64.8	104.8
95	32.5	12.4	52.4

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#12

1,3-Dichlorobenzene

Concen: 38.97 ng

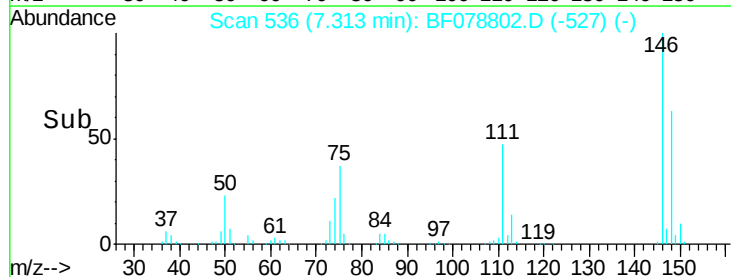
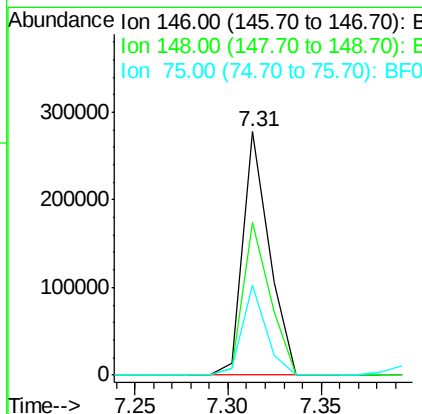
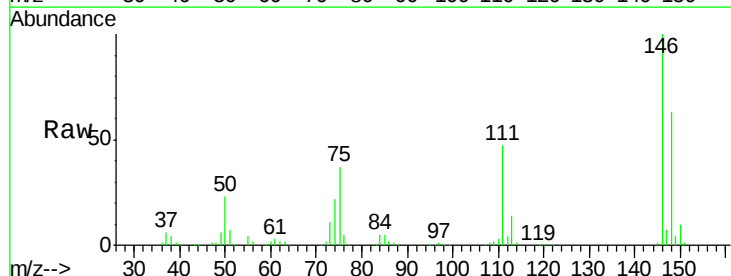
RT: 7.31 min Scan# 536

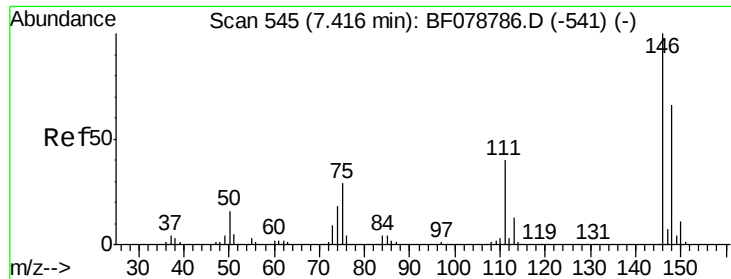
Delta R.T. 0.00 min

Lab File: BF078802.D

Acq: 29 Apr 2015 4:33

Tgt Ion:	146	Resp:	272670
Ion Ratio	Lower	Upper	
146	100		
148	62.6	50.2	75.2
75	37.0	29.2	43.8





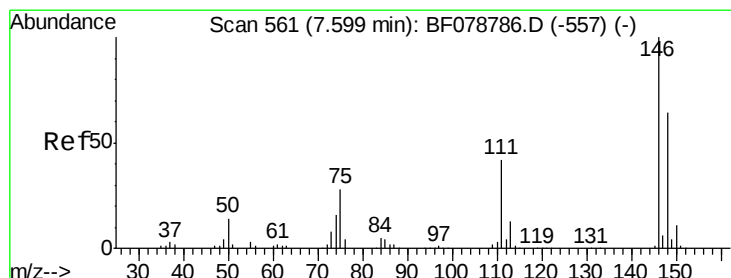
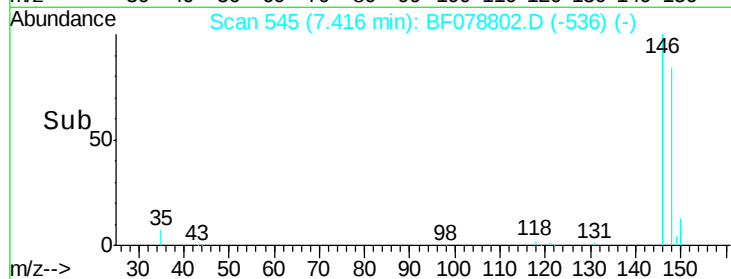
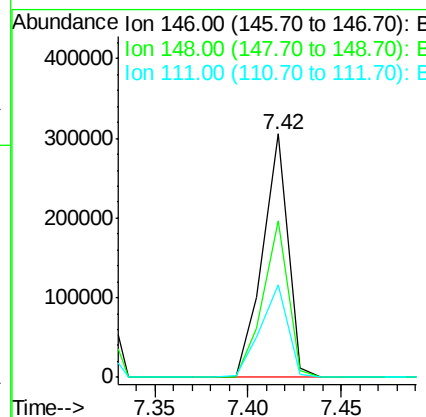
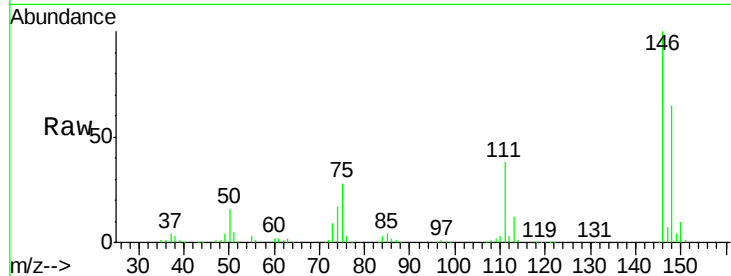
#13
 1,4-Dichlorobenzene
 Concen: 40.03 ng
 RT: 7.42 min Scan# 545
 Delta R.T. 0.00 min
 Lab File: BF078802.D
 Acq: 29 Apr 2015 4:33

Instrument :
 BNA_F
 ClientSampleId :
 PB83016BS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	286712		
148	64.5	52.8	79.2	
111	37.8	31.7	47.5	

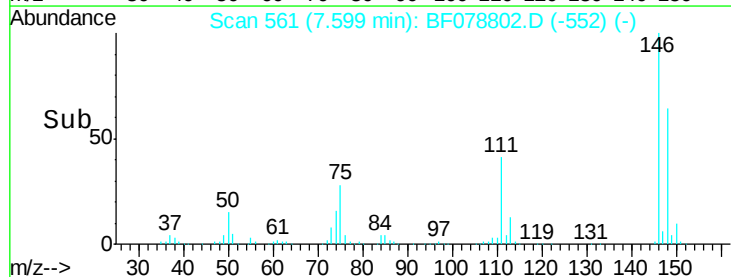
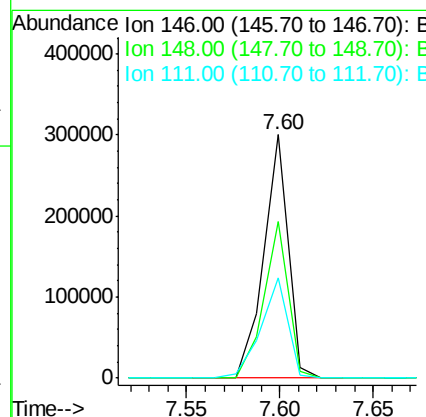
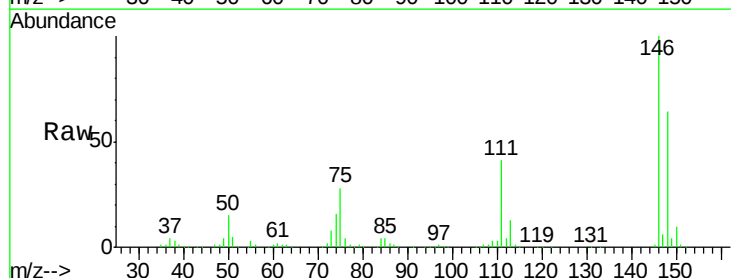
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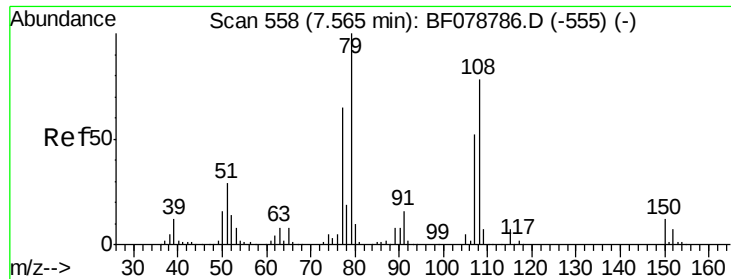
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#14
 1,2-Dichlorobenzene
 Concen: 40.27 ng
 RT: 7.60 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: BF078802.D
 Acq: 29 Apr 2015 4:33

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	269527		
148	64.1	51.2	76.8	
111	41.1	33.3	49.9	





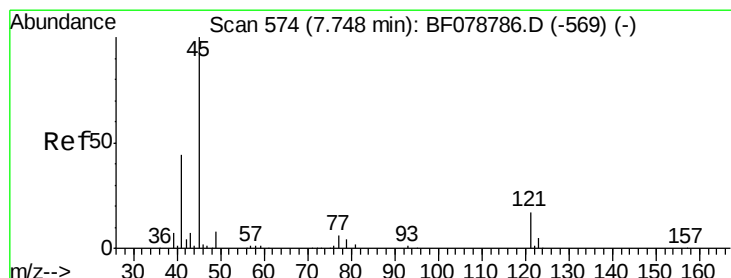
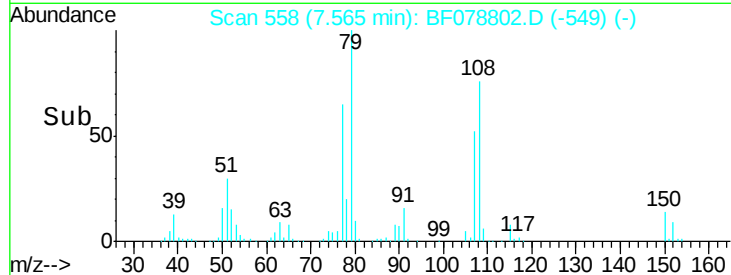
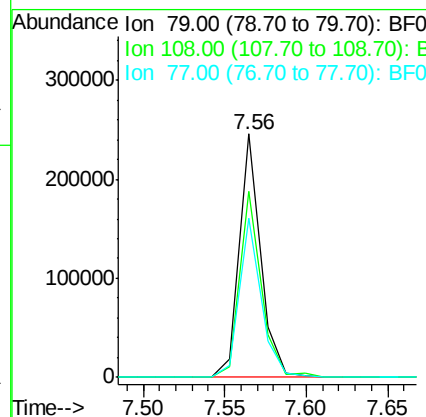
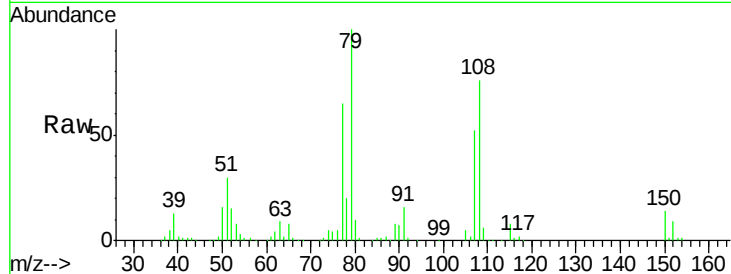
#15
Benzyl Alcohol
Concen: 42.31 ng
RT: 7.56 min Scan# 558
Delta R.T. 0.00 min
Lab File: BF078802.D
Acq: 29 Apr 2015 4:33

Instrument :
BNA_F
ClientSampleId :
PB83016BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	76.2	62.5	93.7	
77	65.1	52.2	78.4	

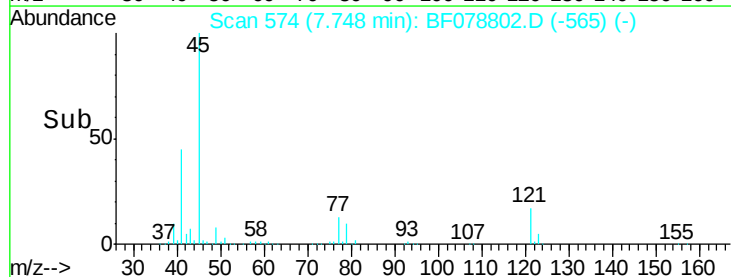
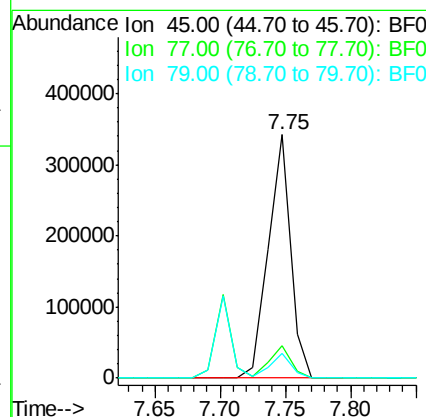
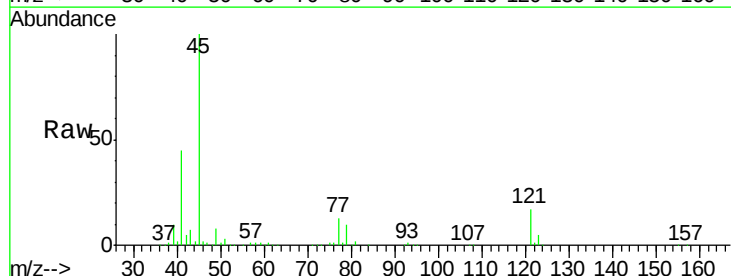
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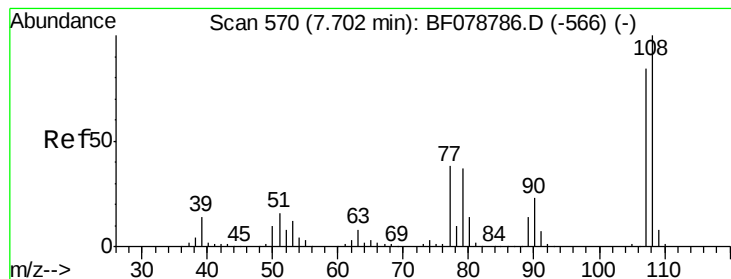
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.05 ng
RT: 7.75 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF078802.D
Acq: 29 Apr 2015 4:33

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	13.1	0.0	32.3	
79	10.1	0.0	30.1	





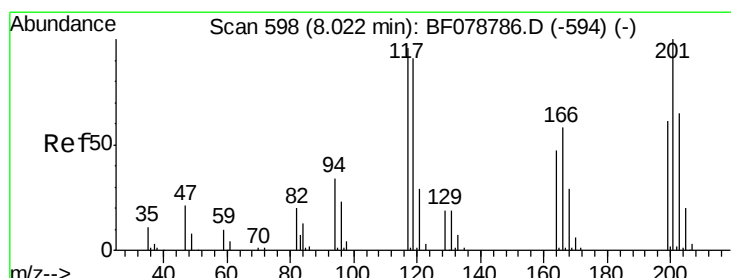
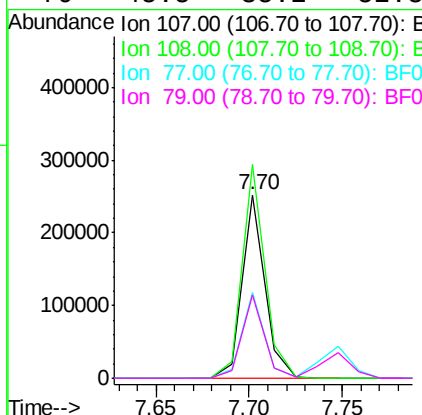
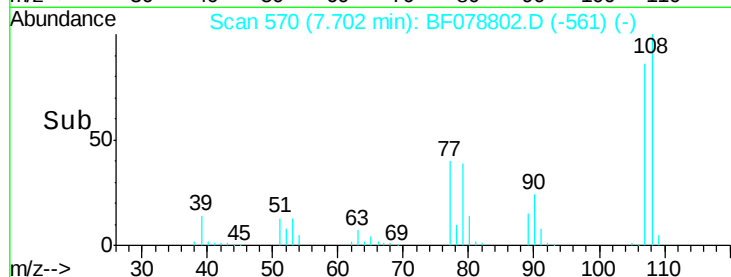
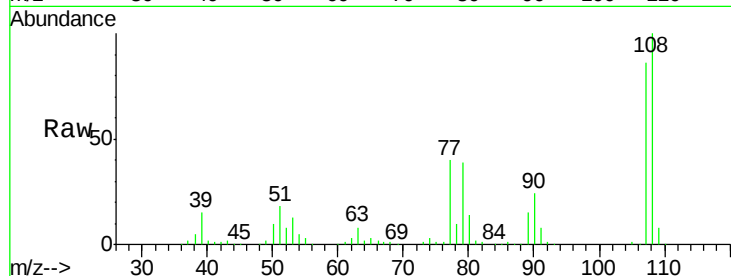
#17
2-Methylphenol
Concen: 44.13 ng
RT: 7.70 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF078802.D
Acq: 29 Apr 2015 4:33

Instrument :
BNA_F
ClientSampleId :
PB83016BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.4	94.9	142.3	
77	46.9	36.2	54.4	
79	45.5	35.2	52.8	

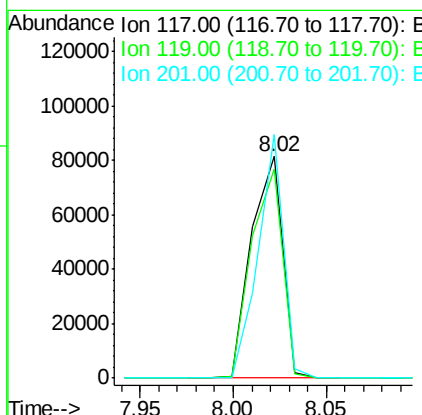
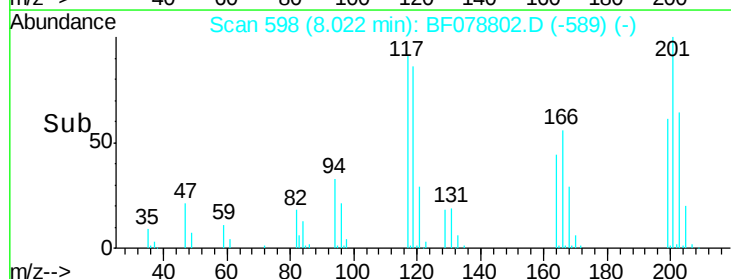
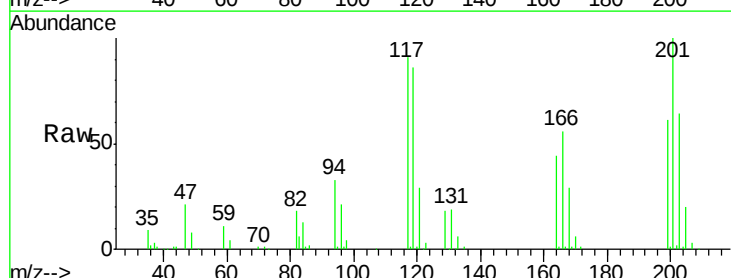
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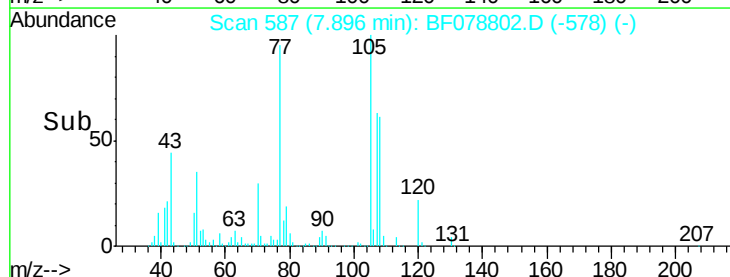
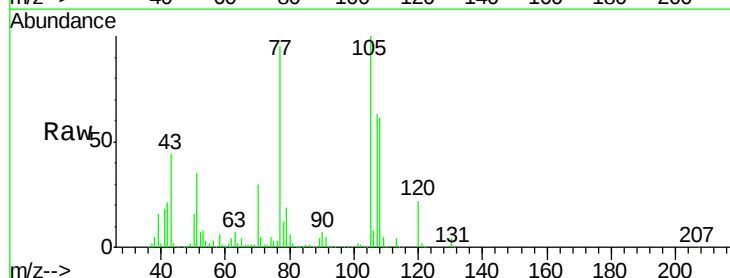
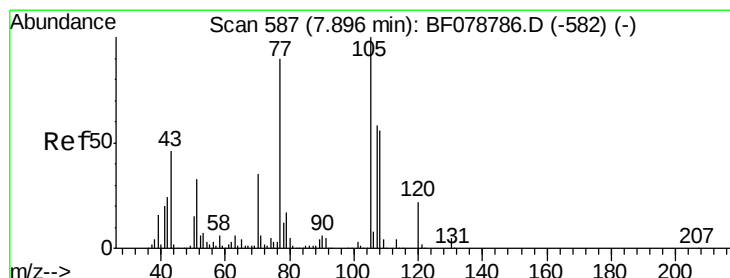
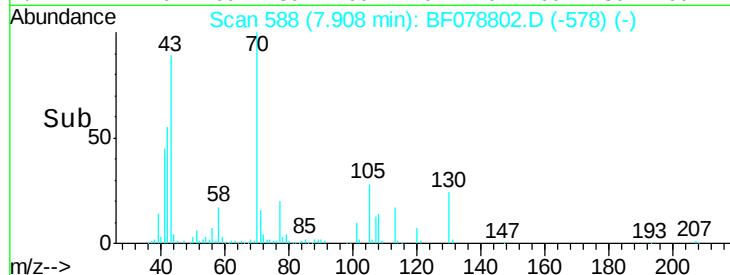
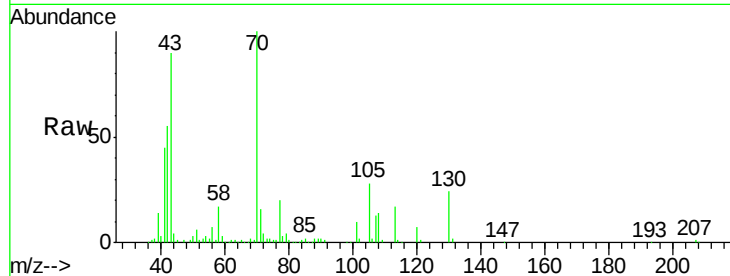
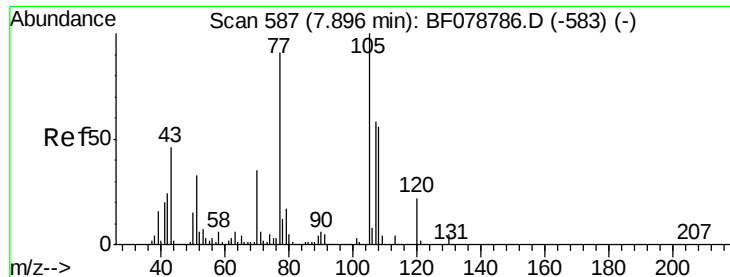
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#18
Hexachloroethane
Concen: 40.40 ng
RT: 8.02 min Scan# 598
Delta R.T. 0.00 min
Lab File: BF078802.D
Acq: 29 Apr 2015 4:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.4	75.4	113.0	
201	109.9	83.2	124.8	





#19

n-Nitroso-di-n-propylamine

Concen: 39.40 ng

RT: 7.91 min Scan# 588

Delta R.T. 0.01 min

Lab File: BF078802.D

Acq: 29 Apr 2015 4:33

Instrument :

BNA_F

ClientSampleId :

PB83016BS

Tot Ion: 70 Resp: 192499

Ion Ratio Lower Upper

70 100

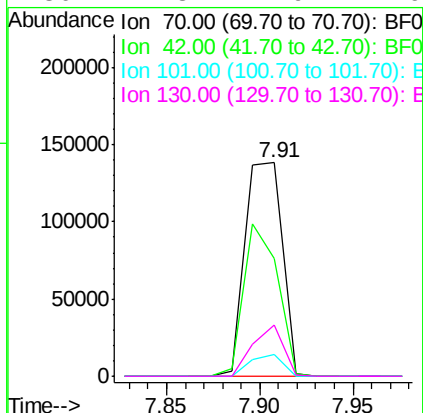
42 55.1 55.4 83.0#

101 10.5 6.6 10.0#

130 24.3 11.9 17.9#

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#20

3+4-Methylphenols

Concen: 44.03 ng

RT: 7.90 min Scan# 587

Delta R.T. 0.00 min

Lab File: BF078802.D

Acq: 29 Apr 2015 4:33

Tgt Ion: 107 Resp: 279762

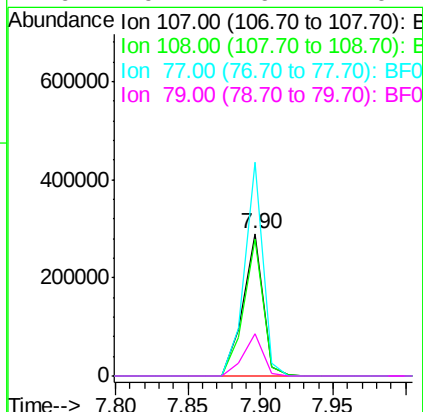
Ion Ratio Lower Upper

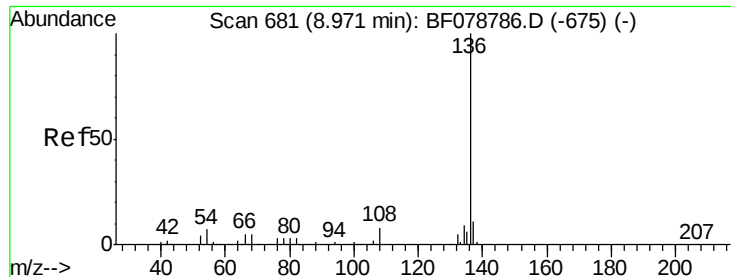
107 100

108 95.7 76.9 116.9

77 149.6 136.8 176.8

79 29.7 9.7 49.7





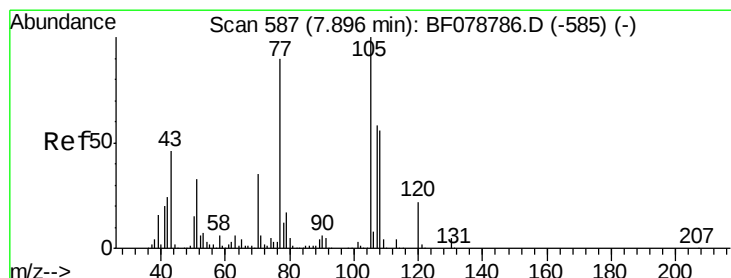
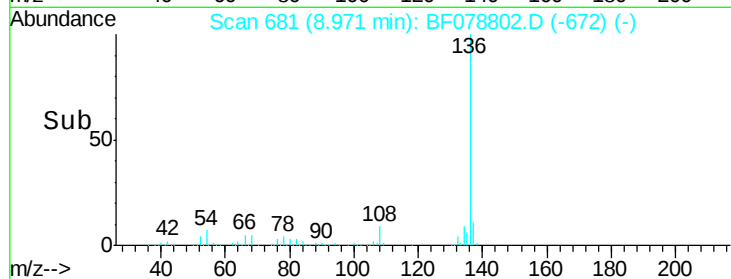
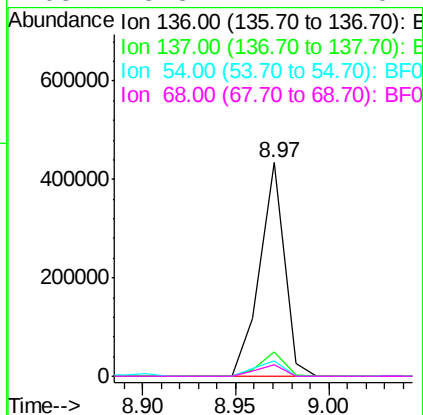
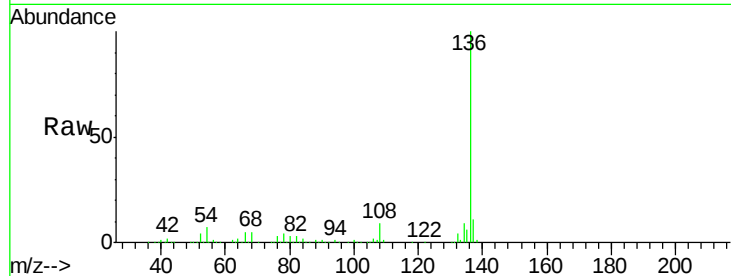
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.97 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF078802.D
Acq: 29 Apr 2015 4:33

Instrument :
BNA_F
ClientSampleId :
PB83016BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	395818		
137	11.1	8.7	13.1	
54	7.0	5.8	8.8	
68	5.3	4.2	6.4	

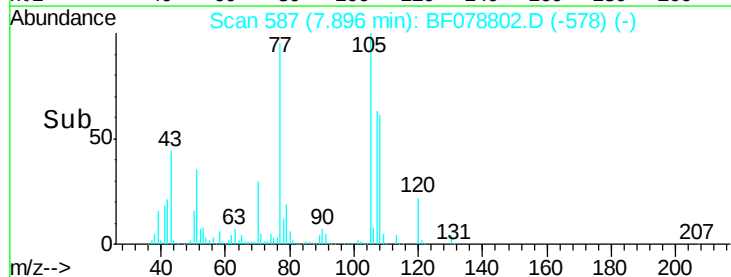
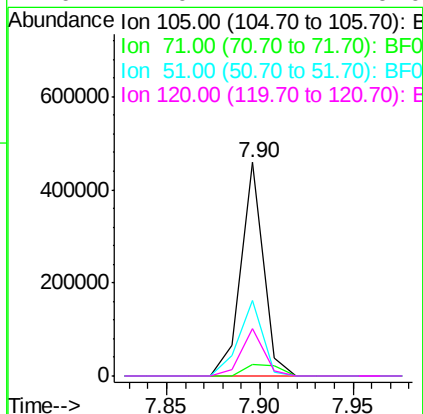
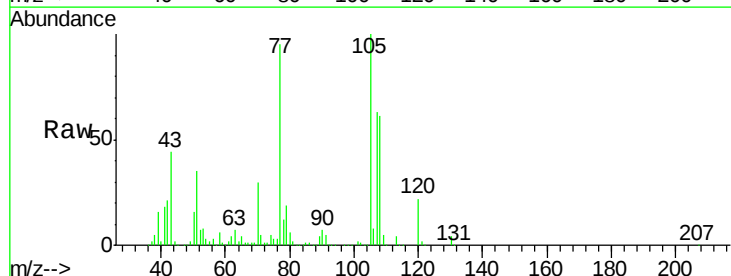
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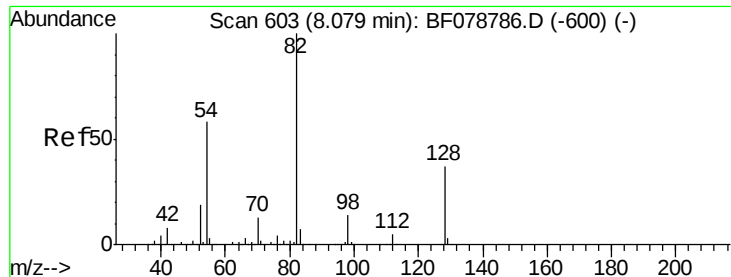
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#22
Acetophenone
Concen: 44.22 ng
RT: 7.90 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF078802.D
Acq: 29 Apr 2015 4:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	387810		
71	5.2	4.6	6.8	
51	35.4	26.7	40.1	
120	22.0	17.4	26.0	





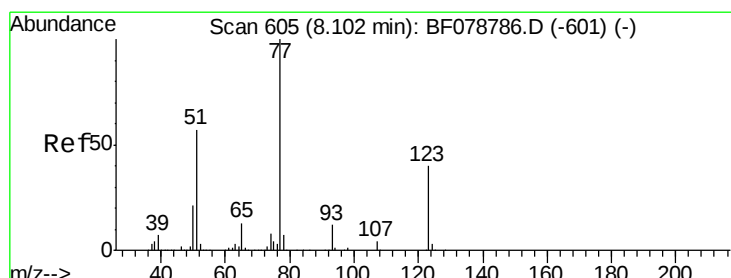
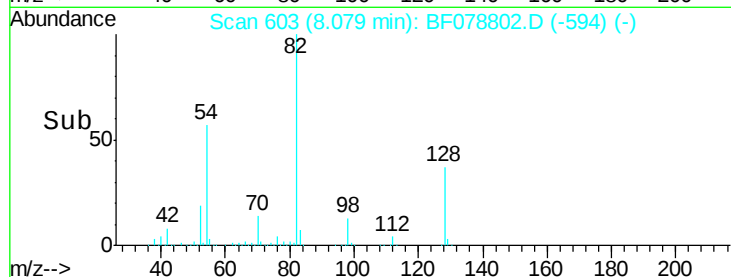
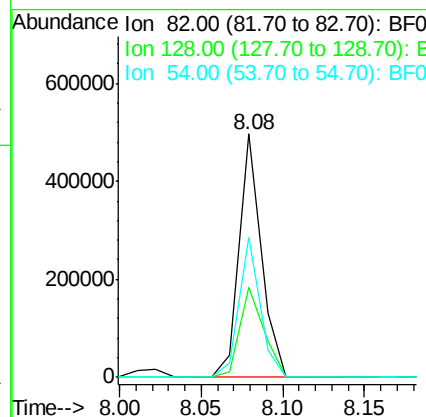
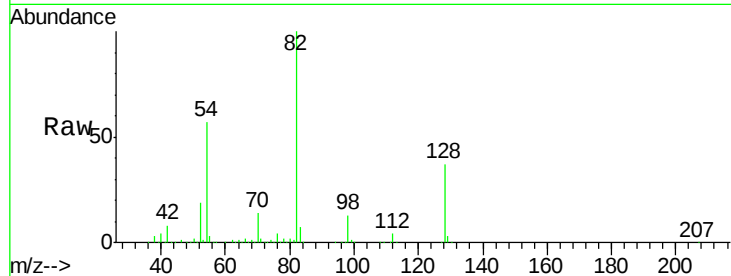
#23
Nitrobenzene-d5
Concen: 84.15 ng
RT: 8.08 min Scan# 603
Delta R.T. 0.00 min
Lab File: BF078802.D
Acq: 29 Apr 2015 4:33

Instrument :
BNA_F
ClientSampleId :
PB83016BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	37.2	30.0	45.0	
54	57.5	46.4	69.6	

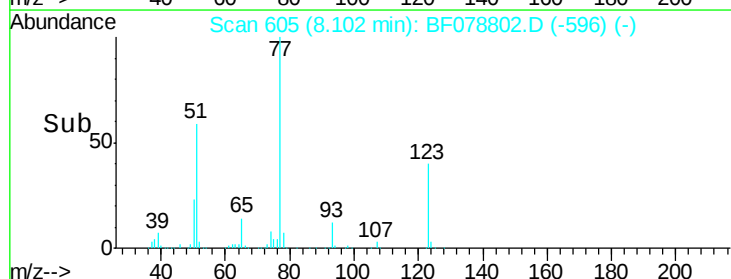
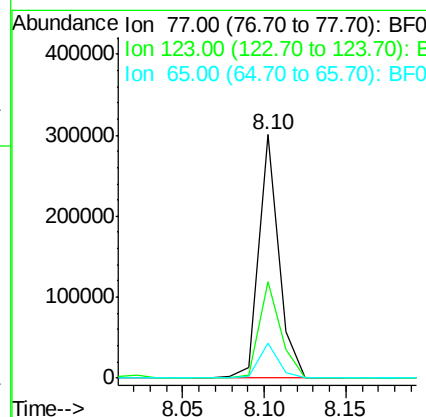
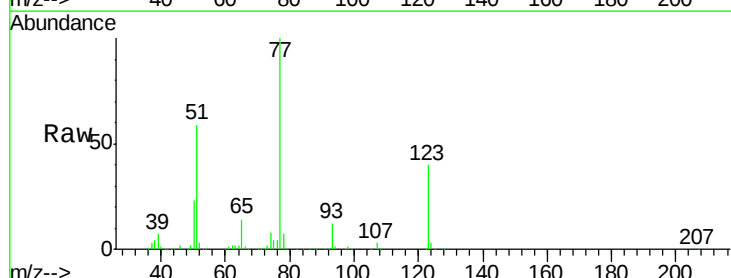
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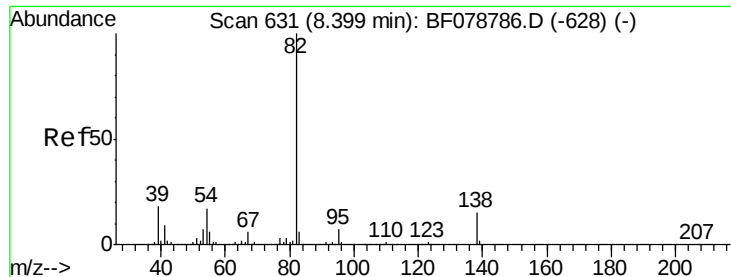
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#24
Nitrobenzene
Concen: 43.65 ng
RT: 8.10 min Scan# 605
Delta R.T. 0.00 min
Lab File: BF078802.D
Acq: 29 Apr 2015 4:33

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	39.7	31.8	47.8	
65	14.1	10.6	15.8	





#25

Isophorone

Concen: 40.84 ng

RT: 8.40 min Scan# 631

Delta R.T. 0.00 min

Lab File: BF078802.D

Acq: 29 Apr 2015 4:33

Instrument :

BNA_F

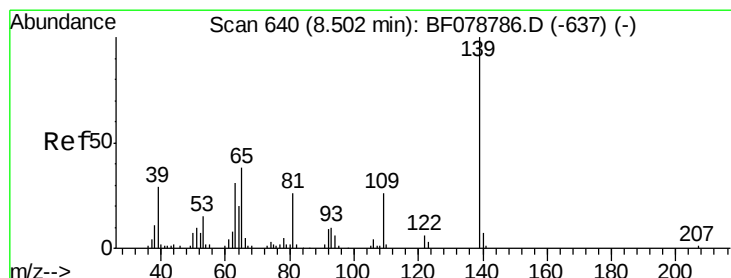
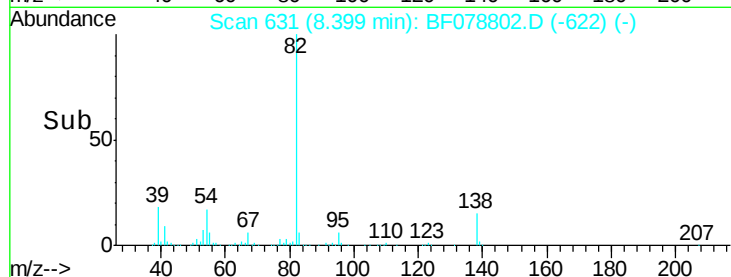
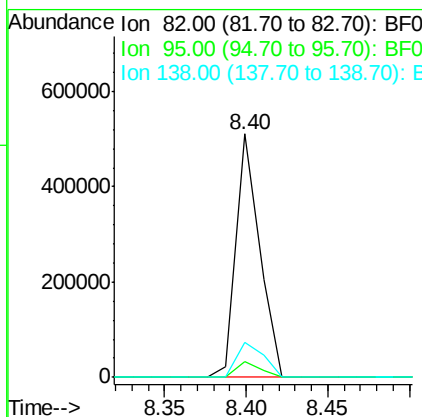
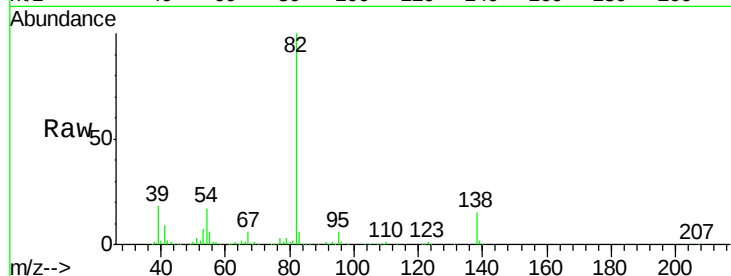
ClientSampleId :

PB83016BS

Tot Ion:	82	Resp:	507561
Ion Ratio	Lower	Upper	
82	100		
95	6.3	5.3	7.9
138	14.6	12.0	18.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.53 ng

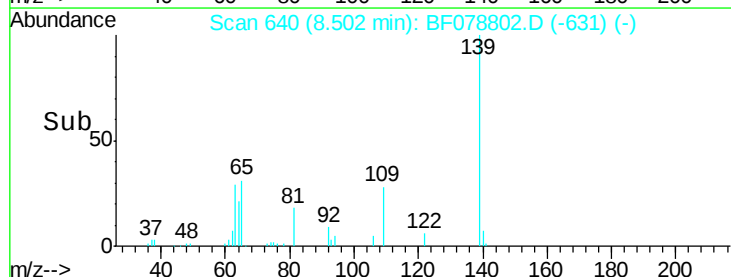
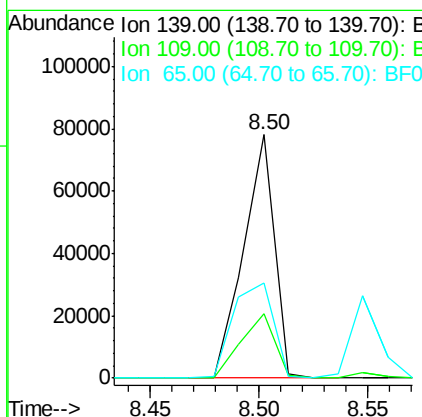
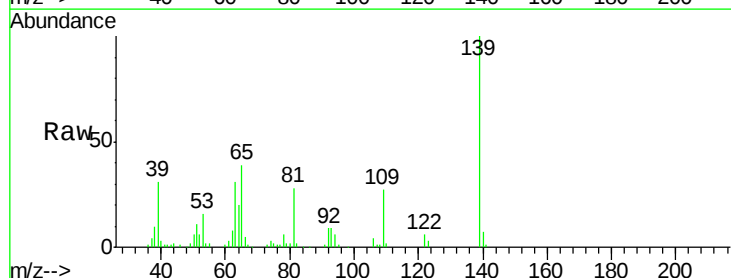
RT: 8.50 min Scan# 640

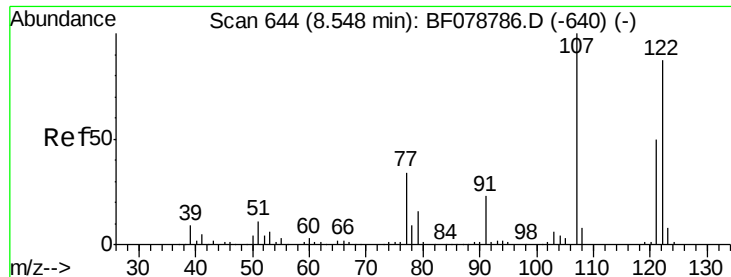
Delta R.T. 0.00 min

Lab File: BF078802.D

Acq: 29 Apr 2015 4:33

Tgt Ion:	139	Resp:	76663
Ion Ratio	Lower	Upper	
139	100		
109	26.6	21.0	31.4
65	39.1	30.5	45.7





#27

2,4-Dimethylphenol

Concen: 43.26 ng

RT: 8.55 min Scan# 644

Delta R.T. 0.00 min

Lab File: BF078802.D

Acq: 29 Apr 2015 4:33

Instrument :

BNA_F

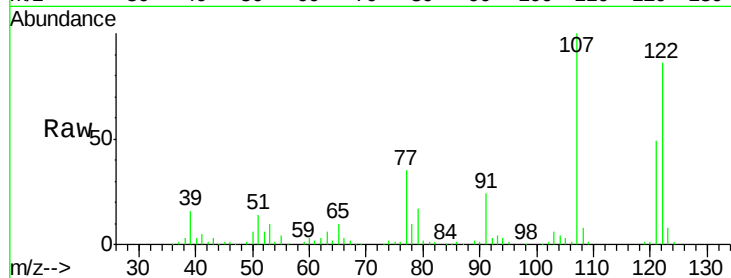
ClientSampleId :

PB83016BS

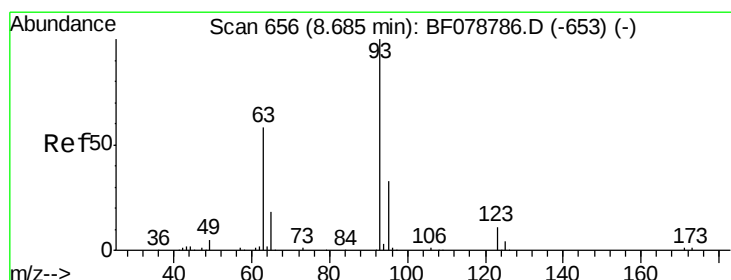
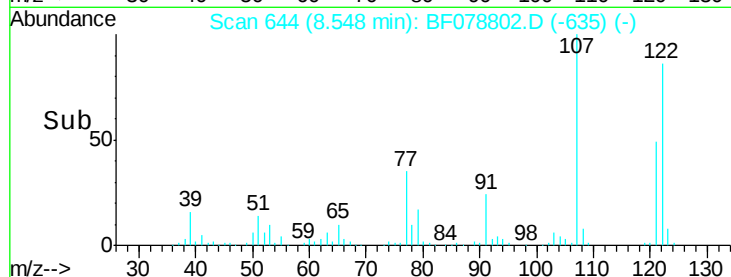
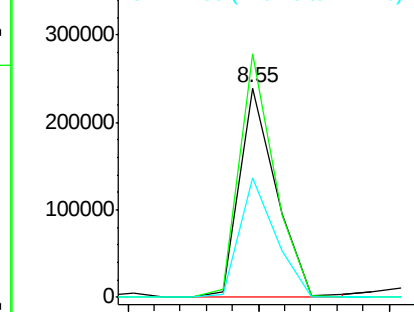
Tot Ion:	122	Resp:	238481
Ion Ratio	Lower	Upper	
122	100		
107	116.4	90.6	135.8
121	57.2	45.4	68.2

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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: 42.57 ng

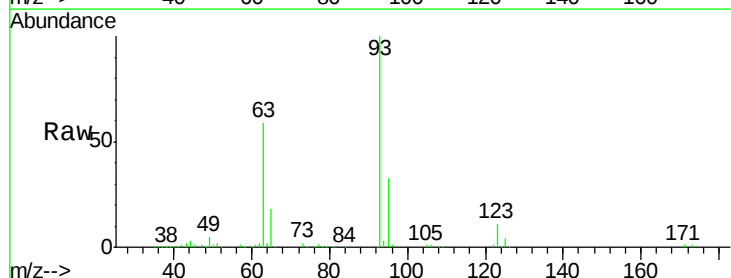
RT: 8.68 min Scan# 656

Delta R.T. 0.00 min

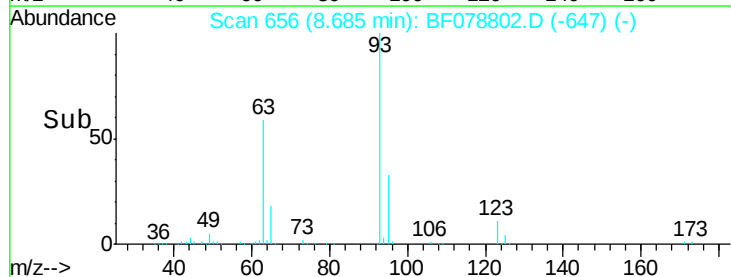
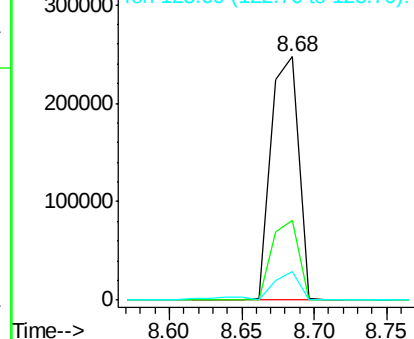
Lab File: BF078802.D

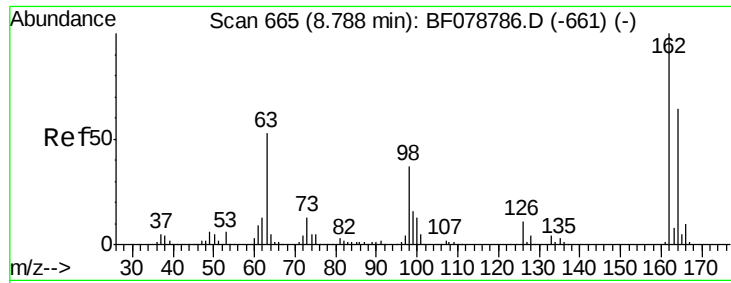
Acq: 29 Apr 2015 4:33

Tgt Ion:	93	Resp:	326676
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.7	40.1
123	11.5	9.1	13.7



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





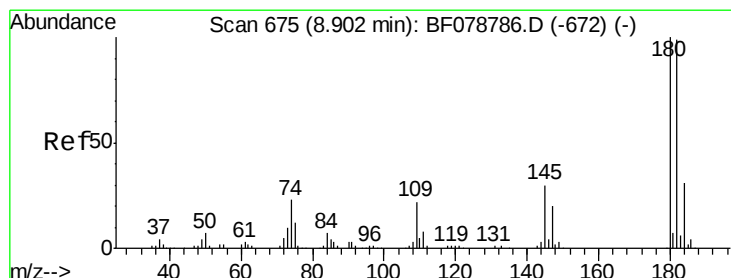
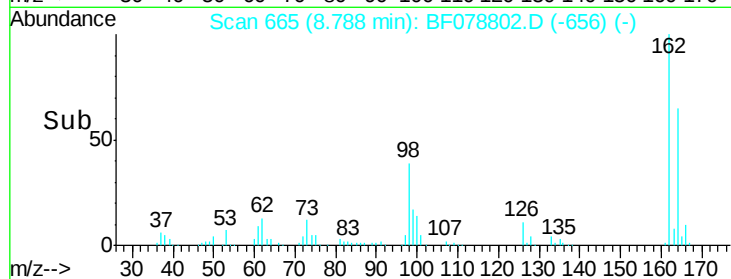
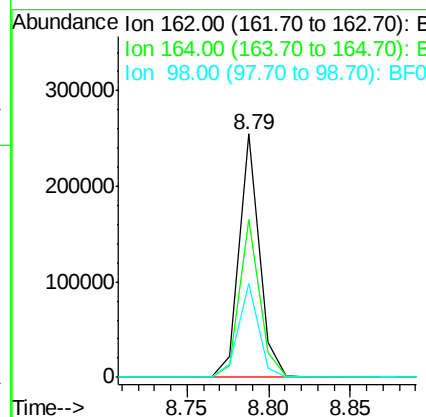
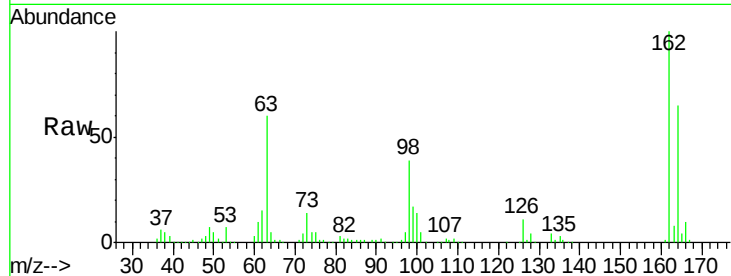
#29
 2,4-Dichlorophenol
 Concen: 46.07 ng
 RT: 8.79 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: BF078802.D
 Acq: 29 Apr 2015 4:33

Instrument :
 BNA_F
 ClientSampleId :
 PB83016BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.9	43.6	83.6
98	38.7	16.5	56.5

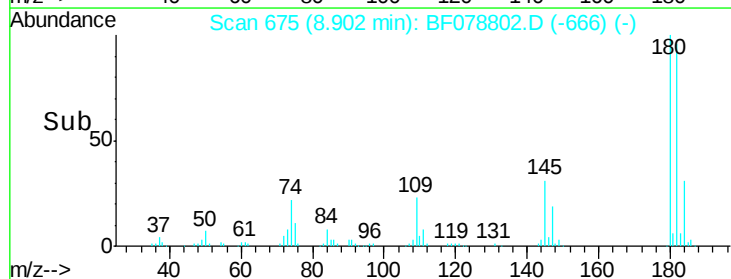
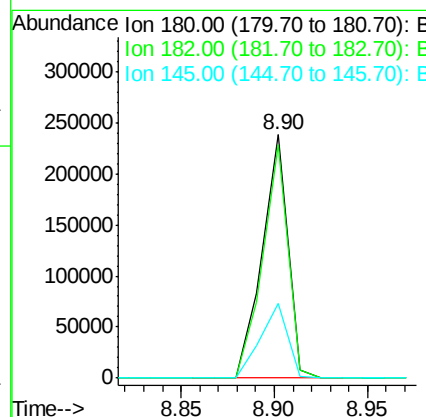
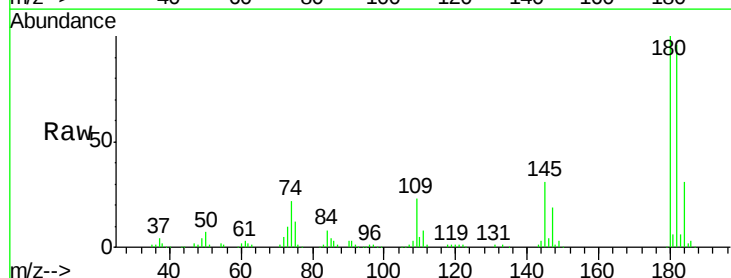
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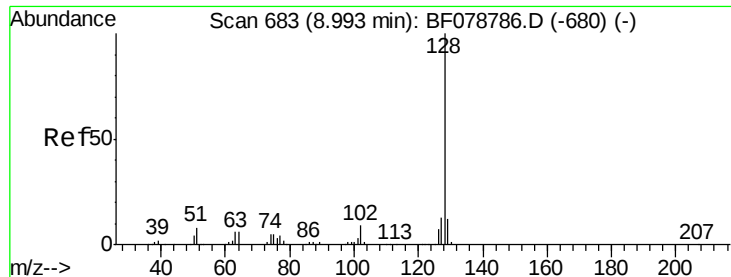
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.81 ng
 RT: 8.90 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: BF078802.D
 Acq: 29 Apr 2015 4:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.9	78.9	118.3
145	30.9	24.2	36.4





#31

Naphthalene

Concen: 40.39 ng

RT: 8.99 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF078802.D

Acq: 29 Apr 2015 4:33

Instrument :

BNA_F

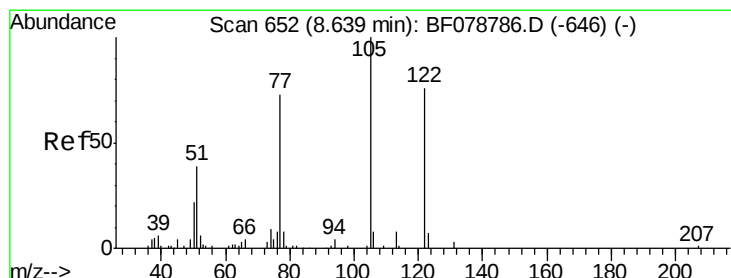
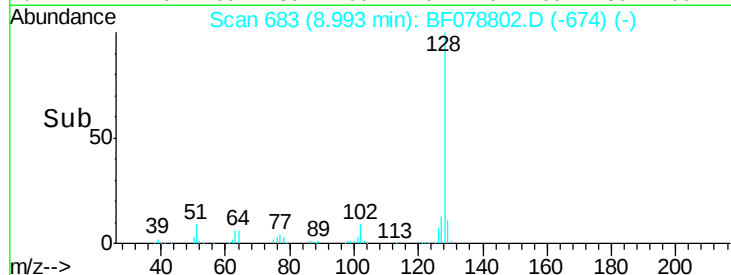
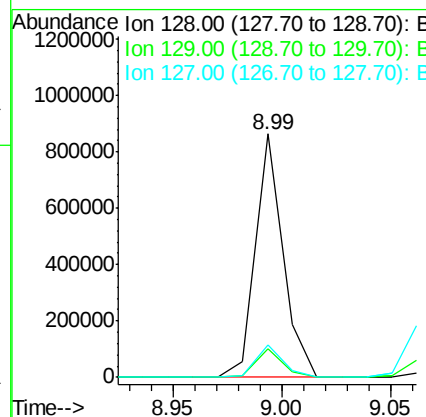
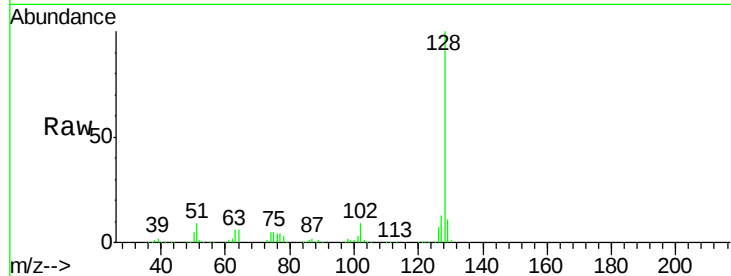
ClientSampleId :

PB83016BS

Tot Ion:	128	Resp:	758860
Ion Ratio		Lower	Upper
128	100		
129	11.5	9.3	13.9
127	13.5	10.7	16.1

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#32

Benzoic acid

Concen: 51.73 ng

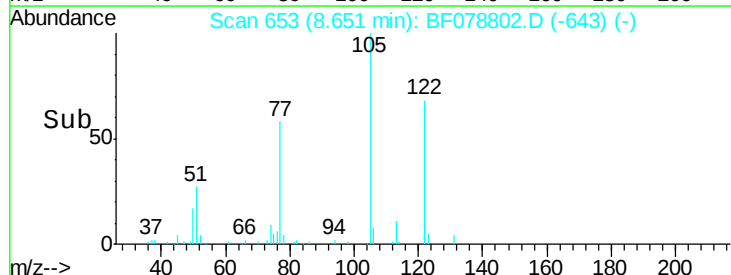
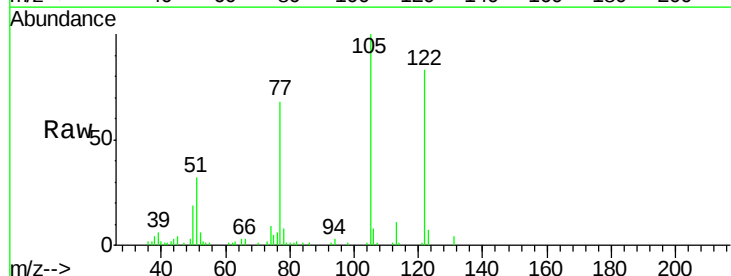
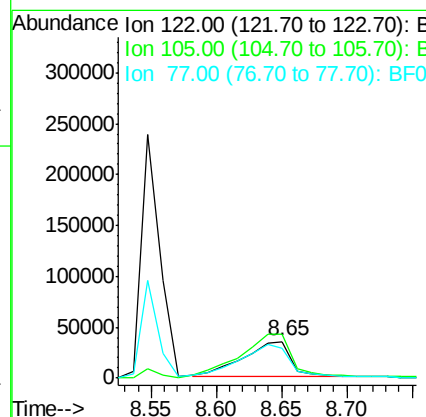
RT: 8.65 min Scan# 653

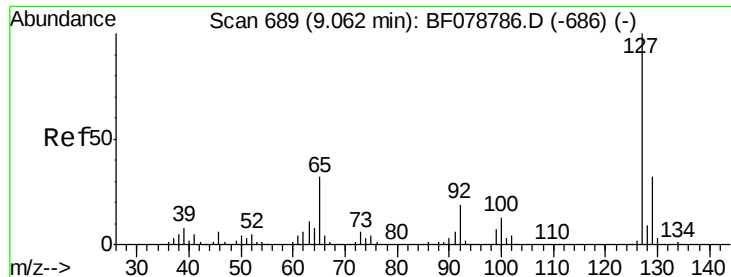
Delta R.T. 0.01 min

Lab File: BF078802.D

Acq: 29 Apr 2015 4:33

Tgt Ion:	122	Resp:	86554
Ion Ratio		Lower	Upper
122	100		
105	119.9	107.1	147.1
77	81.9	73.9	113.9





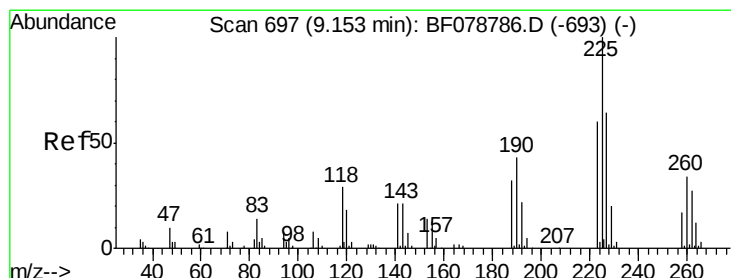
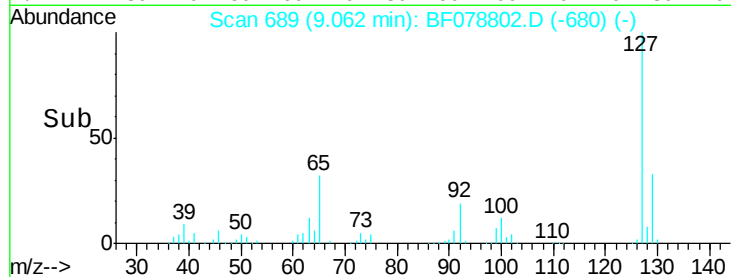
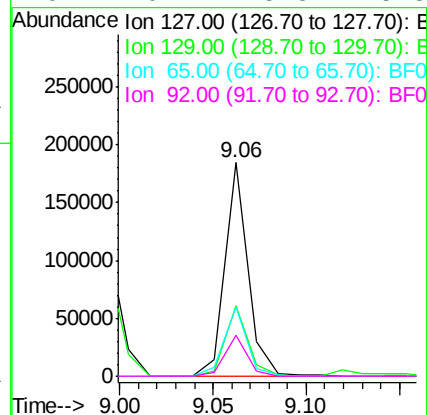
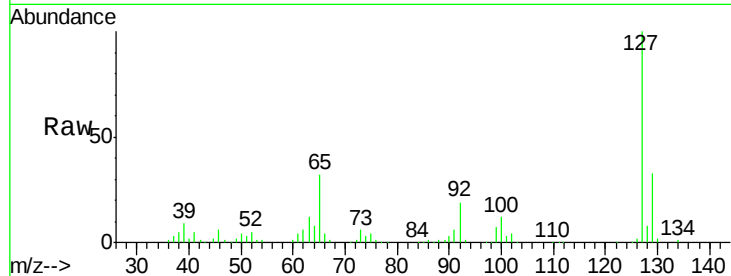
#33
4-Chloroaniline
Concen: 20.36 ng
RT: 9.06 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF078802.D
Acq: 29 Apr 2015 4:33

Instrument :
BNA_F
ClientSampleId :
PB83016BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		160988		
129	32.8	25.8	38.8		
65	32.4	25.8	38.6		
92	19.4	15.5	23.3		

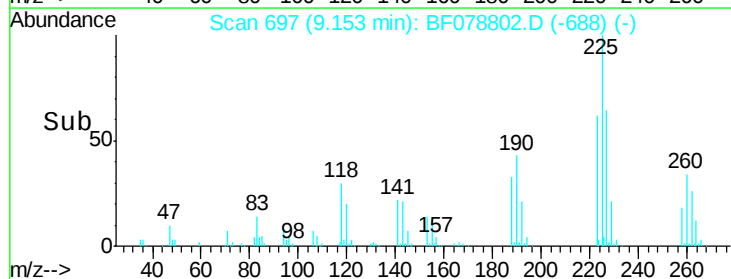
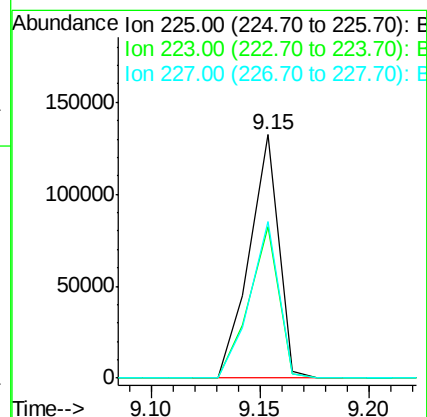
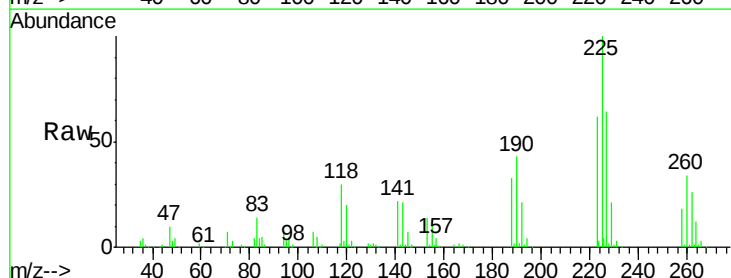
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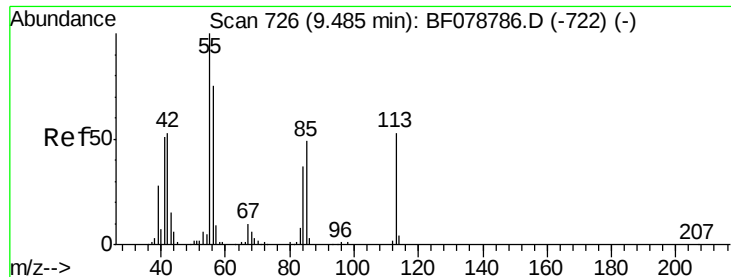
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#34
Hexachlorobutadiene
Concen: 40.70 ng
RT: 9.15 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF078802.D
Acq: 29 Apr 2015 4:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		124288		
223	62.3	48.2	72.4		
227	64.5	51.4	77.0		





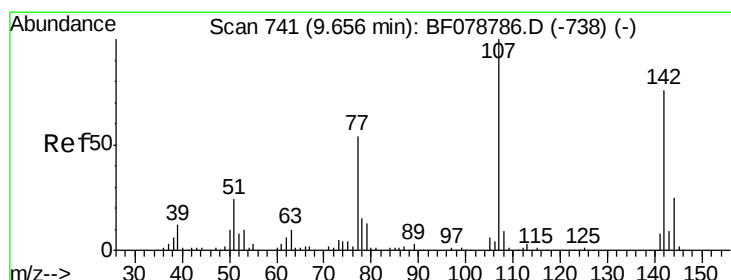
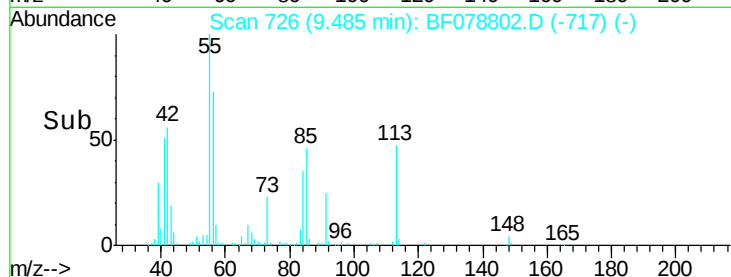
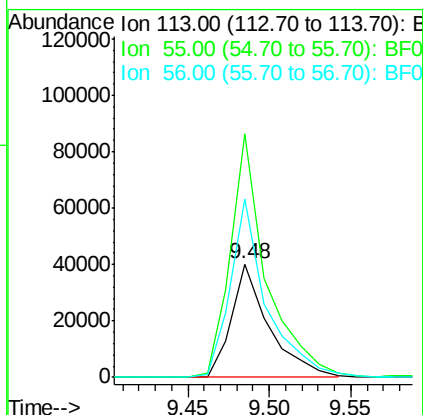
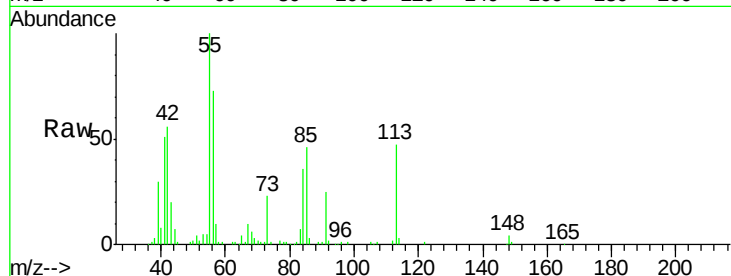
#35
 Caprolactam
 Concen: 42.81 ng
 RT: 9.48 min Scan# 726
 Delta R.T. 0.00 min
 Lab File: BF078802.D
 Acq: 29 Apr 2015 4:33

Instrument :
 BNA_F
 ClientSampleId :
 PB83016BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	214.2		169.7	209.7#	
56	157.2		122.5	162.5	

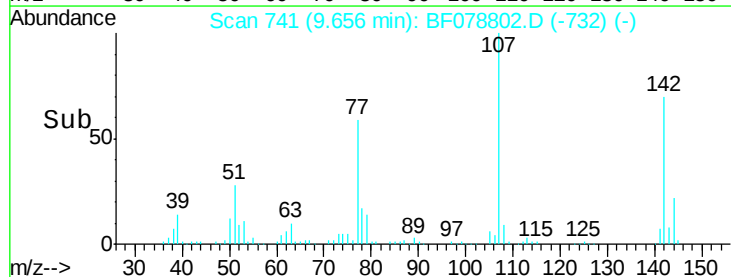
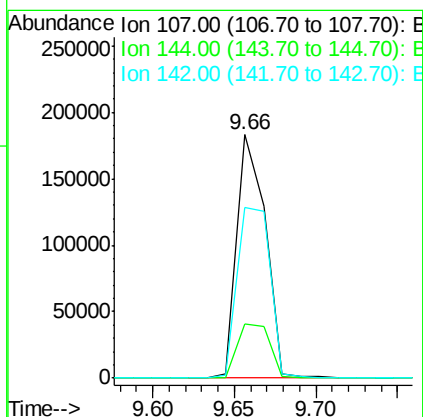
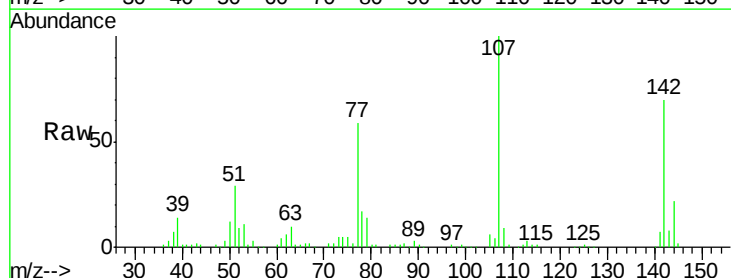
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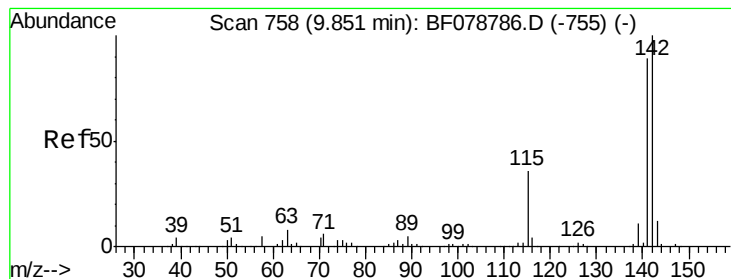
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#36
 4-Chloro-3-methylphenol
 Concen: 44.74 ng
 RT: 9.66 min Scan# 741
 Delta R.T. 0.00 min
 Lab File: BF078802.D
 Acq: 29 Apr 2015 4:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	22.2		19.8	29.6	
142	69.9		60.6	91.0	





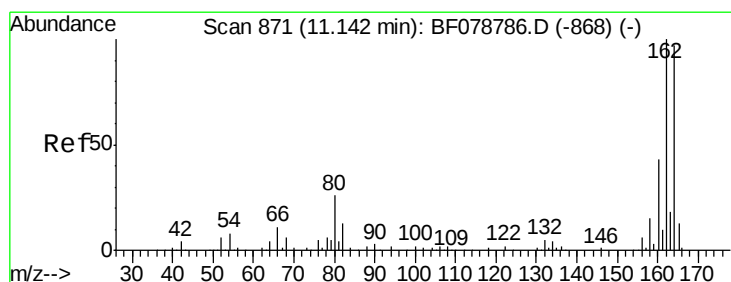
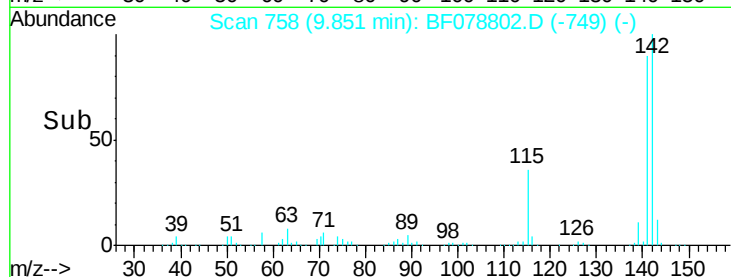
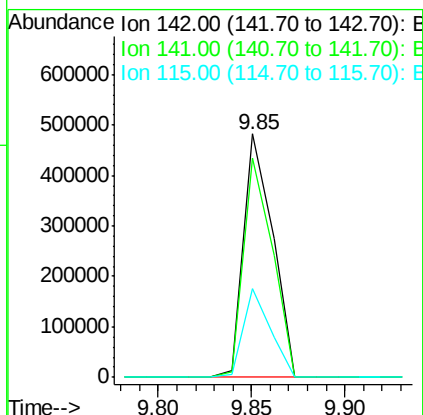
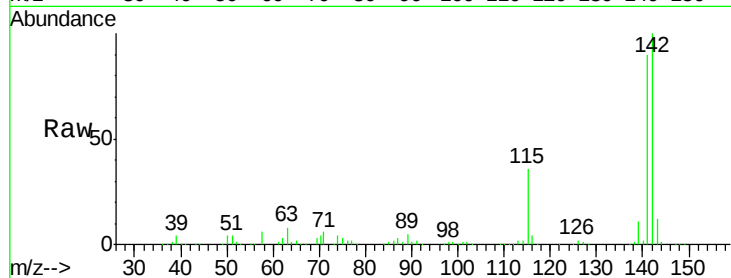
#37
2-Methylnaphthalene
Concen: 41.91 ng
RT: 9.85 min Scan# 758
Delta R.T. 0.00 min
Lab File: BF078802.D
Acq: 29 Apr 2015 4:33

Instrument :
BNA_F
ClientSampleId :
PB83016BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.9	106.3
115	36.2	28.5	42.7

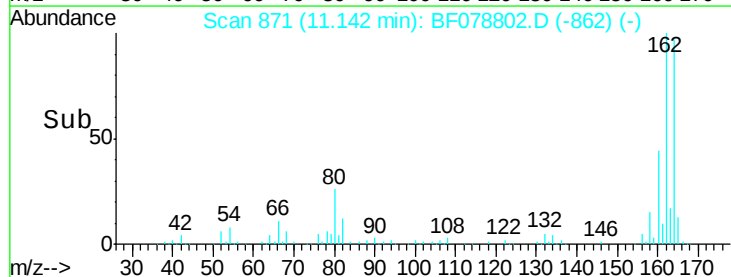
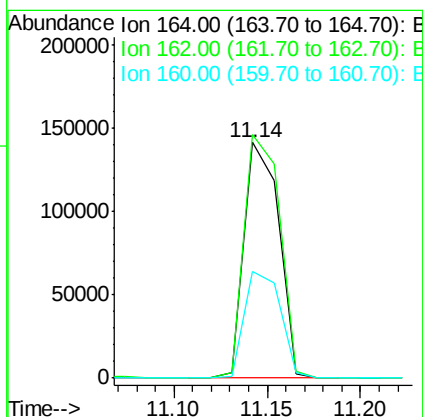
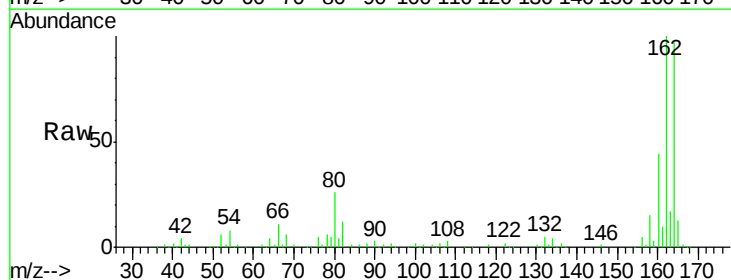
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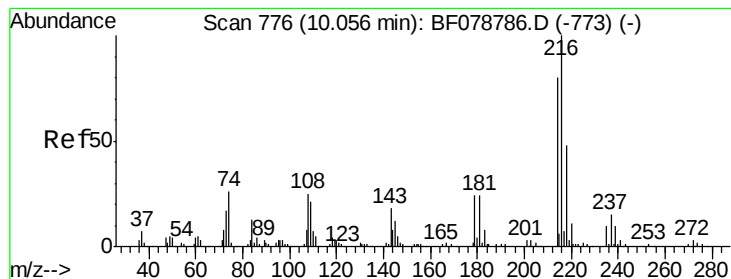
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF078802.D
Acq: 29 Apr 2015 4:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.7	124.1
160	45.1	35.8	53.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.52 ng

RT: 10.06 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF078802.D

Acq: 29 Apr 2015 4:33

Instrument :

BNA_F

ClientSampled :

PB83016BS

Tot Ion:216 Resp: 208950
Ion Ratio Lower Upper

216 100

214 78.8 0.0 0.0#

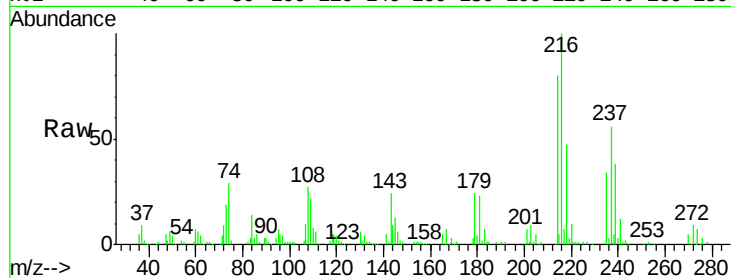
179 22.2 0.0 0.0#

108 25.8 0.0 0.0#

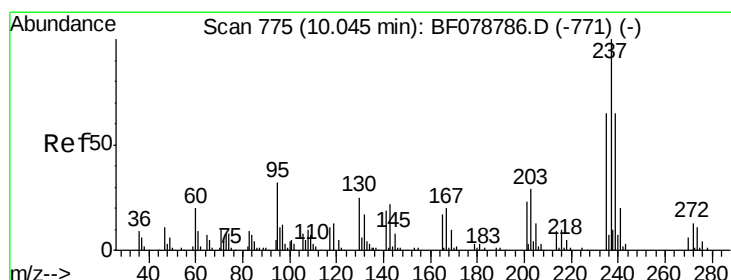
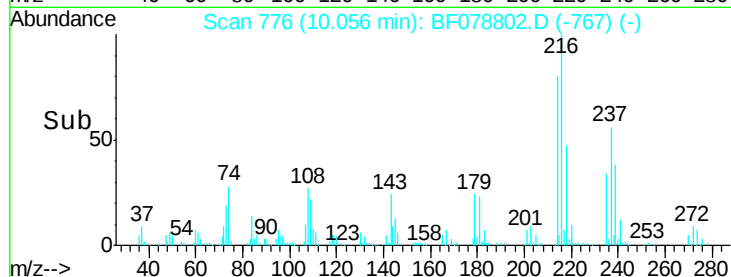
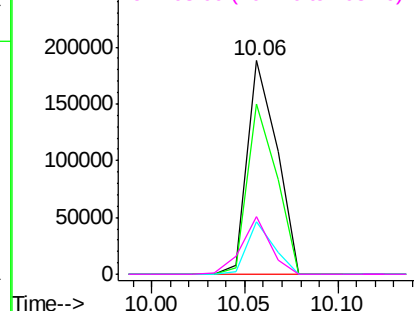
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Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 101.68 ng

RT: 10.04 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF078802.D

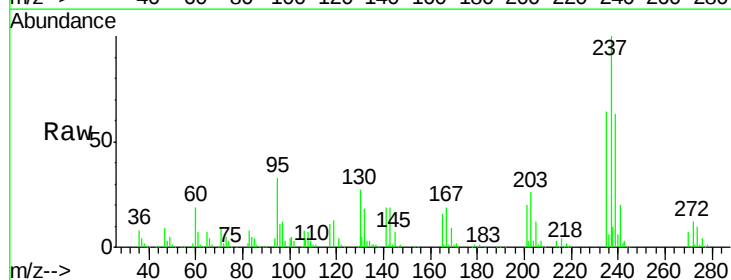
Acq: 29 Apr 2015 4:33

Tgt Ion:237 Resp: 220378
Ion Ratio Lower Upper

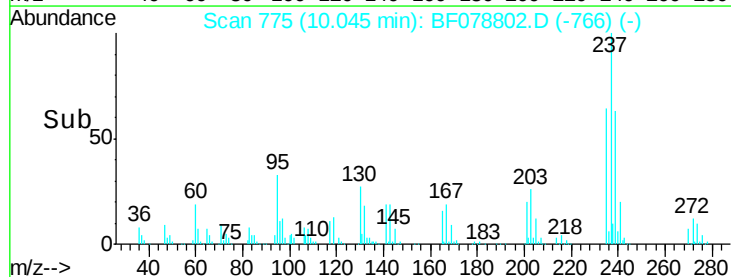
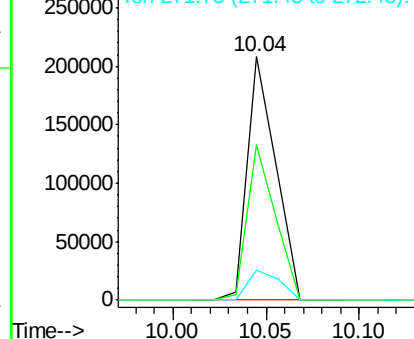
237 100

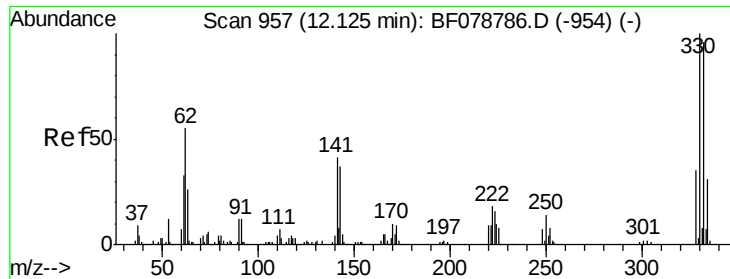
235 63.9 44.7 84.7

272 12.1 0.0 32.6



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





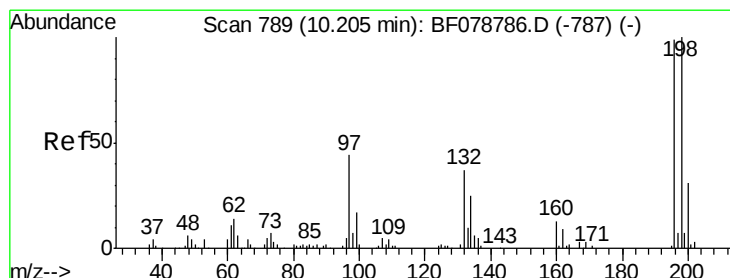
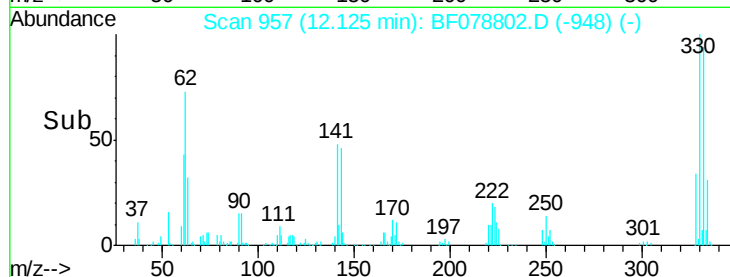
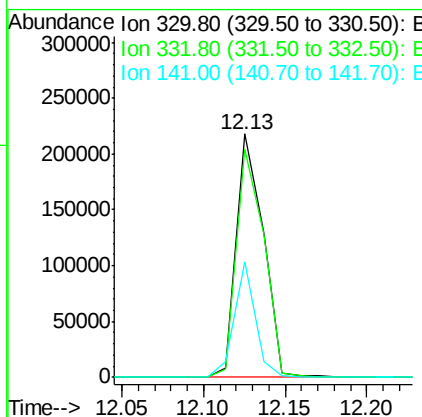
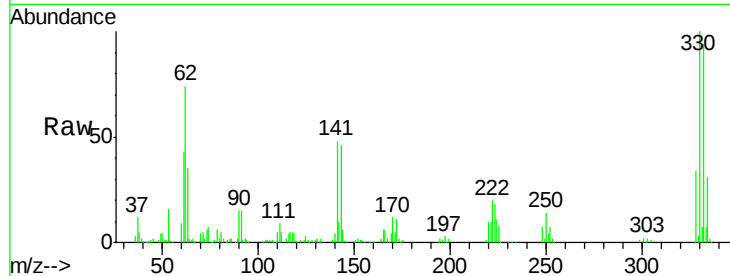
#41
 2,4,6-Tribromophenol
 Concen: 137.31 ng
 RT: 12.13 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: BF078802.D
 Acq: 29 Apr 2015 4:33

Instrument :
 BNA_F
 ClientSampled :
 PB83016BS

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	95.7	0.0	0.0#
141	36.9	0.0	0.0#

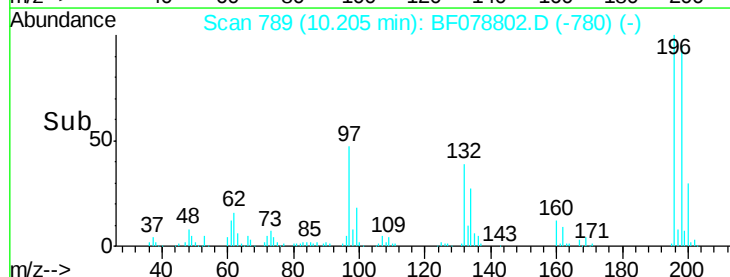
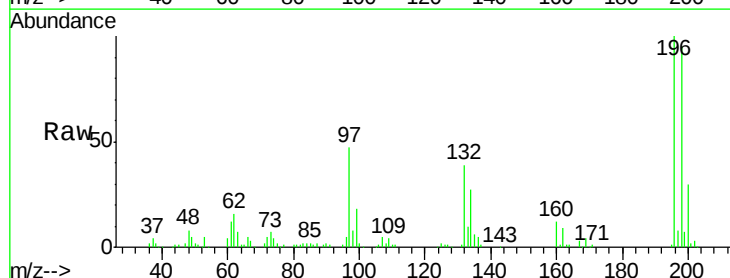
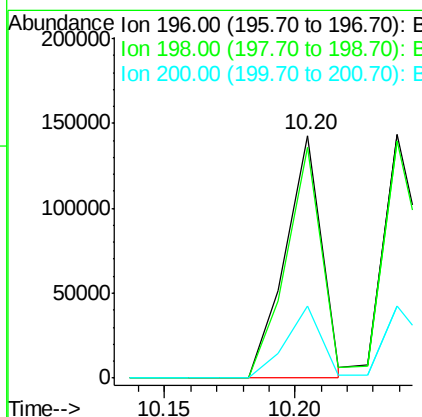
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#42
 2,4,6-Trichlorophenol
 Concen: 43.94 ng
 RT: 10.20 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF078802.D
 Acq: 29 Apr 2015 4:33

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	95.0	80.5	120.7
200	29.6	24.9	37.3





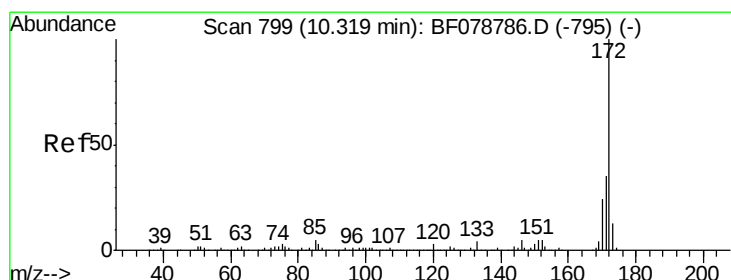
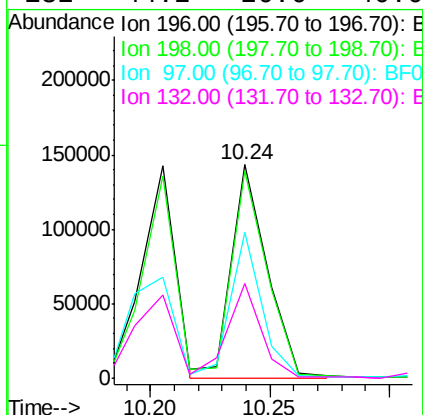
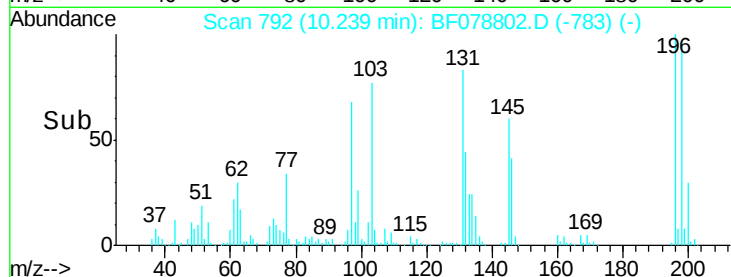
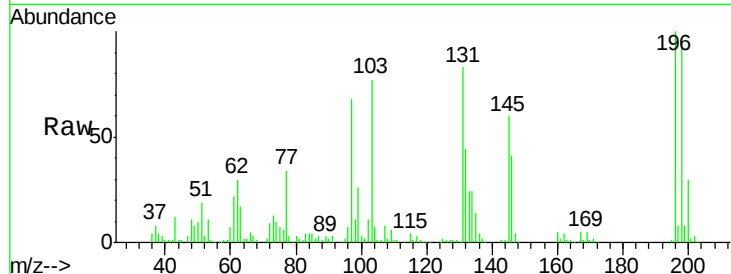
#43
 2,4,5-Trichlorophenol
 Concen: 44.50 ng/mL
 RT: 10.24 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF078802.D
 Acq: 29 Apr 2015 4:33

Instrument :
 BNA_F
 ClientSampleID :
 PB83016BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		148808		
198	97.3	79.8	119.6		
97	68.3	46.0	69.0		
132	44.2	26.6	40.0		

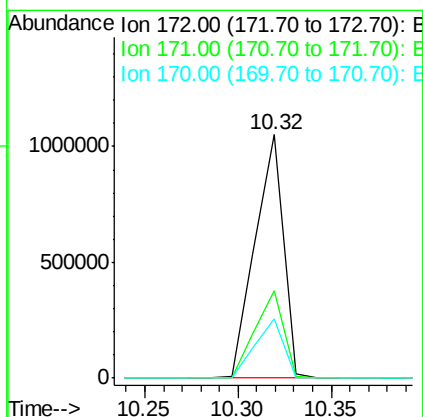
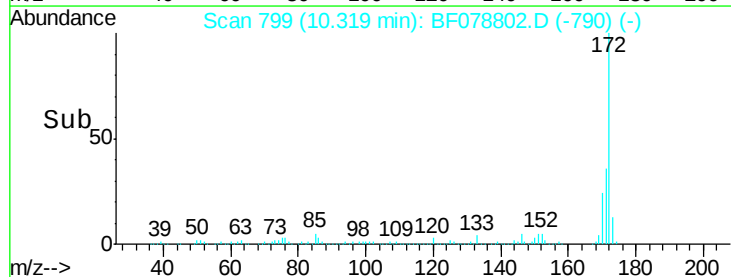
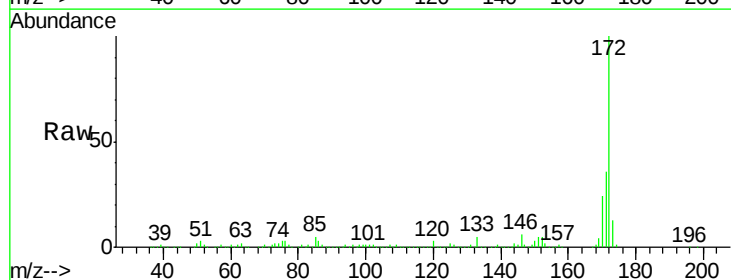
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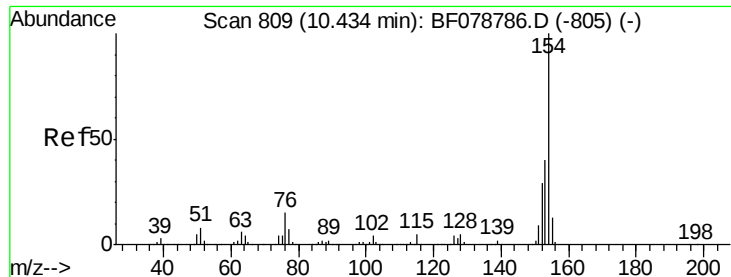
apatel
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#44
 2-Fluorobiphenyl
 Concen: 82.93 ng/mL
 RT: 10.32 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF078802.D
 Acq: 29 Apr 2015 4:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1102012		
171	35.9	27.9	41.9		
170	24.3	19.4	29.0		





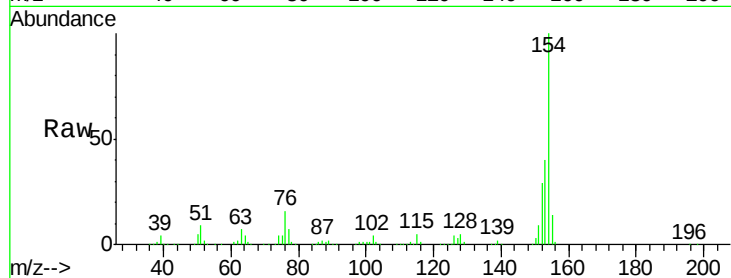
#45
 1,1'-Biphenyl
 Concen: 42.79 ng
 RT: 10.43 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF078802.D
 Acq: 29 Apr 2015 4:33

Instrument :
 BNA_F
 ClientSampleId :
 PB83016BS

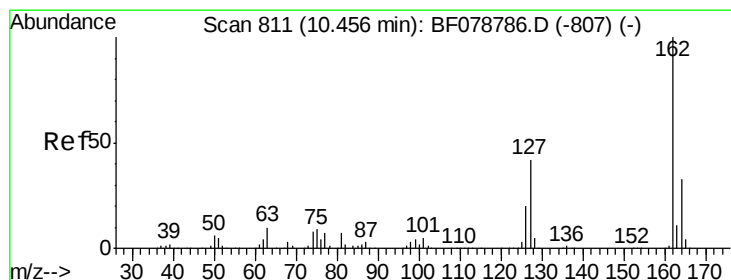
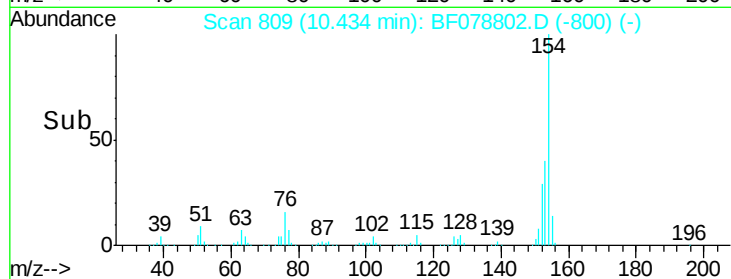
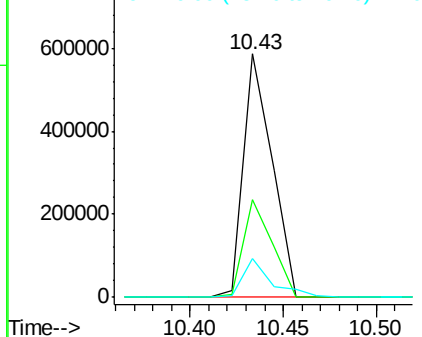
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.2	19.9	59.9	
76	15.9	0.0	35.0	

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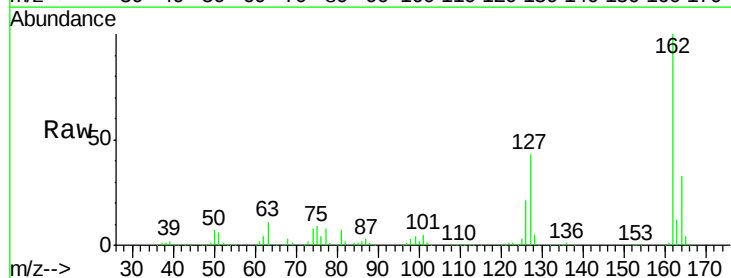


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

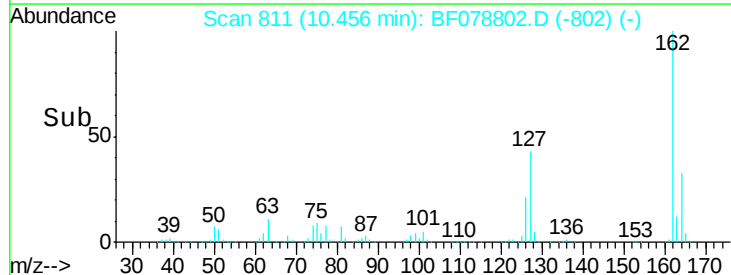
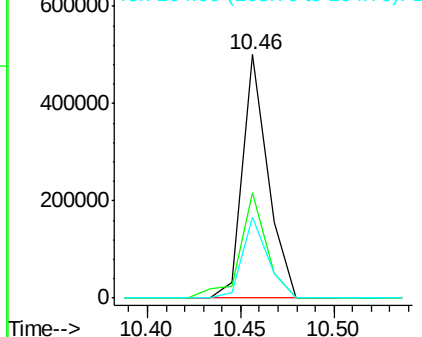


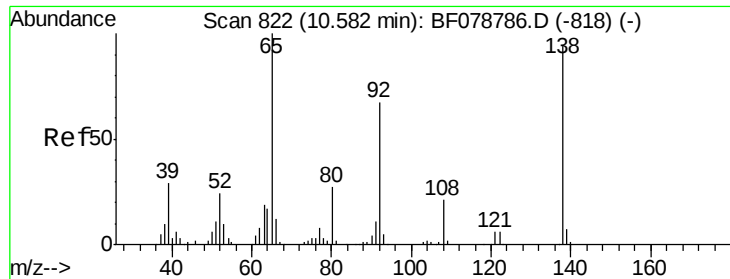
#46
 2-Chloronaphthalene
 Concen: 41.44 ng
 RT: 10.46 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF078802.D
 Acq: 29 Apr 2015 4:33

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	43.0	33.9	50.9	
164	33.1	26.3	39.5	



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





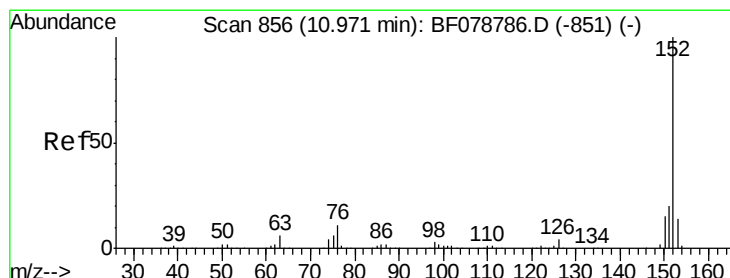
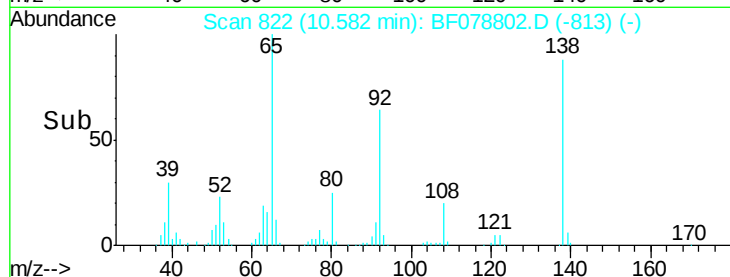
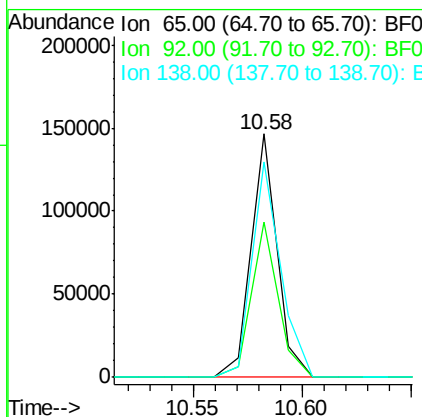
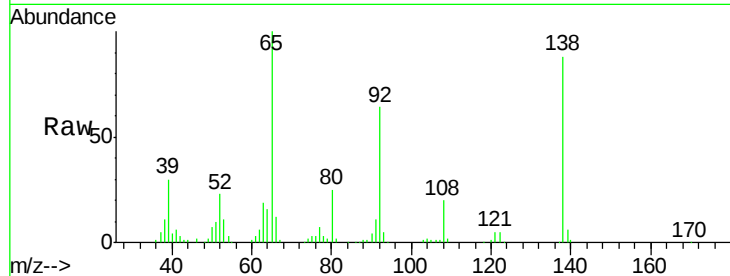
#47
2-Nitroaniline
Concen: 48.71 ng
RT: 10.58 min Scan# 822
Delta R.T. 0.00 min
Lab File: BF078802.D
Acq: 29 Apr 2015 4:33

Instrument :
BNA_F
ClientSampleId :
PB83016BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.8	54.0	81.0
138	88.4	75.0	112.6

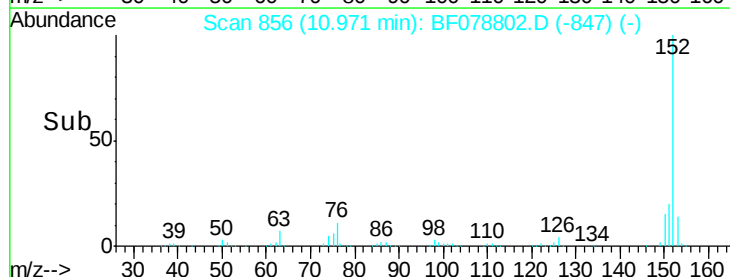
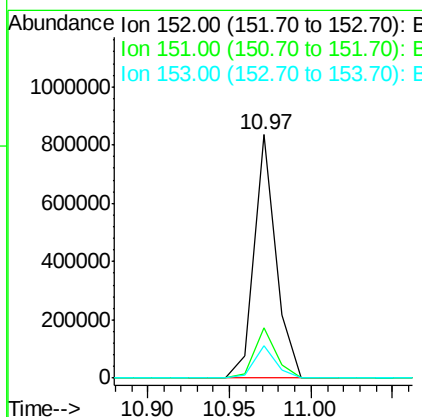
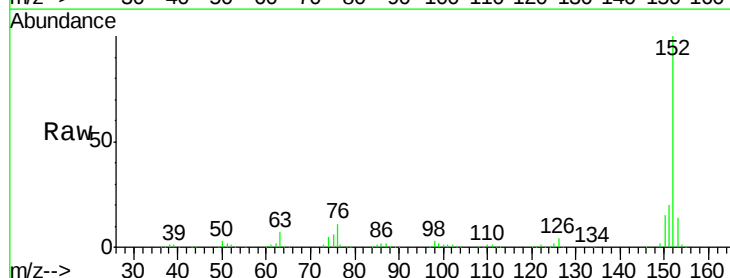
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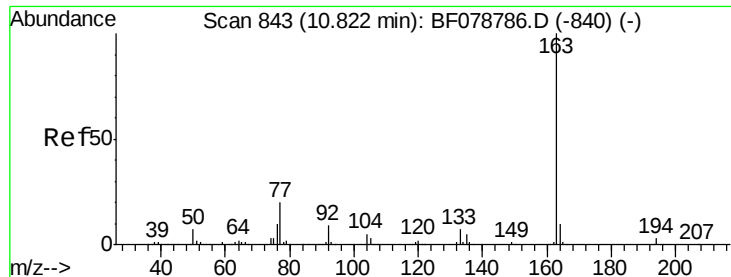
apatel
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#48
Acenaphthylene
Concen: 41.64 ng
RT: 10.97 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF078802.D
Acq: 29 Apr 2015 4:33

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4
153	13.5	10.9	16.3





#49

Dimethylphthalate

Concen: 44.59 ng

RT: 10.82 min Scan# 843

Delta R.T. 0.00 min

Lab File: BF078802.D

Acq: 29 Apr 2015 4:33

Instrument :

BNA_F

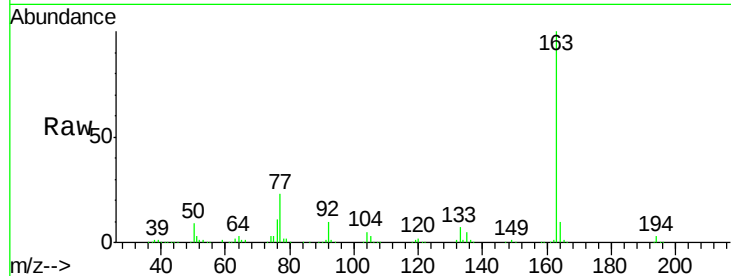
ClientSampleId :

PB83016BS

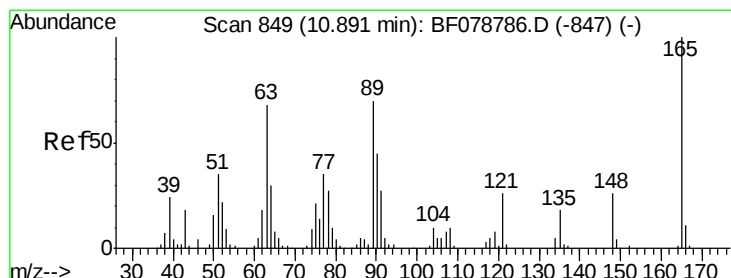
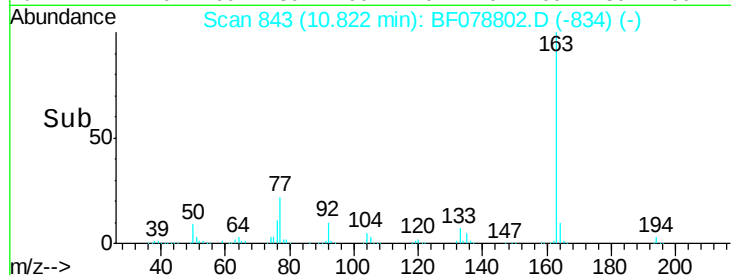
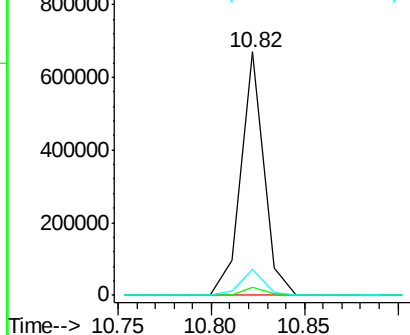
Tot Ion:	163	Resp:	576880
Ion Ratio	Lower	Upper	
163	100		
194	3.2	2.6	4.0
164	10.5	8.1	12.1

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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 48.59 ng

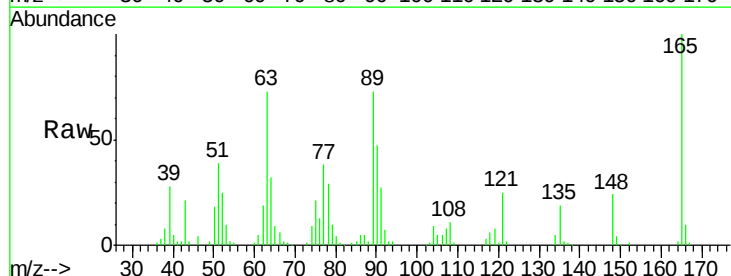
RT: 10.89 min Scan# 849

Delta R.T. 0.00 min

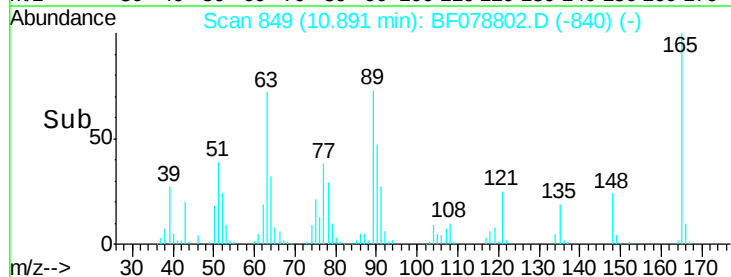
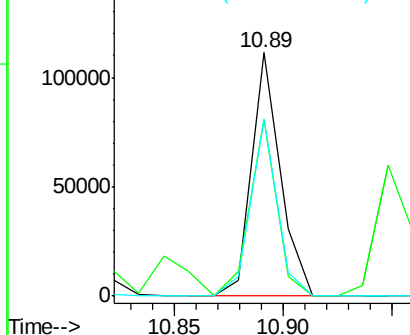
Lab File: BF078802.D

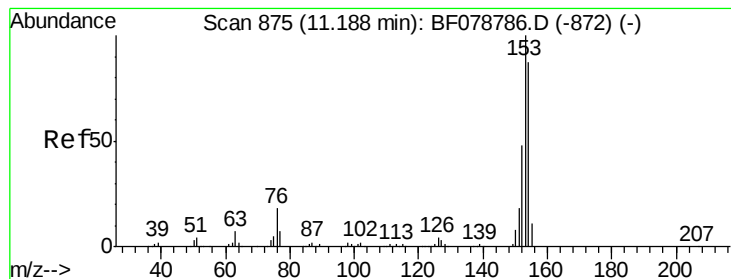
Acq: 29 Apr 2015 4:33

Tgt Ion:	165	Resp:	102404
Ion Ratio	Lower	Upper	
165	100		
63	72.7	54.4	81.6
89	72.6	55.7	83.5



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 45.03 ng

RT: 11.19 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF078802.D

Acq: 29 Apr 2015 4:33

Instrument :

BNA_F

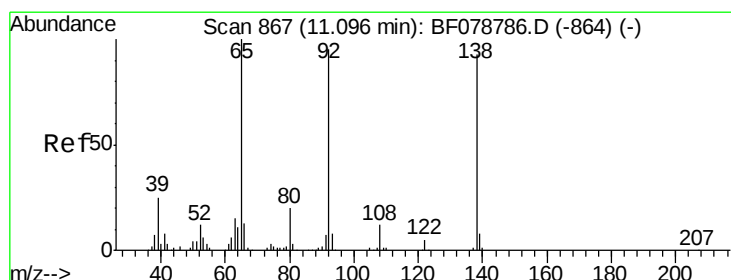
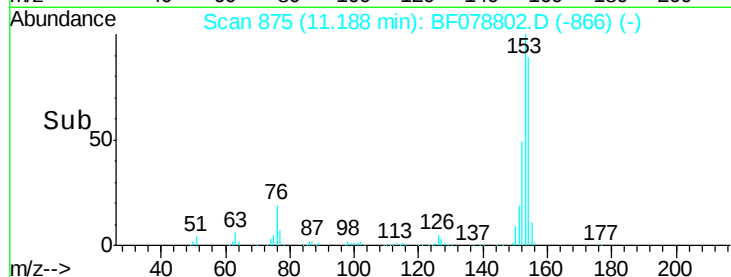
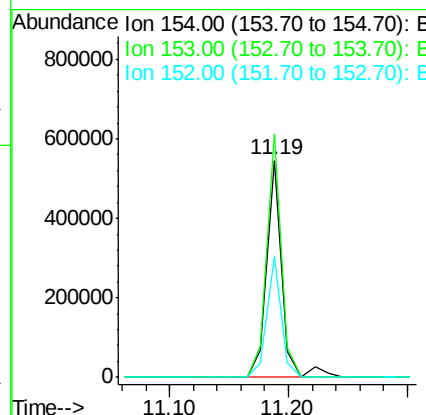
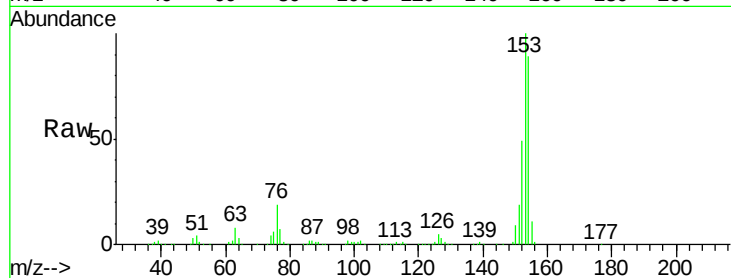
ClientSampleId :

PB83016BS

Tot Ion:	154	Resp:	493932
Ion Ratio	Lower	Upper	
154	100		
153	112.2	91.5	137.3
152	55.4	44.2	66.4

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#52

3-Nitroaniline

Concen: 29.28 ng

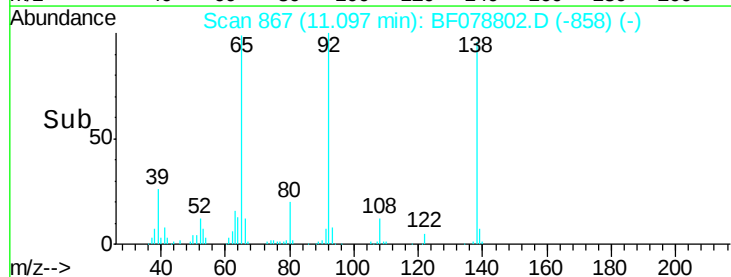
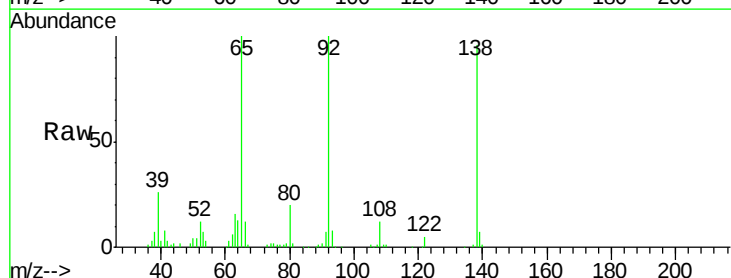
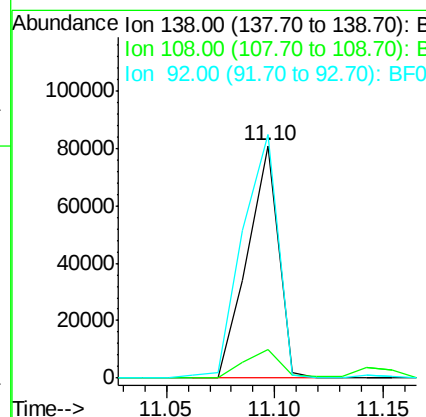
RT: 11.10 min Scan# 867

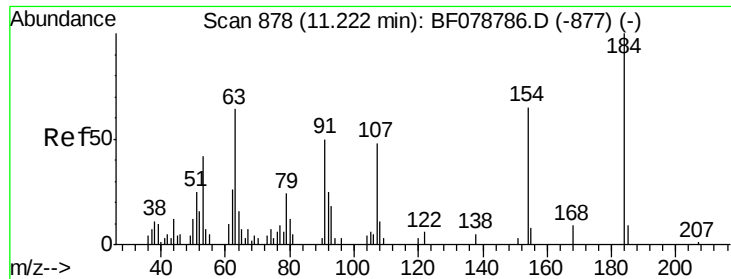
Delta R.T. 0.00 min

Lab File: BF078802.D

Acq: 29 Apr 2015 4:33

Tgt Ion:	138	Resp:	80056
Ion Ratio	Lower	Upper	
138	100		
108	12.2	10.6	16.0
92	104.7	81.8	122.6





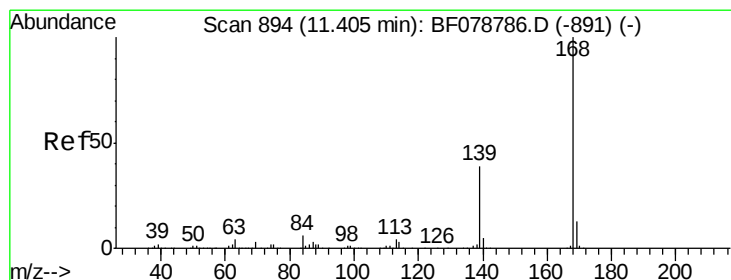
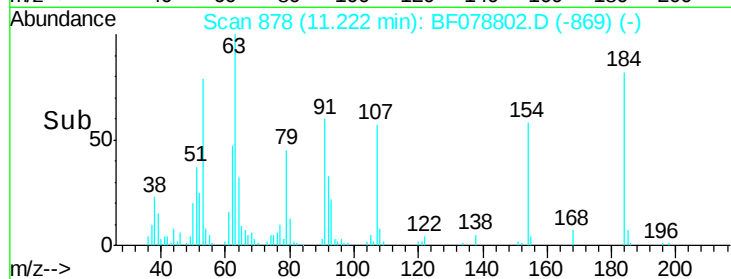
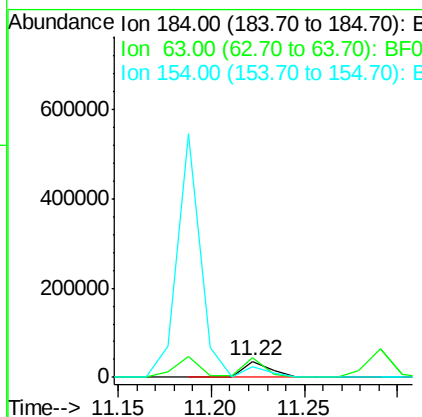
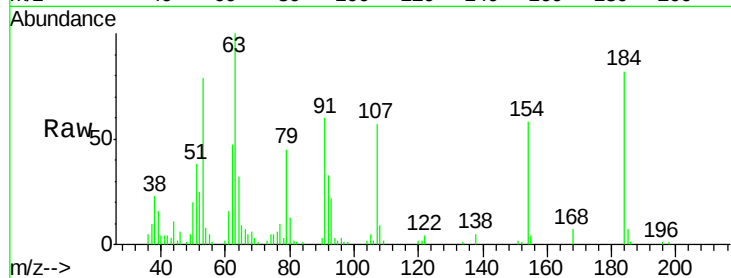
#53
 2,4-Dinitrophenol
 Concen: 110.87 ng
 RT: 11.22 min Scan# 878
 Delta R.T. 0.00 min
 Lab File: BF078802.D
 Acq: 29 Apr 2015 4:33

Instrument :
 BNA_F
 ClientSampleId :
 PB83016BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	36999		
63	122.6	63.3	94.9#	
154	71.2	53.8	80.6	

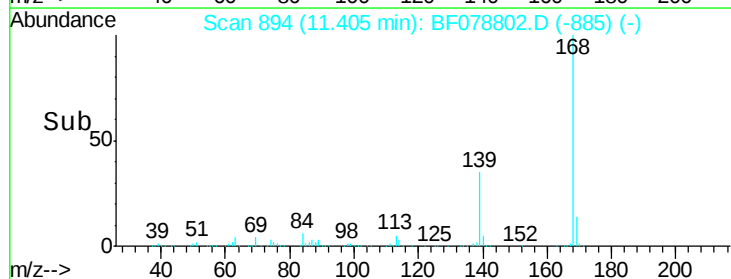
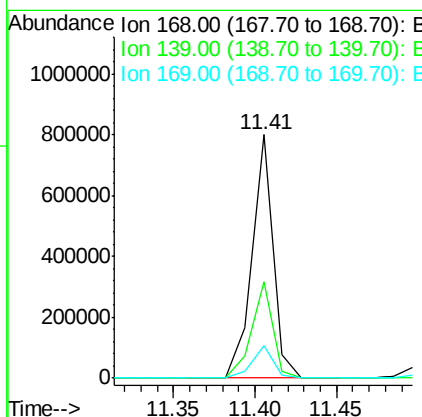
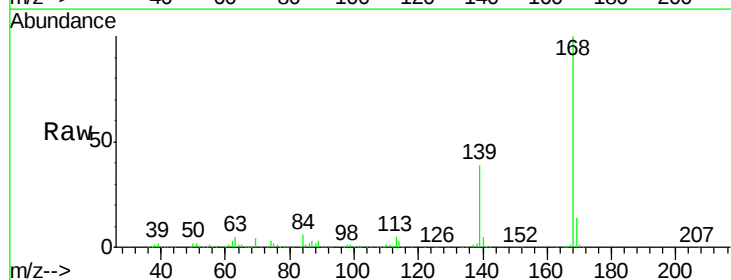
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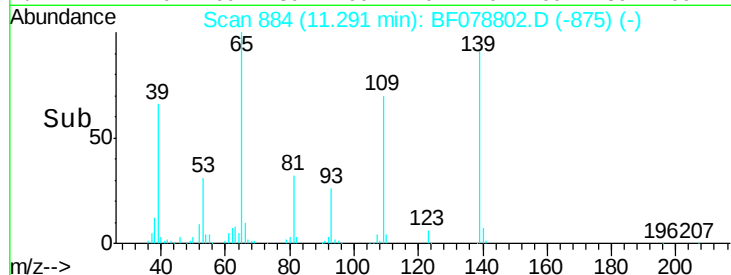
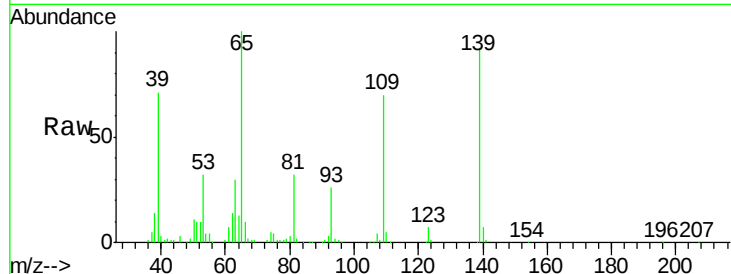
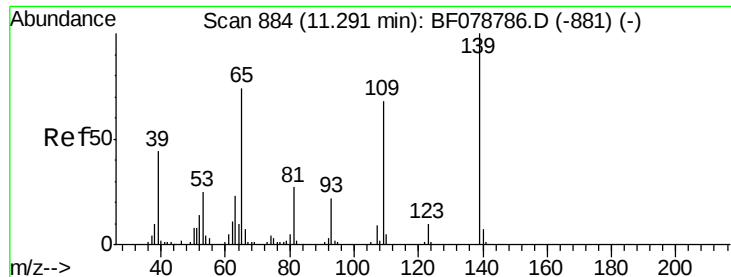
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#54
 Dibenzofuran
 Concen: 44.59 ng
 RT: 11.41 min Scan# 894
 Delta R.T. 0.00 min
 Lab File: BF078802.D
 Acq: 29 Apr 2015 4:33

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	717463		
139	39.4	31.0	46.4	
169	13.5	10.6	16.0	





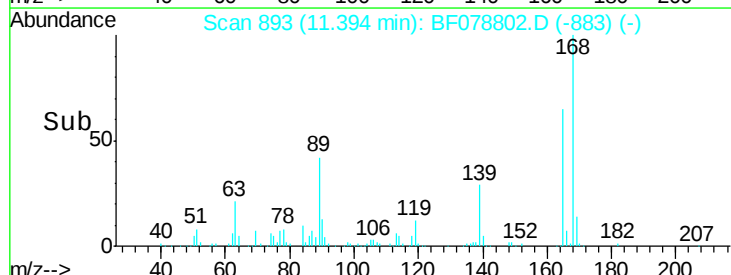
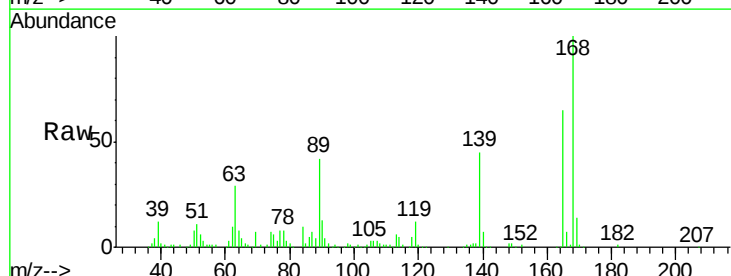
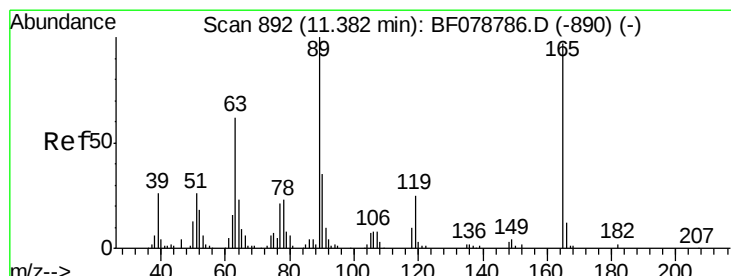
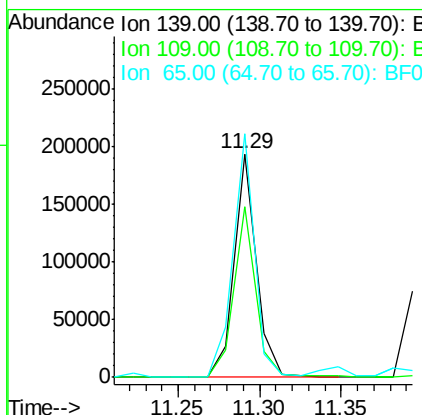
#55
4-Nitrophenol
Concen: 82.62 ng
RT: 11.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF078802.D
Acq: 29 Apr 2015 4:33

Tot Ion	Ratio	Resp	Lower	Upper
139	100	181809		
109	76.2	47.6	87.6	
65	108.9	54.3	94.3	

Instrument :
BNA_F
ClientSampleId :
PB83016BS

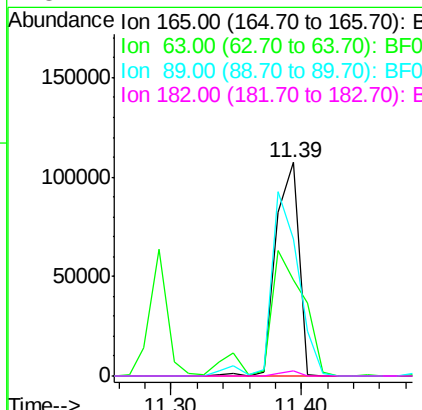
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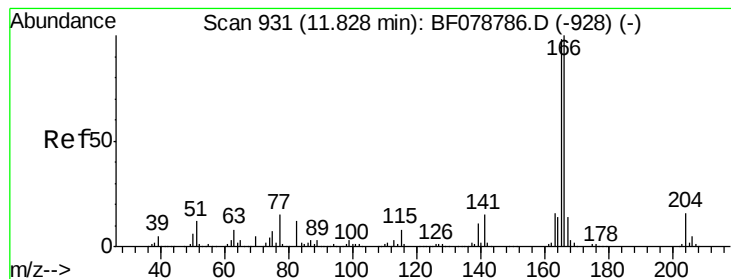
apatel
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#56
2,4-Dinitrotoluene
Concen: 51.36 ng
RT: 11.39 min Scan# 893
Delta R.T. 0.01 min
Lab File: BF078802.D
Acq: 29 Apr 2015 4:33

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	133141		
63	45.1	51.2	76.8	
89	64.0	82.7	124.1	
182	2.2	1.4	2.2	





#57

Fluorene

Concen: 43.73 ng

RT: 11.83 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF078802.D

Acq: 29 Apr 2015 4:33

Instrument :

BNA_F

ClientSampleId :

PB83016BS

Tot Ion:166 Resp: 562428

Ion Ratio Lower Upper

166 100

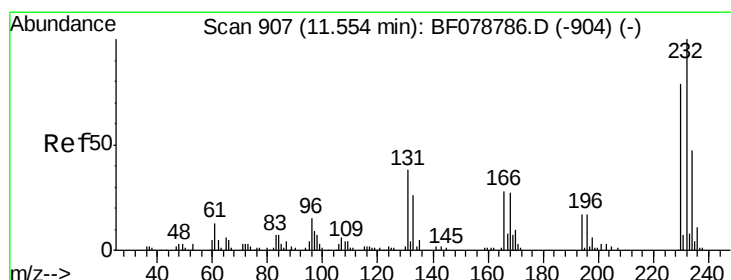
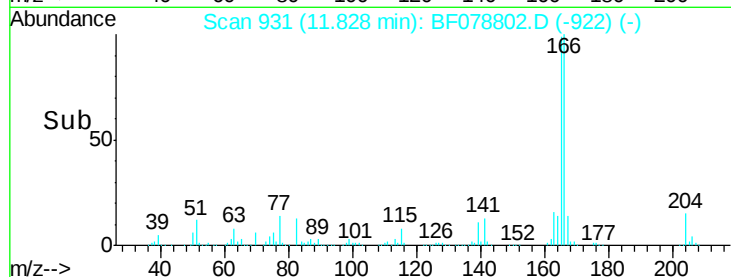
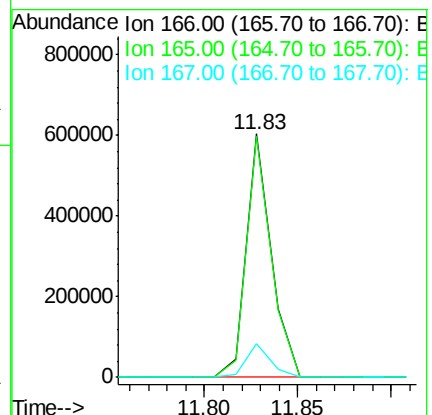
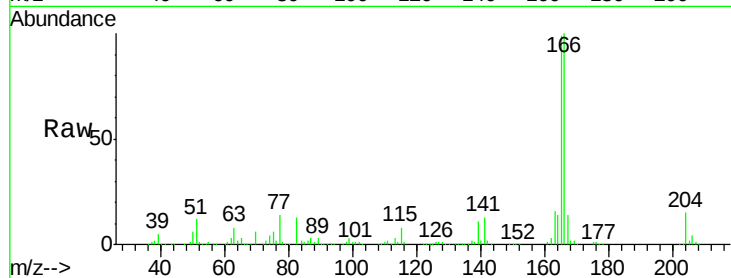
165 99.1 78.5 117.7

167 13.7 11.0 16.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 47.43 ng

RT: 11.55 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF078802.D

Acq: 29 Apr 2015 4:33

Tgt Ion:232 Resp: 118779

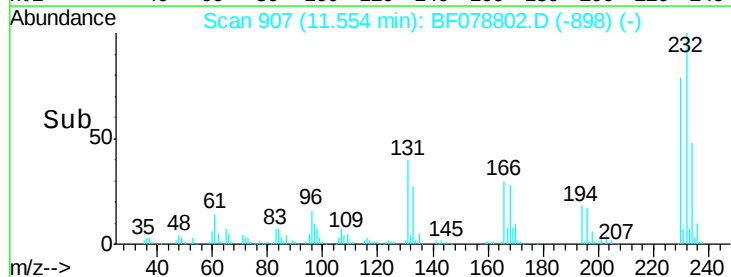
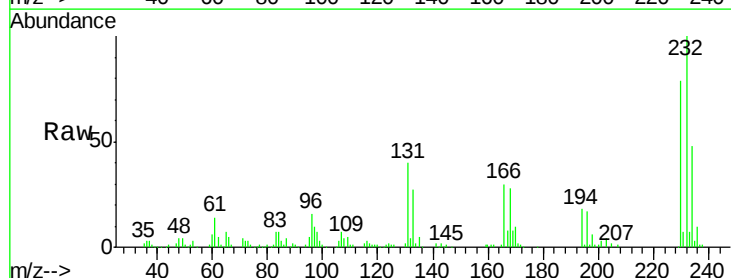
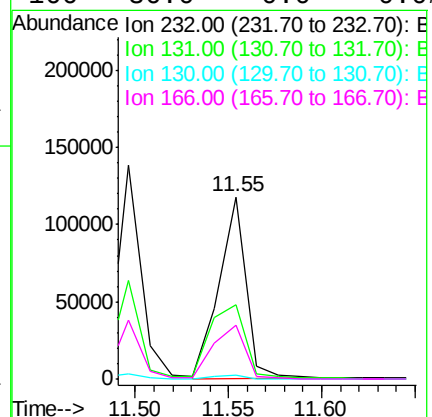
Ion Ratio Lower Upper

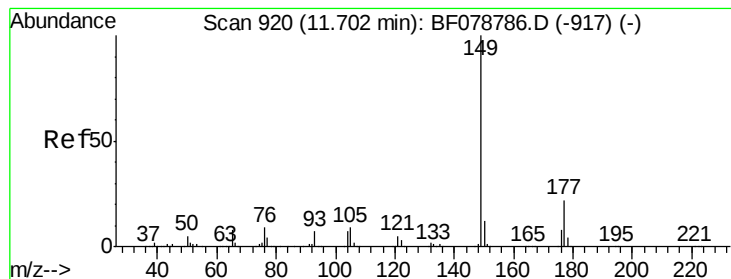
232 100

131 52.5 0.0 0.0#

130 2.5 0.0 0.0#

166 36.0 0.0 0.0#





#59

Diethylphthalate

Concen: 45.25 ng

RT: 11.70 min Scan# 920

Delta R.T. 0.00 min

Lab File: BF078802.D

Acq: 29 Apr 2015 4:33

Instrument :

BNA_F

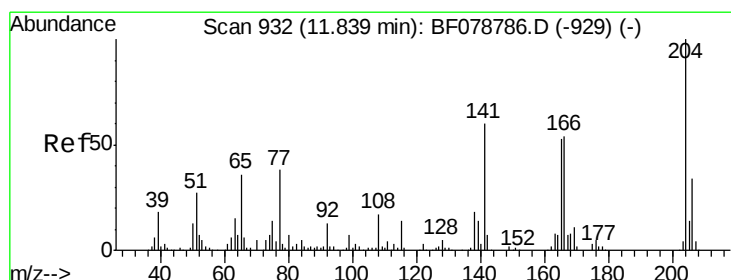
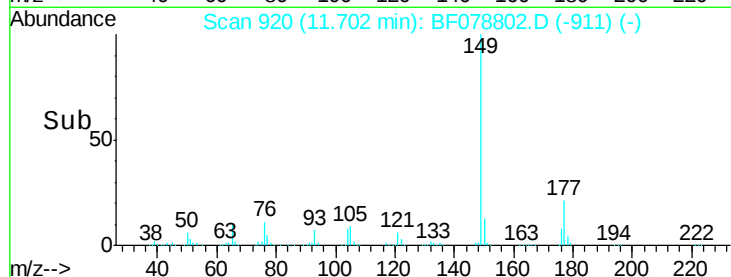
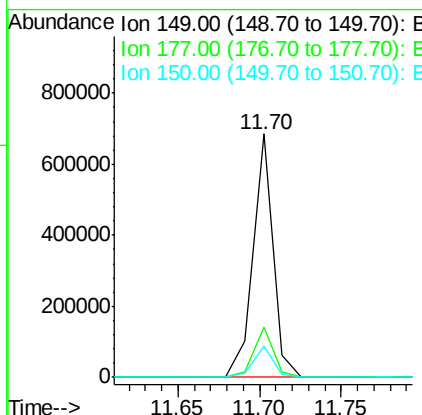
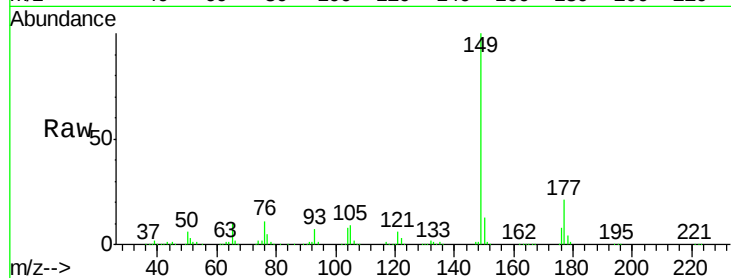
ClientSampleId :

PB83016BS

Tot Ion:	149	Resp:	582606
Ion Ratio	Lower	Upper	
149	100		
177	20.8	17.5	26.3
150	12.7	9.6	14.4

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#60

4-Chlorophenyl-phenylether

Concen: 45.02 ng

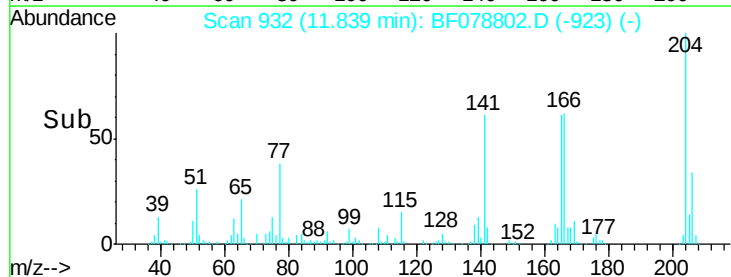
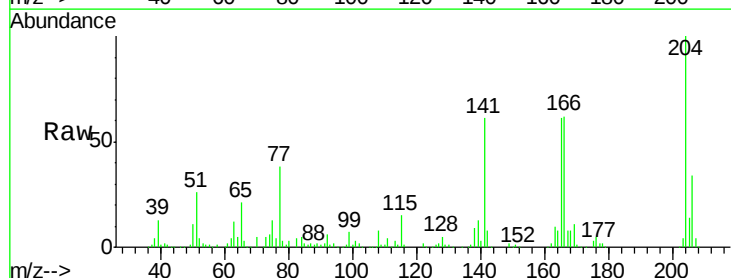
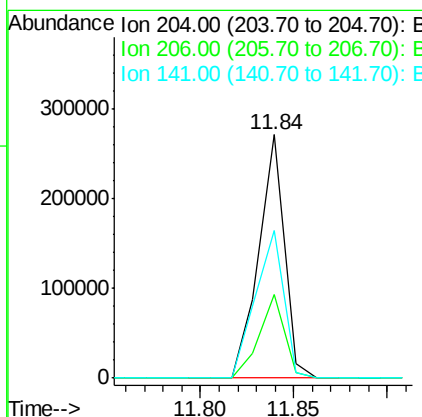
RT: 11.84 min Scan# 932

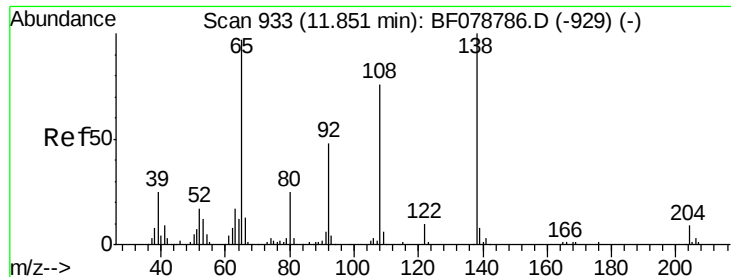
Delta R.T. 0.00 min

Lab File: BF078802.D

Acq: 29 Apr 2015 4:33

Tgt Ion:	204	Resp:	257638
Ion Ratio	Lower	Upper	
204	100		
206	34.2	26.9	40.3
141	60.6	48.3	72.5





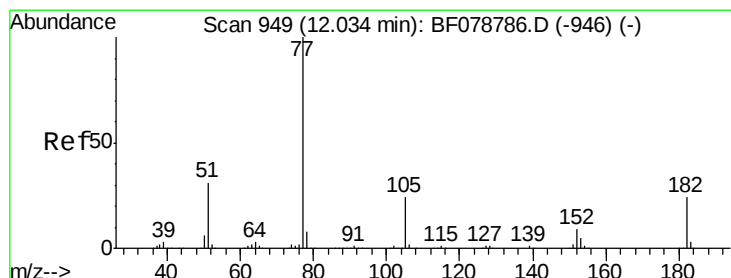
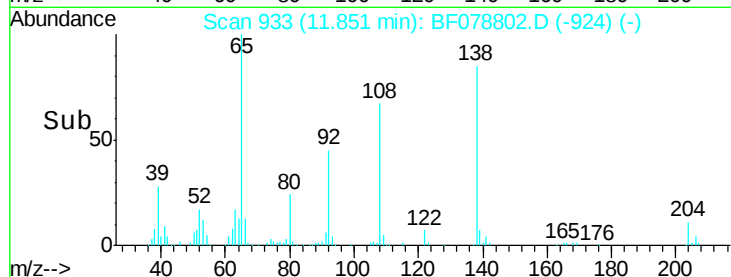
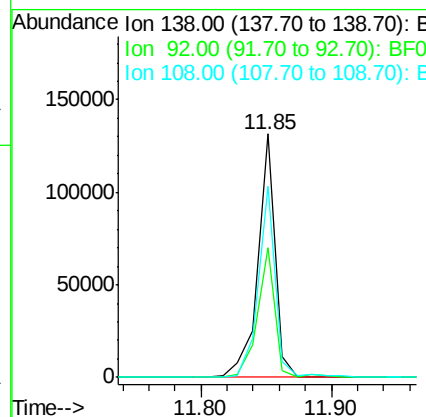
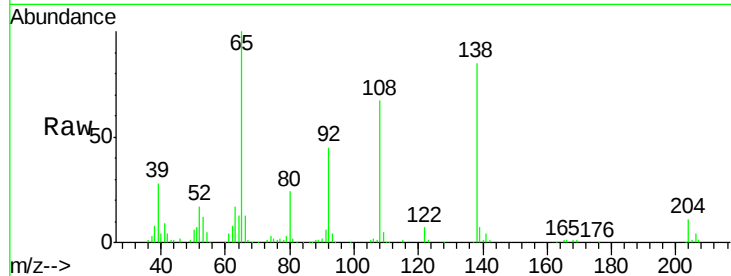
#61
4-Nitroaniline
Concen: 43.66 ng
RT: 11.85 min Scan# 933
Delta R.T. 0.00 min
Lab File: BF078802.D
Acq: 29 Apr 2015 4:33

Instrument :
BNA_F
ClientSampleId :
PB83016BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	121349		
92	53.4	28.0	68.0	
108	78.5	56.3	96.3	

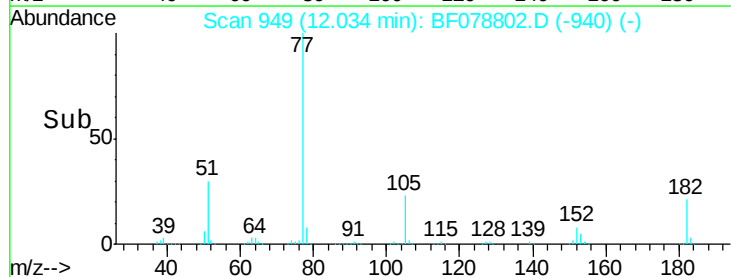
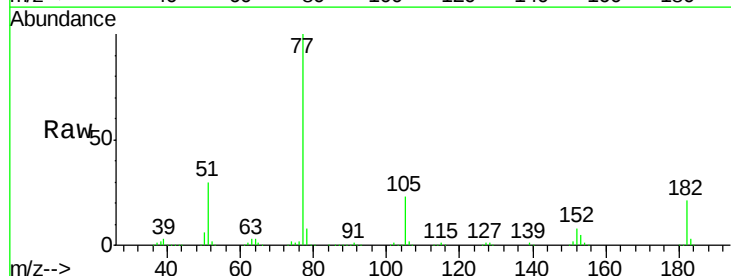
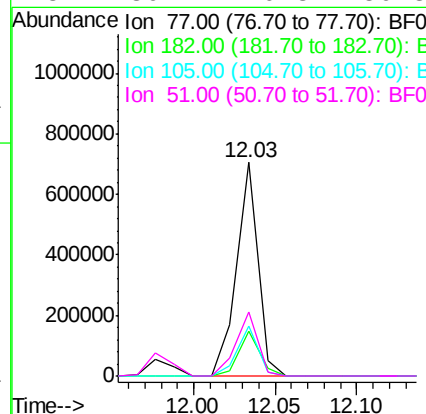
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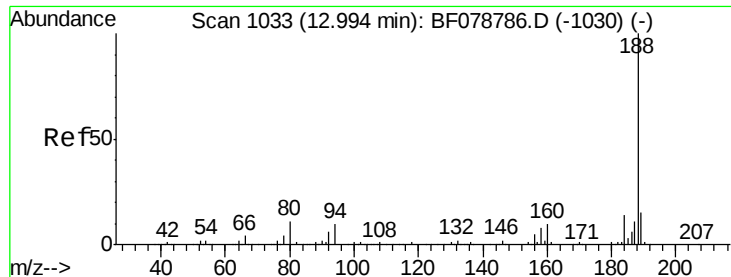
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#62
Azobenzene
Concen: 48.51 ng
RT: 12.03 min Scan# 949
Delta R.T. 0.00 min
Lab File: BF078802.D
Acq: 29 Apr 2015 4:33

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	636827		
182	20.7	3.8	43.8	
105	23.5	3.9	43.9	
51	30.2	10.8	50.8	





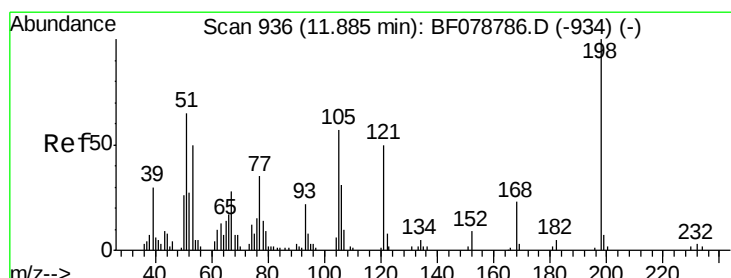
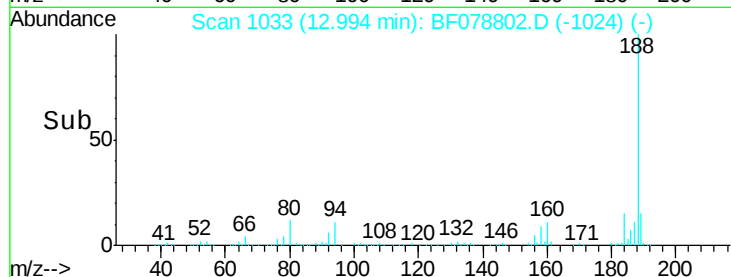
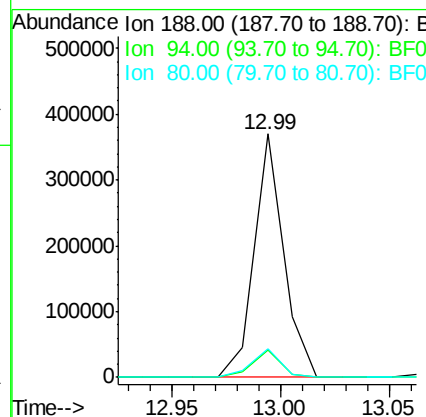
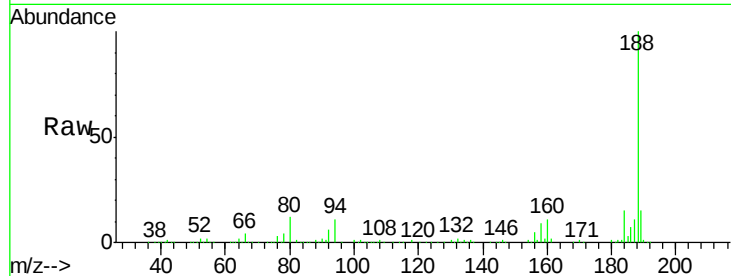
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.99 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BF078802.D
 Acq: 29 Apr 2015 4:33

Instrument :
 BNA_F
 ClientSampleId :
 PB83016BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	11.3	8.2	12.2
80	11.6	8.9	13.3

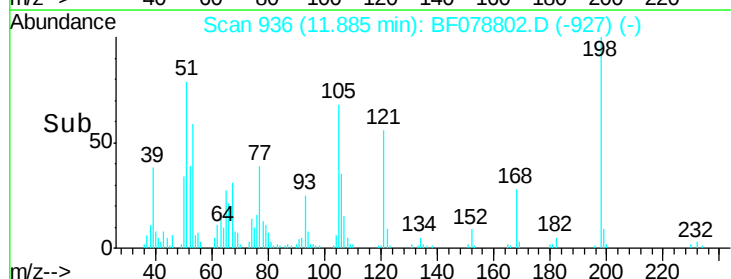
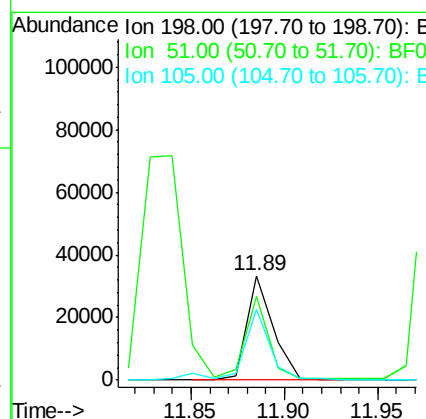
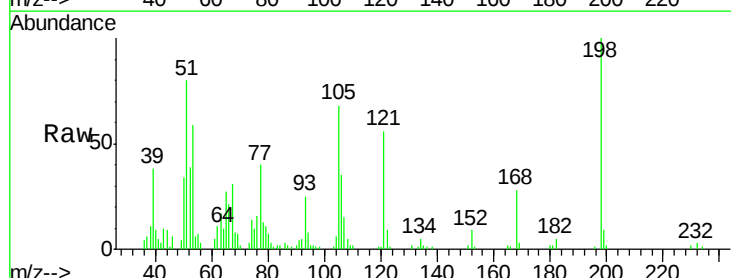
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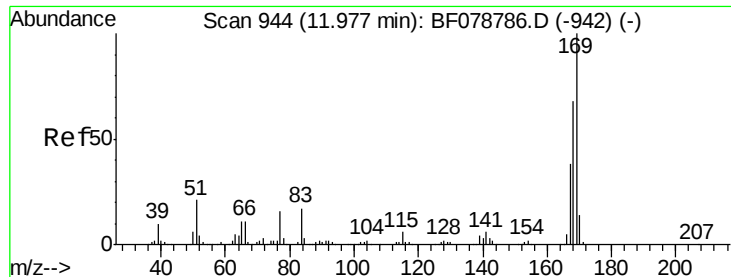
apatel
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 53.92 ng
 RT: 11.89 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: BF078802.D
 Acq: 29 Apr 2015 4:33

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	80.3	47.3	87.3
105	67.5	38.8	78.8





#65

n-Nitrosodiphenylamine

Concen: 43.47 ng

RT: 11.99 min Scan# 945

Delta R.T. 0.01 min

Lab File: BF078802.D

Acq: 29 Apr 2015 4:33

Instrument :

BNA_F

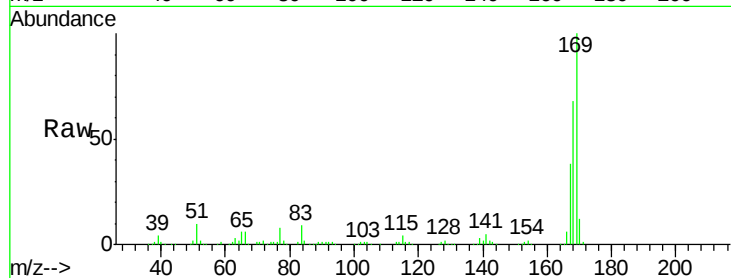
ClientSampleId :

PB83016BS

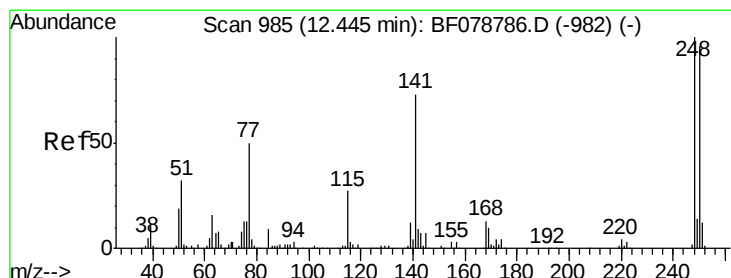
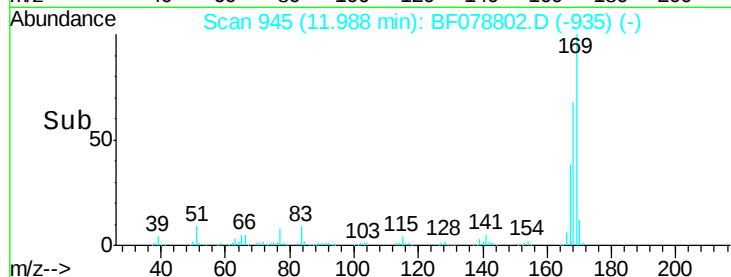
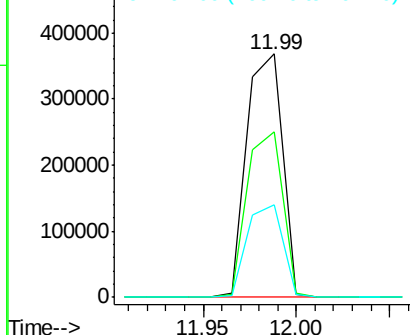
Tot Ion:	169	Resp:	490952
Ion Ratio	Lower	Upper	
169	100		
168	68.1	54.6	82.0
167	37.8	30.6	45.8

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



#66

4-Bromophenyl-phenylether

Concen: 45.30 ng

RT: 12.45 min Scan# 985

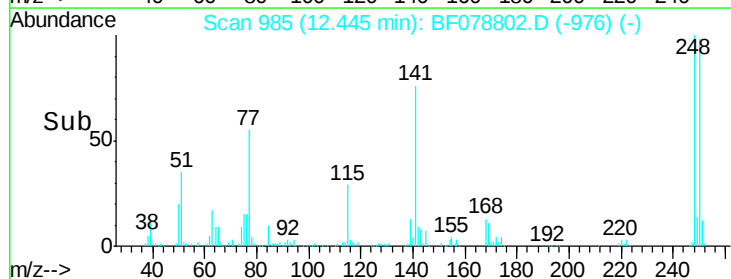
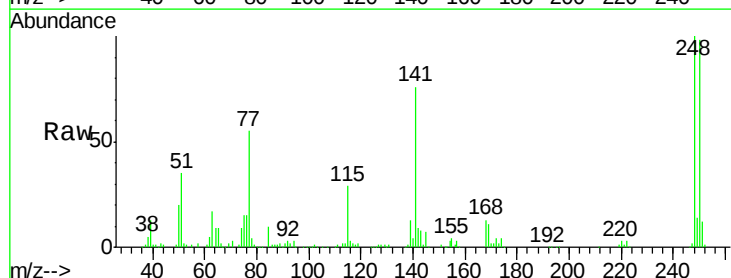
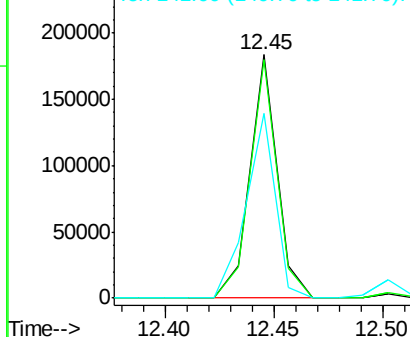
Delta R.T. 0.00 min

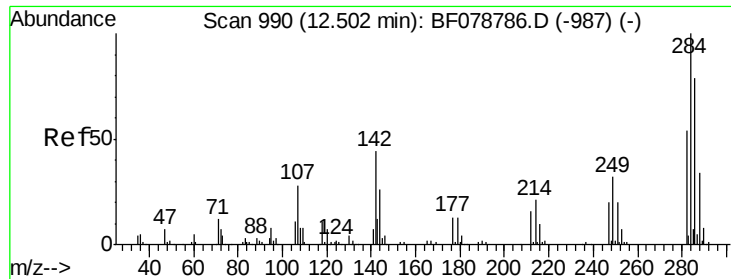
Lab File: BF078802.D

Acq: 29 Apr 2015 4:33

Tgt Ion:	248	Resp:	159739
Ion Ratio	Lower	Upper	
248	100		
250	98.1	77.1	115.7
141	76.0	58.8	88.2

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





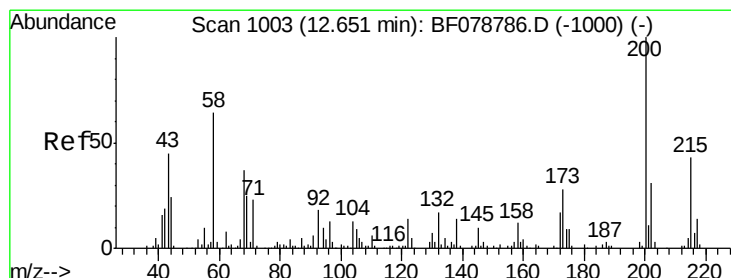
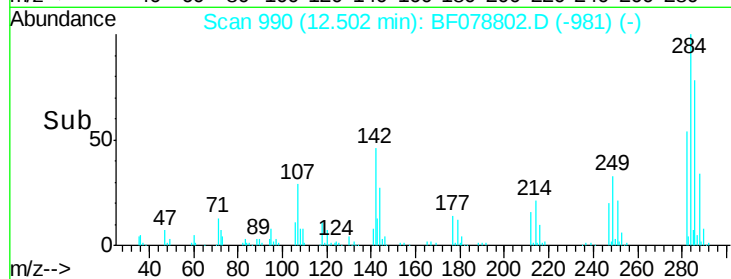
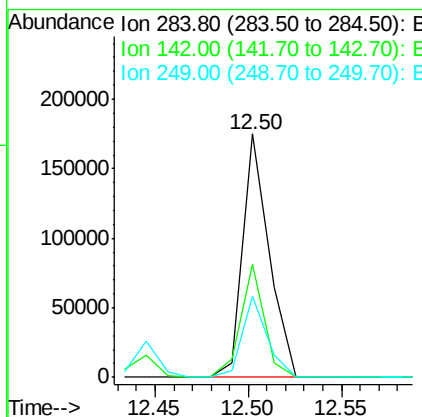
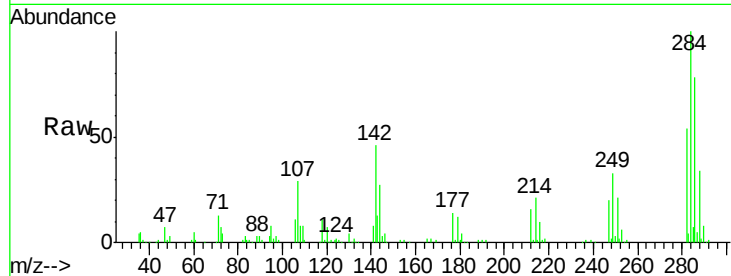
#67
Hexachlorobenzene
Concen: 43.12 ng
RT: 12.50 min Scan# 990
Delta R.T. 0.00 min
Lab File: BF078802.D
Acq: 29 Apr 2015 4:33

Instrument :
BNA_F
ClientSampleId :
PB83016BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	172233		
142	46.5	35.2	52.8	
249	33.1	25.4	38.2	

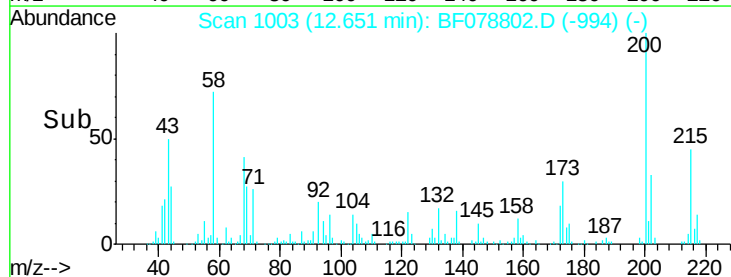
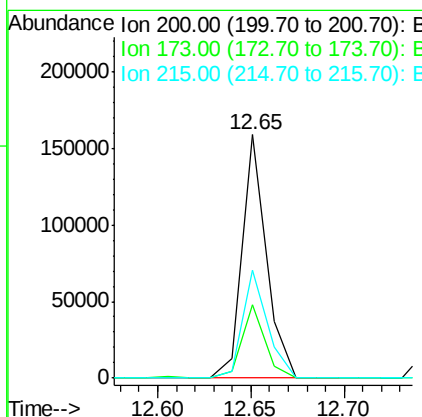
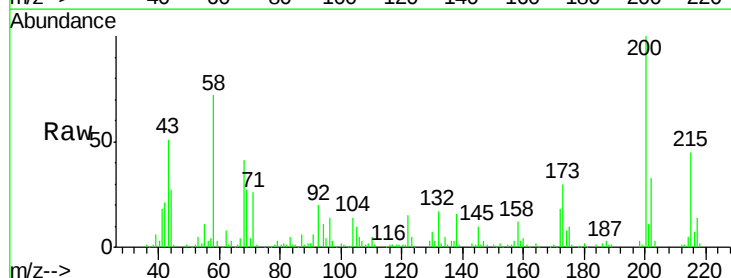
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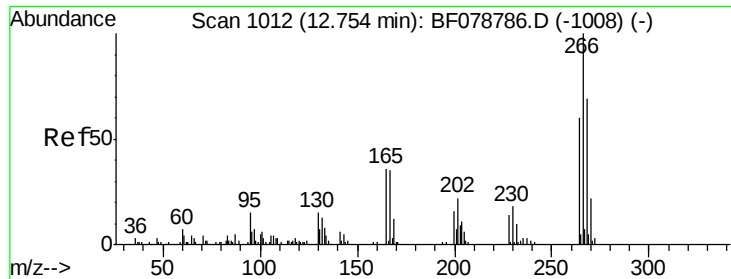
apatel
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#68
Atrazine
Concen: 47.37 ng
RT: 12.65 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF078802.D
Acq: 29 Apr 2015 4:33

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	143308		
173	30.3	8.1	48.1	
215	44.5	22.9	62.9	





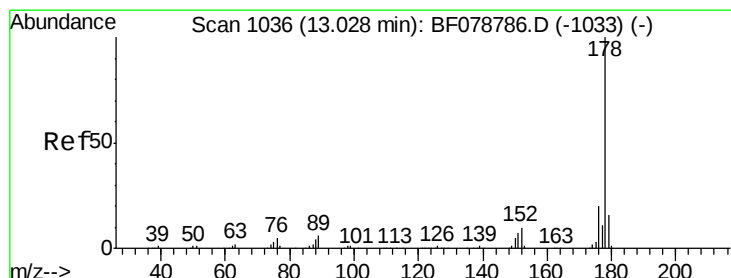
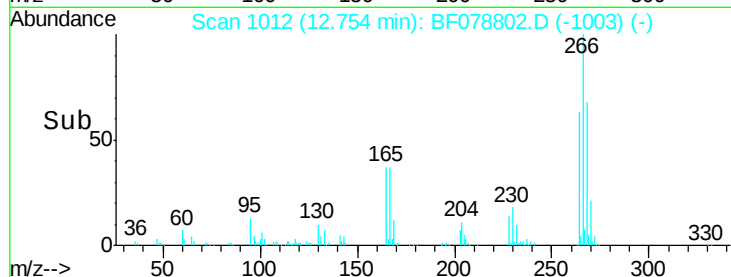
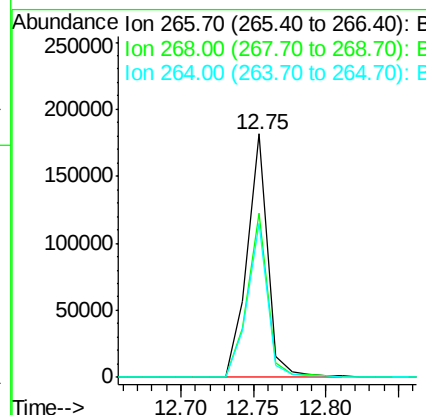
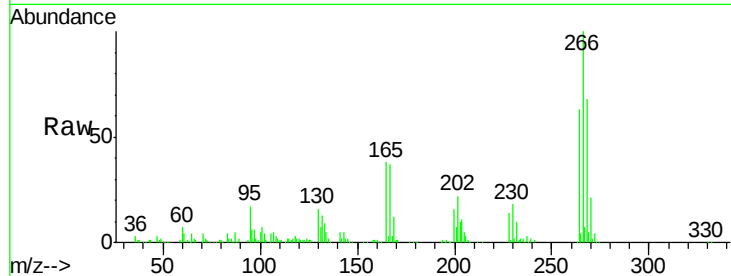
#69
 Pentachlorophenol
 Concen: 84.69 ng
 RT: 12.75 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: BF078802.D
 Acq: 29 Apr 2015 4:33

Instrument :
 BNA_F
 ClientSampleID :
 PB83016BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	180547		
268	67.6	55.0	82.6	
264	63.3	48.2	72.2	

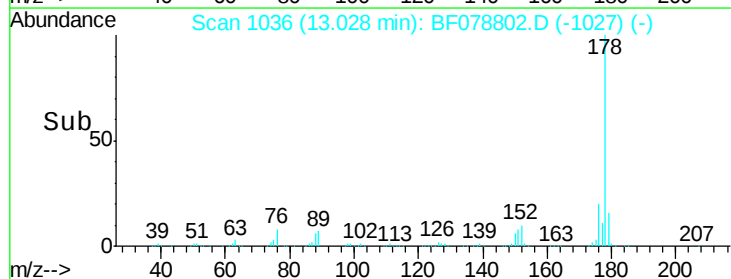
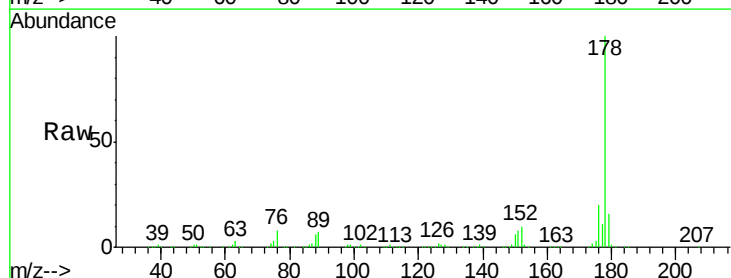
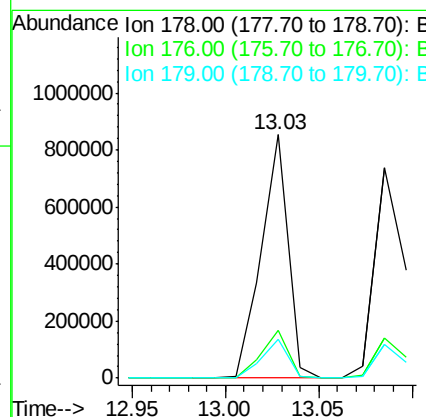
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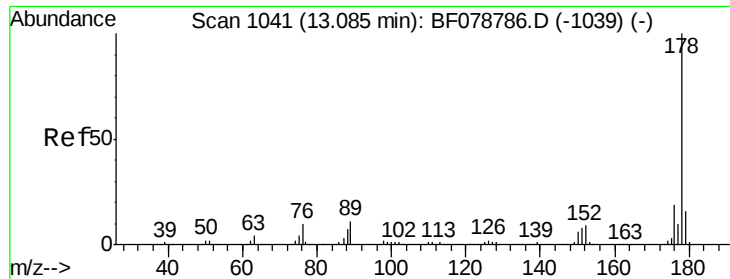
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#70
 Phenanthrene
 Concen: 44.59 ng
 RT: 13.03 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF078802.D
 Acq: 29 Apr 2015 4:33

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	843387		
176	19.8	15.8	23.8	
179	15.7	12.5	18.7	





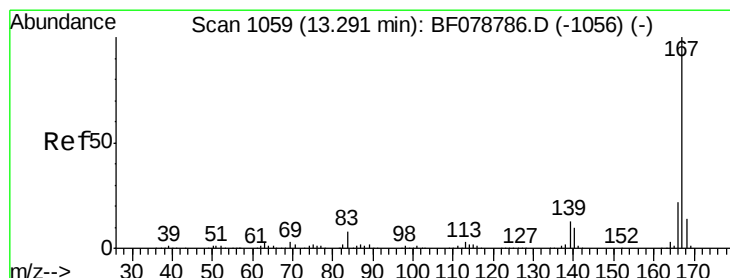
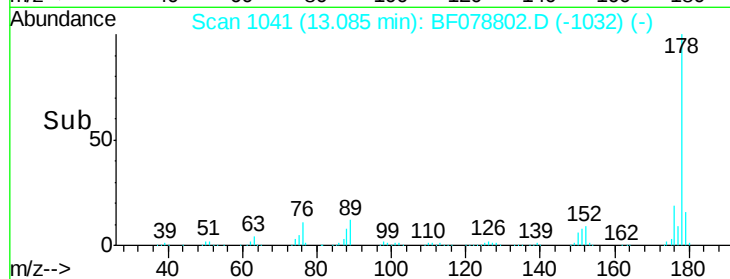
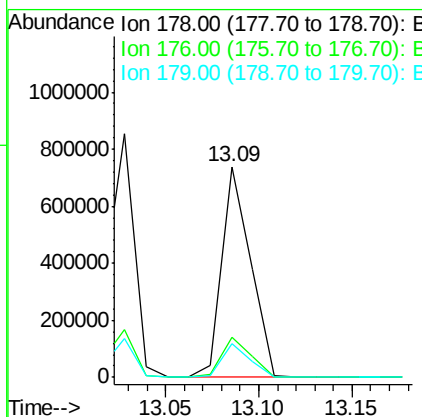
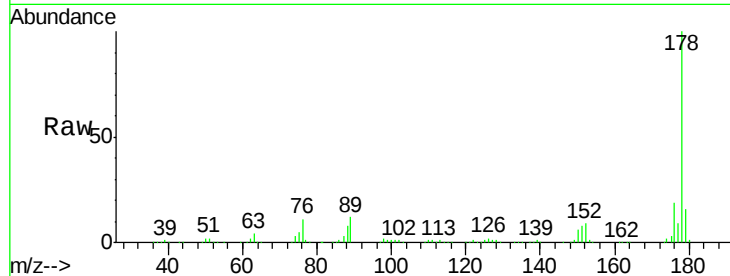
#71
 Anthracene
 Concen: 43.32 ng
 RT: 13.09 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF078802.D
 Acq: 29 Apr 2015 4:33

Instrument :
 BNA_F
 ClientSampleId :
 PB83016BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.9	12.7	19.1

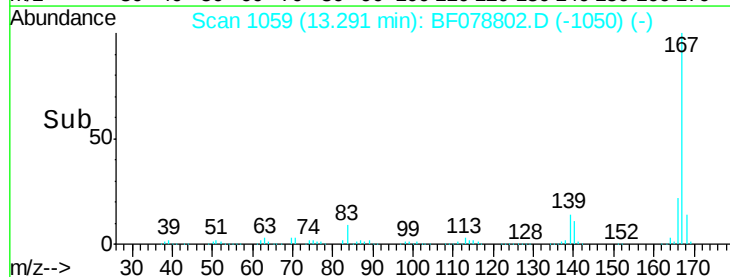
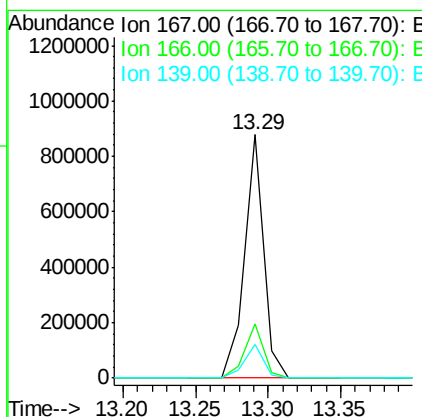
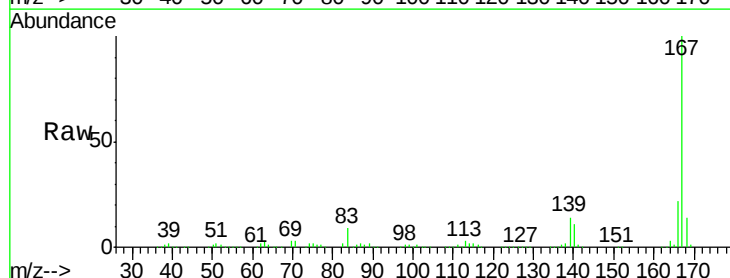
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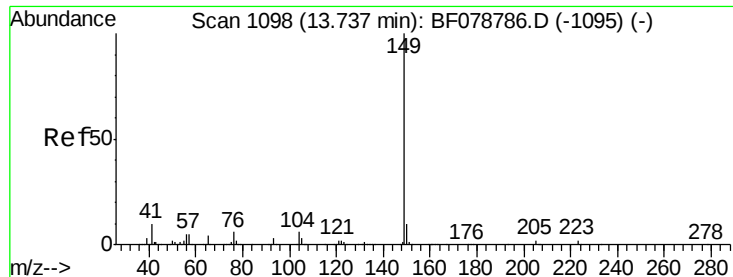
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#72
 Carbazole
 Concen: 46.06 ng
 RT: 13.29 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: BF078802.D
 Acq: 29 Apr 2015 4:33

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.8	26.8
139	14.1	10.6	16.0





#73

Di-n-butylphthalate

Concen: 45.65 ng

RT: 13.74 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BF078802.D

Acq: 29 Apr 2015 4:33

Instrument :

BNA_F

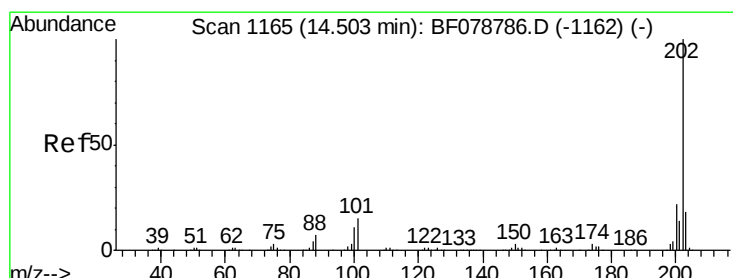
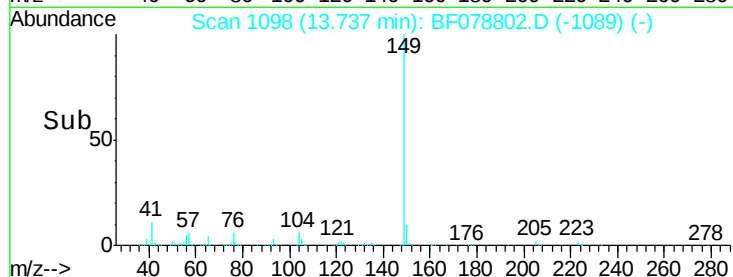
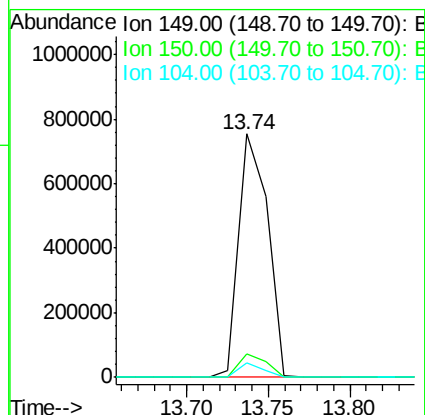
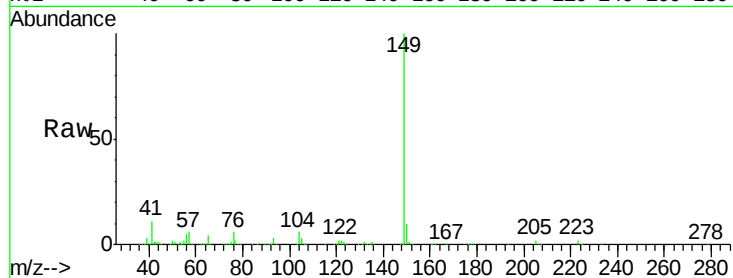
ClientSampleId :

PB83016BS

Tot Ion:	149	Resp:	923409
Ion Ratio	Lower	Upper	
149	100		
150	9.9	7.7	11.5
104	6.0	4.6	7.0

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#74

Fluoranthene

Concen: 45.62 ng

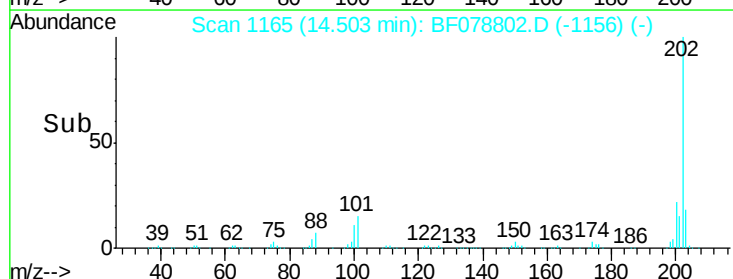
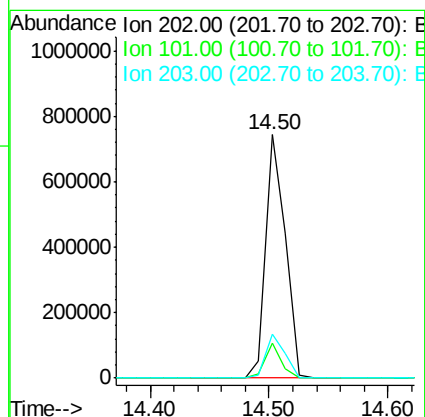
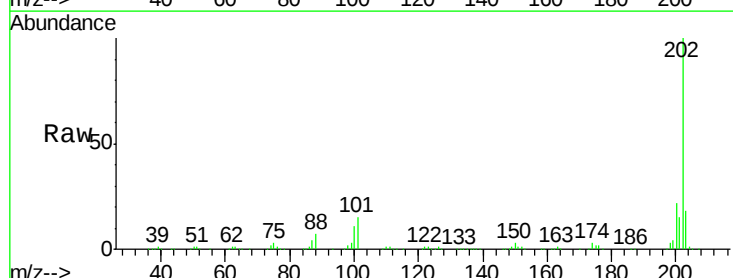
RT: 14.50 min Scan# 1165

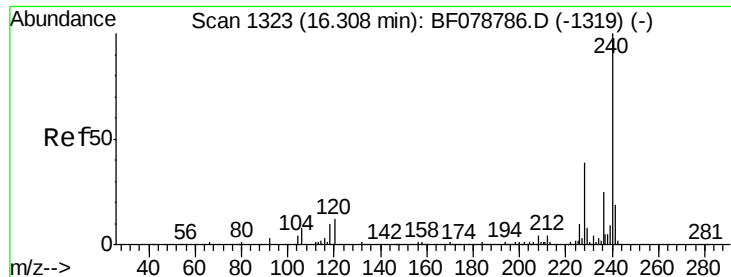
Delta R.T. 0.00 min

Lab File: BF078802.D

Acq: 29 Apr 2015 4:33

Tgt Ion:	202	Resp:	860517
Ion Ratio	Lower	Upper	
202	100		
101	14.6	0.0	34.6
203	18.2	0.0	38.4





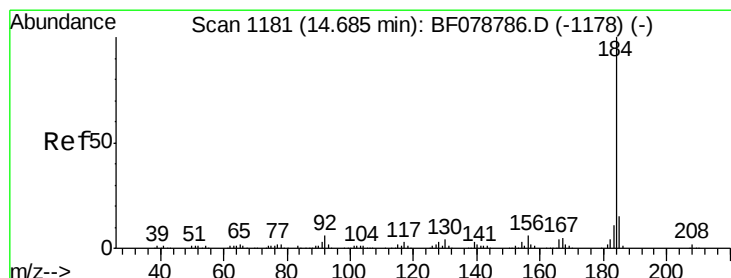
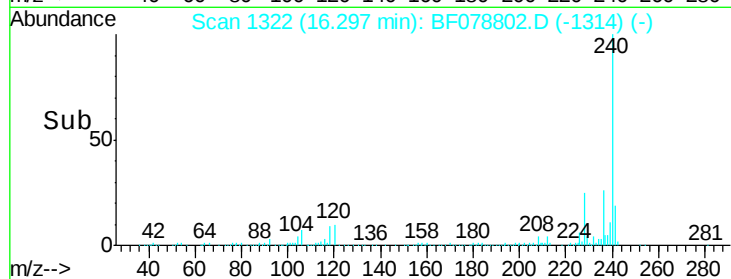
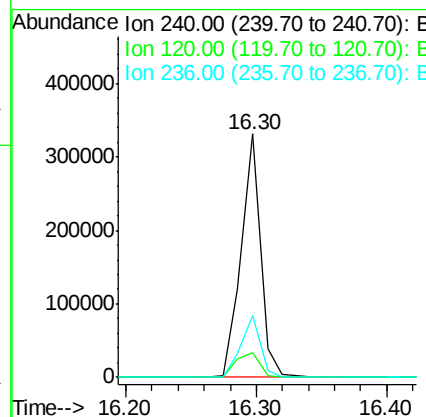
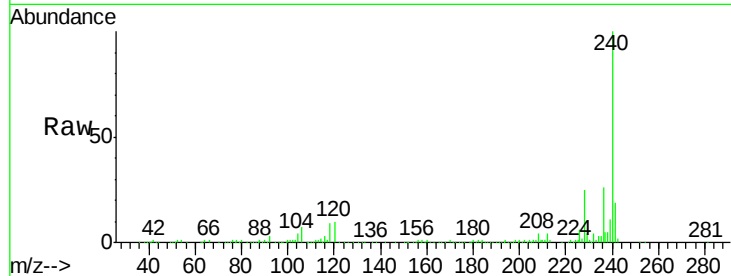
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.30 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF078802.D
Acq: 29 Apr 2015 4:33

Instrument :
BNA_F
ClientSampleId :
PB83016BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	10.3	9.7	14.5	
236	25.6	20.2	30.4	

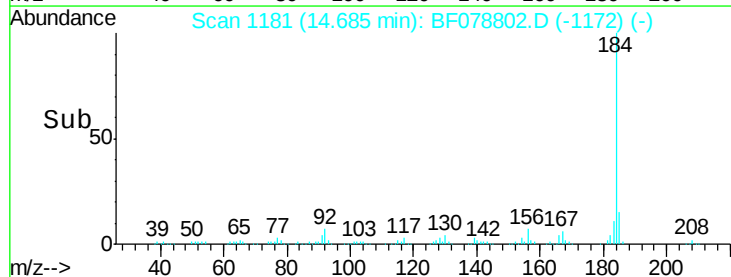
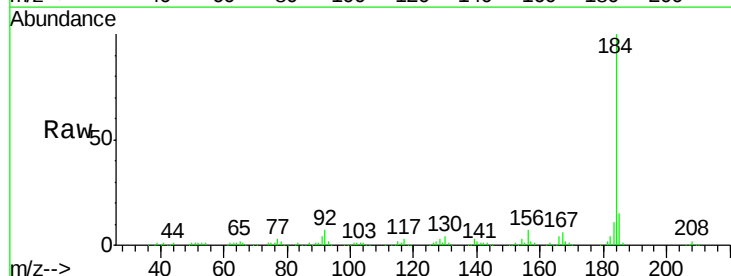
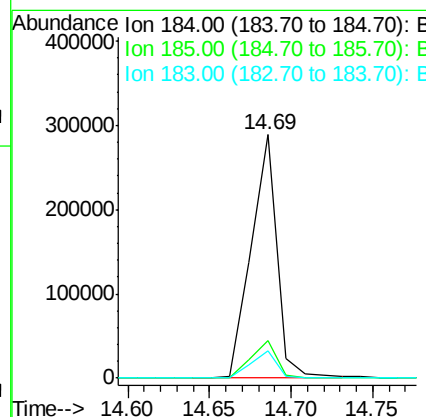
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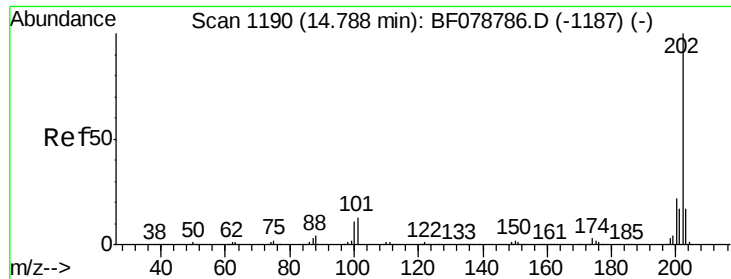
apatel
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#76
Benzidine
Concen: 28.54 ng
RT: 14.69 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BF078802.D
Acq: 29 Apr 2015 4:33

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	15.3	12.3	18.5	
183	11.1	8.4	12.6	





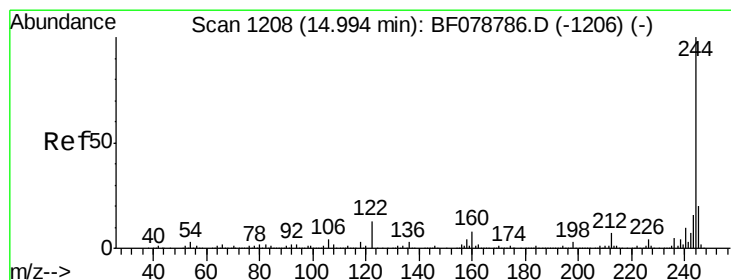
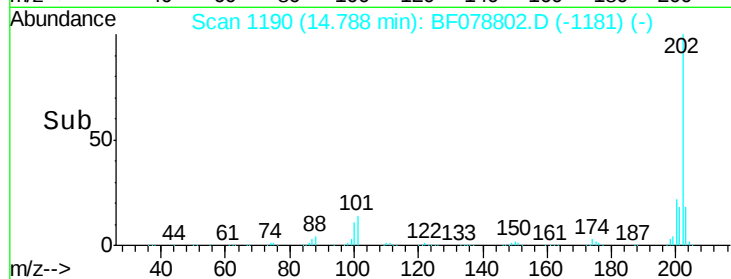
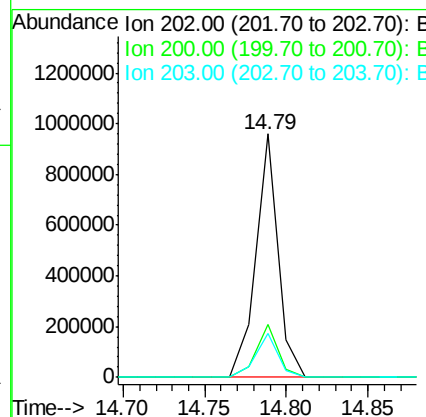
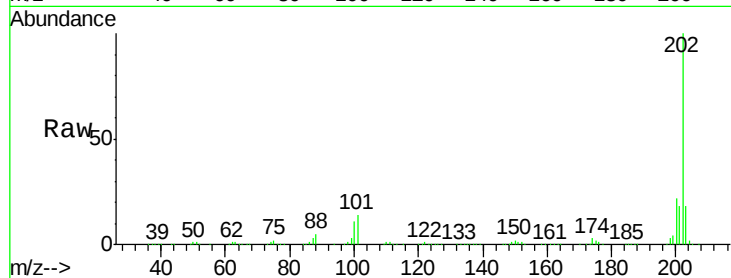
#77
Pvrene
Concen: 45.25 ng
RT: 14.79 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BF078802.D
Acq: 29 Apr 2015 4:33

Instrument :
BNA_F
ClientSampleId :
PB83016BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.8	17.5	26.3
203	18.1	13.9	20.9

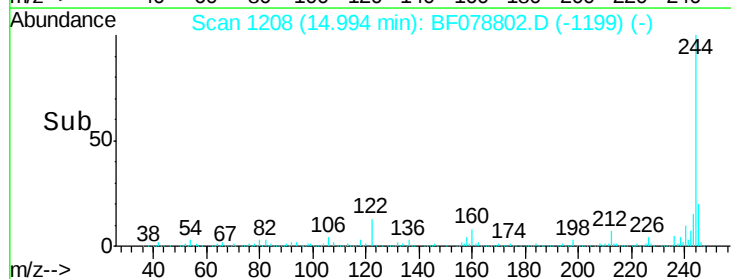
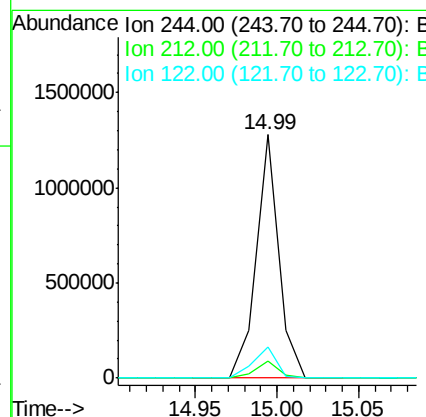
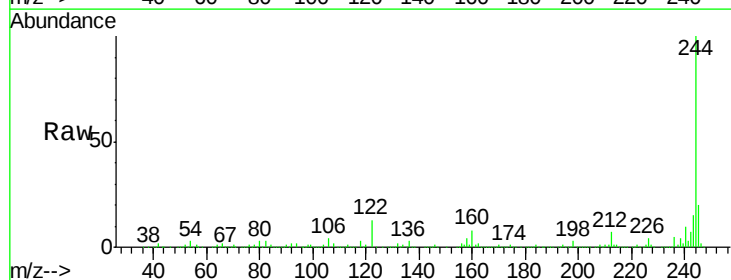
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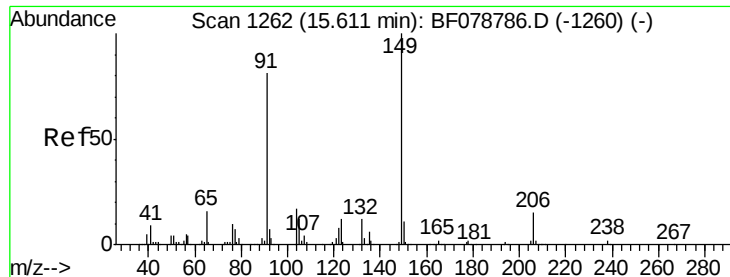
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#78
Terphenyl-d14
Concen: 85.19 ng
RT: 14.99 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BF078802.D
Acq: 29 Apr 2015 4:33

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.1	5.6	8.4
122	12.9	10.3	15.5





#79

Butylbenzylphthalate

Concen: 47.85 ng

RT: 15.61 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BF078802.D

Acq: 29 Apr 2015 4:33

Instrument :

BNA_F

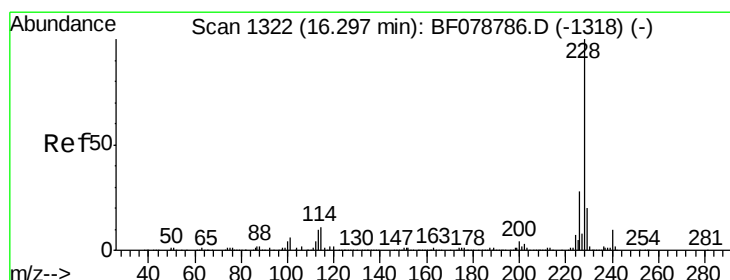
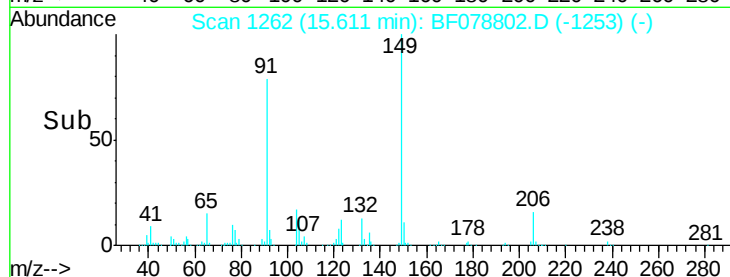
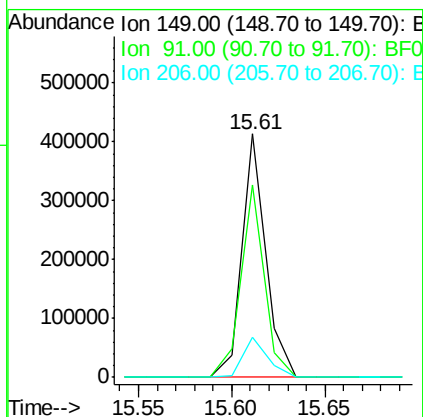
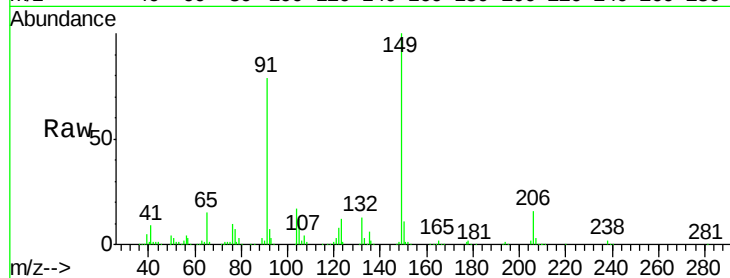
ClientSampled :

PB83016BS

Tot Ion:	149	Resp:	368625
Ion Ratio	Lower	Upper	
149	100		
91	79.0	64.6	97.0
206	16.5	12.2	18.4

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#80

Benzo(a)anthracene

Concen: 44.83 ng

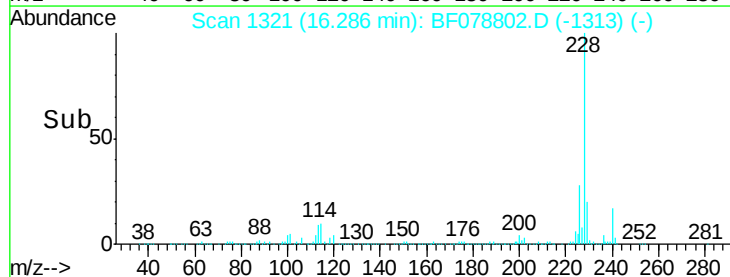
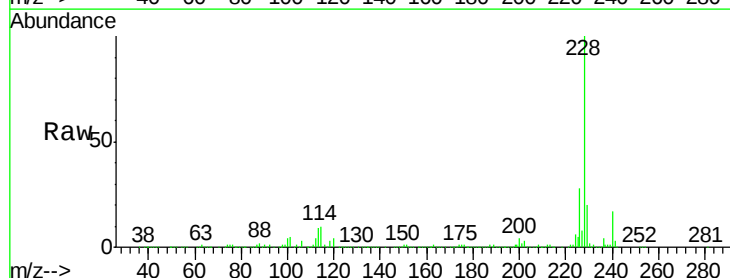
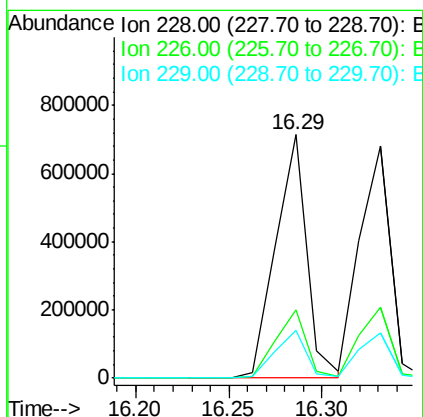
RT: 16.29 min Scan# 1321

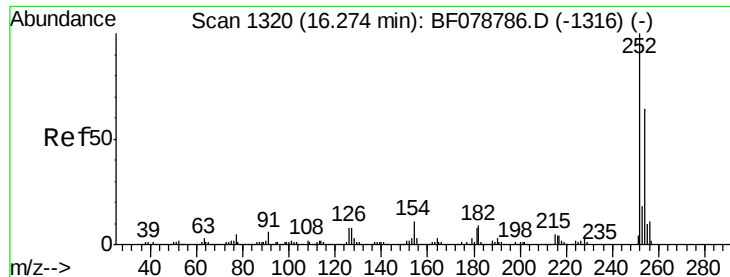
Delta R.T. -0.01 min

Lab File: BF078802.D

Acq: 29 Apr 2015 4:33

Tgt Ion:	228	Resp:	827045
Ion Ratio	Lower	Upper	
228	100		
226	28.3	22.6	33.8
229	19.9	15.9	23.9





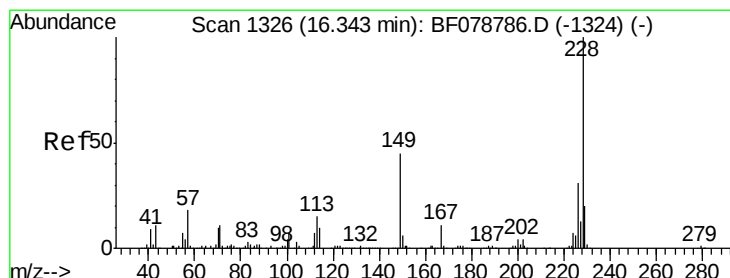
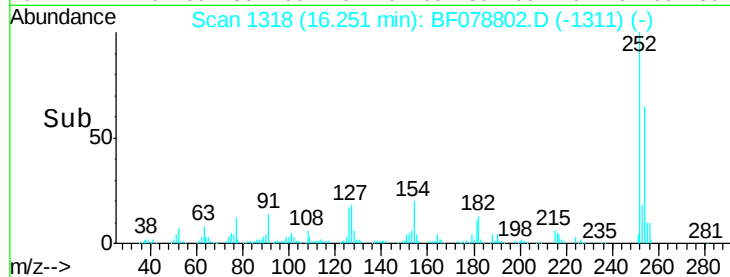
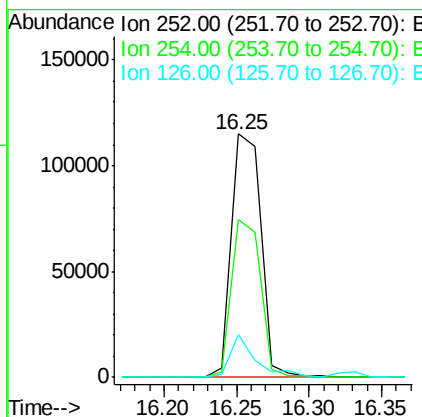
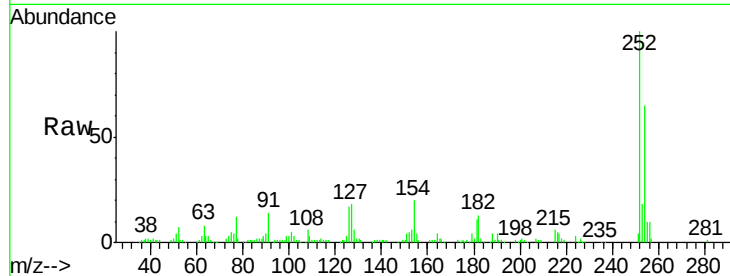
#81
 3,3'-Dichlorobenzidine
 Concen: 25.98 ng
 RT: 16.25 min Scan# 1318
 Delta R.T. -0.02 min
 Lab File: BF078802.D
 Acq: 29 Apr 2015 4:33

Instrument :
 BNA_F
 ClientSampleId :
 PB83016BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.1	51.3	76.9
126	17.3	6.6	10.0

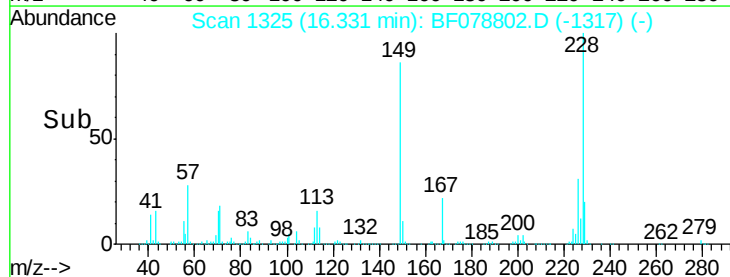
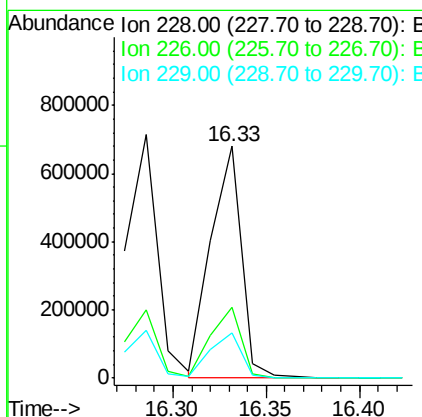
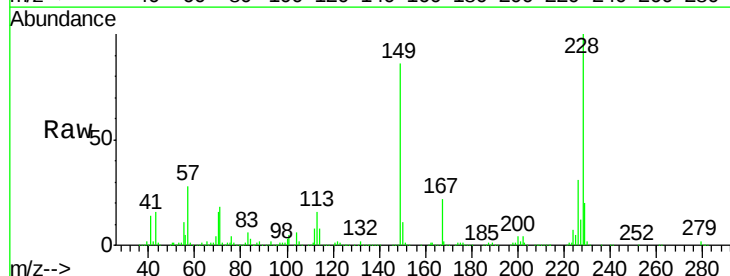
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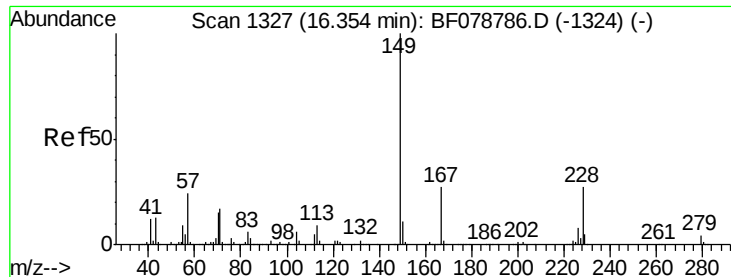
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#82
 Chrysene
 Concen: 43.16 ng
 RT: 16.33 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF078802.D
 Acq: 29 Apr 2015 4:33

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.8	24.9	37.3
229	19.7	16.0	24.0





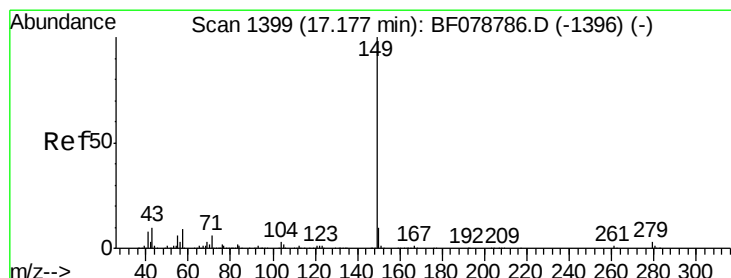
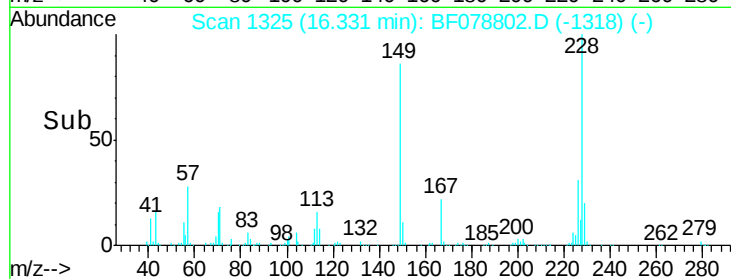
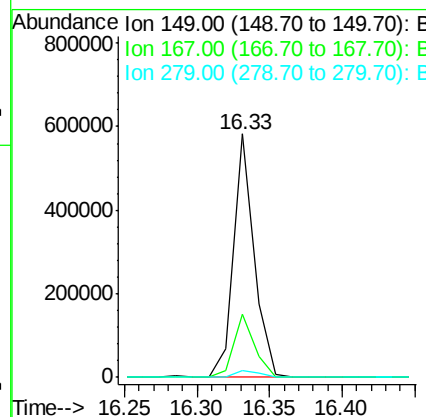
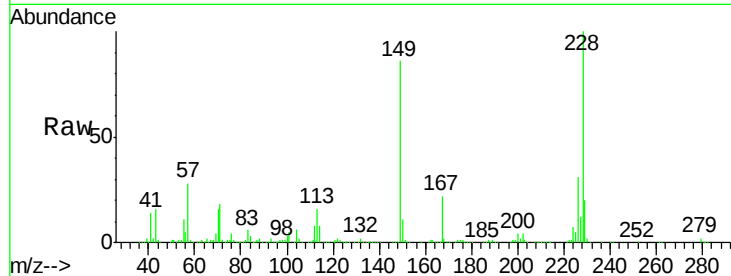
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.29 ng
 RT: 16.33 min Scan# 1325
 Delta R.T. -0.02 min
 Lab File: BF078802.D
 Acq: 29 Apr 2015 4:33

Instrument :
 BNA_F
 ClientSampleId :
 PB83016BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	25.9	21.8	32.8
279	2.6	2.9	4.3#

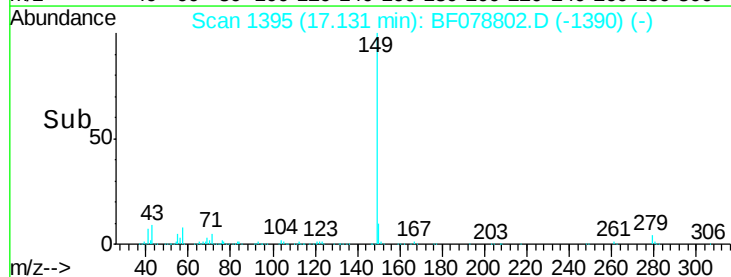
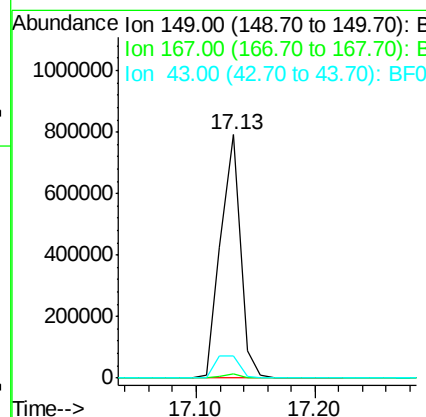
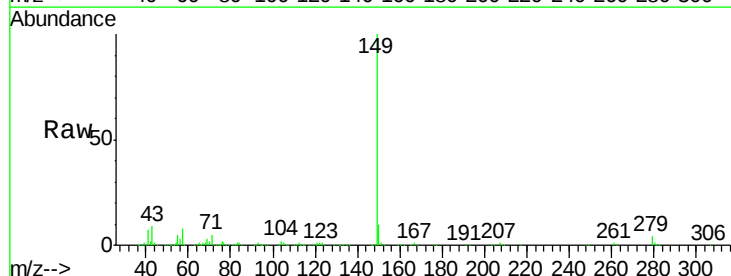
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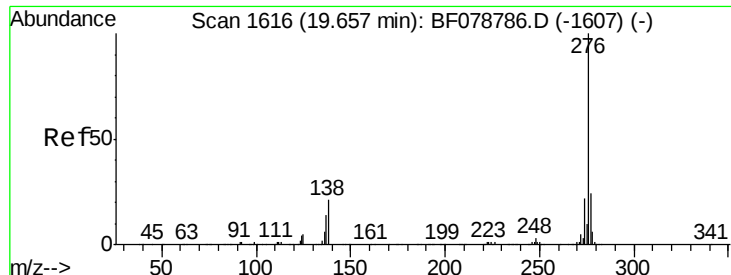
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#84
 Di-n-octyl phthalate
 Concen: 45.86 ng
 RT: 17.13 min Scan# 1395
 Delta R.T. -0.05 min
 Lab File: BF078802.D
 Acq: 29 Apr 2015 4:33

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	1.4	0.0	0.0#
43	11.8	0.0	0.0#





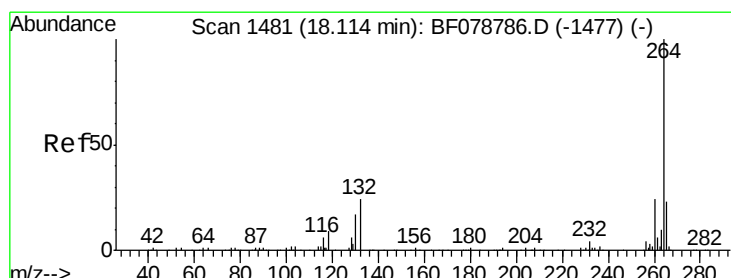
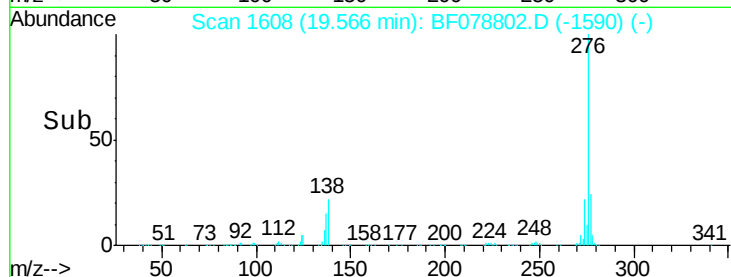
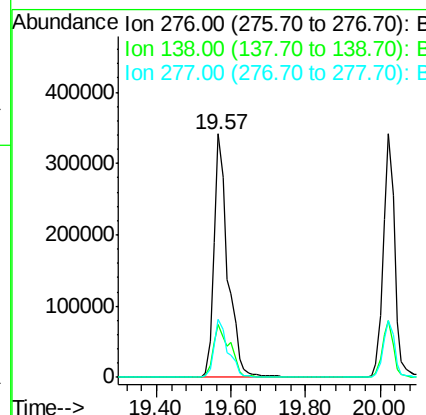
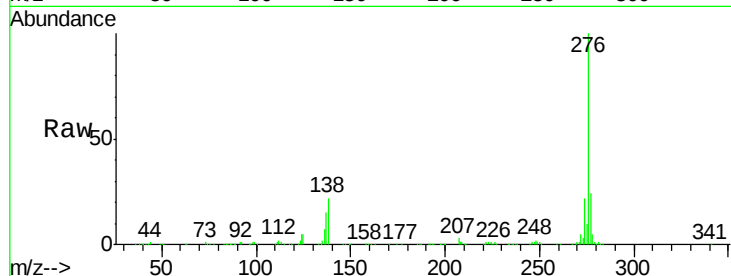
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.88 ng
RT: 19.57 min Scan# 1608
Delta R.T. -0.09 min
Lab File: BF078802.D
Acq: 29 Apr 2015 4:33

Instrument :
BNA_F
ClientSampleId :
PB83016BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
138	26.4	0.0	0.0	
277	24.5	0.0	0.0	

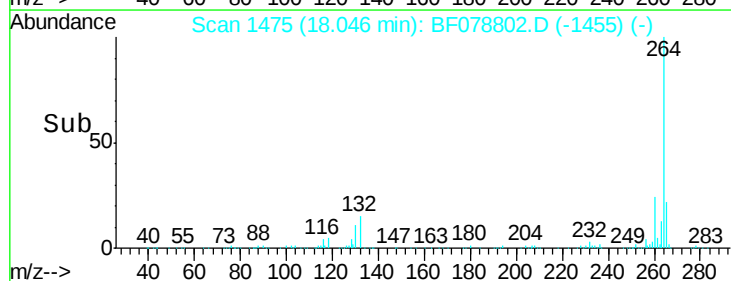
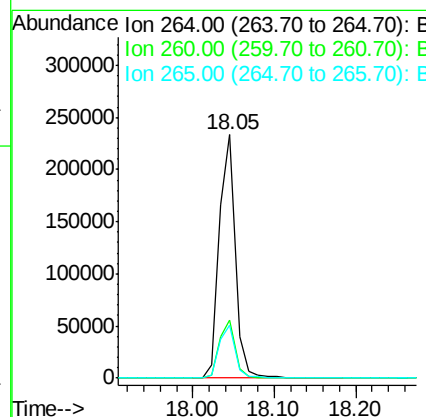
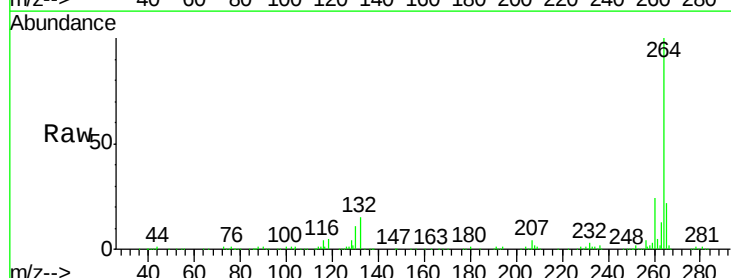
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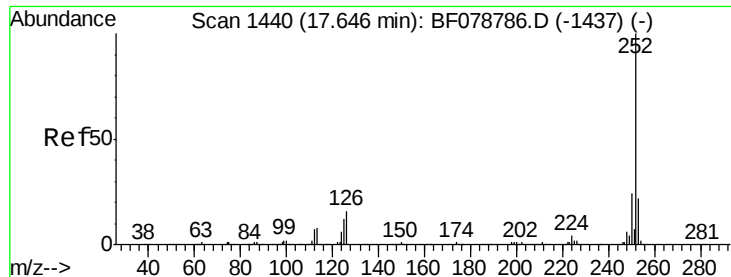
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#86
Perylene-d12
Concen: 20.00 ng
RT: 18.05 min Scan# 1475
Delta R.T. -0.07 min
Lab File: BF078802.D
Acq: 29 Apr 2015 4:33

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.9	19.4	29.2	
265	21.8	18.3	27.5	





#87

Benzo(b)fluoranthene

Concen: 44.99 ng

RT: 17.59 min Scan# 1435

Delta R.T. -0.06 min

Lab File: BF078802.D

Acq: 29 Apr 2015 4:33

Instrument :

BNA_F

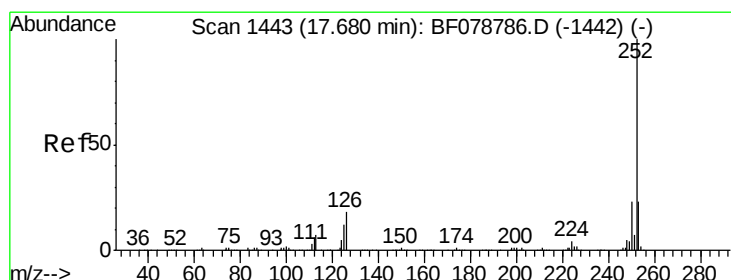
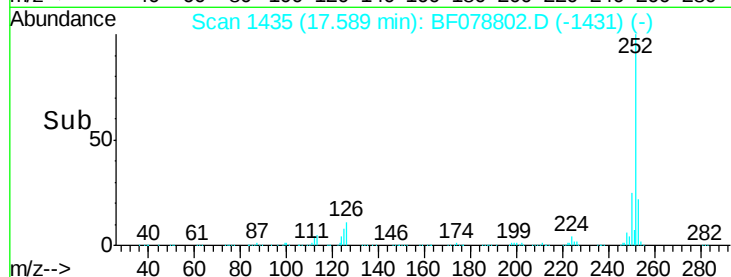
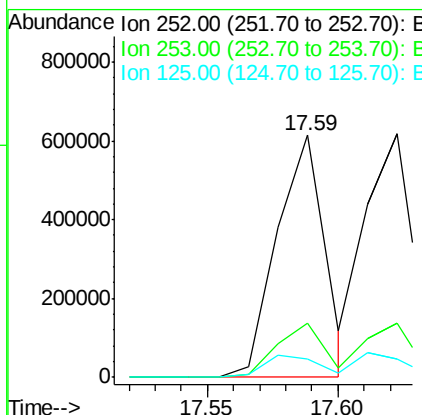
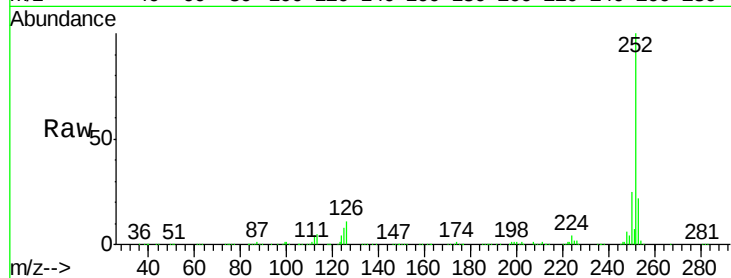
ClientSampleId :

PB83016BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	782970		
253	22.4	17.7	26.5	
125	7.8	9.5	14.3	

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#88

Benzo(k)fluoranthene

Concen: 45.83 ng

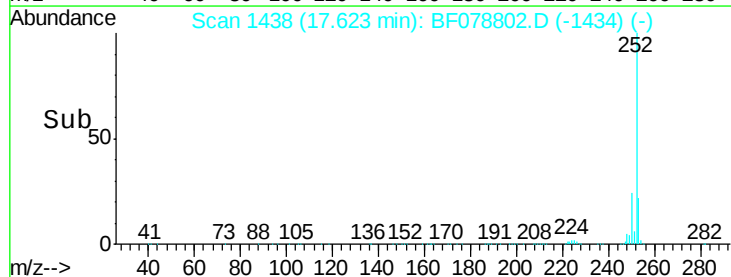
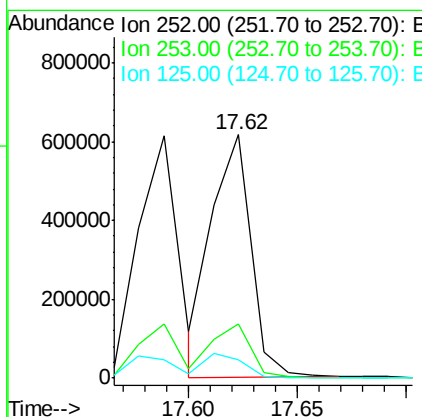
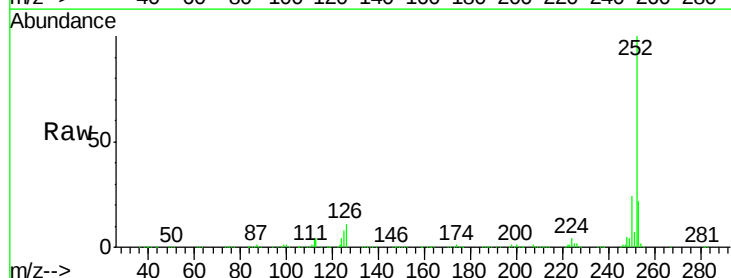
RT: 17.62 min Scan# 1438

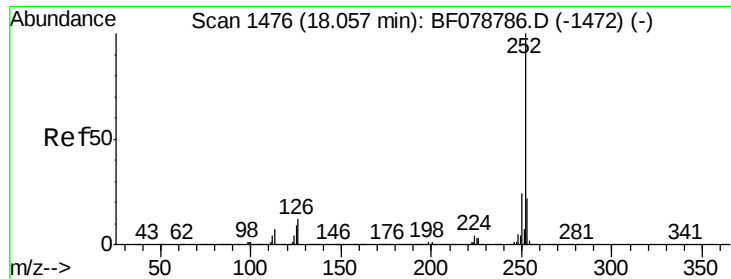
Delta R.T. -0.06 min

Lab File: BF078802.D

Acq: 29 Apr 2015 4:33

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	772942		
253	22.0	18.1	27.1	
125	7.7	10.0	15.0	





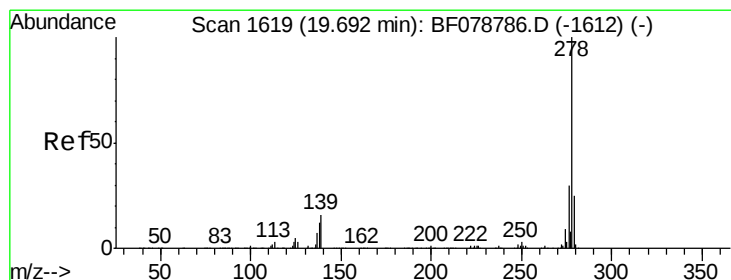
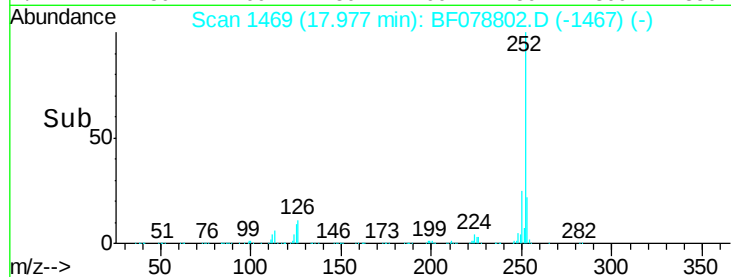
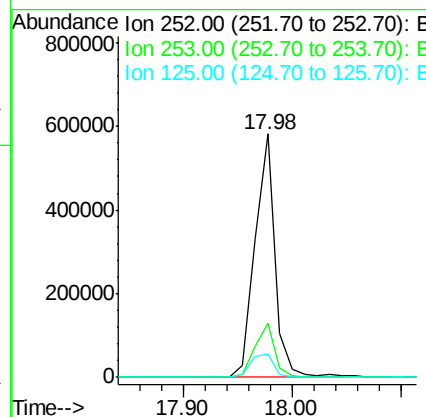
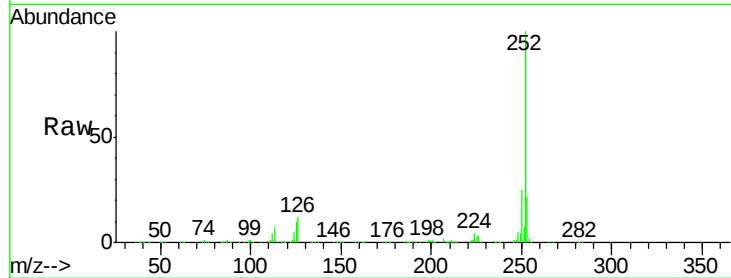
#89
Benzo(a)pyrene
Concen: 48.02 ng
RT: 17.98 min Scan# 1469
Delta R.T. -0.08 min
Lab File: BF078802.D
Acq: 29 Apr 2015 4:33

Instrument :
BNA_F
ClientSampleId :
PB83016BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
252	100		747692		
253	22.3	17.3	25.9		
125	9.5	7.0	10.6		

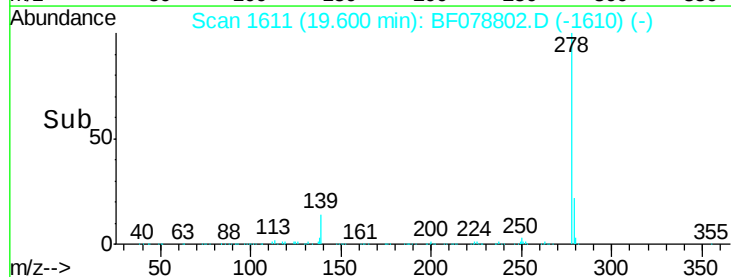
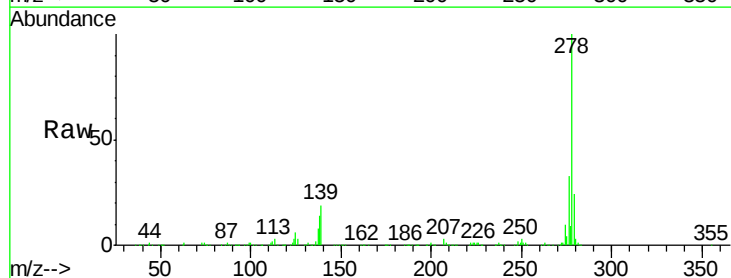
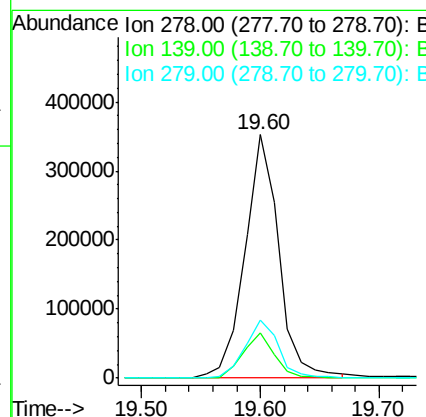
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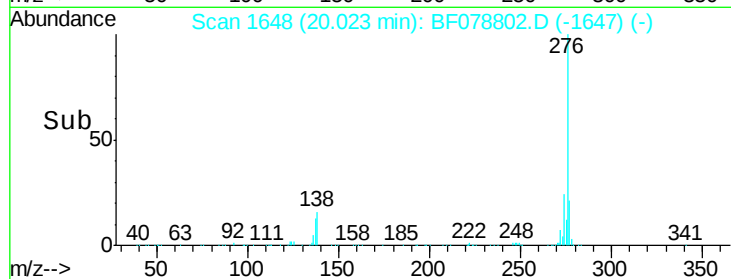
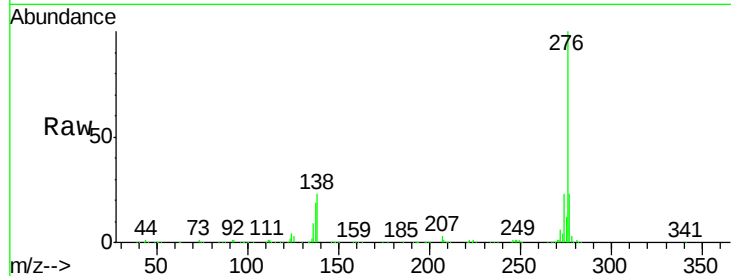
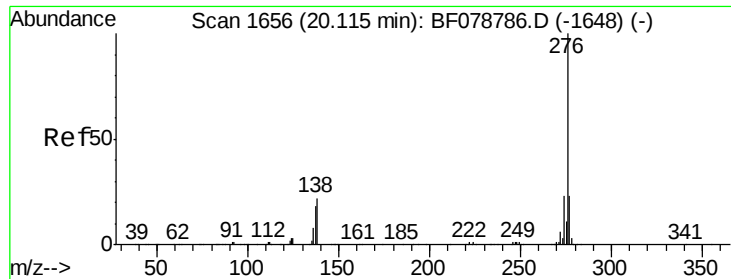
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#90
Dibenzo(a,h)anthracene
Concen: 42.98 ng
RT: 19.60 min Scan# 1611
Delta R.T. -0.09 min
Lab File: BF078802.D
Acq: 29 Apr 2015 4:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
278	100		693110		
139	18.6	12.8	19.2		
279	23.7	19.6	29.4		





#91
 Benzo(a,h,i)perylene
 Concen: 44.30 ng
 RT: 20.02 min Scan# 1648
 Delta R.T. -0.09 min
 Lab File: BF078802.D
 Acq: 29 Apr 2015 4:33

Instrument :
 BNA_F
 ClientSampleId :
 PB83016BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.6	28.0
138	23.4	17.4	26.0

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