

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042815\
 Data File : BF078803.D
 Acq On : 29 Apr 2015 5:01
 Operator : TP/IZ
 Sample : PB83016BSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83016BSD

Manual Integrations
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 4/29/2015 3:53:48 PM

Quant Time: Apr 29 13:10:09 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	90081	20.00	ng	0.00
21) Naphthalene-d8	8.97	136	366268	20.00	ng	0.00
38) Acenaphthene-d10	11.14	164	171189	20.00	ng	0.00
63) Phenanthrene-d10	12.99	188	319130	20.00	ng	0.00
75) Chrysene-d12	16.30	240	320548	20.00	ng	-0.01
86) Perylene-d12	18.05	264	304429	20.00	ng	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.69	112	677913	138.22	ng	0.01
7) Phenol-d6	6.94	99	870847	132.95	ng	0.00
23) Nitrobenzene-d5	8.08	82	455891	89.62	ng	0.00
41) 2,4,6-Tribromophenol	12.13	330	227131	133.31	ng	0.00
44) 2-Fluorobiphenyl	10.32	172	1050014	84.00	ng	0.00
78) Terphenyl-d14	14.99	244	1138161	84.56	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.41	88	82458	36.64	ng	# 15
3) Pyridine	3.18	79	224790	33.83	ng	98
4) n-Nitrosodimethylamine	3.08	42	129701m	43.44	ng	
6) Aniline	6.98	93	212065	22.16	ng	99
8) 2-Chlorophenol	7.12	128	249252	44.21	ng	97
9) Benzaldehyde	6.84	77	16893	3.57	ng	98
10) Phenol	6.95	94	308330	39.82	ng	91
11) bis(2-Chloroethyl)ether	7.07	93	234121	40.89	ng	96
12) 1,3-Dichlorobenzene	7.31	146	263595	40.27	ng	99
13) 1,4-Dichlorobenzene	7.42	146	274641	40.98	ng	99
14) 1,2-Dichlorobenzene	7.60	146	262409	41.91	ng	99
15) Benzyl Alcohol	7.56	79	210514	43.13	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.75	45	387917	43.34	ng	100
17) 2-Methylphenol	7.70	107	204240	44.76	ng	97
18) Hexachloroethane	8.02	117	90669	40.96	ng	94
19) n-Nitroso-di-n-propylamine	7.90	70	189485	41.46	ng	97
20) 3+4-Methylphenols	7.90	107	272789	45.88	ng	98
22) Acetophenone	7.90	105	367495	45.29	ng	97
24) Nitrobenzene	8.10	77	252961	46.43	ng	99
25) Isophorone	8.40	82	477632	41.53	ng	99
26) 2-Nitrophenol	8.50	139	78377	49.61	ng	97
27) 2,4-Dimethylphenol	8.55	122	229685	45.02	ng	98
28) bis(2-Chloroethoxy)methane	8.68	93	307262	43.27	ng	99
29) 2,4-Dichlorophenol	8.79	162	208192	47.74	ng	98
30) 1,2,4-Trichlorobenzene	8.90	180	212384	42.41	ng	98
31) Naphthalene	8.99	128	717561	41.28	ng	100
32) Benzoic acid	8.64	122	88312	57.04	ng	96
33) 4-Chloroaniline	9.06	127	156269	21.36	ng	99
34) Hexachlorobutadiene	9.15	225	117022	41.42	ng	99
35) Caprolactam	9.48	113	61963	44.63	ng	91
36) 4-Chloro-3-methylphenol	9.66	107	212454	46.40	ng	92
37) 2-Methylnaphthalene	9.85	142	500139	42.76	ng	99
39) 1,2,4,5-Tetrachlorobenzene	10.06	216	198610	40.95	ng	# 100
40) Hexachlorocyclopentadiene	10.04	237	210560	103.27	ng	100

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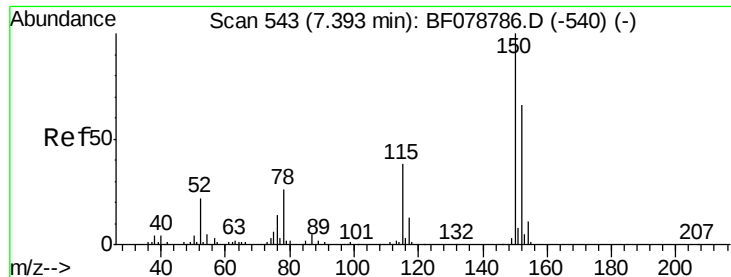
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042815.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.20	196	135730	45.93	nq	97
43) 2,4,5-Trichlorophenol	10.24	196	139500	44.35	nq #	90
45) 1,1'-Biphenyl	10.43	154	594184	43.25	nq	99
46) 2-Chloronaphthalene	10.46	162	455903	42.46	nq	100
47) 2-Nitroaniline	10.58	65	120459	51.37	nq	96
48) Acenaphthylene	10.97	152	740062	42.12	nq	100
49) Dimethylphthalate	10.82	163	532076	43.72	nq	100
50) 2,6-Dinitrotoluene	10.89	165	97681	49.27	nq	97
51) Acenaphthene	11.19	154	469112	45.47	nq	98
52) 3-Nitroaniline	11.10	138	78369	30.47	nq	97
53) 2,4-Dinitrophenol	11.22	184	38458	122.03	nq #	76
54) Dibenzofuran	11.41	168	665677	43.98	nq	99
55) 4-Nitrophenol	11.29	139	177789	85.63	nq #	77
56) 2,4-Dinitrotoluene	11.39	165	125922	51.57	nq #	66
57) Fluorene	11.83	166	522291	43.17	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.55	232	112297	47.67	nq #	100
59) Diethylphthalate	11.70	149	536374	44.29	nq	99
60) 4-Chlorophenyl-phenylether	11.84	204	234514	43.56	nq	98
61) 4-Nitroaniline	11.85	138	116869	44.50	nq	96
62) Azobenzene	12.03	77	578838	46.88	nq	98
64) 4,6-Dinitro-2-methylphenol	11.89	198	30907	55.64	nq	83
65) n-Nitrosodiphenylamine	11.98	169	448432	43.46	nq	99
66) 4-Bromophenyl-phenylether	12.45	248	145095	45.04	nq	95
67) Hexachlorobenzene	12.50	284	158808	43.52	nq	93
68) Atrazine	12.65	200	130122	47.09	nq	98
69) Pentachlorophenol	12.75	266	170776	86.73	nq	98
70) Phenanthrene	13.03	178	782885	45.31	nq	100
71) Anthracene	13.09	178	747099	44.22	nq	100
72) Carbazole	13.29	167	754574	47.30	nq	99
73) Di-n-butylphthalate	13.74	149	804034	43.51	nq	100
74) Fluoranthene	14.50	202	783053	45.44	nq	100
76) Benzidine	14.69	184	275984	26.60	nq	99
77) Pyrene	14.79	202	843155	45.02	nq	99
79) Butylbenzylphthalate	15.61	149	329269	45.85	nq	96
80) Benzo(a)anthracene	16.29	228	770614	44.81	nq	100
81) 3,3'-Dichlorobenzidine	16.25	252	157047	26.83	nq #	97
82) Chrysene	16.33	228	714181	42.60	nq	100
83) Bis(2-ethylhexyl)phthalate	16.33	149	523259	45.39	nq #	98
84) Di-n-octyl phthalate	17.13	149	829487	44.86	nq #	100
85) Indeno(1,2,3-cd)pyrene	19.57	276	865059	45.49	nq #	100
87) Benzo(b)fluoranthene	17.59	252	746046	45.27	nq #	97
88) Benzo(k)fluoranthene	17.62	252	752630m	47.13	nq	
89) Benzo(a)pyrene	17.98	252	719757	48.82	nq	99
90) Dibenzo(a,h)anthracene	19.60	278	696912	45.64	nq	99
91) Benzo(g,h,i)perylene	20.02	276	704155	45.94	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: BF078803.D

Acq: 29 Apr 2015 5:01

Instrument :

BNA_F

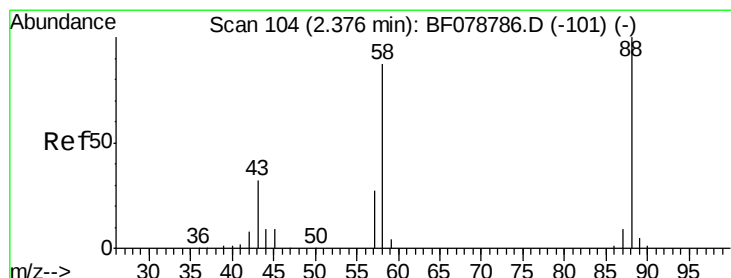
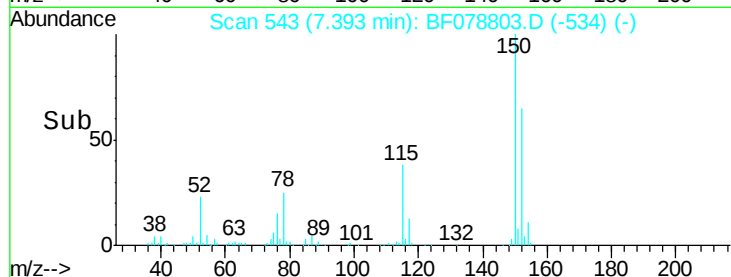
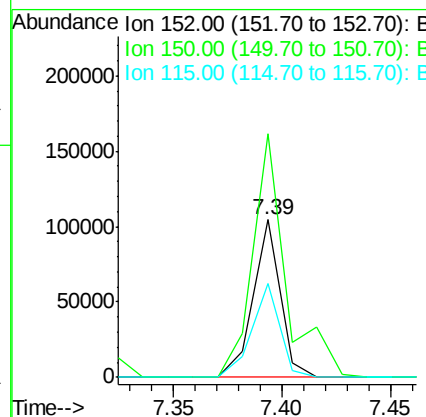
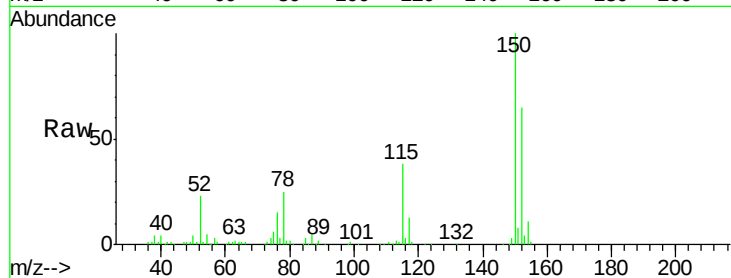
ClientSampleId :

PB83016BSD

Tot Ion:	152	Resp:	90081
Ion Ratio	Lower	Upper	
152	100		
150	154.4	122.0	183.0
115	59.4	46.3	69.5

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#2

1,4-Dioxane

Concen: 36.64 ng

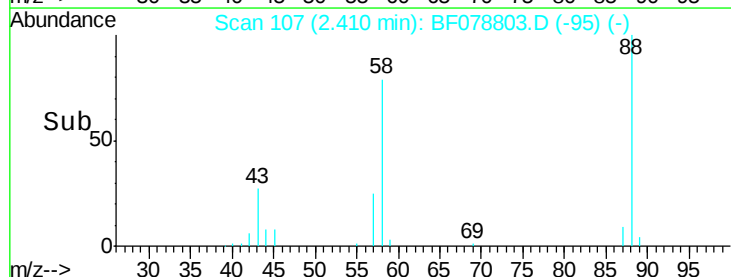
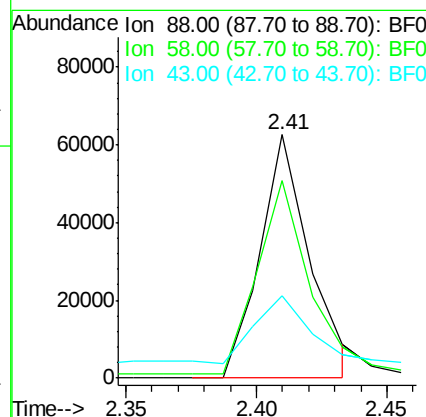
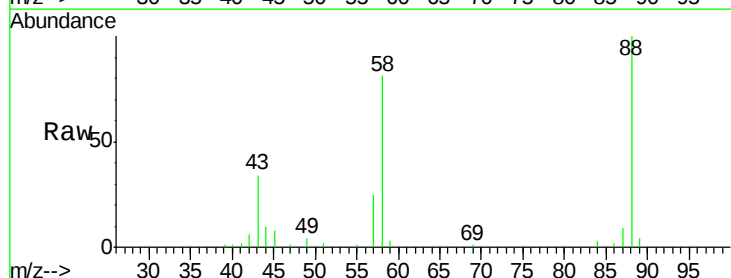
RT: 2.41 min Scan# 107

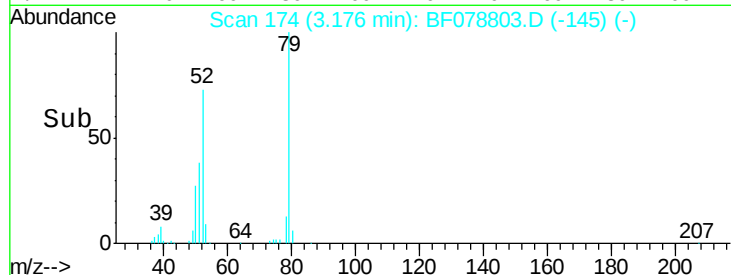
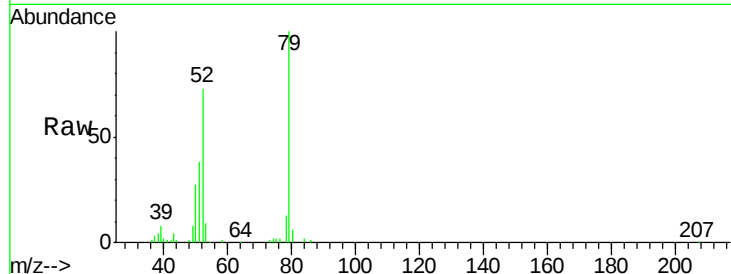
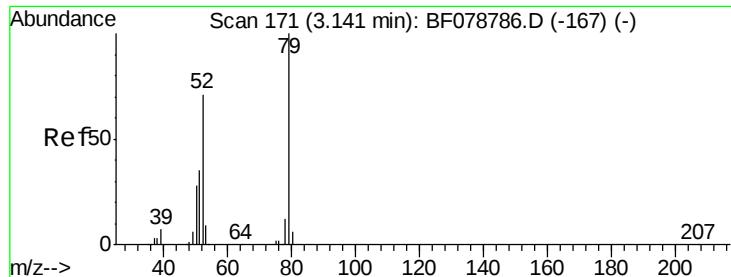
Delta R.T. 0.03 min

Lab File: BF078803.D

Acq: 29 Apr 2015 5:01

Tgt Ion:	88	Resp:	82458
Ion Ratio	Lower	Upper	
88	100		
58	82.9	0.0	0.0#
43	32.2	3.3	4.9#





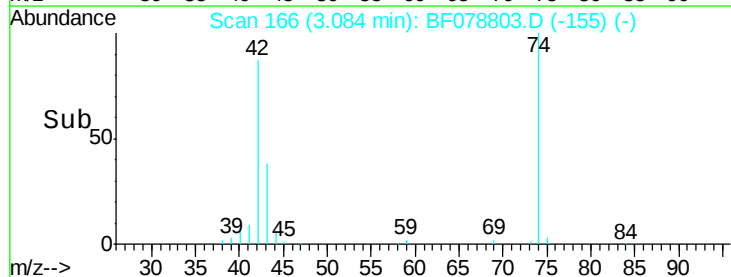
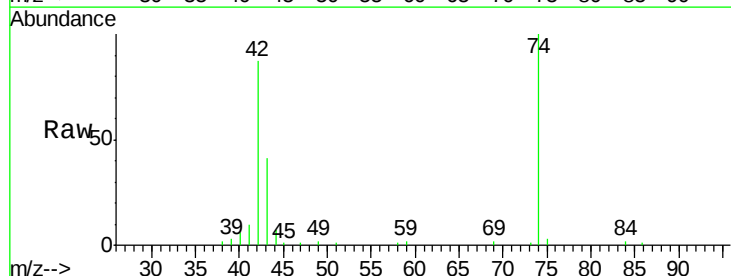
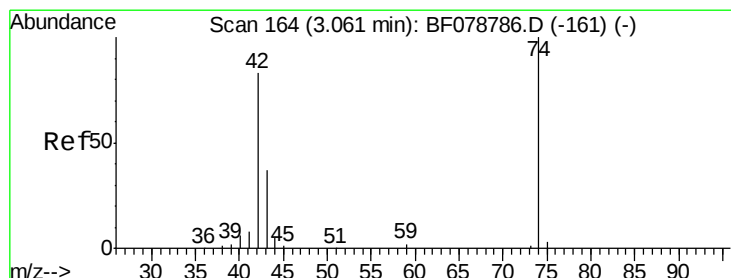
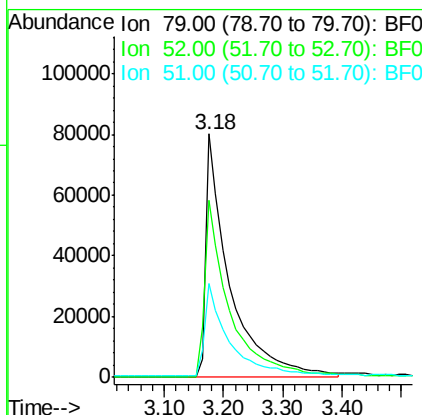
#3
 Pvridine
 Concen: 33.83 ng
 RT: 3.18 min Scan# 174
 Delta R.T. 0.03 min
 Lab File: BF078803.D
 Acq: 29 Apr 2015 5:01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	224790		
52	52	72.7		57.2	85.8
51	51	38.5		28.9	43.3

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 PB83016BSD

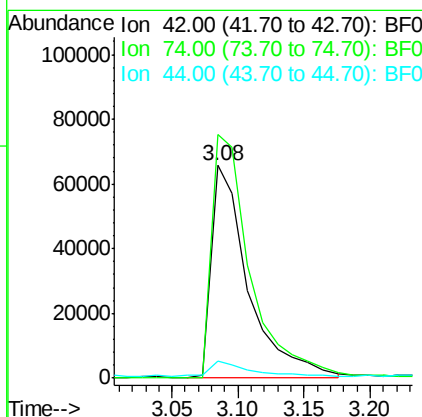
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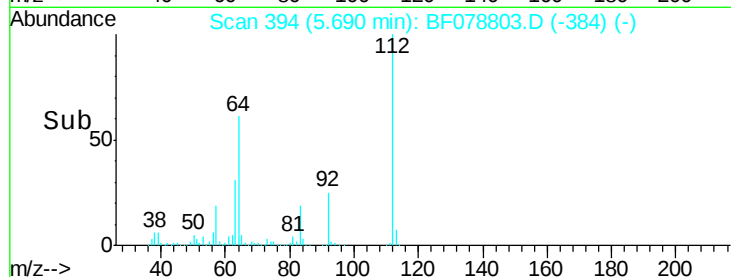
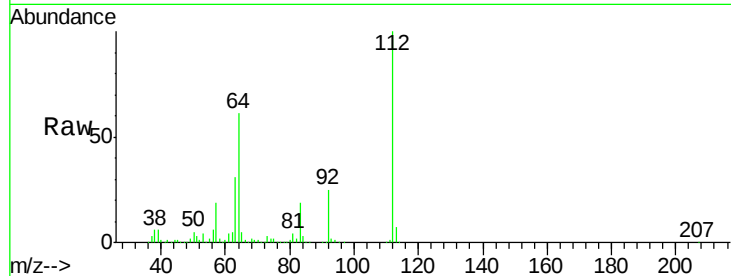
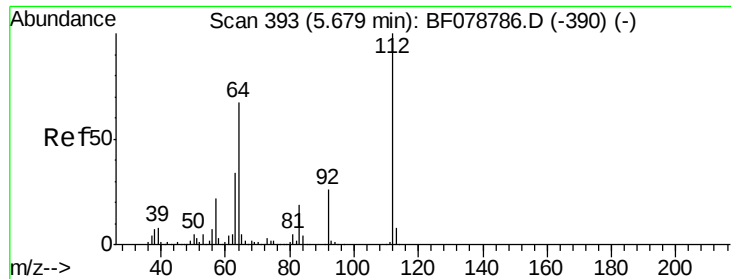
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#4
 n-Nitrosodimethylamine
 Concen: 43.44 ng m
 RT: 3.08 min Scan# 166
 Delta R.T. 0.02 min
 Lab File: BF078803.D
 Acq: 29 Apr 2015 5:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	129701		
74	74	114.4		96.5	144.7
44	44	7.7		6.1	9.1





#5

2-Fluorophenol

Concen: 138.22 ng

RT: 5.69 min Scan# 394

Delta R.T. 0.01 min

Lab File: BF078803.D

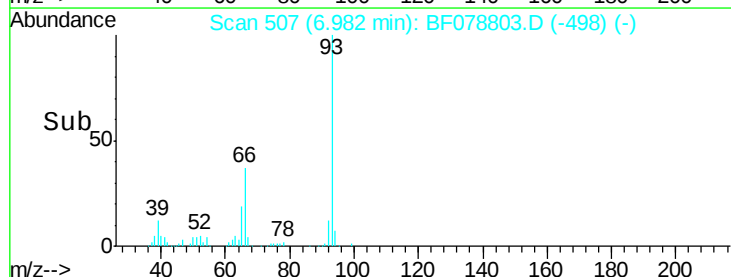
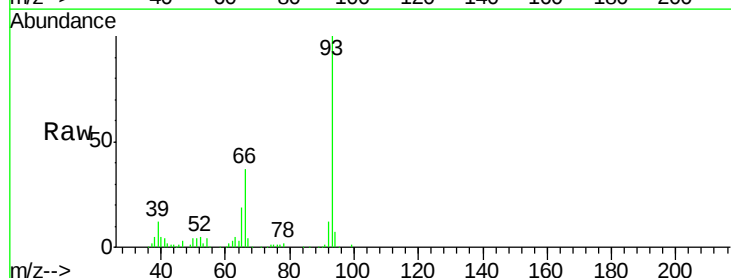
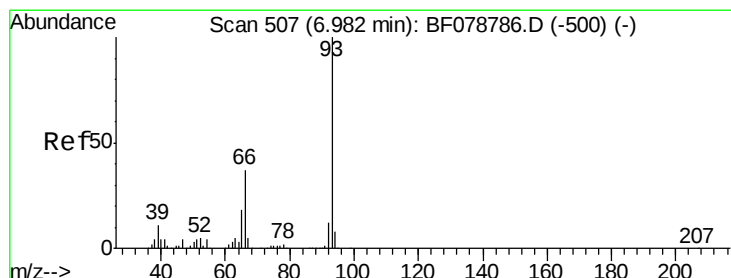
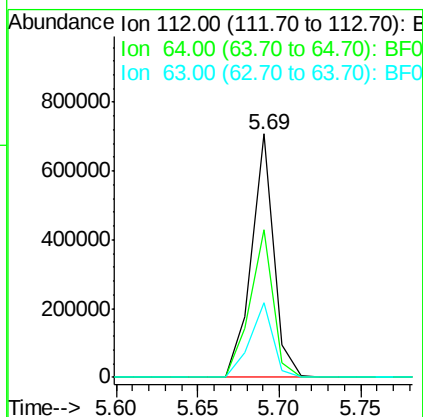
Acq: 29 Apr 2015 5:01

Tot Ion:	112	Resp:	677913
Ion Ratio	Lower	Upper	
112	100		
64	60.8	53.5	80.3
63	30.7	27.5	41.3

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#6

Aniline

Concen: 22.16 ng

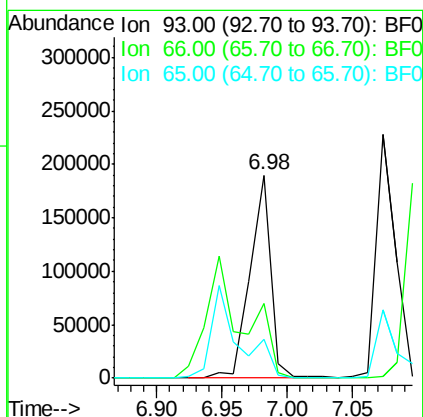
RT: 6.98 min Scan# 507

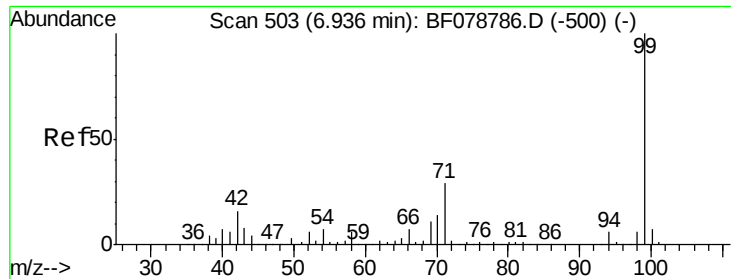
Delta R.T. -0.00 min

Lab File: BF078803.D

Acq: 29 Apr 2015 5:01

Tgt Ion:	93	Resp:	212065
Ion Ratio	Lower	Upper	
93	100		
66	36.6	29.7	44.5
65	19.0	14.6	22.0





#7

Phenol-d6

Concen: 132.95 ng

RT: 6.94 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF078803.D

Acq: 29 Apr 2015 5:01

Instrument :

BNA_F

ClientSampleId :

PB83016BSD

Tot Ion: 99 Resp: 870847

Ion Ratio Lower Upper

99 100

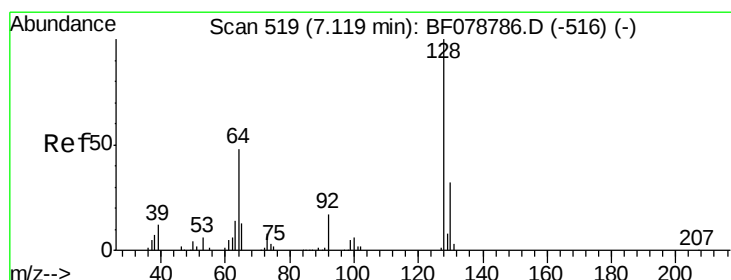
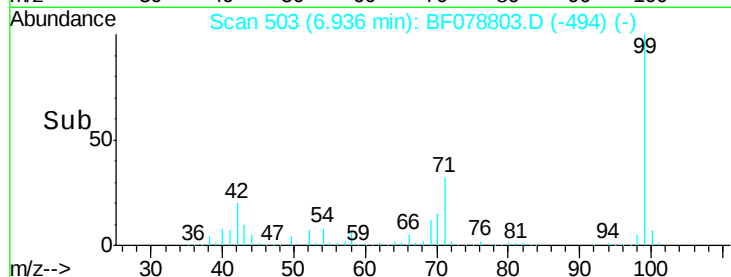
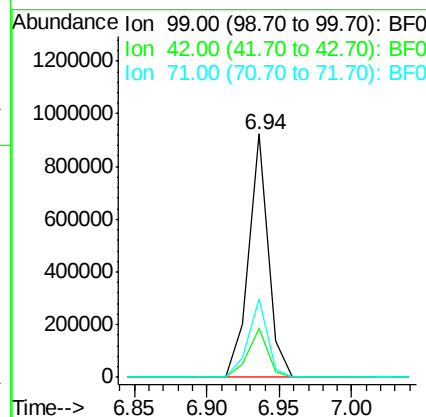
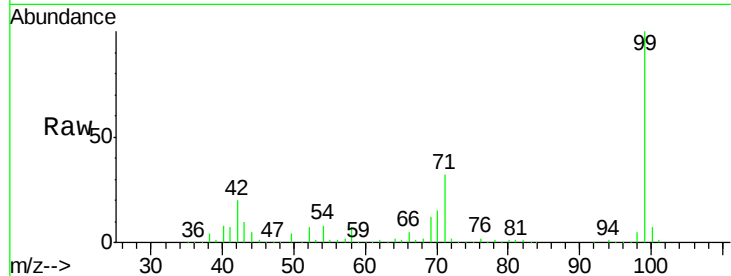
42 20.0 12.8 19.2#

71 32.5 23.4 35.2

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#8

2-Chlorophenol

Concen: 44.21 ng

RT: 7.12 min Scan# 519

Delta R.T. -0.00 min

Lab File: BF078803.D

Acq: 29 Apr 2015 5:01

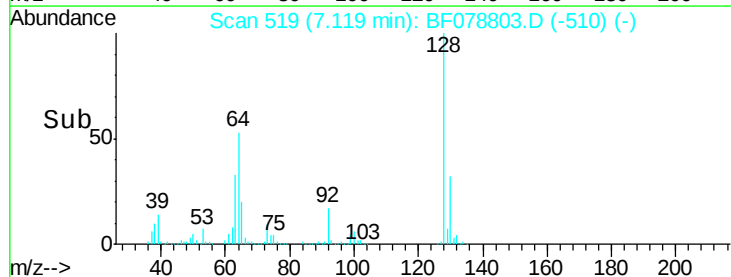
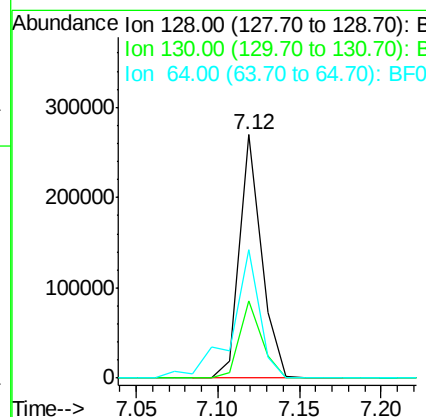
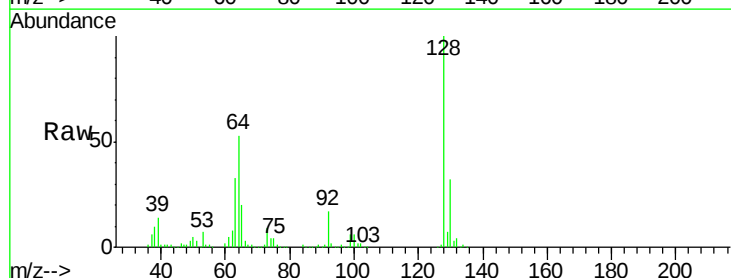
Tgt Ion: 128 Resp: 249252

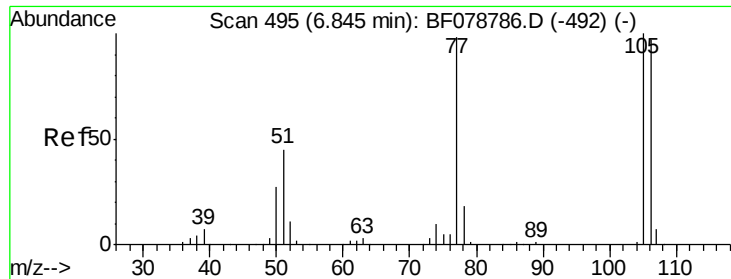
Ion Ratio Lower Upper

128 100

130 31.8 12.1 52.1

64 52.7 29.6 69.6





#9

Benzaldehyde

Concen: 3.57 ng

RT: 6.84 min Scan# 495

Delta R.T. -0.00 min

Lab File: BF078803.D

Acq: 29 Apr 2015 5:01

Instrument :

BNA_F

ClientSampleId :

PB83016BSD

Tot Ion: 77 Resp: 16893

Ion Ratio Lower Upper

77 100

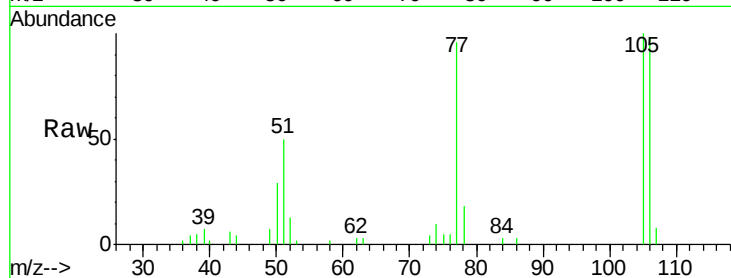
105 104.0 81.7 121.7

106 101.6 79.0 119.0

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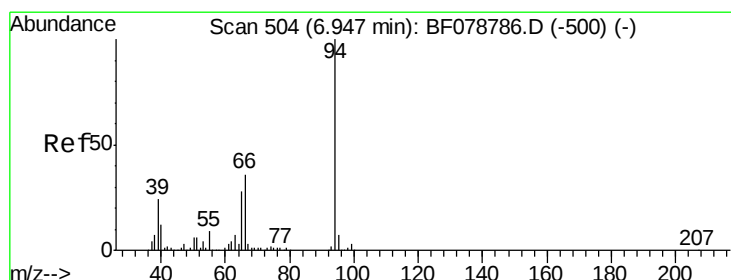
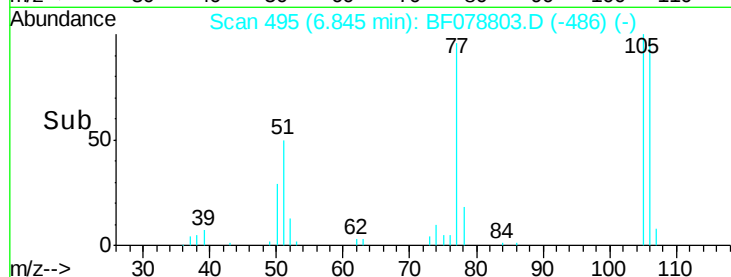
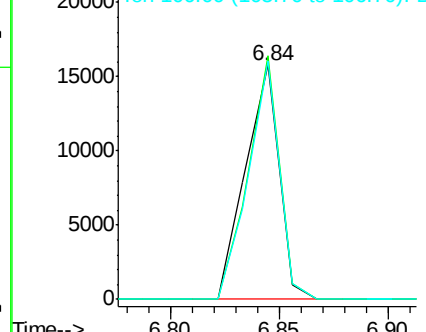
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Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 39.82 ng

RT: 6.95 min Scan# 504

Delta R.T. -0.00 min

Lab File: BF078803.D

Acq: 29 Apr 2015 5:01

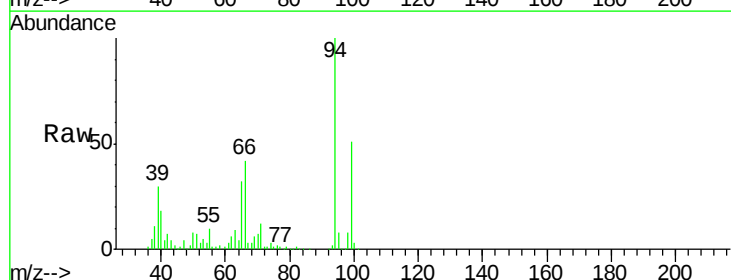
Tgt Ion: 94 Resp: 308330

Ion Ratio Lower Upper

94 100

65 32.0 8.5 48.5

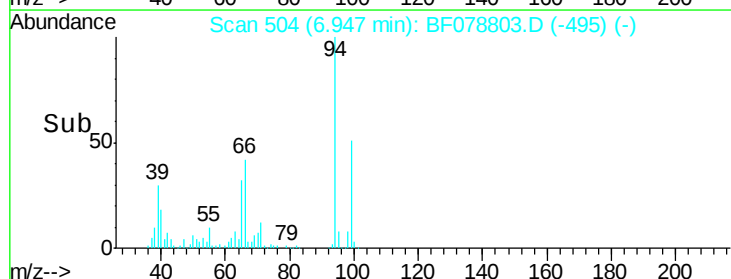
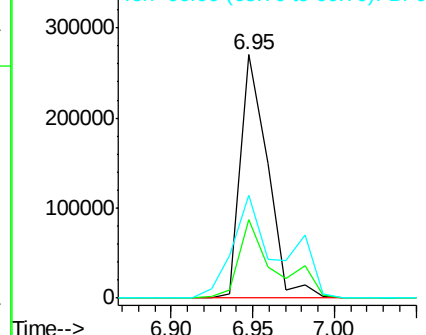
66 42.1 16.0 56.0

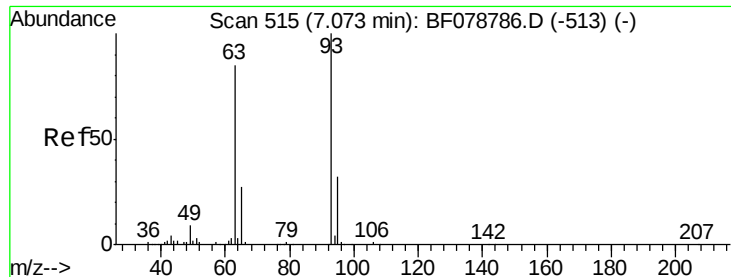


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 40.89 ng

RT: 7.07 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF078803.D

Acq: 29 Apr 2015 5:01

Instrument :

BNA_F

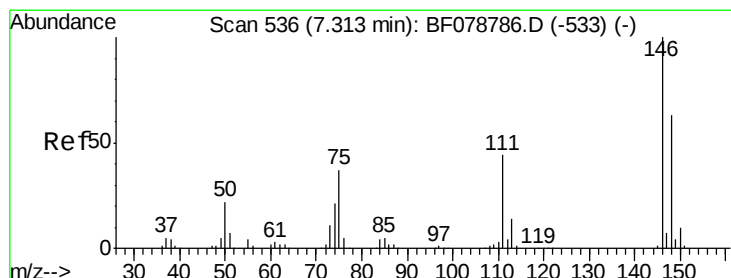
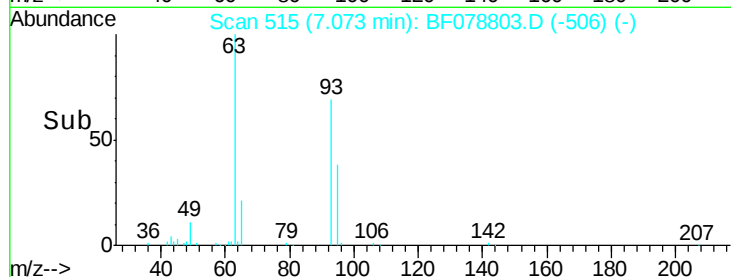
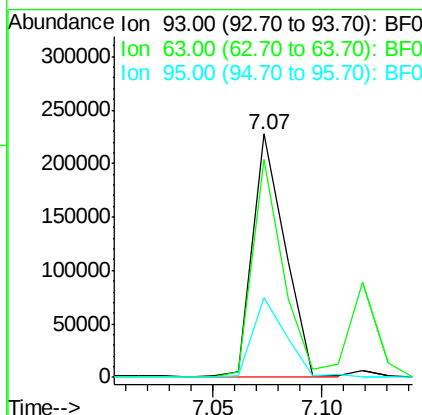
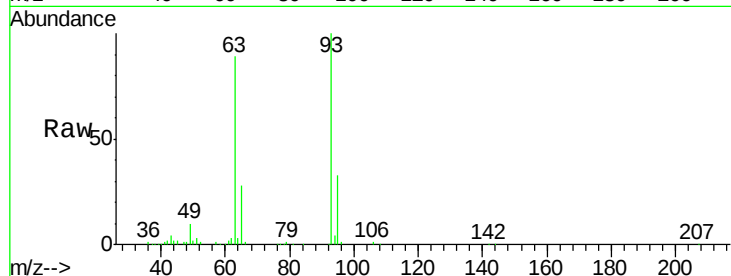
ClientSampleId :

PB83016BSD

Tot Ion:	93	Resp:	234121
Ion Ratio	Lower	Upper	
93	100		
63	89.4	64.8	104.8
95	32.8	12.4	52.4

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#12

1,3-Dichlorobenzene

Concen: 40.27 ng

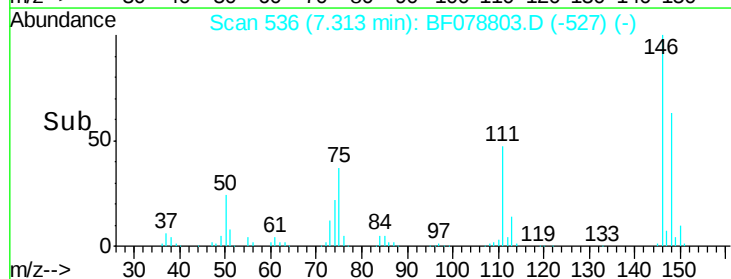
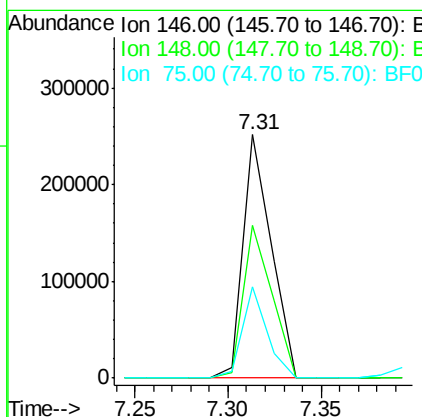
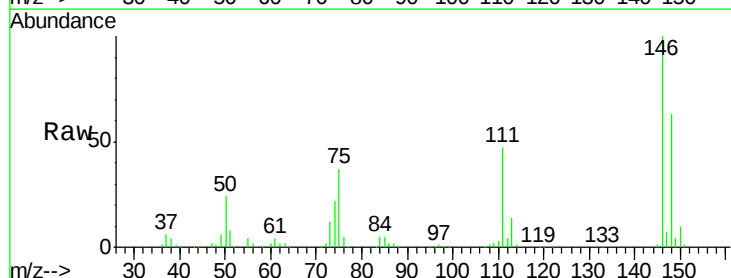
RT: 7.31 min Scan# 536

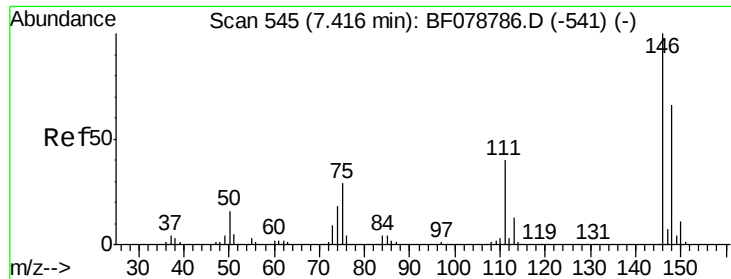
Delta R.T. -0.00 min

Lab File: BF078803.D

Acq: 29 Apr 2015 5:01

Tgt Ion:	146	Resp:	263595
Ion Ratio	Lower	Upper	
146	100		
148	62.6	50.2	75.2
75	37.4	29.2	43.8





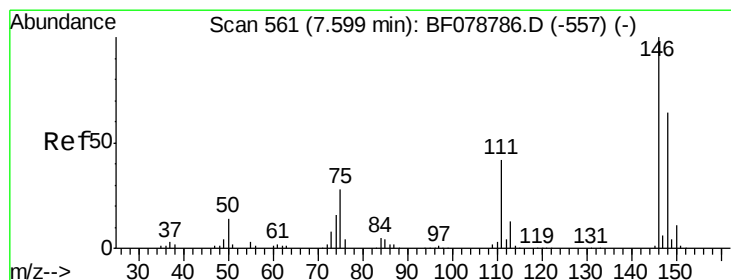
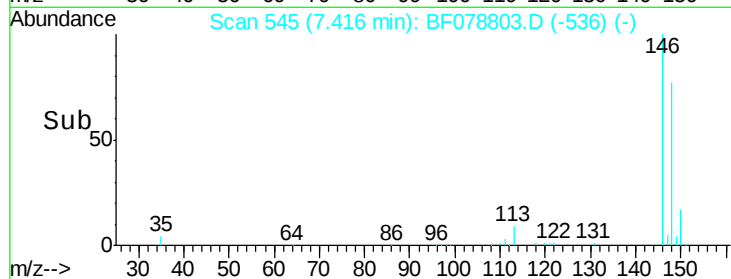
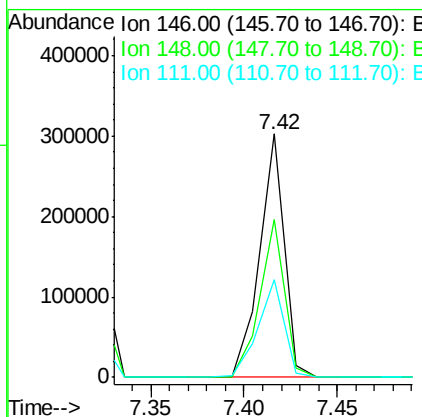
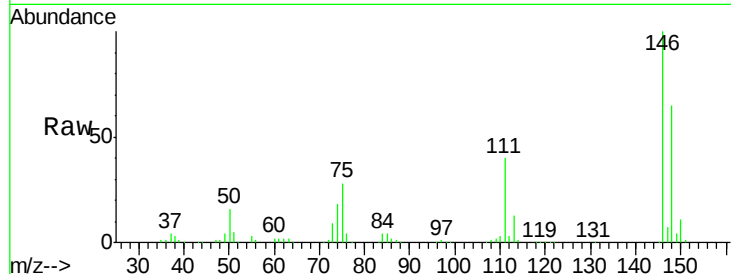
#13
 1,4-Dichlorobenzene
 Concen: 40.98 ng
 RT: 7.42 min Scan# 545
 Delta R.T. -0.00 min
 Lab File: BF078803.D
 Acq: 29 Apr 2015 5:01

Instrument :
 BNA_F
 ClientSampleId :
 PB83016BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		274641		
148	65.0	52.8	79.2		
111	40.0	31.7	47.5		

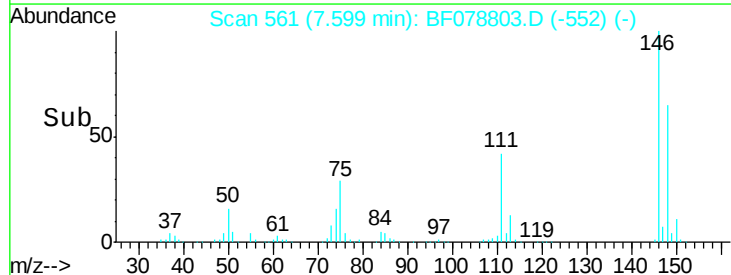
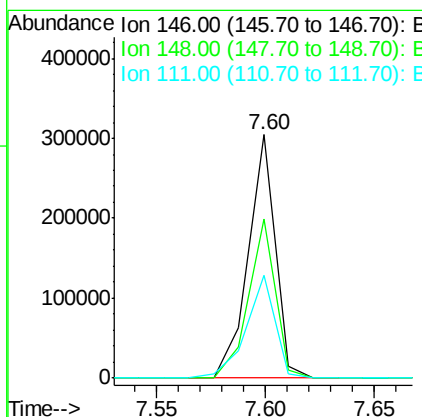
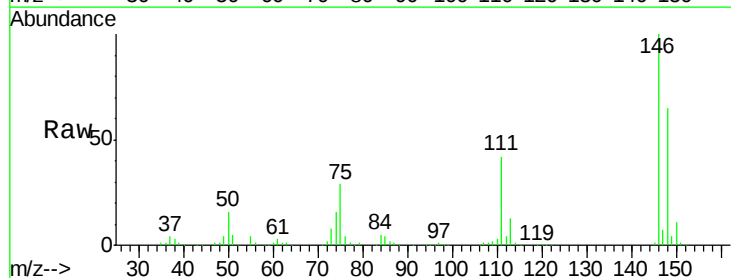
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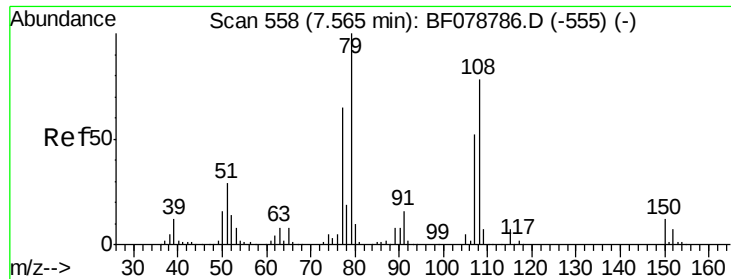
apatel
 4/29/2015 3:53:48 PM



#14
 1,2-Dichlorobenzene
 Concen: 41.91 ng
 RT: 7.60 min Scan# 561
 Delta R.T. -0.00 min
 Lab File: BF078803.D
 Acq: 29 Apr 2015 5:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		262409		
148	65.5	51.2	76.8		
111	42.1	33.3	49.9		





#15

Benzyl Alcohol

Concen: 43.13 ng

RT: 7.56 min Scan# 558

Delta R.T. 0.00 min

Lab File: BF078803.D

Acq: 29 Apr 2015 5:01

Instrument :

BNA_F

ClientSampleId :

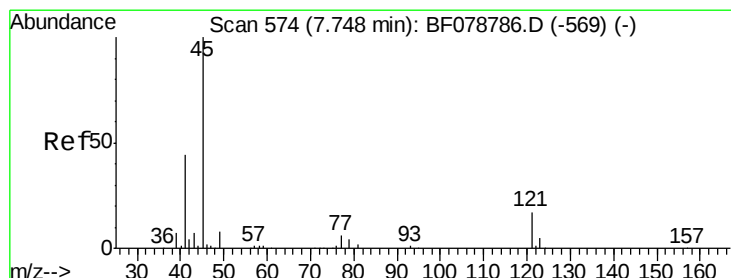
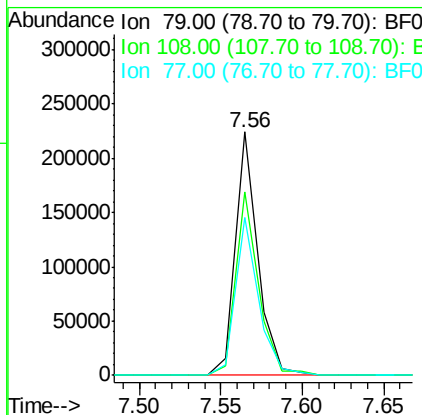
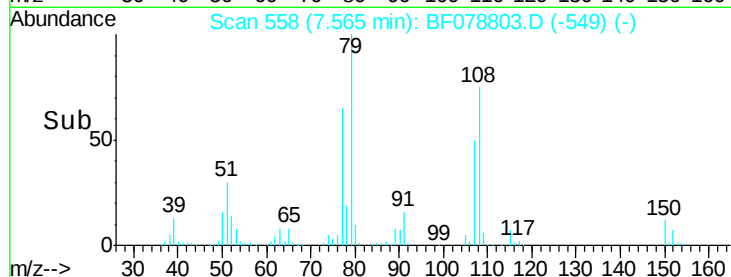
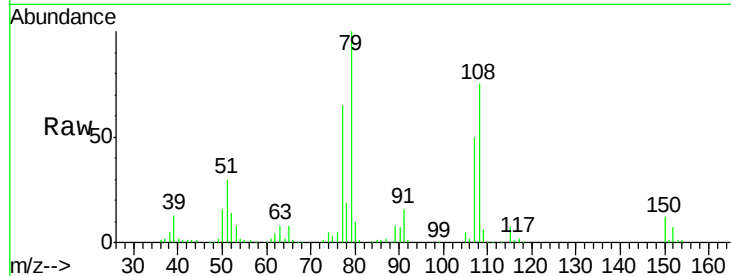
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Tot Ion:	79	Resp:	210514
Ion Ratio	Lower	Upper	
79	100		
108	75.2	62.5	93.7
77	64.9	52.2	78.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.34 ng

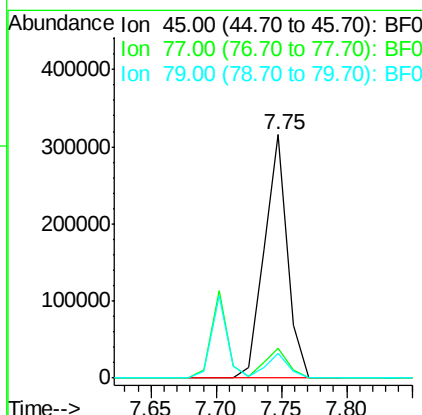
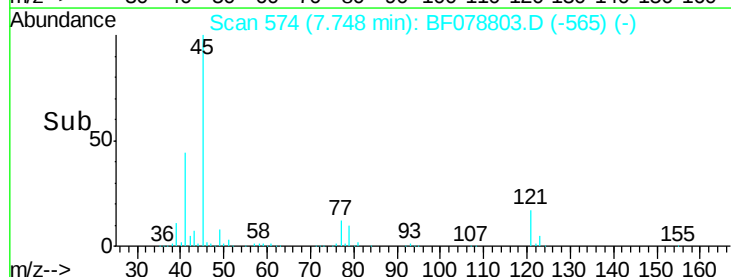
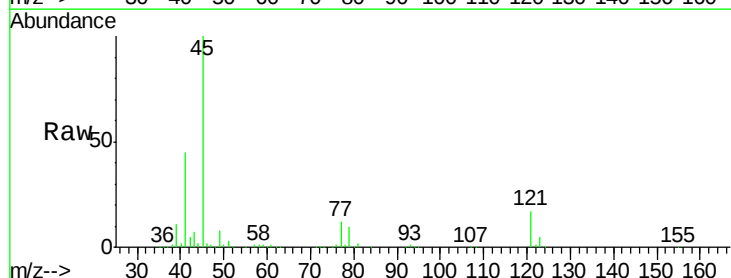
RT: 7.75 min Scan# 574

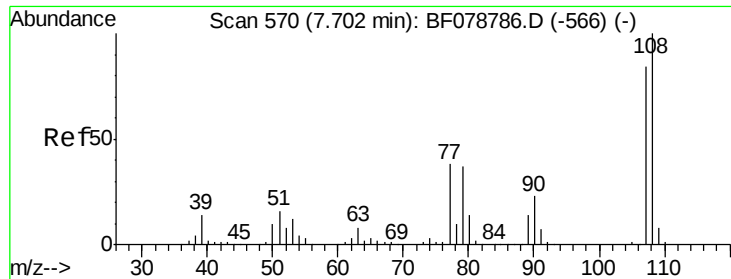
Delta R.T. -0.00 min

Lab File: BF078803.D

Acq: 29 Apr 2015 5:01

Tgt Ion:	45	Resp:	387917
Ion Ratio	Lower	Upper	
45	100		
77	12.1	0.0	32.3
79	9.9	0.0	30.1





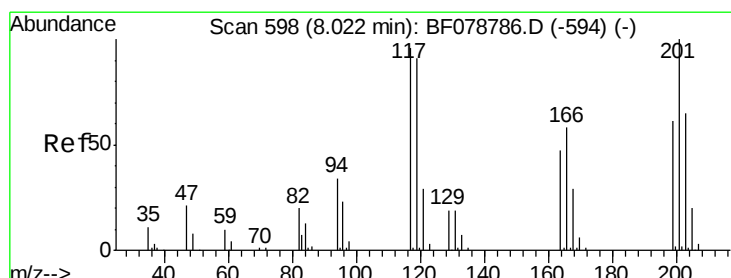
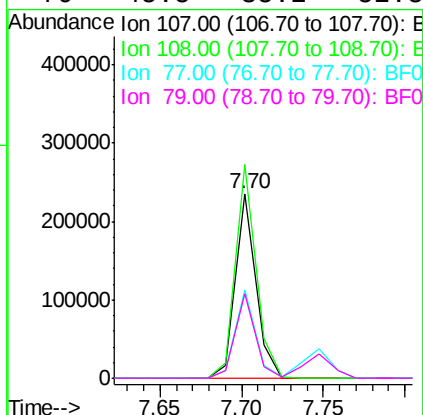
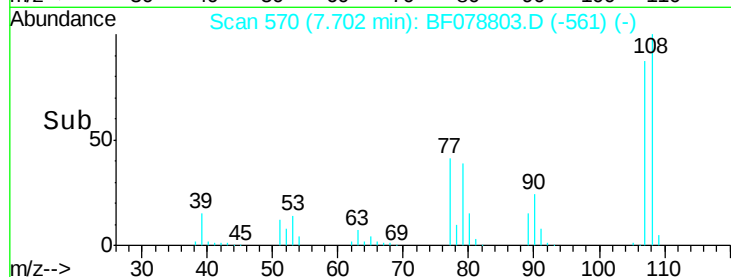
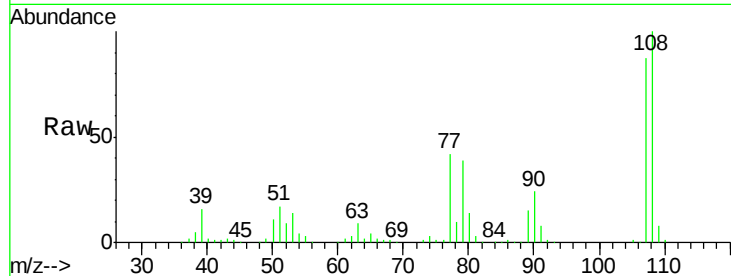
#17
2-Methylphenol
Concen: 44.76 ng
RT: 7.70 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF078803.D
Acq: 29 Apr 2015 5:01

Instrument :
BNA_F
ClientSampleId :
PB83016BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.6	94.9	142.3	
77	48.0	36.2	54.4	
79	45.5	35.2	52.8	

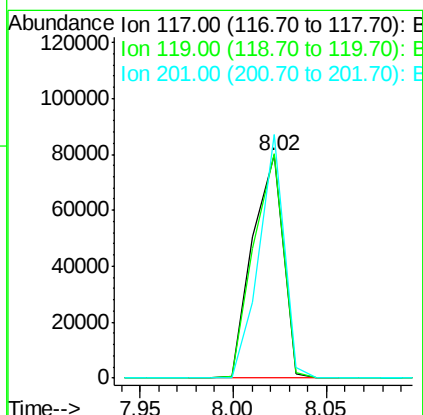
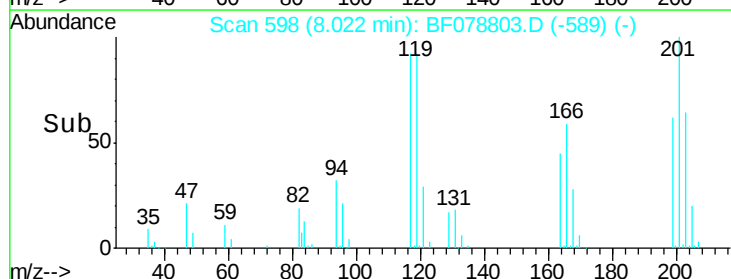
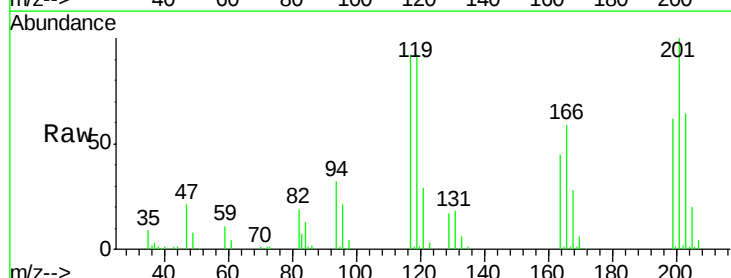
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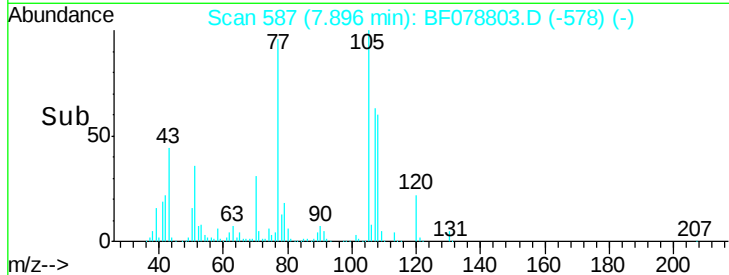
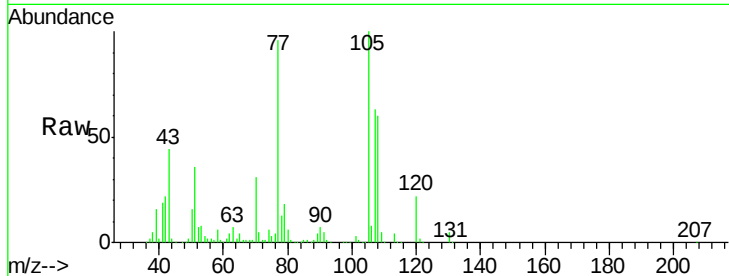
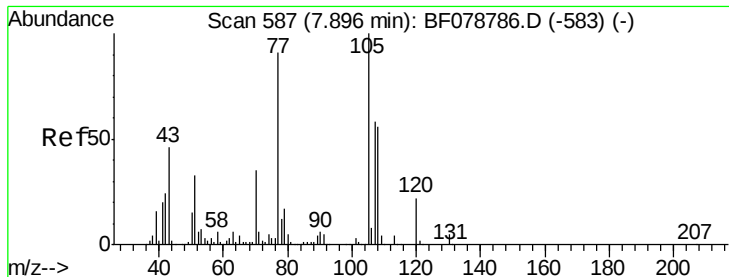
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#18
Hexachloroethane
Concen: 40.96 ng
RT: 8.02 min Scan# 598
Delta R.T. -0.00 min
Lab File: BF078803.D
Acq: 29 Apr 2015 5:01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	100.9	75.4	113.0	
201	109.2	83.2	124.8	





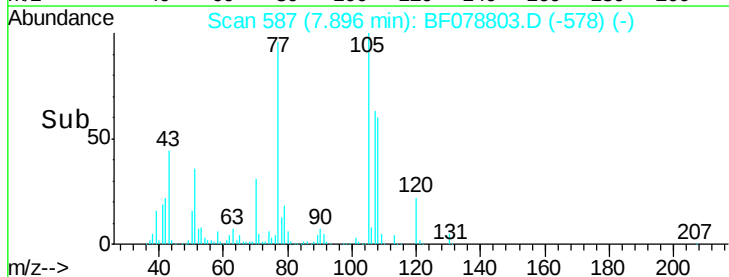
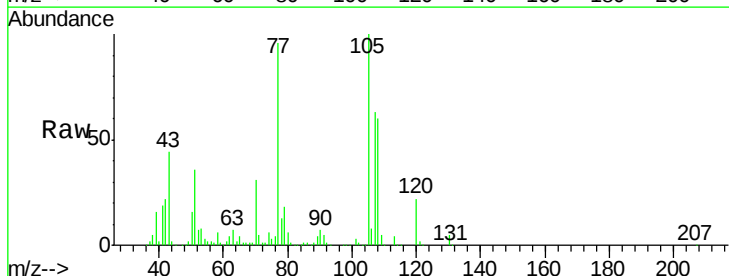
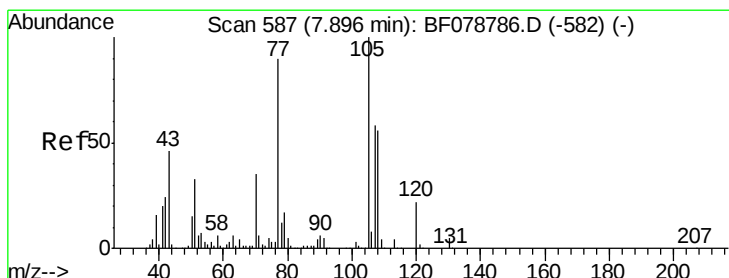
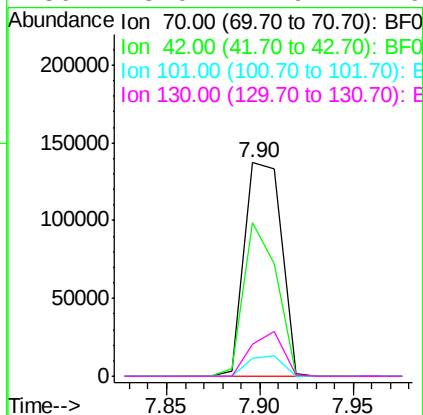
#19
n-Nitroso-di-n-propylamine
Concen: 41.46 ng
RT: 7.90 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF078803.D
Acq: 29 Apr 2015 5:01

Instrument :
BNA_F
ClientSampleId :
PB83016BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		189485		
42	71.9	55.4	83.0		
101	8.5	6.6	10.0		
130	15.0	11.9	17.9		

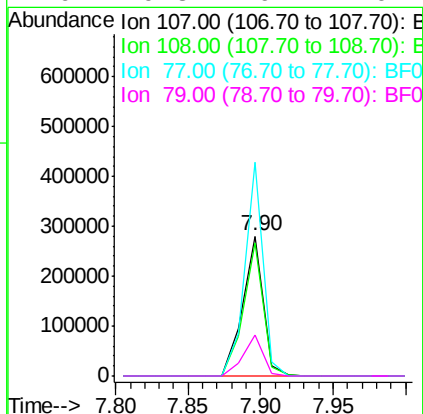
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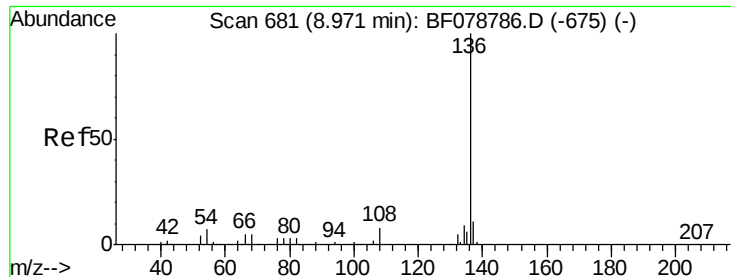
apatel
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#20
3+4-Methylphenols
Concen: 45.88 ng
RT: 7.90 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF078803.D
Acq: 29 Apr 2015 5:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		272789		
108	94.9	76.9	116.9		
77	153.0	136.8	176.8		
79	29.3	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: BF078803.D

Acq: 29 Apr 2015 5:01

Instrument :

BNA_F

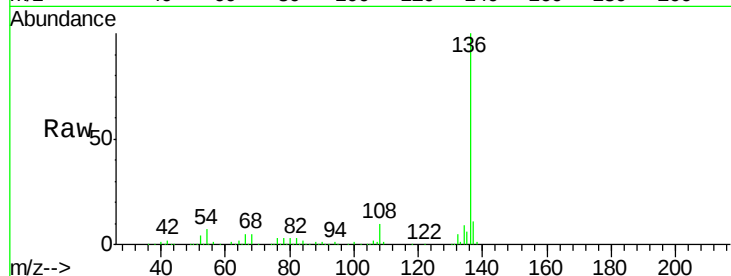
ClientSampleId :

PB83016BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		366268		
137	10.7		8.7	13.1	
54	7.5		5.8	8.8	
68	5.3		4.2	6.4	

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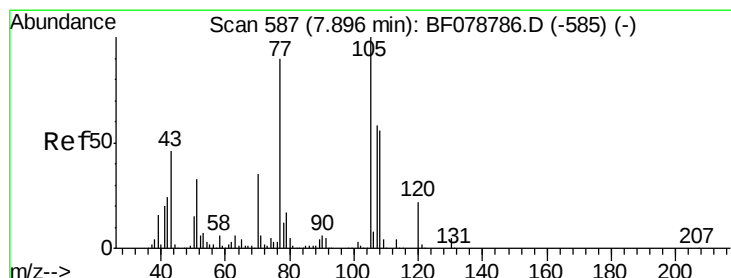
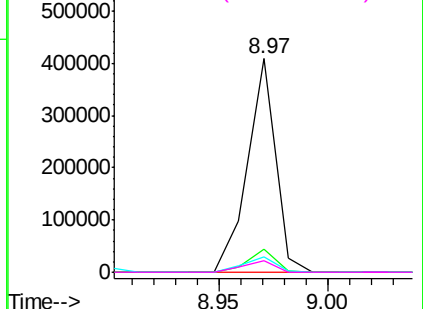
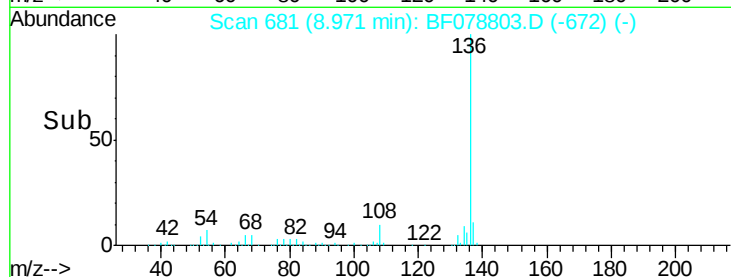


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 45.29 ng

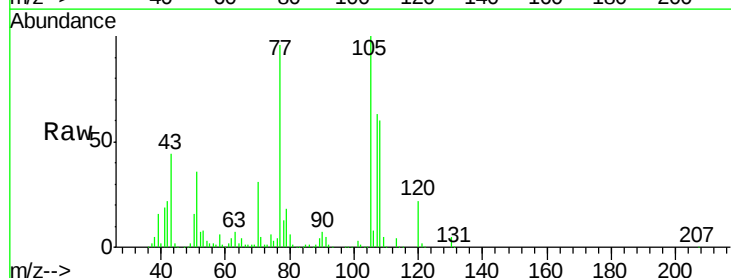
RT: 7.90 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF078803.D

Acq: 29 Apr 2015 5:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		367495		
71	5.4		4.6	6.8	
51	35.9		26.7	40.1	
120	21.5		17.4	26.0	

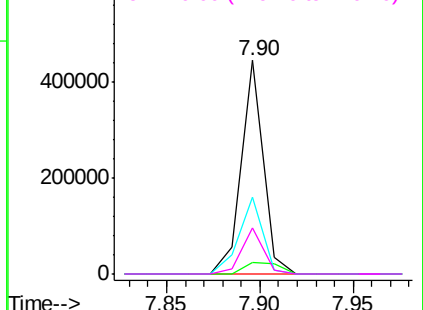
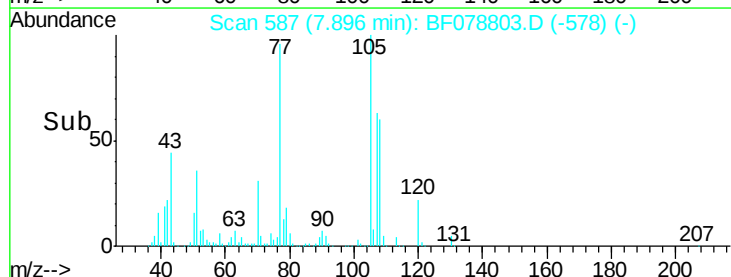


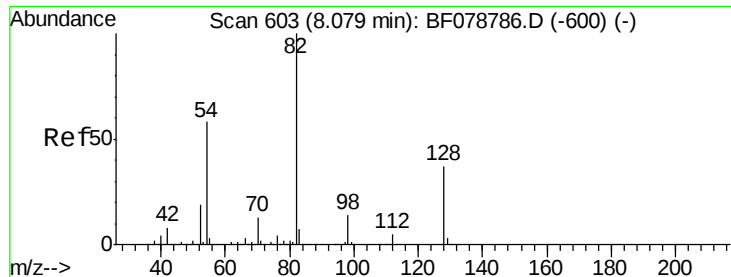
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





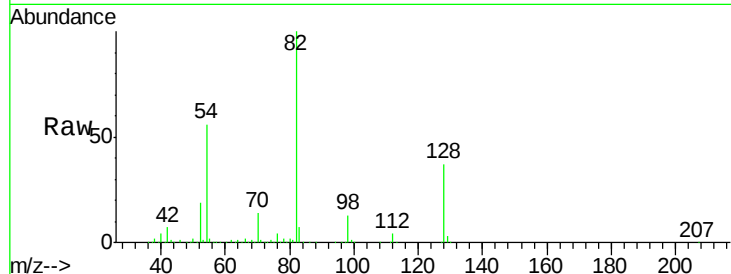
#23
Nitrobenzene-d5
Concen: 89.62 ng
RT: 8.08 min Scan# 603
Delta R.T. -0.00 min
Lab File: BF078803.D
Acq: 29 Apr 2015 5:01

Instrument :
BNA_F
ClientSampleId :
PB83016BSD

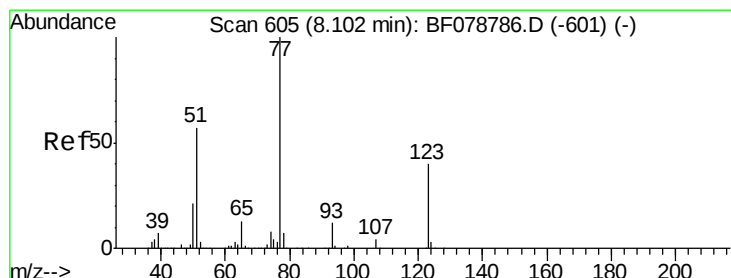
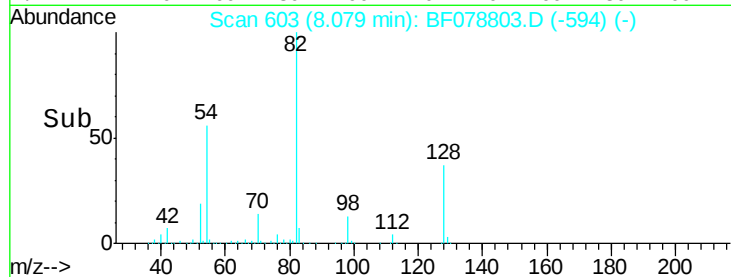
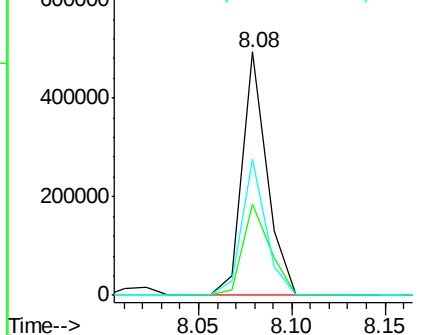
Tot Ion	Ratio	Resp	Lower	Upper
82	100	455891		
128	37.4	30.0	45.0	
54	56.1	46.4	69.6	

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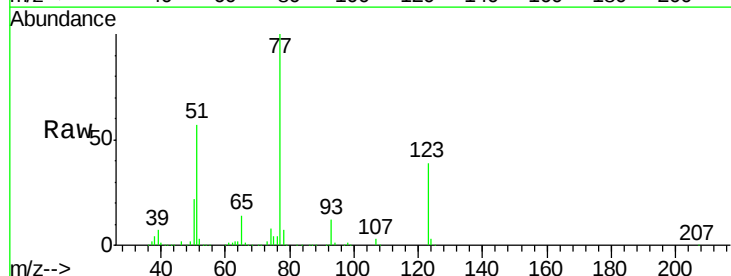


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

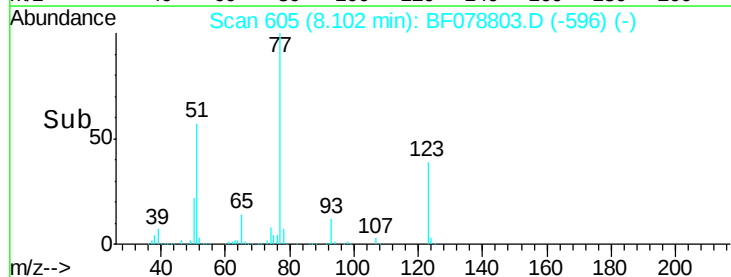
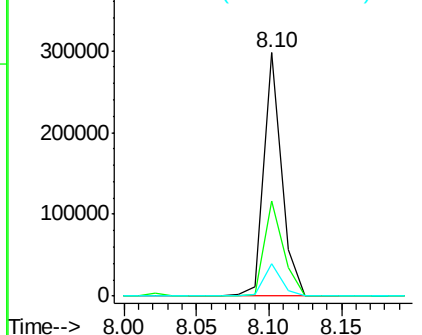


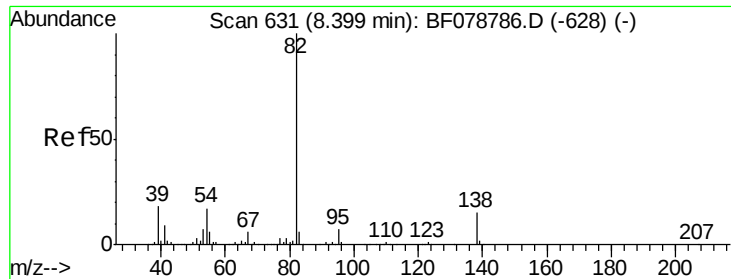
#24
Nitrobenzene
Concen: 46.43 ng
RT: 8.10 min Scan# 605
Delta R.T. -0.00 min
Lab File: BF078803.D
Acq: 29 Apr 2015 5:01

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	252961		
123	38.9	31.8	47.8	
65	13.6	10.6	15.8	



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 41.53 ng

RT: 8.40 min Scan# 631

Delta R.T. -0.00 min

Lab File: BF078803.D

Acq: 29 Apr 2015 5:01

Instrument :

BNA_F

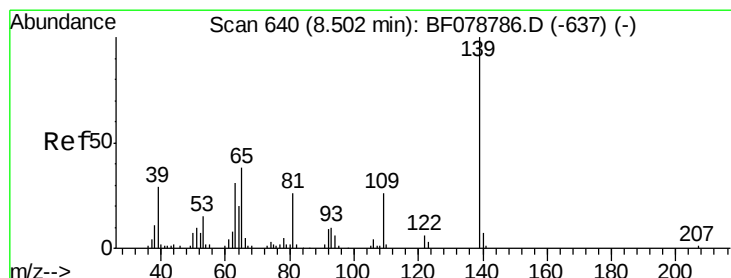
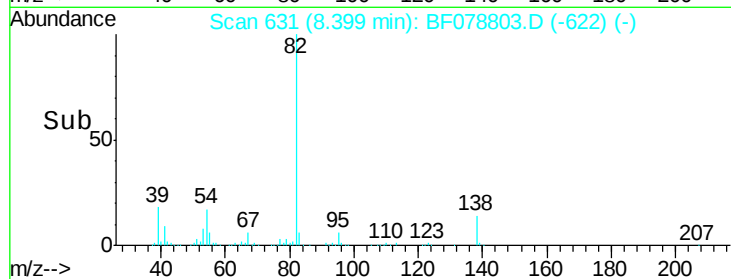
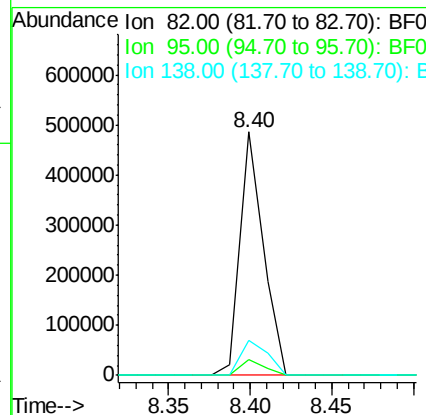
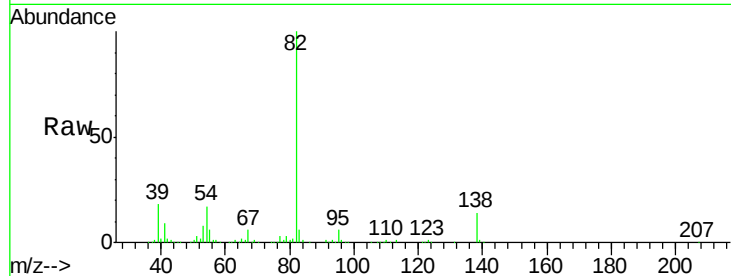
ClientSampleId :

PB83016BSD

Tot Ion:	82	Resp:	477632
Ion Ratio	Lower	Upper	
82	100		
95	6.4	5.3	7.9
138	14.4	12.0	18.0

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#26

2-Nitrophenol

Concen: 49.61 ng

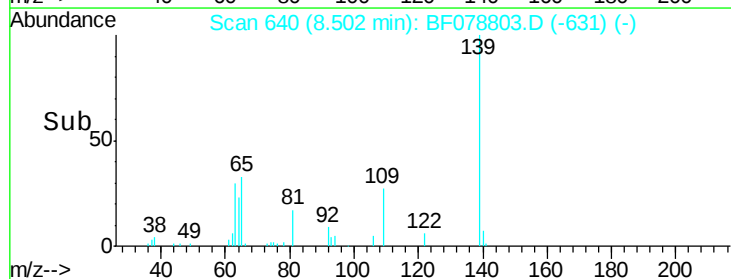
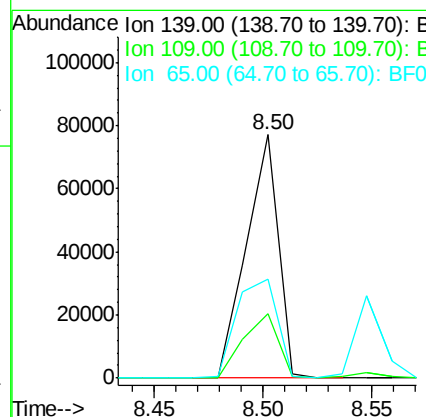
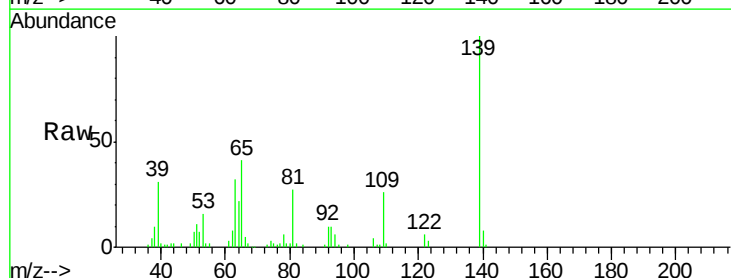
RT: 8.50 min Scan# 640

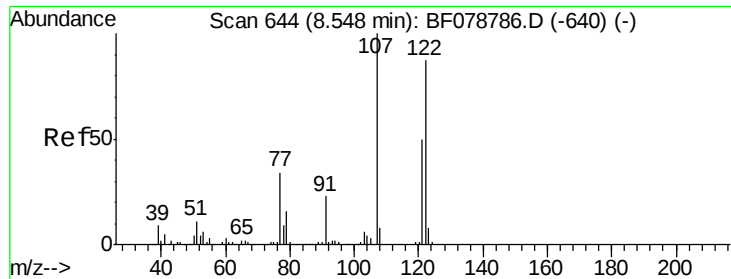
Delta R.T. 0.00 min

Lab File: BF078803.D

Acq: 29 Apr 2015 5:01

Tgt Ion:	139	Resp:	78377
Ion Ratio	Lower	Upper	
139	100		
109	26.4	21.0	31.4
65	40.6	30.5	45.7





#27

2,4-Dimethylphenol

Concen: 45.02 ng

RT: 8.55 min Scan# 644

Delta R.T. -0.00 min

Lab File: BF078803.D

Acq: 29 Apr 2015 5:01

Instrument :

BNA_F

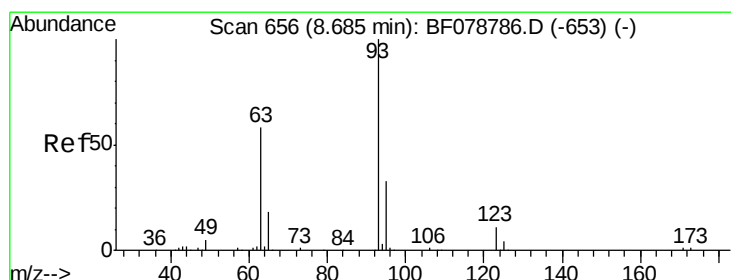
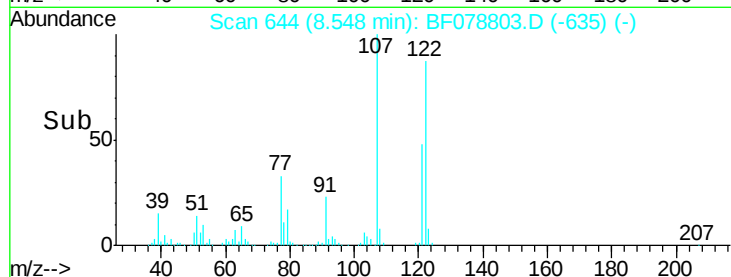
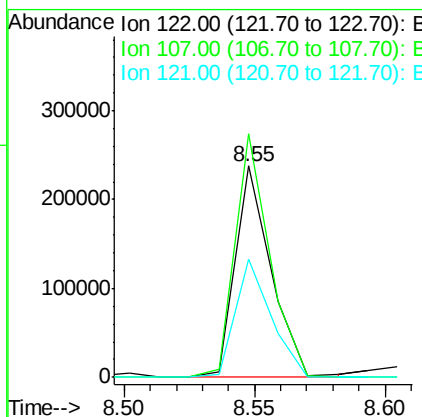
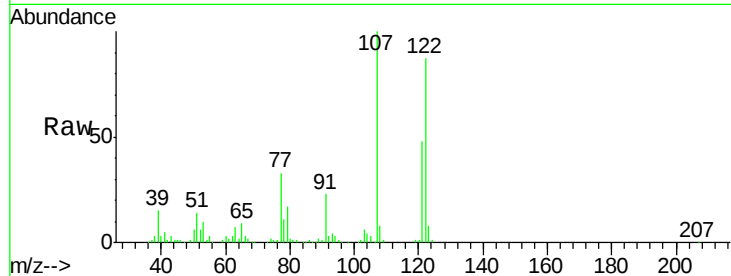
ClientSampleId :

PB83016BSD

Tot Ion:	122	Resp:	229685
Ion Ratio	Lower	Upper	
122	100		
107	115.1	90.6	135.8
121	55.8	45.4	68.2

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#28

bis(2-Chloroethoxy)methane

Concen: 43.27 ng

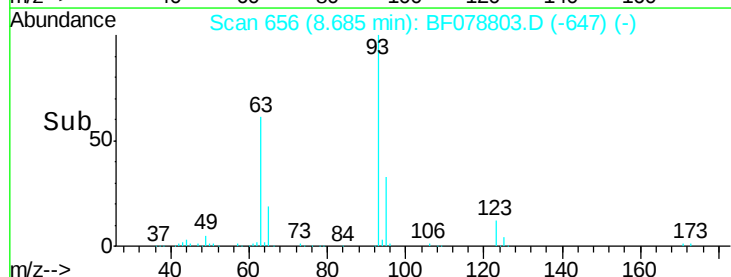
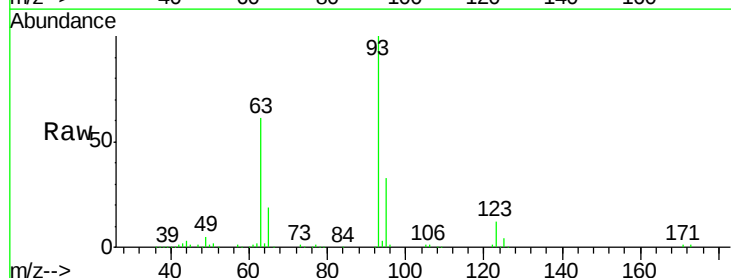
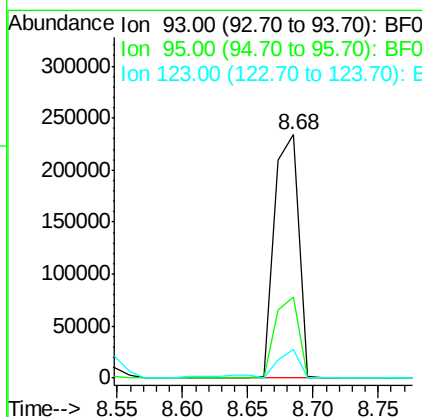
RT: 8.68 min Scan# 656

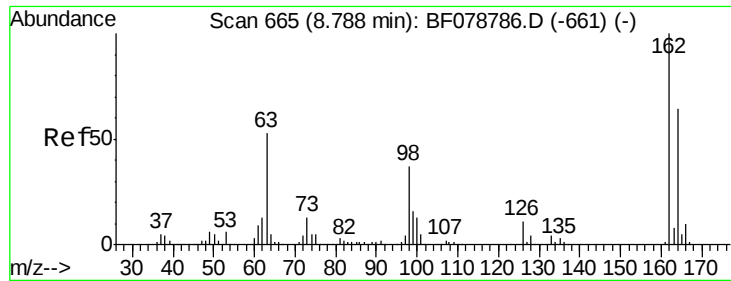
Delta R.T. -0.00 min

Lab File: BF078803.D

Acq: 29 Apr 2015 5:01

Tgt Ion:	93	Resp:	307262
Ion Ratio	Lower	Upper	
93	100		
95	33.1	26.7	40.1
123	11.7	9.1	13.7





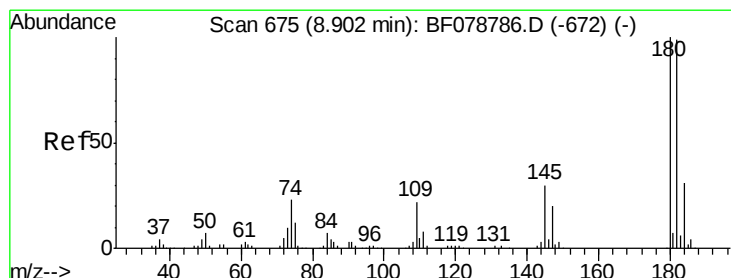
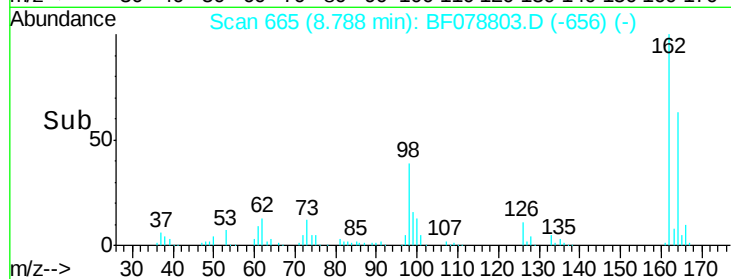
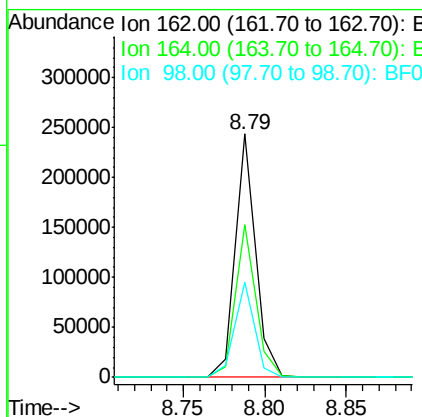
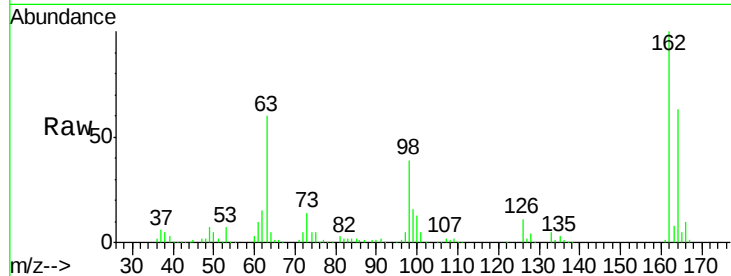
#29
 2,4-Dichlorophenol
 Concen: 47.74 ng
 RT: 8.79 min Scan# 665
 Delta R.T. -0.00 min
 Lab File: BF078803.D
 Acq: 29 Apr 2015 5:01

Instrument :
 BNA_F
 ClientSampleId :
 PB83016BSD

Tot Ion:	162	Resp:	208192
Ion Ratio	Lower	Upper	
162	100		
164	62.7	43.6	83.6
98	39.0	16.5	56.5

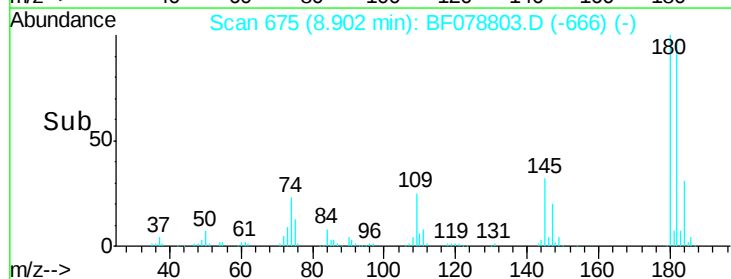
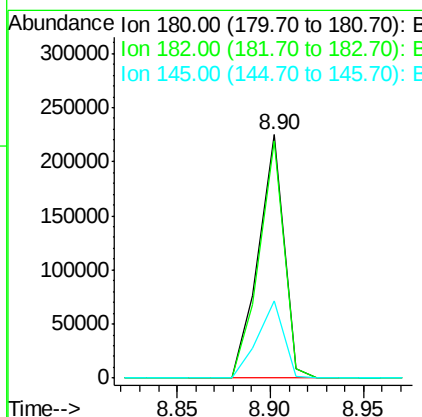
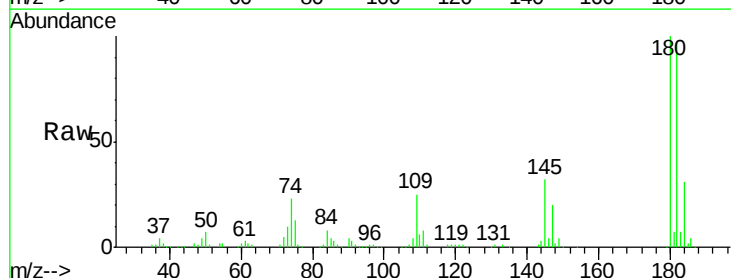
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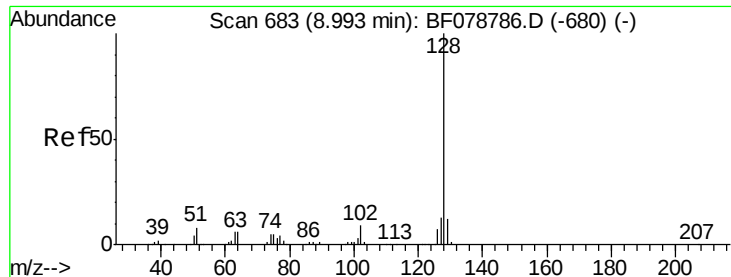
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.41 ng
 RT: 8.90 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: BF078803.D
 Acq: 29 Apr 2015 5:01

Tgt Ion:	180	Resp:	212384
Ion Ratio	Lower	Upper	
180	100		
182	97.3	78.9	118.3
145	31.6	24.2	36.4





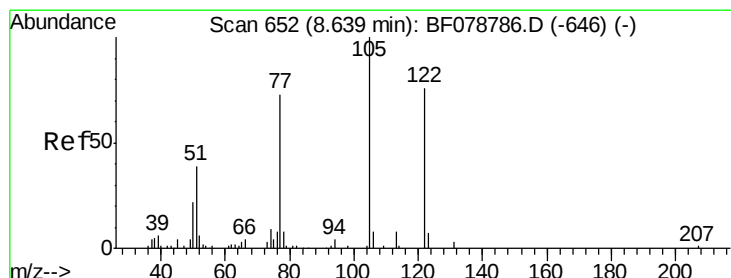
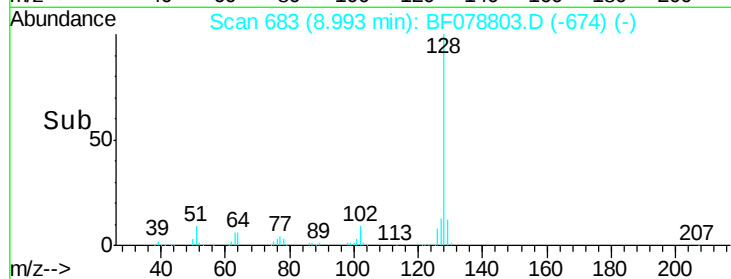
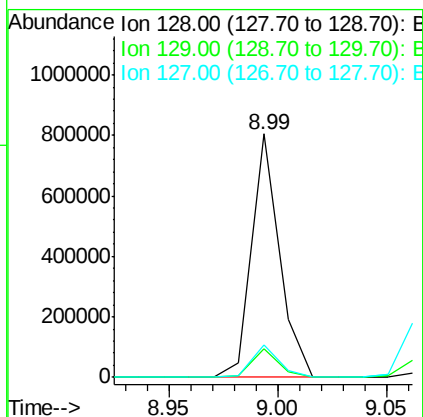
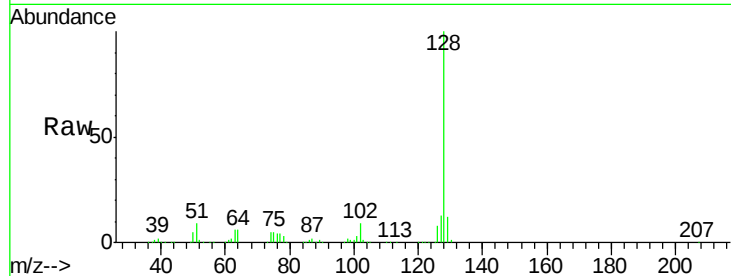
#31
Naphthalene
Concen: 41.28 ng
RT: 8.99 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF078803.D
Acq: 29 Apr 2015 5:01

Instrument :
BNA_F
ClientSampleId :
PB83016BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.3	13.9
127	13.2	10.7	16.1

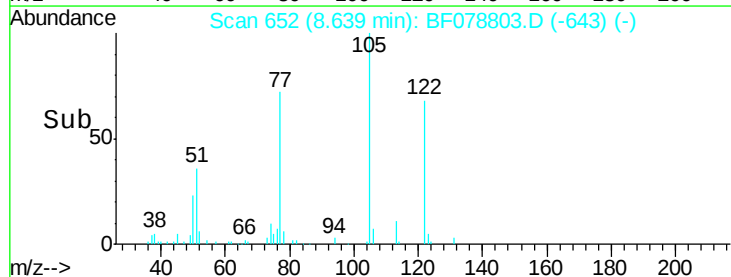
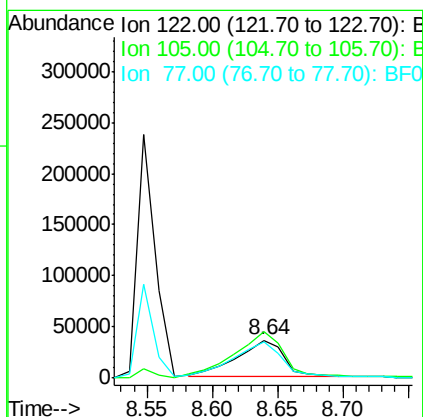
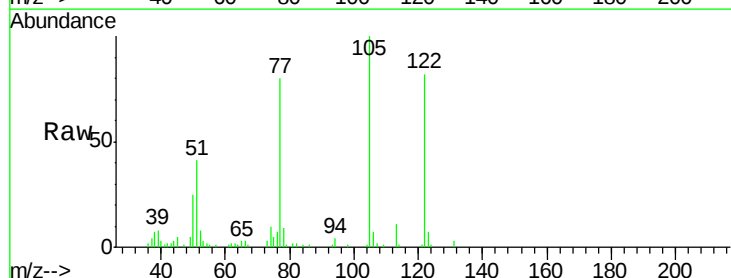
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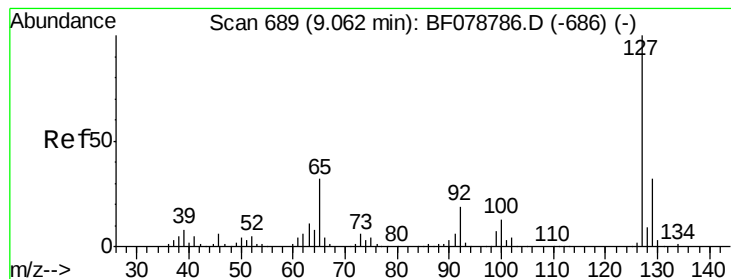
apatel
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#32
Benzoic acid
Concen: 57.04 ng
RT: 8.64 min Scan# 652
Delta R.T. 0.00 min
Lab File: BF078803.D
Acq: 29 Apr 2015 5:01

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.2	107.1	147.1
77	96.5	73.9	113.9





#33

4-Chloroaniline

Concen: 21.36 ng

RT: 9.06 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF078803.D

Acq: 29 Apr 2015 5:01

Instrument :

BNA_F

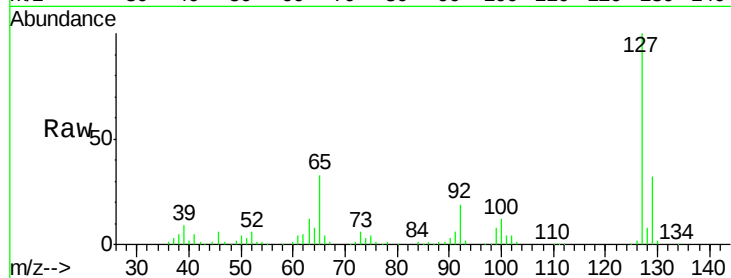
ClientSampleId :

PB83016BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.5	25.8	38.8		
65	33.1	25.8	38.6		
92	18.9	15.5	23.3		

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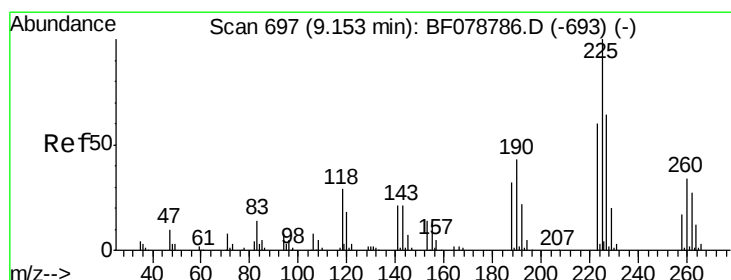
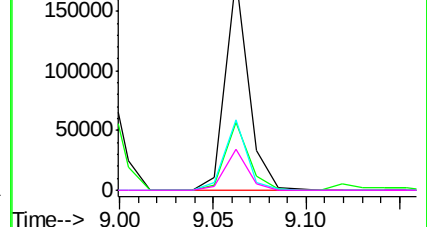
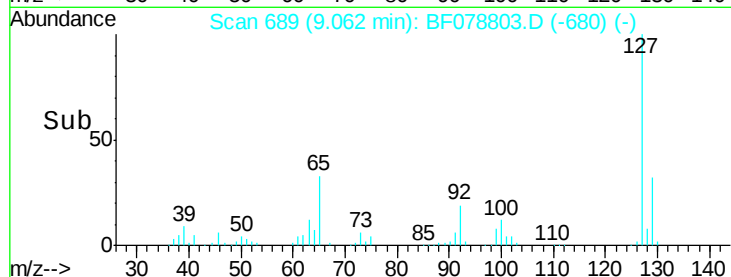


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 41.42 ng

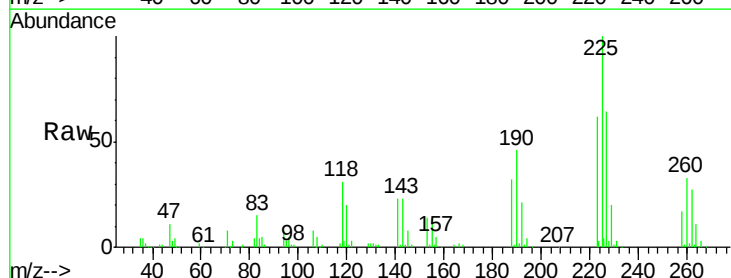
RT: 9.15 min Scan# 697

Delta R.T. -0.00 min

Lab File: BF078803.D

Acq: 29 Apr 2015 5:01

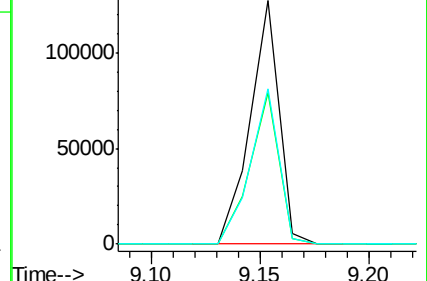
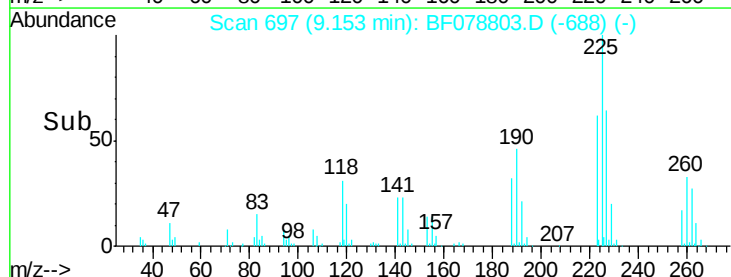
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.2	48.2	72.4		
227	64.0	51.4	77.0		

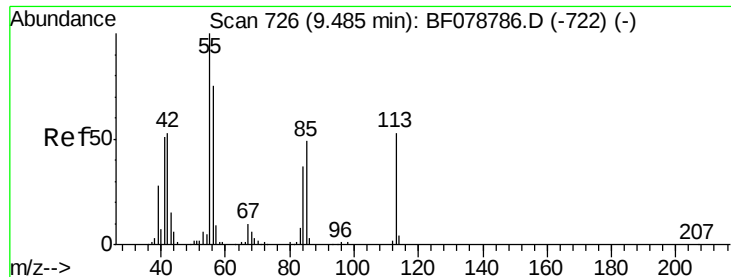


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





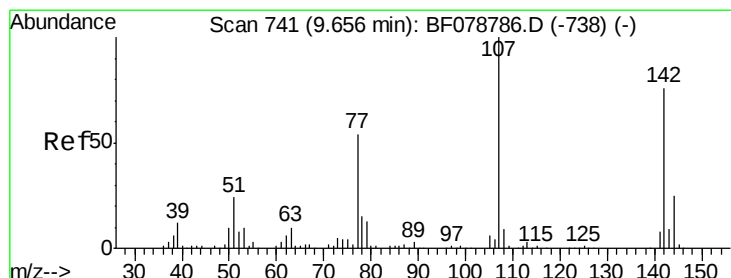
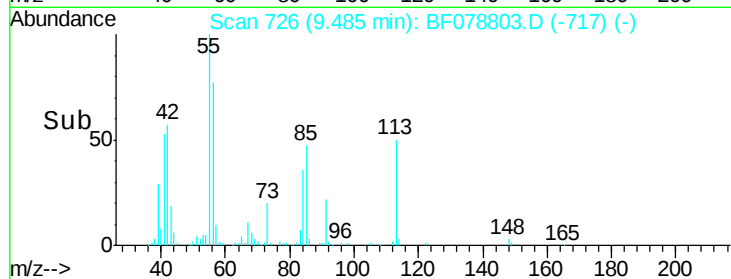
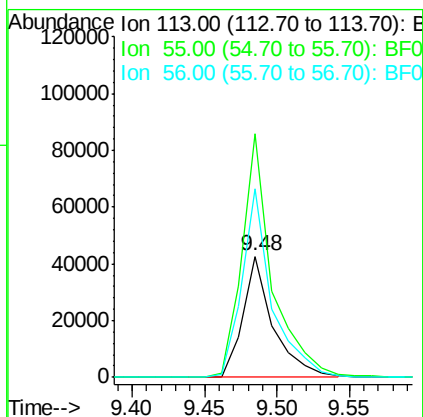
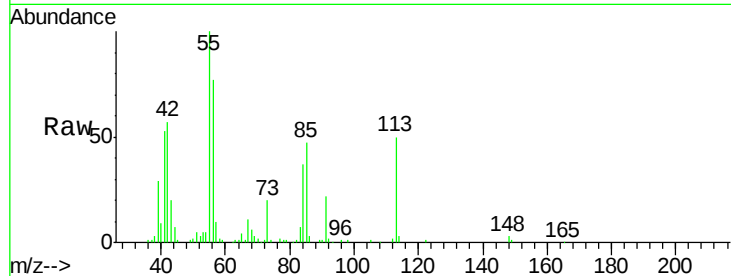
#35
 Caprolactam
 Concen: 44.63 ng
 RT: 9.48 min Scan# 726
 Delta R.T. 0.00 min
 Lab File: BF078803.D
 Acq: 29 Apr 2015 5:01

Instrument :
 BNA_F
 ClientSampleId :
 PB83016BSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100	61963		
55	201.2	169.7	209.7	
56	155.7	122.5	162.5	

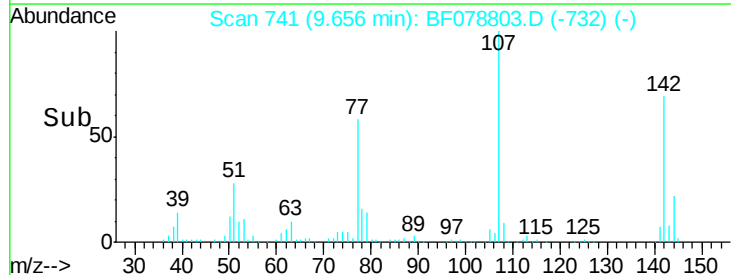
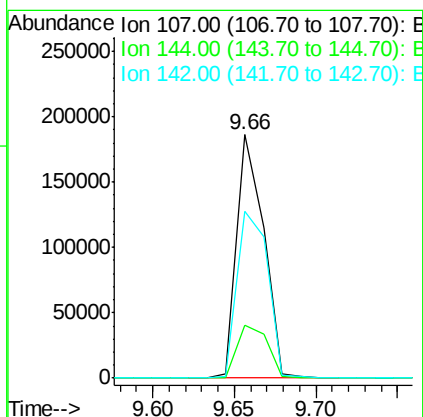
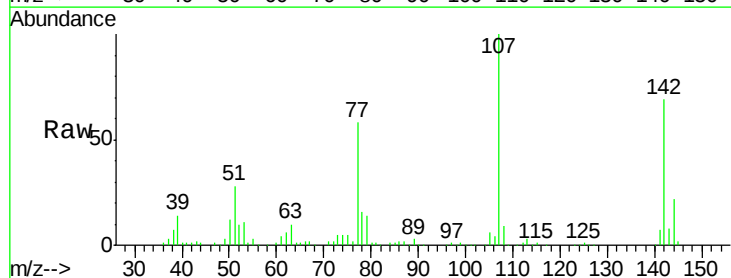
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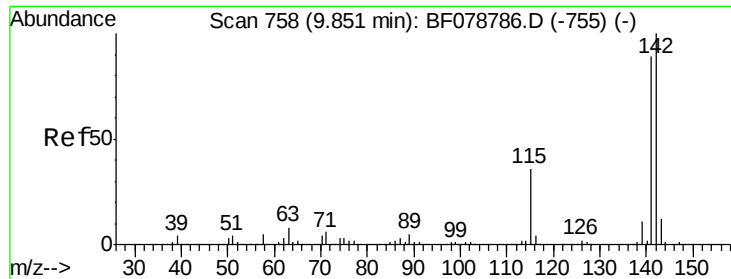
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#36
 4-Chloro-3-methylphenol
 Concen: 46.40 ng
 RT: 9.66 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF078803.D
 Acq: 29 Apr 2015 5:01

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	212454		
144	21.8	19.8	29.6	
142	68.5	60.6	91.0	





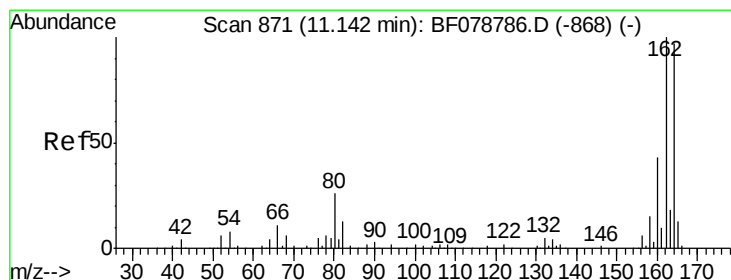
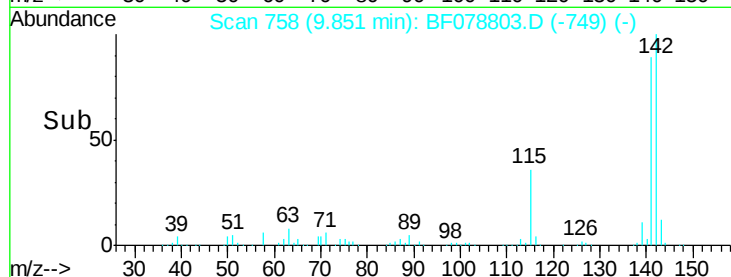
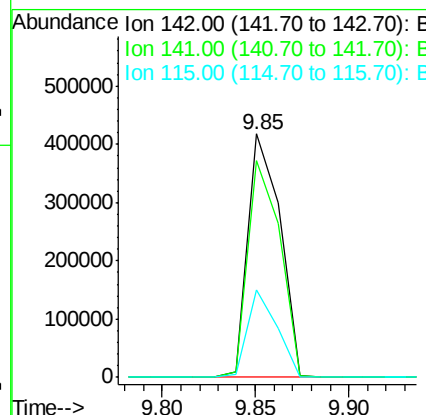
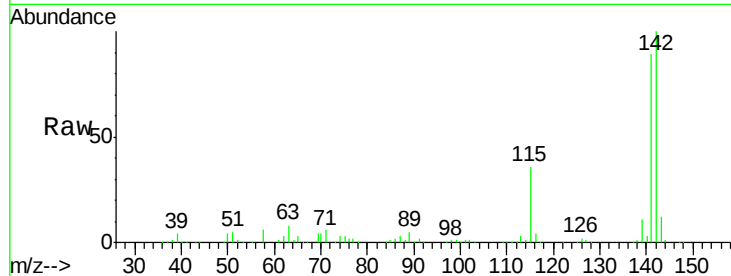
#37
2-Methylnaphthalene
Concen: 42.76 ng
RT: 9.85 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF078803.D
Acq: 29 Apr 2015 5:01

Instrument :
BNA_F
ClientSampleId :
PB83016BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.9	106.3
115	36.0	28.5	42.7

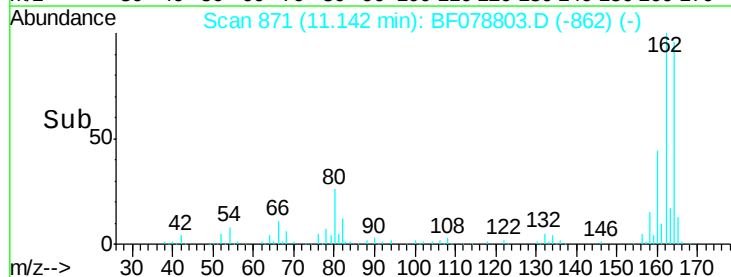
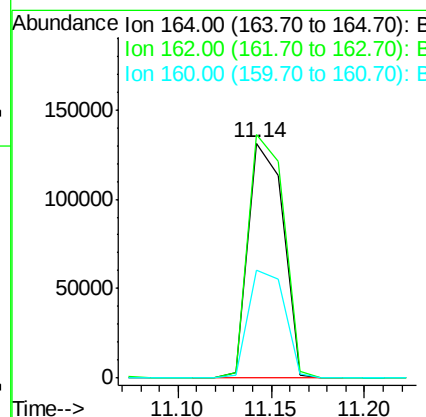
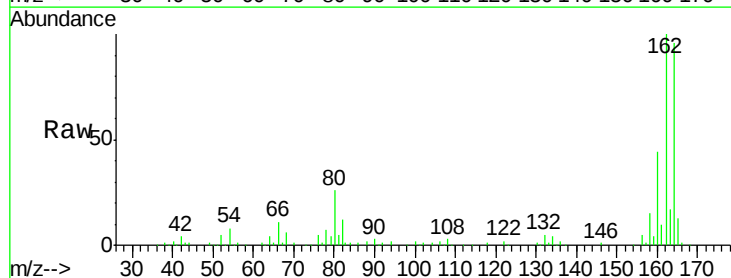
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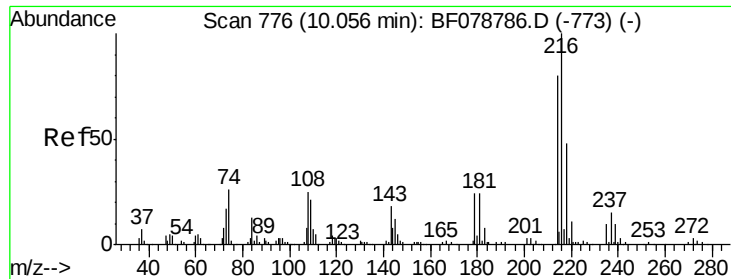
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF078803.D
Acq: 29 Apr 2015 5:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	82.7	124.1
160	45.7	35.8	53.8





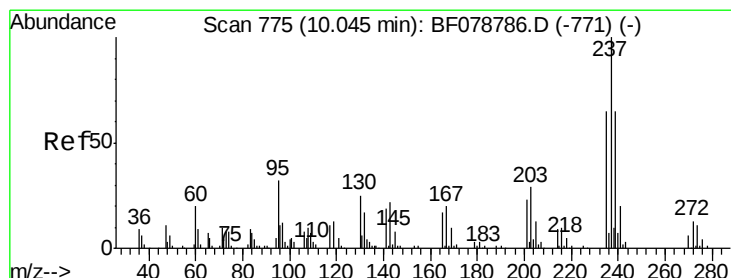
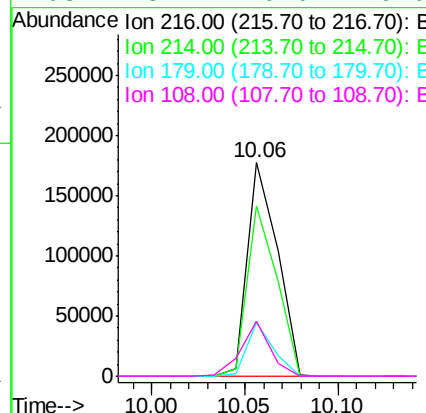
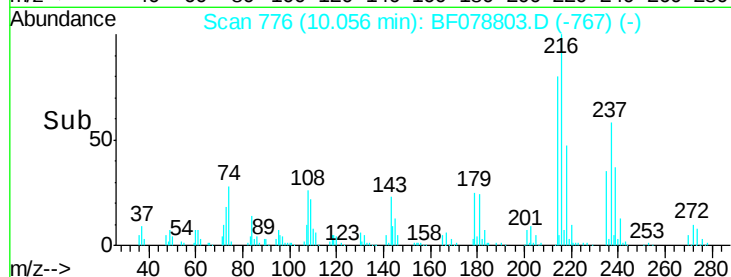
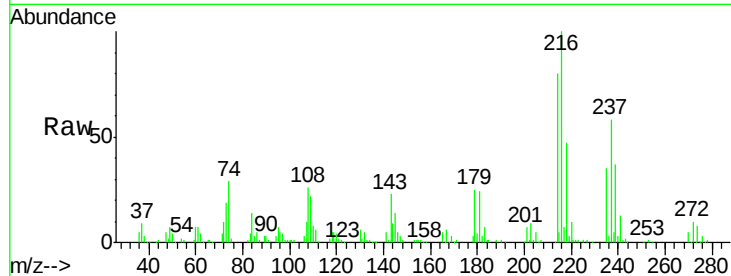
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.95 ng
 RT: 10.06 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: BF078803.D
 Acq: 29 Apr 2015 5:01

Instrument :
 BNA_F
 ClientSampleId :
 PB83016BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	78.5	0.0	0.0#		
179	22.2	0.0	0.0#		
108	25.1	0.0	0.0#		

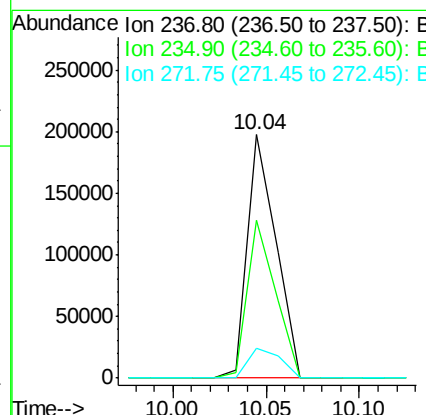
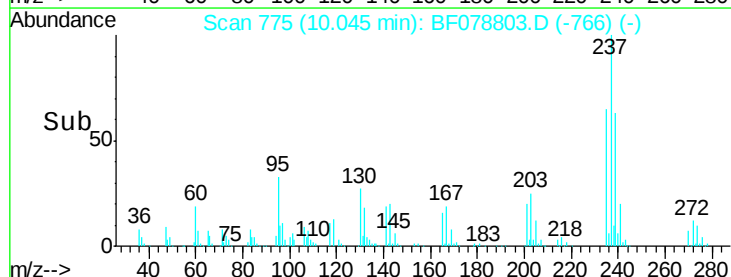
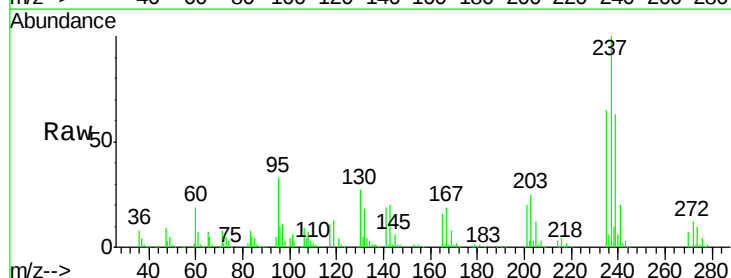
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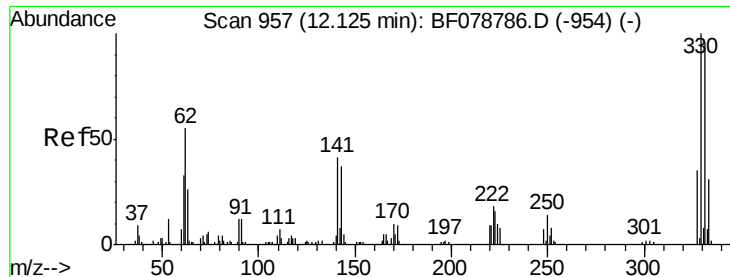
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#40
 Hexachlorocyclopentadiene
 Concen: 103.27 ng
 RT: 10.04 min Scan# 775
 Delta R.T. -0.00 min
 Lab File: BF078803.D
 Acq: 29 Apr 2015 5:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	64.9	44.7	84.7		
272	12.3	0.0	32.6		





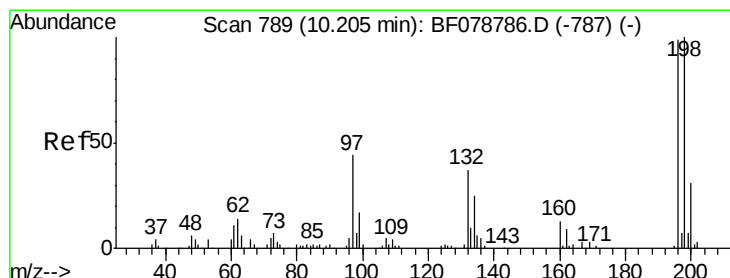
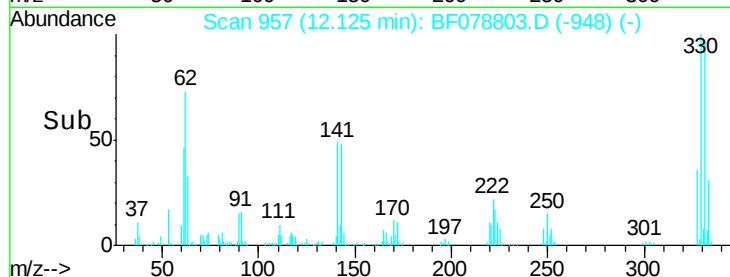
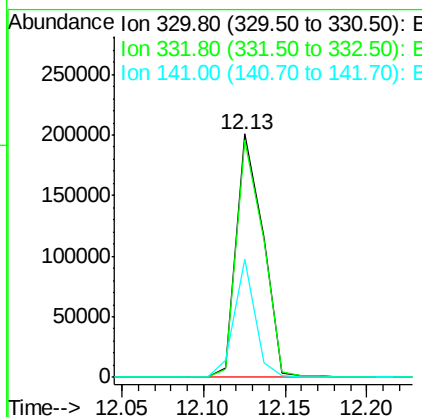
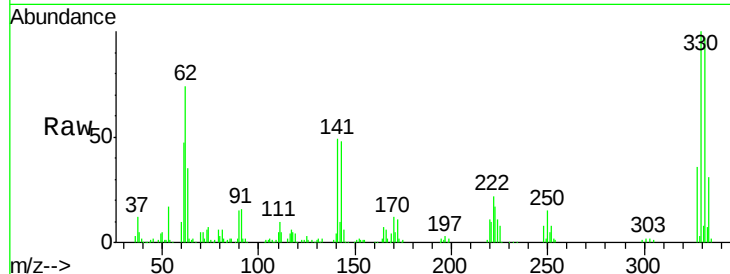
#41
 2,4,6-Tribromophenol
 Concen: 133.31 ng
 RT: 12.13 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: BF078803.D
 Acq: 29 Apr 2015 5:01

Instrument :
 BNA_F
 ClientSampleId :
 PB83016BSD

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	97.7	0.0	0.0#
141	38.0	0.0	0.0#

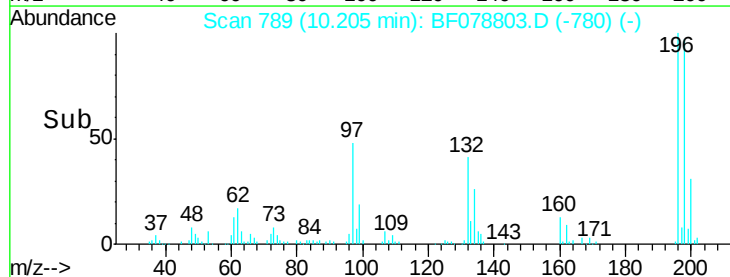
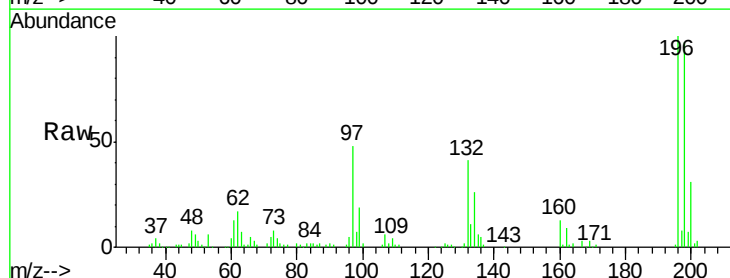
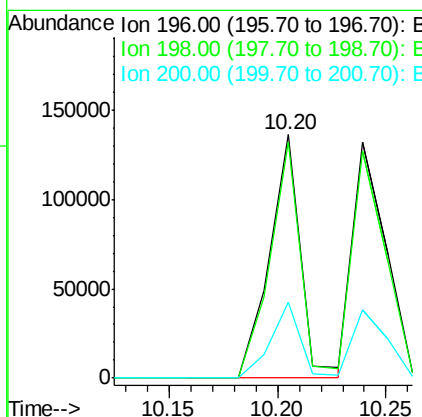
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#42
 2,4,6-Trichlorophenol
 Concen: 45.93 ng
 RT: 10.20 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF078803.D
 Acq: 29 Apr 2015 5:01

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	97.1	80.5	120.7
200	31.0	24.9	37.3





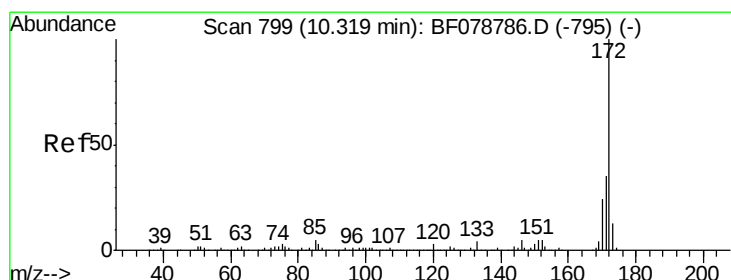
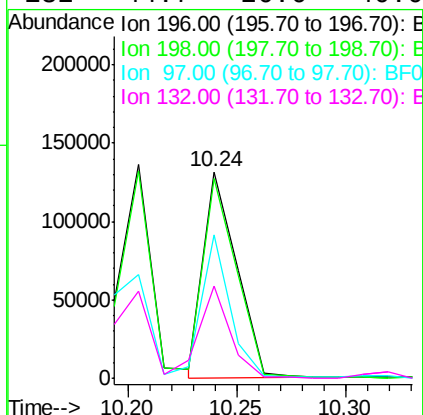
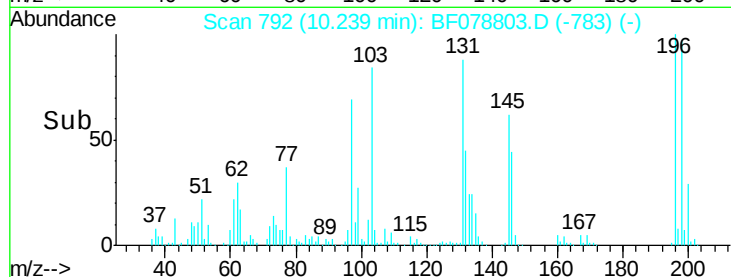
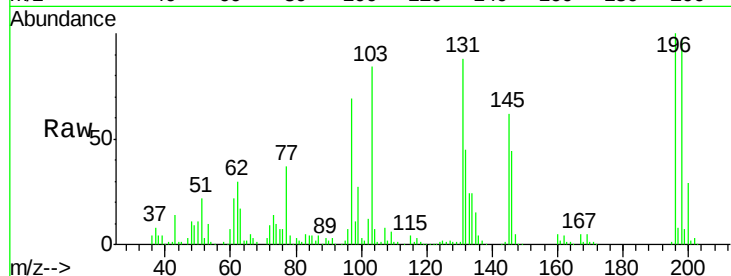
#43
2,4,5-Trichlorophenol
Concen: 44.35 ng
RT: 10.24 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF078803.D
Acq: 29 Apr 2015 5:01

Instrument :
BNA_F
ClientSampleId :
PB83016BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	139500		
198	96.7	79.8	119.6	
97	69.4	46.0	69.0	
132	44.7	26.6	40.0	

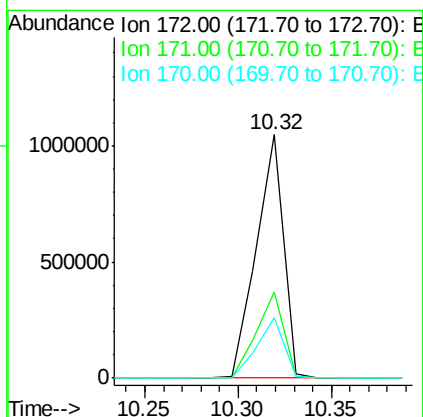
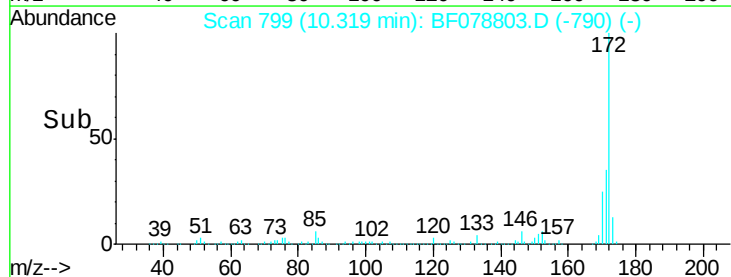
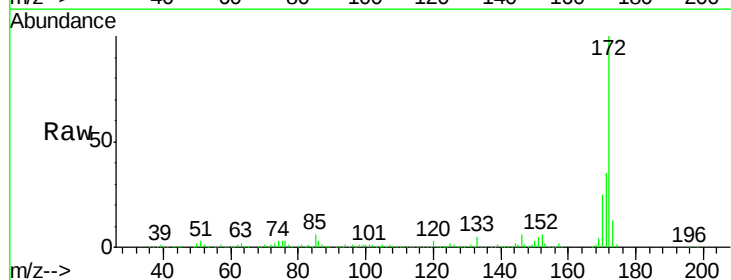
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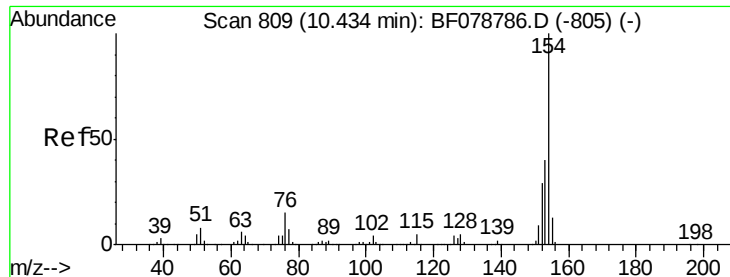
apatel
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#44
2-Fluorobiphenyl
Concen: 84.00 ng
RT: 10.32 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF078803.D
Acq: 29 Apr 2015 5:01

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1050014		
171	35.4	27.9	41.9	
170	24.8	19.4	29.0	





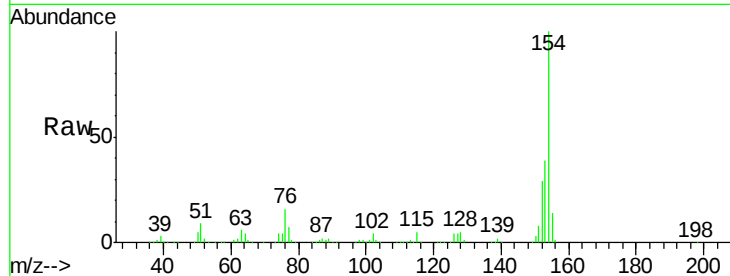
#45
 1,1'-Biphenyl
 Concen: 43.25 ng
 RT: 10.43 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: BF078803.D
 Acq: 29 Apr 2015 5:01

Instrument :
 BNA_F
 ClientSampleId :
 PB83016BSD

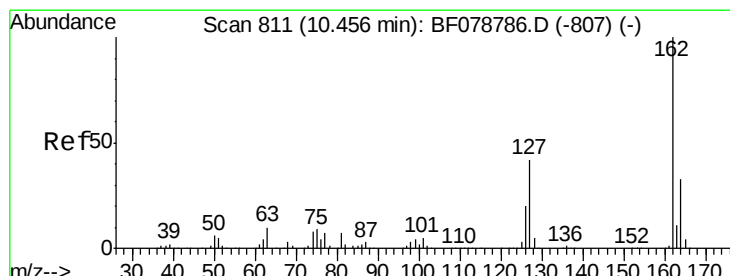
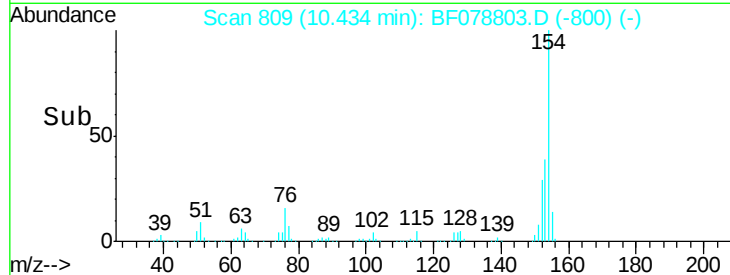
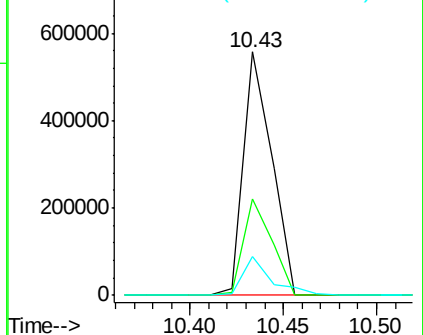
Tot Ion	Ratio	Resp	Lower	Upper
154	100	594184		
153	39.4	19.9	59.9	
76	15.7	0.0	35.0	

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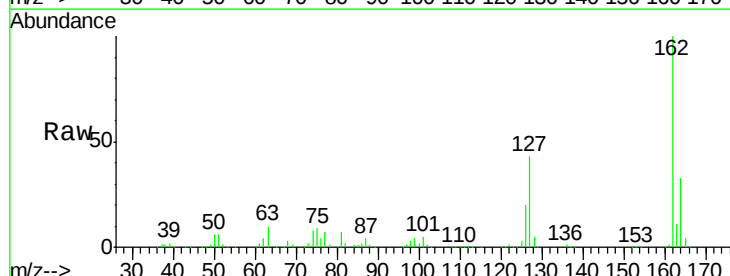


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

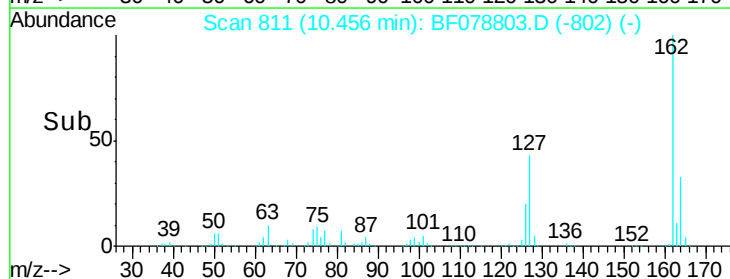
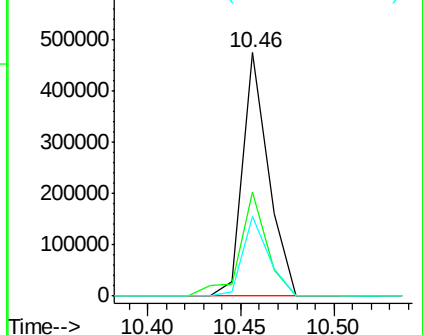


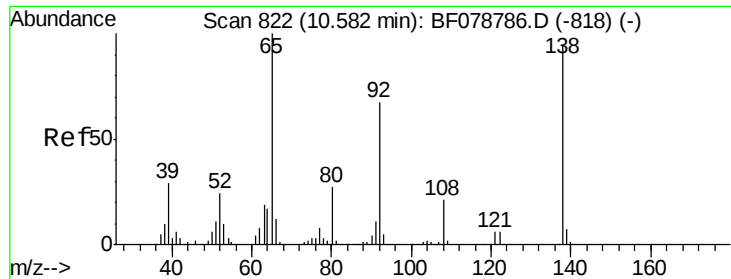
#46
 2-Chloronaphthalene
 Concen: 42.46 ng
 RT: 10.46 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF078803.D
 Acq: 29 Apr 2015 5:01

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	455903		
127	42.6	33.9	50.9	
164	33.0	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





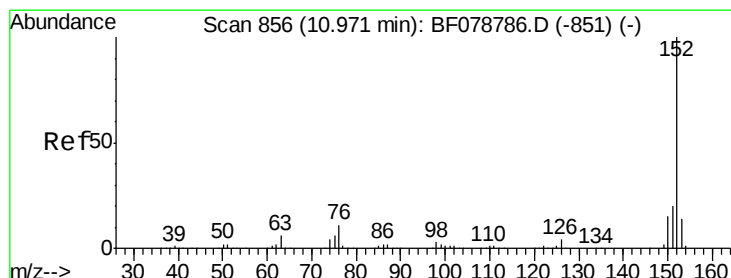
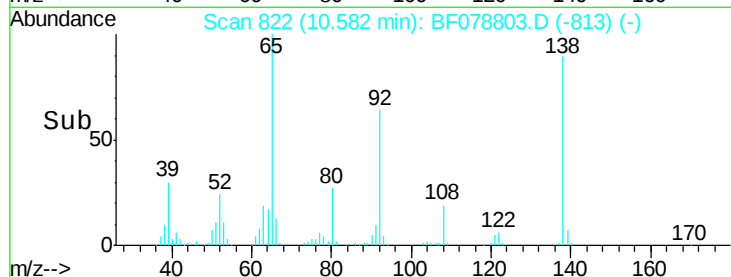
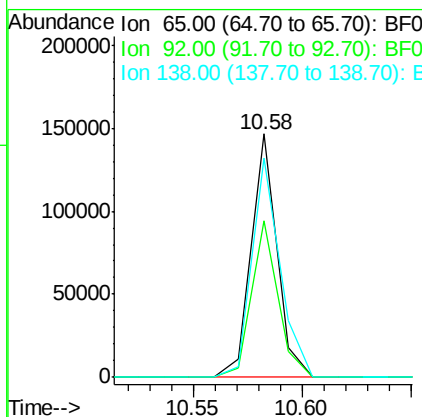
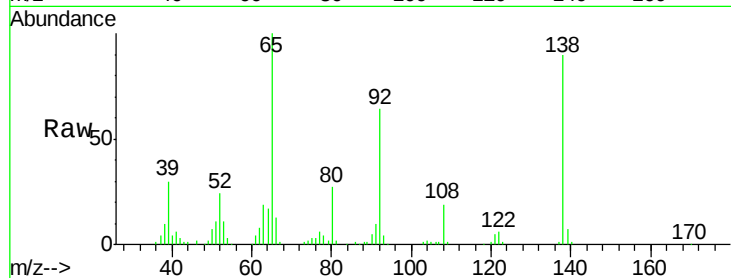
#47
2-Nitroaniline
Concen: 51.37 ng
RT: 10.58 min Scan# 822
Delta R.T. 0.00 min
Lab File: BF078803.D
Acq: 29 Apr 2015 5:01

Instrument :
BNA_F
ClientSampleId :
PB83016BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.2	54.0	81.0
138	89.8	75.0	112.6

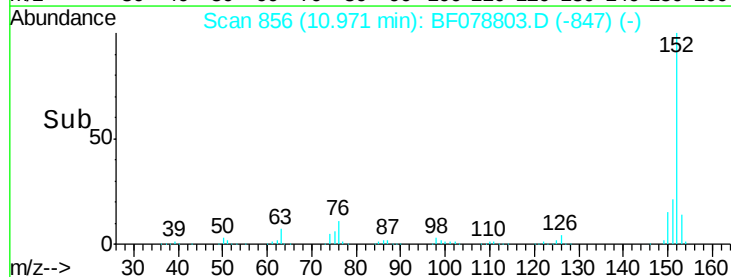
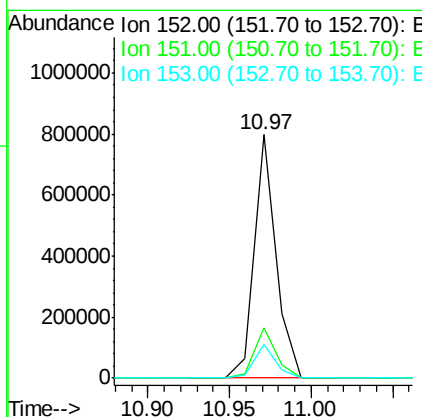
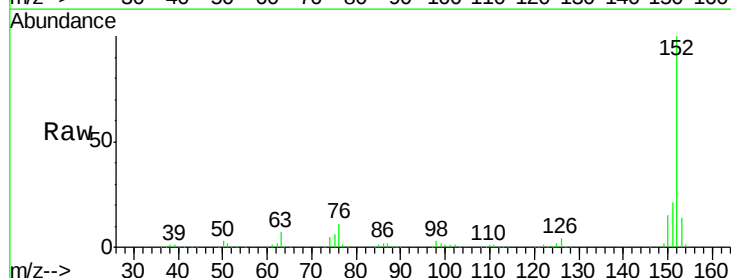
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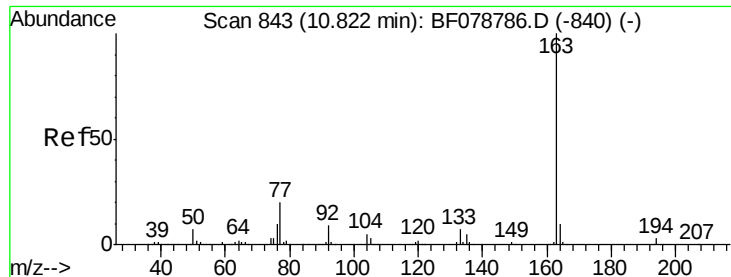
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#48
Acenaphthylene
Concen: 42.12 ng
RT: 10.97 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF078803.D
Acq: 29 Apr 2015 5:01

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.4
153	13.6	10.9	16.3





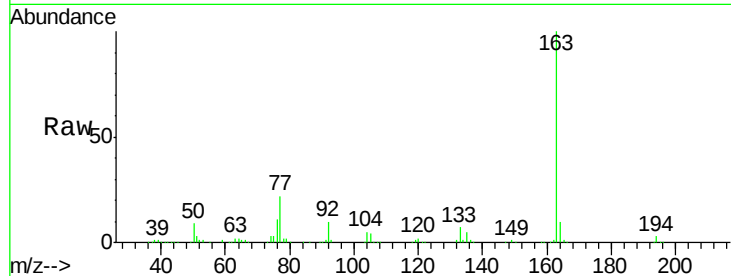
#49
Dimethylphthalate
Concen: 43.72 ng
RT: 10.82 min Scan# 843
Delta R.T. -0.00 min
Lab File: BF078803.D
Acq: 29 Apr 2015 5:01

Instrument :
BNA_F
ClientSampleId :
PB83016BSD

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.1	2.6	4.0
164	10.2	8.1	12.1

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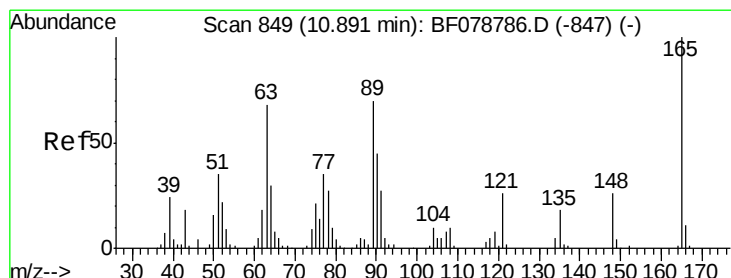
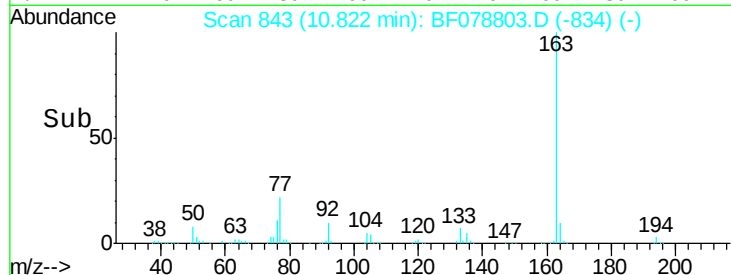
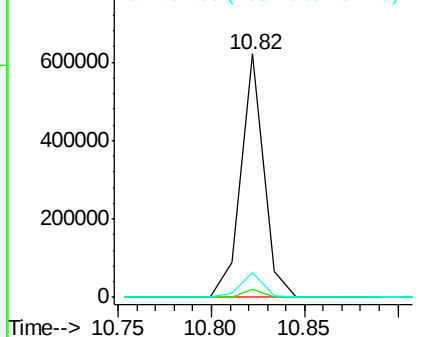


Abundance

Ion 163.00 (162.70 to 163.70): E

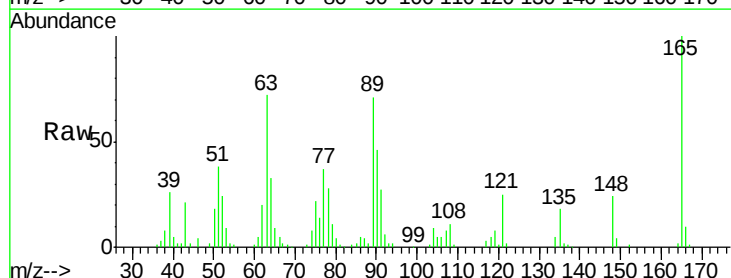
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 49.27 ng
RT: 10.89 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF078803.D
Acq: 29 Apr 2015 5:01

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	71.9	54.4	81.6
89	70.7	55.7	83.5

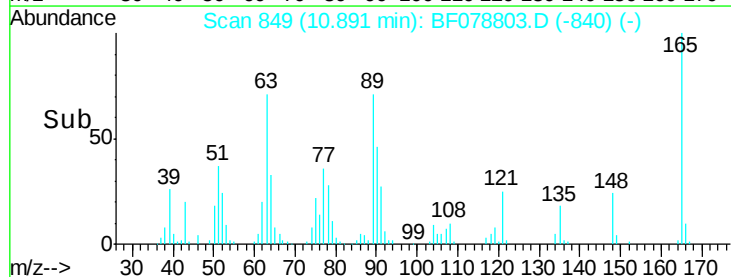
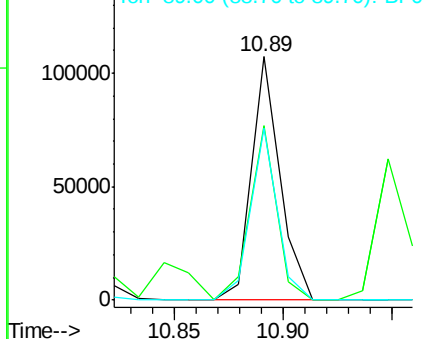


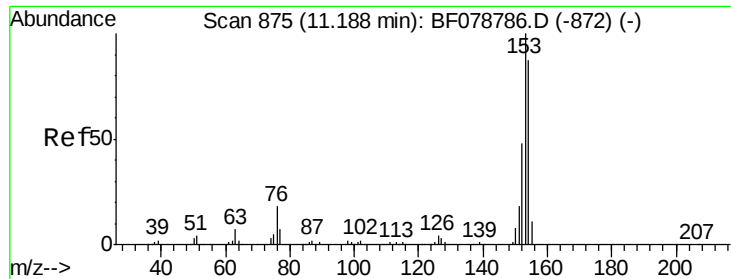
Abundance

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: 45.47 ng

RT: 11.19 min Scan# 875

Delta R.T. -0.00 min

Lab File: BF078803.D

Acq: 29 Apr 2015 5:01

Instrument :

BNA_F

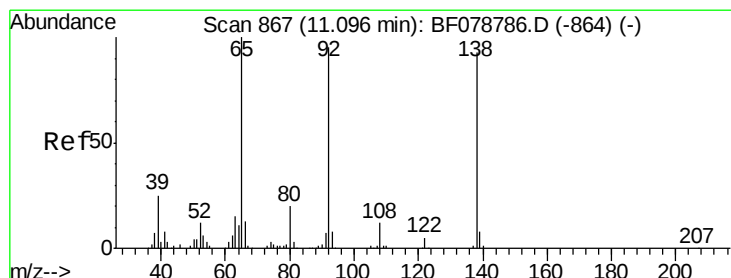
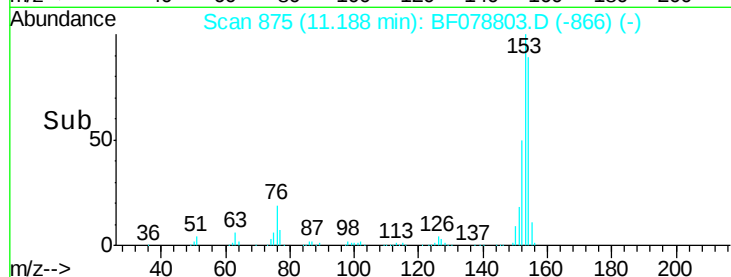
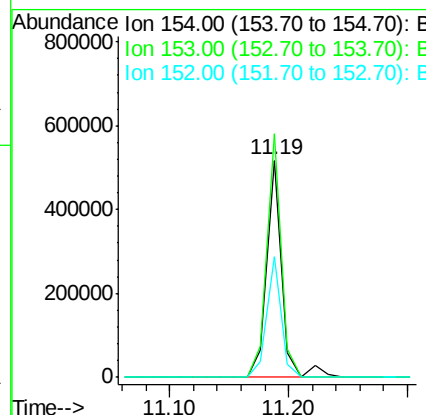
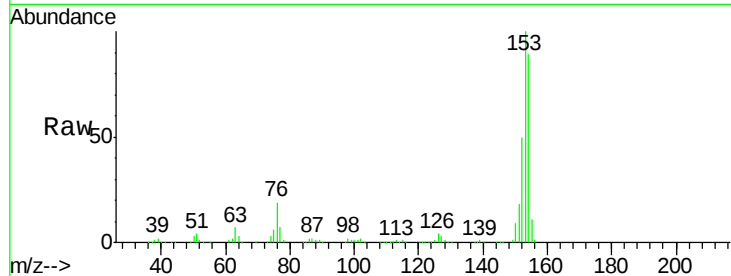
ClientSampleId :

PB83016BSD

Tot Ion:	154	Resp:	469112
Ion Ratio	Lower	Upper	
154	100		
153	112.3	91.5	137.3
152	55.9	44.2	66.4

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#52

3-Nitroaniline

Concen: 30.47 ng

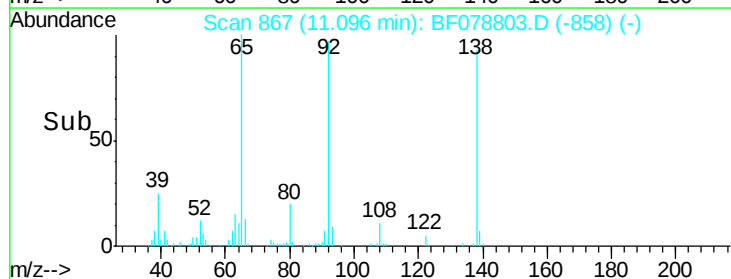
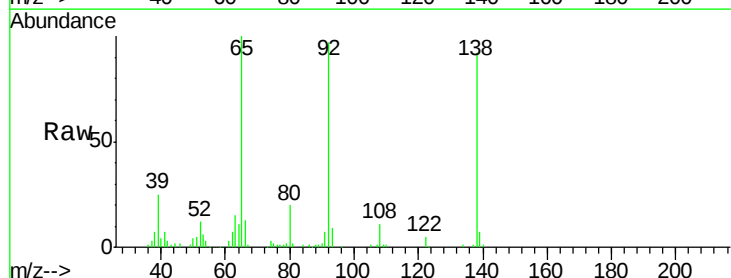
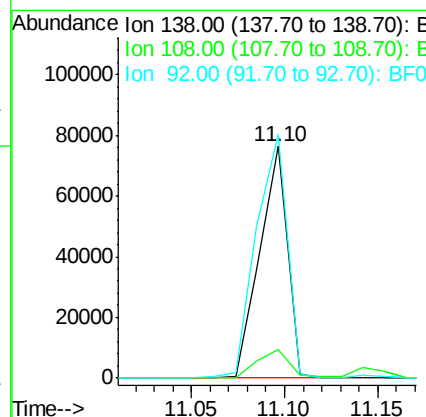
RT: 11.10 min Scan# 867

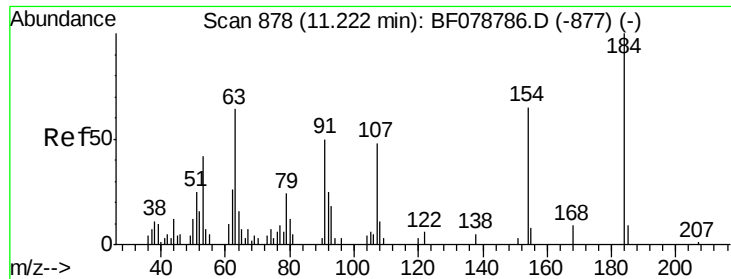
Delta R.T. 0.00 min

Lab File: BF078803.D

Acq: 29 Apr 2015 5:01

Tgt Ion:	138	Resp:	78369
Ion Ratio	Lower	Upper	
138	100		
108	12.3	10.6	16.0
92	105.0	81.8	122.6





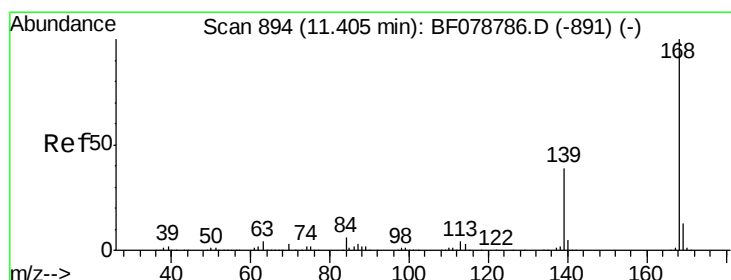
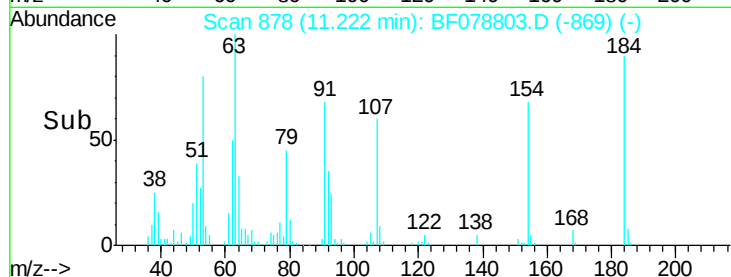
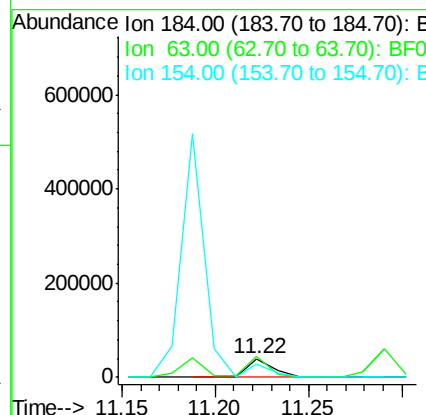
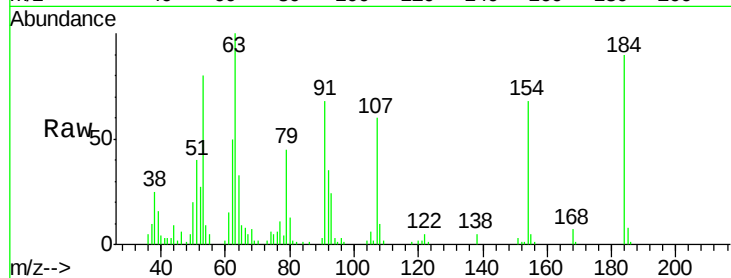
#53
 2,4-Dinitrophenol
 Concen: 122.03 ng
 RT: 11.22 min Scan# 878
 Delta R.T. 0.00 min
 Lab File: BF078803.D
 Acq: 29 Apr 2015 5:01

Instrument :
 BNA_F
 ClientSampleId :
 PB83016BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	110.9	63.3	94.9	
154	75.4	53.8	80.6	

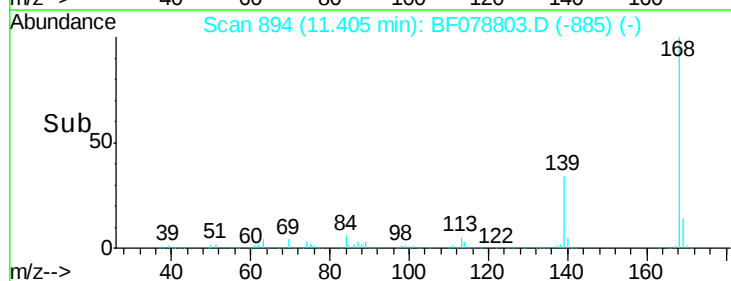
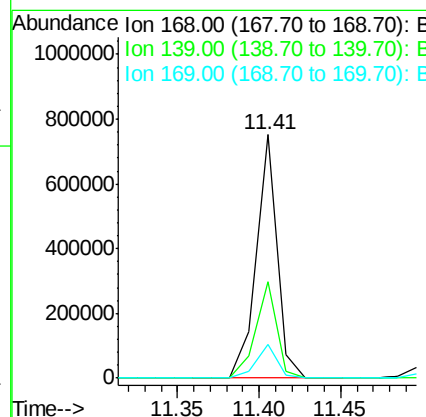
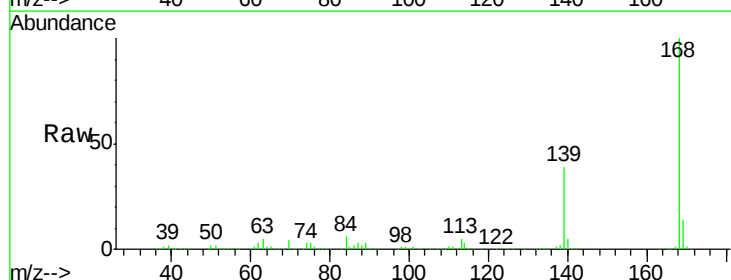
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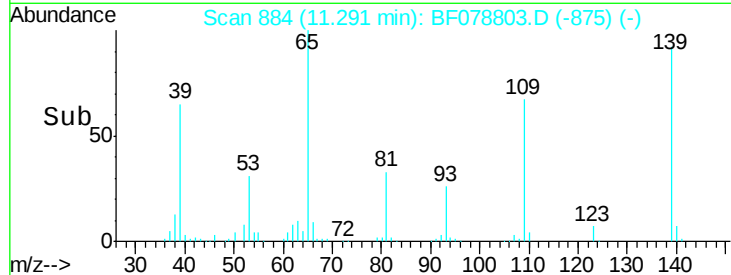
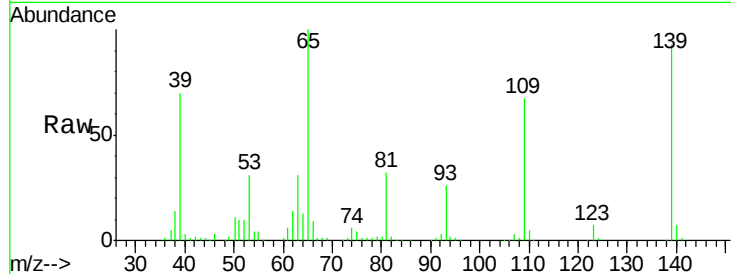
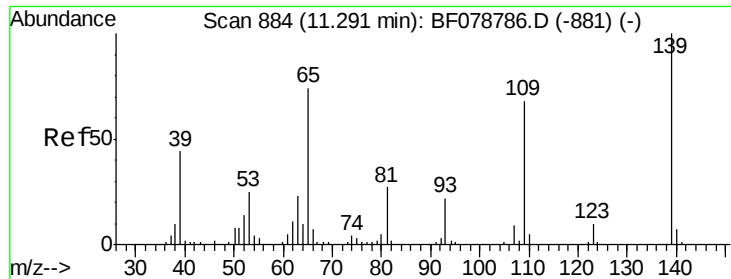
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#54
 Dibenzofuran
 Concen: 43.98 ng
 RT: 11.41 min Scan# 894
 Delta R.T. -0.00 min
 Lab File: BF078803.D
 Acq: 29 Apr 2015 5:01

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.4	31.0	46.4	
169	13.9	10.6	16.0	





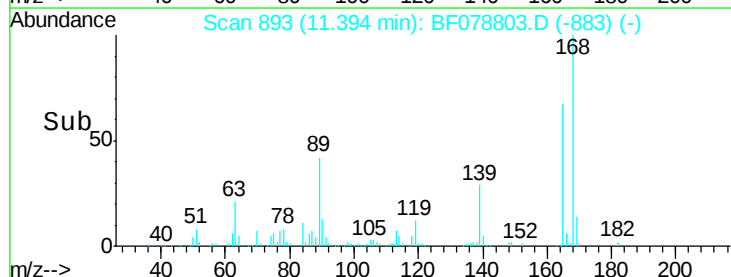
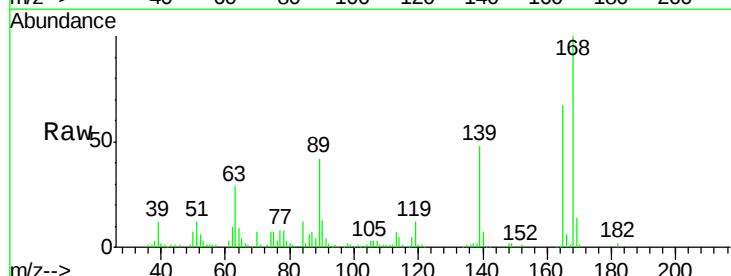
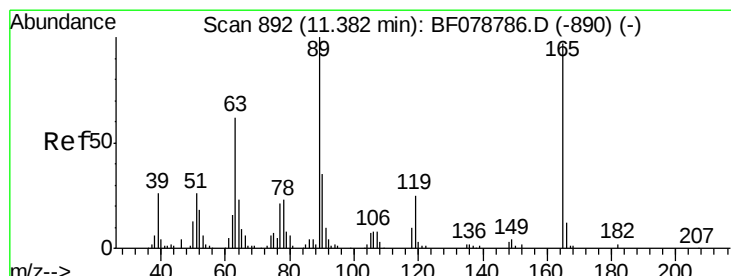
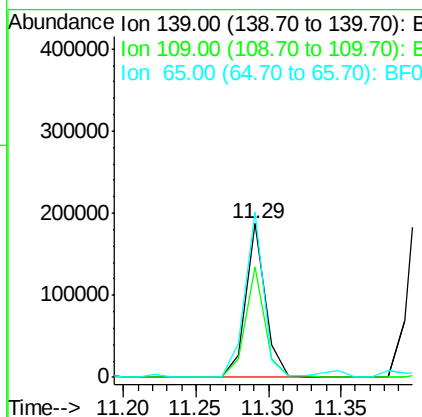
#55
4-Nitrophenol
Concen: 85.63 ng
RT: 11.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF078803.D
Acq: 29 Apr 2015 5:01

Tot Ion	Ratio	Resp	Lower	Upper
139	100	177789		
109	72.2	47.6	87.6	
65	107.9	54.3	94.3	

Instrument :
BNA_F
ClientSampleId :
PB83016BSD

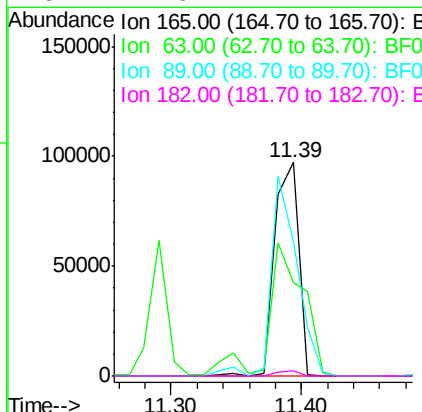
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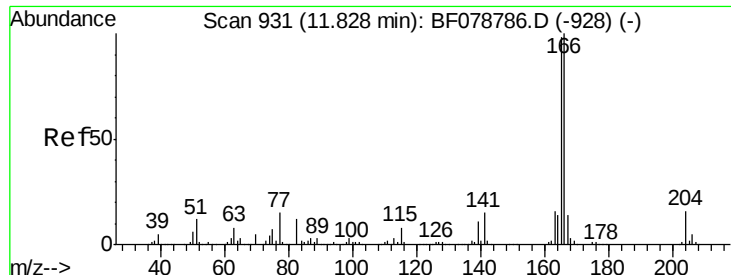
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#56
2,4-Dinitrotoluene
Concen: 51.57 ng
RT: 11.39 min Scan# 893
Delta R.T. 0.01 min
Lab File: BF078803.D
Acq: 29 Apr 2015 5:01

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	125922		
63	43.9	51.2	76.8	
89	63.1	82.7	124.1	
182	2.6	1.4	2.2	





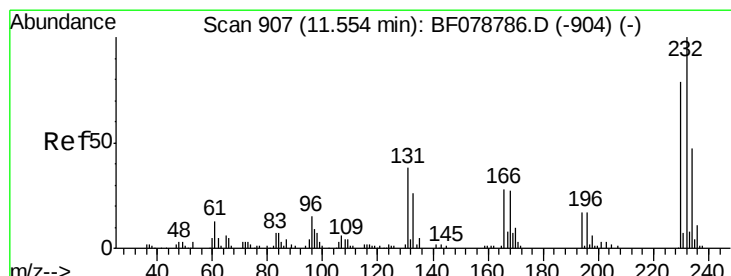
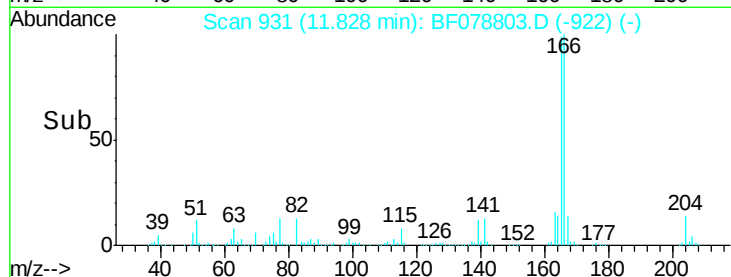
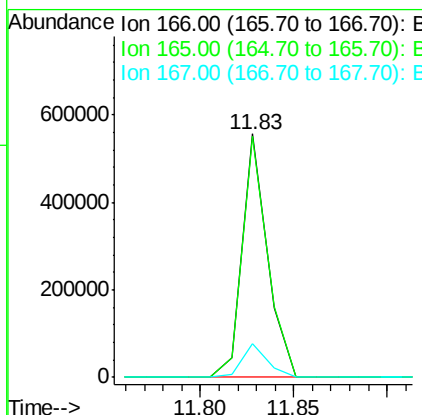
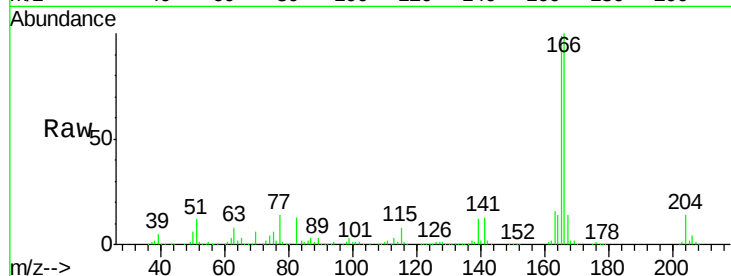
#57
 Fluorene
 Concen: 43.17 ng
 RT: 11.83 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BF078803.D
 Acq: 29 Apr 2015 5:01

Instrument :
 BNA_F
 ClientSampleId :
 PB83016BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	522291		
165	99.2	78.5	117.7	
167	14.0	11.0	16.6	

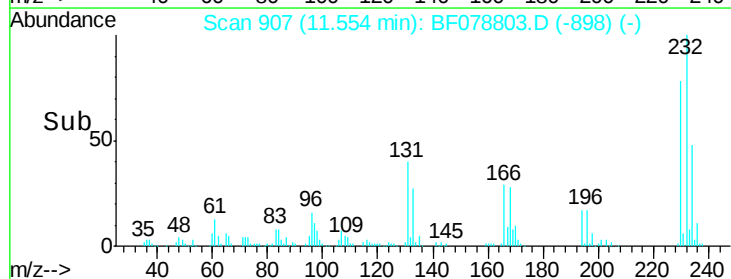
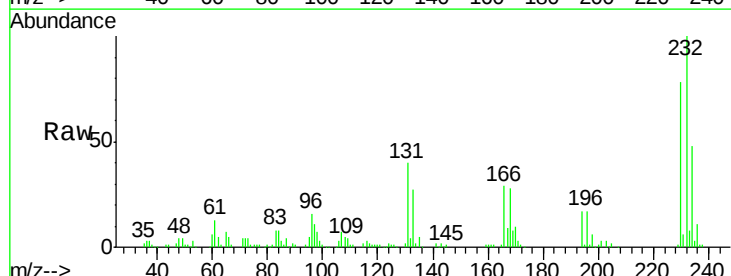
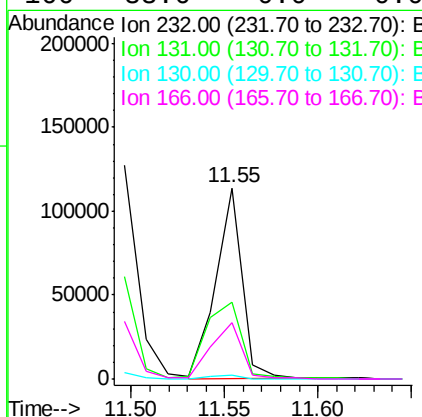
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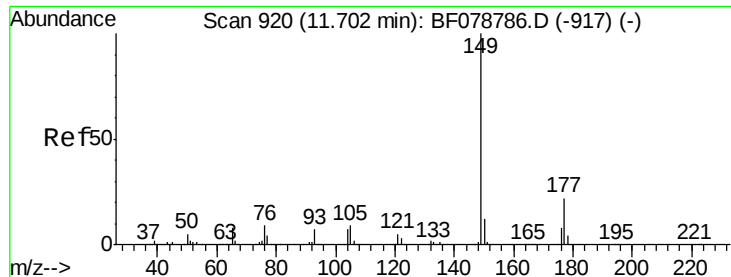
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.67 ng
 RT: 11.55 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BF078803.D
 Acq: 29 Apr 2015 5:01

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	112297		
131	53.5	0.0	0.0#	
130	2.5	0.0	0.0#	
166	33.6	0.0	0.0#	





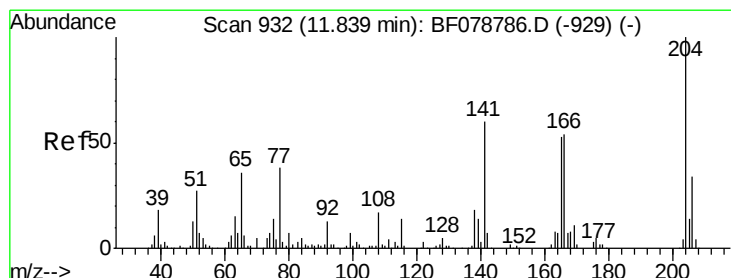
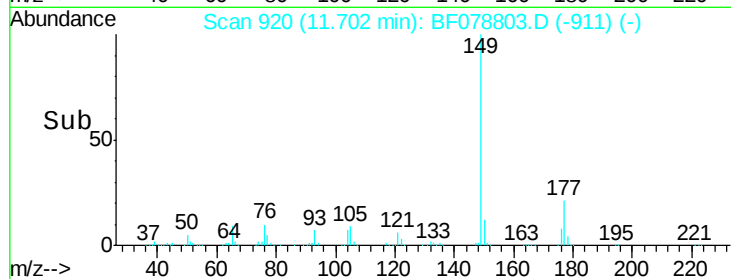
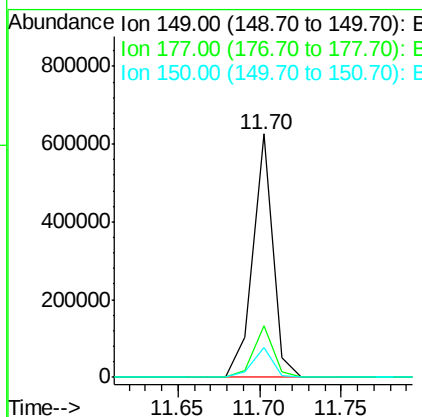
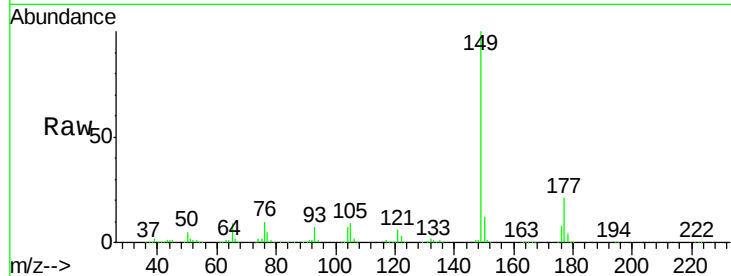
#59
Diethylphthalate
Concen: 44.29 ng
RT: 11.70 min Scan# 920
Delta R.T. -0.00 min
Lab File: BF078803.D
Acq: 29 Apr 2015 5:01

Instrument :
BNA_F
ClientSampleId :
PB83016BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	536374		
177	21.2		17.5	26.3
150	12.4		9.6	14.4

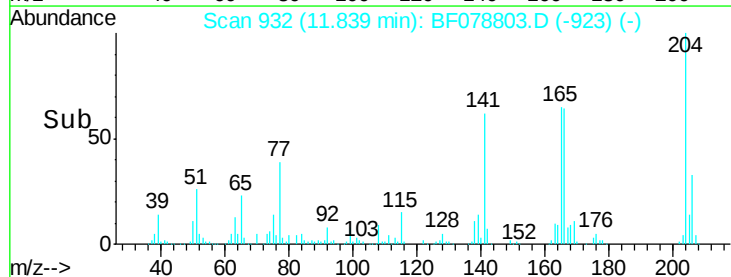
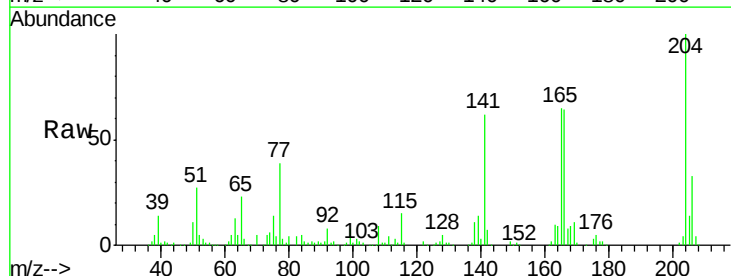
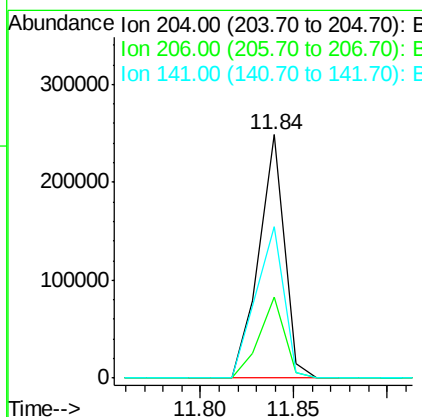
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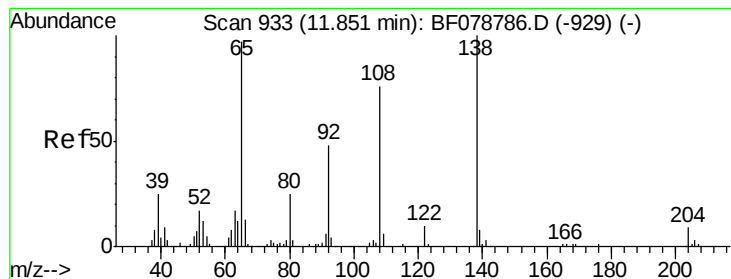
apatel
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#60
4-Chlorophenyl-phenylether
Concen: 43.56 ng
RT: 11.84 min Scan# 932
Delta R.T. -0.00 min
Lab File: BF078803.D
Acq: 29 Apr 2015 5:01

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	234514		
206	33.4		26.9	40.3
141	62.4		48.3	72.5





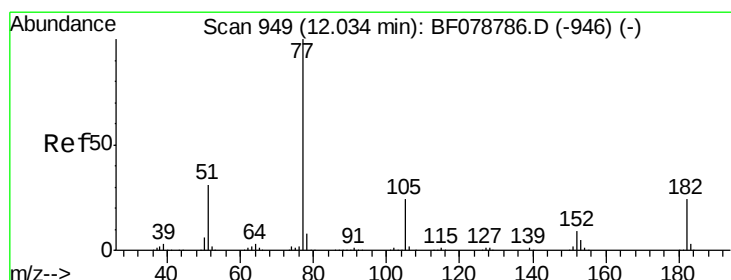
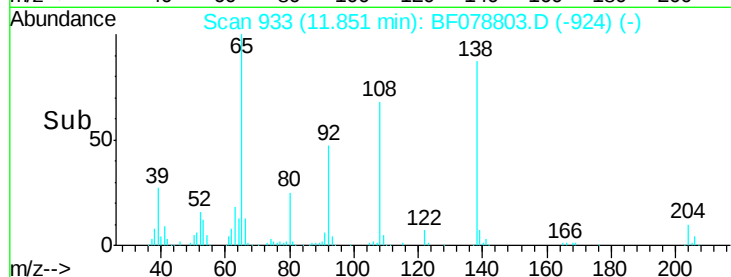
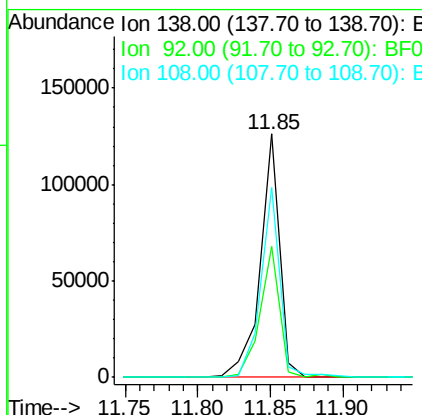
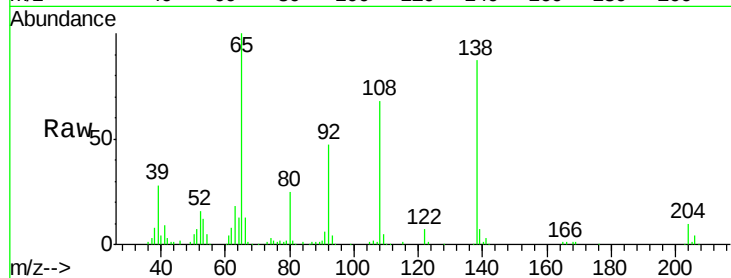
#61
4-Nitroaniline
Concen: 44.50 ng
RT: 11.85 min Scan# 933
Delta R.T. 0.00 min
Lab File: BF078803.D
Acq: 29 Apr 2015 5:01

Instrument :
BNA_F
ClientSampleId :
PB83016BSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	53.6	28.0	68.0	
108	78.1	56.3	96.3	

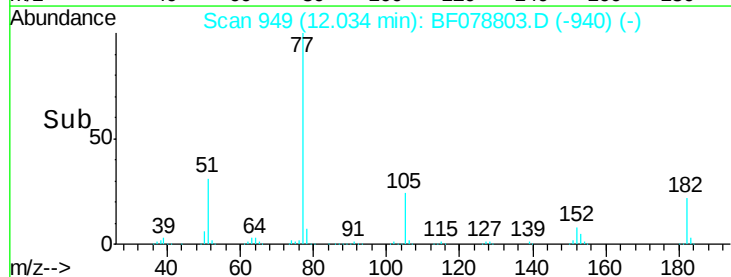
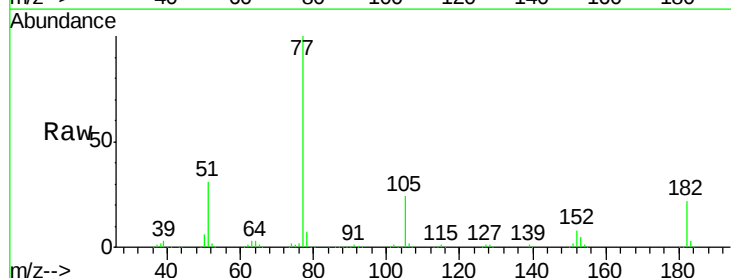
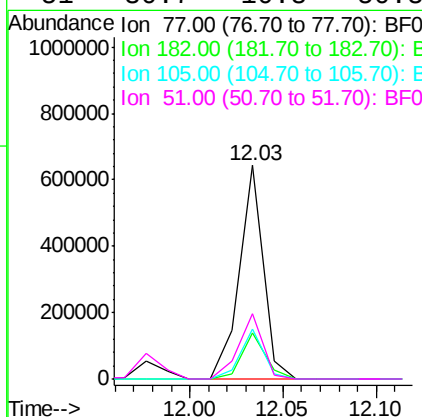
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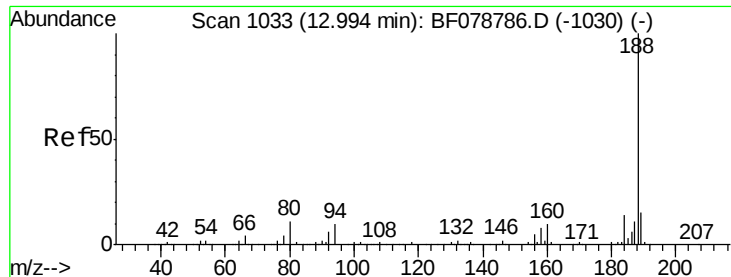
apatel
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#62
Azobenzene
Concen: 46.88 ng
RT: 12.03 min Scan# 949
Delta R.T. -0.00 min
Lab File: BF078803.D
Acq: 29 Apr 2015 5:01

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	21.5	3.8	43.8	
105	23.6	3.9	43.9	
51	30.7	10.8	50.8	





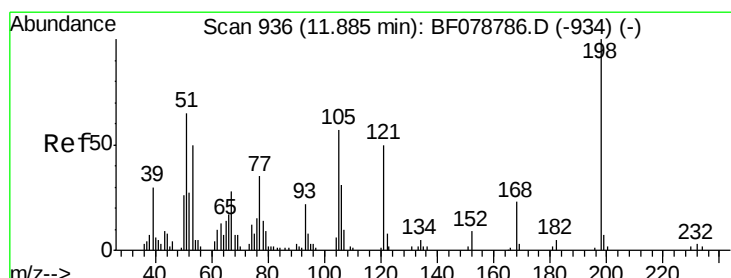
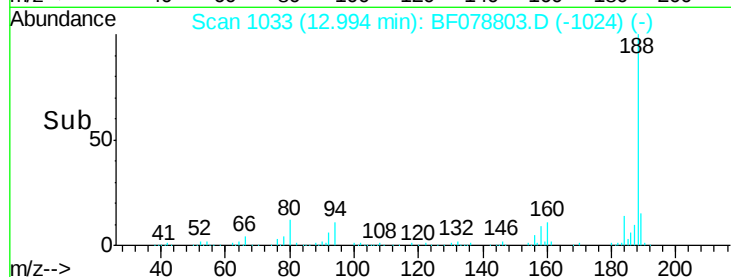
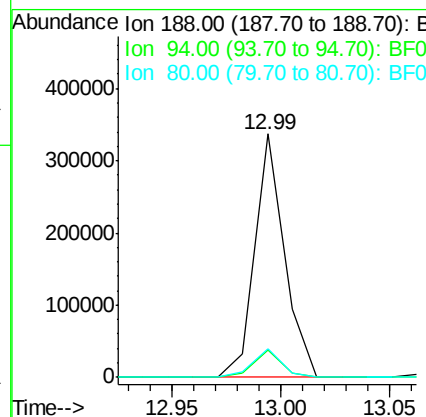
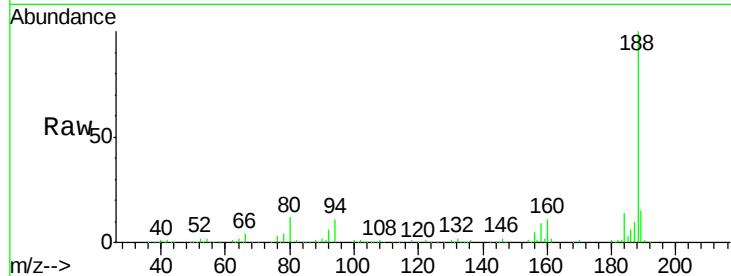
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.99 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF078803.D
Acq: 29 Apr 2015 5:01

Instrument :
BNA_F
ClientSampleId :
PB83016BSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	11.3	8.2	12.2
80	12.0	8.9	13.3

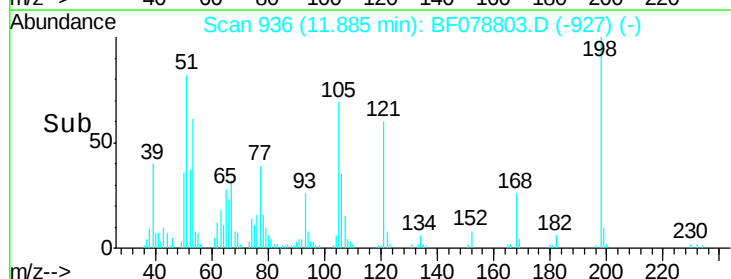
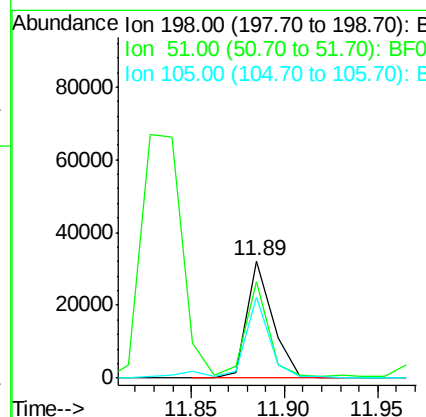
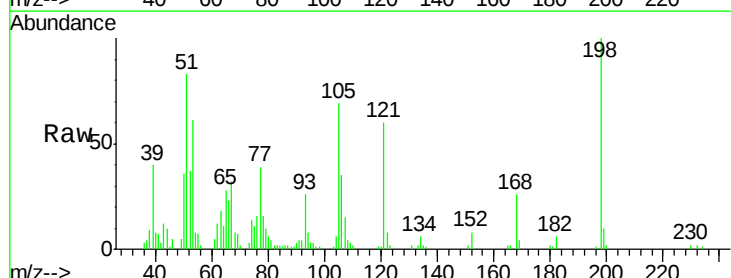
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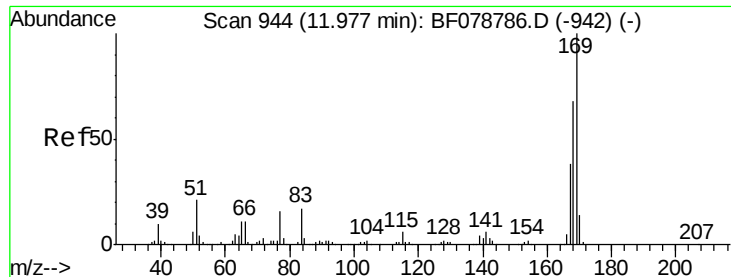
apatel
4/29/2015 3:53:48 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 55.64 ng
RT: 11.89 min Scan# 936
Delta R.T. 0.00 min
Lab File: BF078803.D
Acq: 29 Apr 2015 5:01

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	82.8	47.3	87.3
105	69.4	38.8	78.8





#65

n-Nitrosodiphenylamine

Concen: 43.46 ng

RT: 11.98 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF078803.D

Acq: 29 Apr 2015 5:01

Instrument :

BNA_F

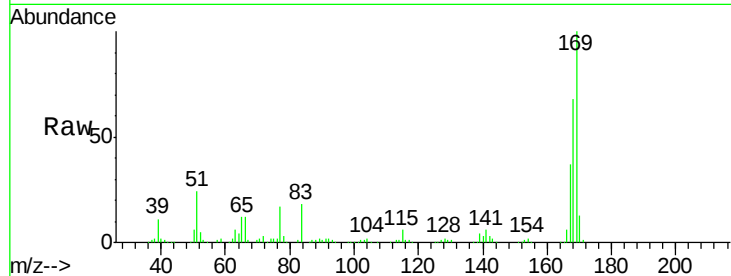
ClientSampleId :

PB83016BSD

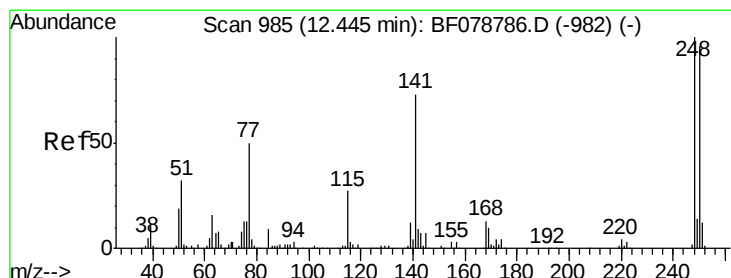
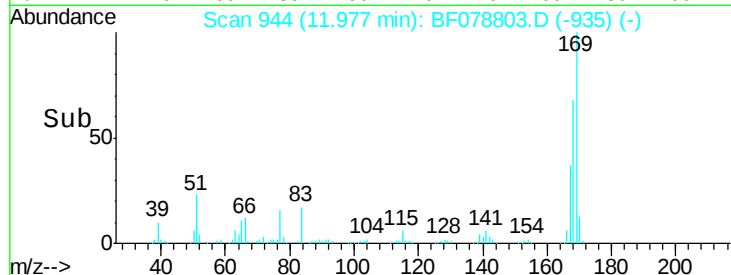
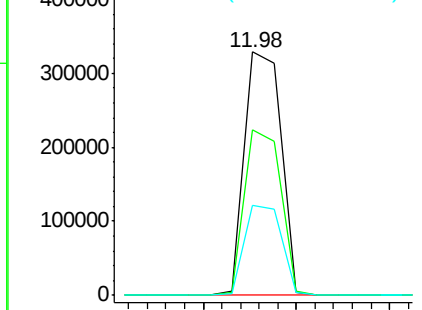
Tot Ion:	169	Resp:	448432
Ion Ratio	Lower	Upper	
169	100		
168	67.9	54.6	82.0
167	37.1	30.6	45.8

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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: 45.04 ng

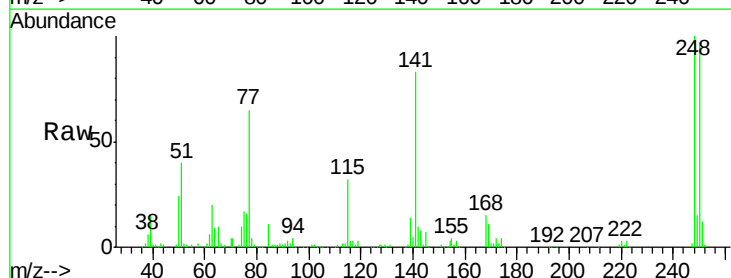
RT: 12.45 min Scan# 985

Delta R.T. 0.00 min

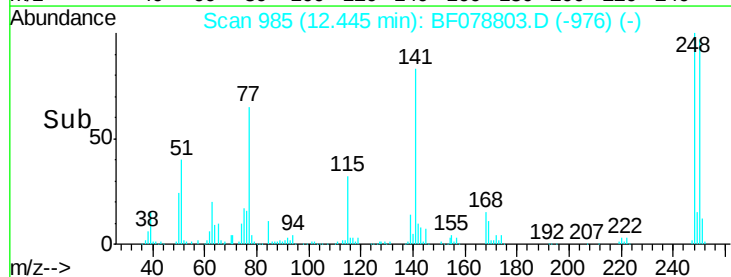
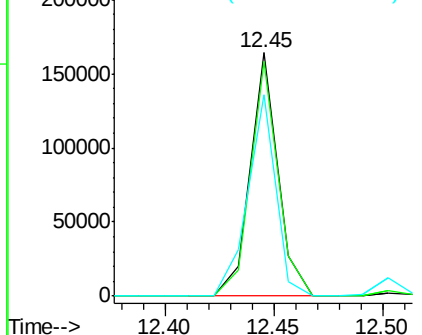
Lab File: BF078803.D

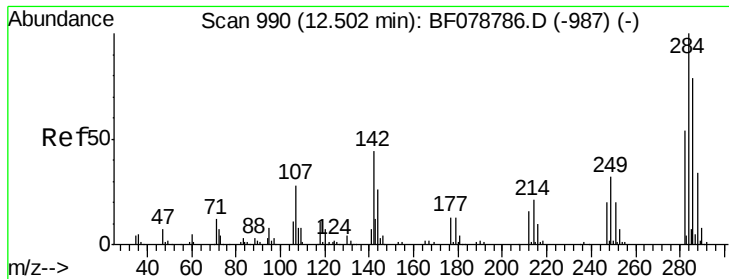
Acq: 29 Apr 2015 5:01

Tgt Ion:	248	Resp:	145095
Ion Ratio	Lower	Upper	
248	100		
250	96.6	77.1	115.7
141	82.6	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





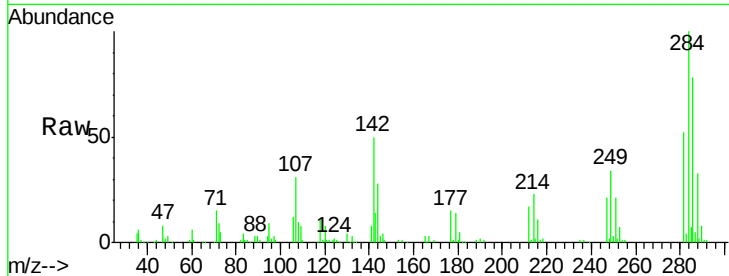
#67
Hexachlorobenzene
Concen: 43.52 ng
RT: 12.50 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF078803.D
Acq: 29 Apr 2015 5:01

Instrument :
BNA_F
ClientSampleId :
PB83016BSD

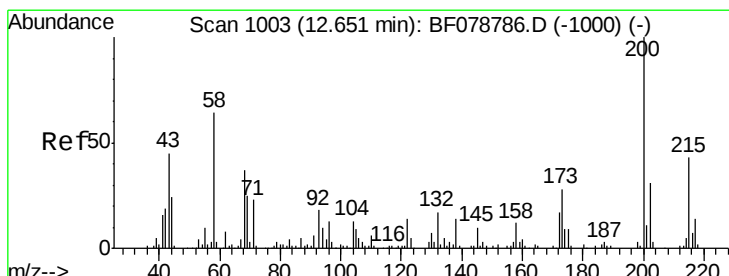
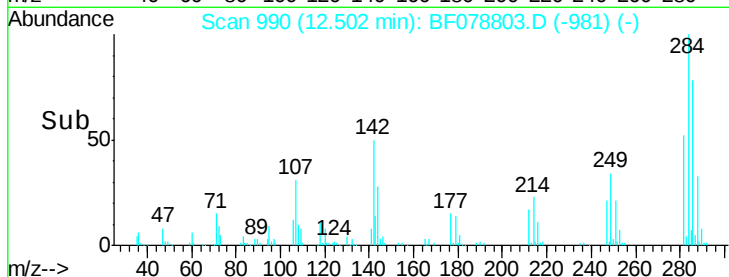
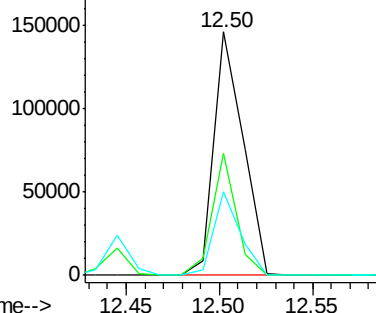
Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	50.0	35.2	52.8
249	34.2	25.4	38.2

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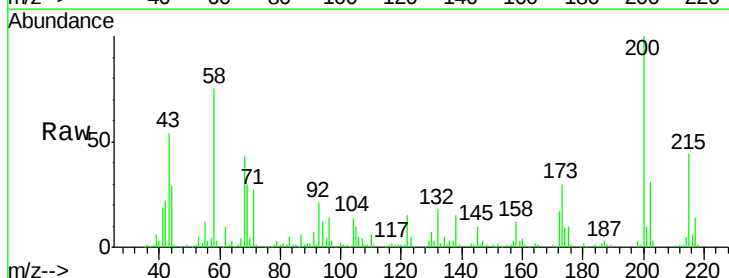


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

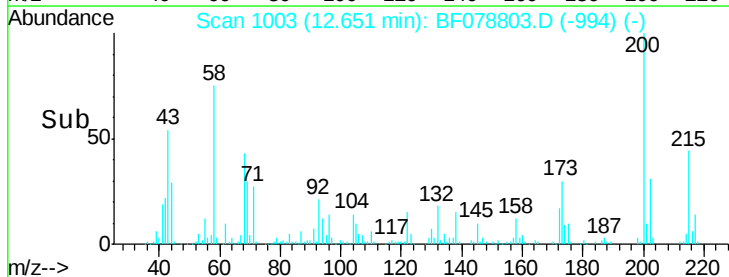
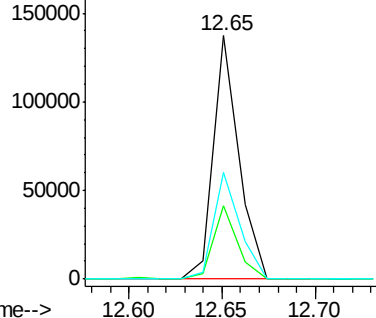


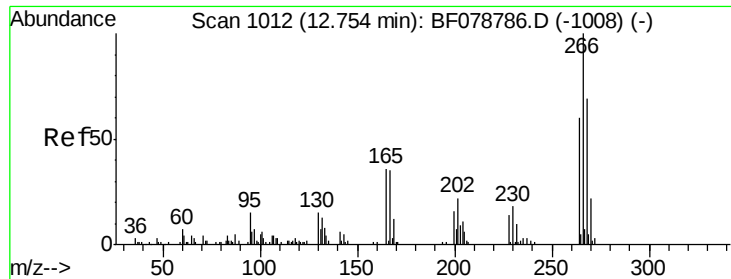
#68
Atrazine
Concen: 47.09 ng
RT: 12.65 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BF078803.D
Acq: 29 Apr 2015 5:01

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	30.0	8.1	48.1
215	43.8	22.9	62.9



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





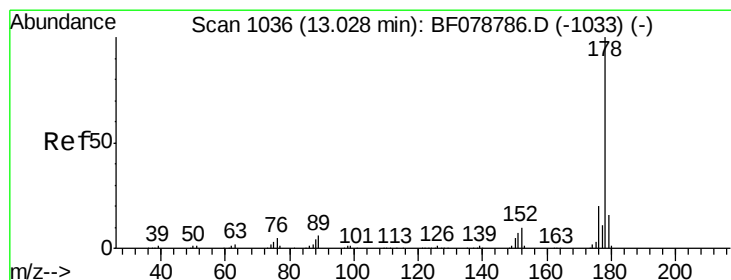
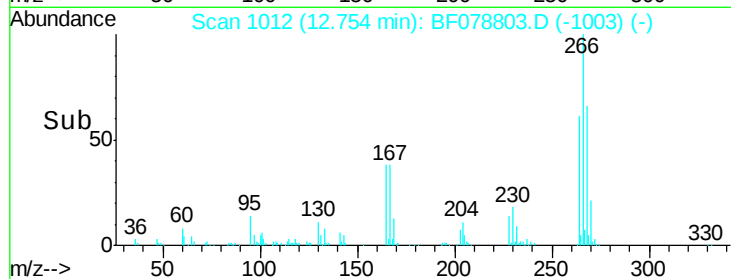
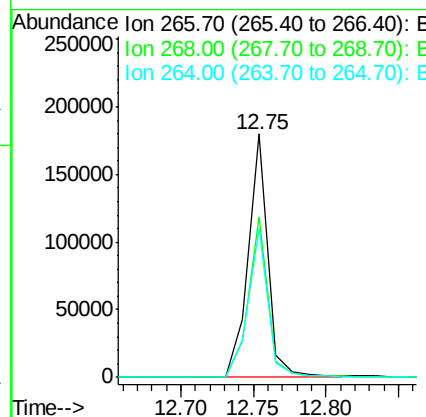
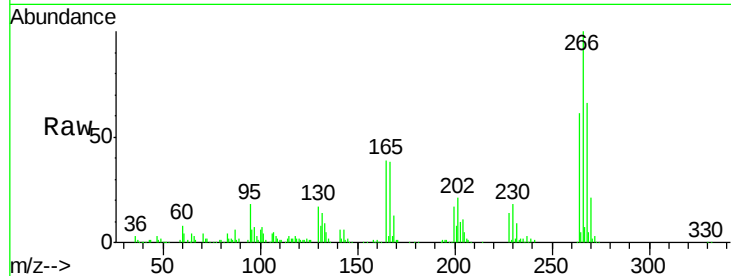
#69
 Pentachlorophenol
 Concen: 86.73 ng
 RT: 12.75 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: BF078803.D
 Acq: 29 Apr 2015 5:01

Instrument :
 BNA_F
 ClientSampleId :
 PB83016BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	170776		
268	65.9	55.0	82.6	
264	61.1	48.2	72.2	

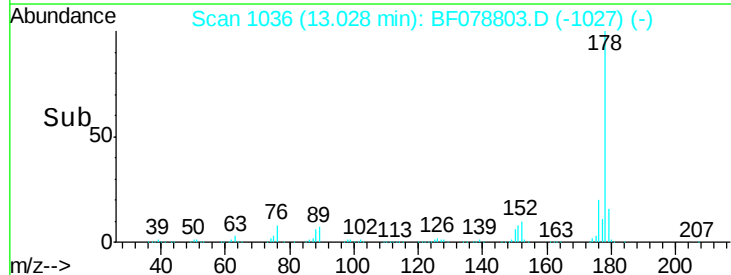
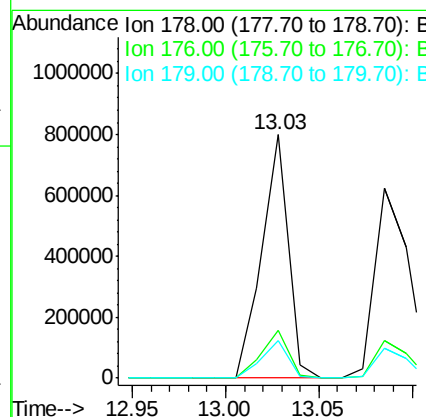
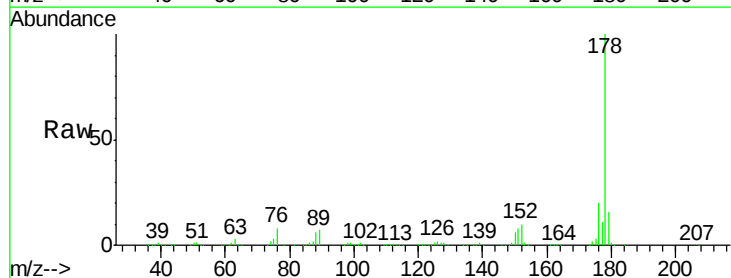
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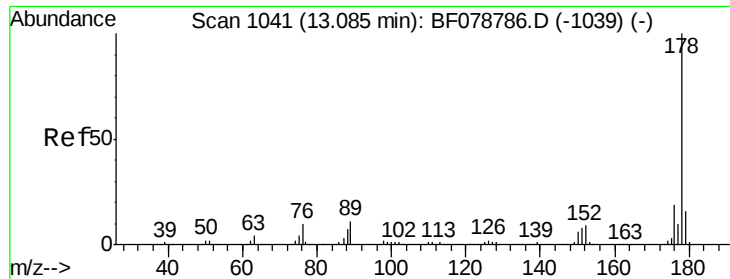
apatel
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#70
 Phenanthrene
 Concen: 45.31 ng
 RT: 13.03 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF078803.D
 Acq: 29 Apr 2015 5:01

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	782885		
176	19.7	15.8	23.8	
179	15.6	12.5	18.7	





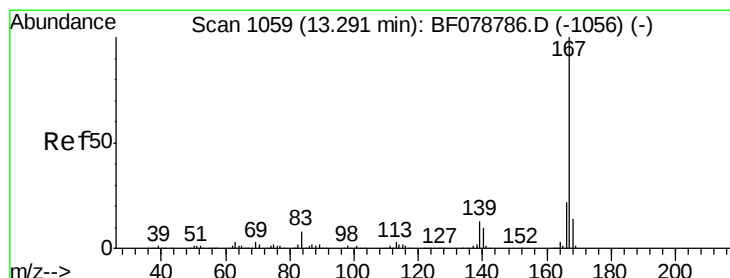
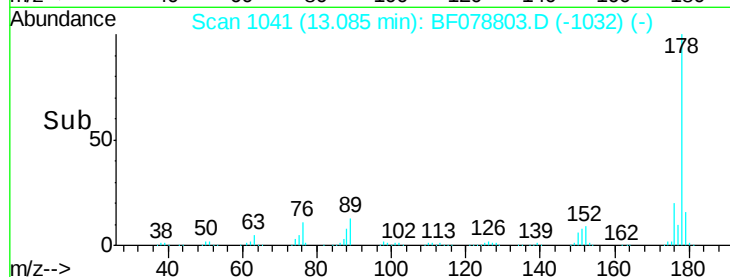
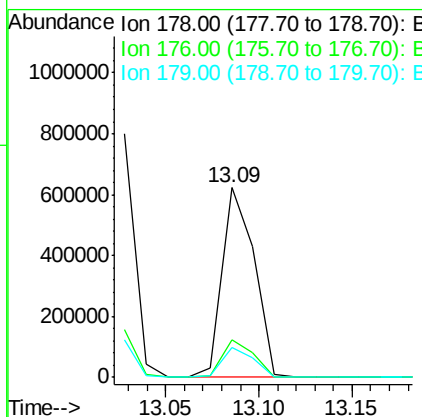
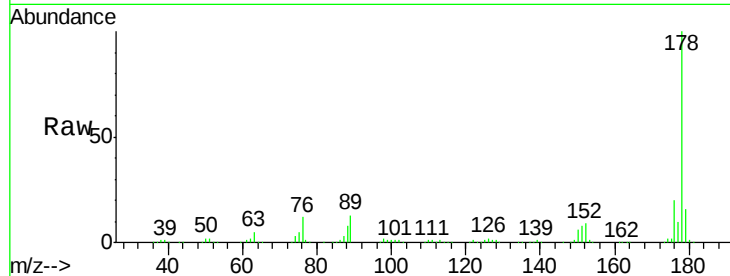
#71
 Anthracene
 Concen: 44.22 ng
 RT: 13.09 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF078803.D
 Acq: 29 Apr 2015 5:01

Instrument :
 BNA_F
 ClientSampleId :
 PB83016BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.5	23.3
179	16.1	12.7	19.1

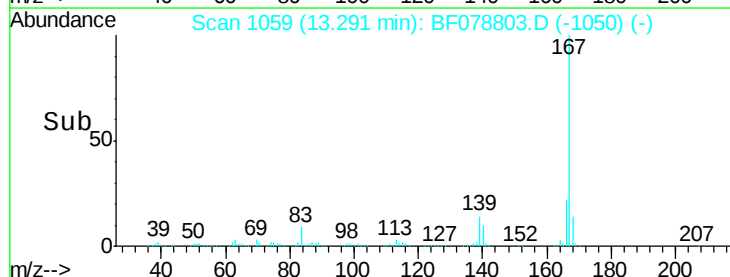
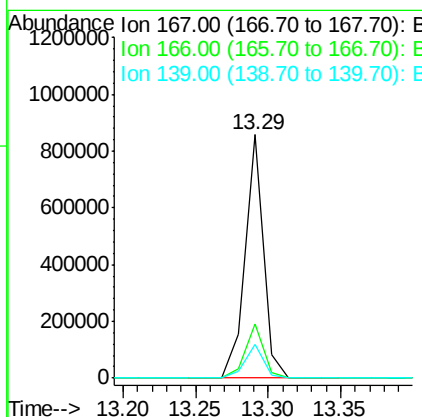
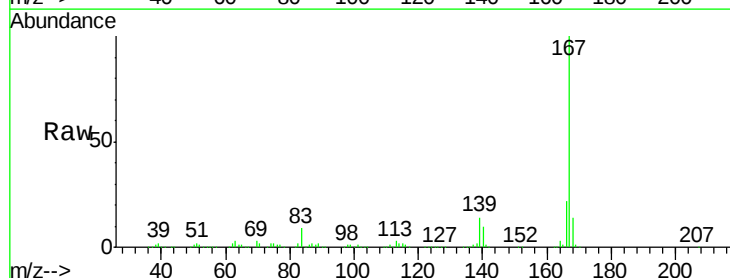
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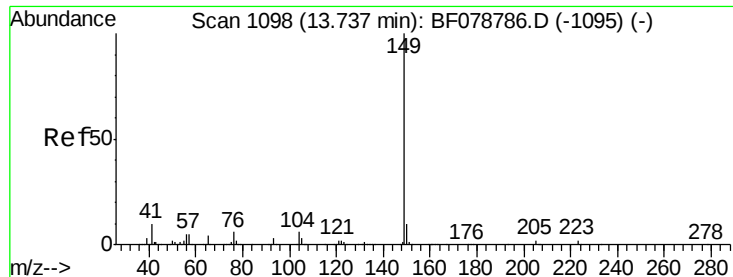
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#72
 Carbazole
 Concen: 47.30 ng
 RT: 13.29 min Scan# 1059
 Delta R.T. -0.00 min
 Lab File: BF078803.D
 Acq: 29 Apr 2015 5:01

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.8	26.8
139	14.0	10.6	16.0





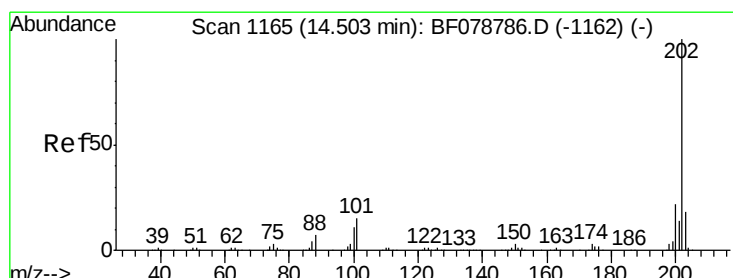
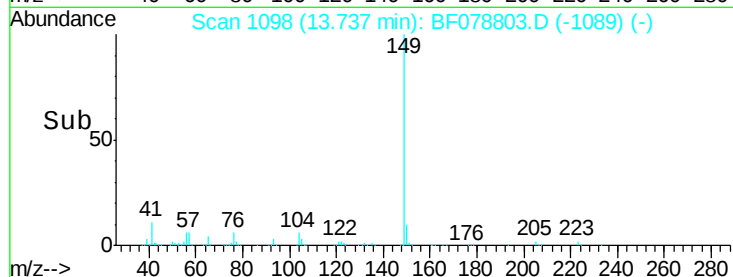
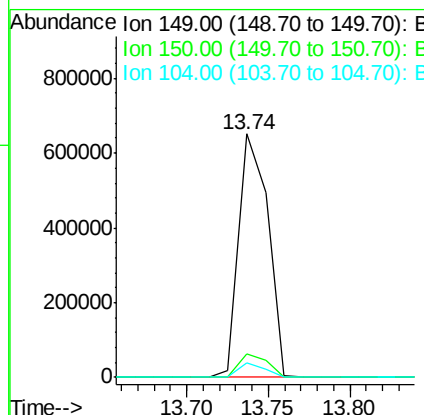
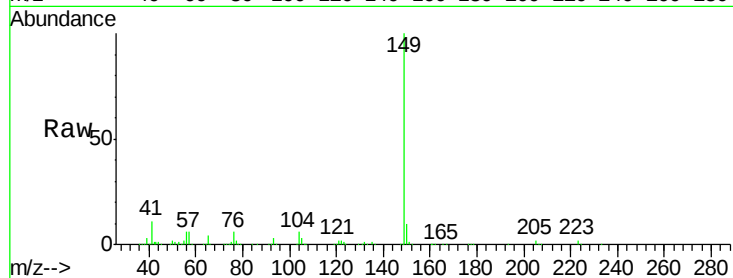
#73
Di-n-butylphthalate
Concen: 43.51 ng
RT: 13.74 min Scan# 1098
Delta R.T. 0.00 min
Lab File: BF078803.D
Acq: 29 Apr 2015 5:01

Instrument :
BNA_F
ClientSampleId :
PB83016BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	804034		
150	9.7	7.7	11.5	
104	5.8	4.6	7.0	

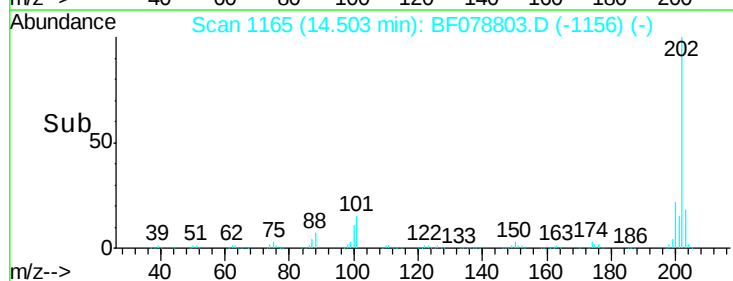
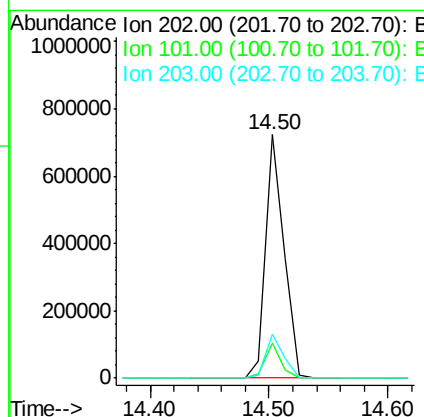
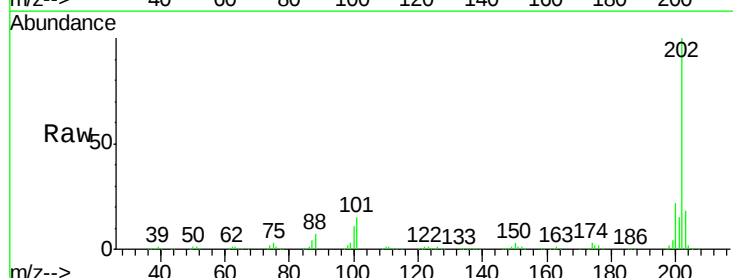
Manual Integrations
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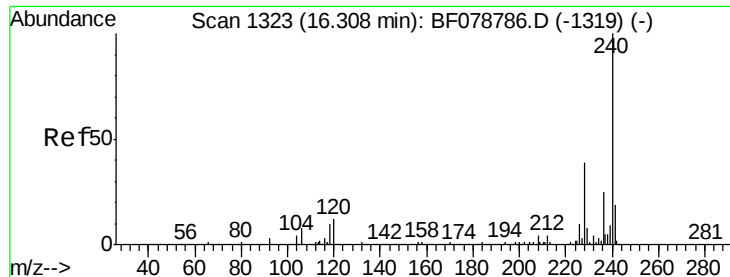
apatel
4/29/2015 3:53:48 PM



#74
Fluoranthene
Concen: 45.44 ng
RT: 14.50 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BF078803.D
Acq: 29 Apr 2015 5:01

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	783053		
101	14.6	0.0	34.6	
203	18.3	0.0	38.4	





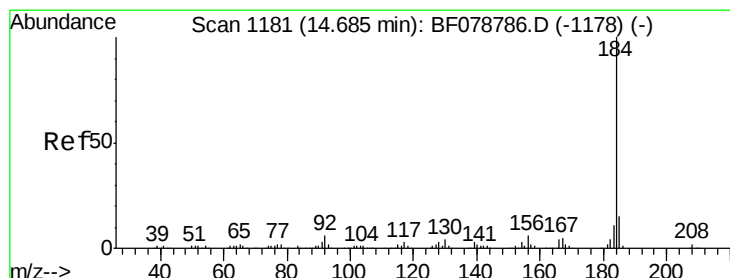
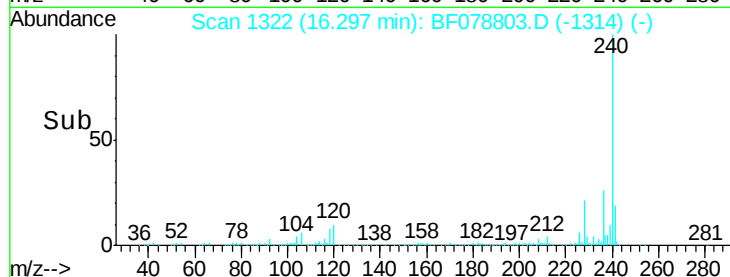
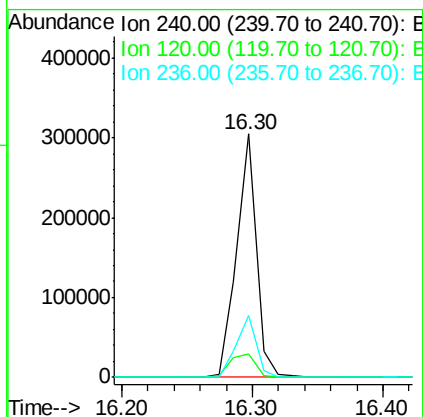
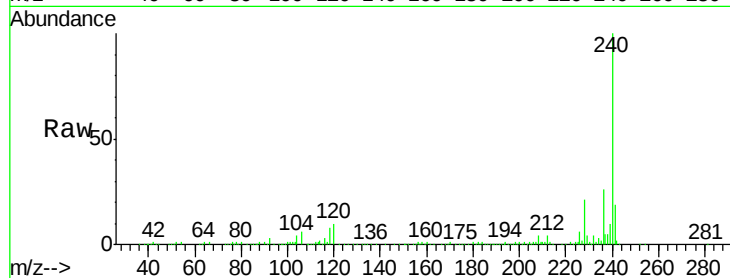
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.30 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF078803.D
Acq: 29 Apr 2015 5:01

Instrument :
BNA_F
ClientSampleId :
PB83016BSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100	320548		
120	9.8		9.7	14.5
236	25.7		20.2	30.4

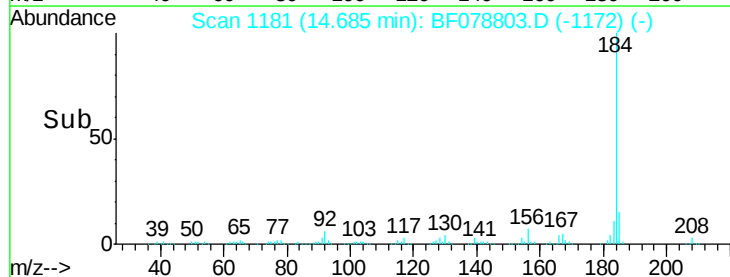
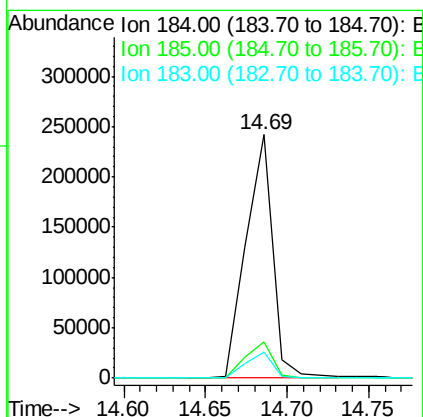
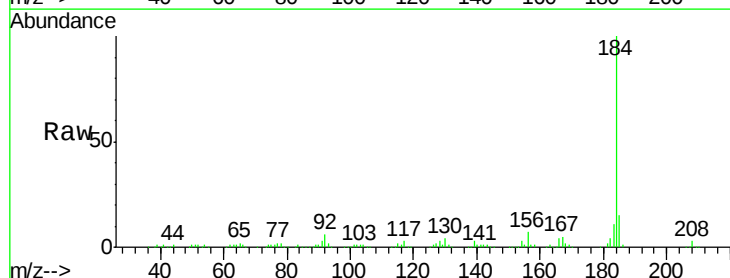
Manual Integrations
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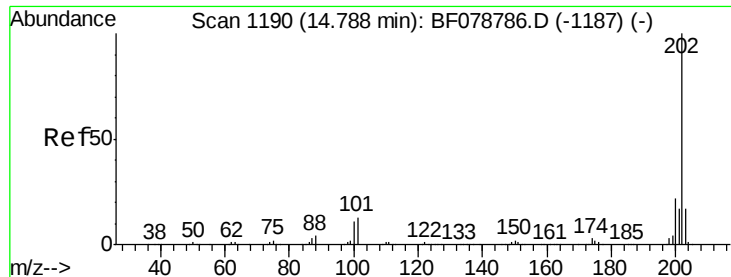
apatel
4/29/2015 3:53:48 PM



#76
Benzidine
Concen: 26.60 ng
RT: 14.69 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BF078803.D
Acq: 29 Apr 2015 5:01

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	275984		
185	15.1		12.3	18.5
183	10.9		8.4	12.6





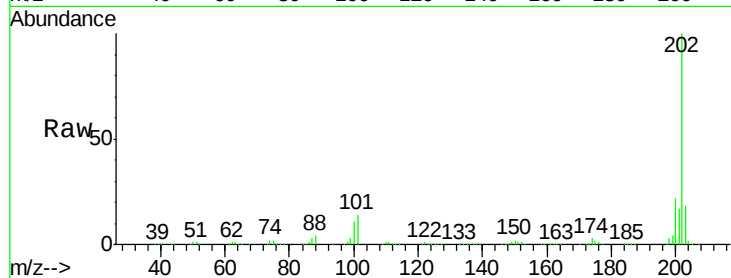
#77
Pvrene
Concen: 45.02 ng
RT: 14.79 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BF078803.D
Acq: 29 Apr 2015 5:01

Instrument :
BNA_F
ClientSampleId :
PB83016BSD

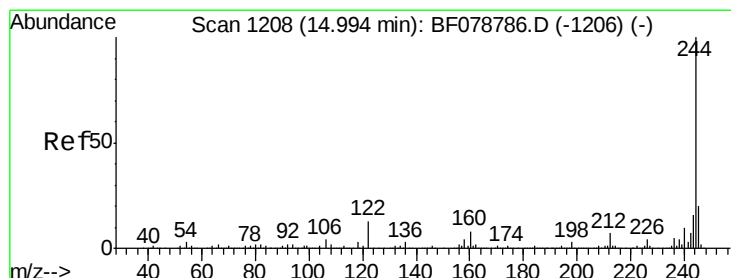
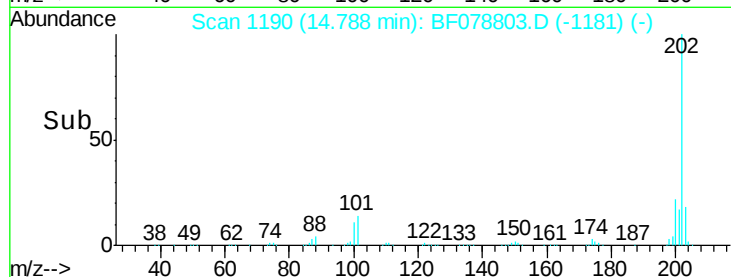
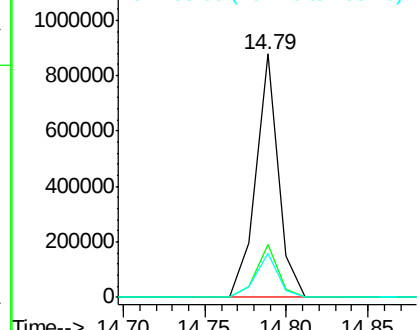
Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.9	17.5	26.3
203	17.9	13.9	20.9

Manual Integrations
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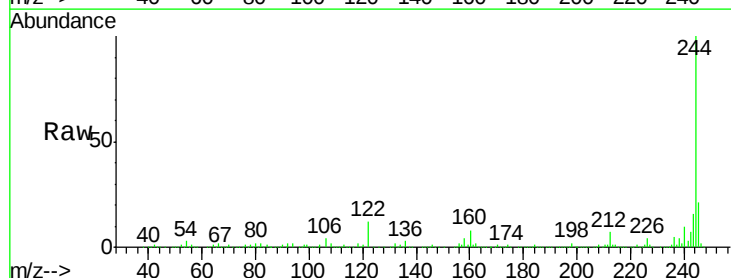


Abundance Ion 202.00 (201.70 to 202.70): E
1200000
Ion 200.00 (199.70 to 200.70): E
1000000
Ion 203.00 (202.70 to 203.70): E

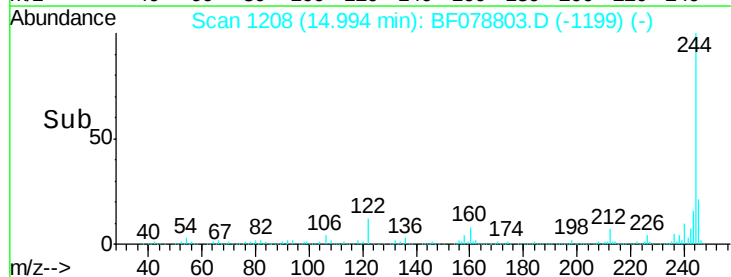
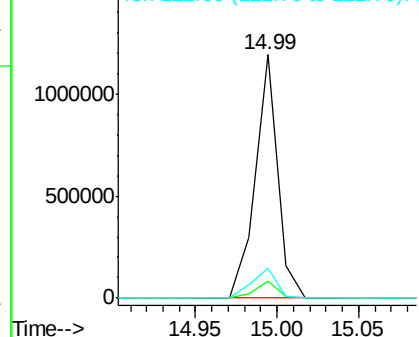


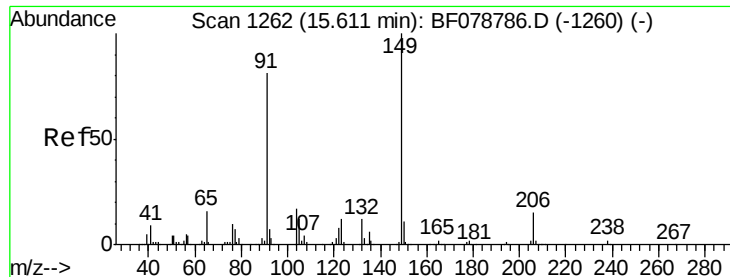
#78
Terphenyl-d14
Concen: 84.56 ng
RT: 14.99 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BF078803.D
Acq: 29 Apr 2015 5:01

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.0	5.6	8.4
122	12.2	10.3	15.5



Abundance Ion 244.00 (243.70 to 244.70): E
1500000
Ion 212.00 (211.70 to 212.70): E
1000000
Ion 122.00 (121.70 to 122.70): E





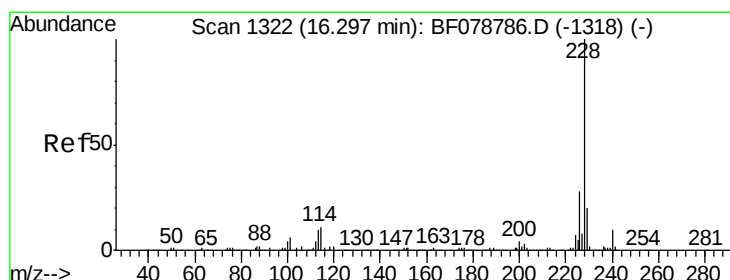
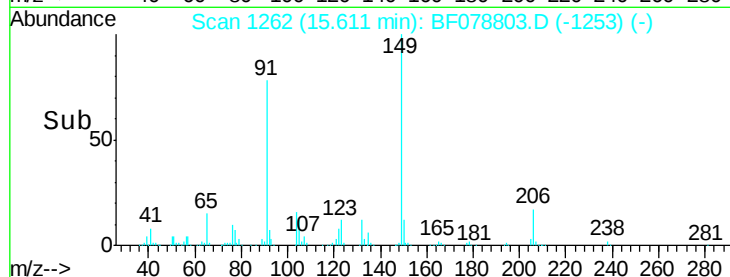
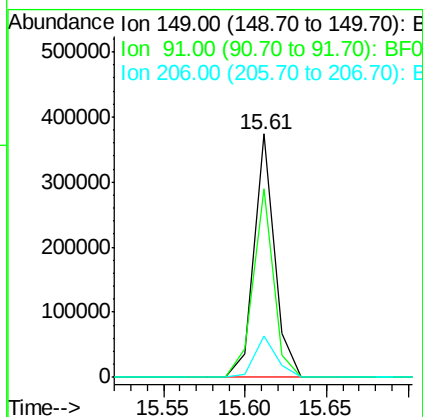
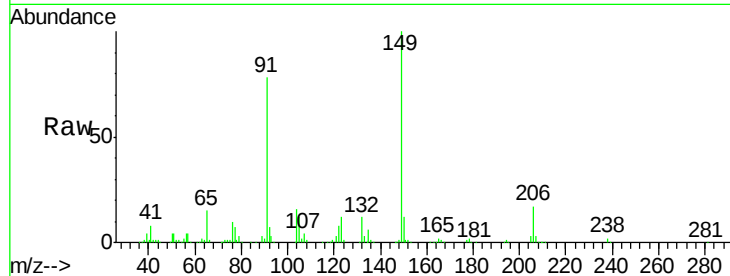
#79
Butylbenzylphthalate
Concen: 45.85 ng
RT: 15.61 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BF078803.D
Acq: 29 Apr 2015 5:01

Instrument :
BNA_F
ClientSampleId :
PB83016BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	77.7	64.6	97.0
206	16.9	12.2	18.4

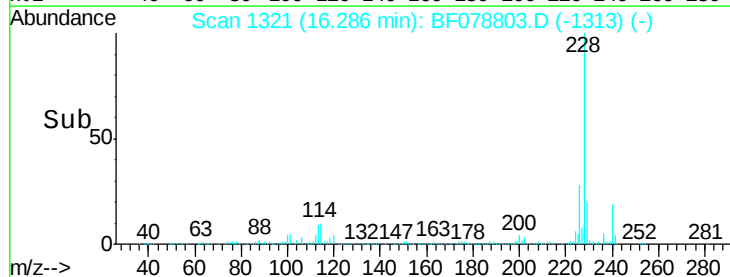
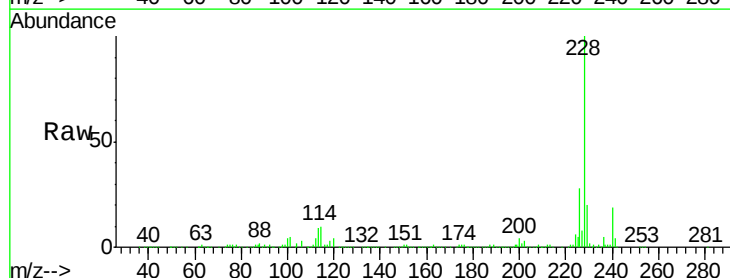
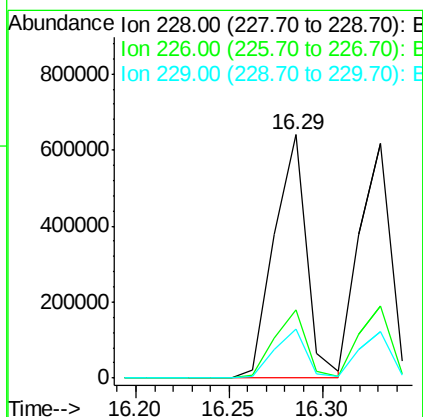
Manual Integrations
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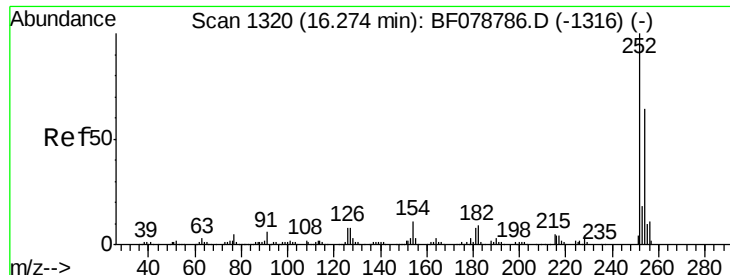
apatel
4/29/2015 3:53:48 PM



#80
Benzo(a)anthracene
Concen: 44.81 ng
RT: 16.29 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF078803.D
Acq: 29 Apr 2015 5:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.1	22.6	33.8
229	20.2	15.9	23.9





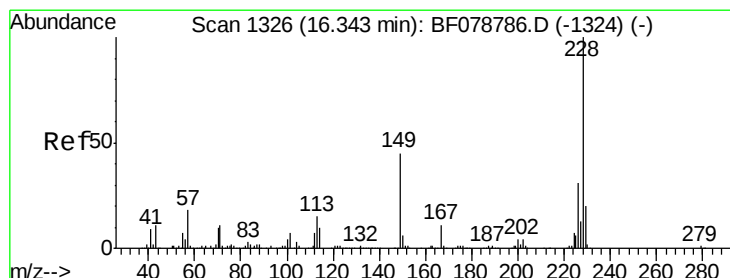
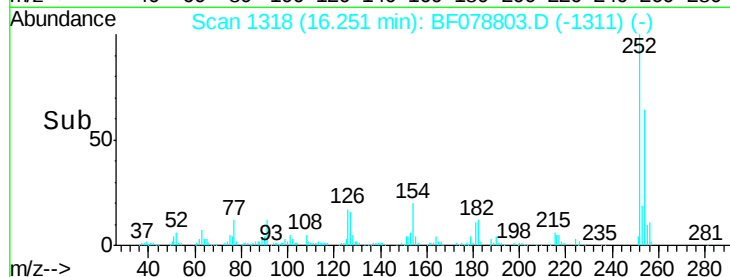
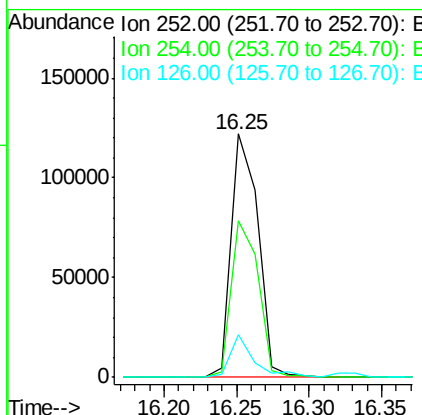
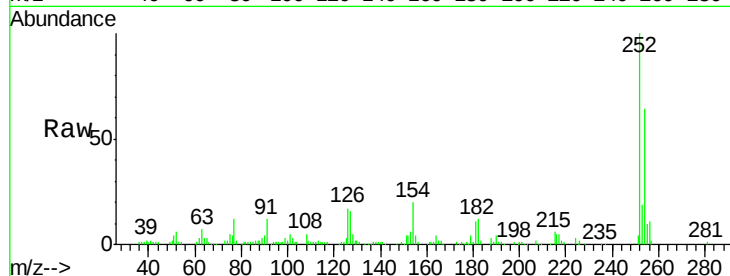
#81
 3,3'-Dichlorobenzidine
 Concen: 26.83 ng
 RT: 16.25 min Scan# 1318
 Delta R.T. -0.02 min
 Lab File: BF078803.D
 Acq: 29 Apr 2015 5:01

Instrument :
 BNA_F
 ClientSampleId :
 PB83016BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.4	51.3	76.9
126	17.5	6.6	10.0

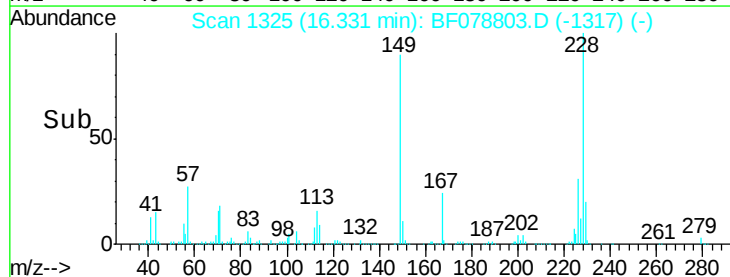
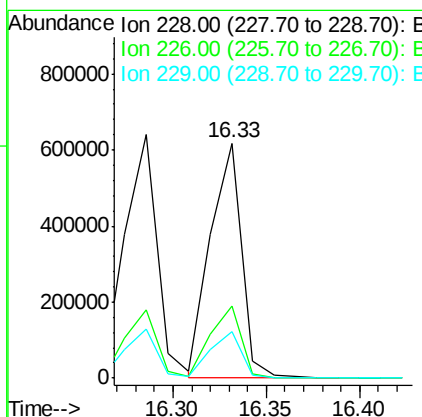
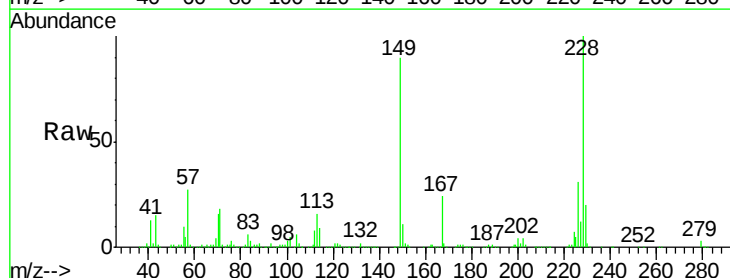
Manual Integrations
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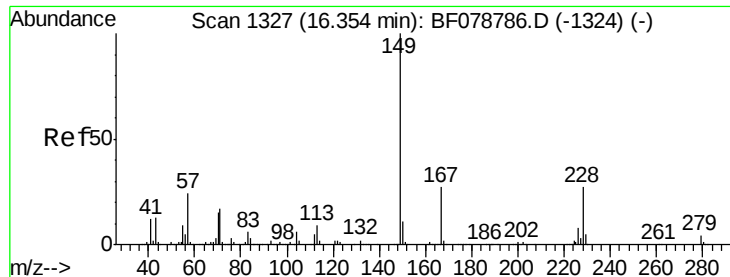
apatel
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#82
 Chrysene
 Concen: 42.60 ng
 RT: 16.33 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF078803.D
 Acq: 29 Apr 2015 5:01

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.9	24.9	37.3
229	19.7	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.39 ng

RT: 16.33 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BF078803.D

Acq: 29 Apr 2015 5:01

Instrument :

BNA_F

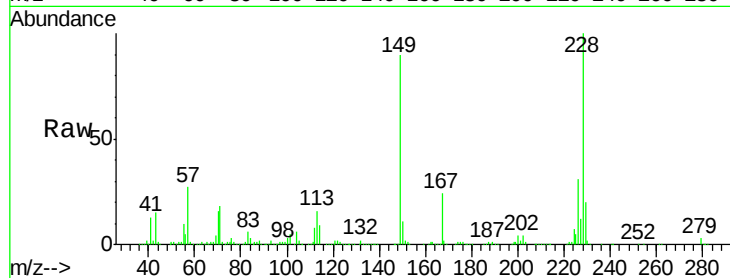
ClientSampleId :

PB83016BSD

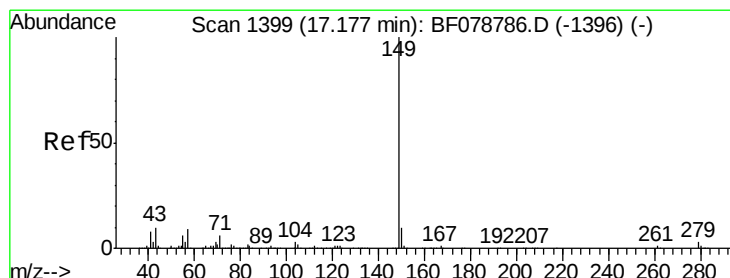
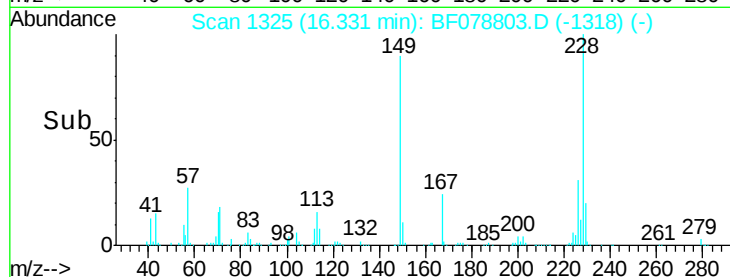
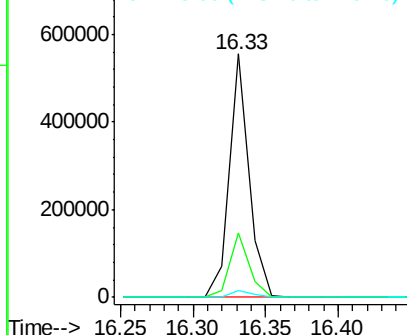
Tot Ion:	149	Resp:	523259
Ion Ratio		Lower	Upper
149	100		
167	26.2	21.8	32.8
279	2.8	2.9	4.3#

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



#84

Di-n-octyl phthalate

Concen: 44.86 ng

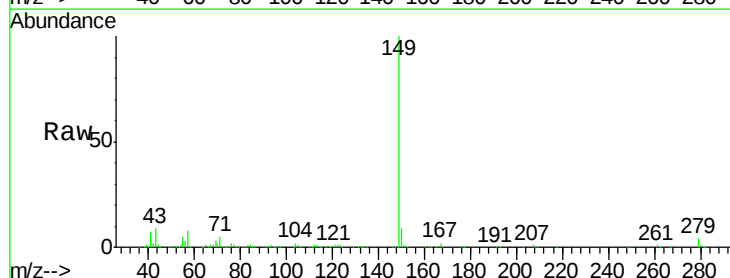
RT: 17.13 min Scan# 1395

Delta R.T. -0.05 min

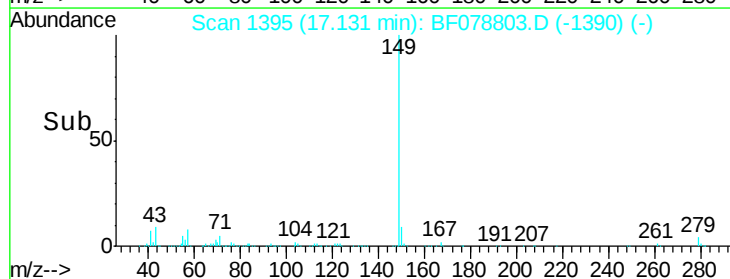
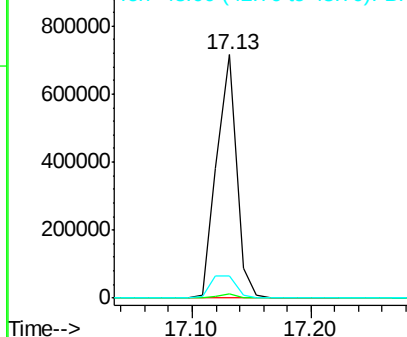
Lab File: BF078803.D

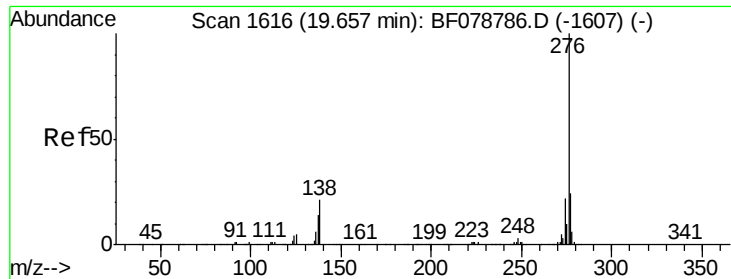
Acq: 29 Apr 2015 5:01

Tgt Ion:	149	Resp:	829487
Ion Ratio		Lower	Upper
149	100		
167	1.5	0.0	0.0#
43	11.8	0.0	0.0#



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





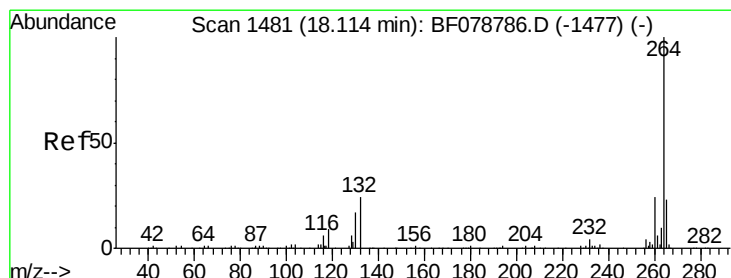
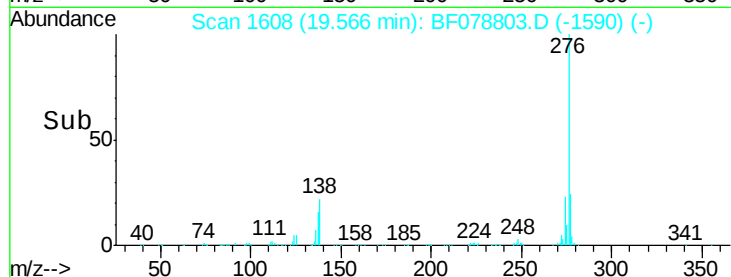
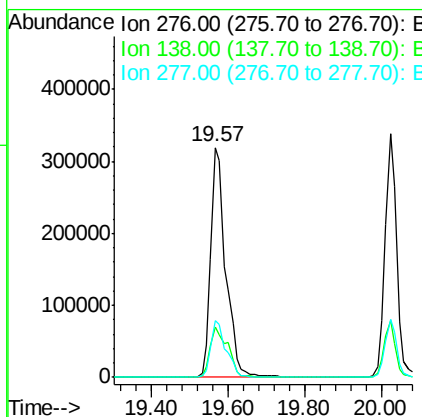
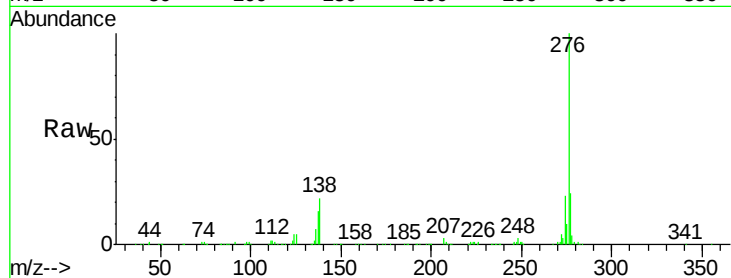
#85
Indeno(1,2,3-cd)pyrene
Concen: 45.49 ng
RT: 19.57 min Scan# 1608
Delta R.T. -0.09 min
Lab File: BF078803.D
Acq: 29 Apr 2015 5:01

Instrument :
BNA_F
ClientSampleId :
PB83016BSD

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
138	25.9	0.0	0.0	
277	25.1	0.0	0.0	

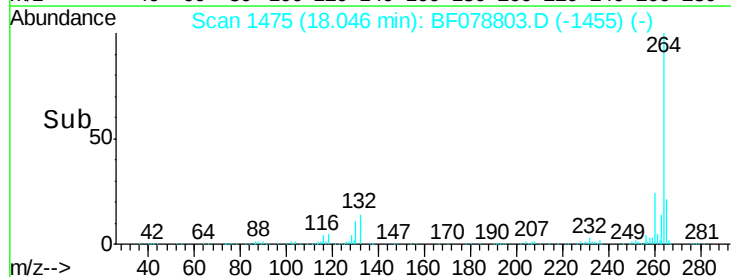
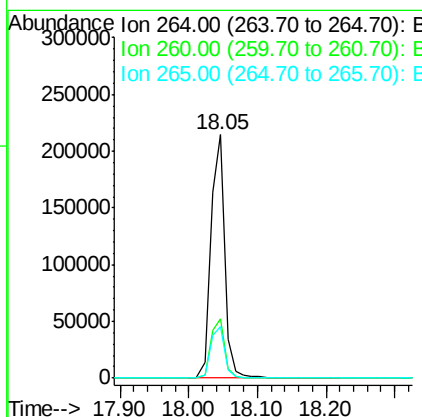
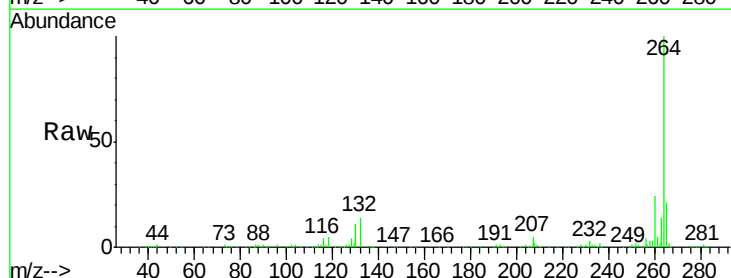
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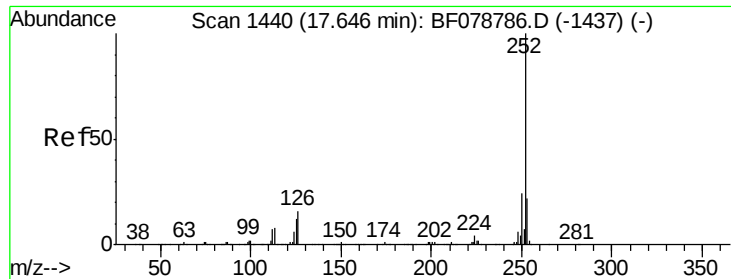
apatel
4/29/2015 3:53:48 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 18.05 min Scan# 1475
Delta R.T. -0.07 min
Lab File: BF078803.D
Acq: 29 Apr 2015 5:01

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	24.2	19.4	29.2	
265	21.2	18.3	27.5	





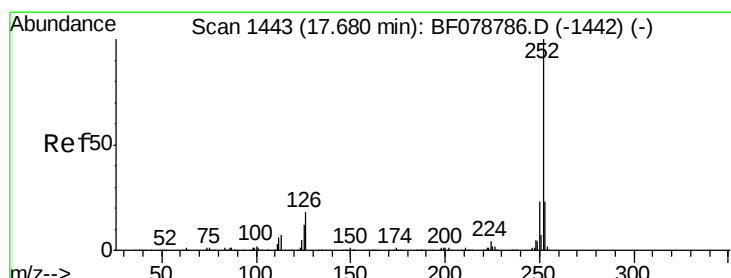
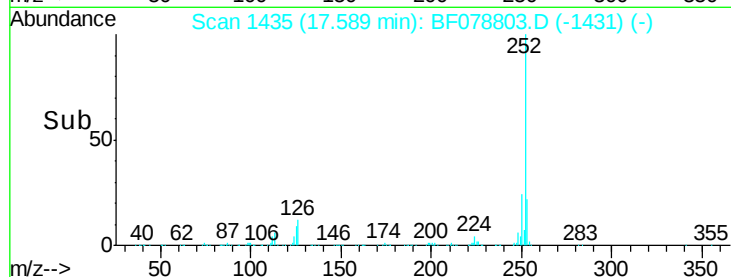
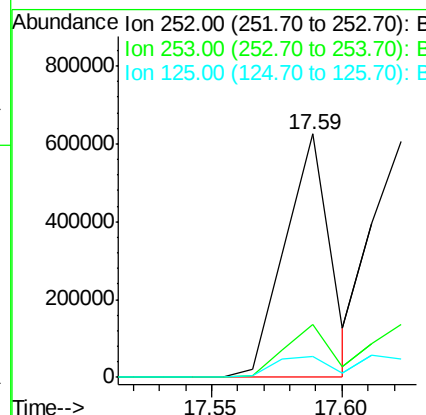
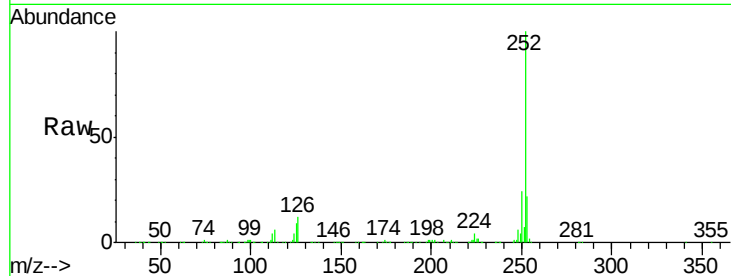
#87
Benzo(b)fluoranthene
Concen: 45.27 ng
RT: 17.59 min Scan# 1435
Delta R.T. -0.06 min
Lab File: BF078803.D
Acq: 29 Apr 2015 5:01

Instrument :
BNA_F
ClientSampleId :
PB83016BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	8.7	9.5	14.3

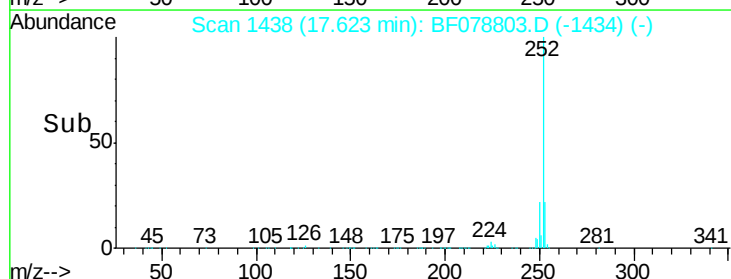
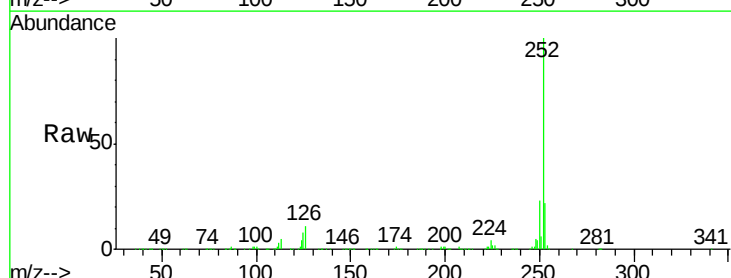
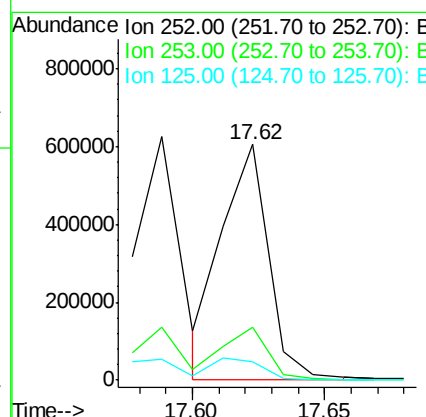
Manual Integrations
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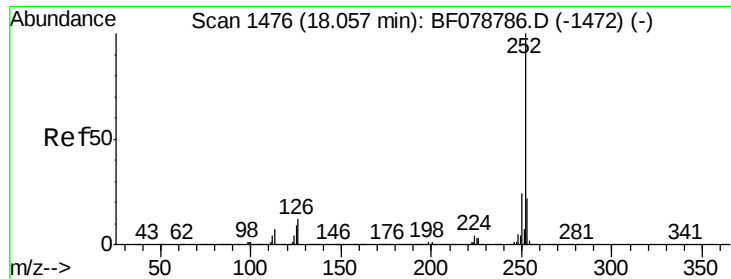
apatel
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#88
Benzo(k)fluoranthene
Concen: 47.13 ng m
RT: 17.62 min Scan# 1438
Delta R.T. -0.06 min
Lab File: BF078803.D
Acq: 29 Apr 2015 5:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	7.7	10.0	15.0





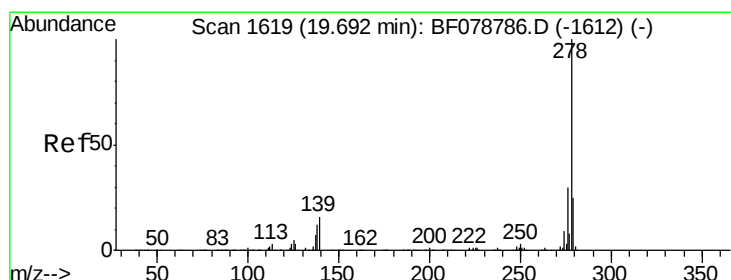
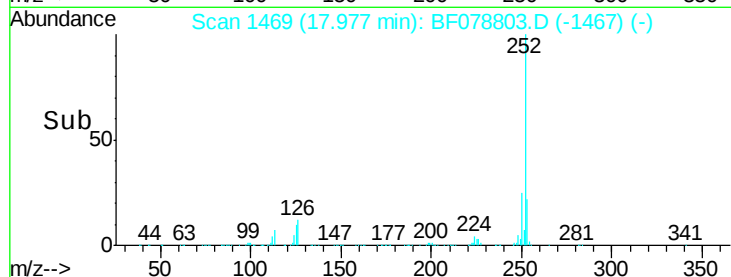
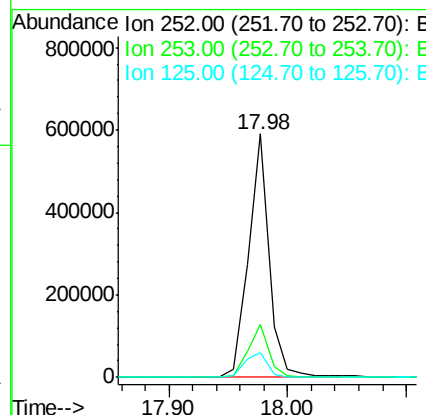
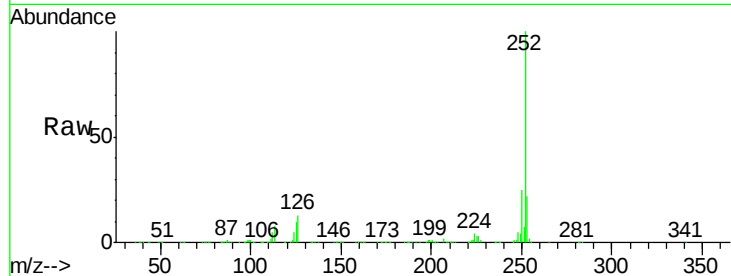
#89
Benzo(a)pyrene
Concen: 48.82 ng
RT: 17.98 min Scan# 1469
Delta R.T. -0.08 min
Lab File: BF078803.D
Acq: 29 Apr 2015 5:01

Instrument :
BNA_F
ClientSampleId :
PB83016BSD

Tot Ion:	252	Resp:	719757
Ion Ratio		Lower	Upper
252	100		
253	21.6	17.3	25.9
125	10.2	7.0	10.6

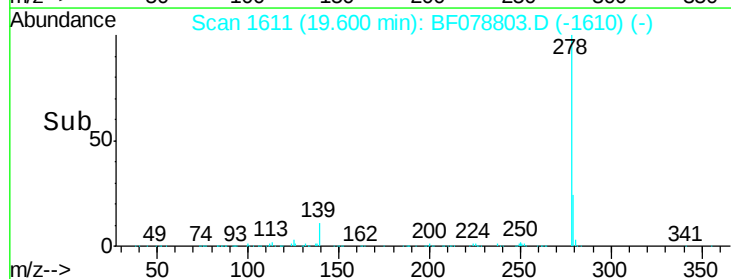
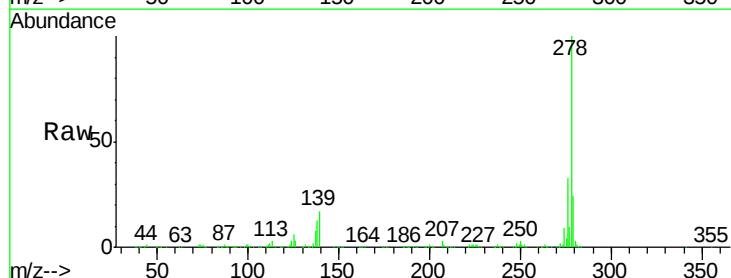
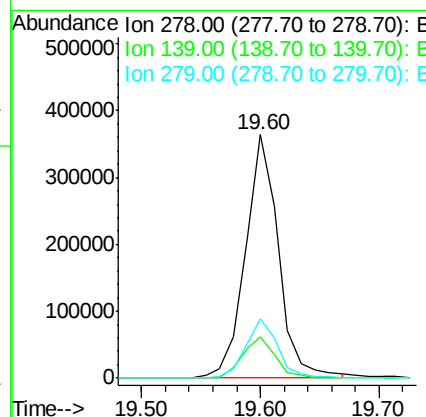
Manual Integrations
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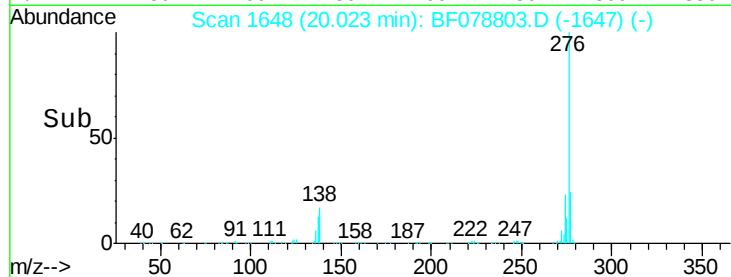
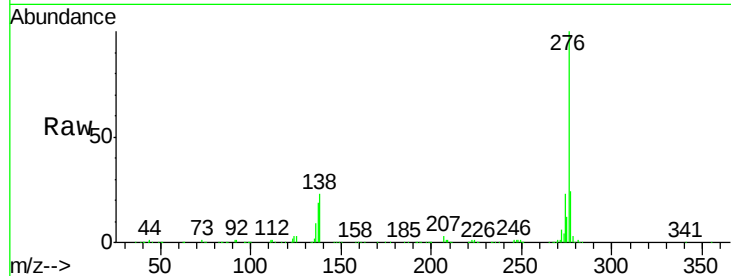
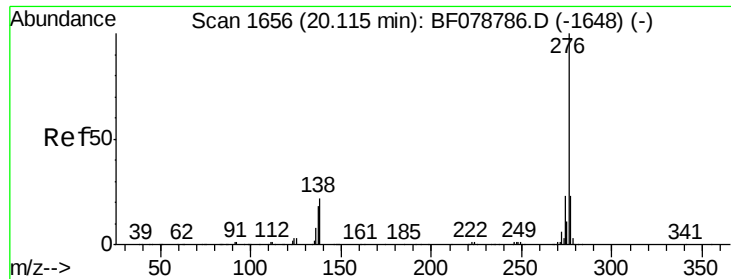
apatel
4/29/2015 3:53:48 PM



#90
Dibenzo(a,h)anthracene
Concen: 45.64 ng
RT: 19.60 min Scan# 1611
Delta R.T. -0.09 min
Lab File: BF078803.D
Acq: 29 Apr 2015 5:01

Tgt Ion:	278	Resp:	696912
Ion Ratio		Lower	Upper
278	100		
139	16.9	12.8	19.2
279	24.4	19.6	29.4





#91

Benzo(a,h,i)perylene

Concen: 45.94 ng

RT: 20.02 min Scan# 1648

Delta R.T. -0.09 min

Lab File: BF078803.D

Acq: 29 Apr 2015 5:01

Tot Ion:	276	Resp:	704155
Ion Ratio	Lower	Upper	
276	100		
277	23.9	18.6	28.0
138	23.3	17.4	26.0

Instrument :

BNA_F

ClientSampleId :

PB83016BSD

Manual Integrations
APPROVED

apatel
4/29/2015 3:53:48 PM

