

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042015\
 Data File : BF078648.D
 Acq On : 20 Apr 2015 17:07
 Operator : TP/IZ
 Sample : PB82874BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82874BS

Manual Integrations
 APPROVED

apatel
 4/21/2015 5:03:25 PM

Quant Time: Apr 21 01:15:26 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 21 00:52:21 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.86	152	36981	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	152506	20.00	ng	0.00
38) Acenaphthene-d10	11.21	164	78078	20.00	ng	0.00
63) Phenanthrene-d10	13.94	188	155948	20.00	ng	0.00
75) Chrysene-d12	17.81	240	161366	20.00	ng	0.00
86) Perylene-d12	19.51	264	156589	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	3.87	112	241060	107.47	ng	0.00
7) Phenol-d6	5.36	99	311811	110.93	ng	0.00
23) Nitrobenzene-d5	6.80	82	180674	71.81	ng	0.00
41) 2,4,6-Tribromophenol	12.69	330	78389	121.05	ng	0.00
44) 2-Fluorobiphenyl	10.03	172	389430	71.30	ng	0.00
78) Terphenyl-d14	16.47	244	473377	66.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.45	88	27470m	27.08	ng	
3) Pyridine	1.93	79	97584	36.73	ng	94
4) n-Nitrosodimethylamine	1.90	42	31531	30.83	ng	98
6) Aniline	5.35	93	72025	18.07	ng	93
8) 2-Chlorophenol	5.52	128	94918	35.79	ng	100
9) Benzaldehyde	5.16	77	14538	7.80	ng	93
10) Phenol	5.38	94	115899	34.41	ng	97
11) bis(2-Chloroethyl)ether	5.48	93	83699	34.56	ng	95
12) 1,3-Dichlorobenzene	5.76	146	98857	33.93	ng	# 93
13) 1,4-Dichlorobenzene	5.88	146	99126	33.80	ng	97
14) 1,2-Dichlorobenzene	6.12	146	95539	34.75	ng	96
15) Benzyl Alcohol	6.14	79	77938	39.46	ng	90
16) 2,2'-oxybis(1-Chloropropan	6.38	45	114683	35.50	ng	90
17) 2-Methylphenol	6.35	107	76769	37.28	ng	# 94
18) Hexachloroethane	6.67	117	34077	34.46	ng	92
19) n-Nitroso-di-n-propylamine	6.59	70	66931	36.09	ng	96
20) 3+4-Methylphenols	6.64	107	101467	36.94	ng	90
22) Acetophenone	6.56	105	132433	37.27	ng	# 94
24) Nitrobenzene	6.83	77	95603	36.35	ng	91
25) Isophorone	7.26	82	172706	36.17	ng	95
26) 2-Nitrophenol	7.38	139	47705	38.06	ng	97
27) 2,4-Dimethylphenol	7.54	122	85642	36.74	ng	98
28) bis(2-Chloroethoxy)methane	7.70	93	110531	36.10	ng	99
29) 2,4-Dichlorophenol	7.83	162	82756	39.03	ng	95
30) 1,2,4-Trichlorobenzene	7.94	180	82199	33.81	ng	99
31) Naphthalene	8.06	128	270554	34.08	ng	99
32) Benzoic acid	7.78	122	46222m	42.87	ng	
33) 4-Chloroaniline	8.22	127	52345	15.89	ng	97
34) Hexachlorobutadiene	8.31	225	46979	35.19	ng	98
35) Caprolactam	8.84	113	24963m	39.44	ng	
36) 4-Chloro-3-methylphenol	9.18	107	85669	40.04	ng	90
37) 2-Methylnaphthalene	9.31	142	188189	34.92	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.63	216	81607	33.73	ng	96
40) Hexachlorocyclopentadiene	9.61	237	70524	68.76	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.88	196	57311	37.56	nq	99
43) 2,4,5-Trichlorophenol	9.95	196	57283	35.94	nq	# 92
45) 1,1'-Biphenyl	10.19	154	228639	35.80	nq	96
46) 2-Chloronaphthalene	10.19	162	177067	35.24	nq	96
47) 2-Nitroaniline	10.44	65	49465	39.79	nq	# 69
48) Acenaphthylene	10.94	152	286437	35.30	nq	99
49) Dimethylphthalate	10.84	163	217327	37.05	nq	# 98
50) 2,6-Dinitrotoluene	10.94	165	45739	37.90	nq	# 52
51) Acenaphthene	11.27	154	164995	36.12	nq	99
52) 3-Nitroaniline	11.21	138	26493	19.31	nq	# 94
53) 2,4-Dinitrophenol	11.44	184	32524	72.66	nq	93
54) Dibenzofuran	11.60	168	261691	37.50	nq	97
55) 4-Nitrophenol	11.65	139	56683	56.92	nq	92
56) 2,4-Dinitrotoluene	11.67	165	63399	40.56	nq	# 83
57) Fluorene	12.23	166	215202	38.05	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.86	232	40849	34.57	nq	98
59) Diethylphthalate	12.17	149	212883	37.64	nq	99
60) 4-Chlorophenyl-phenylether	12.29	204	97421	37.44	nq	# 82
61) 4-Nitroaniline	12.34	138	44610	32.16	nq	98
62) Azobenzene	12.57	77	200776	38.90	nq	97
64) 4,6-Dinitro-2-methylphenol	12.42	198	26228	36.40	nq	# 62
65) n-Nitrosodiphenylamine	12.53	169	182941	33.91	nq	98
66) 4-Bromophenyl-phenylether	13.19	248	59859	36.24	nq	# 89
67) Hexachlorobenzene	13.22	284	62332	34.44	nq	# 89
68) Atrazine	13.60	200	70254	44.97	nq	96
69) Pentachlorophenol	13.63	266	43635	56.86	nq	99
70) Phenanthrene	13.99	178	310668	34.44	nq	99
71) Anthracene	14.08	178	319308	35.92	nq	99
72) Carbazole	14.41	167	302761	36.34	nq	99
73) Di-n-butylphthalate	15.09	149	360488	38.20	nq	100
74) Fluoranthene	15.86	202	340204	35.76	nq	97
76) Benzidine	16.13	184	99690	16.04	nq	97
77) Pyrene	16.17	202	359047	35.44	nq	98
79) Butylbenzylphthalate	17.17	149	161867	41.93	nq	# 82
80) Benzo(a)anthracene	17.79	228	342096	35.63	nq	98
81) 3,3'-Dichlorobenzidine	17.79	252	66681	20.74	nq	# 97
82) Chrysene	17.84	228	309917	34.36	nq	99
83) Bis(2-ethylhexyl)phthalate	17.92	149	235639	38.91	nq	# 95
84) Di-n-octyl phthalate	18.71	149	404391	40.67	nq	# 100
85) Indeno(1,2,3-cd)pyrene	20.69	276	352716	34.46	nq	# 88
87) Benzo(b)fluoranthene	19.09	252	321498	33.22	nq	99
88) Benzo(k)fluoranthene	19.12	252	311613m	36.23	nq	
89) Benzo(a)pyrene	19.45	252	306702	36.31	nq	99
90) Dibenzo(a,h)anthracene	20.71	278	288232	34.09	nq	97
91) Benzo(g,h,i)perylene	21.01	276	287634	33.93	nq	95

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

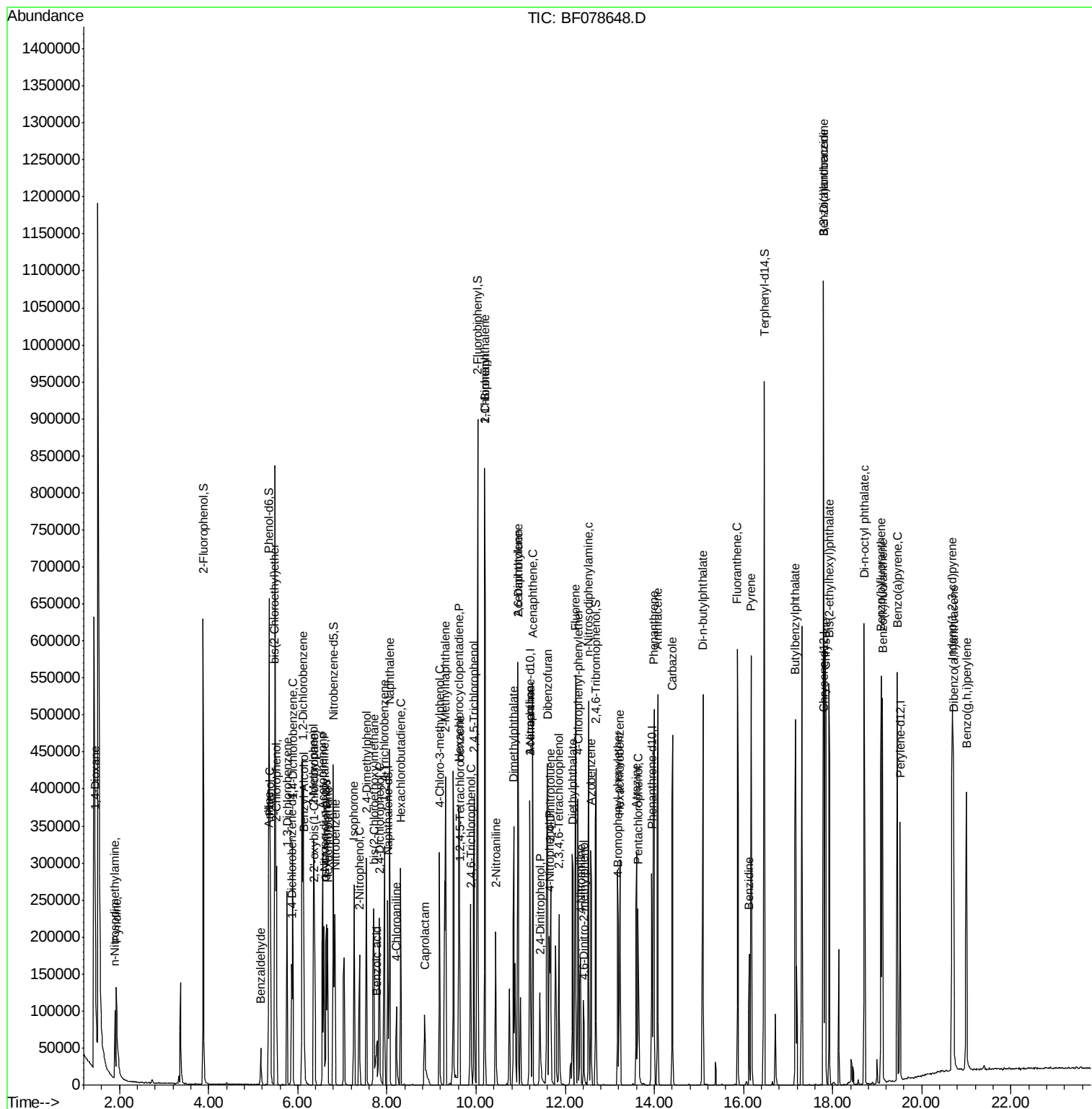
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Operator  : TP/IZ  
Sample    : PB82874BS  
Misc      :  
ALS Vial  : 4      Sample Multiplier: 1
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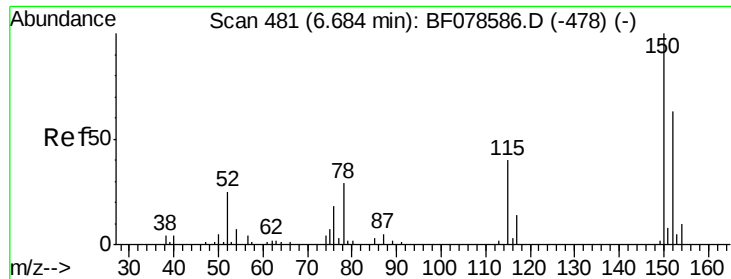
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.86 min Scan# 409

Delta R.T. 0.00 min

Lab File: BF078648.D

Acq: 20 Apr 2015 17:07

Instrument :

BNA_F

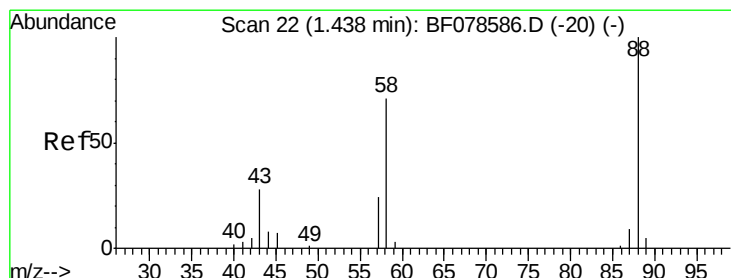
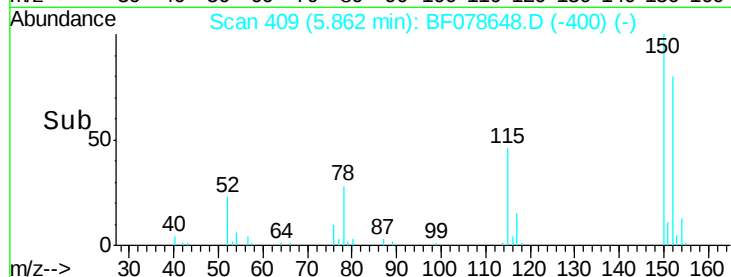
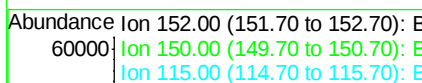
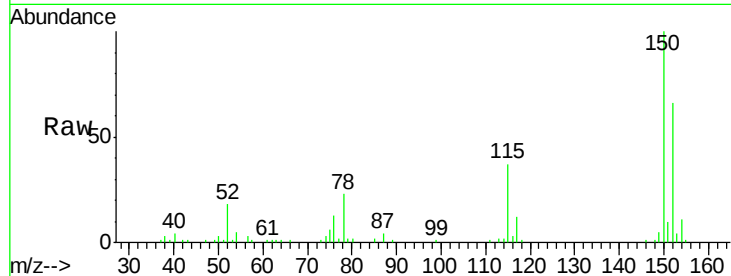
ClientSampleId :

PB82874BS

Tot Ion:	152	Resp:	36981
Ion Ratio	Lower	Upper	
152	100		
150	152.3	125.9	188.9
115	56.7	52.7	79.1

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#2

1,4-Dioxane

Concen: 27.08 ng m

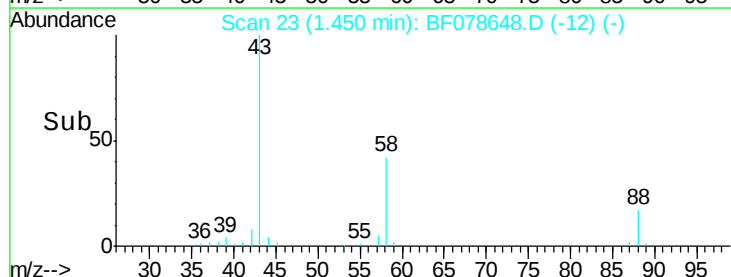
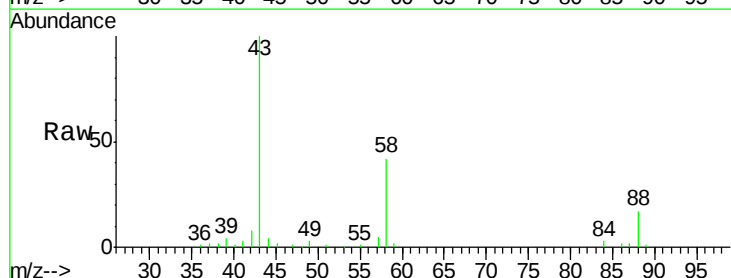
RT: 1.45 min Scan# 23

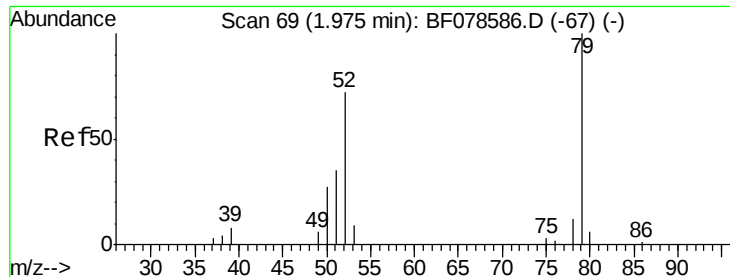
Delta R.T. 0.02 min

Lab File: BF078648.D

Acq: 20 Apr 2015 17:07

Tgt Ion:	88	Resp:	27470
Ion Ratio	Lower	Upper	
88	100		
58	0.0	56.9	85.3#
43	0.0	21.4	32.2#





#3

Pvridine

Concen: 36.73 ng

RT: 1.93 min Scan# 65

Delta R.T. 0.02 min

Lab File: BF078648.D

Acq: 20 Apr 2015 17:07

Instrument :

BNA_F

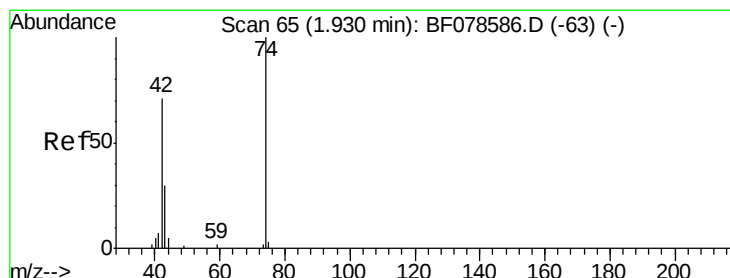
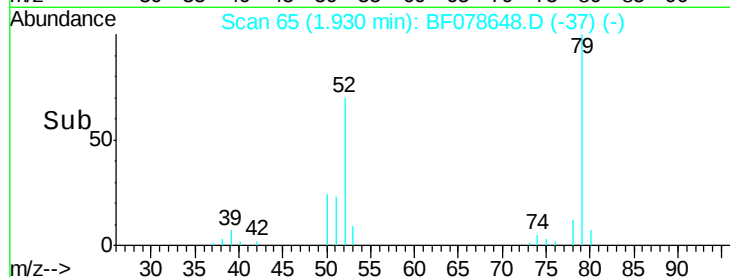
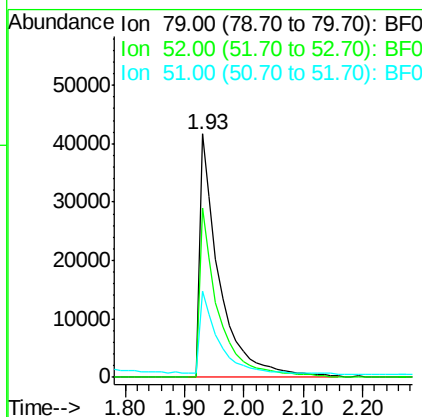
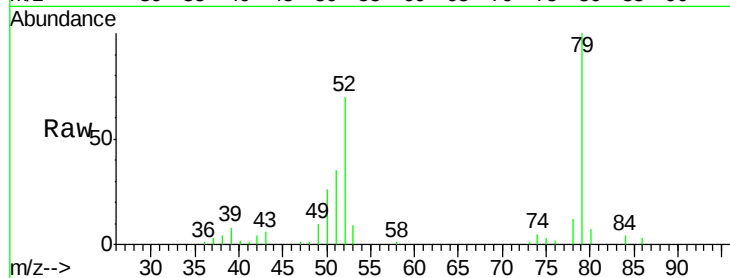
ClientSampleId :

PB82874BS

Tot Ion:	79	Resp:	97584
Ion	Ratio	Lower	Upper
79	100		
52	69.7	52.4	78.6
51	35.3	24.9	37.3

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#4

n-Nitrosodimethylamine

Concen: 30.83 ng

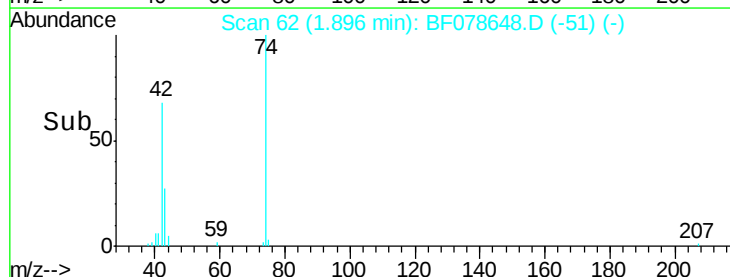
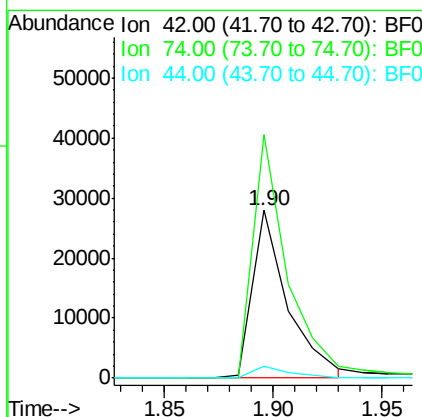
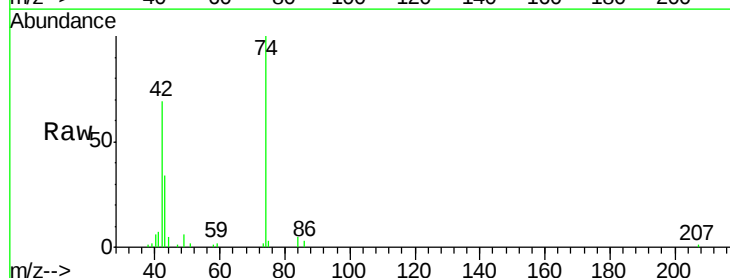
RT: 1.90 min Scan# 62

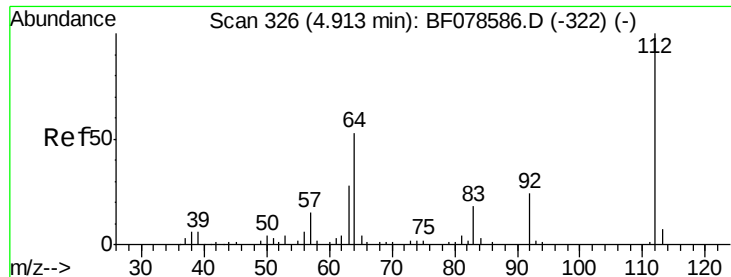
Delta R.T. 0.02 min

Lab File: BF078648.D

Acq: 20 Apr 2015 17:07

Tgt Ion:	42	Resp:	31531
Ion	Ratio	Lower	Upper
42	100		
74	145.3	118.7	178.1
44	6.9	5.9	8.9





#5

2-Fluorophenol

Concen: 107.47 ng

RT: 3.87 min Scan# 235

Delta R.T. 0.00 min

Lab File: BF078648.D

Acq: 20 Apr 2015 17:07

Instrument :

BNA_F

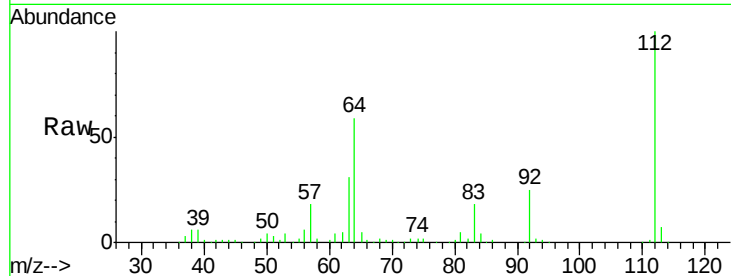
ClientSampleId :

PB82874BS

Tot Ion:	112	Resp:	241060
Ion Ratio	Lower	Upper	
112	100		
64	58.7	39.9	59.9
63	30.9	20.2	30.4

Manual Integrations
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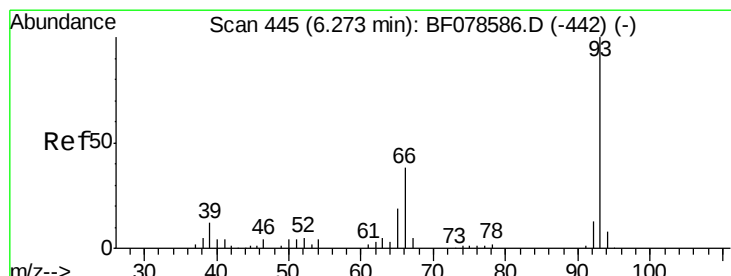
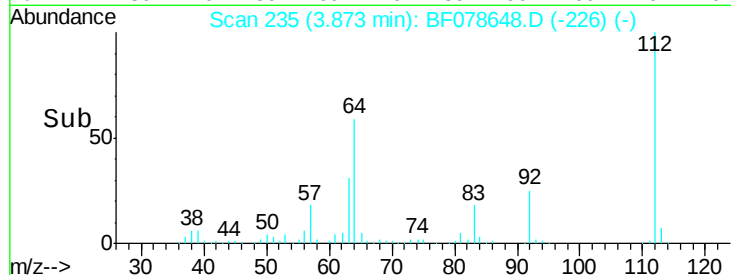
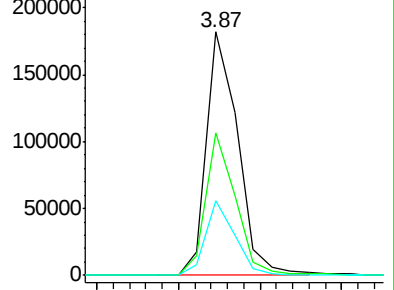
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 18.07 ng

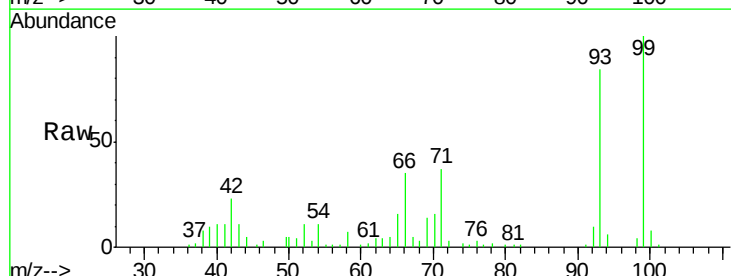
RT: 5.35 min Scan# 364

Delta R.T. 0.00 min

Lab File: BF078648.D

Acq: 20 Apr 2015 17:07

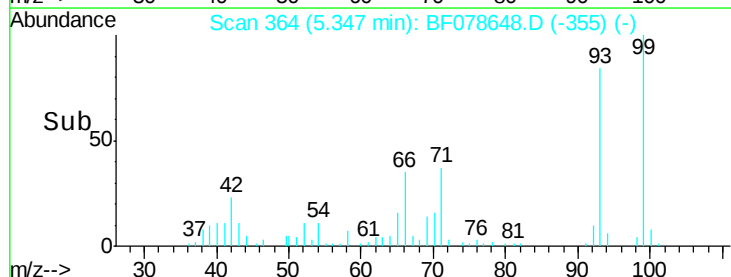
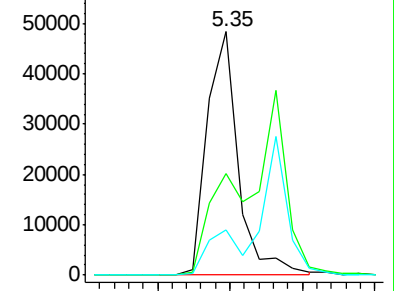
Tgt Ion:	93	Resp:	72025
Ion Ratio	Lower	Upper	
93	100		
66	42.0	38.0	57.0
65	18.4	16.3	24.5

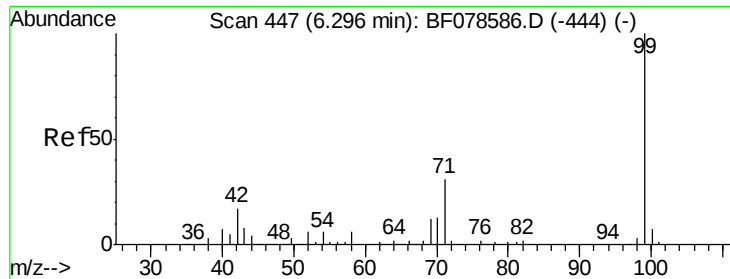


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 110.93 ng

RT: 5.36 min Scan# 365

Delta R.T. 0.00 min

Lab File: BF078648.D

Acq: 20 Apr 2015 17:07

Instrument :

BNA_F

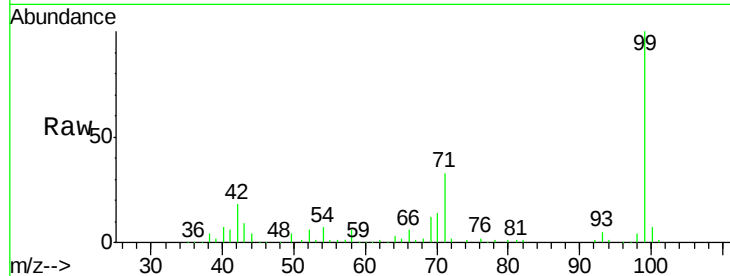
ClientSampleId :

PB82874BS

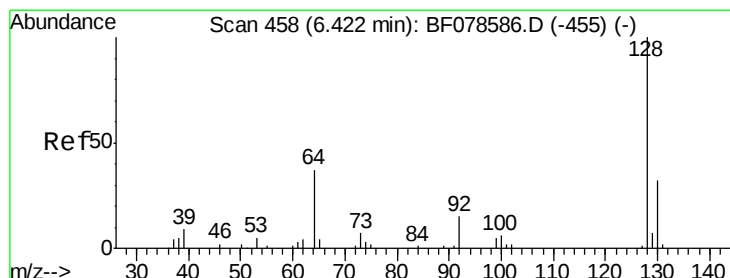
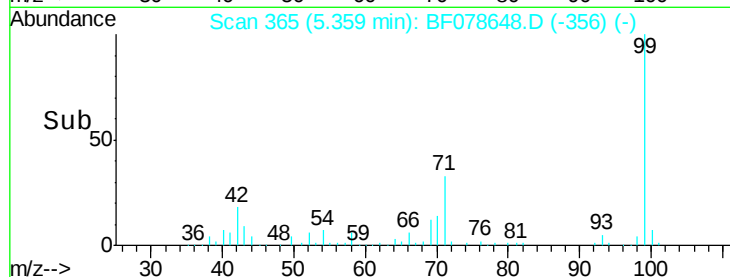
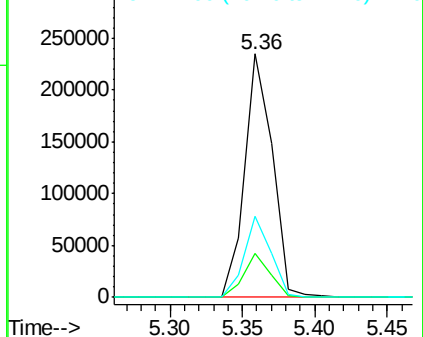
Tot Ion:	99	Resp:	311811
Ion Ratio	Lower	Upper	
99	100		
42	18.0	14.8	22.2
71	33.3	26.6	39.8

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



#8

2-Chlorophenol

Concen: 35.79 ng

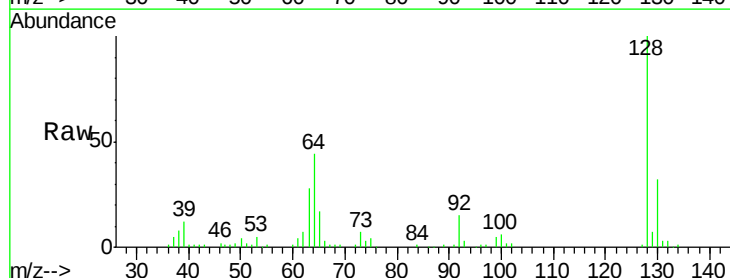
RT: 5.52 min Scan# 379

Delta R.T. 0.00 min

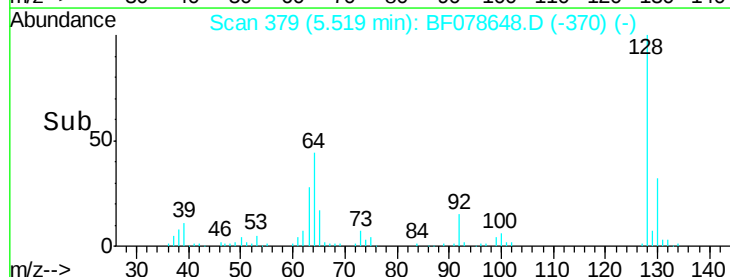
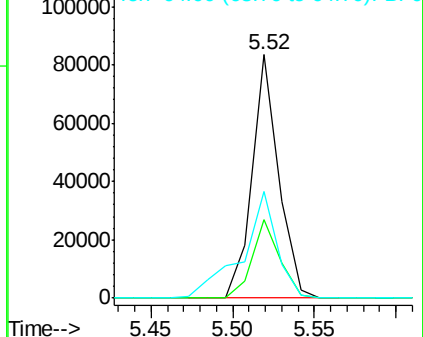
Lab File: BF078648.D

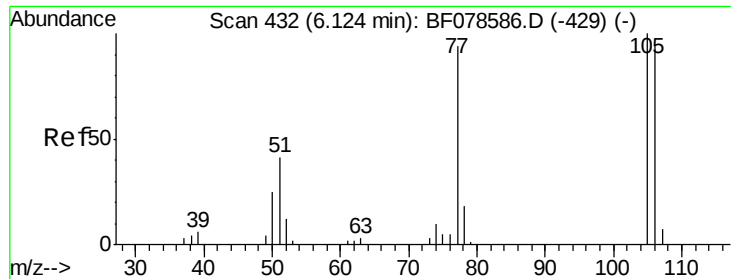
Acq: 20 Apr 2015 17:07

Tgt Ion:	128	Resp:	94918
Ion Ratio	Lower	Upper	
128	100		
130	32.1	12.3	52.3
64	44.0	23.8	63.8



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





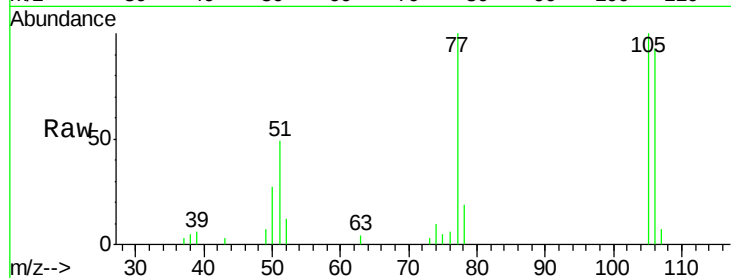
#9
Benzaldehyde
Concen: 7.80 ng
RT: 5.16 min Scan# 348
Delta R.T. 0.00 min
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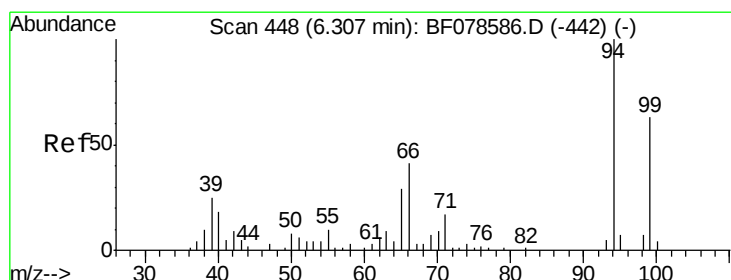
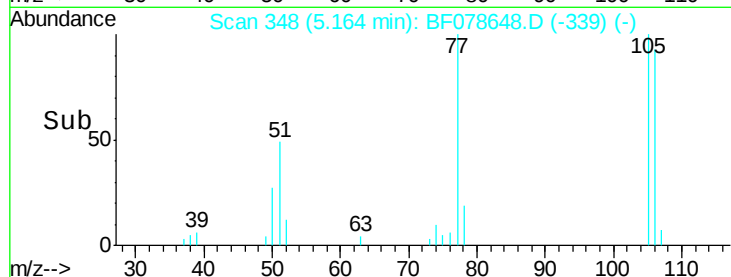
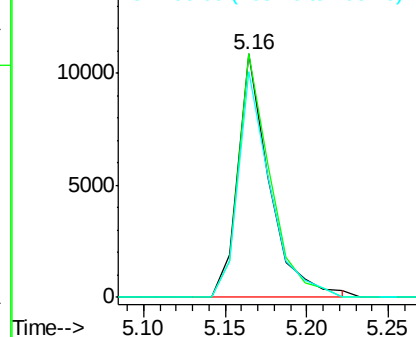
Tot Ion	Ratio	Lower	Upper
77	100		
105	100.0	85.4	125.4
106	92.5	80.8	120.8

Manual Integrations
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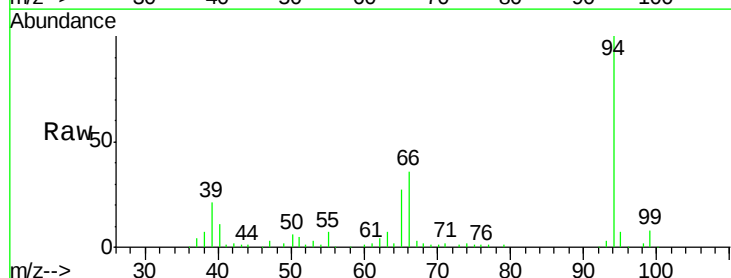


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

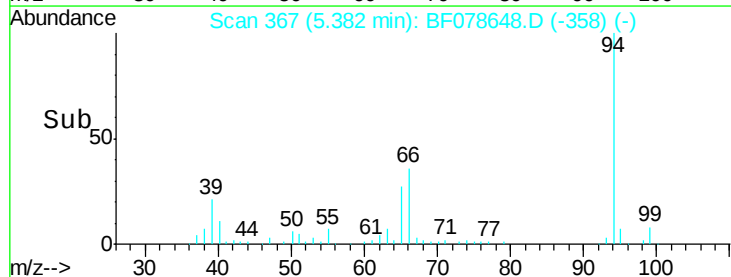
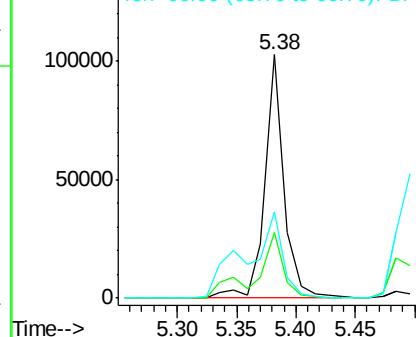


#10
Phenol
Concen: 34.41 ng
RT: 5.38 min Scan# 367
Delta R.T. 0.00 min
Lab File: BF078648.D
Acq: 20 Apr 2015 17:07

Tgt Ion	Ratio	Lower	Upper
94	100		
65	26.8	4.9	44.9
66	35.6	13.8	53.8



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





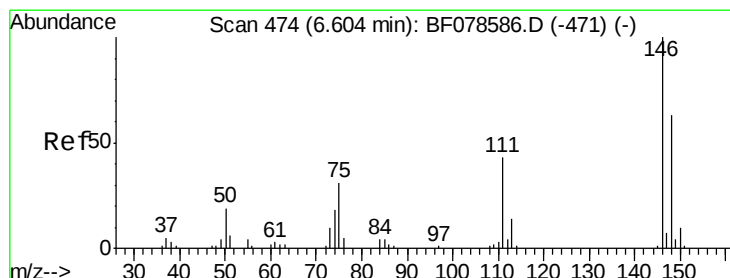
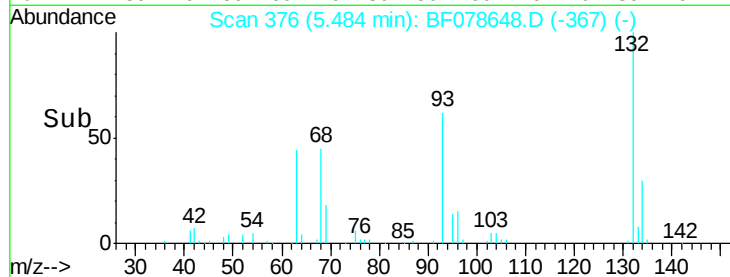
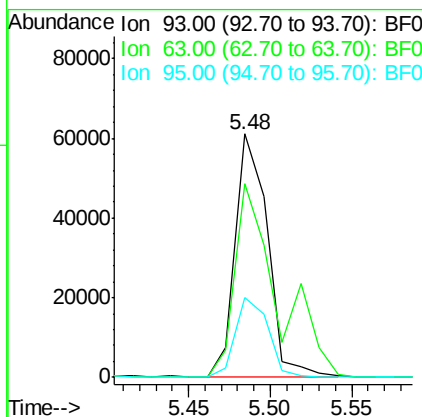
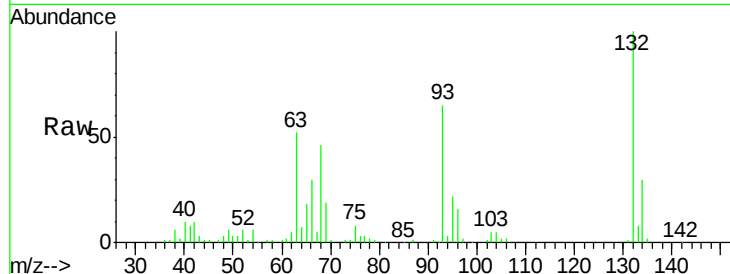
#11
bis(2-Chloroethyl)ether
Concen: 34.56 ng
RT: 5.48 min Scan# 376
Delta R.T. 0.00 min
Lab File: BF078648.D
Acq: 20 Apr 2015 17:07

Instrument :
BNA_F
ClientSampleId :
PB82874BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	83699		
63	79.8		54.6	94.6
95	32.9		13.6	53.6

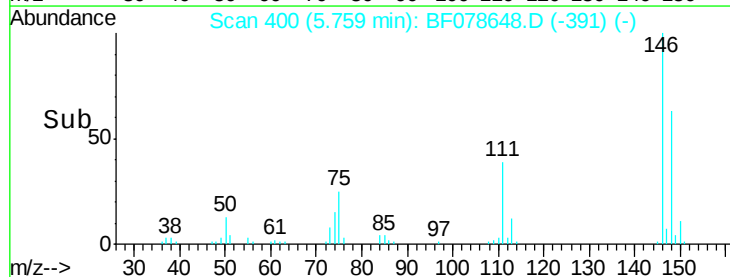
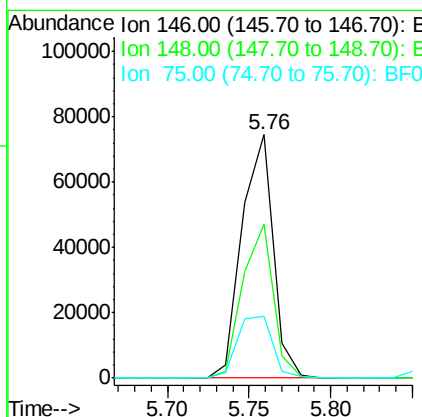
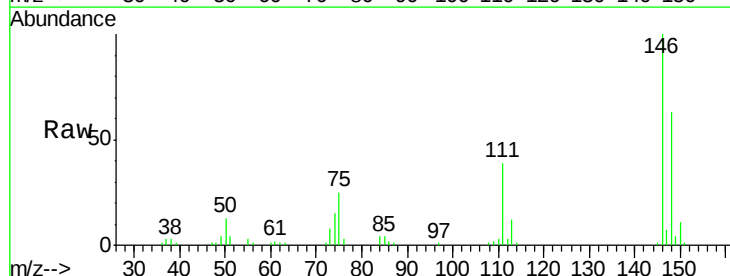
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#12
1,3-Dichlorobenzene
Concen: 33.93 ng
RT: 5.76 min Scan# 400
Delta R.T. 0.00 min
Lab File: BF078648.D
Acq: 20 Apr 2015 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	98857		
148	63.4		49.1	73.7
75	25.3		26.6	40.0#





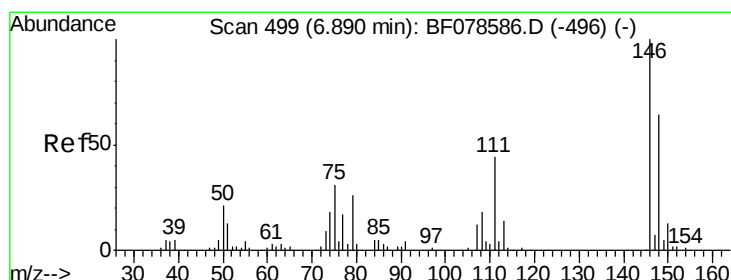
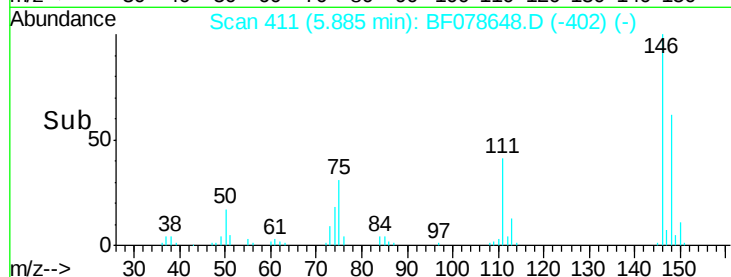
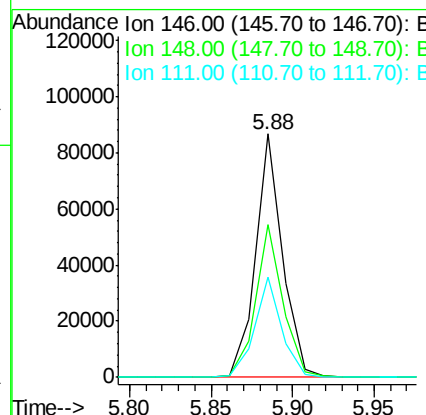
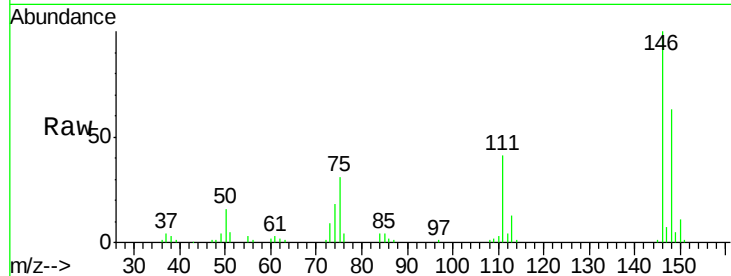
#13
 1,4-Dichlorobenzene
 Concen: 33.80 ng
 RT: 5.88 min Scan# 411
 Delta R.T. 0.00 min
 Lab File: BF078648.D
 Acq: 20 Apr 2015 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB82874BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.6	51.4	77.0
111	41.2	35.0	52.4

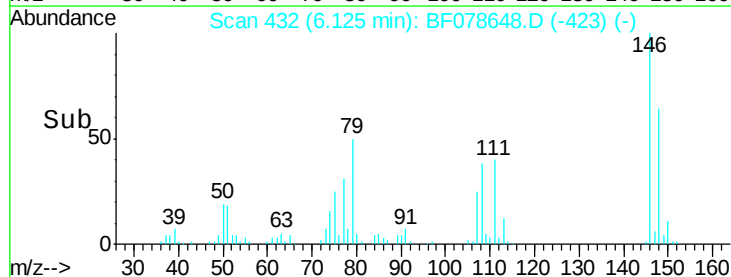
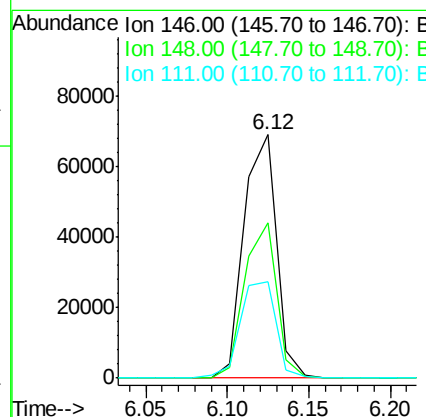
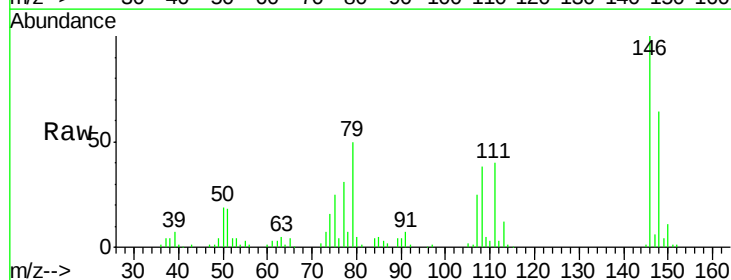
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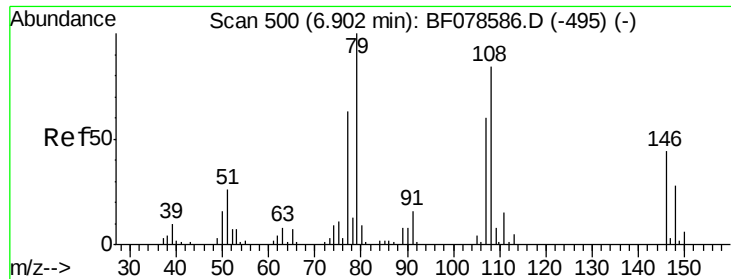
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#14
 1,2-Dichlorobenzene
 Concen: 34.75 ng
 RT: 6.12 min Scan# 432
 Delta R.T. 0.00 min
 Lab File: BF078648.D
 Acq: 20 Apr 2015 17:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.2	75.4
111	39.7	36.1	54.1





#15

Benzyl Alcohol

Concen: 39.46 ng

RT: 6.14 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF078648.D

Acq: 20 Apr 2015 17:07

Instrument :

BNA_F

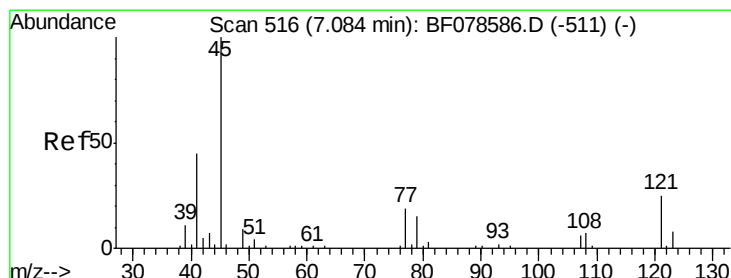
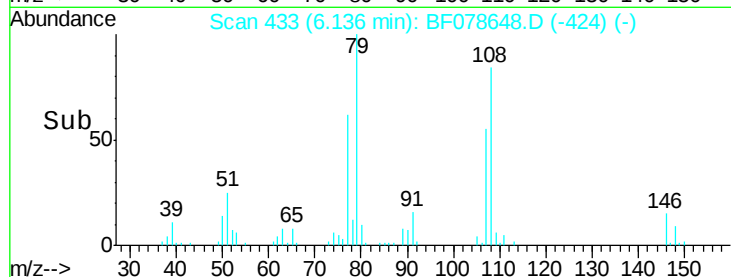
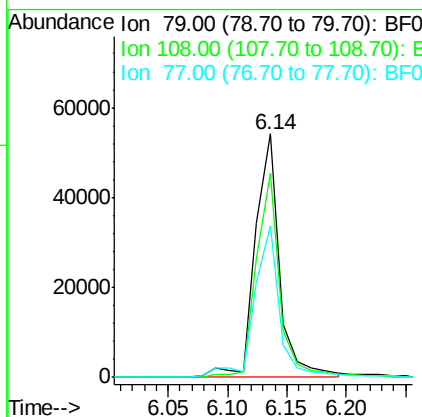
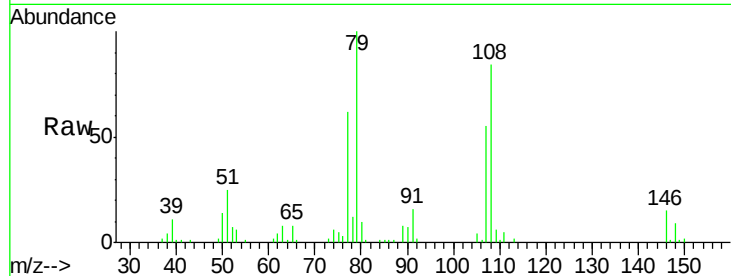
ClientSampleId :

PB82874BS

Tot Ion:	79	Resp:	77938
Ion Ratio	Lower	Upper	
79	100		
108	83.5	57.6	86.4
77	62.4	53.5	80.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.50 ng

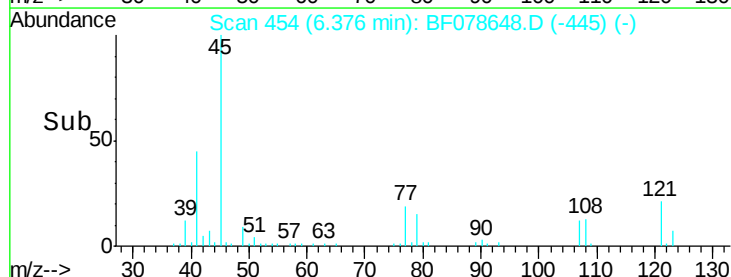
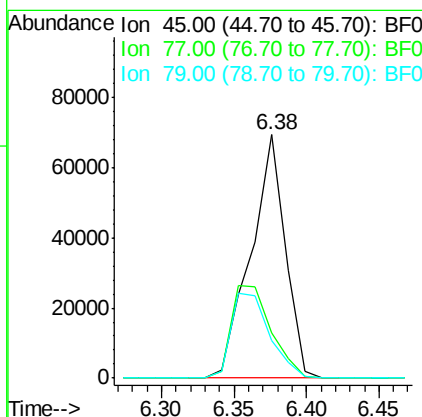
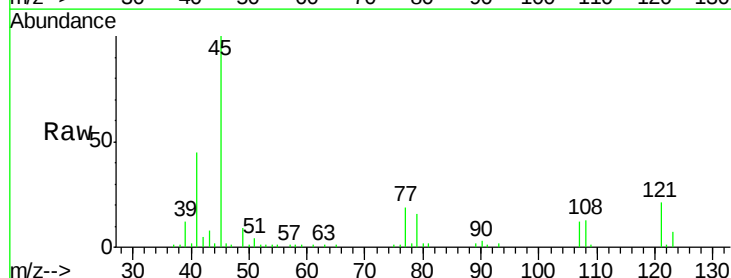
RT: 6.38 min Scan# 454

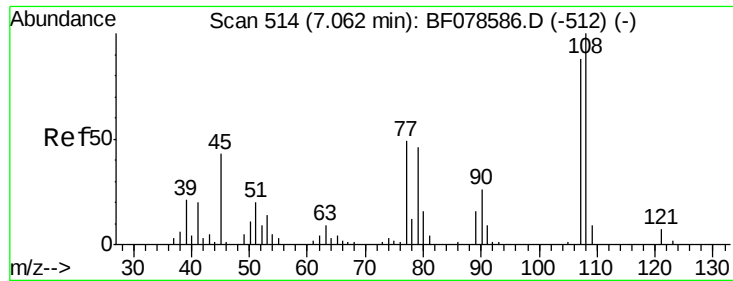
Delta R.T. 0.00 min

Lab File: BF078648.D

Acq: 20 Apr 2015 17:07

Tgt Ion:	45	Resp:	114683
Ion Ratio	Lower	Upper	
45	100		
77	18.6	0.0	34.5
79	15.6	0.0	31.9





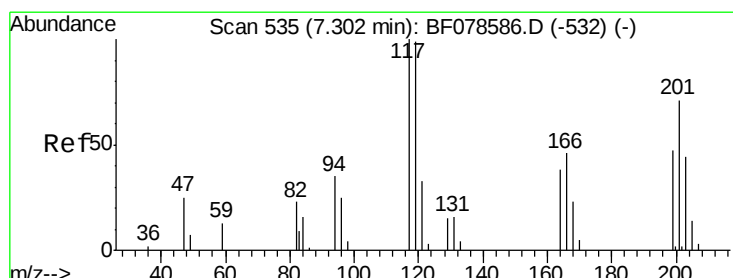
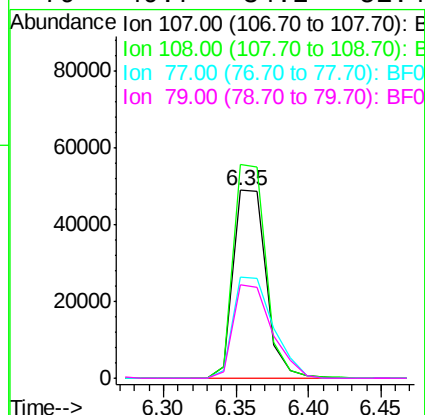
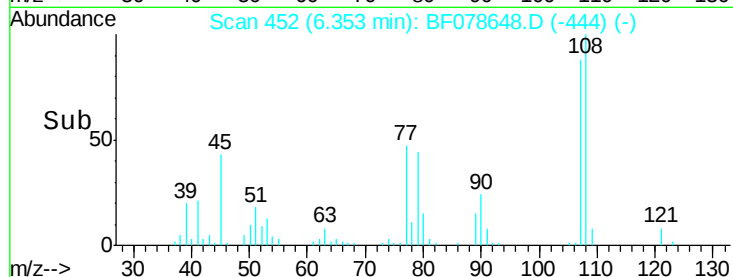
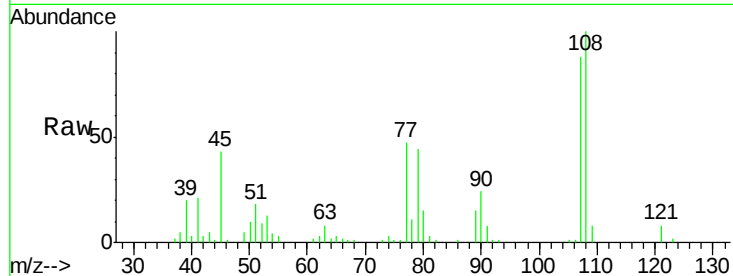
#17
2-Methylphenol
Concen: 37.28 ng
RT: 6.35 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF078648.D
Acq: 20 Apr 2015 17:07

Instrument :
BNA_F
ClientSampleId :
PB82874BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.6	90.3	135.5	
77	53.6	35.5	53.3	
79	49.7	34.2	51.4	

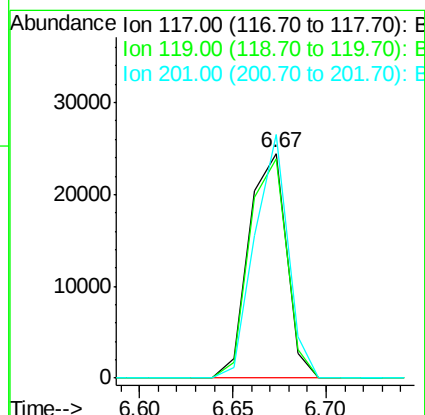
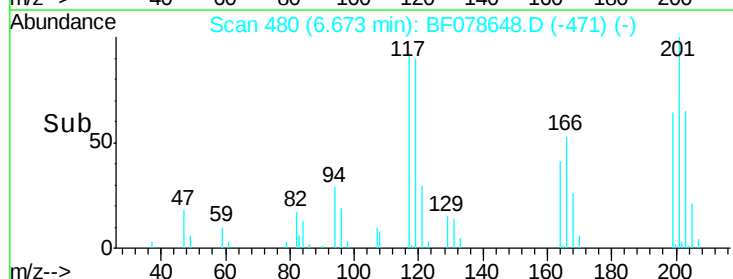
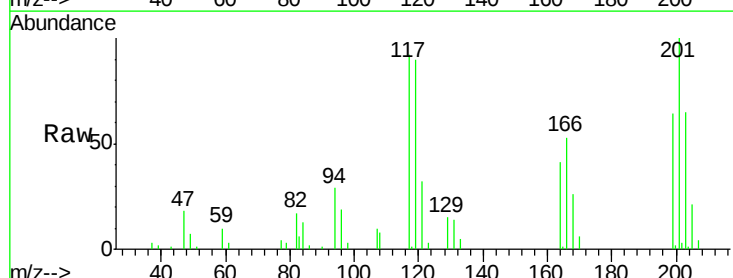
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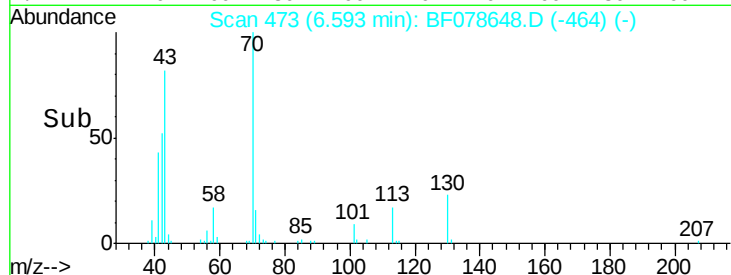
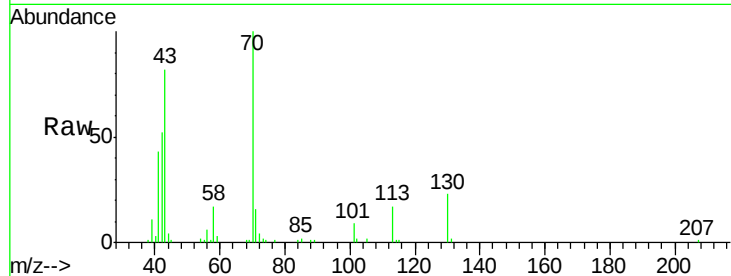
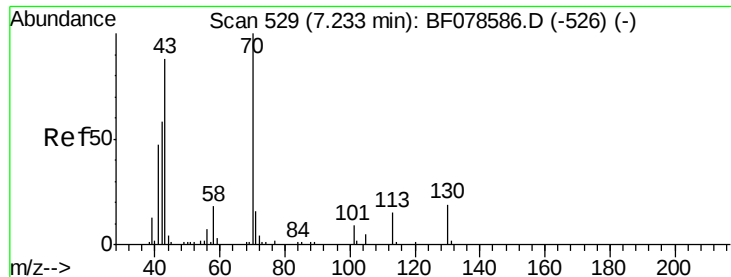
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#18
Hexachloroethane
Concen: 34.46 ng
RT: 6.67 min Scan# 480
Delta R.T. 0.00 min
Lab File: BF078648.D
Acq: 20 Apr 2015 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.8	77.0	115.6	
201	108.3	98.1	147.1	





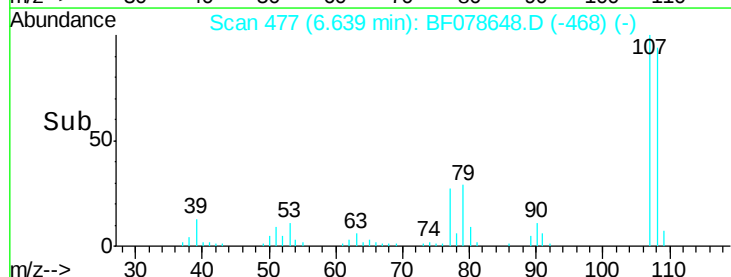
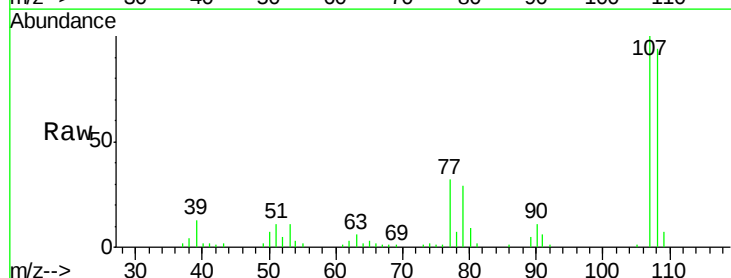
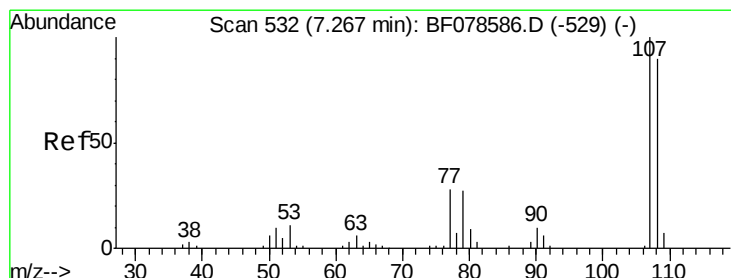
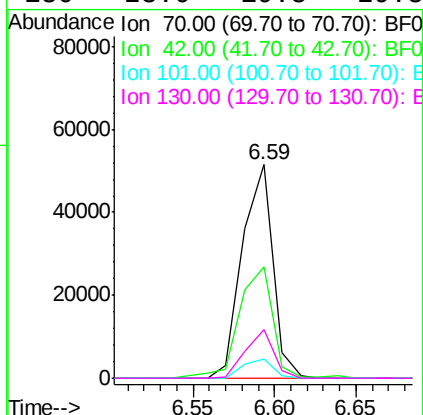
#19
n-Nitroso-di-n-propylamine
Concen: 36.09 ng
RT: 6.59 min Scan# 473
Delta R.T. 0.00 min
Lab File: BF078648.D
Acq: 20 Apr 2015 17:07

Instrument :
BNA_F
ClientSampleId :
PB82874BS

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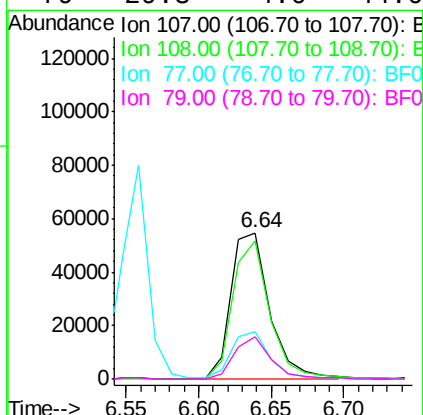
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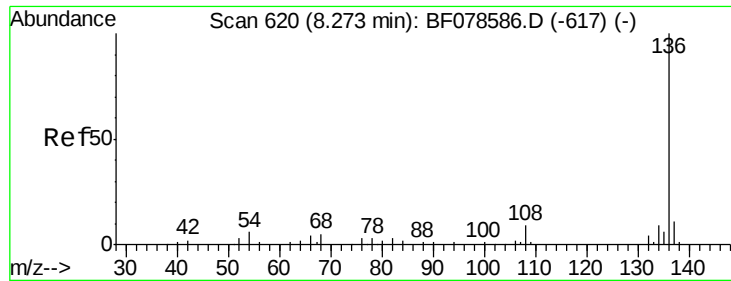
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	51.9	38.9	58.3	
101	9.1	8.3	12.5	
130	23.0	19.8	29.8	



#20
3+4-Methylphenols
Concen: 36.94 ng
RT: 6.64 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF078648.D
Acq: 20 Apr 2015 17:07

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	94.3	64.4	104.4	
77	32.4	9.7	49.7	
79	29.3	4.0	44.0	





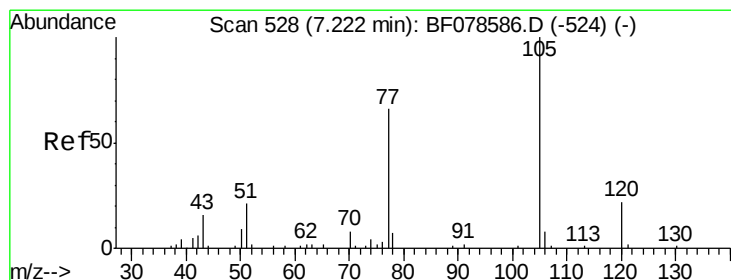
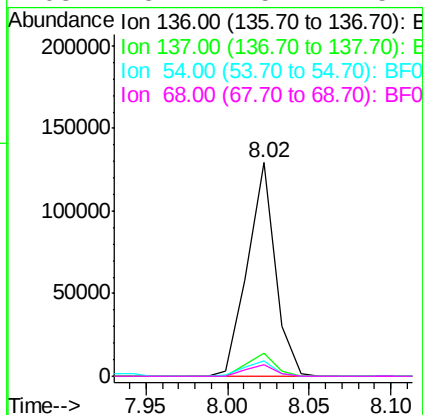
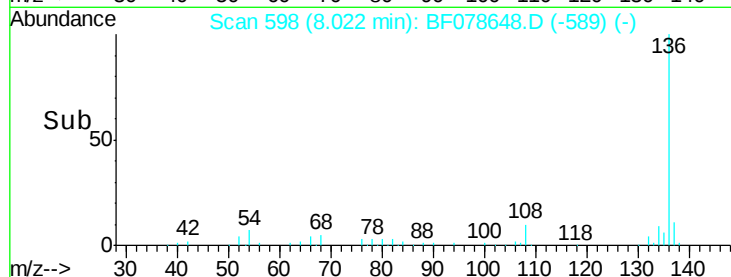
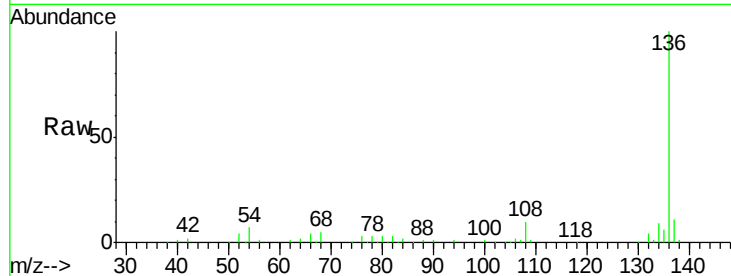
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 598
Delta R.T. 0.00 min
Lab File: BF078648.D
Acq: 20 Apr 2015 17:07

Instrument :
BNA_F
ClientSampleId :
PB82874BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.6	9.0	13.4
54	7.1	7.0	10.6
68	5.2	5.4	8.2#

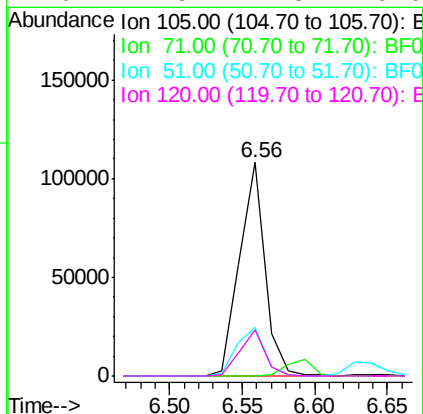
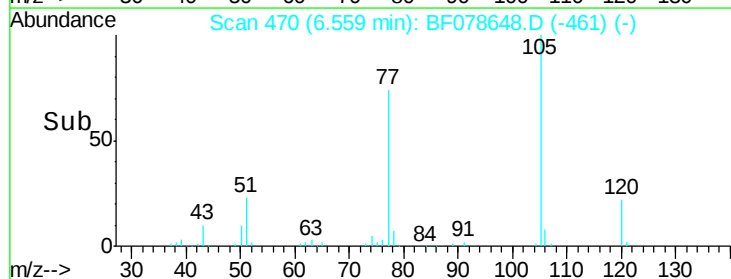
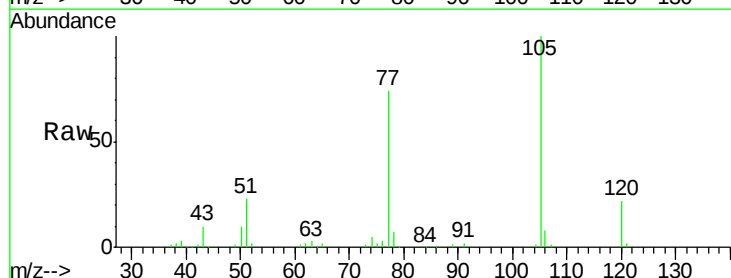
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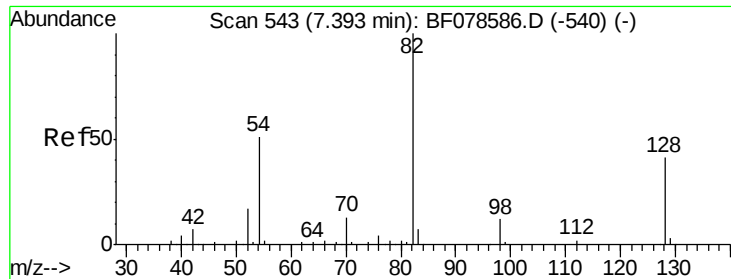
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#22
Acetophenone
Concen: 37.27 ng
RT: 6.56 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF078648.D
Acq: 20 Apr 2015 17:07

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	0.0	5.5	8.3#
51	22.7	16.0	24.0
120	21.5	17.8	26.6





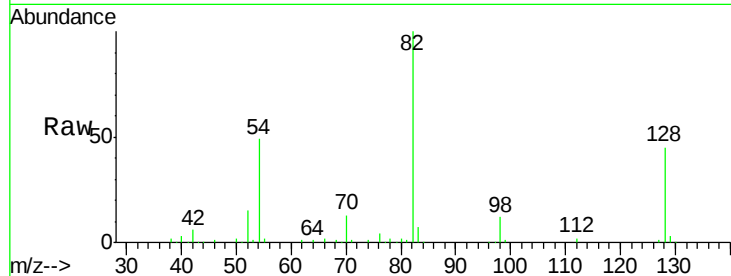
#23
Nitrobenzene-d5
Concen: 71.81 ng
RT: 6.80 min Scan# 491
Delta R.T. 0.00 min
Lab File: BF078648.D
Acq: 20 Apr 2015 17:07

Instrument :
BNA_F
ClientSampleId :
PB82874BS

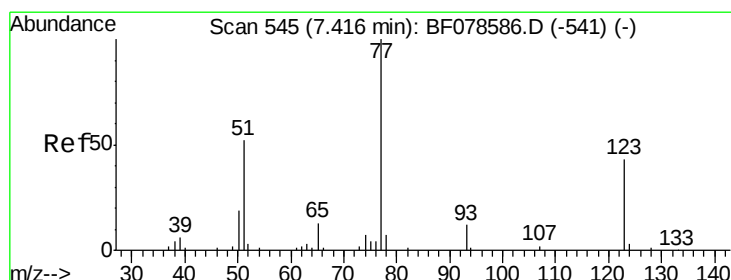
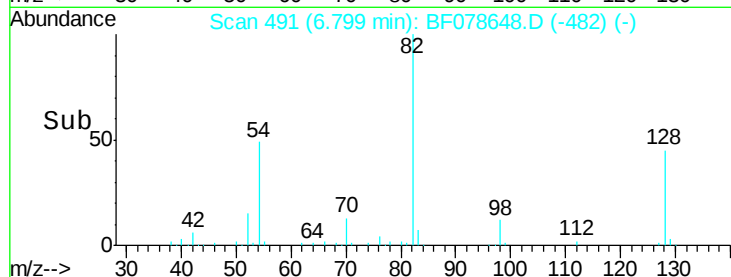
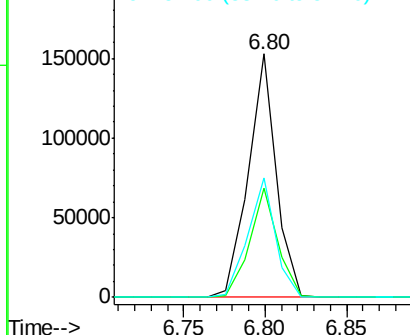
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.7	31.8	47.8	
54	49.1	41.5	62.3	

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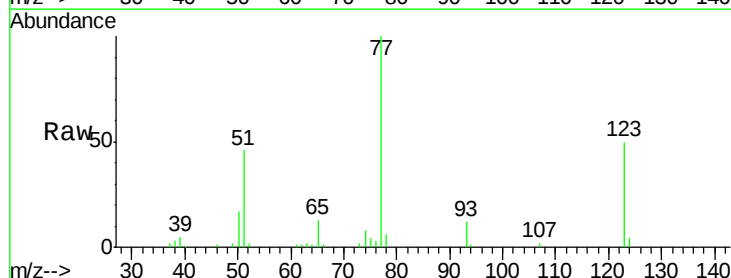


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

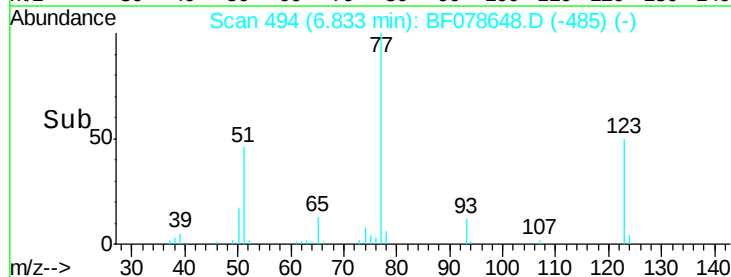
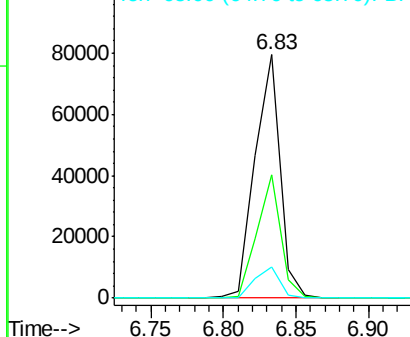


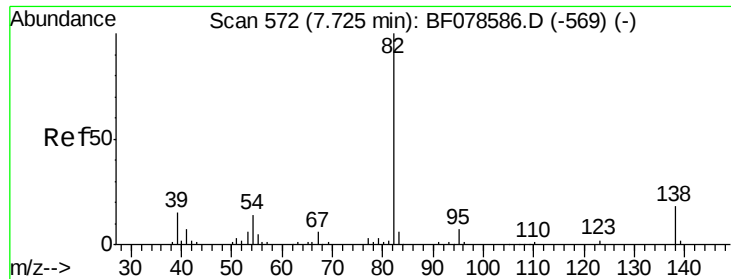
#24
Nitrobenzene
Concen: 36.35 ng
RT: 6.83 min Scan# 494
Delta R.T. 0.00 min
Lab File: BF078648.D
Acq: 20 Apr 2015 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	50.5	46.9	70.3	
65	12.7	9.5	14.3	



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: 36.17 ng

RT: 7.26 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF078648.D

Acq: 20 Apr 2015 17:07

Instrument :

BNA_F

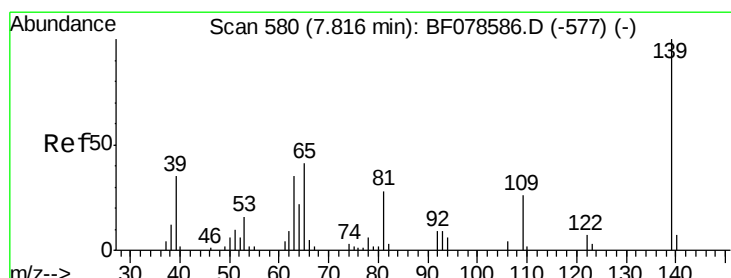
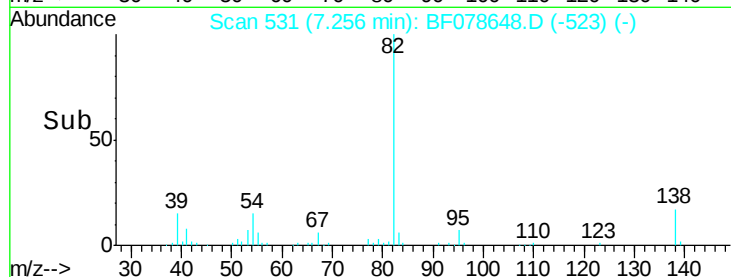
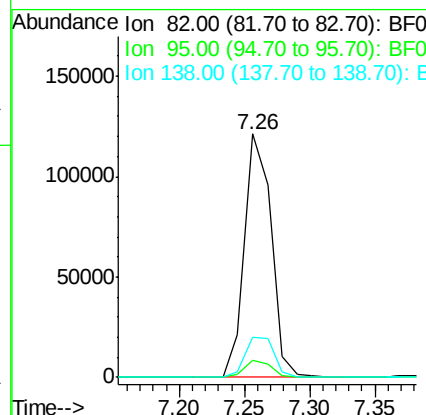
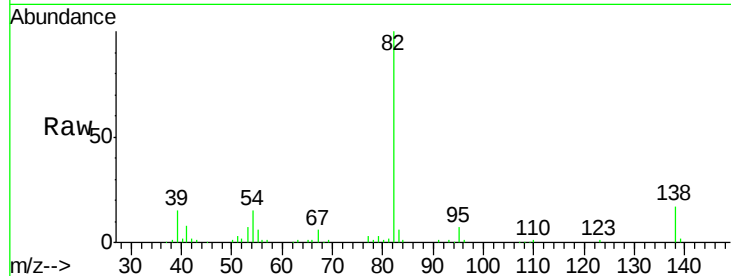
ClientSampleId :

PB82874BS

Tot Ion	82	Resp	172706
Ion Ratio	100	Lower	Upper
82	100		
95	7.1	5.7	8.5
138	16.6	15.8	23.8

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#26

2-Nitrophenol

Concen: 38.06 ng

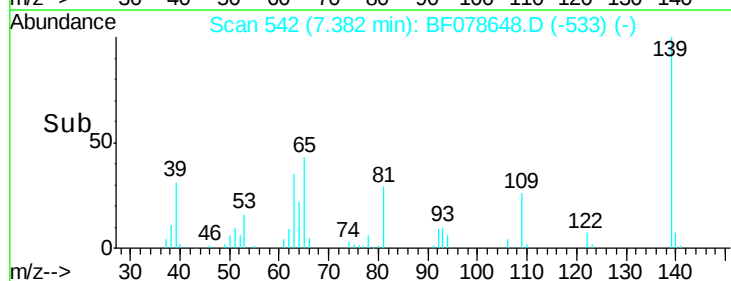
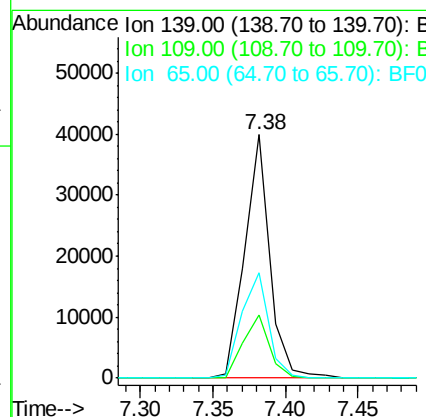
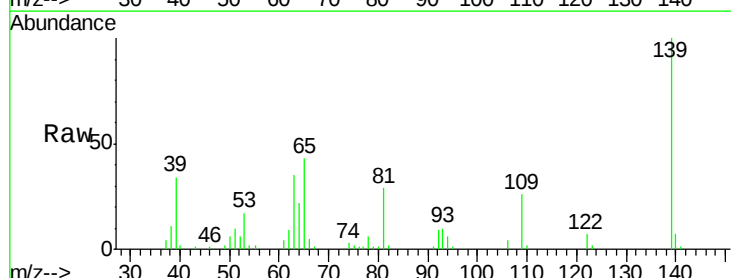
RT: 7.38 min Scan# 542

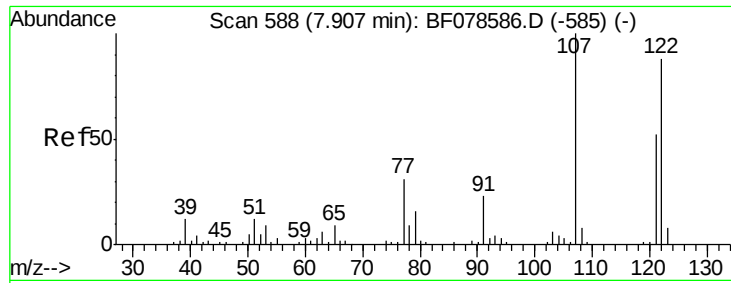
Delta R.T. 0.00 min

Lab File: BF078648.D

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Tgt Ion	139	Resp	47705
Ion Ratio	100	Lower	Upper
139	100		
109	25.7	19.8	29.8
65	43.2	32.7	49.1





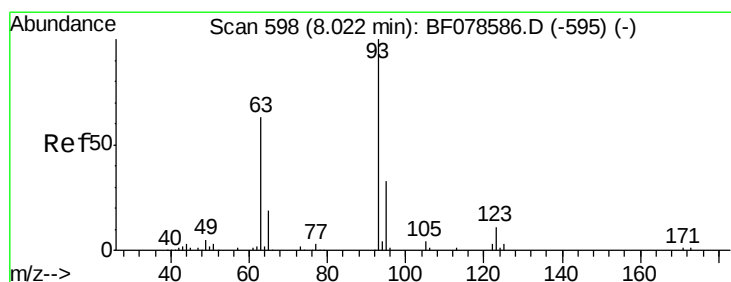
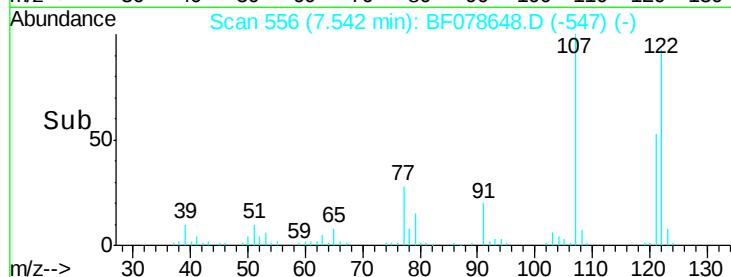
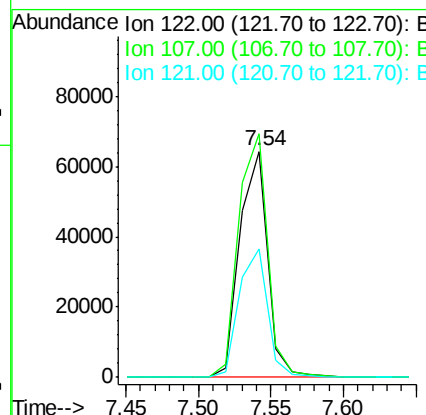
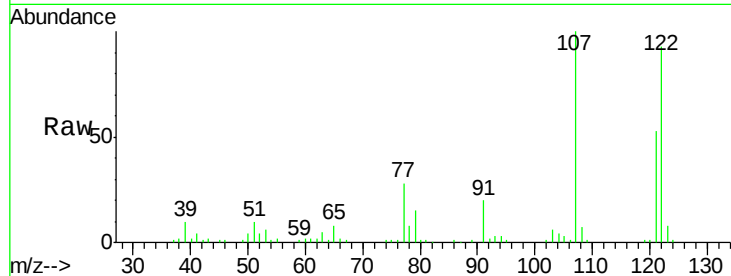
#27
 2,4-Dimethylphenol
 Concen: 36.74 ng
 RT: 7.54 min Scan# 556
 Delta R.T. 0.00 min
 Lab File: BF078648.D
 Acq: 20 Apr 2015 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB82874BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	85642		
107	107.9	84.6	127.0	
121	56.8	46.0	69.0	

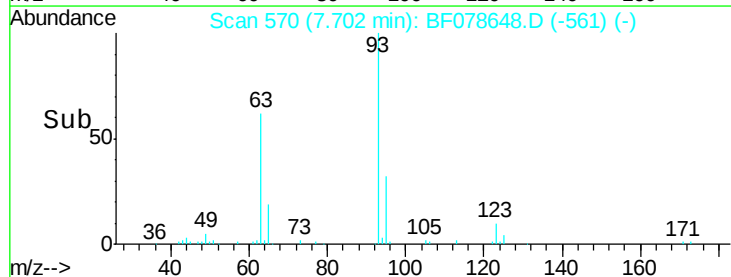
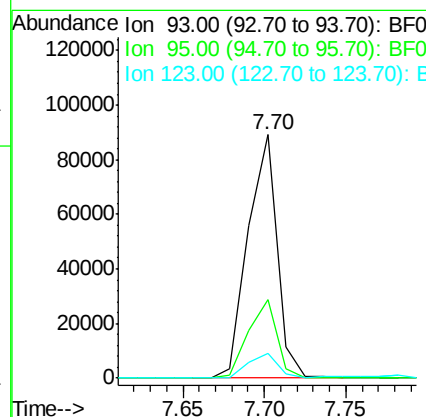
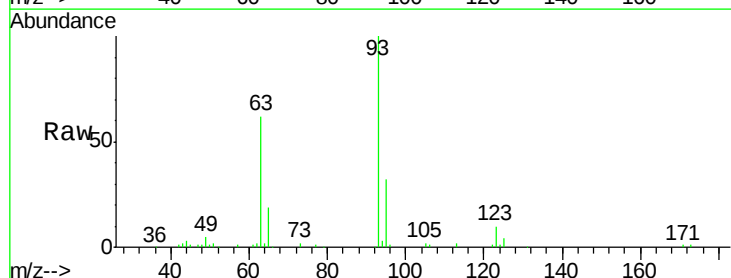
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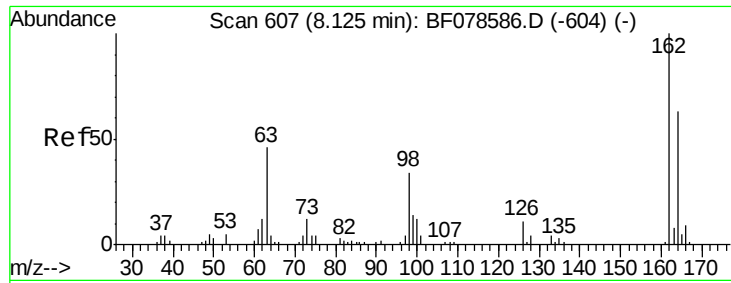
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#28
 bis(2-Chloroethoxy)methane
 Concen: 36.10 ng
 RT: 7.70 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: BF078648.D
 Acq: 20 Apr 2015 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	110531		
95	32.3	26.3	39.5	
123	10.3	9.1	13.7	





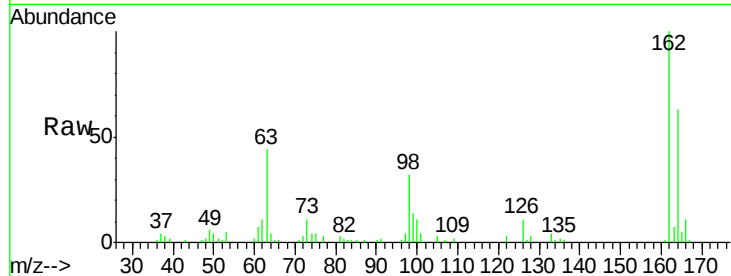
#29
 2,4-Dichlorophenol
 Concen: 39.03 ng
 RT: 7.83 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: BF078648.D
 Acq: 20 Apr 2015 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB82874BS

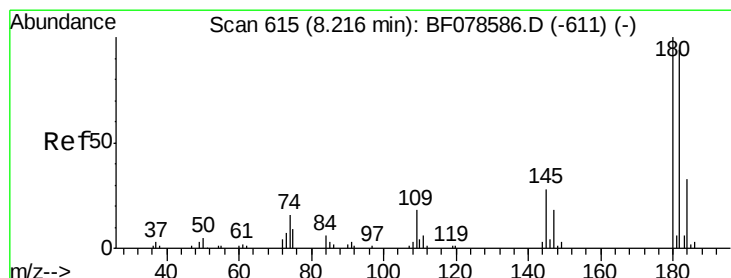
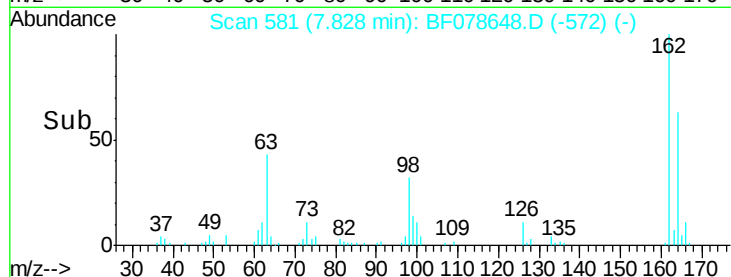
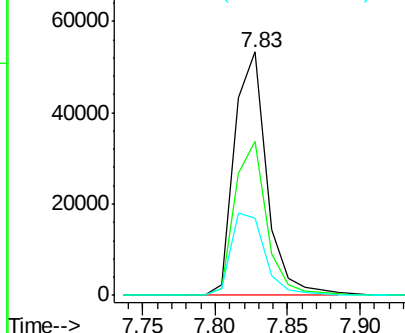
Tot Ion	Ratio	Resp	Lower	Upper
162	100	82756		
164	63.1	47.0	87.0	
98	31.9	9.2	49.2	

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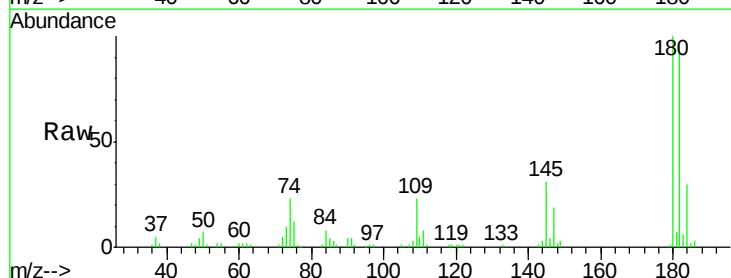


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

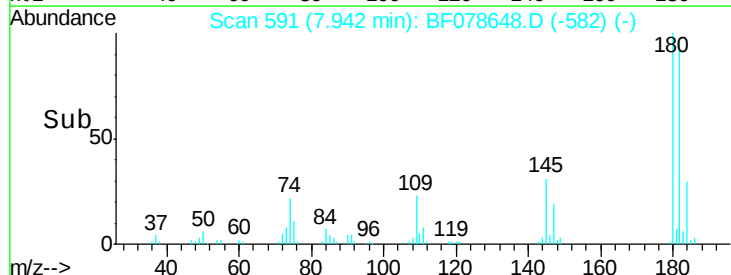
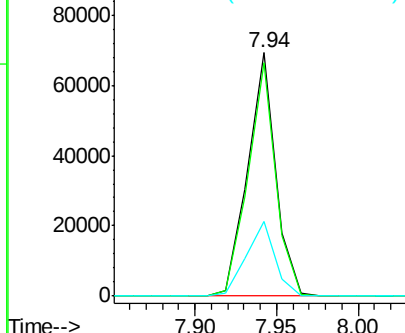


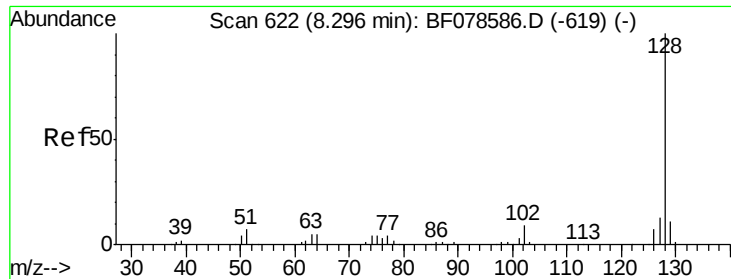
#30
 1,2,4-Trichlorobenzene
 Concen: 33.81 ng
 RT: 7.94 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF078648.D
 Acq: 20 Apr 2015 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	82199		
182	95.9	76.9	115.3	
145	30.5	22.5	33.7	



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





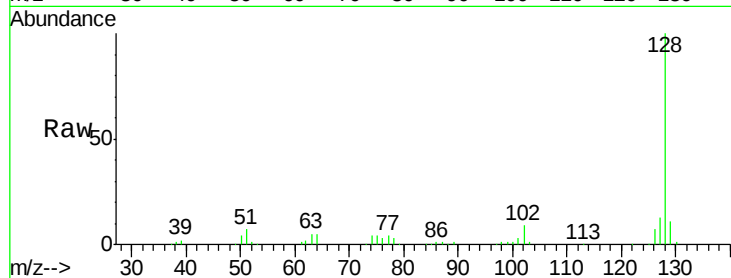
#31
Naphthalene
Concen: 34.08 ng
RT: 8.06 min Scan# 601
Delta R.T. 0.00 min
Lab File: BF078648.D
Acq: 20 Apr 2015 17:07

Instrument :
BNA_F
ClientSampleId :
PB82874BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	12.8
127	13.0	10.7	16.1

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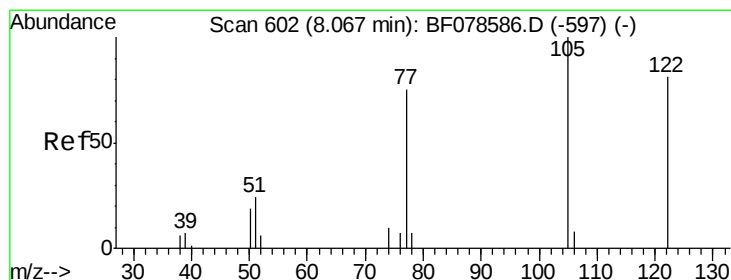
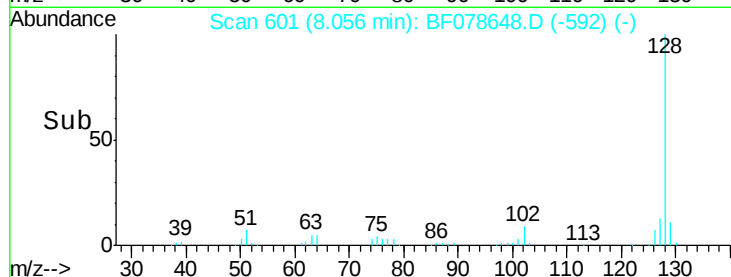
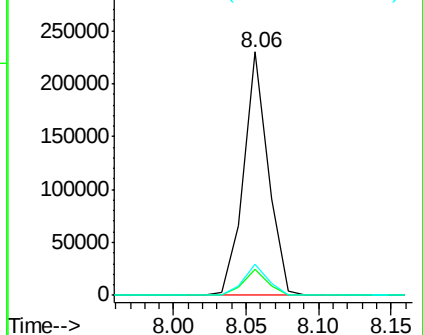


Abundance

Ion 128.00 (127.70 to 128.70): E

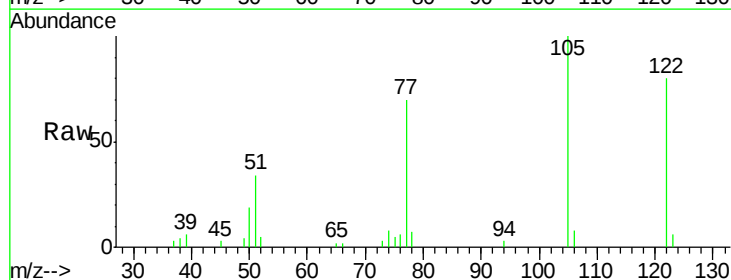
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 42.87 ng m
RT: 7.78 min Scan# 577
Delta R.T. -0.01 min
Lab File: BF078648.D
Acq: 20 Apr 2015 17:07

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.2	96.1	136.1
77	88.0	64.1	104.1

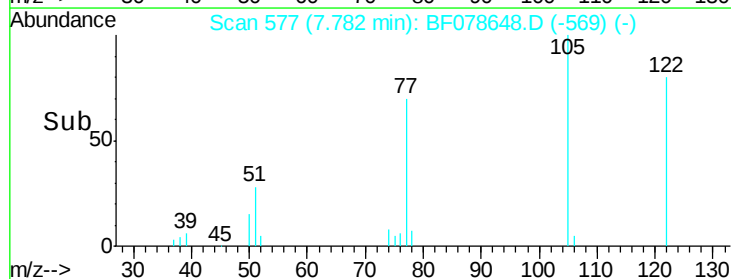
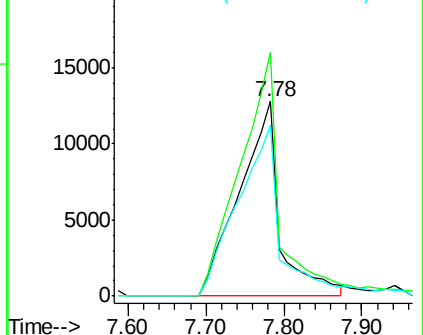


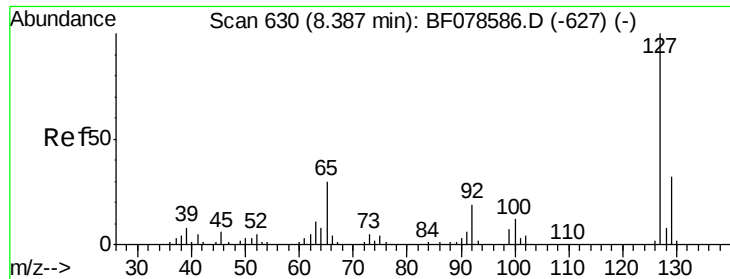
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





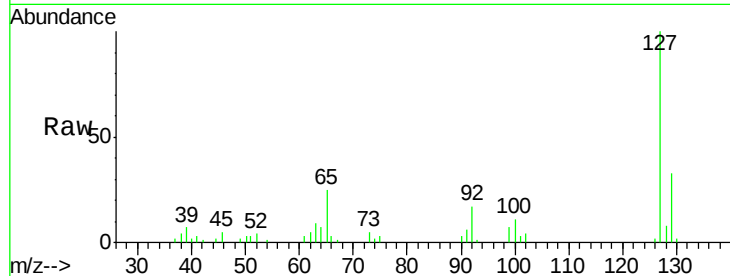
#33
4-Chloroaniline
Concen: 15.89 ng
RT: 8.22 min Scan# 615
Delta R.T. 0.00 min
Lab File: BF078648.D
Acq: 20 Apr 2015 17:07

Instrument :
BNA_F
ClientSampleId :
PB82874BS

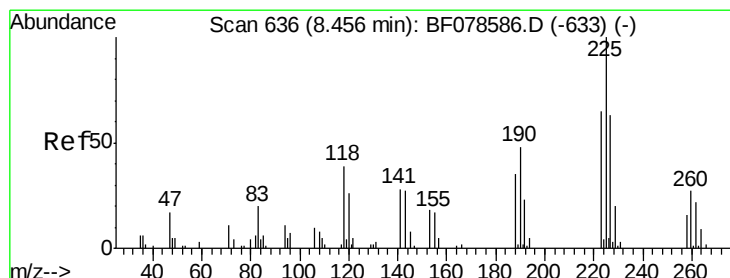
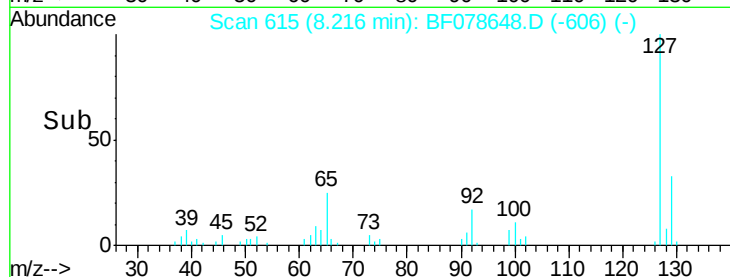
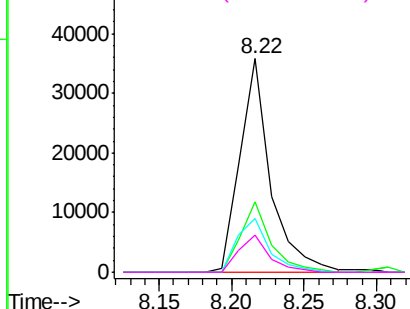
Tot Ion:	127	Resp:	52345
Ion Ratio	Lower	Upper	
127	100		
129	32.9	25.5	38.3
65	25.1	21.7	32.5
92	17.3	14.6	21.8

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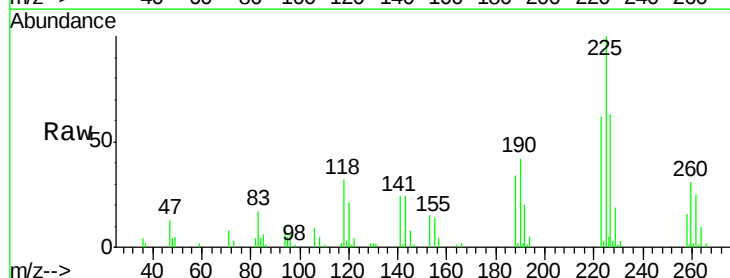


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

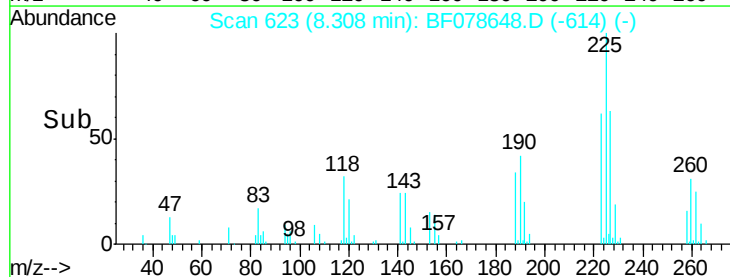
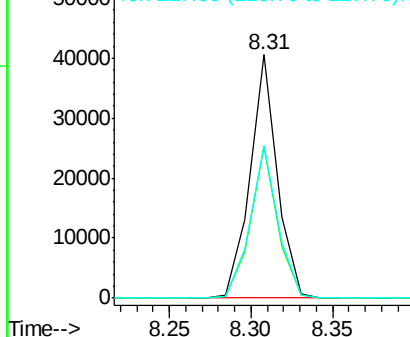


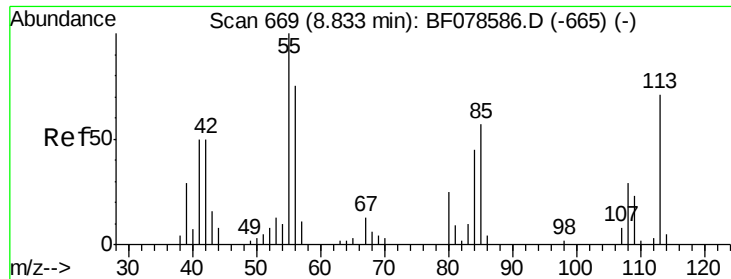
#34
Hexachlorobutadiene
Concen: 35.19 ng
RT: 8.31 min Scan# 623
Delta R.T. 0.00 min
Lab File: BF078648.D
Acq: 20 Apr 2015 17:07

Tgt Ion:	225	Resp:	46979
Ion Ratio	Lower	Upper	
225	100		
223	62.2	47.5	71.3
227	62.7	50.2	75.2



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





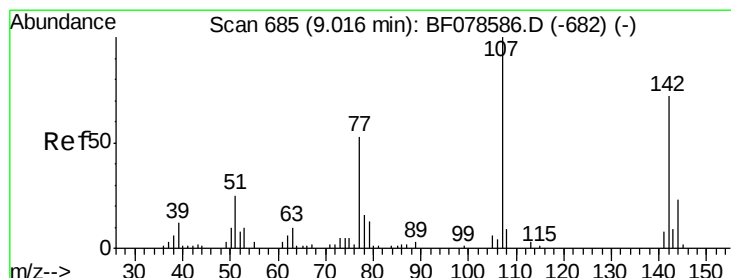
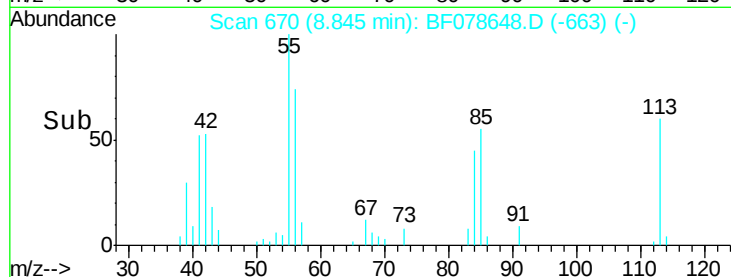
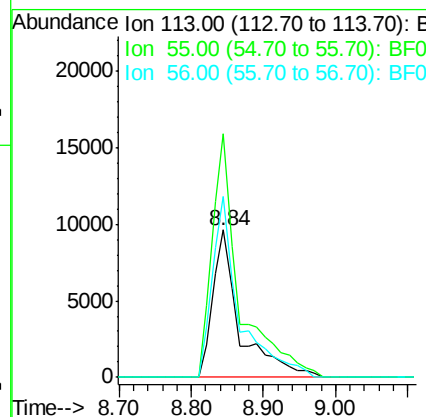
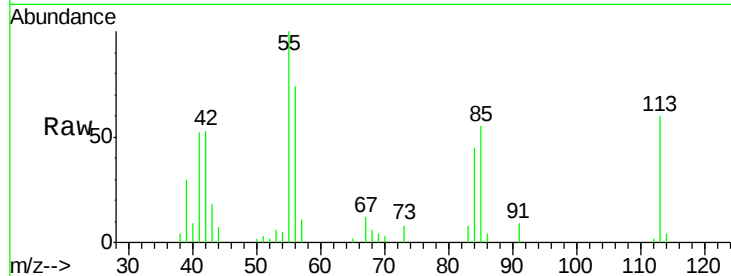
#35
 Caprolactam
 Concen: 39.44 ng/ml
 RT: 8.84 min Scan# 670
 Delta R.T. -0.02 min
 Lab File: BF078648.D
 Acq: 20 Apr 2015 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB82874BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	165.4	151.9	191.9
56	123.2	106.1	146.1

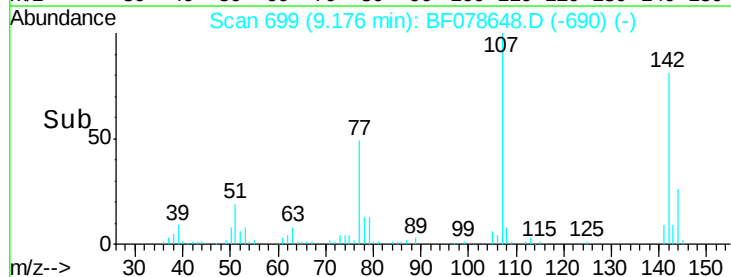
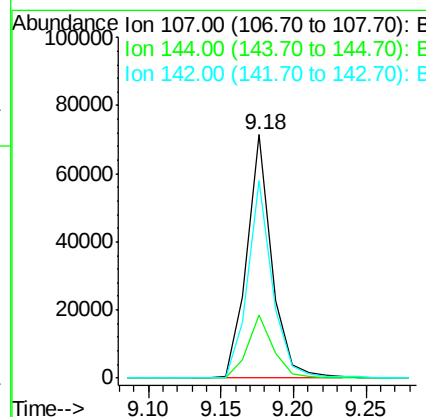
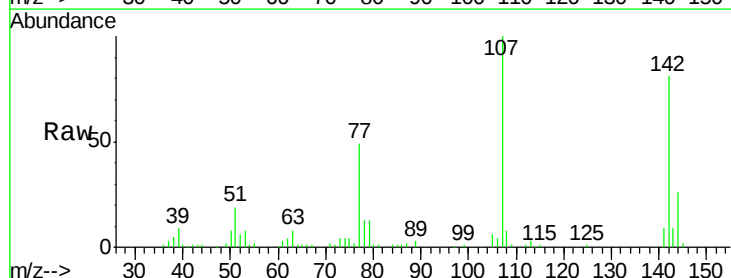
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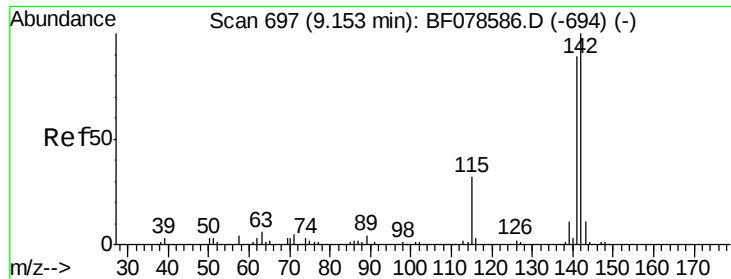
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#36
 4-Chloro-3-methylphenol
 Concen: 40.04 ng
 RT: 9.18 min Scan# 699
 Delta R.T. 0.00 min
 Lab File: BF078648.D
 Acq: 20 Apr 2015 17:07

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.9	18.2	27.2
142	81.3	58.0	87.0





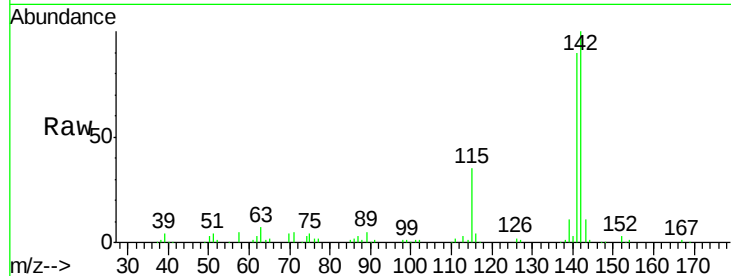
#37
2-Methylnaphthalene
Concen: 34.92 ng
RT: 9.31 min Scan# 711
Delta R.T. -0.01 min
Lab File: BF078648.D
Acq: 20 Apr 2015 17:07

Instrument :
BNA_F
ClientSampleId :
PB82874BS

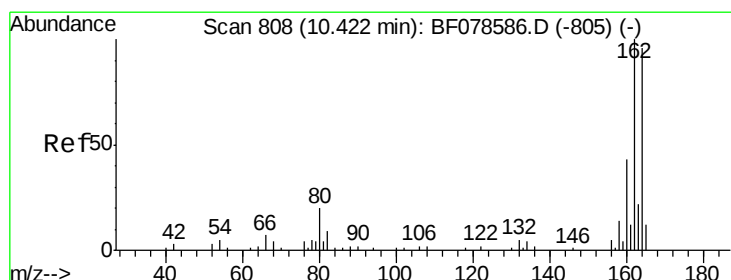
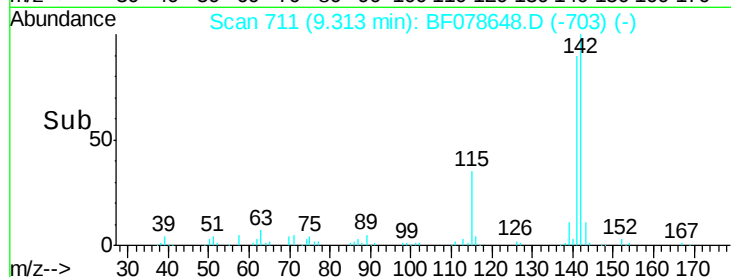
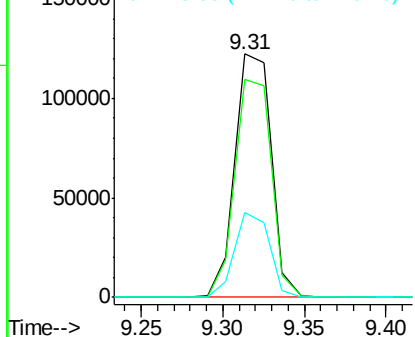
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.3	105.5
115	34.7	24.6	37.0

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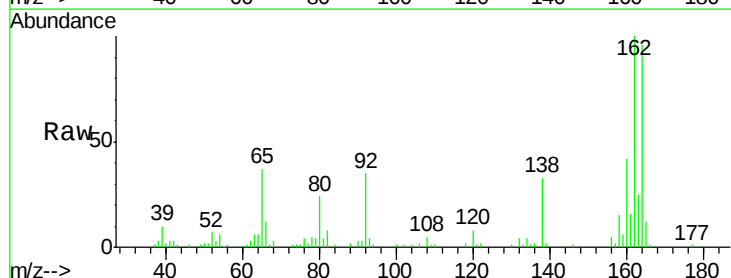


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

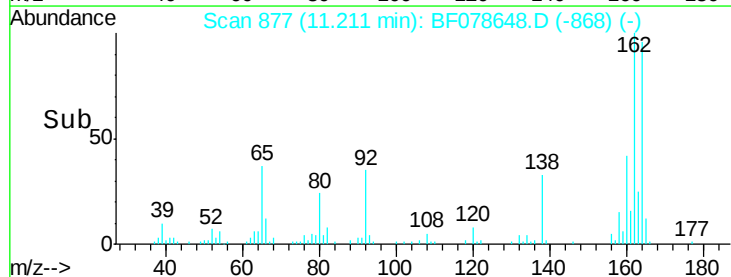
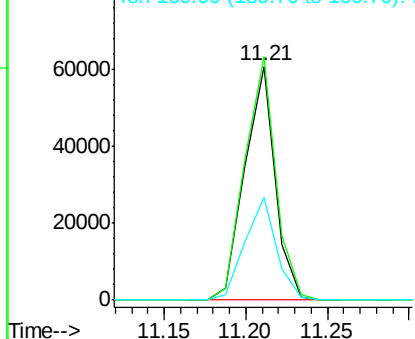


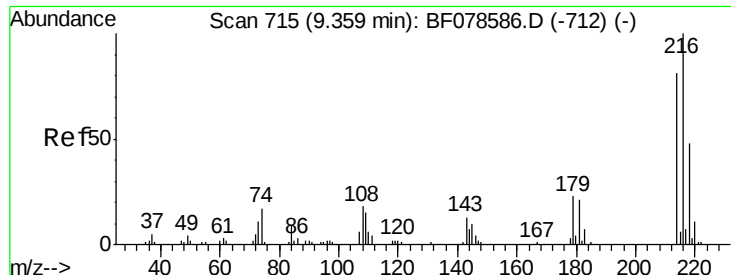
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 877
Delta R.T. 0.00 min
Lab File: BF078648.D
Acq: 20 Apr 2015 17:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	82.2	123.2
160	43.8	34.7	52.1



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





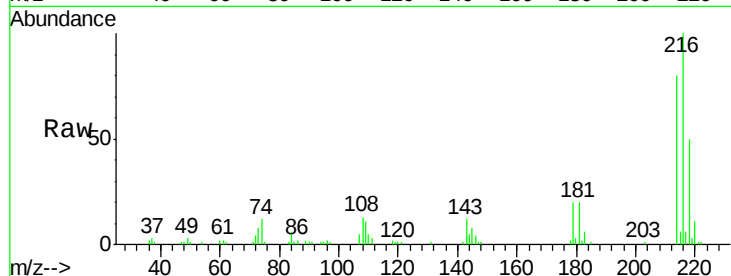
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.73 ng
 RT: 9.63 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF078648.D
 Acq: 20 Apr 2015 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB82874BS

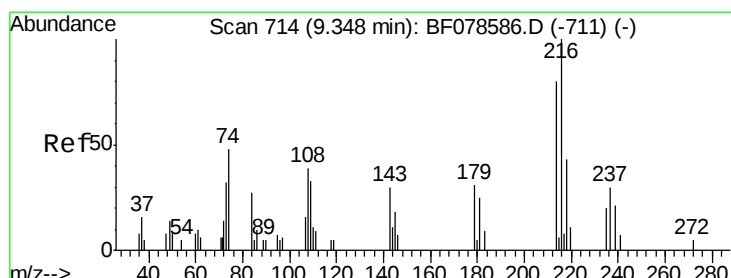
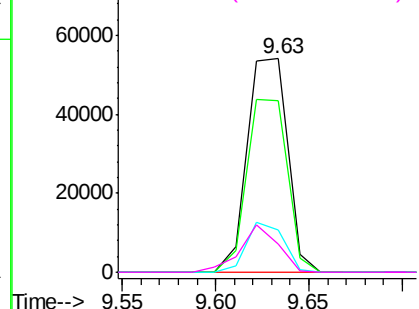
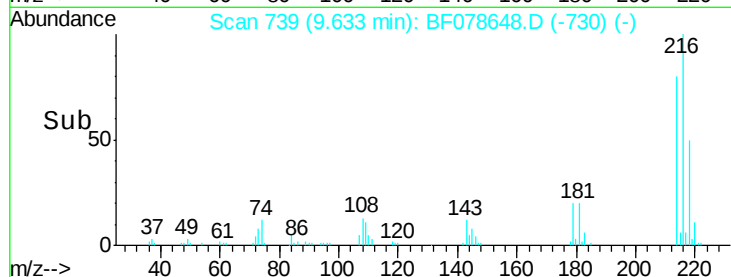
Tot Ion:	216	Resp:	81607
Ion Ratio	Lower	Upper	
216	100		
214	81.0	62.0	93.0
179	21.9	17.3	25.9
108	20.8	14.6	21.8

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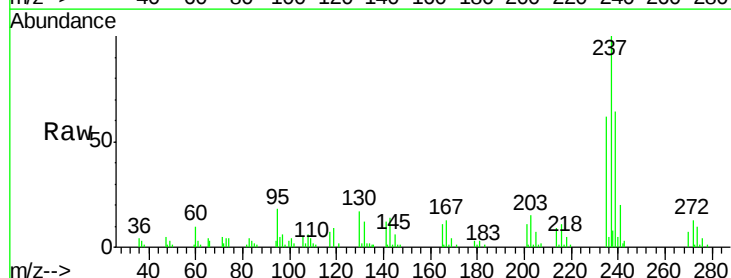


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

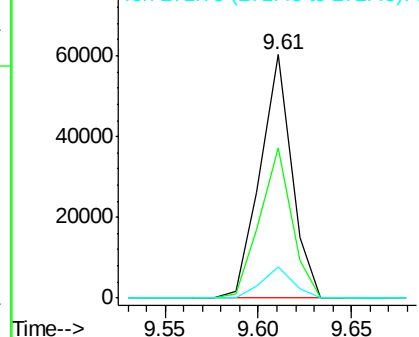
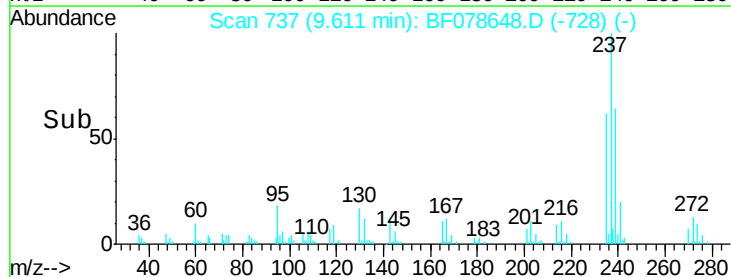


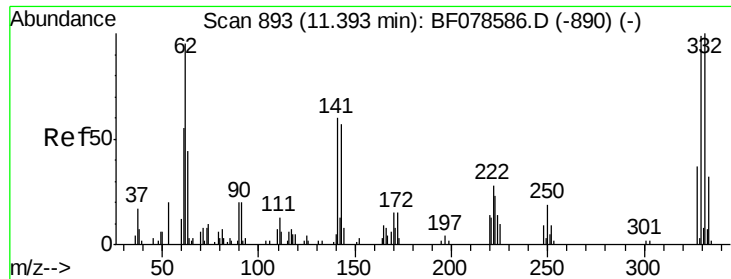
#40
 Hexachlorocyclopentadiene
 Concen: 68.76 ng
 RT: 9.61 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BF078648.D
 Acq: 20 Apr 2015 17:07

Tgt Ion:	237	Resp:	70524
Ion Ratio	Lower	Upper	
237	100		
235	61.8	44.1	84.1
272	12.6	0.0	34.4



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





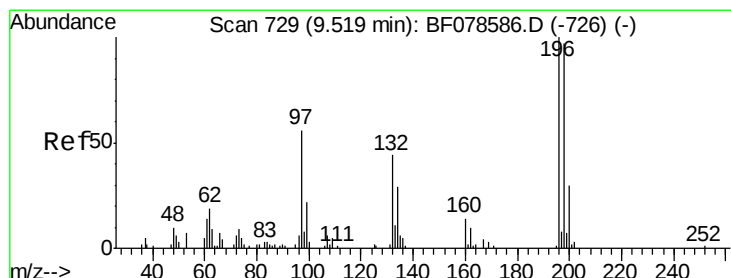
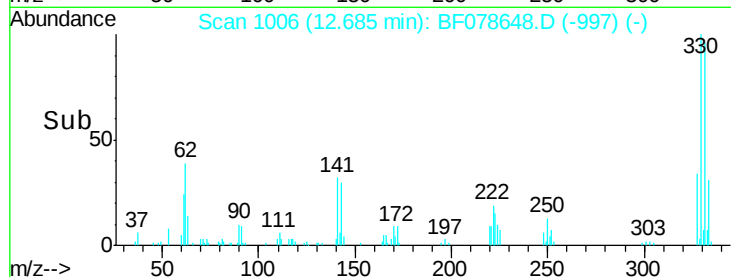
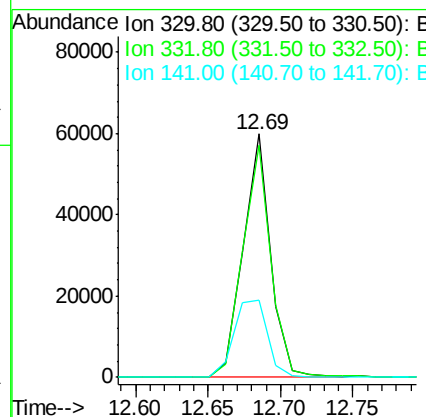
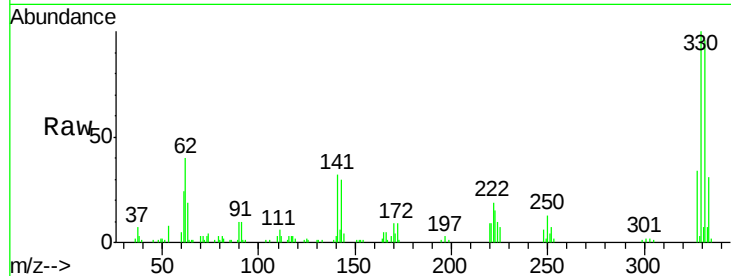
#41
 2,4,6-Tribromophenol
 Concen: 121.05 ng
 RT: 12.69 min Scan# 1006
 Delta R.T. 0.00 min
 Lab File: BF078648.D
 Acq: 20 Apr 2015 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB82874BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.3	78.6	117.8	
141	39.0	31.2	46.8	

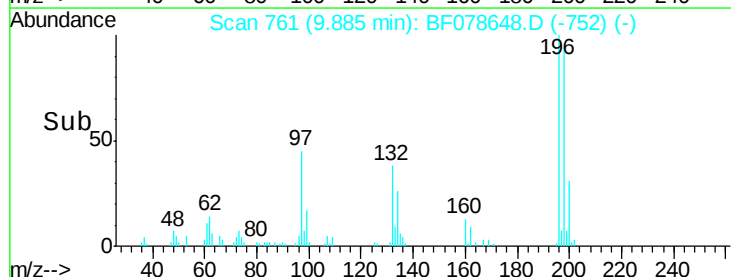
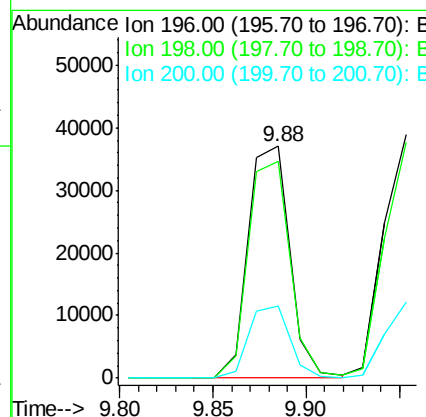
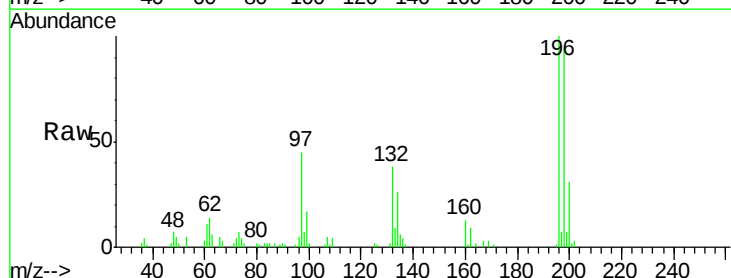
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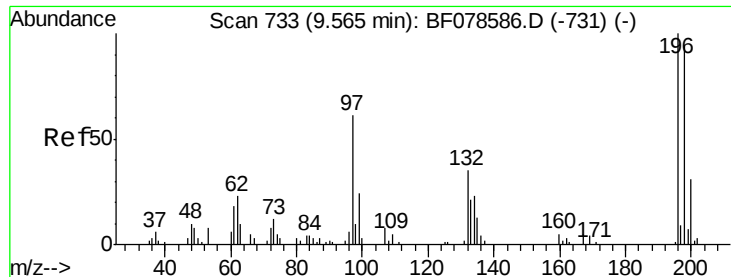
apatel
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#42
 2,4,6-Trichlorophenol
 Concen: 37.56 ng
 RT: 9.88 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BF078648.D
 Acq: 20 Apr 2015 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	93.5	75.4	113.2	
200	31.0	24.0	36.0	





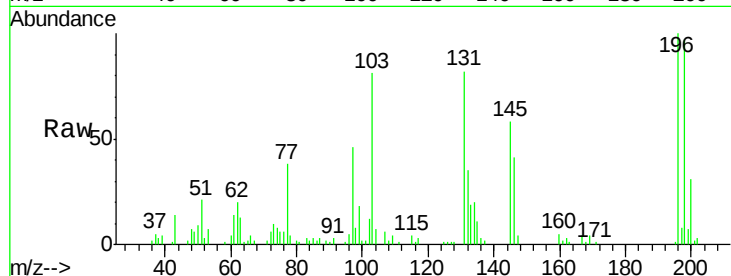
#43
2,4,5-Trichlorophenol
Concen: 35.94 ng
RT: 9.95 min Scan# 767
Delta R.T. 0.00 min
Lab File: BF078648.D
Acq: 20 Apr 2015 17:07

Instrument :
BNA_F
ClientSampleId :
PB82874BS

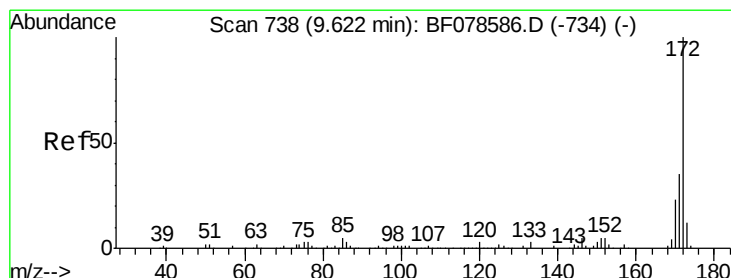
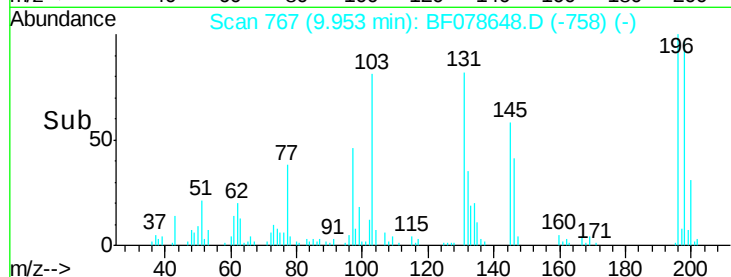
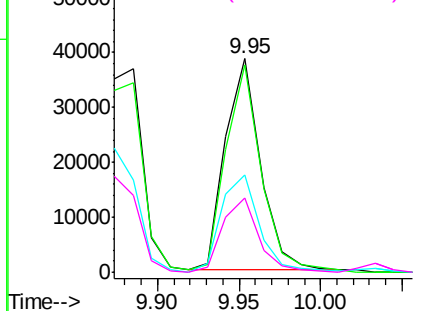
Tot Ion:	196	Resp:	57283
Ion Ratio	Lower	Upper	
196	100		
198	97.1	76.6	115.0
97	45.7	50.6	75.8#
132	34.6	27.7	41.5

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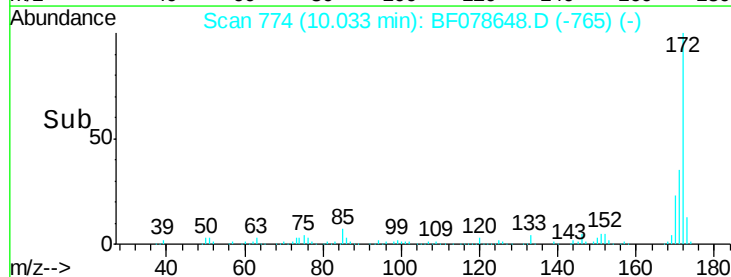
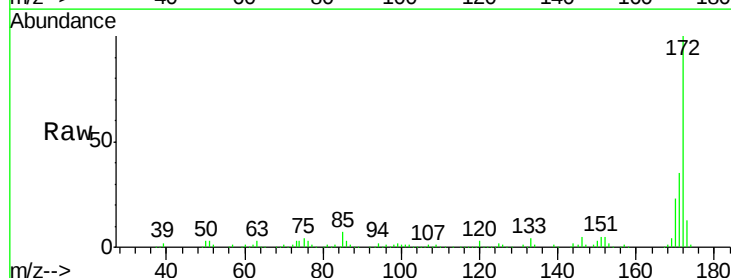
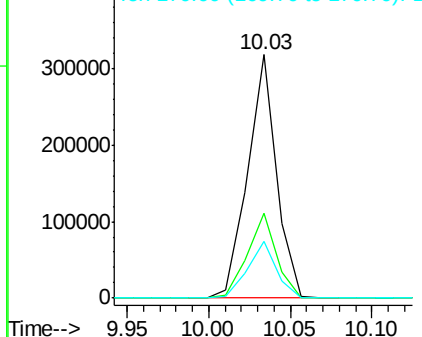
Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

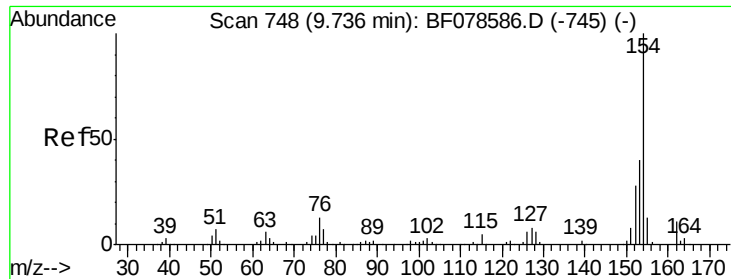


#44
2-Fluorobiphenyl
Concen: 71.30 ng
RT: 10.03 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF078648.D
Acq: 20 Apr 2015 17:07

Tgt Ion:	172	Resp:	389430
Ion Ratio	Lower	Upper	
172	100		
171	34.9	28.6	42.8
170	23.3	18.5	27.7

Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





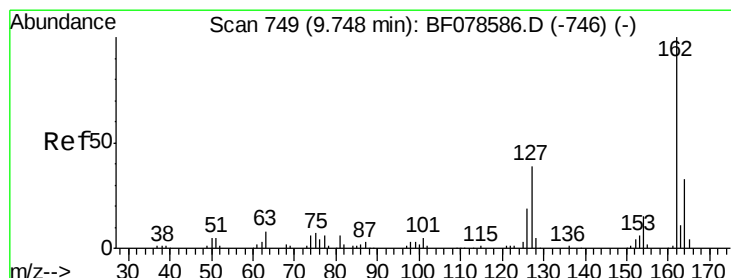
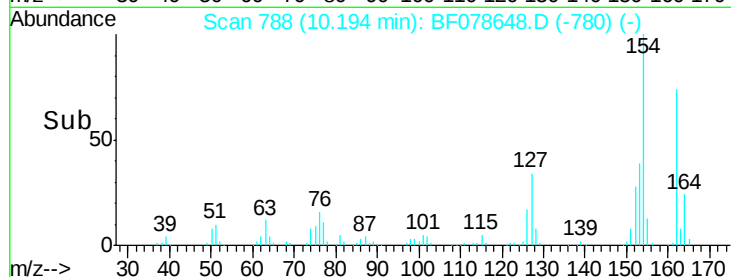
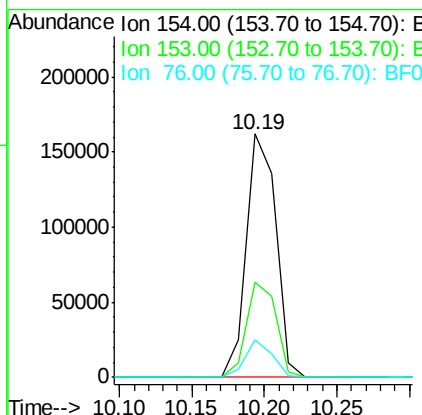
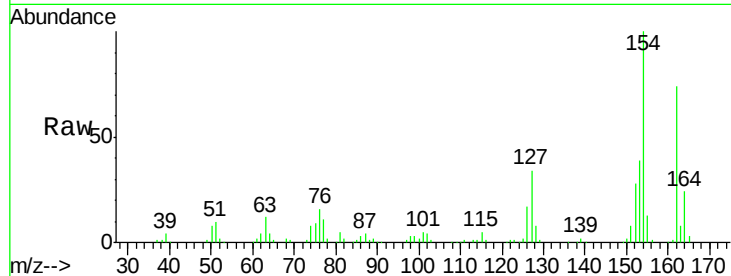
#45
 1,1'-Biphenyl
 Concen: 35.80 ng
 RT: 10.19 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF078648.D
 Acq: 20 Apr 2015 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB82874BS

Tot Ion:	154	Resp:	228639
Ion Ratio	Lower	Upper	
154	100		
153	39.0	20.0	60.0
76	15.5	0.0	30.6

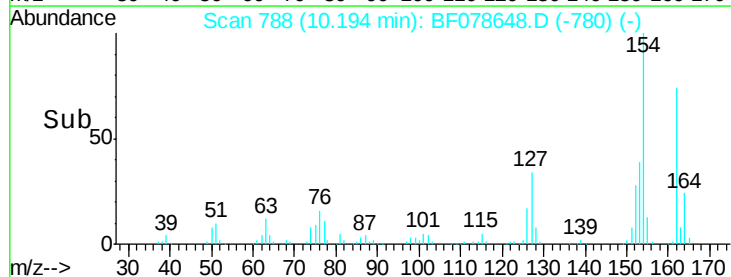
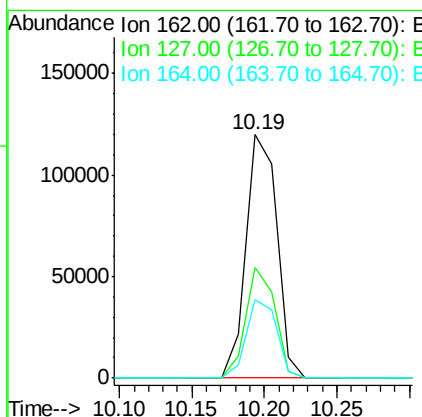
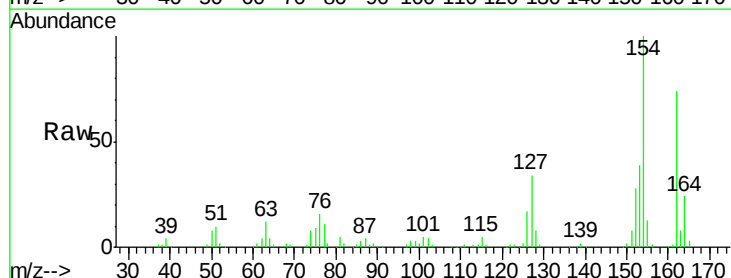
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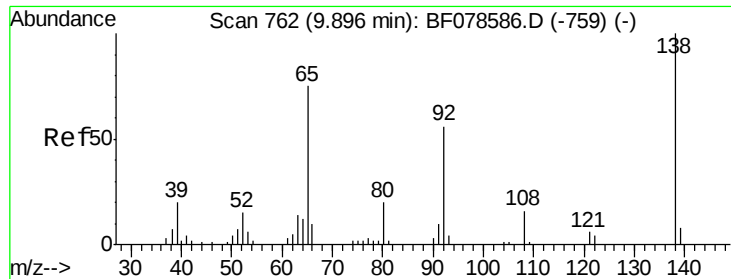
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#46
 2-Chloronaphthalene
 Concen: 35.24 ng
 RT: 10.19 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF078648.D
 Acq: 20 Apr 2015 17:07

Tgt Ion:	162	Resp:	177067
Ion Ratio	Lower	Upper	
162	100		
127	45.4	32.6	49.0
164	32.1	26.0	39.0





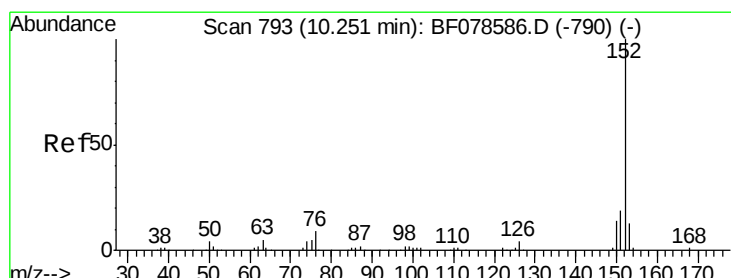
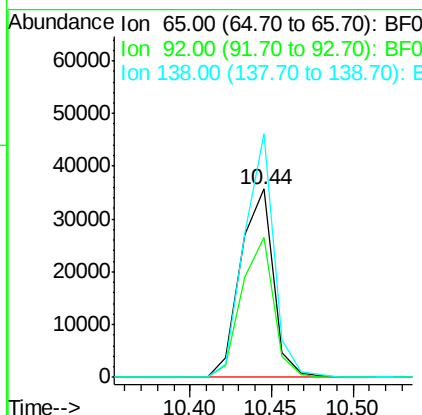
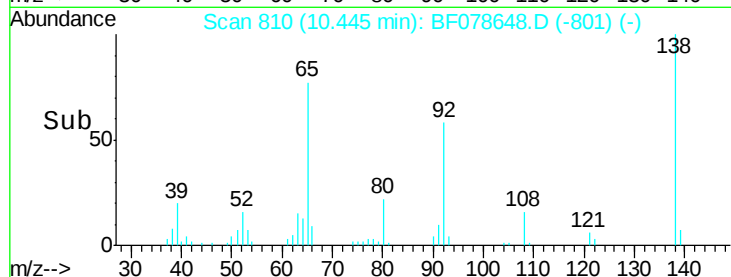
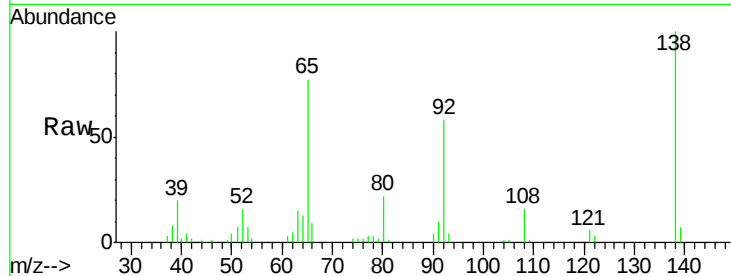
#47
 2-Nitroaniline
 Concen: 39.79 ng
 RT: 10.44 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF078648.D
 Acq: 20 Apr 2015 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB82874BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	74.4	51.3	76.9
138	129.4	70.4	105.6

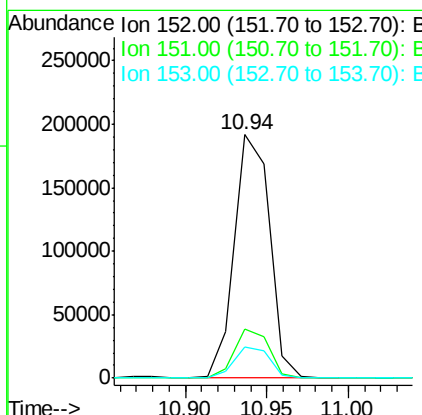
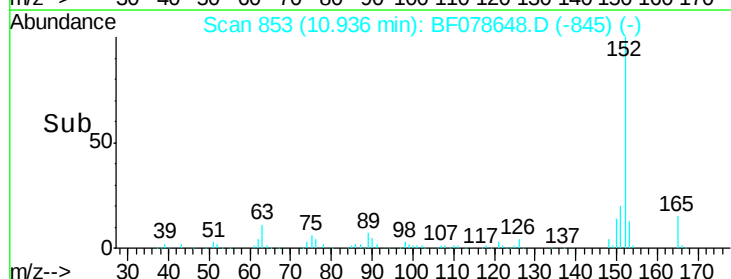
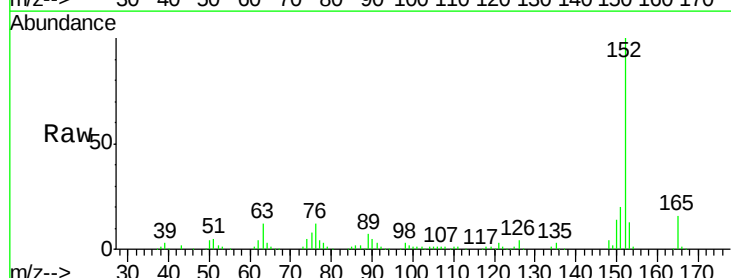
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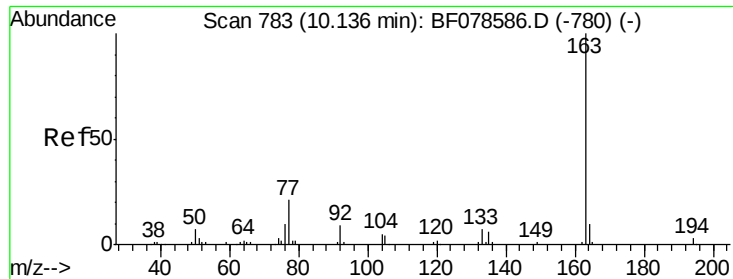
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#48
 Acenaphthylene
 Concen: 35.30 ng
 RT: 10.94 min Scan# 853
 Delta R.T. -0.01 min
 Lab File: BF078648.D
 Acq: 20 Apr 2015 17:07

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.7	23.5
153	13.0	10.2	15.2





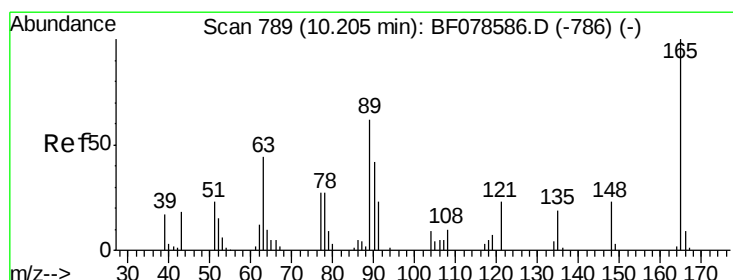
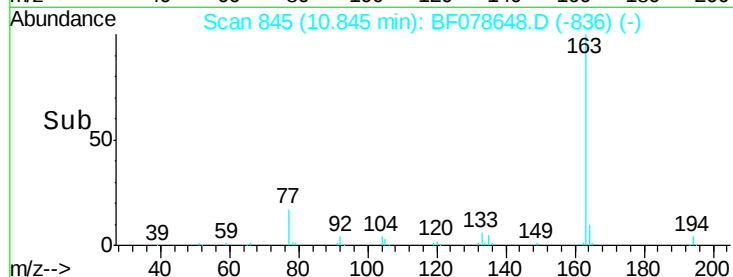
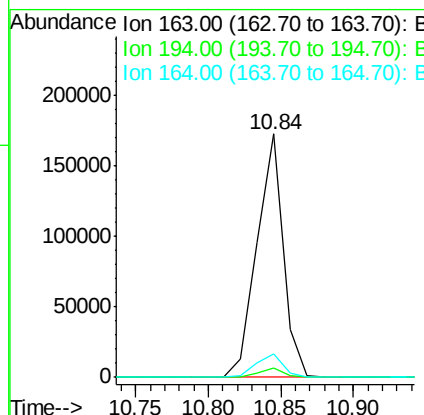
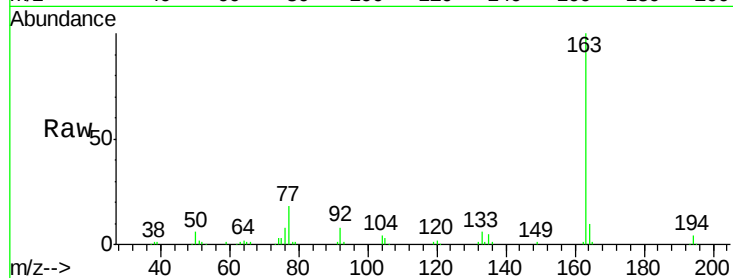
#49
Dimethylphthalate
Concen: 37.05 ng
RT: 10.84 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF078648.D
Acq: 20 Apr 2015 17:07

Instrument :
BNA_F
ClientSampleId :
PB82874BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	217327		
194	3.7	2.3	3.5#	
164	9.9	8.6	13.0	

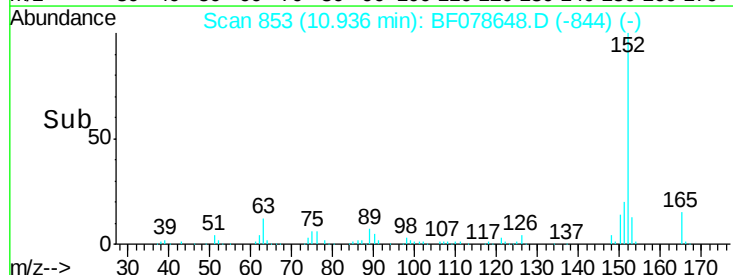
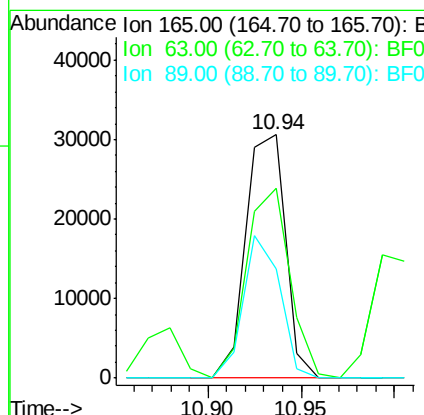
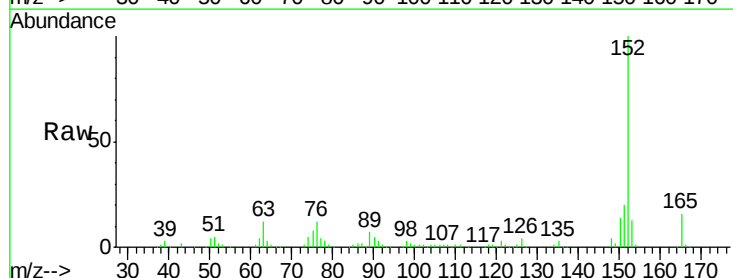
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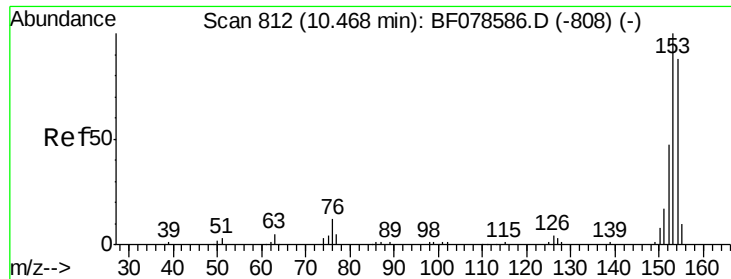
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#50
2,6-Dinitrotoluene
Concen: 37.90 ng
RT: 10.94 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF078648.D
Acq: 20 Apr 2015 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	45739		
63	78.2	24.1	36.1#	
89	44.9	28.9	43.3#	





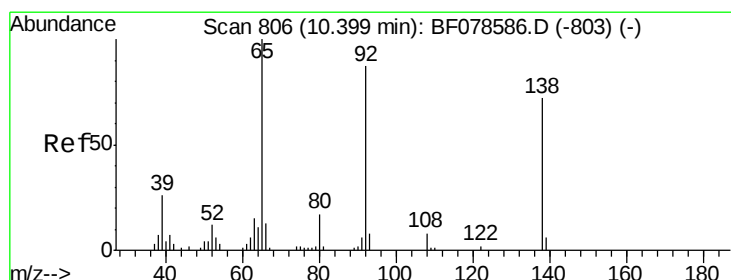
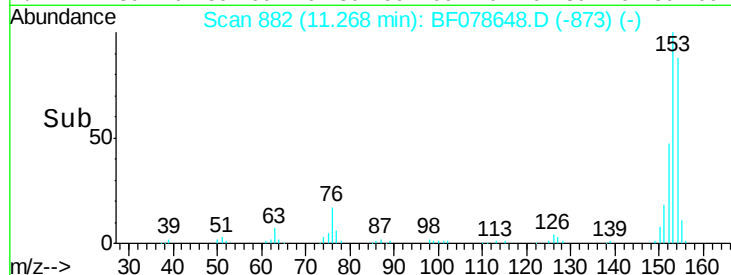
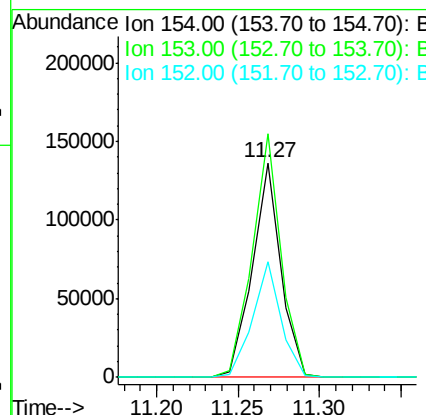
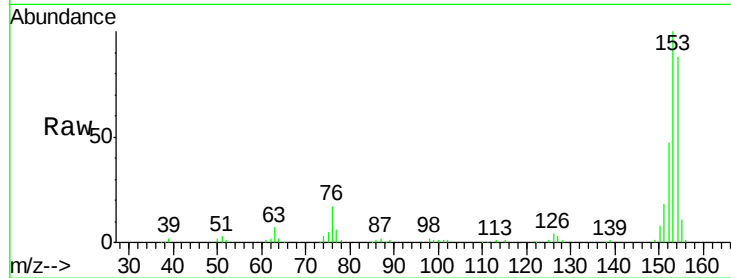
#51
Acenaphthene
Concen: 36.12 ng
RT: 11.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF078648.D
Acq: 20 Apr 2015 17:07

Instrument :
BNA_F
ClientSampleId :
PB82874BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.4	91.4	137.2
152	53.7	43.0	64.6

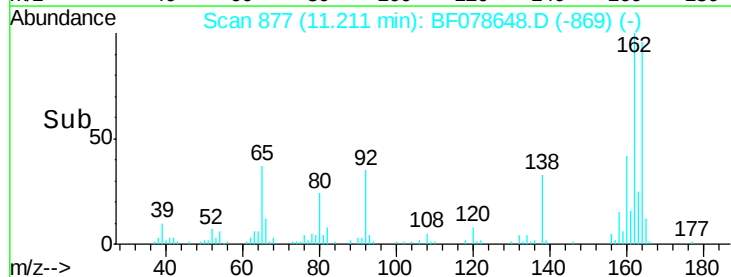
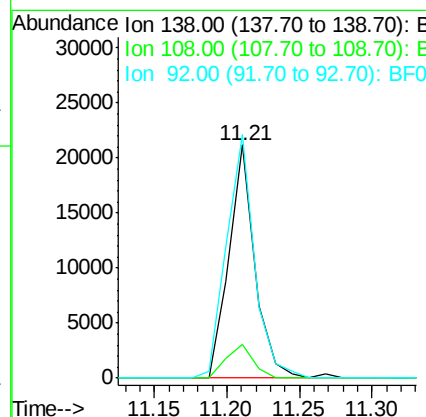
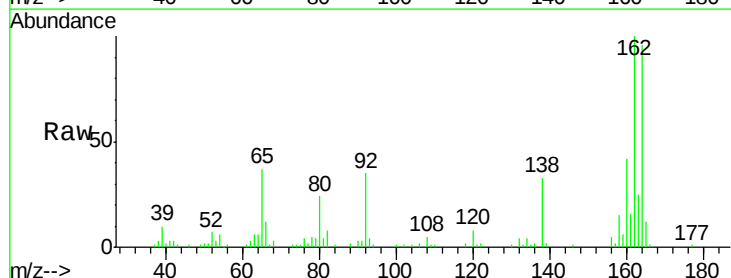
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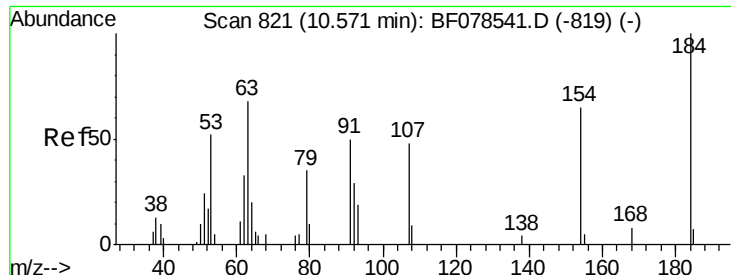
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#52
3-Nitroaniline
Concen: 19.31 ng
RT: 11.21 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF078648.D
Acq: 20 Apr 2015 17:07

Tgt Ion	Ratio	Lower	Upper
138	100		
108	14.5	8.2	12.4#
92	104.6	88.4	132.6





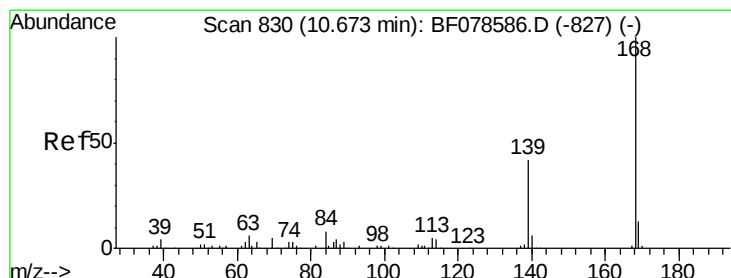
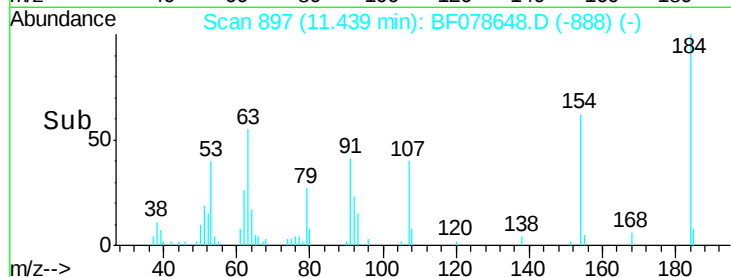
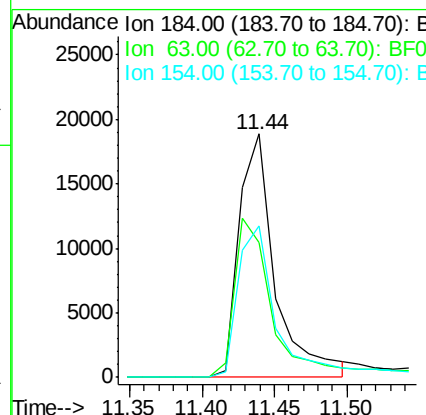
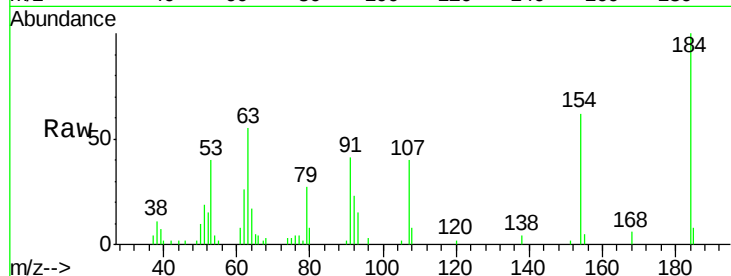
#53
 2,4-Dinitrophenol
 Concen: 72.66 ng
 RT: 11.44 min Scan# 897
 Delta R.T. 0.00 min
 Lab File: BF078648.D
 Acq: 20 Apr 2015 17:07

Instrument :
 BNA_F
 ClientSampleID :
 PB82874BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	55.5	51.9	77.9
154	62.2	51.0	76.4

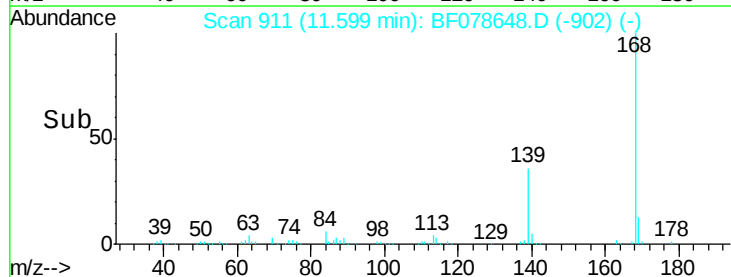
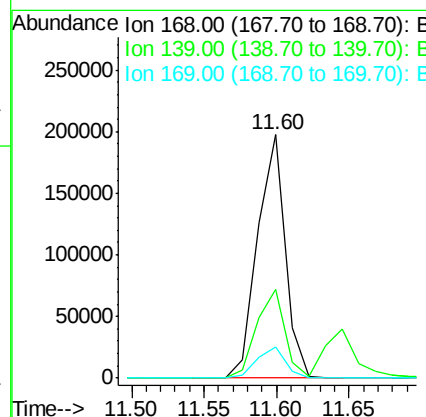
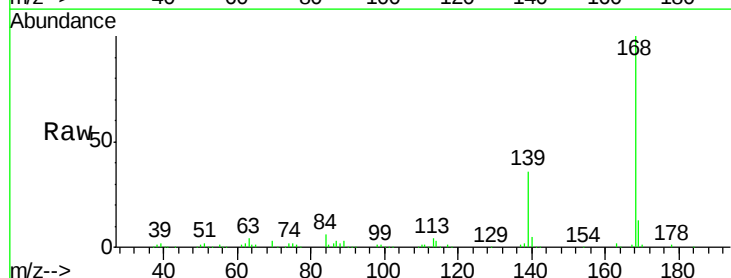
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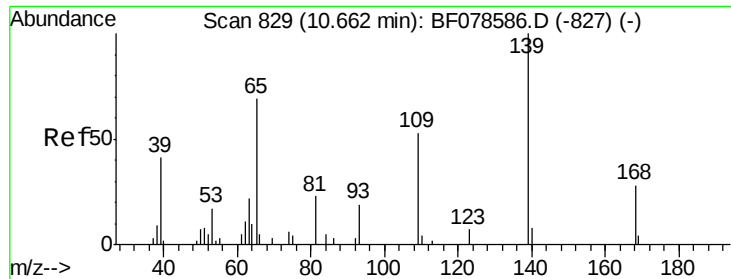
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#54
 Dibenzofuran
 Concen: 37.50 ng
 RT: 11.60 min Scan# 911
 Delta R.T. 0.00 min
 Lab File: BF078648.D
 Acq: 20 Apr 2015 17:07

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.3	31.0	46.4
169	13.0	10.7	16.1





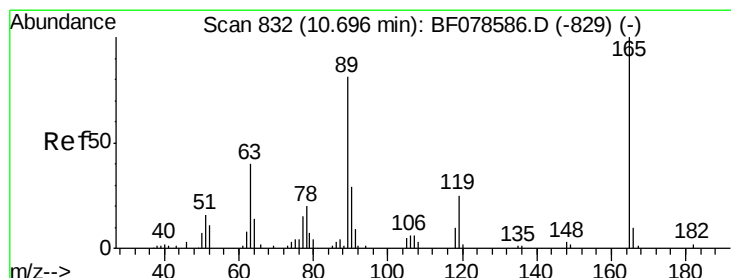
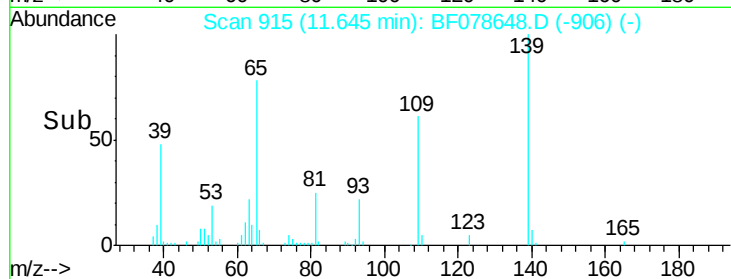
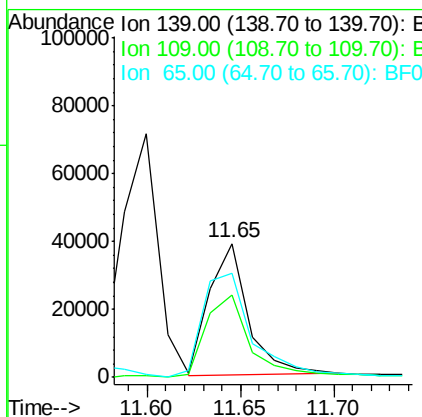
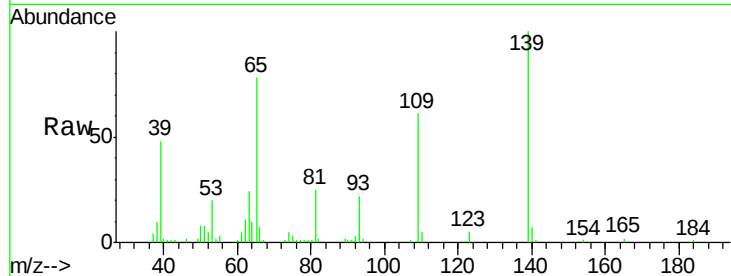
#55
4-Nitrophenol
Concen: 56.92 ng
RT: 11.65 min Scan# 915
Delta R.T. 0.00 min
Lab File: BF078648.D
Acq: 20 Apr 2015 17:07

Instrument :
BNA_F
ClientSampleID :
PB82874BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	56683		
109	61.3	36.7	76.7	
65	78.1	49.9	89.9	

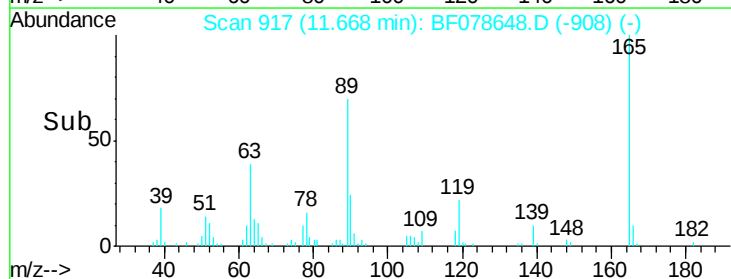
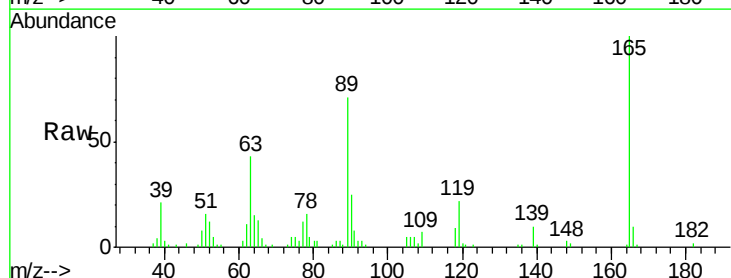
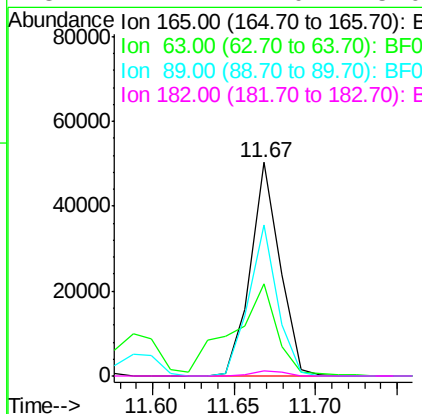
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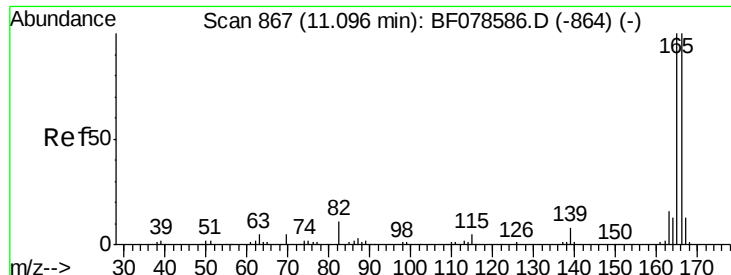
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#56
2,4-Dinitrotoluene
Concen: 40.56 ng
RT: 11.67 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF078648.D
Acq: 20 Apr 2015 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	63399		
63	43.2	26.5	39.7#	
89	70.7	46.4	69.6#	
182	2.2	2.0	3.0	





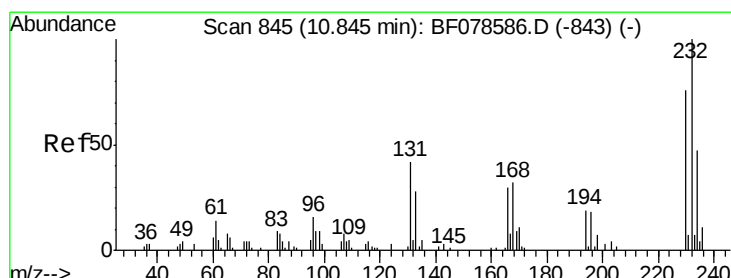
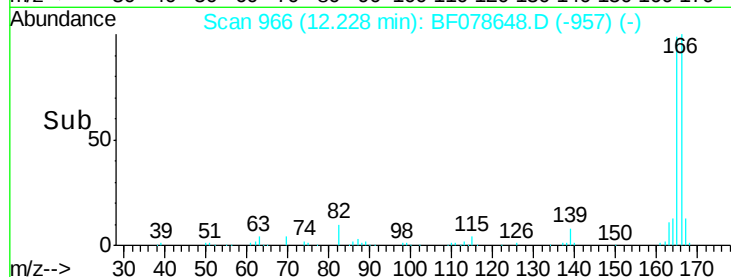
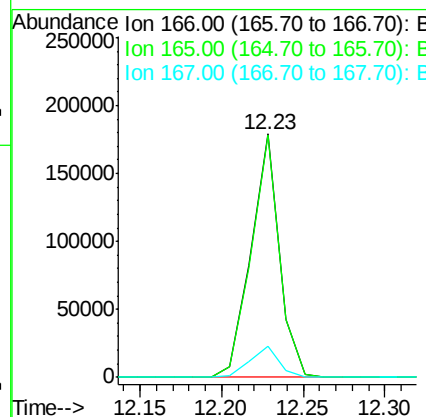
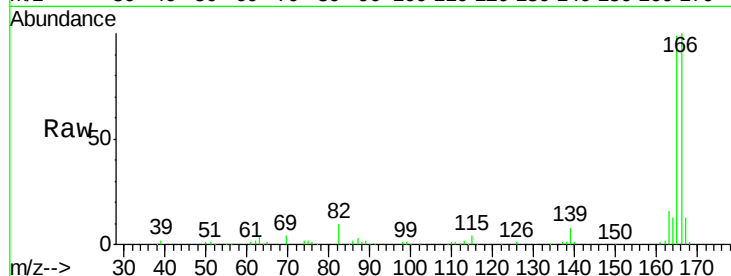
#57
Fluorene
 Concen: 38.05 ng
 RT: 12.23 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: BF078648.D
 Acq: 20 Apr 2015 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB82874BS

Manual Integrations
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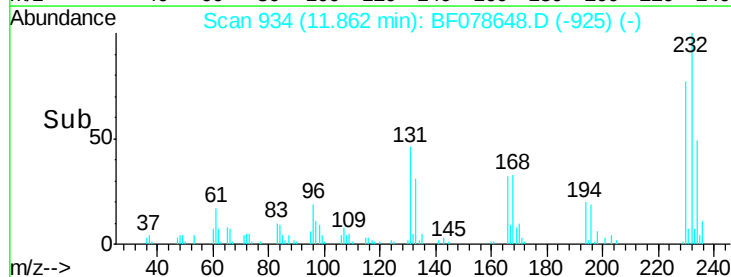
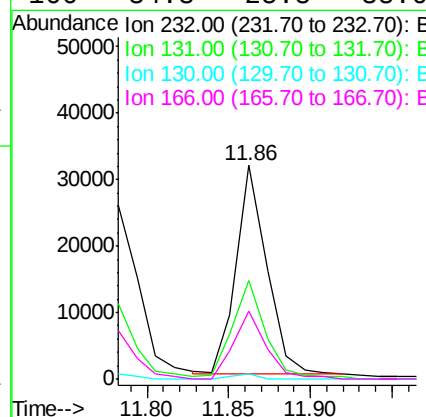
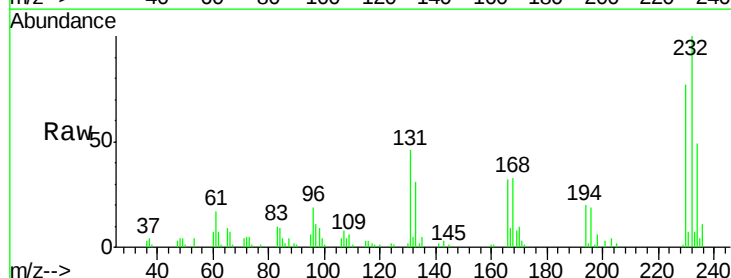
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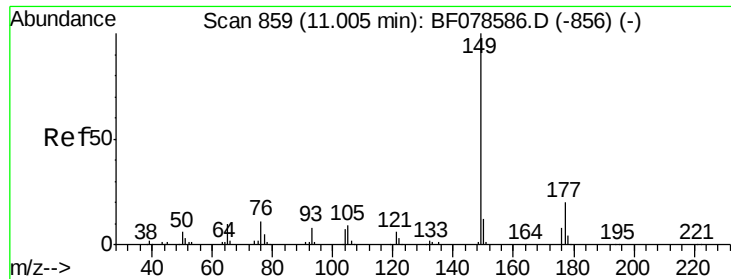
Tot Ion:	166	Resp:	215202
Ion Ratio	Lower	Upper	
166	100		
165	99.3	78.9	118.3
167	12.8	10.7	16.1



#58
2,3,4,6-Tetrachlorophenol
 Concen: 34.57 ng
 RT: 11.86 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF078648.D
 Acq: 20 Apr 2015 17:07

Tgt Ion:	232	Resp:	40849
Ion Ratio	Lower	Upper	
232	100		
131	46.9	37.8	56.8
130	1.8	1.5	2.3
166	34.3	25.8	38.6





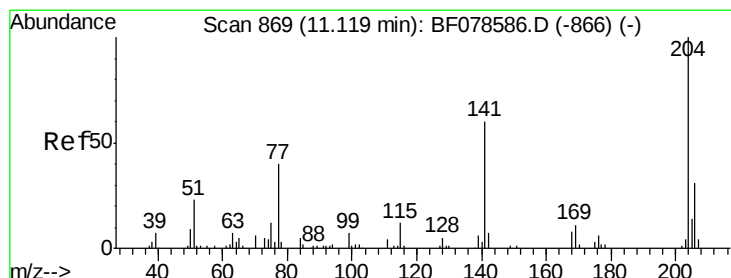
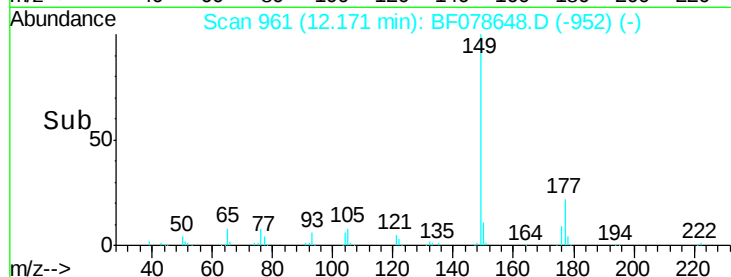
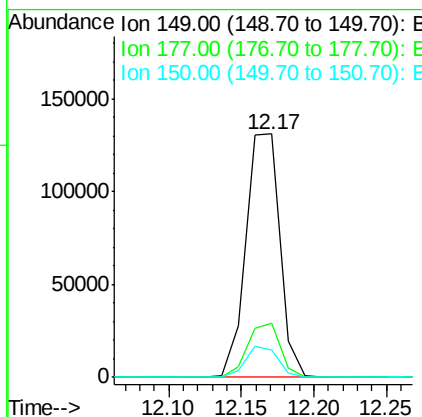
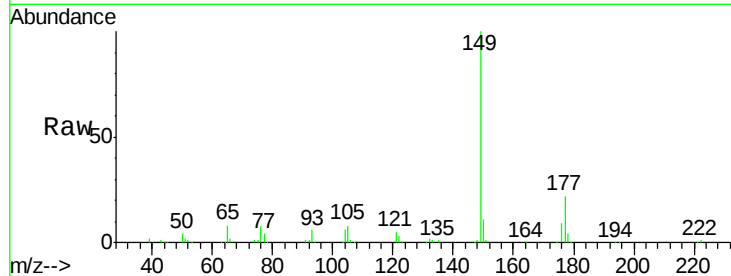
#59
Diethylphthalate
Concen: 37.64 ng
RT: 12.17 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF078648.D
Acq: 20 Apr 2015 17:07

Instrument :
BNA_F
ClientSampleId :
PB82874BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	212883		
177	22.1	17.4	26.2	
150	11.4	9.4	14.2	

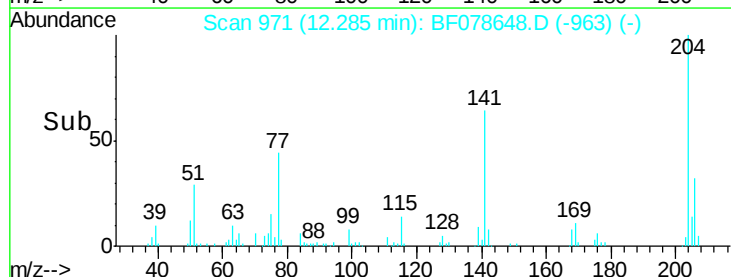
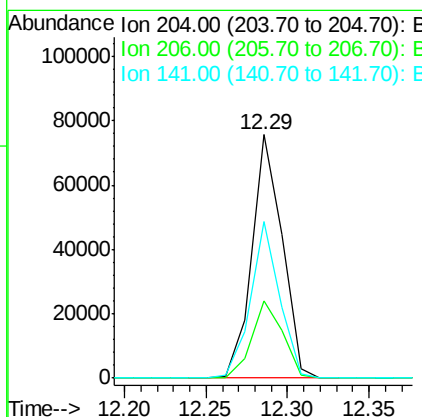
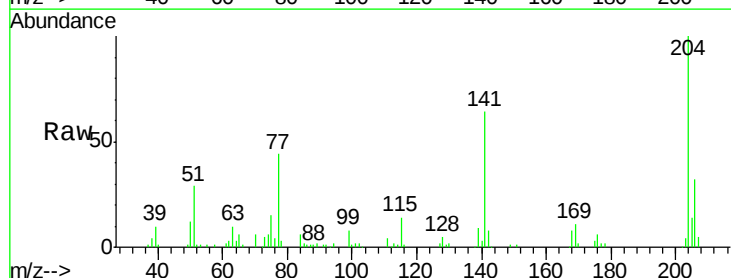
Manual Integrations
APPROVED

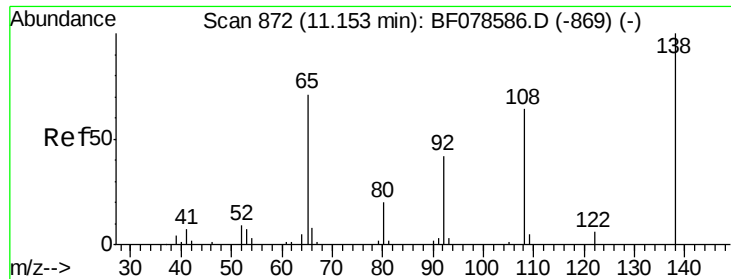
apatel
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#60
4-Chlorophenyl-phenylether
Concen: 37.44 ng
RT: 12.29 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF078648.D
Acq: 20 Apr 2015 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	97421		
206	31.5	25.6	38.4	
141	64.3	35.4	53.0	





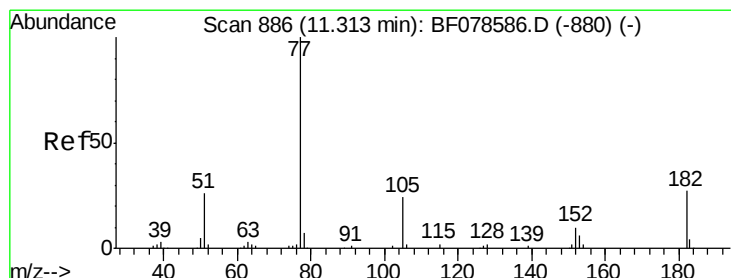
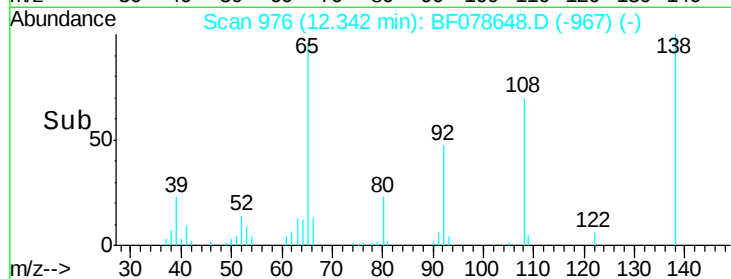
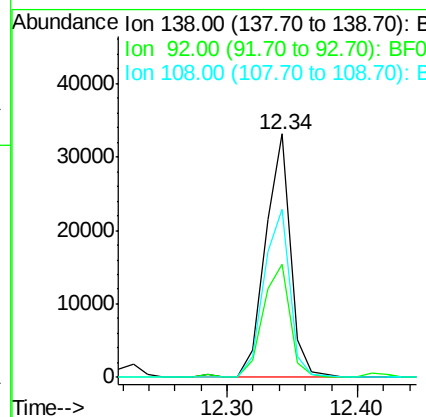
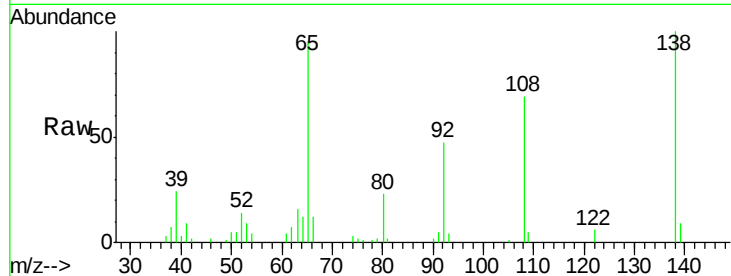
#61
 4-Nitroaniline
 Concen: 32.16 ng
 RT: 12.34 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: BF078648.D
 Acq: 20 Apr 2015 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB82874BS

Tot Ion:	138	Resp:	44610
Ion Ratio	Lower	Upper	
138	100		
92	46.6	27.3	67.3
108	69.1	47.2	87.2

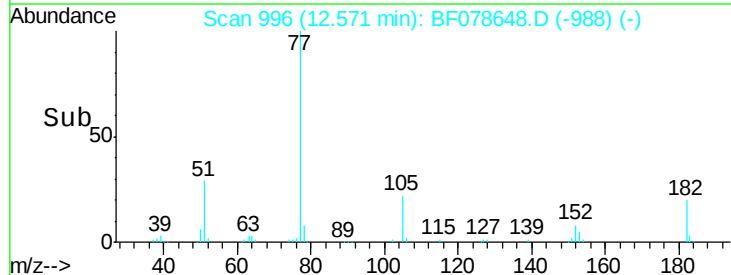
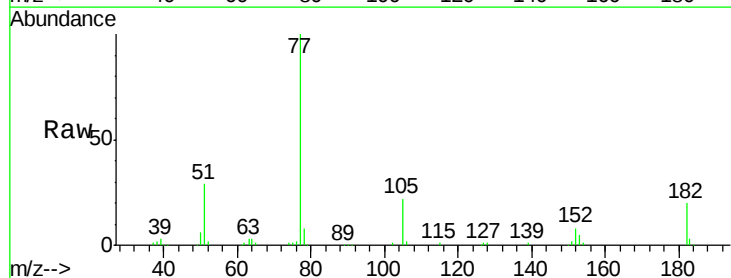
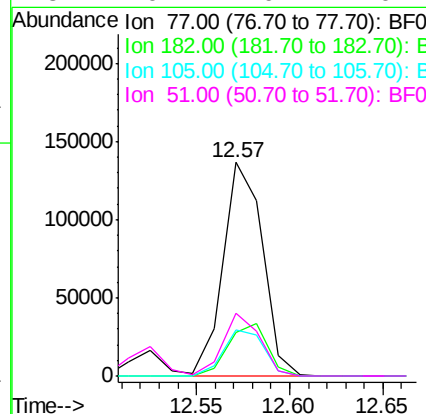
Manual Integrations
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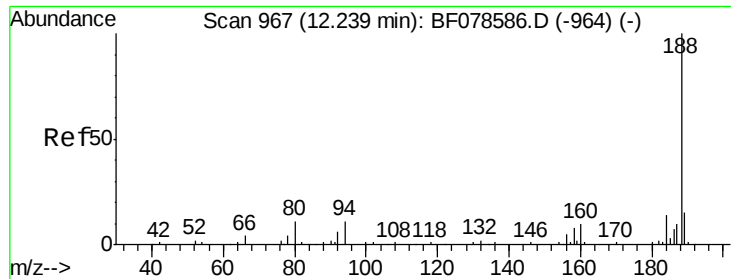
apatel
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#62
 Azobenzene
 Concen: 38.90 ng
 RT: 12.57 min Scan# 996
 Delta R.T. -0.01 min
 Lab File: BF078648.D
 Acq: 20 Apr 2015 17:07

Tgt Ion:	77	Resp:	200776
Ion Ratio	Lower	Upper	
77	100		
182	20.3	0.0	36.8
105	21.8	0.3	40.3
51	29.1	9.1	49.1





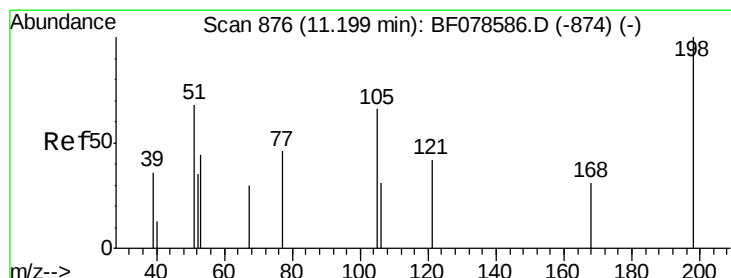
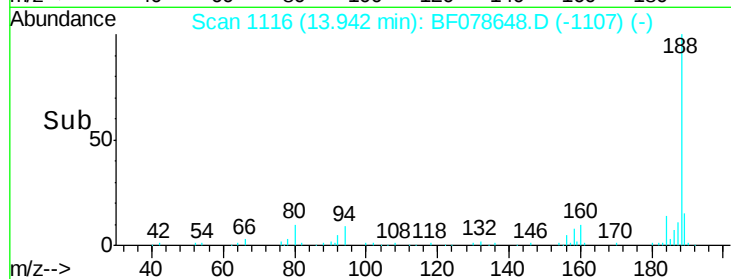
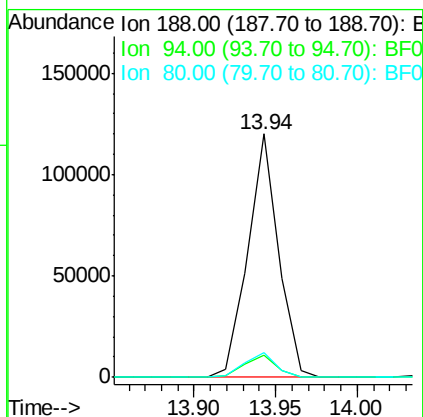
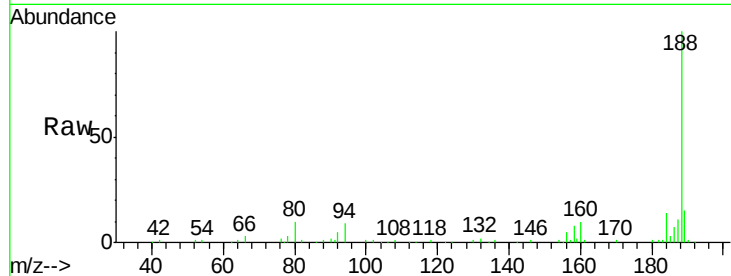
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 13.94 min Scan# 1116
 Delta R.T. 0.00 min
 Lab File: BF078648.D
 Acq: 20 Apr 2015 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB82874BS

Tot Ion:	188	Resp:	155948
Ion Ratio	Lower	Upper	
188	100		
94	9.4	9.0	13.4
80	10.4	9.5	14.3

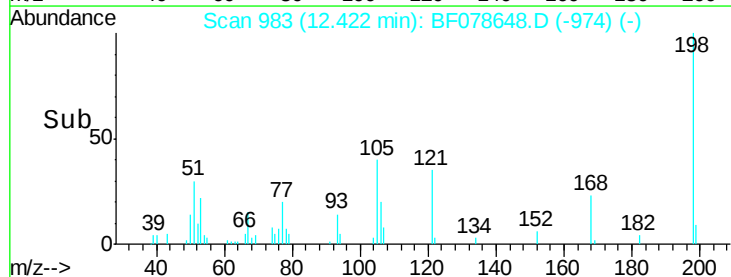
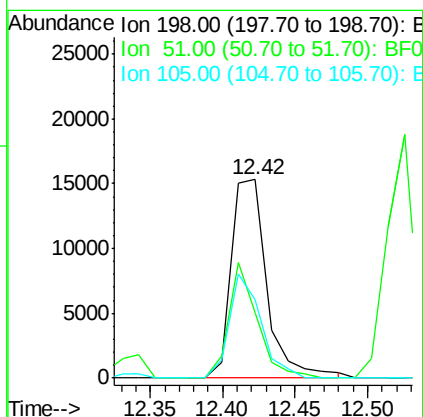
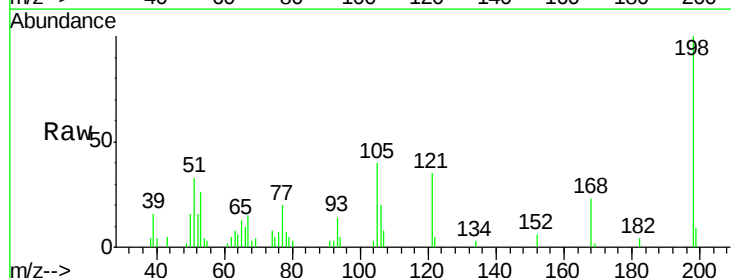
Manual Integrations
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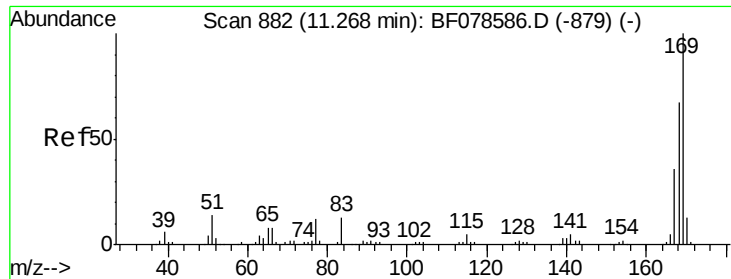
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 36.40 ng
 RT: 12.42 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: BF078648.D
 Acq: 20 Apr 2015 17:07

Tgt Ion:	198	Resp:	26228
Ion Ratio	Lower	Upper	
198	100		
51	33.3	48.6	88.6#
105	39.6	45.8	85.8#





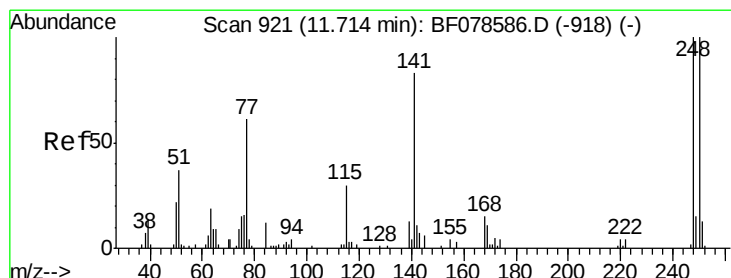
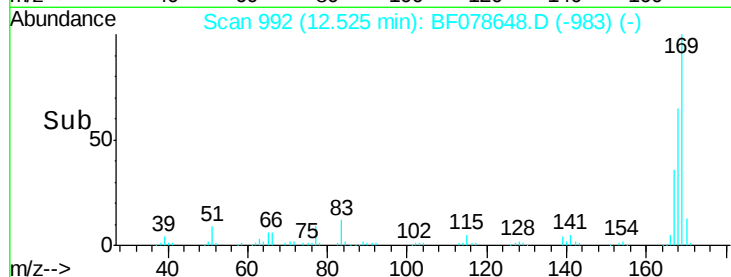
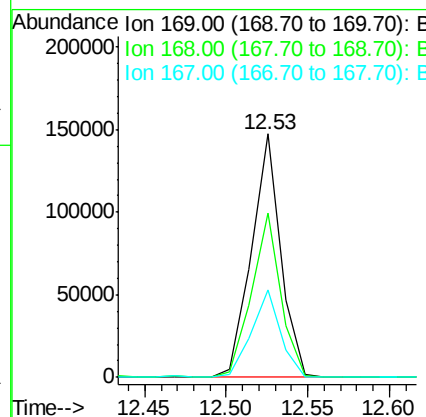
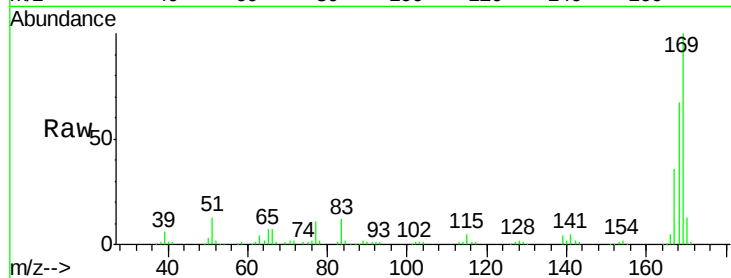
#65
n-Nitrosodiphenylamine
Concen: 33.91 ng
RT: 12.53 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF078648.D
Acq: 20 Apr 2015 17:07

Instrument :
BNA_F
ClientSampleId :
PB82874BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	182941		
168	67.4	55.0	82.4	
167	35.8	29.3	43.9	

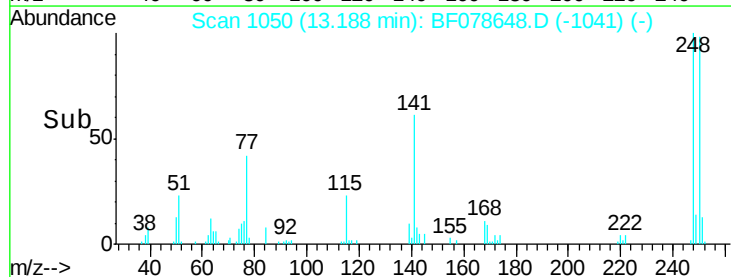
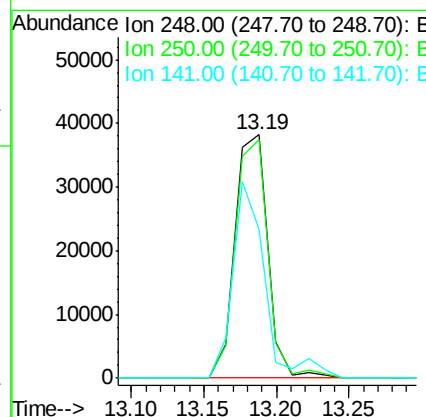
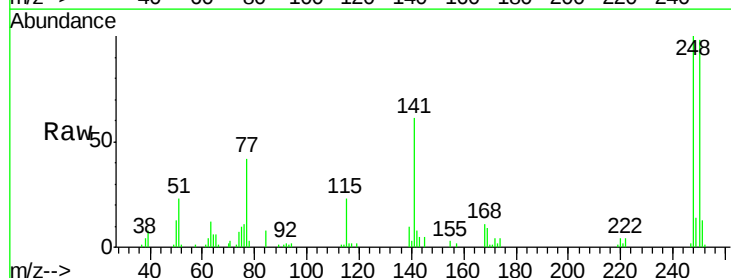
Manual Integrations
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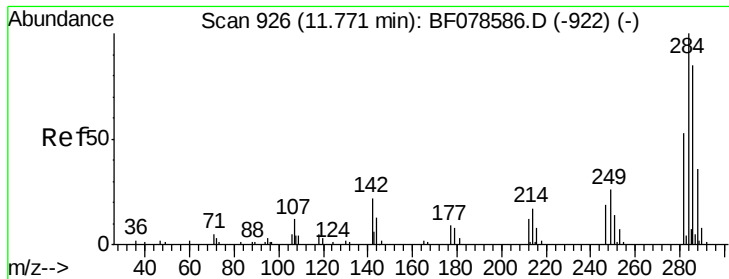
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4/21/2015 5:03:25 PM



#66
4-Bromophenyl-phenylether
Concen: 36.24 ng
RT: 13.19 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF078648.D
Acq: 20 Apr 2015 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	59859		
250	98.0	78.2	117.2	
141	61.2	66.4	99.6	





#67

Hexachlorobenzene

Concen: 34.44 ng

RT: 13.22 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BF078648.D

Acq: 20 Apr 2015 17:07

Instrument :

BNA_F

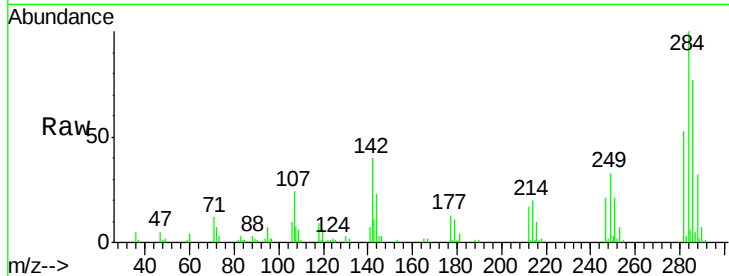
ClientSampleId :

PB82874BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	62332		
142	40.2	24.5	36.7#	
249	33.0	24.8	37.2	

Manual Integrations
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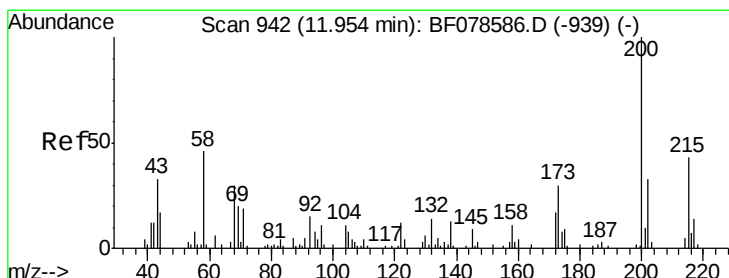
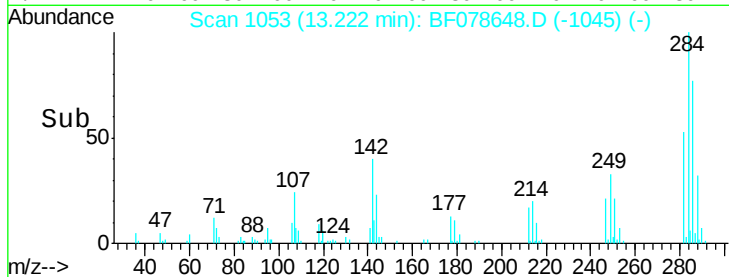
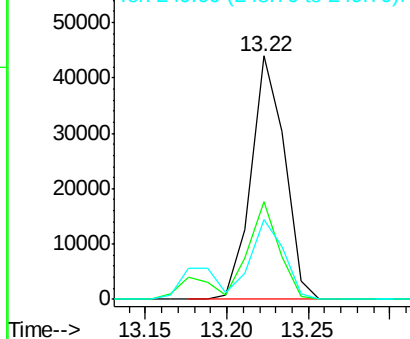
apatel
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 44.97 ng

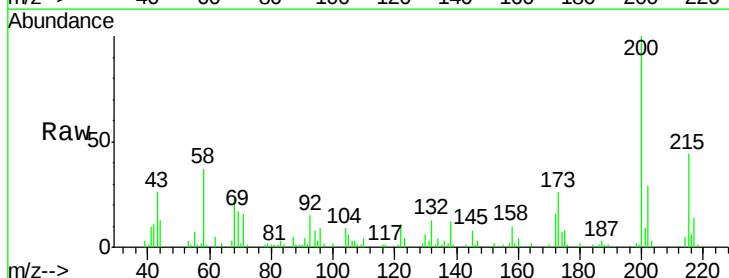
RT: 13.60 min Scan# 1086

Delta R.T. 0.00 min

Lab File: BF078648.D

Acq: 20 Apr 2015 17:07

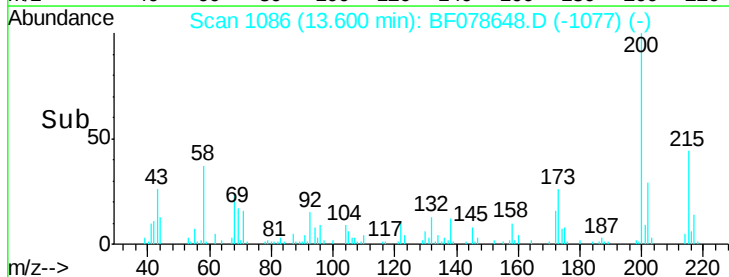
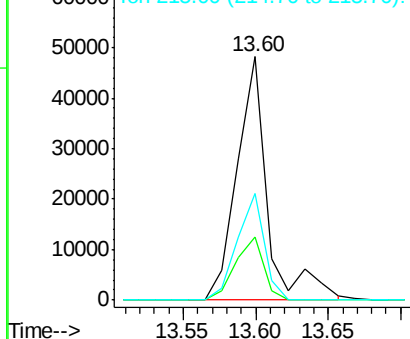
Tgt Ion	Ratio	Resp	Lower	Upper
200	100	70254		
173	26.0	6.9	46.9	
215	43.9	27.1	67.1	

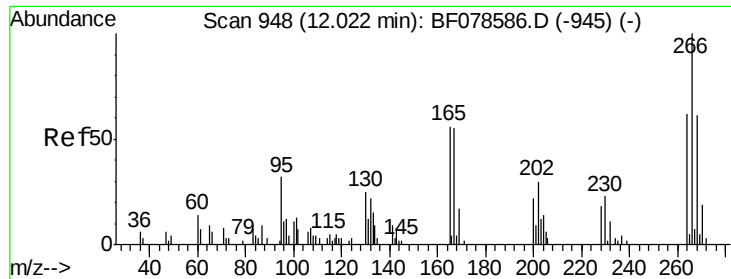


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





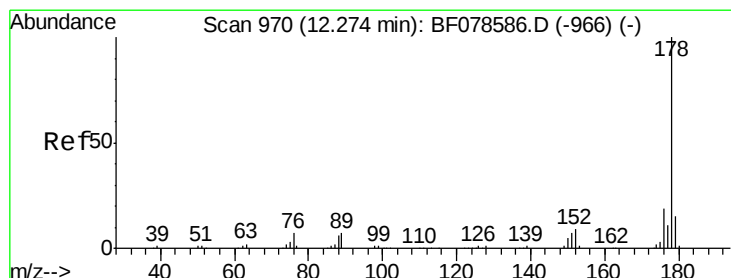
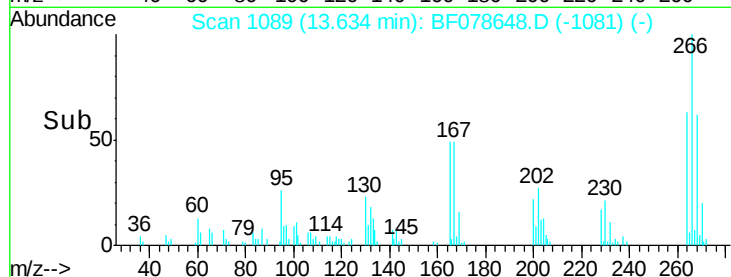
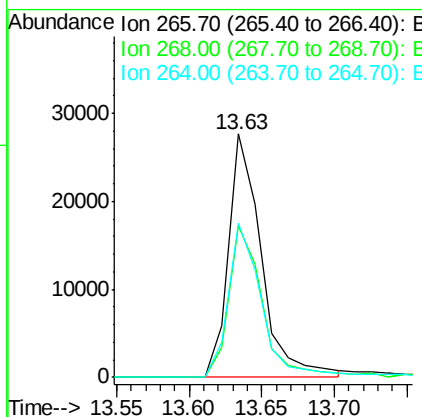
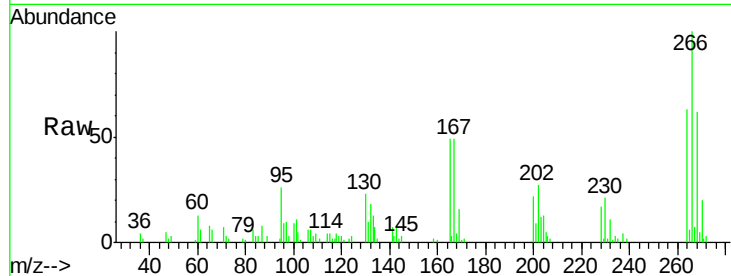
#69
 Pentachlorophenol
 Concen: 56.86 ng
 RT: 13.63 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: BF078648.D
 Acq: 20 Apr 2015 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB82874BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.1	50.1	75.1
264	63.3	50.0	75.0

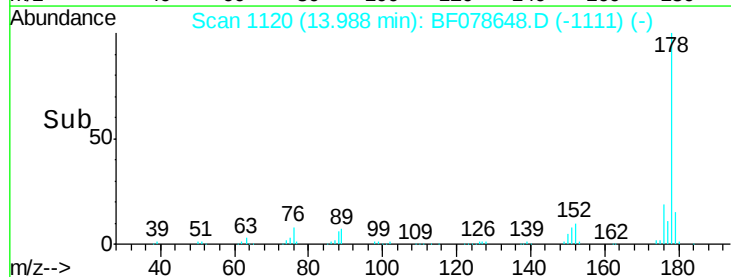
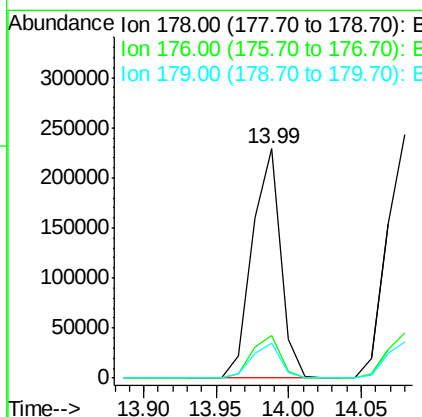
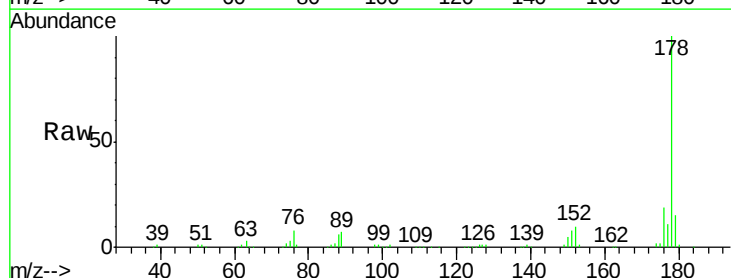
Manual Integrations
 APPROVED

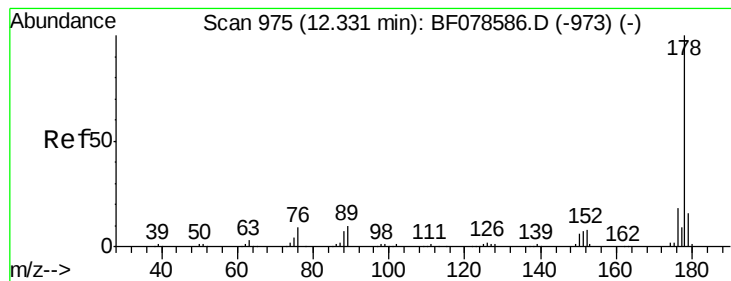
apatel
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#70
 Phenanthrene
 Concen: 34.44 ng
 RT: 13.99 min Scan# 1120
 Delta R.T. 0.00 min
 Lab File: BF078648.D
 Acq: 20 Apr 2015 17:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.0
179	15.1	12.2	18.2





#71

Anthracene

Concen: 35.92 ng

RT: 14.08 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF078648.D

Acq: 20 Apr 2015 17:07

Instrument :

BNA_F

ClientSampleId :

PB82874BS

Tot Ion:178 Resp: 319308

Ion Ratio Lower Upper

178 100

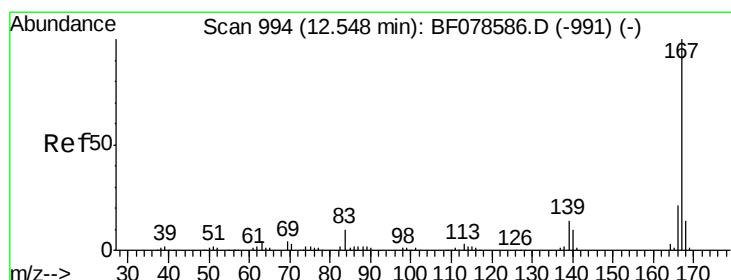
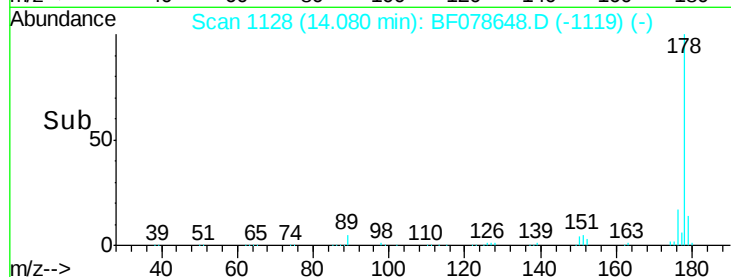
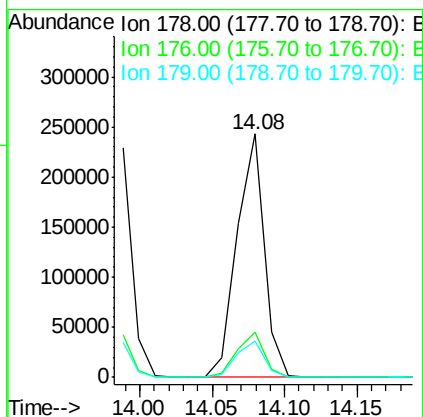
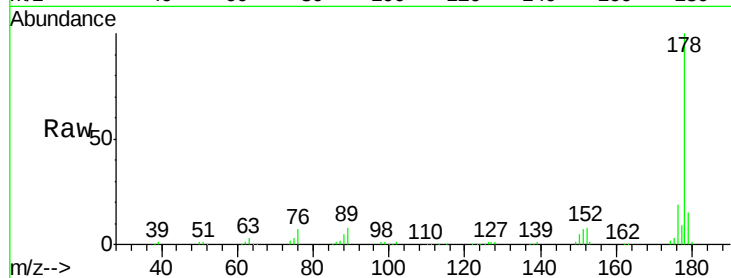
176 18.7 14.8 22.2

179 15.1 12.4 18.6

Manual Integrations
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#72

Carbazole

Concen: 36.34 ng

RT: 14.41 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF078648.D

Acq: 20 Apr 2015 17:07

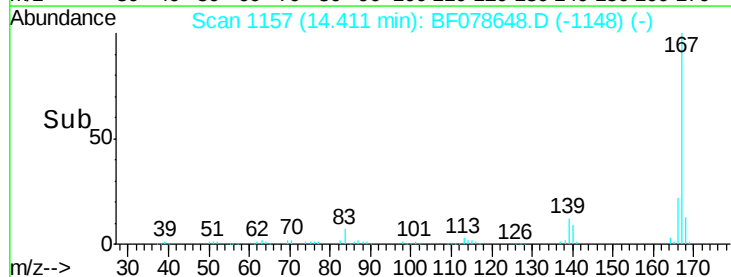
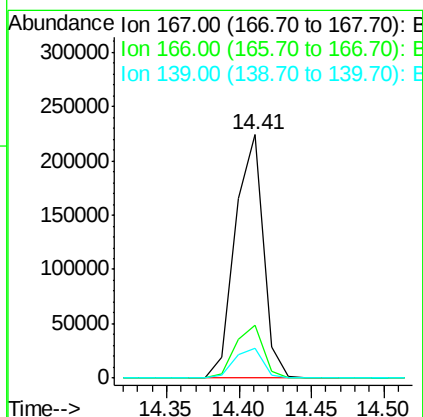
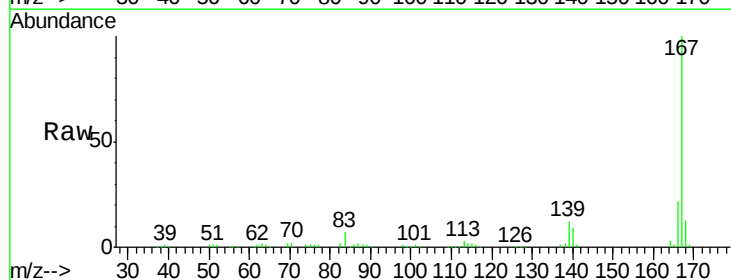
Tgt Ion:167 Resp: 302761

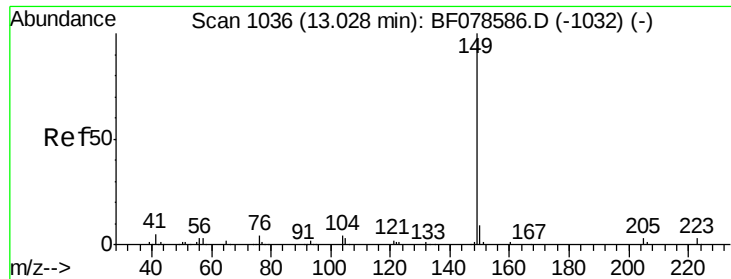
Ion Ratio Lower Upper

167 100

166 21.6 16.8 25.2

139 12.4 10.0 15.0





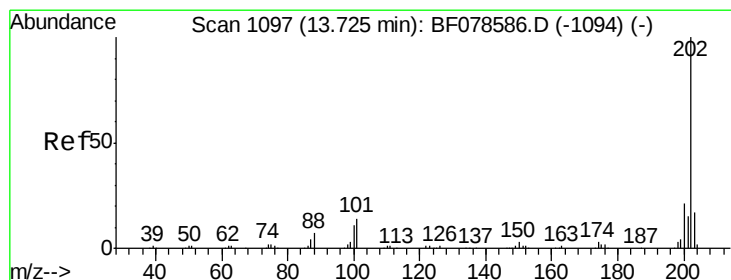
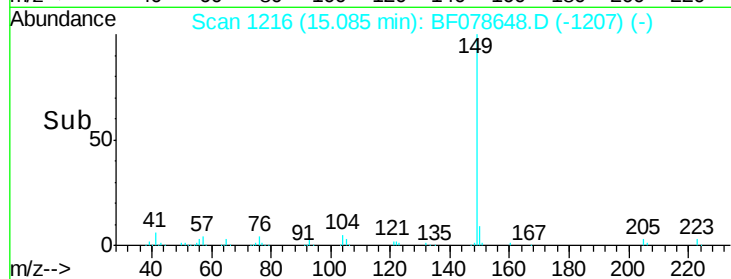
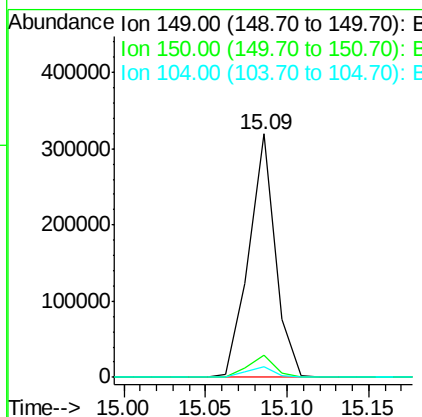
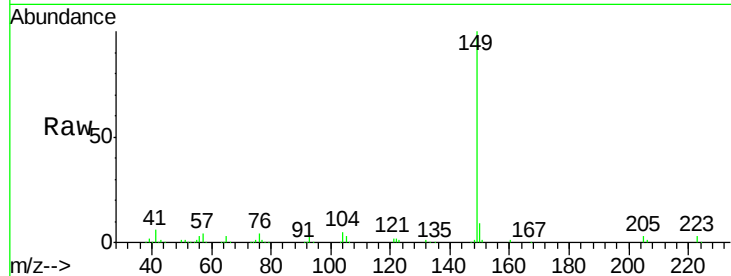
#73
Di-n-butylphthalate
Concen: 38.20 ng
RT: 15.09 min Scan# 1216
Delta R.T. 0.00 min
Lab File: BF078648.D
Acq: 20 Apr 2015 17:07

Instrument :
BNA_F
ClientSampleId :
PB82874BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	360488		
150	9.0		7.1	10.7
104	4.6		3.8	5.6

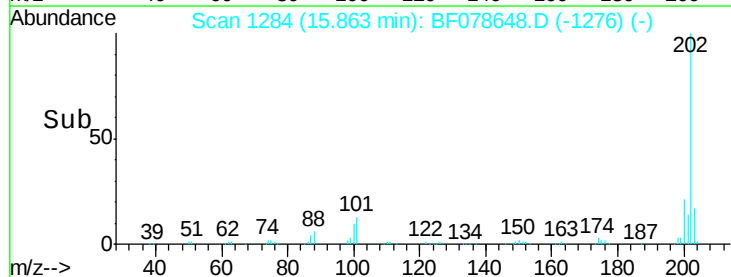
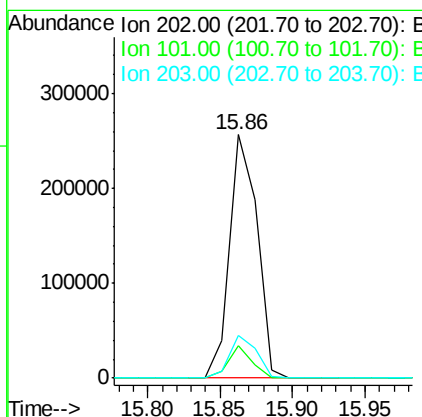
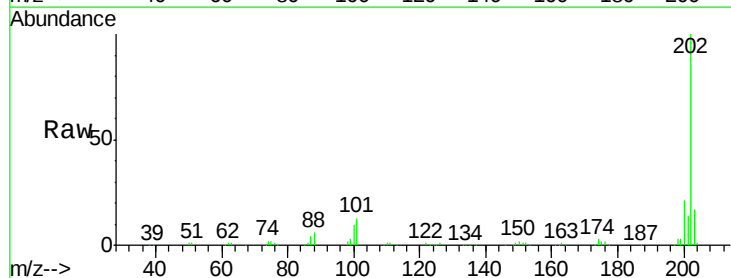
Manual Integrations
APPROVED

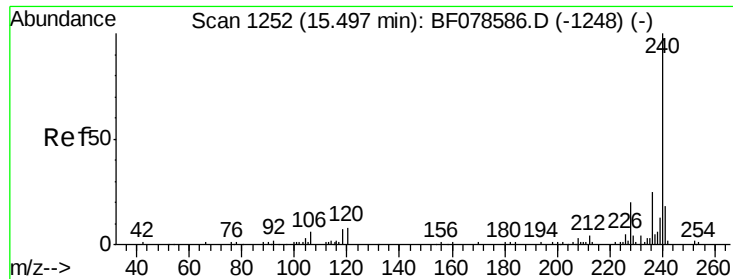
apatel
4/21/2015 5:03:25 PM



#74
Fluoranthene
Concen: 35.76 ng
RT: 15.86 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF078648.D
Acq: 20 Apr 2015 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	340204		
101	13.2		0.0	35.2
203	17.4		0.0	38.5





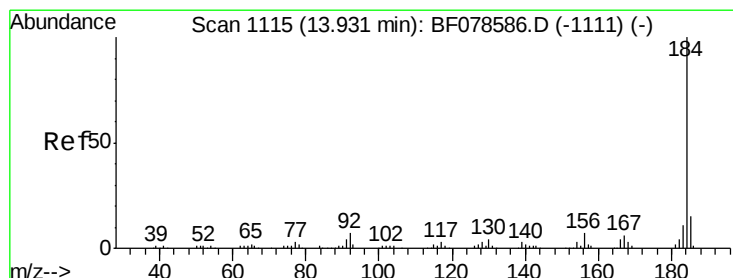
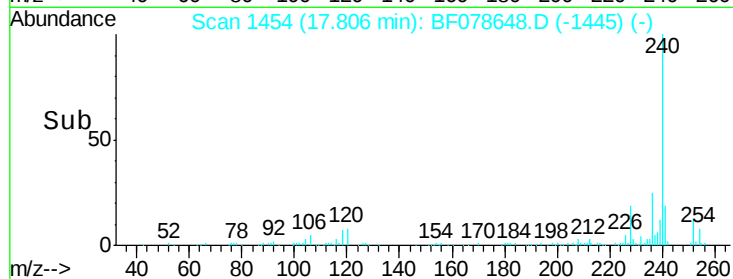
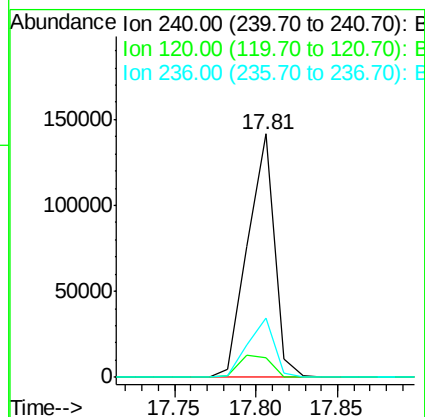
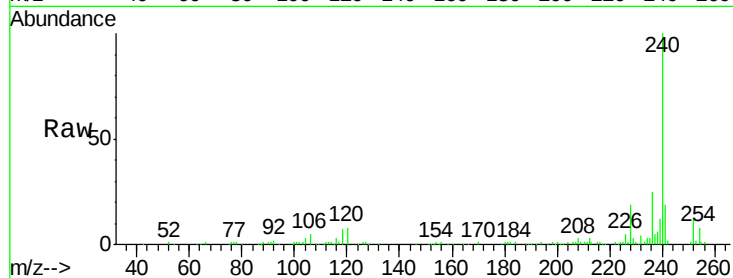
#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.81 min Scan# 1454
Delta R.T. 0.00 min
Lab File: BF078648.D
Acq: 20 Apr 2015 17:07

Instrument :
BNA_F
ClientSampleId :
PB82874BS

Tot Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	8.2	7.1	10.7
236	24.5	21.4	32.2

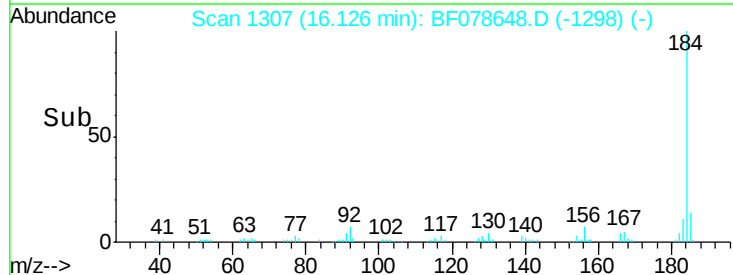
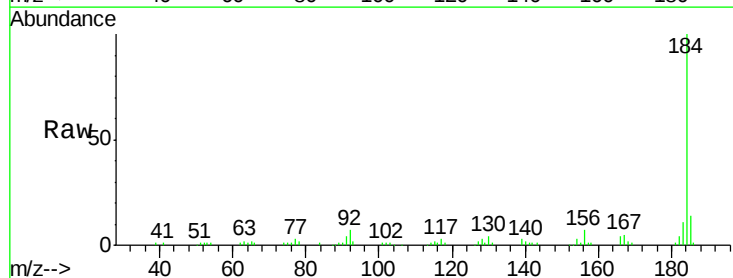
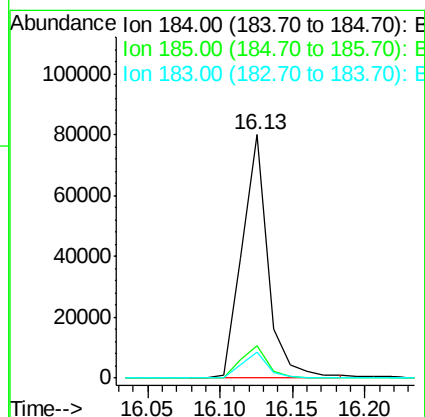
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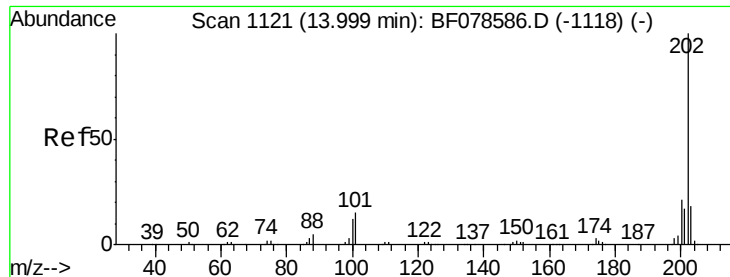
apatel
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#76
Benzidine
Concen: 16.04 ng
RT: 16.13 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF078648.D
Acq: 20 Apr 2015 17:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
184	100		
185	13.6	12.2	18.2
183	10.8	9.5	14.3





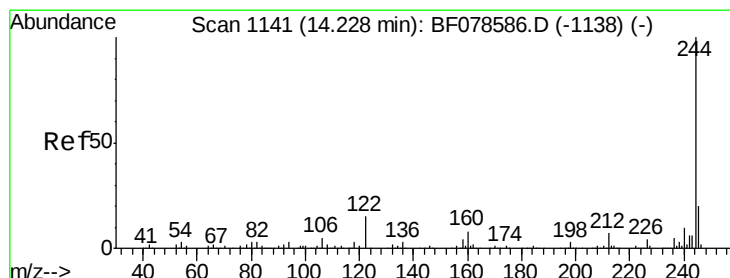
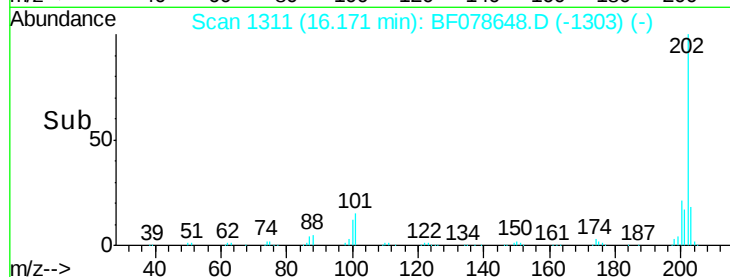
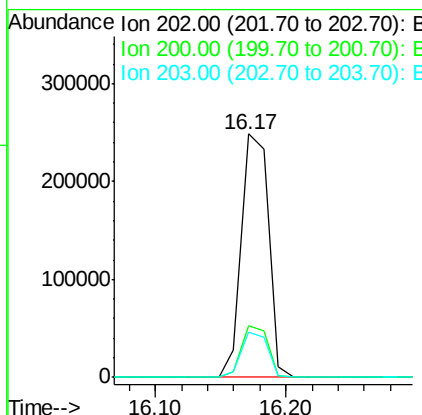
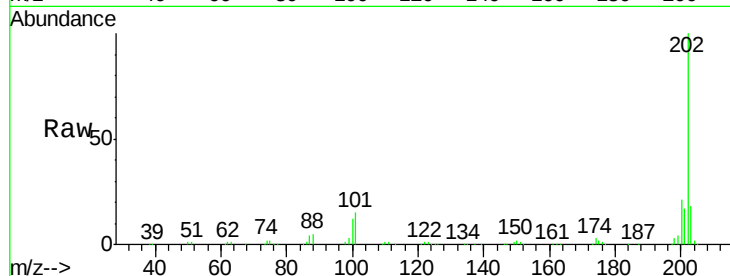
#77
Pvrene
Concen: 35.44 ng
RT: 16.17 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF078648.D
Acq: 20 Apr 2015 17:07

Instrument :
BNA_F
ClientSampleId :
PB82874BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	359047		
200	21.2		16.3	24.5
203	18.5		13.8	20.6

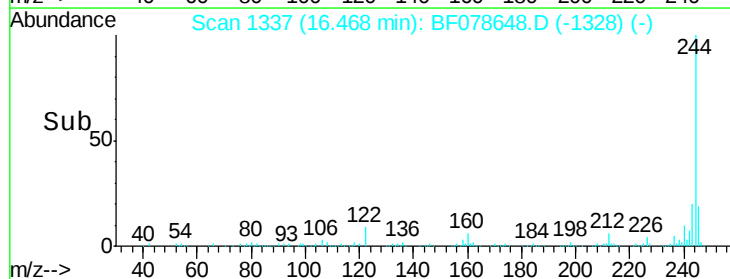
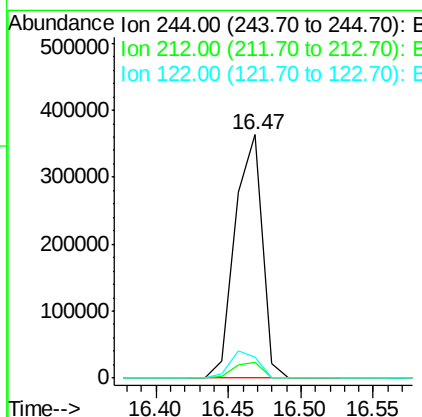
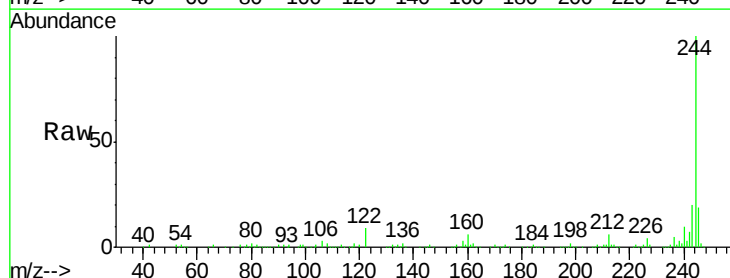
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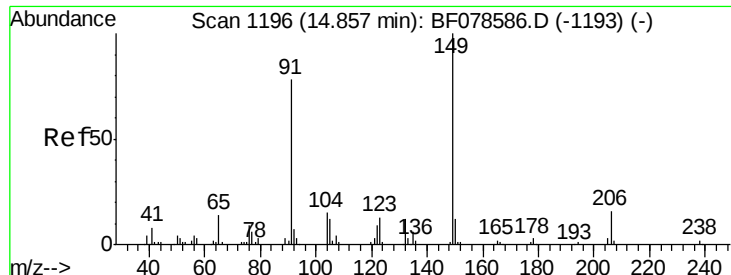
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#78
Terphenyl-d14
Concen: 66.29 ng
RT: 16.47 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF078648.D
Acq: 20 Apr 2015 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	473377		
212	6.4		5.0	7.4
122	8.8		7.1	10.7





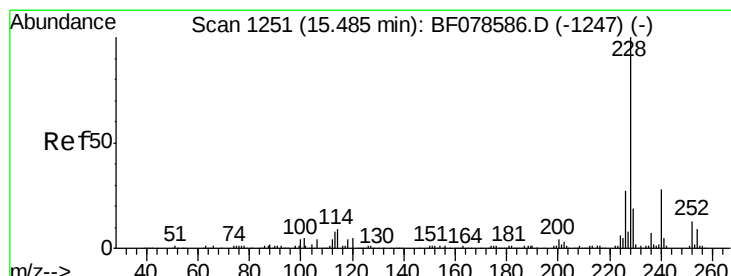
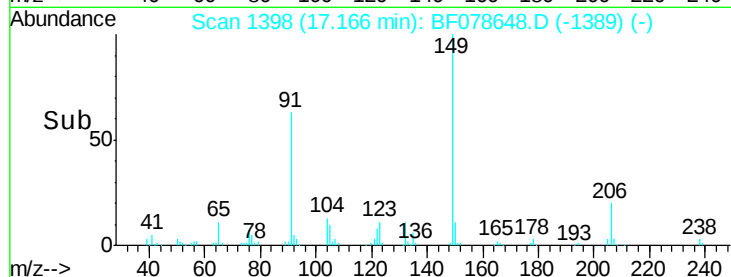
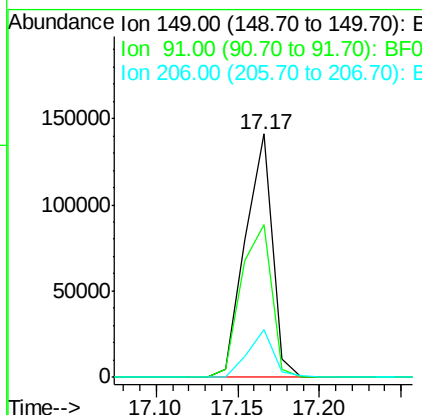
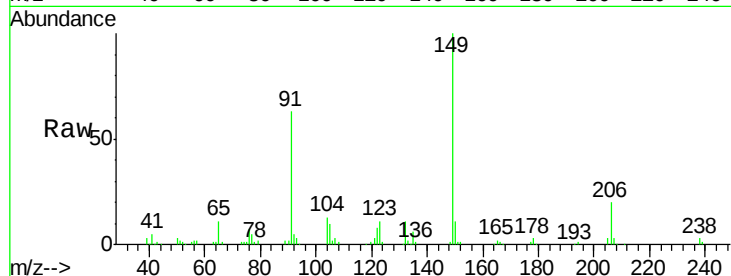
#79
Butylbenzylphthalate
Concen: 41.93 ng
RT: 17.17 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF078648.D
Acq: 20 Apr 2015 17:07

Instrument :
BNA_F
ClientSampleId :
PB82874BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	62.8	64.2	96.2#
206	19.7	12.6	18.8#

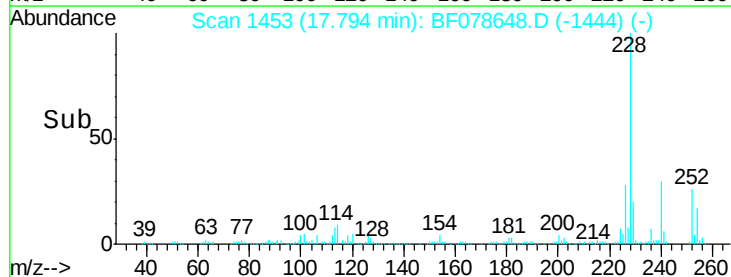
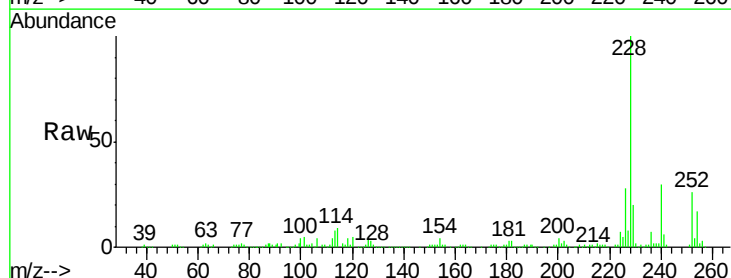
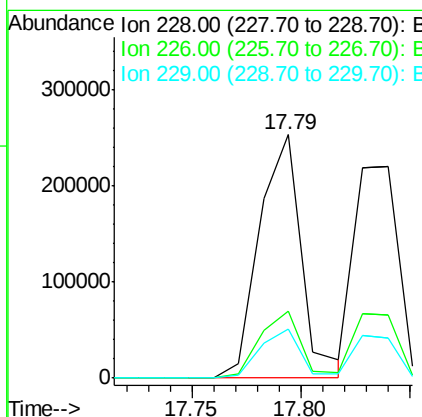
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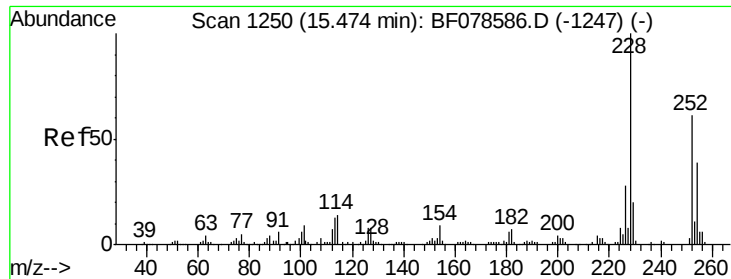
apatel
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#80
Benzo(a)anthracene
Concen: 35.63 ng
RT: 17.79 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF078648.D
Acq: 20 Apr 2015 17:07

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	27.5	21.3	31.9
229	20.2	15.4	23.2





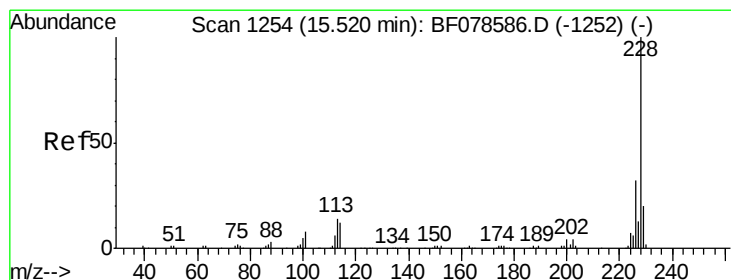
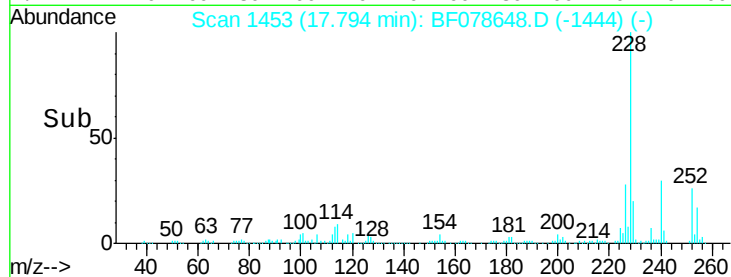
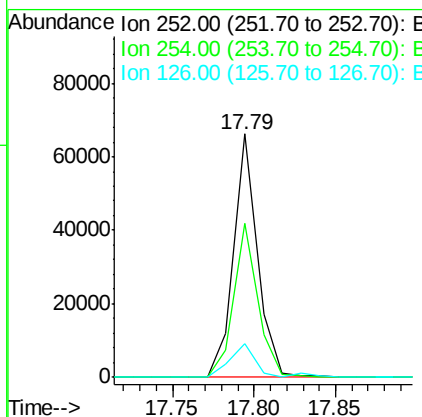
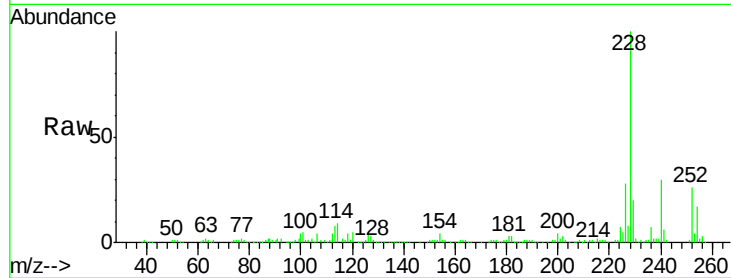
#81
 3,3'-Dichlorobenzidine
 Concen: 20.74 ng
 RT: 17.79 min Scan# 1453
 Delta R.T. 0.00 min
 Lab File: BF078648.D
 Acq: 20 Apr 2015 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB82874BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.3	51.2	76.8
126	13.7	6.3	9.5

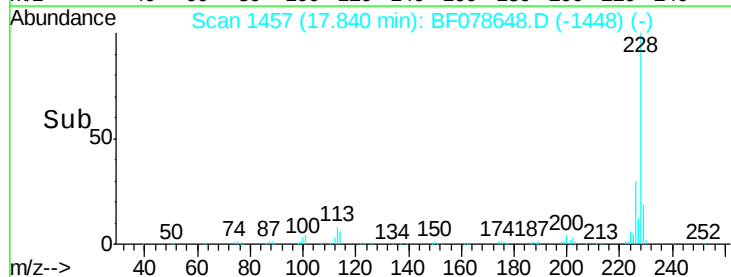
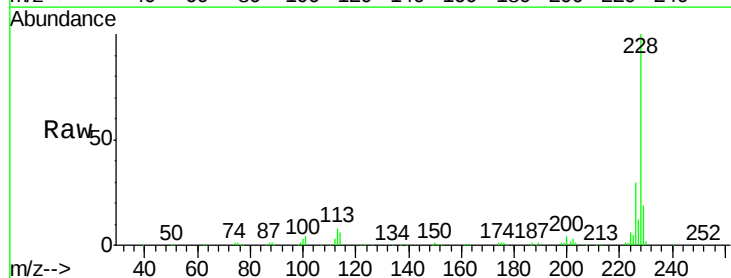
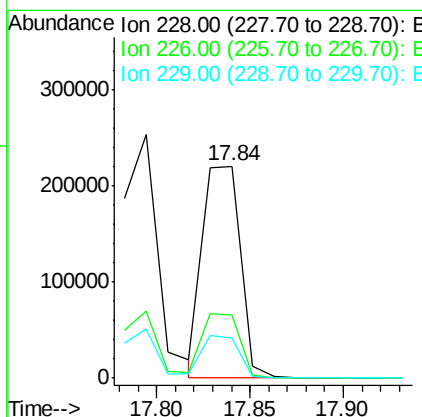
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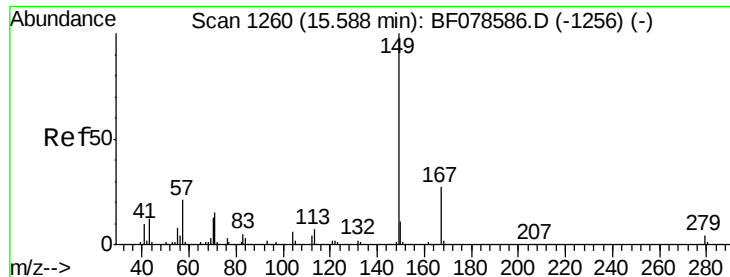
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#82
 Chrysene
 Concen: 34.36 ng
 RT: 17.84 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: BF078648.D
 Acq: 20 Apr 2015 17:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.2	36.4
229	19.1	15.8	23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.91 ng

RT: 17.92 min Scan# 1464

Delta R.T. -0.01 min

Lab File: BF078648.D

Acq: 20 Apr 2015 17:07

Instrument :

BNA_F

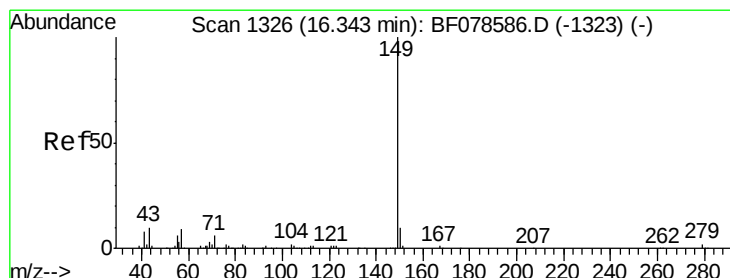
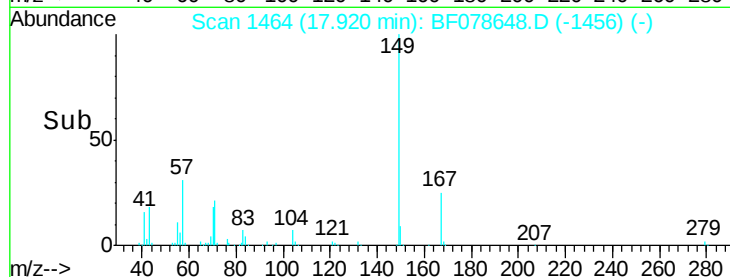
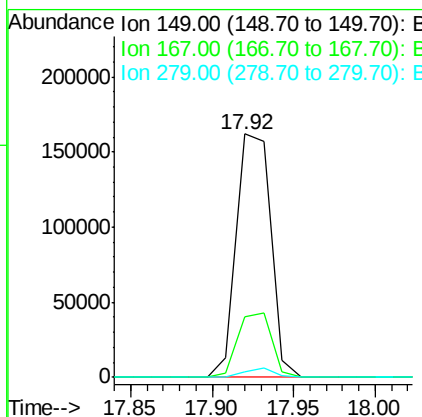
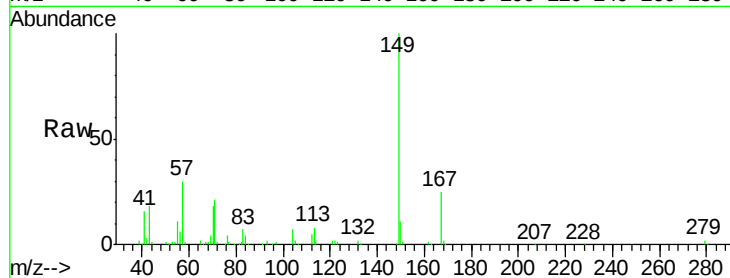
ClientSampleId :

PB82874BS

Tot Ion:	149	Resp:	235639
Ion Ratio	Lower	Upper	
149	100		
167	24.9	22.2	33.2
279	2.2	3.2	4.8#

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 40.67 ng

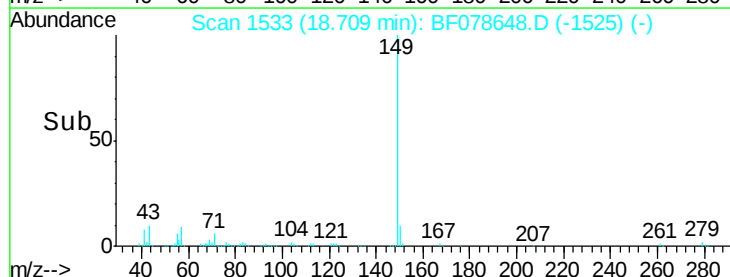
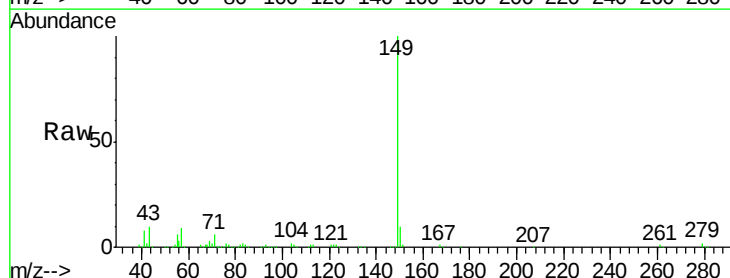
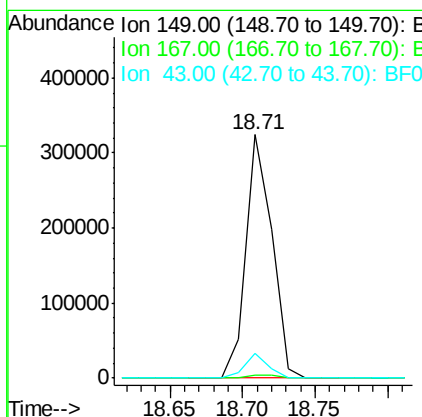
RT: 18.71 min Scan# 1533

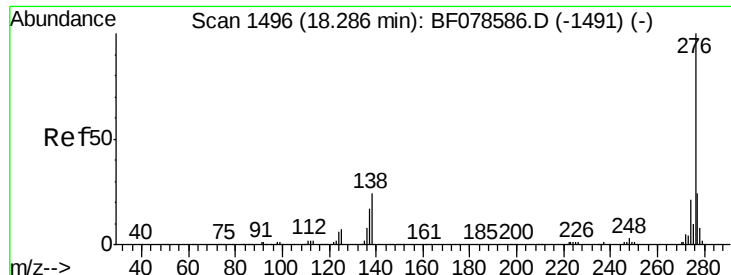
Delta R.T. -0.01 min

Lab File: BF078648.D

Acq: 20 Apr 2015 17:07

Tgt Ion:	149	Resp:	404391
Ion Ratio	Lower	Upper	
149	100		
167	1.5	0.0	0.0#
43	9.6	0.0	0.0#





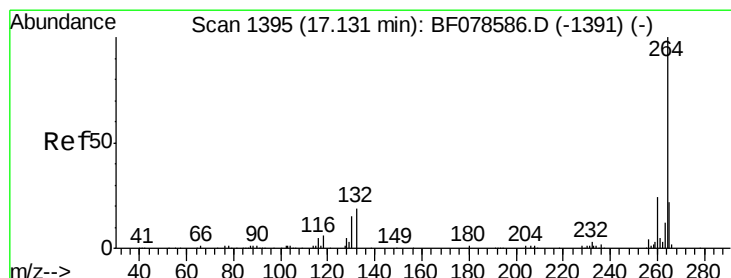
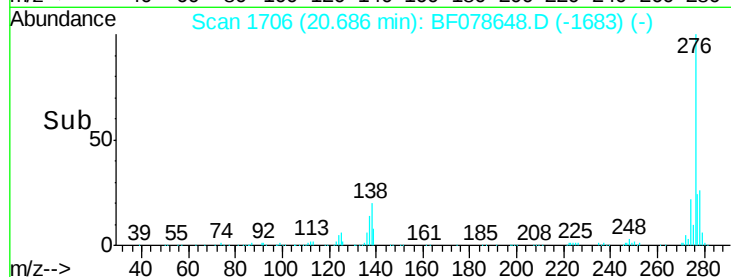
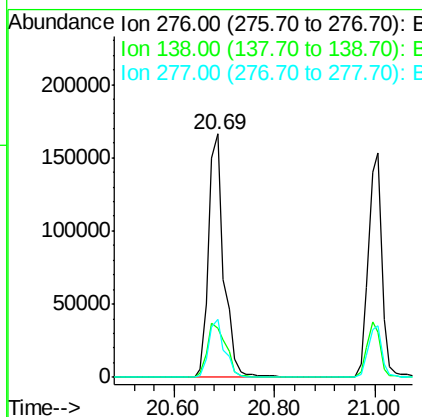
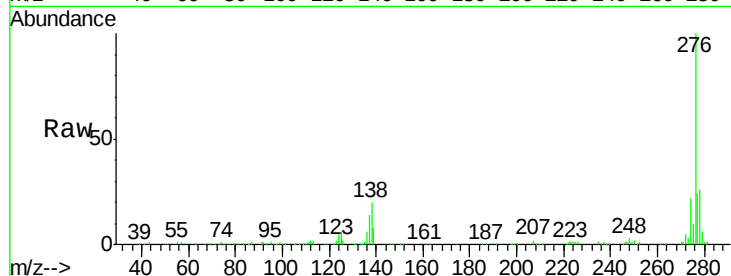
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.46 ng
 RT: 20.69 min Scan# 1706
 Delta R.T. -0.03 min
 Lab File: BF078648.D
 Acq: 20 Apr 2015 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB82874BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.2	16.9	25.3#
277	24.8	15.8	23.6#

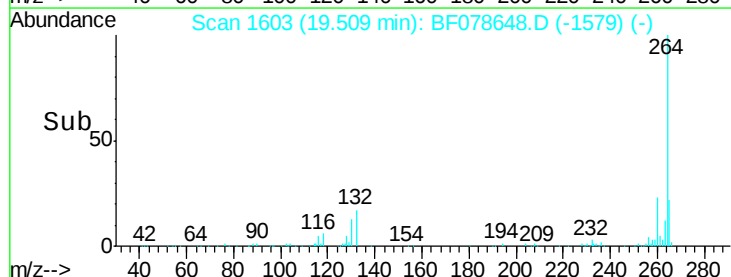
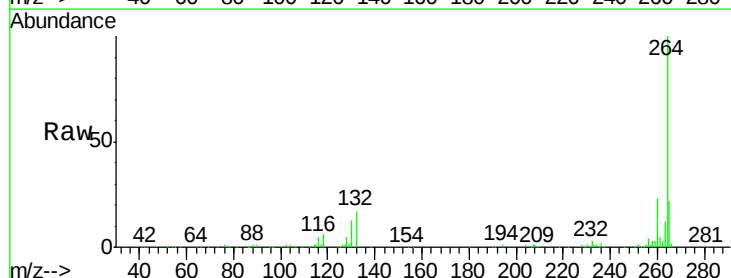
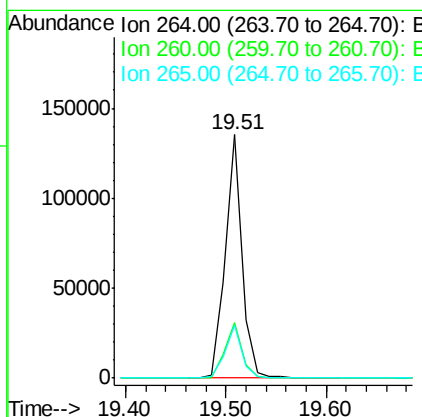
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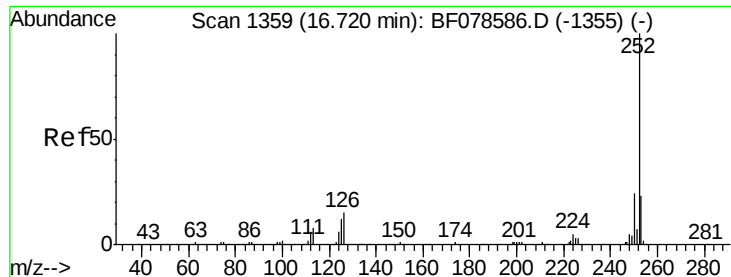
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.51 min Scan# 1603
 Delta R.T. -0.02 min
 Lab File: BF078648.D
 Acq: 20 Apr 2015 17:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.6	27.8
265	21.7	17.0	25.6





#87

Benzo(b)fluoranthene

Concen: 33.22 ng

RT: 19.09 min Scan# 1566

Delta R.T. -0.01 min

Lab File: BF078648.D

Acq: 20 Apr 2015 17:07

Instrument :

BNA_F

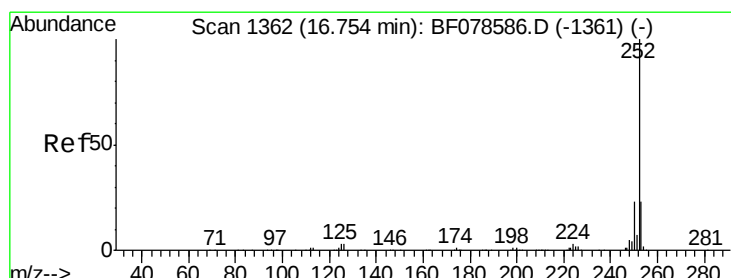
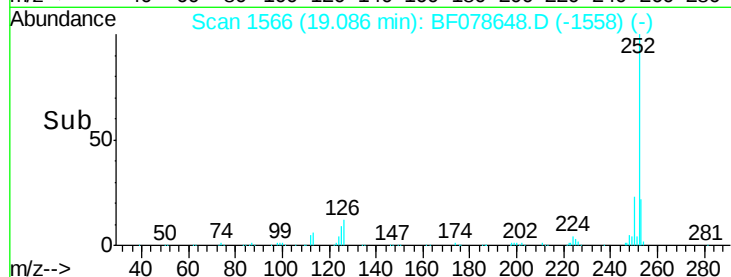
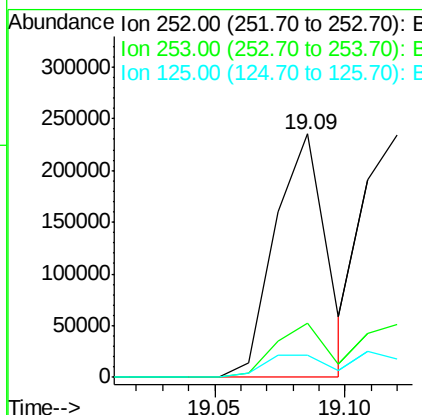
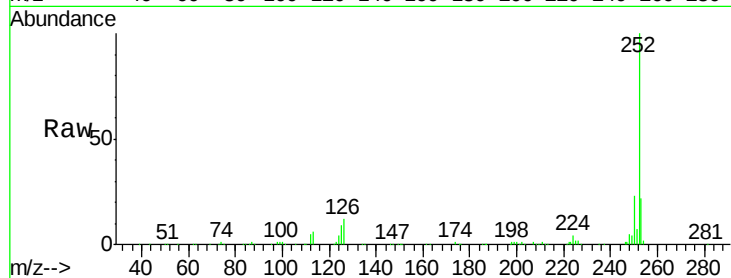
ClientSampleId :

PB82874BS

Tot Ion:	252	Resp:	321498
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.2	25.8
125	9.1	7.0	10.4

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#88

Benzo(k)fluoranthene

Concen: 36.23 ng m

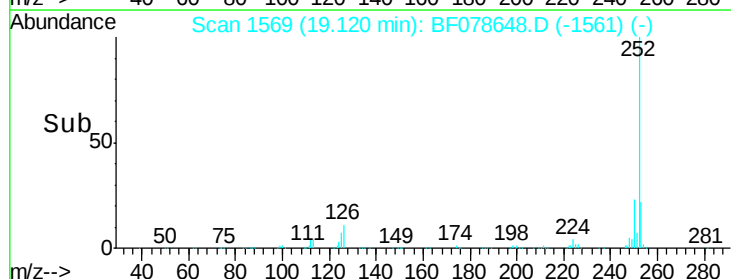
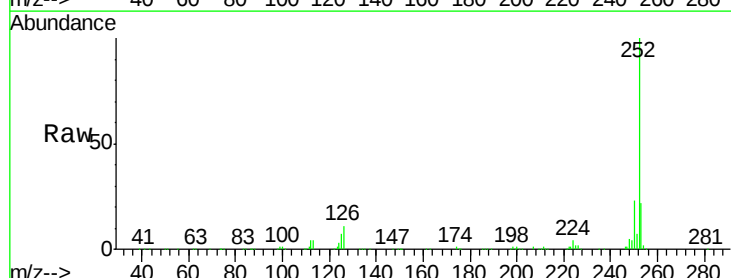
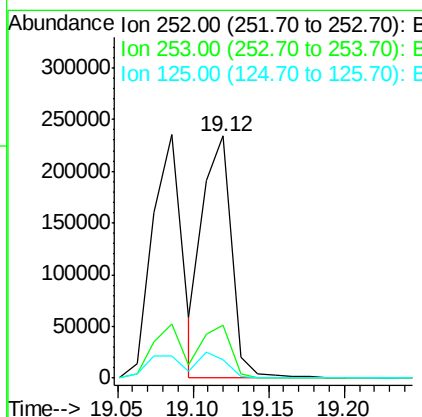
RT: 19.12 min Scan# 1569

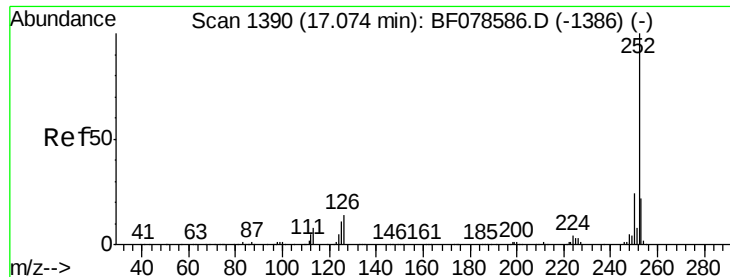
Delta R.T. -0.01 min

Lab File: BF078648.D

Acq: 20 Apr 2015 17:07

Tgt Ion:	252	Resp:	311613
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.5	26.3
125	7.3	11.6	17.4#





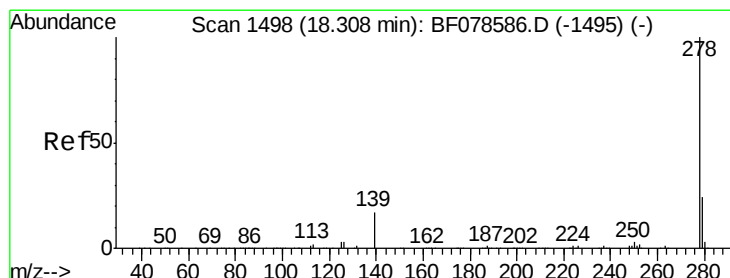
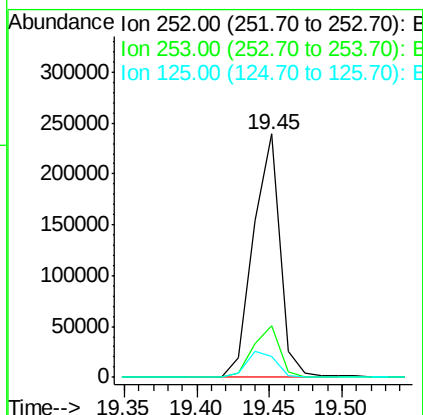
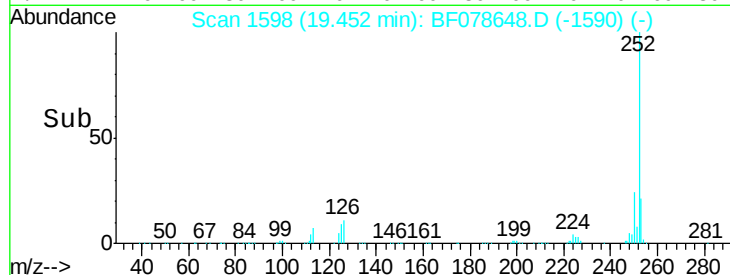
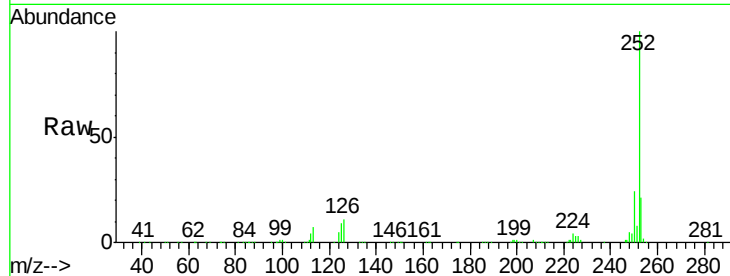
#89
Benzo(a)pyrene
Concen: 36.31 ng
RT: 19.45 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF078648.D
Acq: 20 Apr 2015 17:07

Instrument :
BNA_F
ClientSampleId :
PB82874BS

Tot Ion:	252	Resp:	306702
Ion Ratio	Lower	Upper	
252	100		
253	21.3	16.8	25.2
125	8.7	7.4	11.0

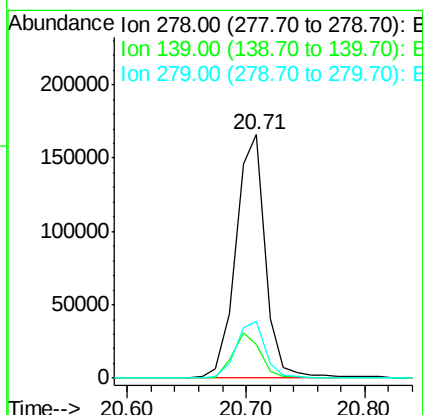
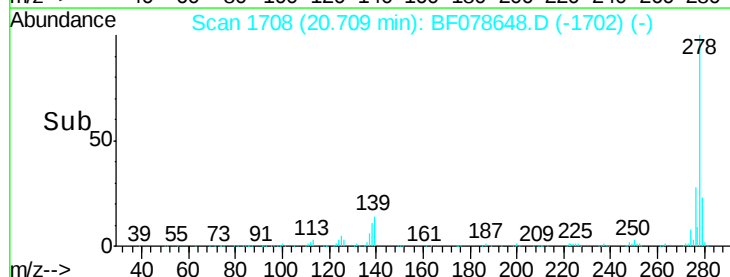
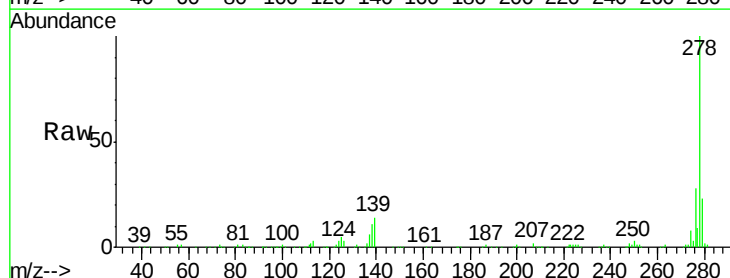
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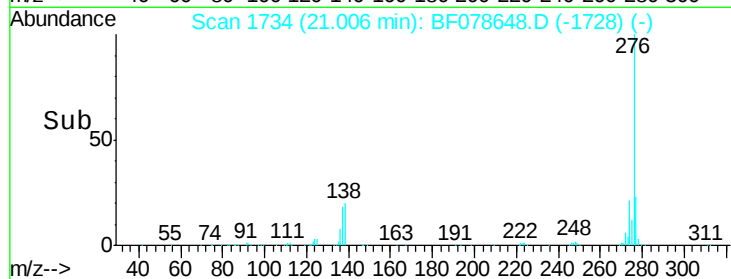
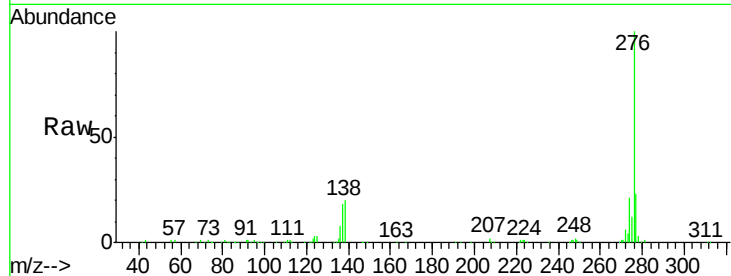
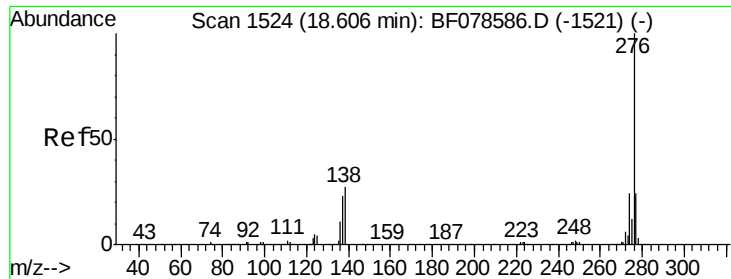
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#90
Dibenzo(a,h)anthracene
Concen: 34.09 ng
RT: 20.71 min Scan# 1708
Delta R.T. -0.03 min
Lab File: BF078648.D
Acq: 20 Apr 2015 17:07

Tgt Ion:	278	Resp:	288232
Ion Ratio	Lower	Upper	
278	100		
139	14.0	13.6	20.4
279	23.5	19.0	28.6





#91
 Benzo(a,h,i)perylene
 Concen: 33.93 ng
 RT: 21.01 min Scan# 1734
 Delta R.T. -0.03 min
 Lab File: BF078648.D
 Acq: 20 Apr 2015 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB82874BS

Tot Ion:	276	Resp:	287634
Ion Ratio	Lower	Upper	
276	100		
277	22.9	19.0	28.4
138	20.3	19.9	29.9

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