

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040518\
 Data File : BF104274.D
 Acq On : 5 Apr 2018 17:29
 Operator : JU/SJ
 Sample : PB107931BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107931BSD

Manual Integrations
 APPROVED

Sohil
 4/6/2018 11:57:50 AM

Quant Time: Apr 06 01:21:11 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:06:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	110764	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	478876	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	233085	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	444727	20.00	ng	0.00
75) Chrysene-d12	14.14	240	370157	20.00	ng	0.00
86) Perylene-d12	15.67	264	339872	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	525921	75.72	ng	0.00
7) Phenol-d6	6.59	99	685438	80.21	ng	-0.02
23) Nitrobenzene-d5	7.52	82	634828	81.07	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	219549	84.59	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	1263084	85.45	ng	0.00
78) Terphenyl-d14	13.06	244	1285317	80.18	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.87	88	93408	31.182	ng	# 83
3) Pyridine	3.68	79	166095	21.902	ng	# 84
4) n-Nitrosodimethylamine	3.67	42	36885m	16.363	ng	
6) Aniline	6.63	93	154589	15.112	ng	# 69
8) 2-Chlorophenol	6.73	128	314760	41.313	ng	97
9) Benzaldehyde	6.55	77	18793	2.843	ng	97
10) Phenol	6.60	94	408753	43.172	ng	94
11) bis(2-Chloroethyl)ether	6.68	93	350098	42.911	ng	88
12) 1,3-Dichlorobenzene	6.89	146	292717	34.179	ng	97
13) 1,4-Dichlorobenzene	6.96	146	357326	38.938	ng	98
14) 1,2-Dichlorobenzene	7.11	146	328068	39.774	ng	99
15) Benzyl Alcohol	7.10	79	185314m	33.355	ng	
16) 2,2'-oxybis(1-Chloropropan	7.21	45	344703	38.781	ng	# 45
17) 2-Methylphenol	7.20	107	237992	38.380	ng	# 73
18) Hexachloroethane	7.45	117	118220	38.477	ng	96
19) n-Nitroso-di-n-propylamine	7.35	70	210225	41.455	ng	89
20) 3+4-Methylphenols	7.36	107	285325	36.053	ng	# 51
22) Acetophenone	7.36	105	434484	37.500	ng	# 99
24) Nitrobenzene	7.53	77	261002	31.679	ng	99
25) Isophorone	7.76	82	590739	40.936	ng	99
26) 2-Nitrophenol	7.85	139	171445	39.865	ng	90
27) 2,4-Dimethylphenol	7.88	122	268931	43.359	ng	99
28) bis(2-Chloroethoxy)methane	7.97	93	357013	39.473	ng	99
29) 2,4-Dichlorophenol	8.09	162	261659	40.389	ng	98
30) 1,2,4-Trichlorobenzene	8.16	180	271907	36.991	ng	98
31) Naphthalene	8.25	128	946305	40.449	ng	100
32) Benzoic acid	8.02	122	91045	20.038	ng	# 81
33) 4-Chloroaniline	8.33	127	102080	10.350	ng	# 90
34) Hexachlorobutadiene	8.35	225	143124	35.781	ng	99
35) Caprolactam	8.67	113	72448m	35.268	ng	
36) 4-Chloro-3-methylphenol	8.79	107	283921	41.434	ng	98
37) 2-Methylnaphthalene	8.94	142	595562	38.647	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	274725	38.436	ng	99
40) Hexachlorocyclopentadiene	9.08	237	191623	58.508	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	152970	33.798	nq	99
43) 2,4,5-Trichlorophenol	9.27	196	191102	34.970	nq	95
45) 1,1'-Biphenyl	9.40	154	762847	38.133	nq	98
46) 2-Chloronaphthalene	9.43	162	585466	37.101	nq	98
47) 2-Nitroaniline	9.55	65	164649	36.591	nq	92
48) Acenaphthylene	9.85	152	869861	36.386	nq	99
49) Dimethylphthalate	9.70	163	676085	36.738	nq	100
50) 2,6-Dinitrotoluene	9.77	165	154133	38.930	nq	95
51) Acenaphthene	10.02	154	490817	35.490	nq	98
52) 3-Nitroaniline	9.97	138	80544	17.697	nq	# 95
53) 2,4-Dinitrophenol	10.07	184	78989	48.088	nq	# 37
54) Dibenzofuran	10.19	168	763279	37.794	nq	96
55) 4-Nitrophenol	10.15	139	117543	43.073	nq	93
56) 2,4-Dinitrotoluene	10.19	165	191190	37.844	nq	# 93
57) Fluorene	10.54	166	633160	38.007	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	183998	44.940	nq	# 87
59) Diethylphthalate	10.40	149	654035	37.098	nq	97
60) 4-Chlorophenyl-phenylether	10.52	204	294752	38.523	nq	97
61) 4-Nitroaniline	10.59	138	137163	32.209	nq	91
62) Azobenzene	10.69	77	608252	38.156	nq	92
64) 4,6-Dinitro-2-methylphenol	10.60	198	84330	31.326	nq	84
65) n-Nitrosodiphenylamine	10.65	169	559614	37.155	nq	99
66) 4-Bromophenyl-phenylether	11.02	248	189219	39.769	nq	92
67) Hexachlorobenzene	11.08	284	198131	36.201	nq	92
68) Atrazine	11.17	200	176419	38.234	nq	98
69) Pentachlorophenol	11.29	266	178324	59.210	nq	97
70) Phenanthrene	11.50	178	880484	36.568	nq	99
71) Anthracene	11.56	178	1070435	42.562	nq	99
72) Carbazole	11.72	167	954635	39.770	nq	99
73) Di-n-butylphthalate	12.02	149	1069702	37.412	nq	98
74) Fluoranthene	12.70	202	1037758	40.547	nq	99
76) Benzidine	12.83	184	319634	30.301	nq	97
77) Pyrene	12.93	202	1007146	37.850	nq	99
79) Butylbenzylphthalate	13.53	149	470451	37.527	nq	97
80) Benzo(a)anthracene	14.13	228	828362	35.765	nq	99
81) 3,3'-Dichlorobenzidine	14.09	252	159776	20.841	nq	99
82) Chrysene	14.16	228	943909	41.609	nq	99
83) Bis(2-ethylhexyl)phthalate	14.07	149	613046	37.848	nq	100
84) Di-n-octyl phthalate	14.70	149	1058966	38.006	nq	# 94
85) Indeno(1,2,3-cd)pyrene	17.26	276	729558	31.035	nq	96
87) Benzo(b)fluoranthene	15.21	252	750673	36.292	nq	98
88) Benzo(k)fluoranthene	15.24	252	876839	45.001	nq	98
89) Benzo(a)pyrene	15.60	252	770357	40.190	nq	98
90) Dibenzo(a,h)anthracene	17.26	278	609773	34.408	nq	98
91) Benzo(g,h,i)perylene	17.73	276	580589	32.708	nq	96

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



#1

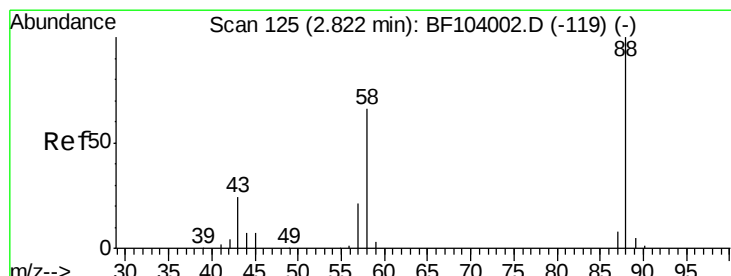
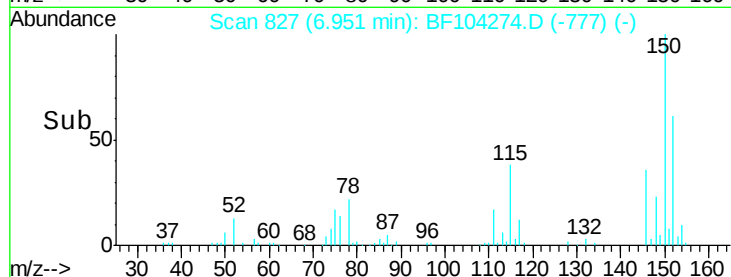
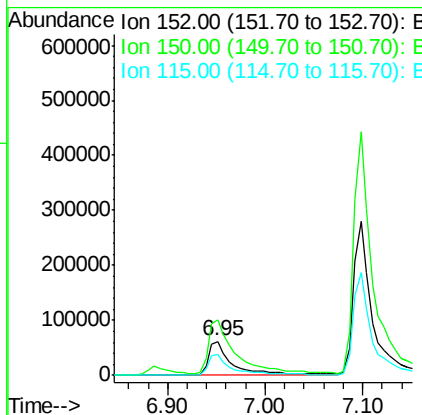
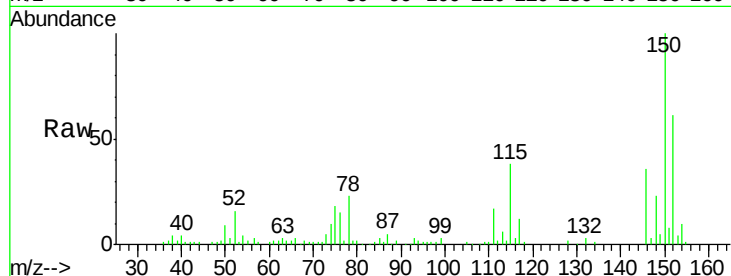
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF104274.D
Acq: 5 Apr 2018 17:29

Instrument :
BNA_F
ClientSampleID :
PB107931BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.0	124.6	186.8
115	61.9	50.1	75.1

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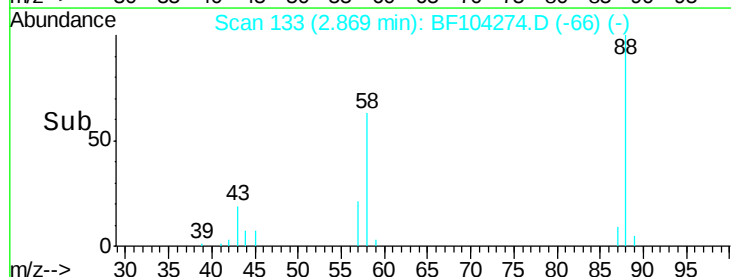
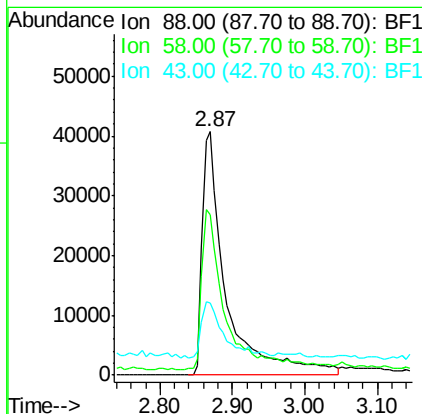
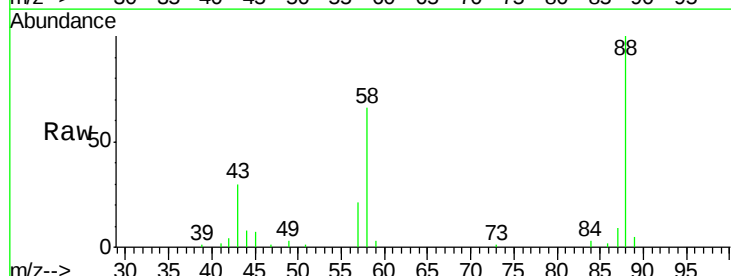
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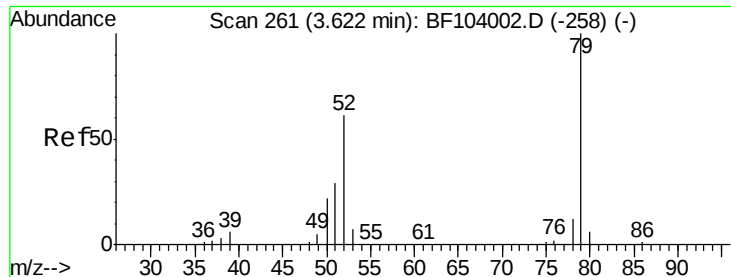


#2

1,4-Dioxane
Concen: 31.182 ng
RT: 2.87 min Scan# 133
Delta R.T. 0.09 min
Lab File: BF104274.D
Acq: 5 Apr 2018 17:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.7	62.6	93.8
43	20.7	24.6	37.0





#3

Pvridine

Concen: 21.902 ng

RT: 3.68 min Scan# 271

Delta R.T. 0.08 min

Lab File: BF104274.D

Acq: 5 Apr 2018 17:29

Instrument :

BNA_F

ClientSampleId :

PB107931BSD

Tot Ion: 79 Resp: 166095

Ion Ratio Lower Upper

79 100

52 59.2 59.8 89.6#

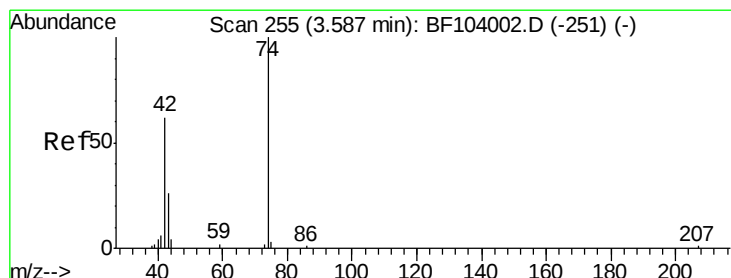
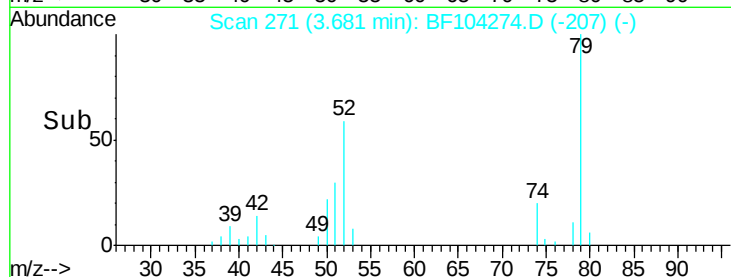
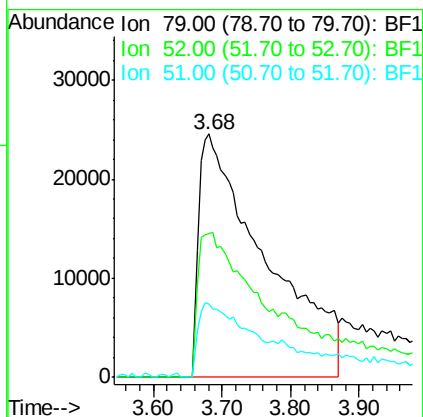
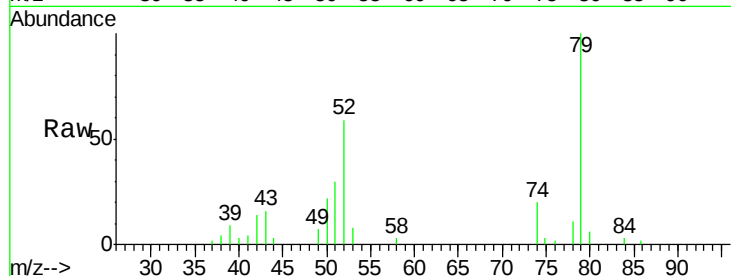
51 30.0 29.8 44.8

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 16.363 ng m

RT: 3.67 min Scan# 270

Delta R.T. 0.09 min

Lab File: BF104274.D

Acq: 5 Apr 2018 17:29

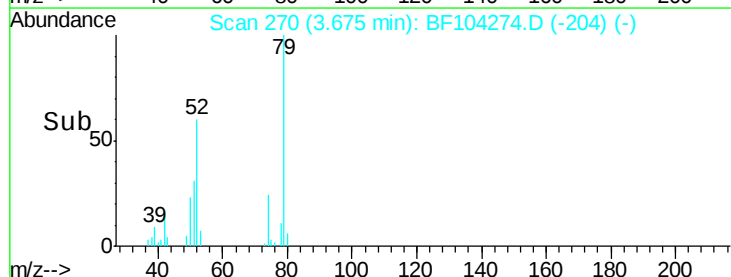
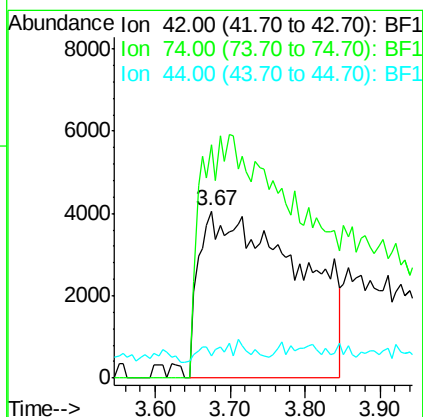
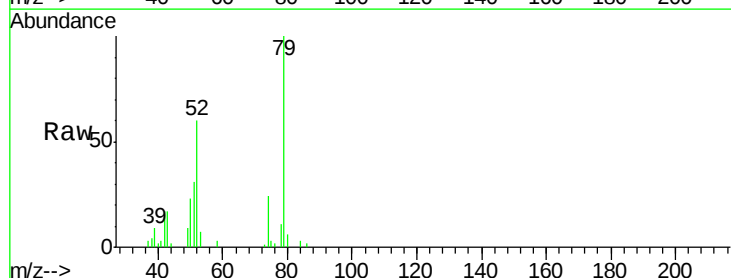
Tgt Ion: 42 Resp: 36885

Ion Ratio Lower Upper

42 100

74 139.2 104.9 157.3

44 13.4 6.9 10.3#





#5

2-Fluorophenol

Concen: 75.721 ng

RT: 5.59 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF104274.D

Acq: 5 Apr 2018 17:29

Instrument :

BNA_F

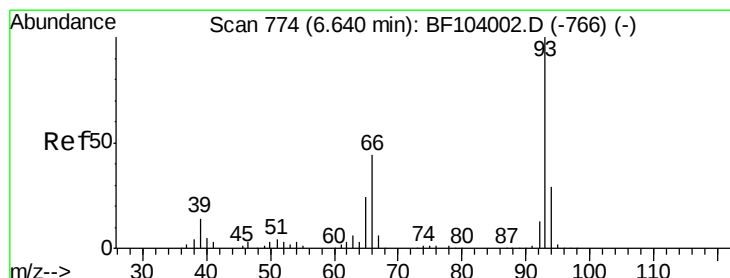
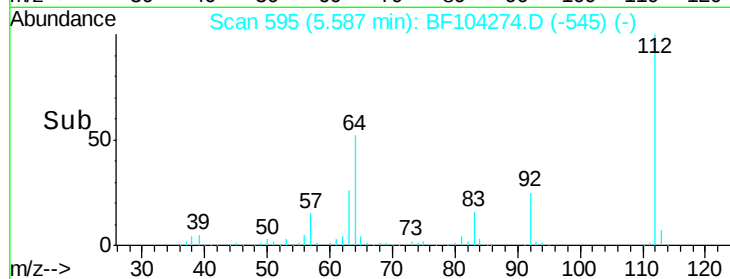
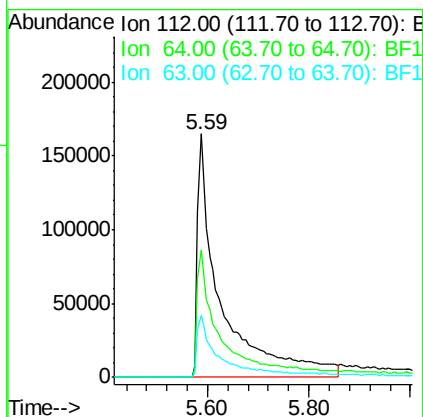
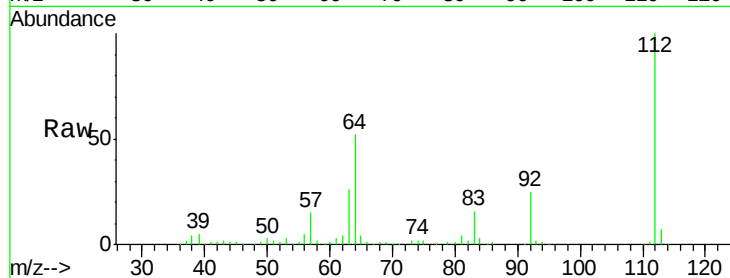
ClientSampleID :

PB107931BSD

Tot Ion:	112	Resp:	525921
Ion Ratio	Lower	Upper	
112	100		
64	52.2	47.9	71.9
63	25.6	23.7	35.5

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#6

Aniline

Concen: 15.112 ng

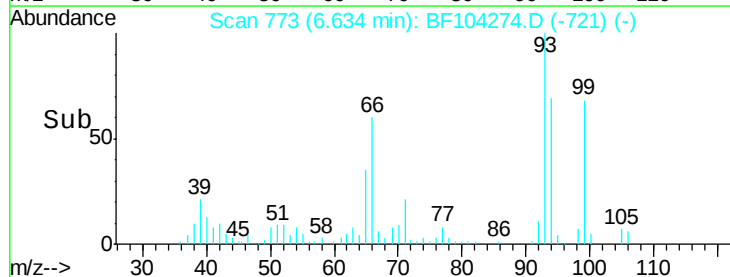
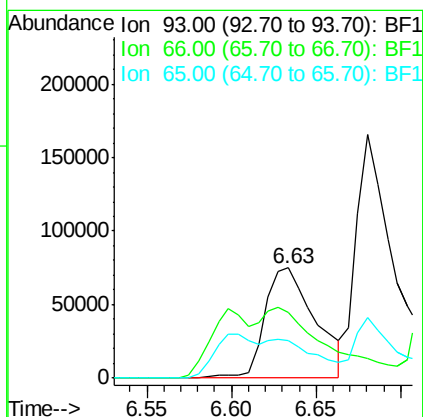
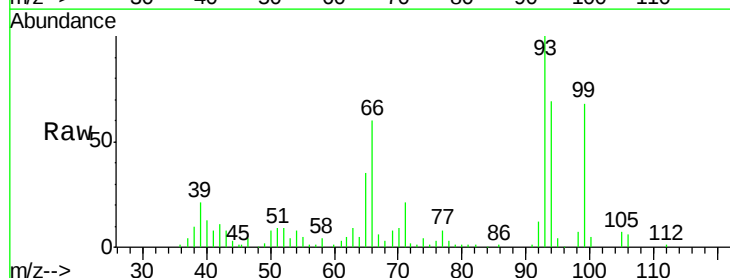
RT: 6.63 min Scan# 773

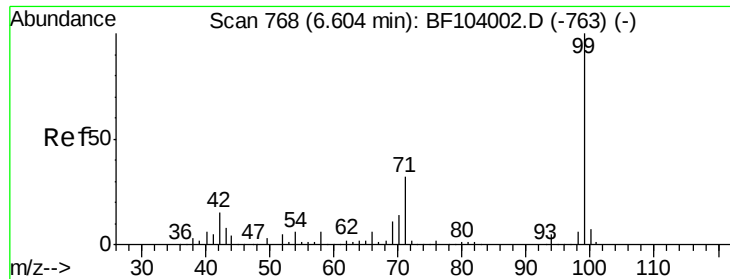
Delta R.T. 0.01 min

Lab File: BF104274.D

Acq: 5 Apr 2018 17:29

Tgt Ion:	93	Resp:	154589
Ion Ratio	Lower	Upper	
93	100		
66	59.8	32.2	48.2#
65	34.6	16.4	24.6#





#7

Phenol-d6

Concen: 80.214 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF104274.D

Acq: 5 Apr 2018 17:29

Instrument :

BNA_F

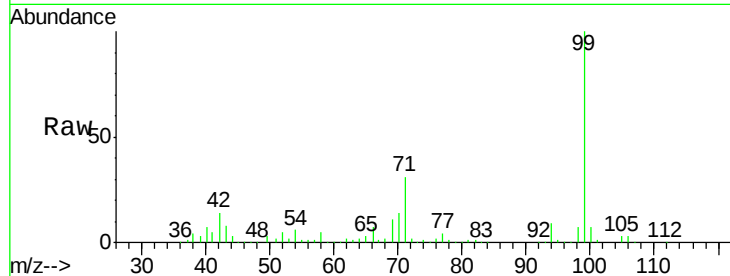
ClientSampleId :

PB107931BSD

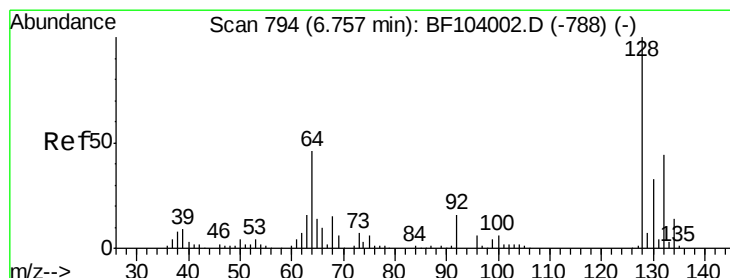
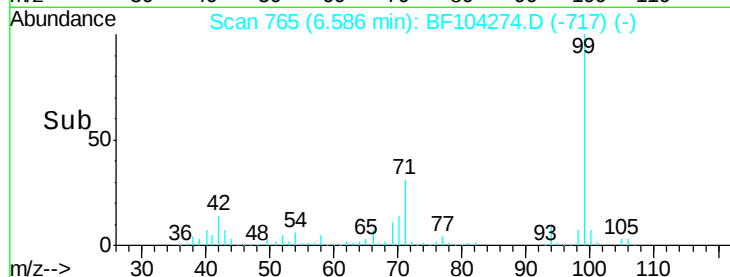
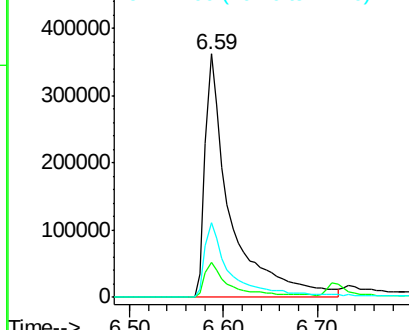
Tot Ion:	99	Resp:	685438
Ion Ratio	Lower	Upper	
99	100		
42	14.5	14.5	21.7
71	30.9	25.4	38.0

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.313 ng

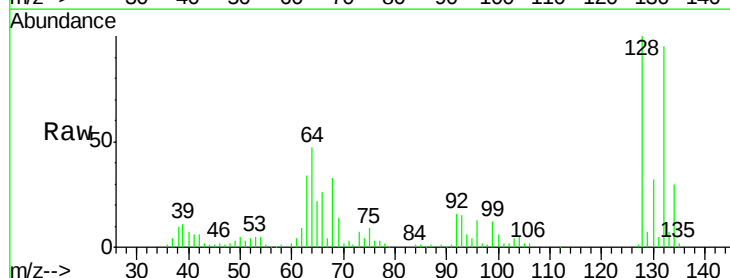
RT: 6.73 min Scan# 790

Delta R.T. -0.01 min

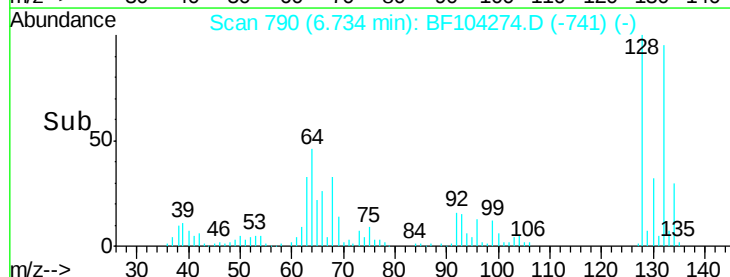
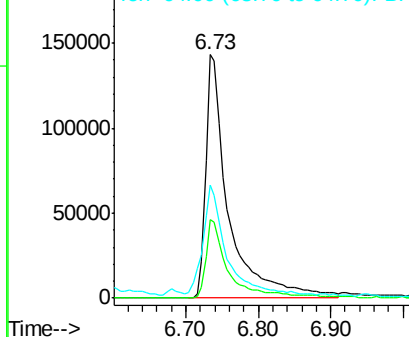
Lab File: BF104274.D

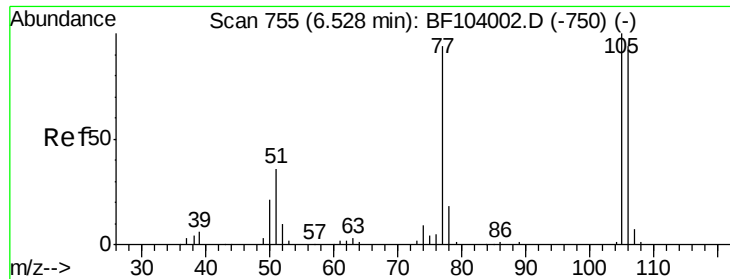
Acq: 5 Apr 2018 17:29

Tgt Ion:	128	Resp:	314760
Ion Ratio	Lower	Upper	
128	100		
130	32.2	13.0	53.0
64	46.7	29.4	69.4



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): BF1





#9

Benzaldehyde

Concen: 2.843 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.04 min

Lab File: BF104274.D

Acq: 5 Apr 2018 17:29

Instrument :

BNA_F

ClientSampleId :

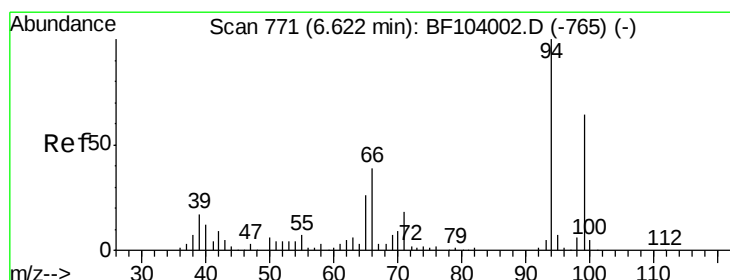
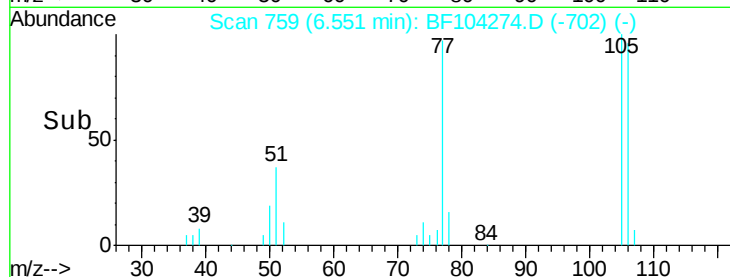
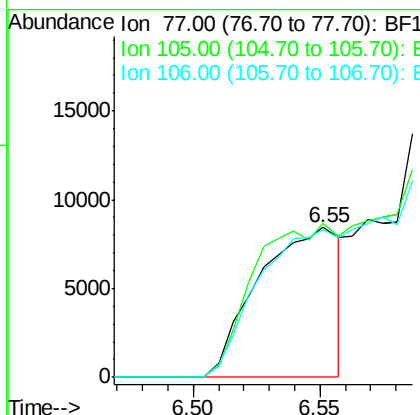
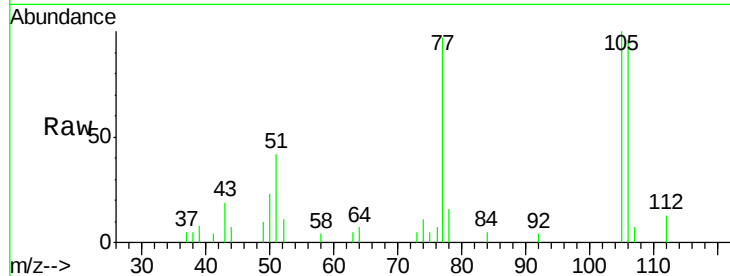
PB107931BSD

Tot Ion: 77 Resp: 18793

Ion	Ratio	Lower	Upper
77	100		
105	102.9	81.1	121.1
106	98.8	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 43.172 ng

RT: 6.60 min Scan# 767

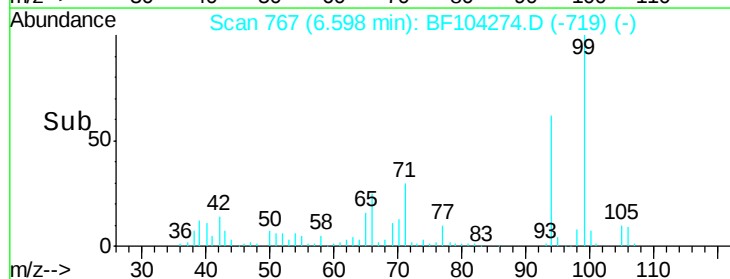
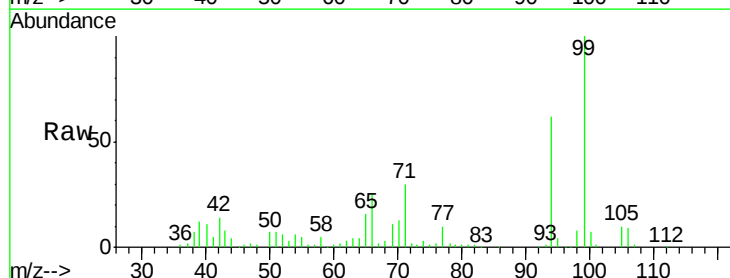
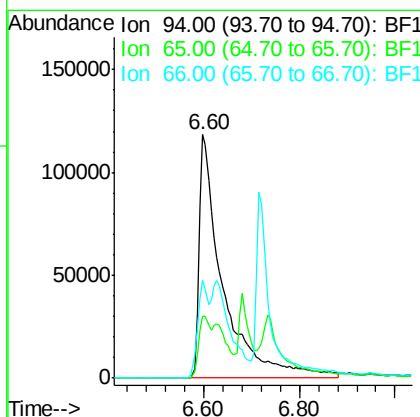
Delta R.T. -0.02 min

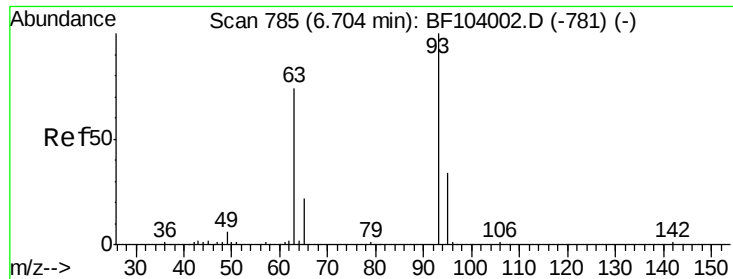
Lab File: BF104274.D

Acq: 5 Apr 2018 17:29

Tgt Ion: 94 Resp: 408753

Ion	Ratio	Lower	Upper
94	100		
65	25.4	7.9	47.9
66	40.2	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 42.911 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.01 min

Lab File: BF104274.D

Acq: 5 Apr 2018 17:29

Instrument :

BNA_F

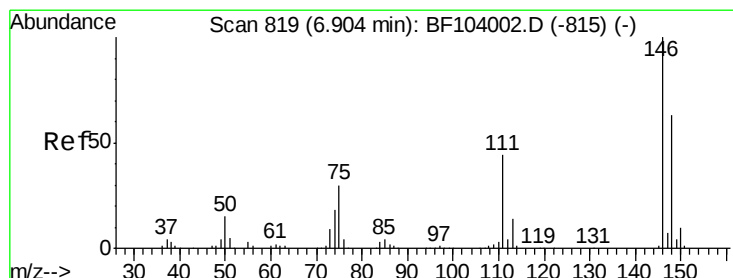
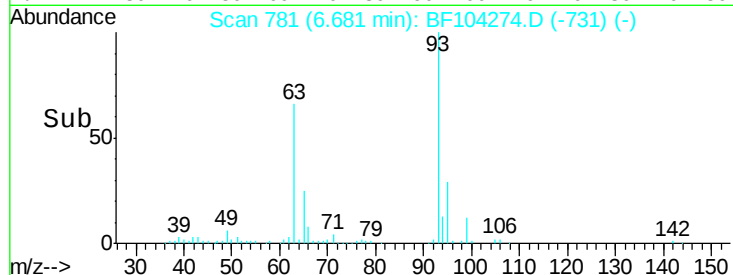
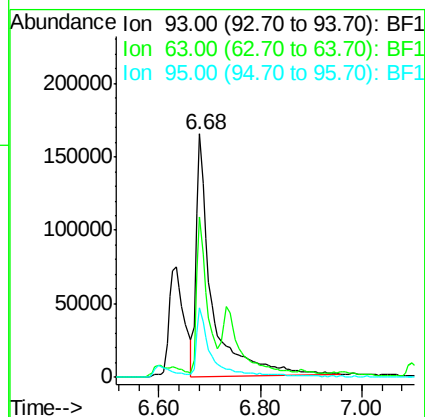
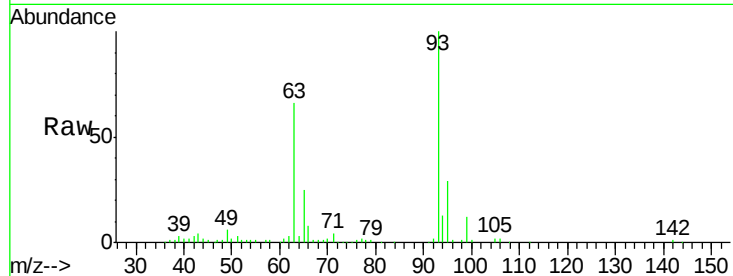
ClientSampleId :

PB107931BSD

Tot Ion:	93	Resp:	350098
Ion Ratio	Lower	Upper	
93	100		
63	66.0	58.6	98.6
95	28.7	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 34.179 ng

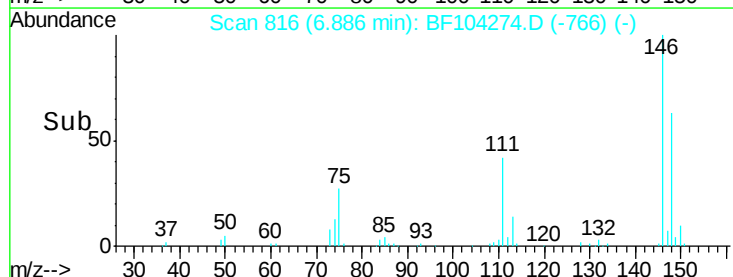
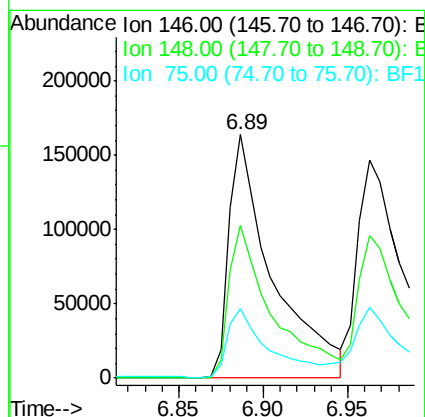
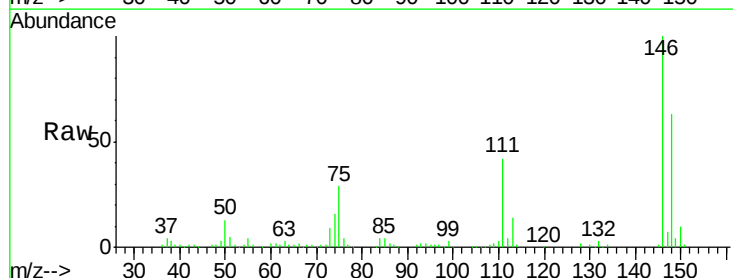
RT: 6.89 min Scan# 816

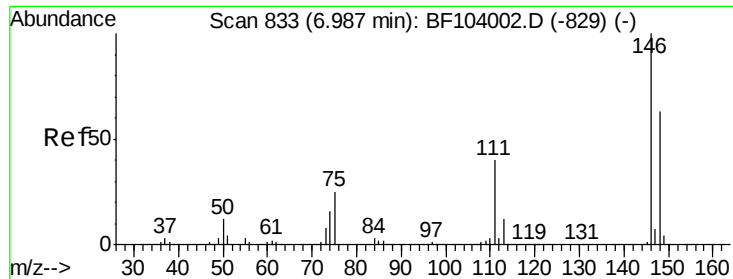
Delta R.T. -0.01 min

Lab File: BF104274.D

Acq: 5 Apr 2018 17:29

Tgt Ion:	146	Resp:	292717
Ion Ratio	Lower	Upper	
146	100		
148	62.8	51.8	77.8
75	28.6	24.2	36.4





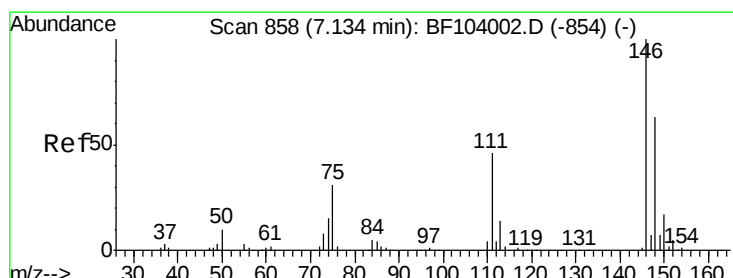
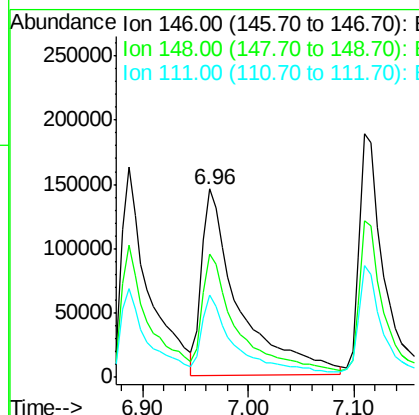
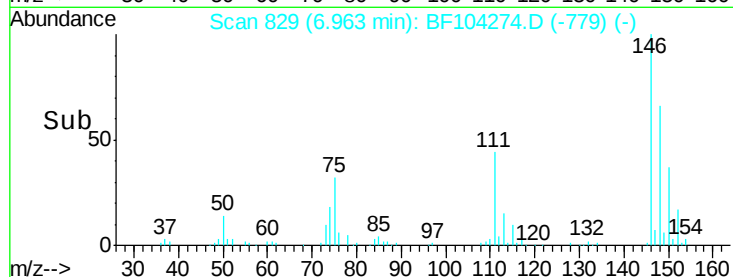
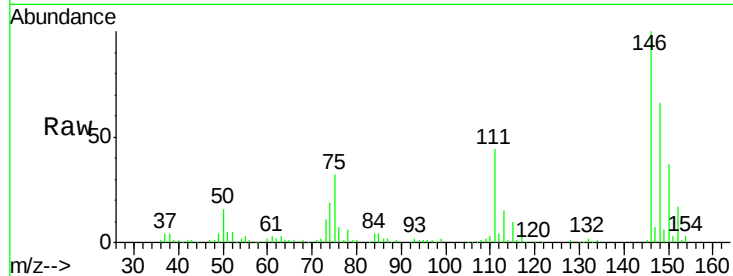
#13
 1,4-Dichlorobenzene
 Concen: 38.938 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF104274.D
 Acq: 5 Apr 2018 17:29

Instrument :
 BNA_F
 ClientSampleID :
 PB107931BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.7	50.8	76.2
111	43.5	34.2	51.2

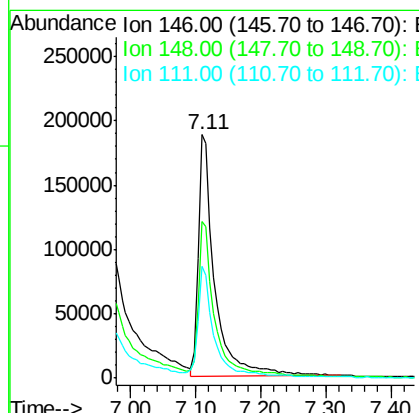
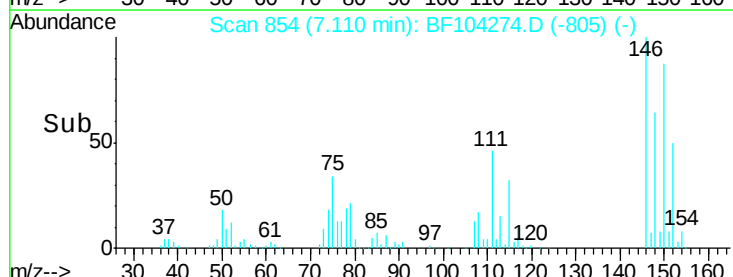
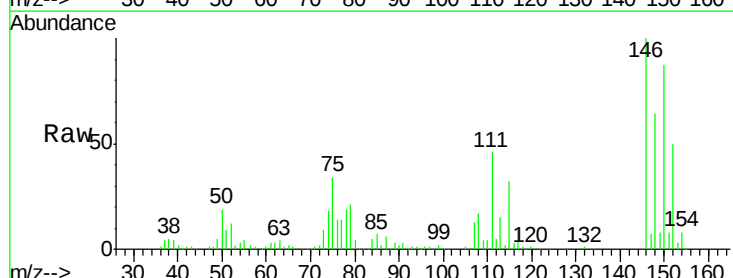
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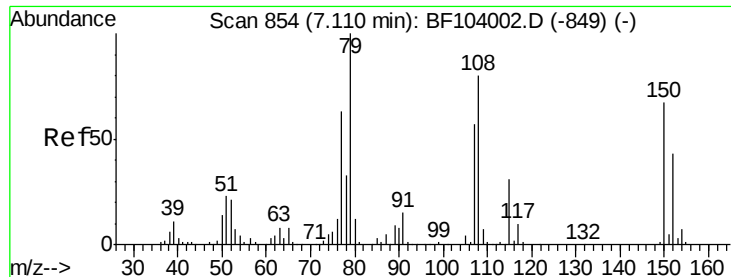
Sohil
 4/6/2018 11:57:50 AM



#14
 1,2-Dichlorobenzene
 Concen: 39.774 ng
 RT: 7.11 min Scan# 854
 Delta R.T. -0.01 min
 Lab File: BF104274.D
 Acq: 5 Apr 2018 17:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.6	75.8
111	45.8	36.0	54.0





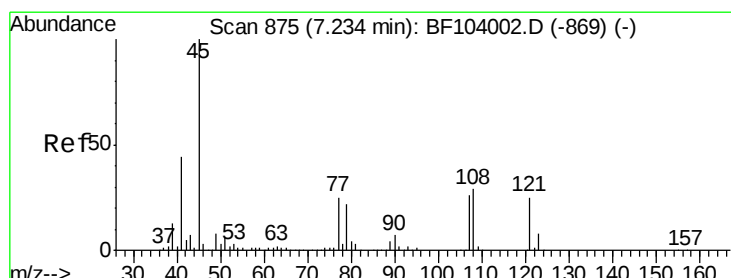
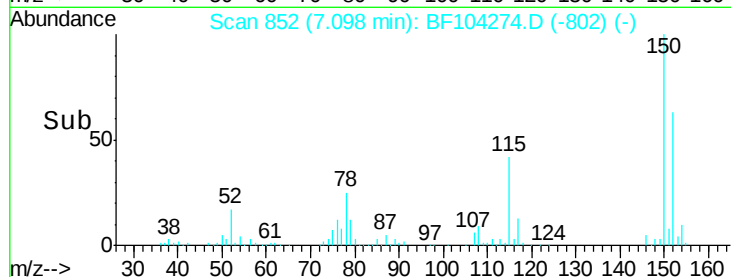
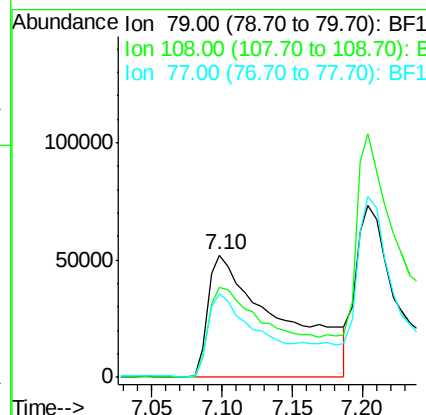
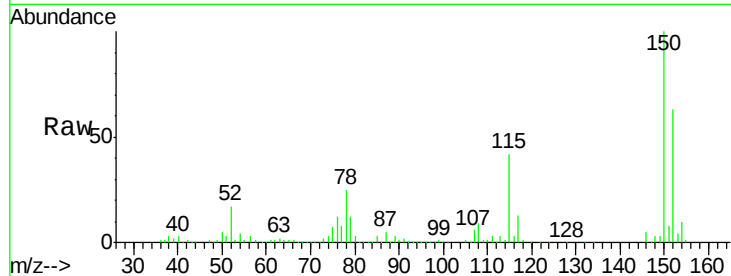
#15
Benzyl Alcohol
Concen: 33.355 ng/ml
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF104274.D
Acq: 5 Apr 2018 17:29

Instrument :
BNA_F
ClientSampleID :
PB107931BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	73.8	65.1	97.7
77	68.6	50.6	75.8

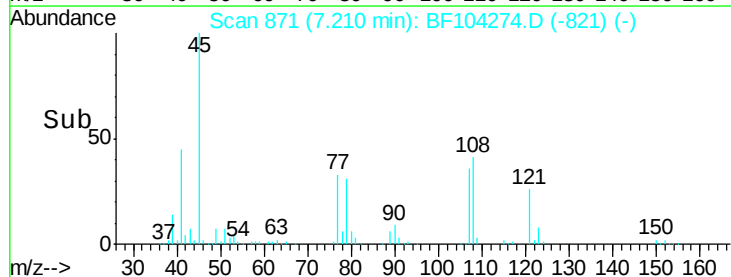
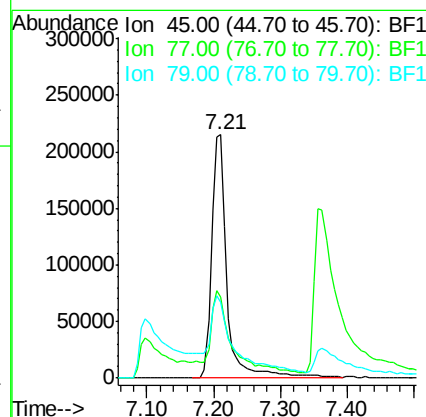
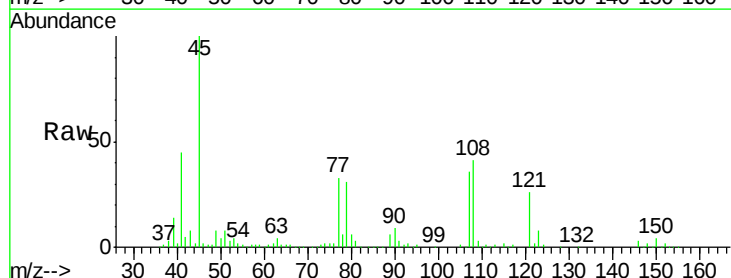
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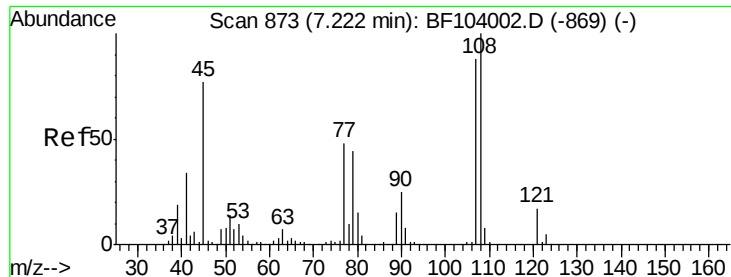
Sohil
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#16
2,2'-oxybis(1-chloropropane)
Concen: 38.781 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF104274.D
Acq: 5 Apr 2018 17:29

Tgt Ion	Ratio	Lower	Upper
45	100		
77	33.5	0.0	32.9#
79	31.4	0.0	29.6#





#17

2-Methylphenol

Concen: 38.380 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF104274.D

Acq: 5 Apr 2018 17:29

Instrument :

BNA_F

ClientSampleId :

PB107931BSD

Tot Ion:107 Resp: 237992
Ion Ratio Lower Upper

107 100

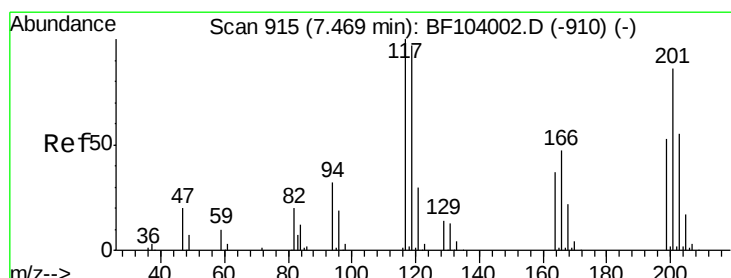
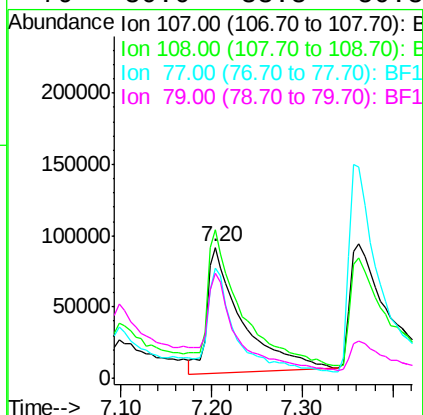
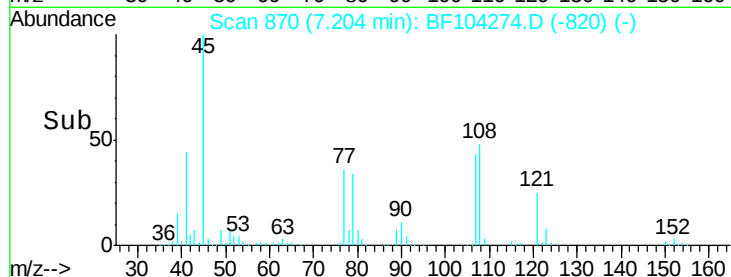
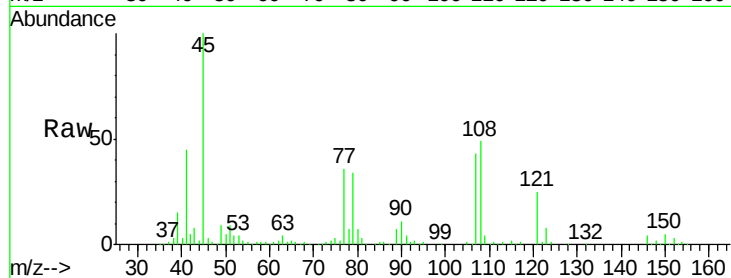
108 113.3 91.7 137.5

77 84.0 33.8 50.8#

79 80.0 33.8 50.8#

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#18

Hexachloroethane

Concen: 38.477 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF104274.D

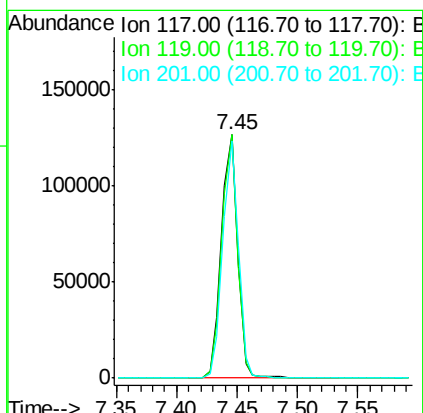
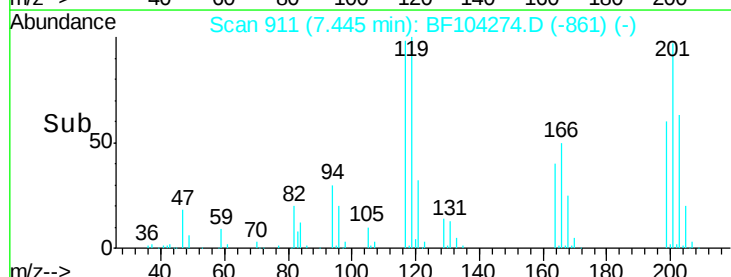
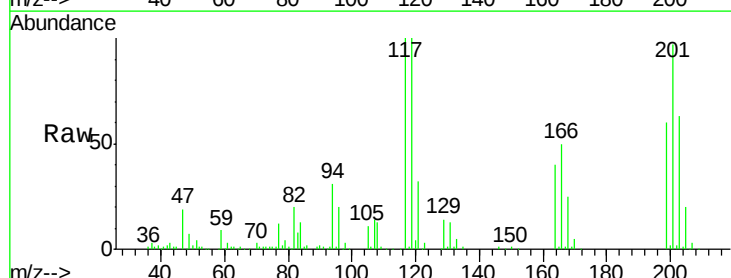
Acq: 5 Apr 2018 17:29

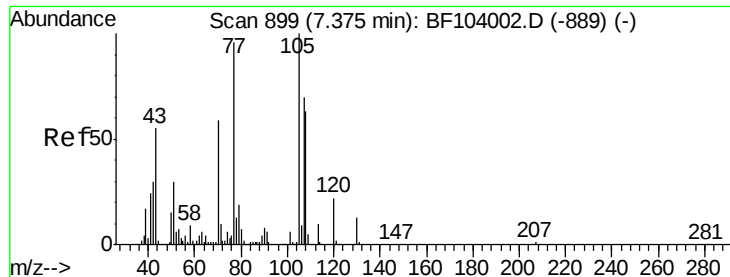
Tgt Ion:117 Resp: 118220
Ion Ratio Lower Upper

117 100

119 100.0 75.8 113.8

201 97.4 75.7 113.5





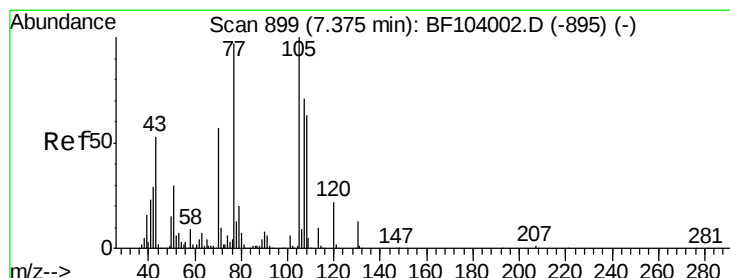
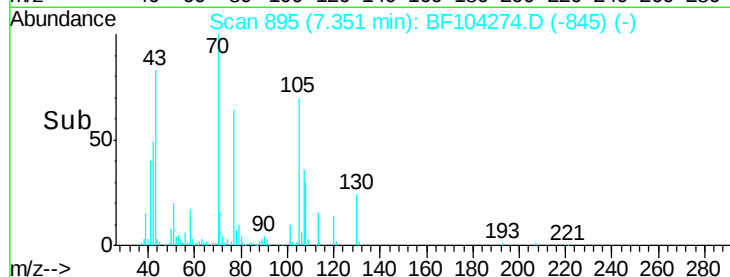
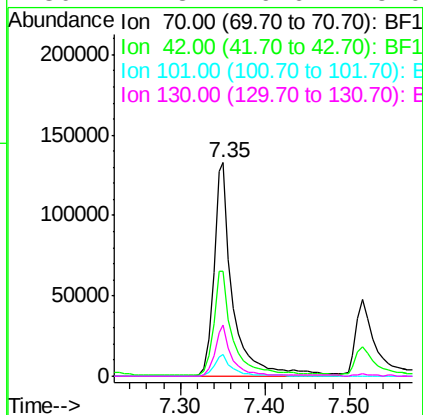
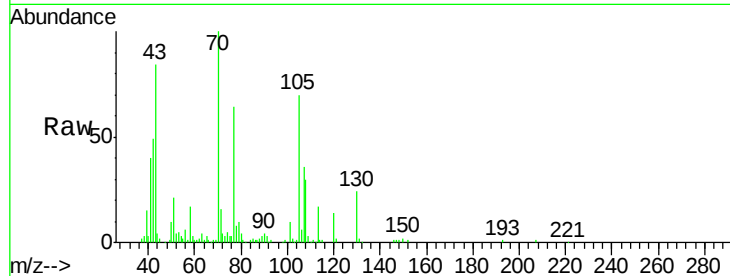
#19
n-Nitroso-di-n-propylamine
Concen: 41.455 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF104274.D
Acq: 5 Apr 2018 17:29

Instrument :
BNA_F
ClientSampleId :
PB107931BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		210225		
42	49.2		47.5	71.3	
101	10.0		7.4	11.2	
130	24.3		16.6	25.0	

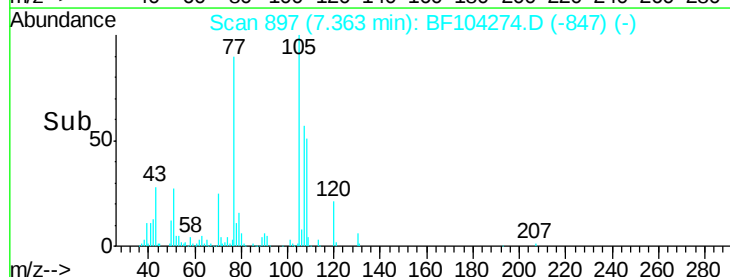
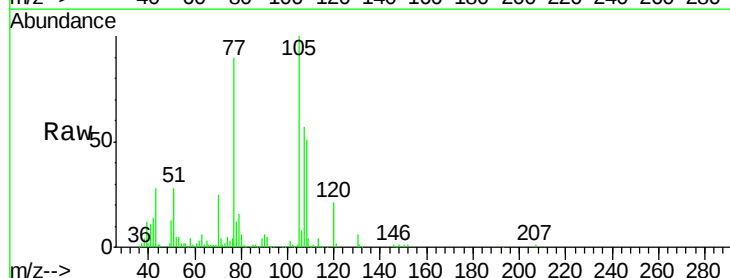
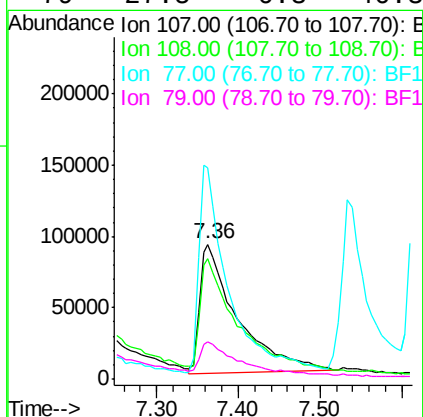
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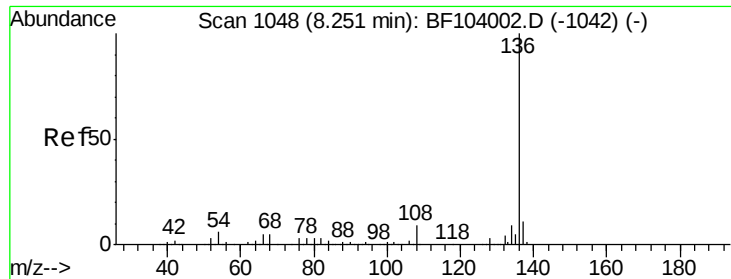
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#20
3+4-Methylphenols
Concen: 36.053 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF104274.D
Acq: 5 Apr 2018 17:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		285325		
108	89.0		68.2	108.2	
77	156.9		26.7	66.7#	
79	27.5		6.3	46.3	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BF104274.D

Acq: 5 Apr 2018 17:29

Instrument :

BNA_F

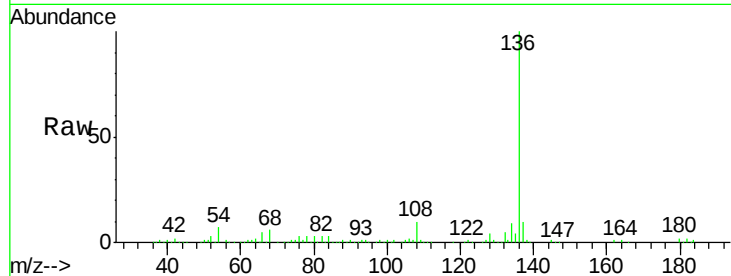
ClientSampleId :

PB107931BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	478876		
137	10.4	8.9	13.3	
54	6.5	6.6	9.8	
68	5.7	5.0	7.4	

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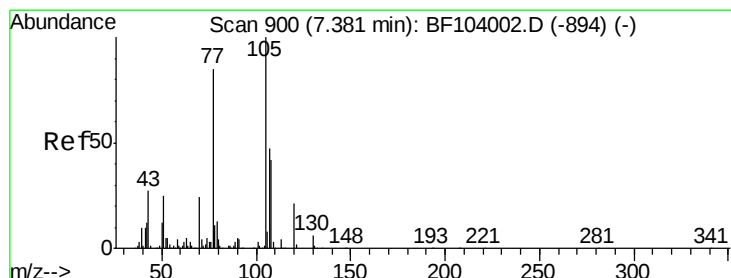
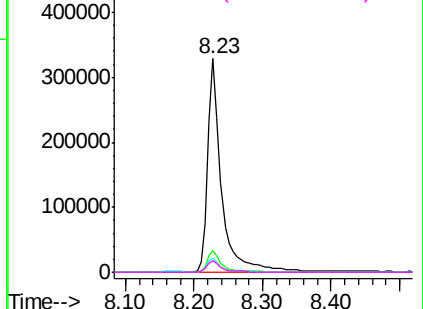
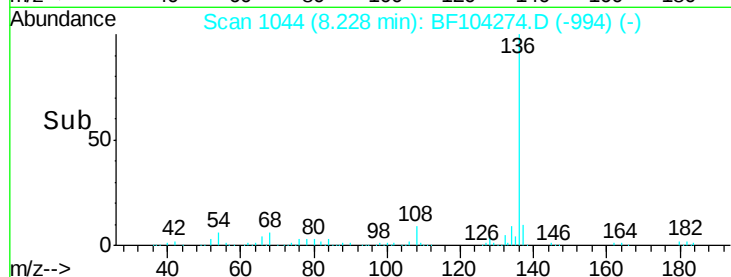
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 37.500 ng

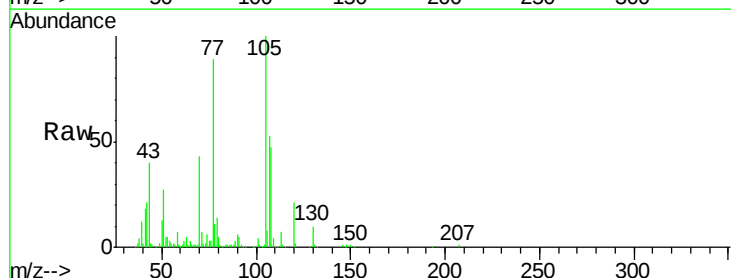
RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF104274.D

Acq: 5 Apr 2018 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	434484		
71	6.9	4.4	6.6	
51	27.0	22.3	33.5	
120	21.0	16.9	25.3	



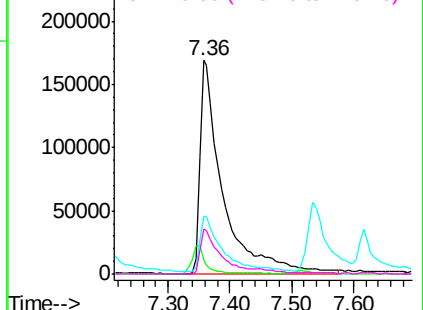
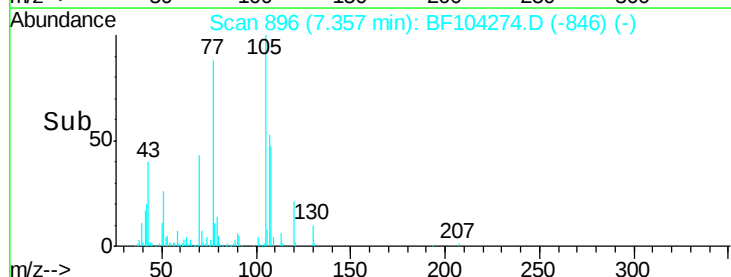
Abundance

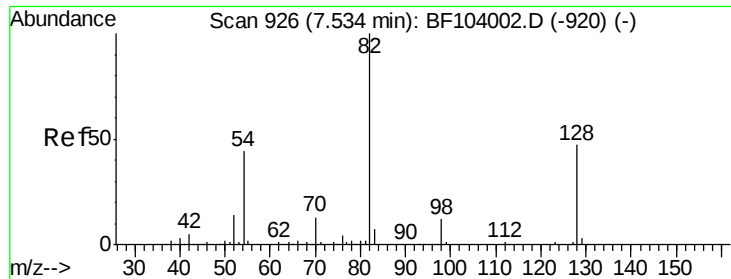
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





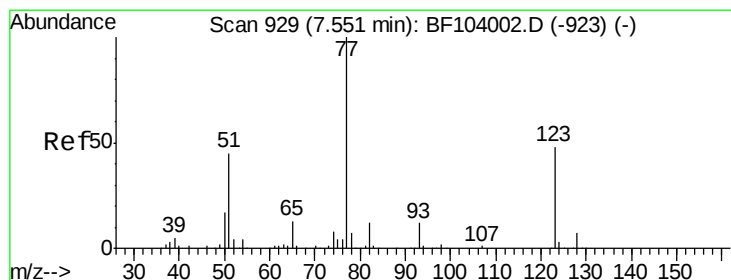
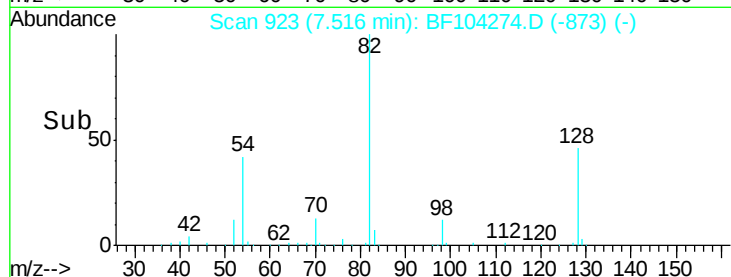
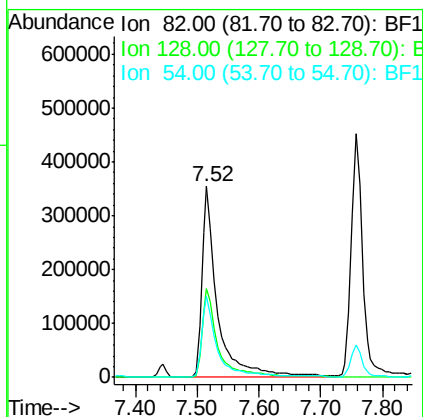
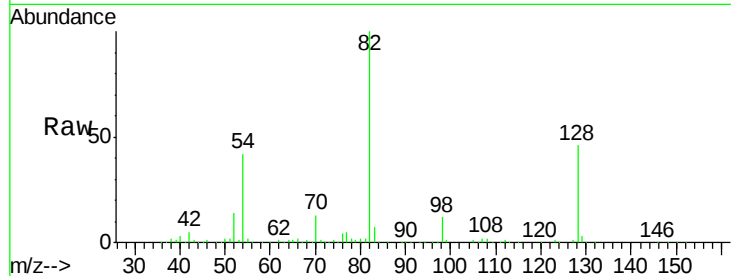
#23
Nitrobenzene-d5
Concen: 81.072 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF104274.D
Acq: 5 Apr 2018 17:29

Instrument :
BNA_F
ClientSampleId :
PB107931BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	42.4	41.4	62.2

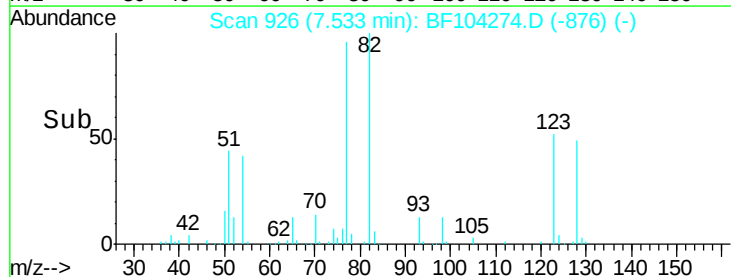
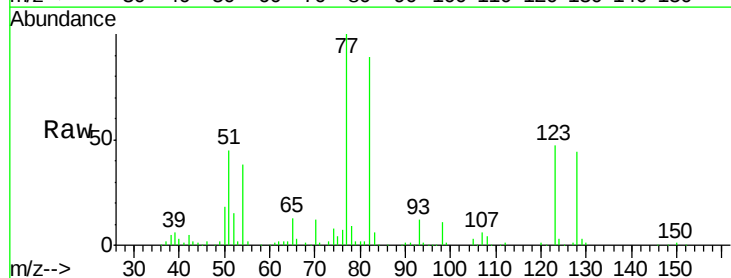
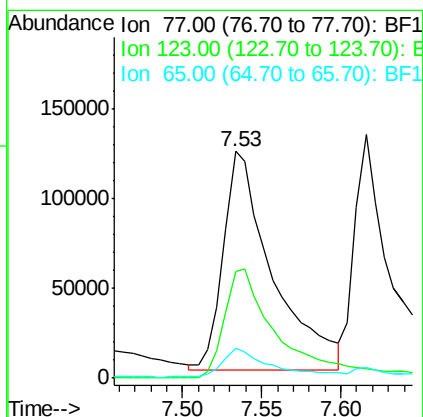
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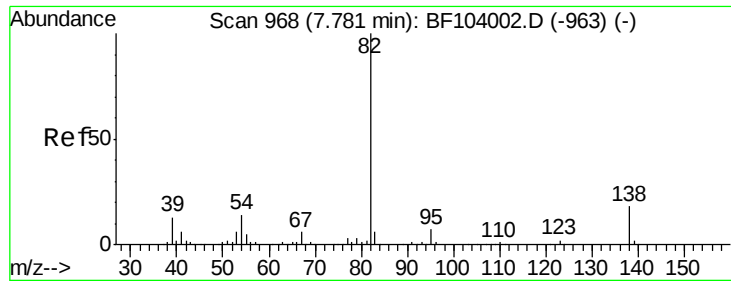
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#24
Nitrobenzene
Concen: 31.679 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF104274.D
Acq: 5 Apr 2018 17:29

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.1	37.9	56.9
65	13.4	11.0	16.4





#25

Isophorone

Concen: 40.936 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF104274.D

Acq: 5 Apr 2018 17:29

Instrument :

BNA_F

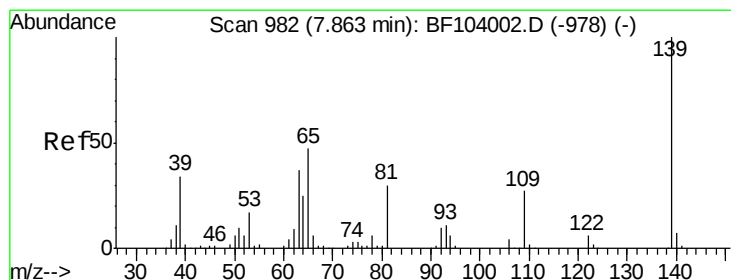
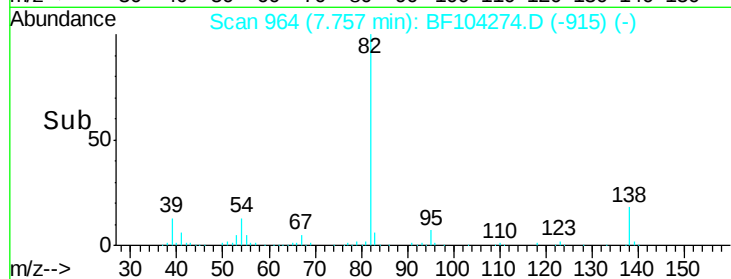
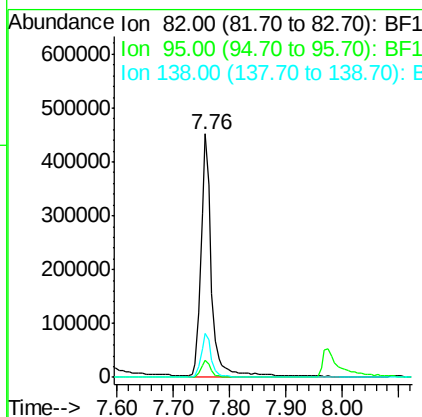
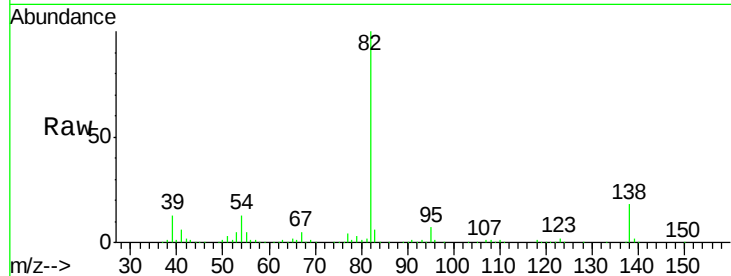
ClientSampleId :

PB107931BSD

Tot Ion:	82	Resp:	590739
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.2	7.8
138	18.3	14.9	22.3

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#26

2-Nitrophenol

Concen: 39.865 ng

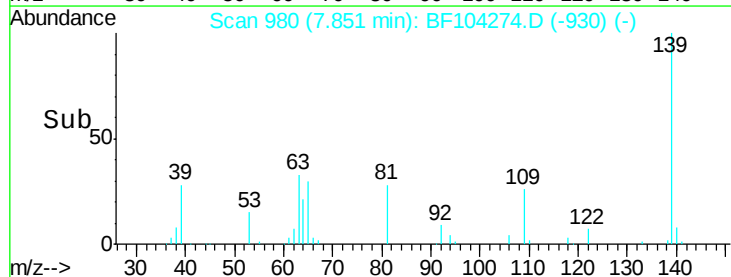
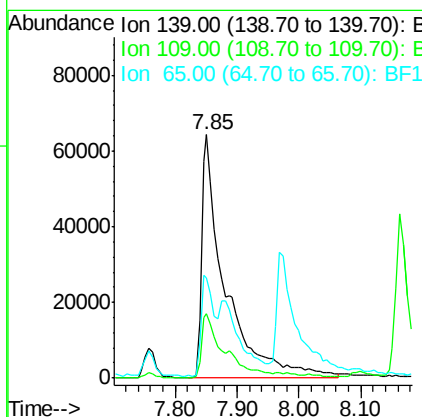
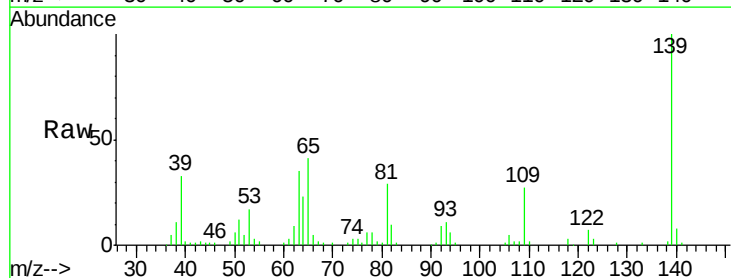
RT: 7.85 min Scan# 980

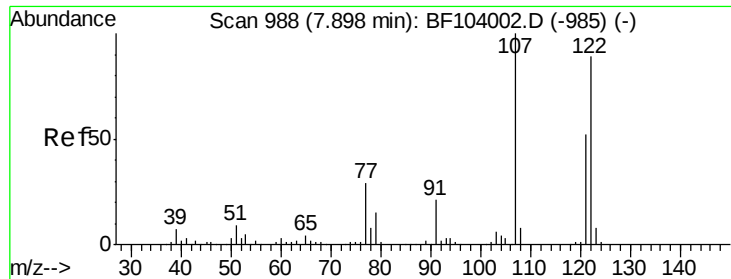
Delta R.T. -0.01 min

Lab File: BF104274.D

Acq: 5 Apr 2018 17:29

Tgt Ion:	139	Resp:	171445
Ion Ratio	Lower	Upper	
139	100		
109	26.7	22.7	34.1
65	41.0	40.5	60.7





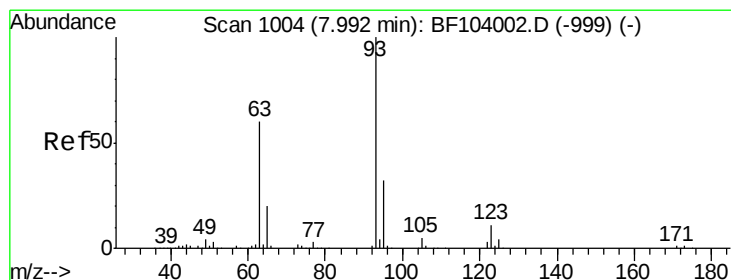
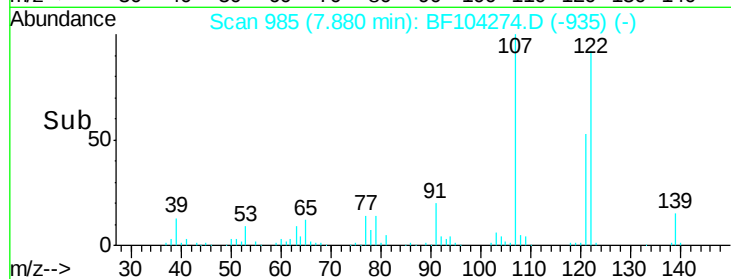
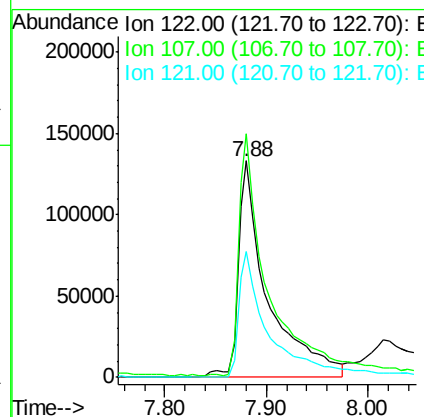
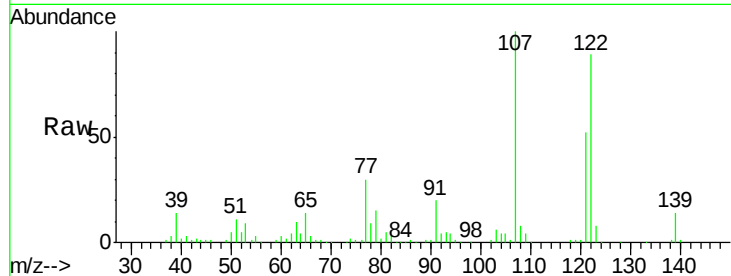
#27
 2,4-Dimethylphenol
 Concen: 43.359 ng
 RT: 7.88 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BF104274.D
 Acq: 5 Apr 2018 17:29

Instrument :
 BNA_F
 ClientSampleId :
 PB107931BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	268931		
107	112.4	91.2	136.8	
121	58.2	47.2	70.8	

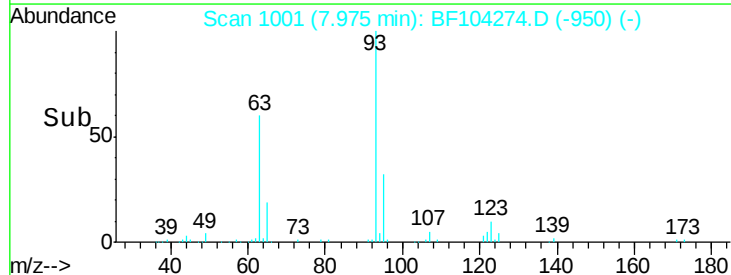
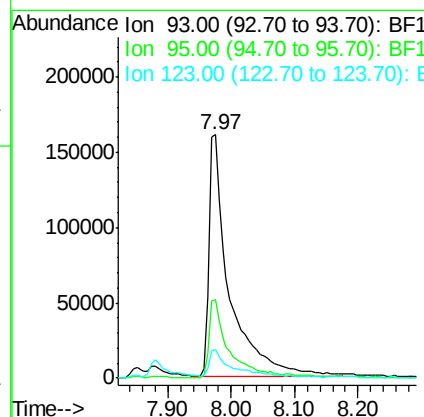
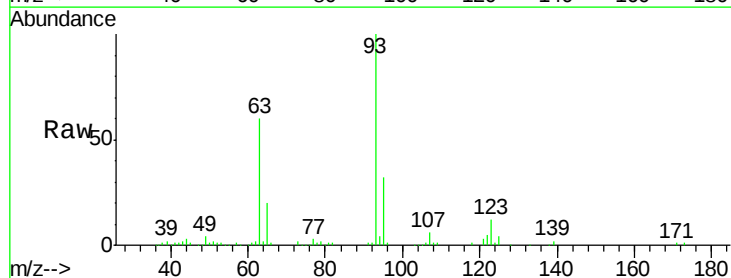
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 4/6/2018 11:57:50 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.473 ng
 RT: 7.97 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: BF104274.D
 Acq: 5 Apr 2018 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	357013		
95	32.5	26.3	39.5	
123	11.7	9.8	14.6	





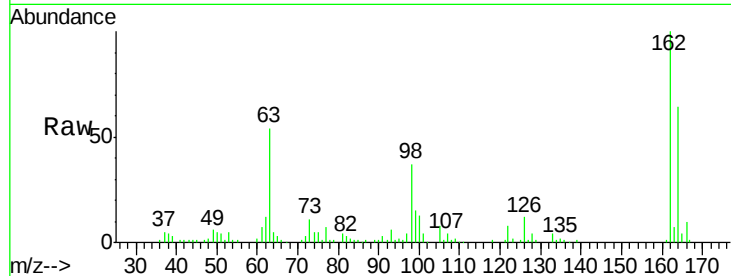
#29
 2,4-Dichlorophenol
 Concen: 40.389 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF104274.D
 Acq: 5 Apr 2018 17:29

Instrument :
 BNA_F
 ClientSampled :
 PB107931BSD

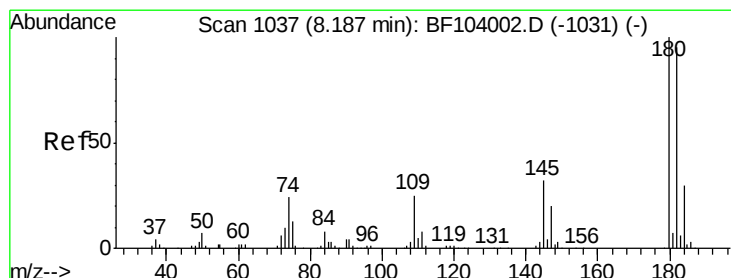
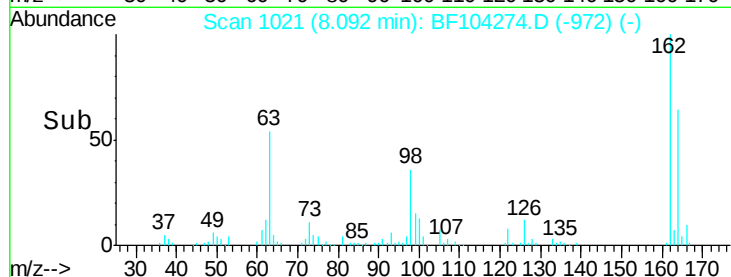
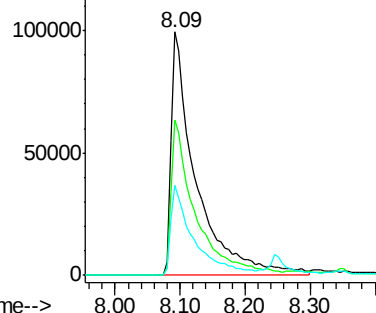
Tot Ion	Ratio	Resp	Lower	Upper
162	100	261659		
164	63.8		42.7	82.7
98	36.8		18.1	58.1

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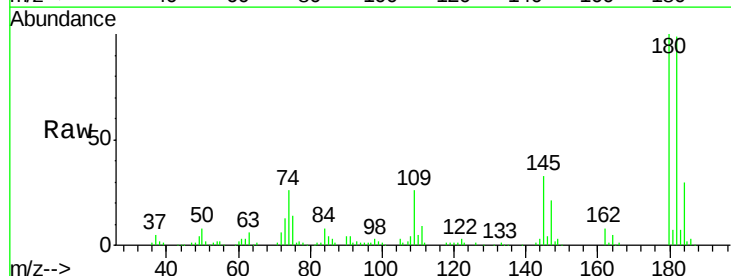


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

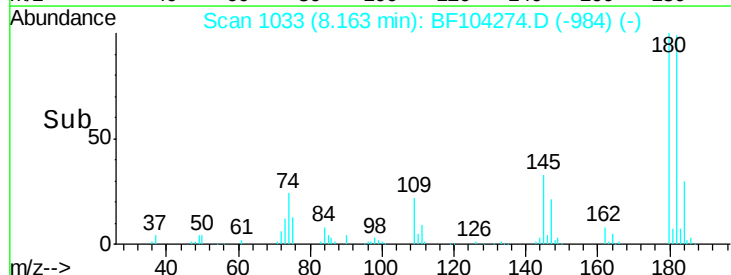
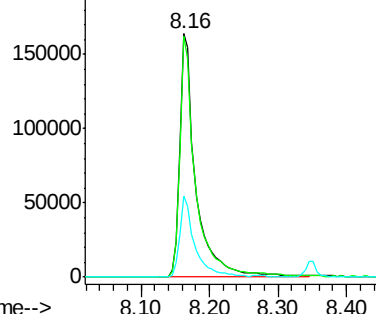


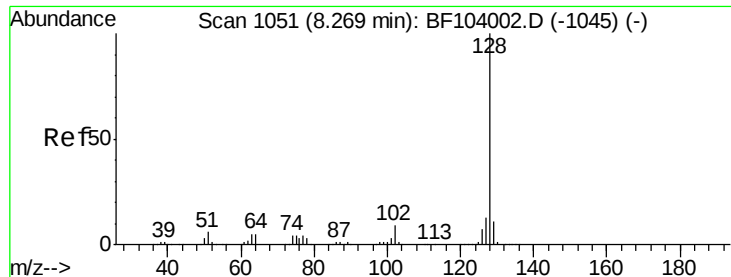
#30
 1,2,4-Trichlorobenzene
 Concen: 36.991 ng
 RT: 8.16 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF104274.D
 Acq: 5 Apr 2018 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	271907		
182	99.2		76.8	115.2
145	33.2		26.5	39.7



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





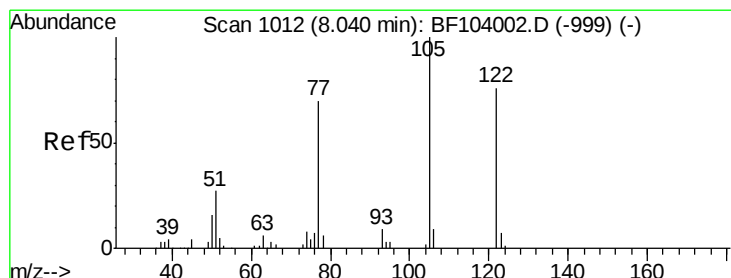
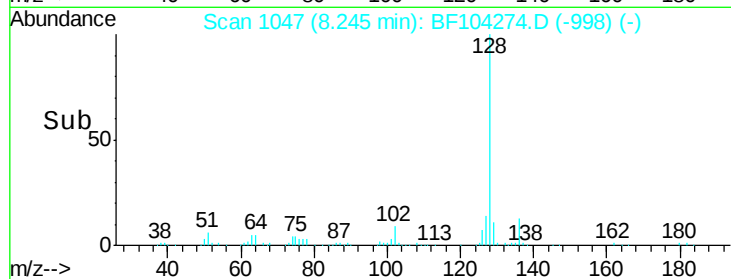
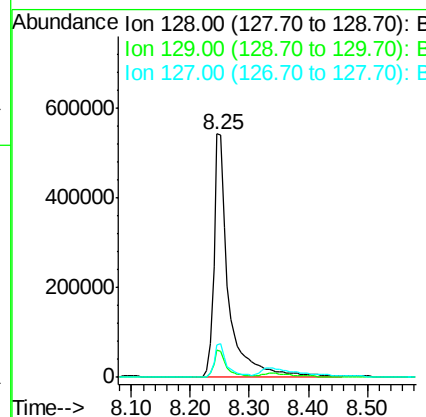
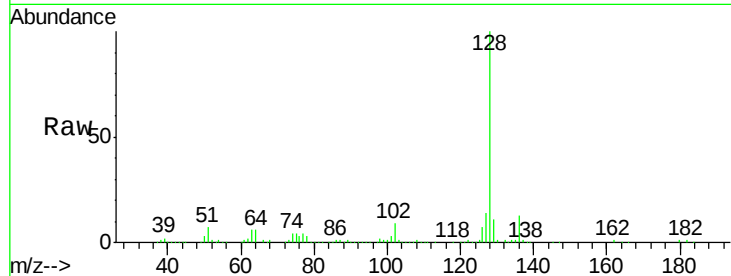
#31
Naphthalene
Concen: 40.449 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF104274.D
Acq: 5 Apr 2018 17:29

Instrument :
BNA_F
ClientSampleId :
PB107931BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.3	8.8	13.2	
127	13.5	10.9	16.3	

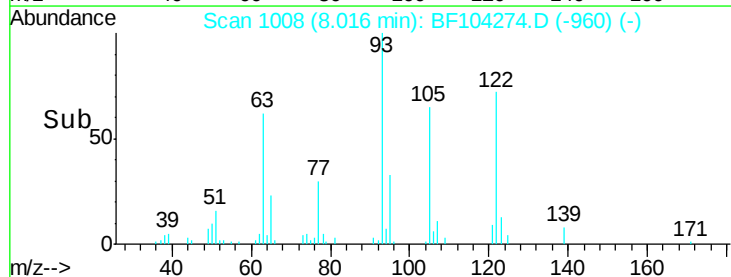
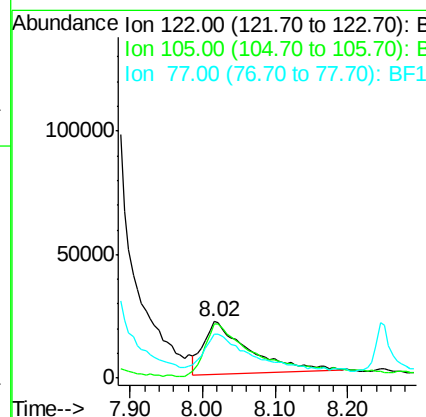
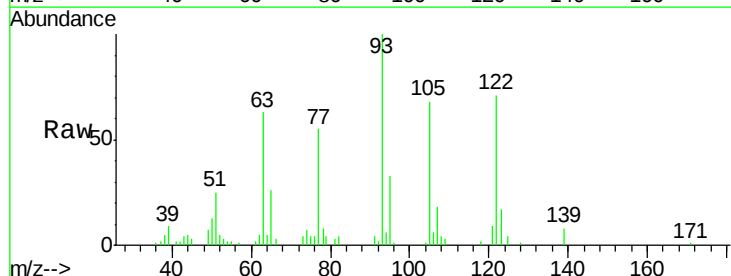
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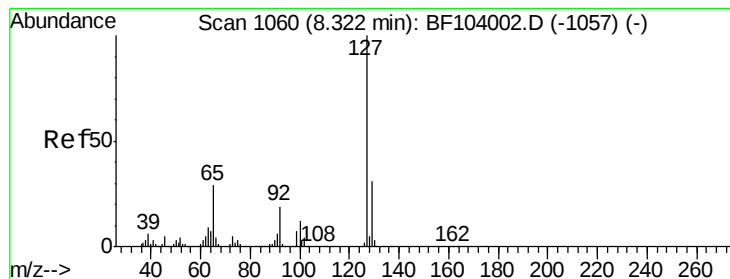
Sohil
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#32
Benzoic acid
Concen: 20.038 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BF104274.D
Acq: 5 Apr 2018 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	95.9	101.1	141.1#	
77	77.7	70.7	110.7	





#33

4-Chloroaniline

Concen: 10.350 ng

RT: 8.33 min Scan# 1062

Delta R.T. 0.02 min

Lab File: BF104274.D

Acq: 5 Apr 2018 17:29

Instrument :

BNA_F

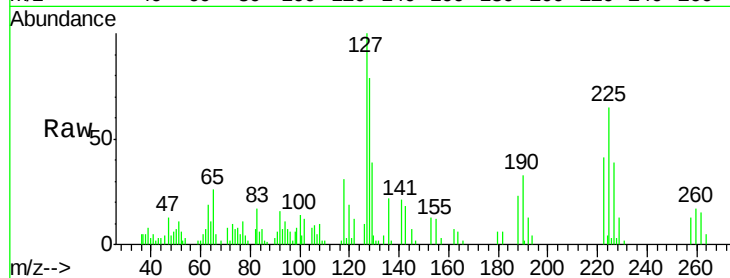
ClientSampleId :

PB107931BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	39.2	25.9	38.9#		
65	26.3	25.0	37.4		
92	15.6	15.2	22.8		

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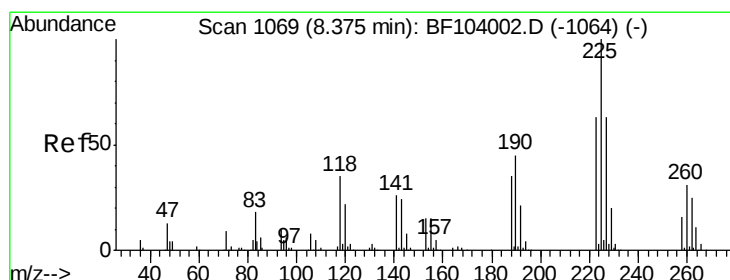
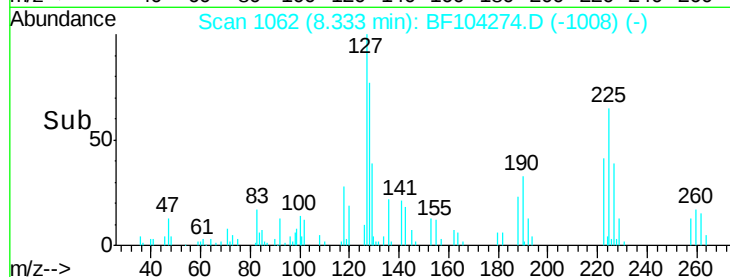
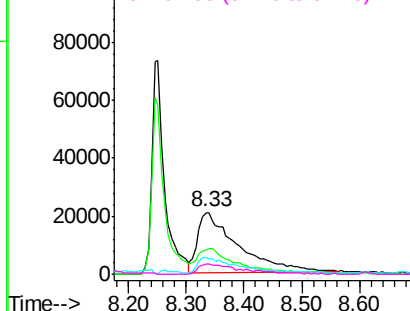


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 35.781 ng

RT: 8.35 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BF104274.D

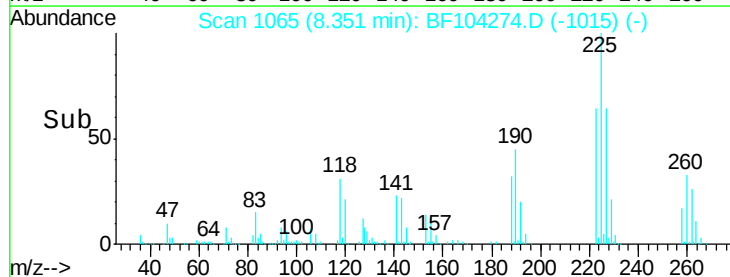
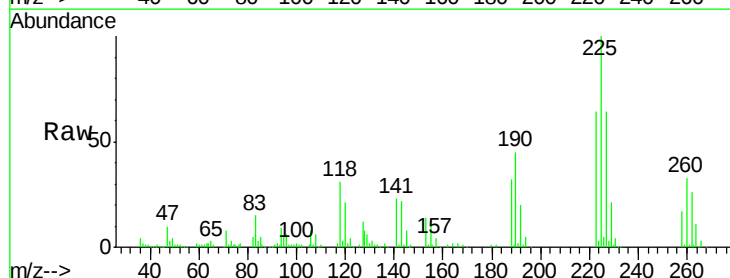
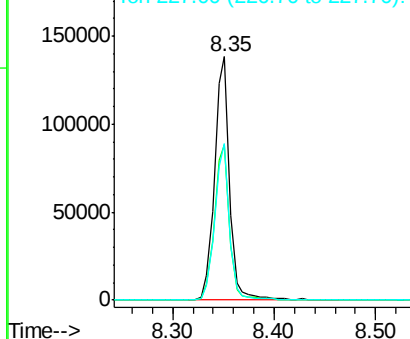
Acq: 5 Apr 2018 17:29

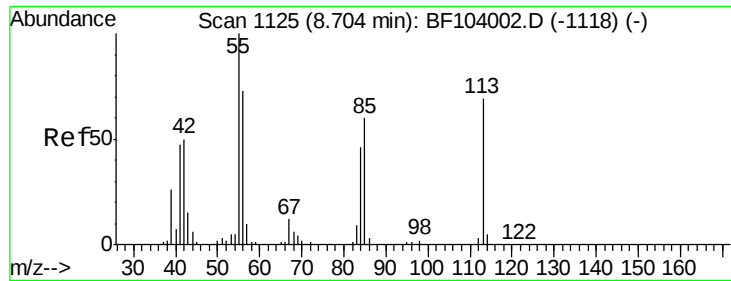
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.7	50.6	76.0		
227	64.3	51.9	77.9		

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: 35.268 ng/mL

RT: 8.67 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BF104274.D

Acq: 5 Apr 2018 17:29

Instrument :

BNA_F

ClientSampleID :

PB107931BSD

Tot Ion:113 Resp: 72448

Ion Ratio Lower Upper

113 100

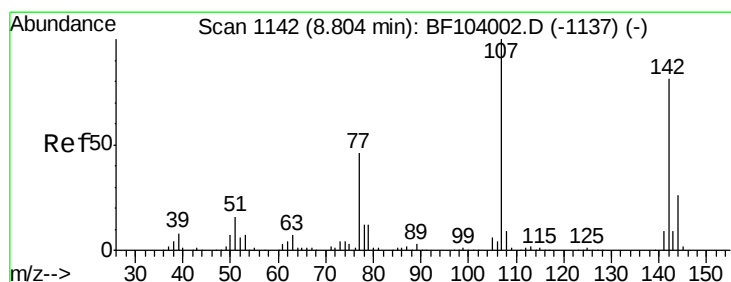
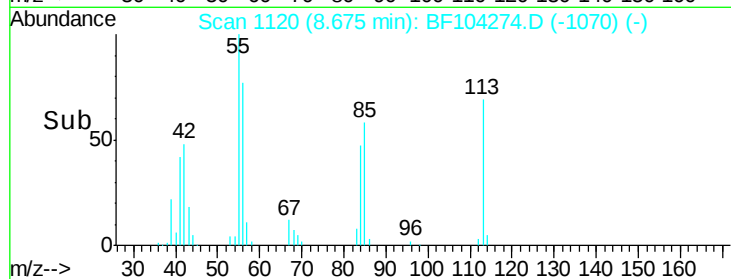
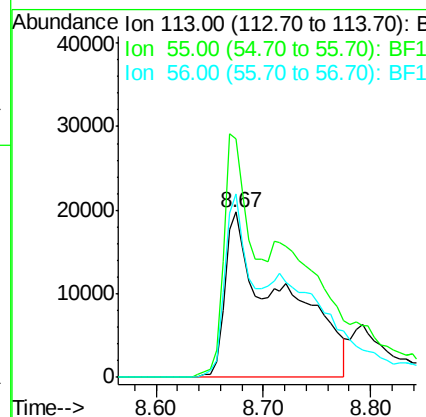
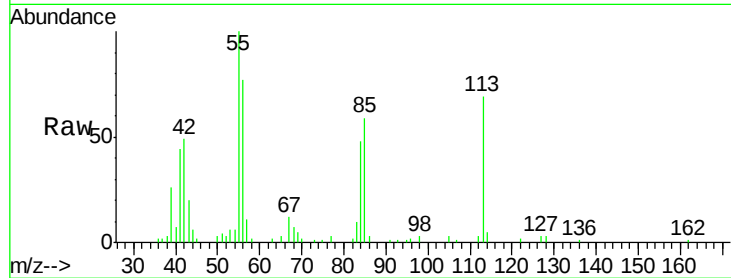
55 144.5 163.3 203.3#

56 110.7 115.7 155.7#

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#36

4-Chloro-3-methylphenol

Concen: 41.434 ng/mL

RT: 8.79 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BF104274.D

Acq: 5 Apr 2018 17:29

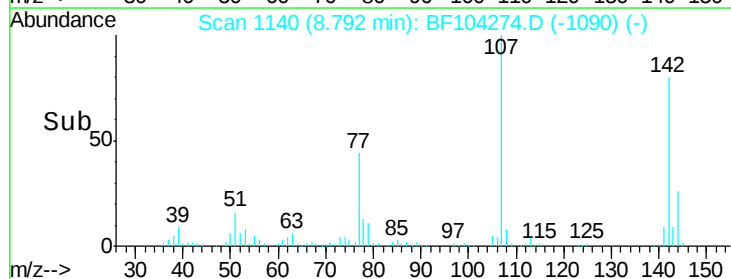
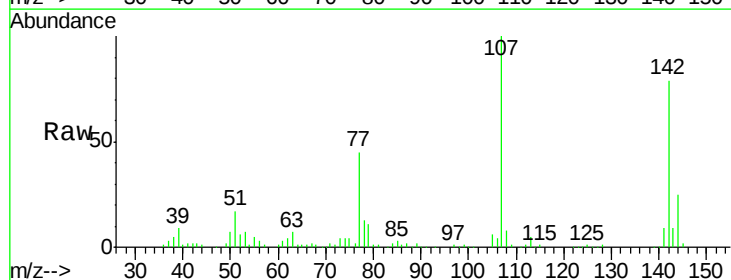
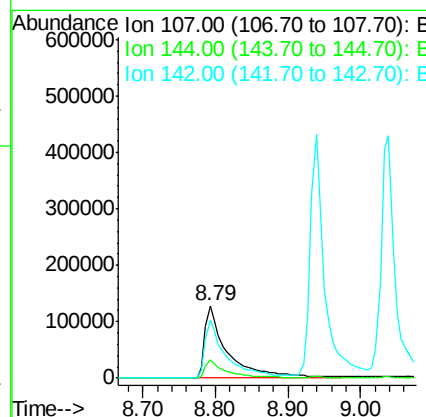
Tgt Ion:107 Resp: 283921

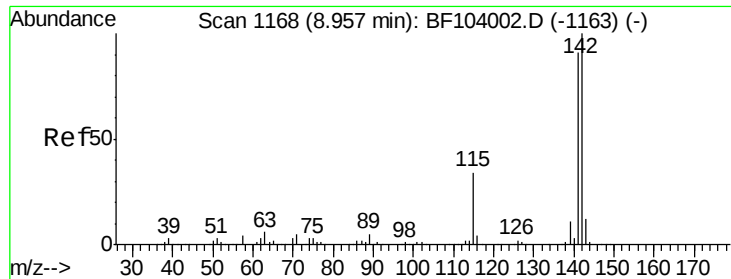
Ion Ratio Lower Upper

107 100

144 25.4 20.5 30.7

142 79.4 62.0 93.0





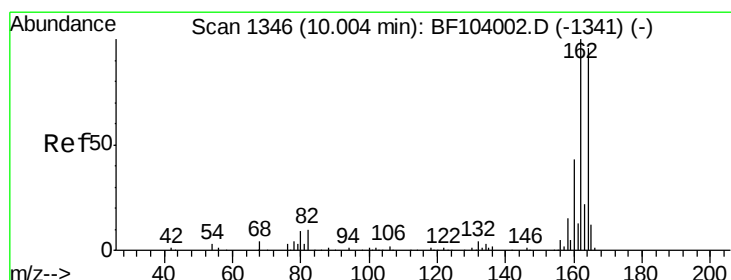
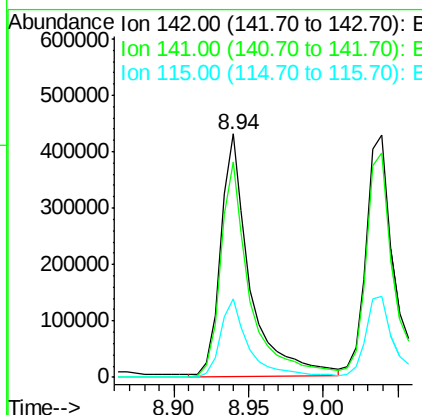
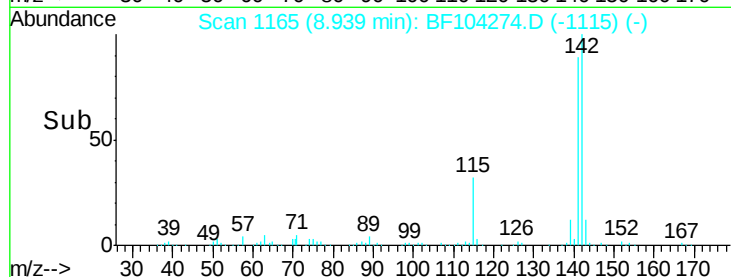
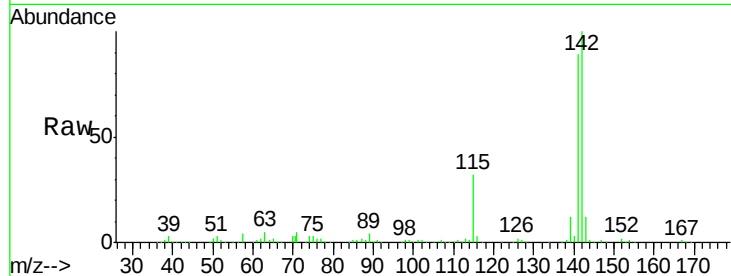
#37
2-Methylnaphthalene
Concen: 38.647 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF104274.D
Acq: 5 Apr 2018 17:29

Instrument :
BNA_F
ClientSampleId :
PB107931BSD

Tot Ion:	142	Resp:	595562
Ion Ratio	Lower	Upper	
142	100		
141	88.7	70.8	106.2
115	32.3	26.1	39.1

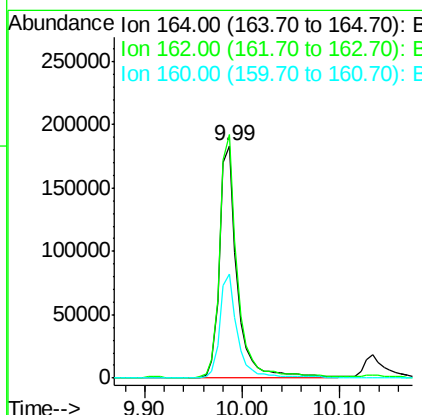
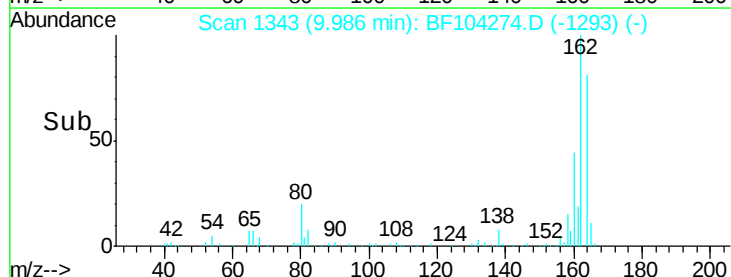
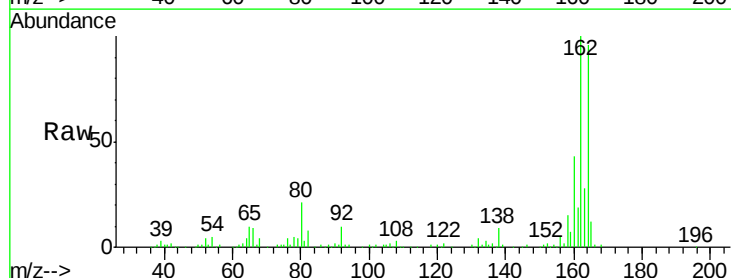
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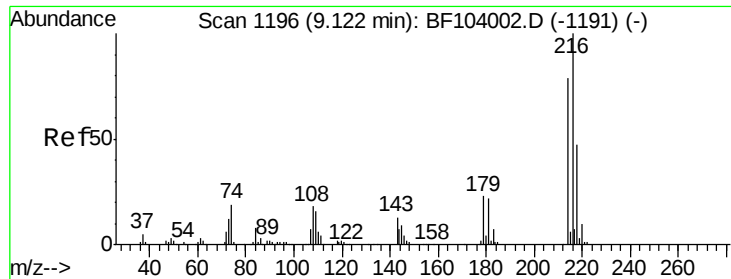
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF104274.D
Acq: 5 Apr 2018 17:29

Tgt Ion:	164	Resp:	233085
Ion Ratio	Lower	Upper	
164	100		
162	104.7	86.1	129.1
160	45.0	38.3	57.5





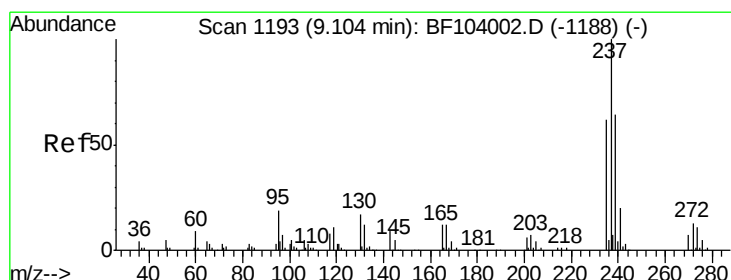
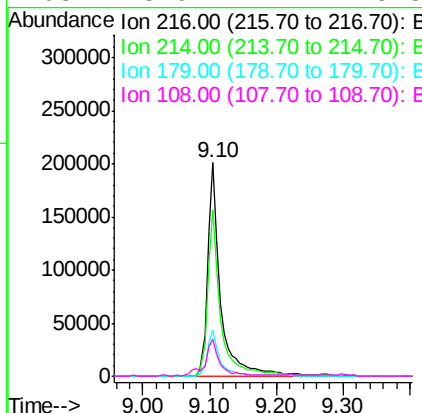
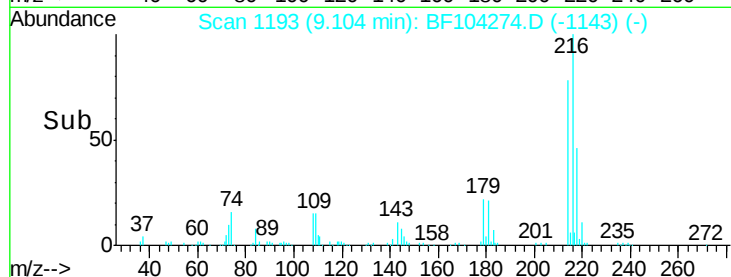
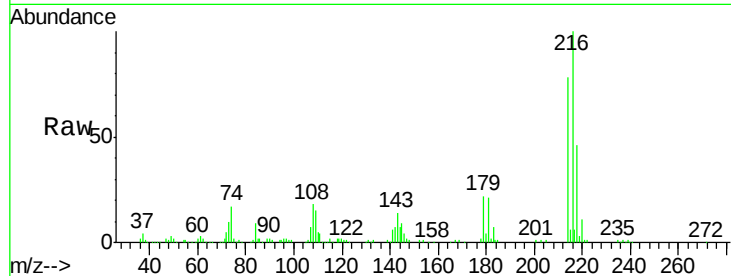
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.436 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF104274.D
 Acq: 5 Apr 2018 17:29

Instrument :
 BNA_F
 ClientSampleId :
 PB107931BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	78.6		63.0	94.4	
179	21.9		18.1	27.1	
108	18.9		17.2	25.8	

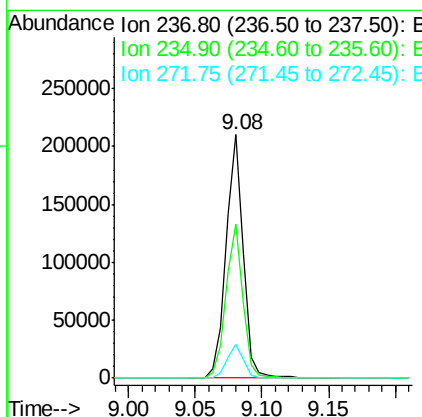
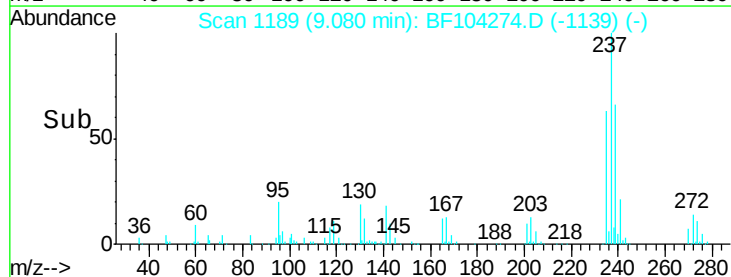
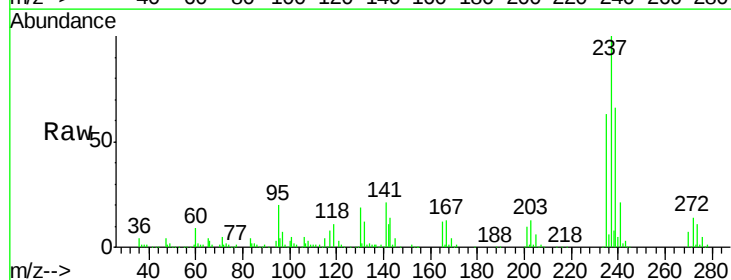
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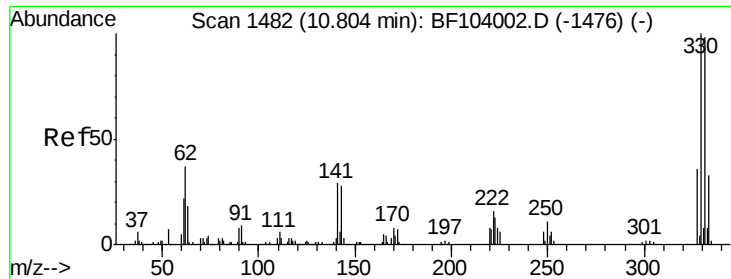
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#40
 Hexachlorocyclopentadiene
 Concen: 58.508 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF104274.D
 Acq: 5 Apr 2018 17:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	63.2		44.8	84.8	
272	13.7		0.0	33.3	





#41

2,4,6-Tribromophenol

Concen: 84.591 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF104274.D

Acq: 5 Apr 2018 17:29

Instrument :

BNA_F

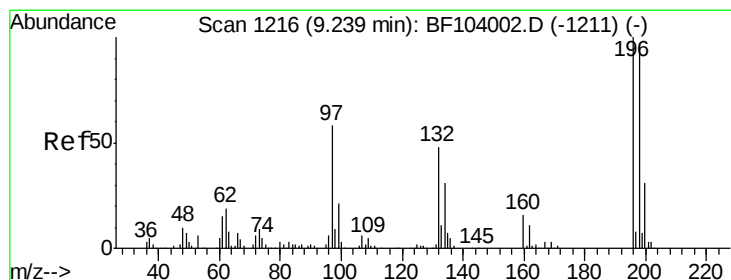
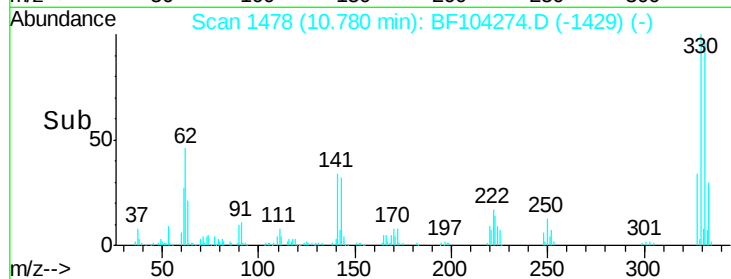
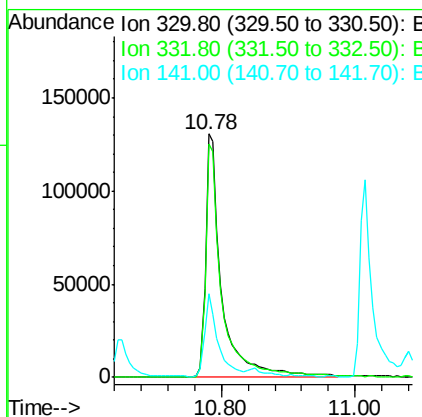
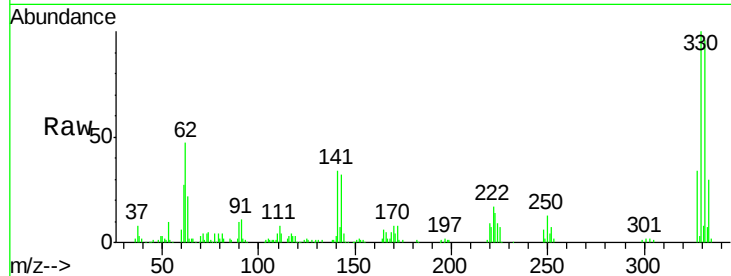
ClientSampleId :

PB107931BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	219549		
332	95.0	77.0	115.6	
141	27.7	29.9	44.9	

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#42

2,4,6-Trichlorophenol

Concen: 33.798 ng

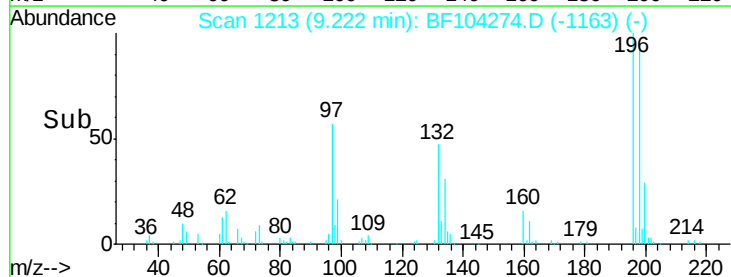
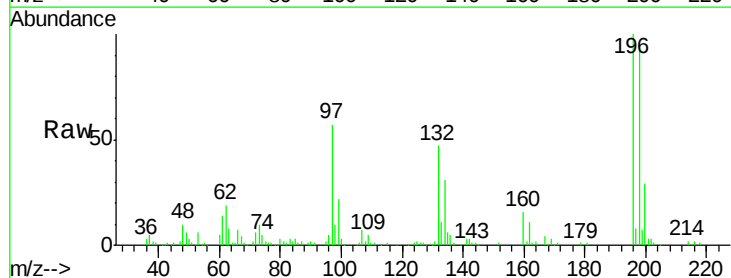
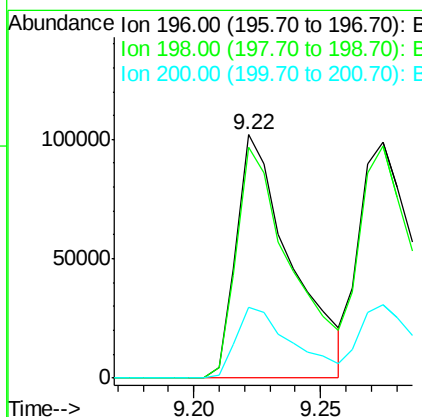
RT: 9.22 min Scan# 1213

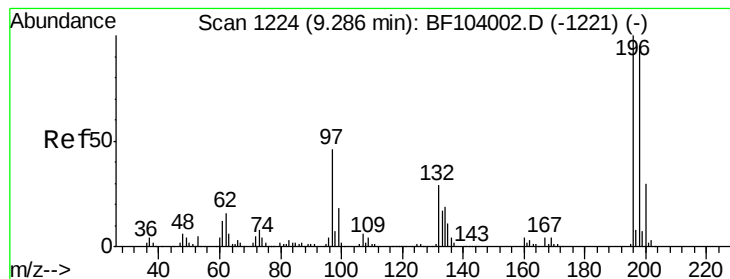
Delta R.T. -0.01 min

Lab File: BF104274.D

Acq: 5 Apr 2018 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	152970		
198	95.0	75.7	113.5	
200	29.2	24.5	36.7	





#43

2,4,5-Trichlorophenol

Concen: 34.970 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BF104274.D

Acq: 5 Apr 2018 17:29

Instrument :

BNA_F

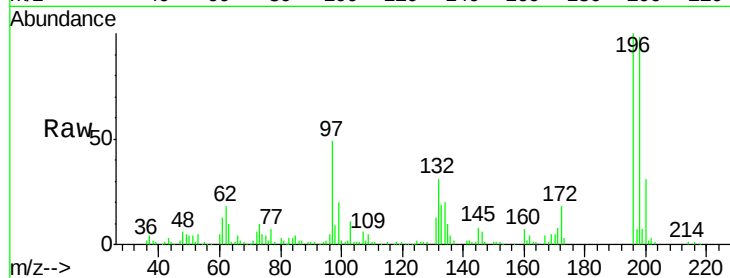
ClientSampleId :

PB107931BSD

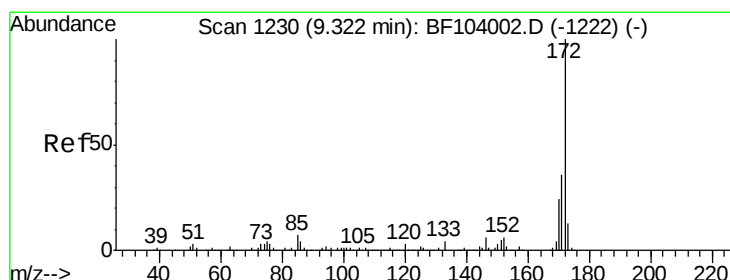
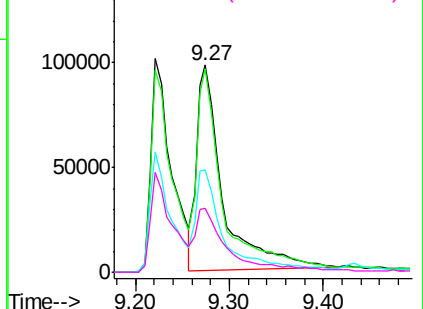
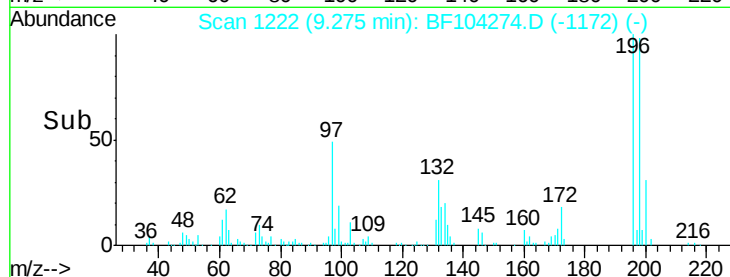
Tot Ion:	196	Resp:	191102
Ion Ratio	Lower	Upper	
196	100		
198	98.2	74.6	112.0
97	49.1	42.9	64.3
132	31.2	26.3	39.5

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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): BF1
Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 85.453 ng

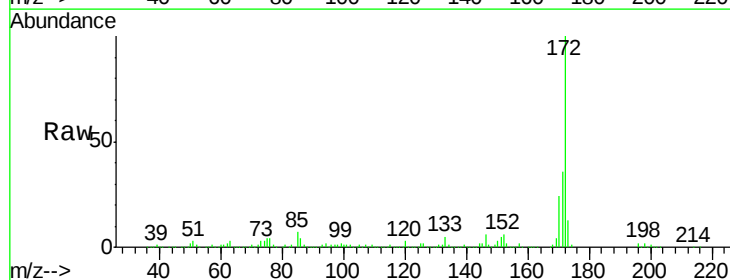
RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

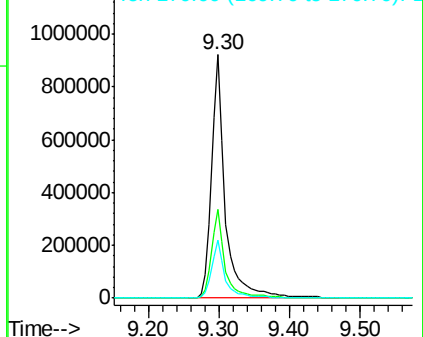
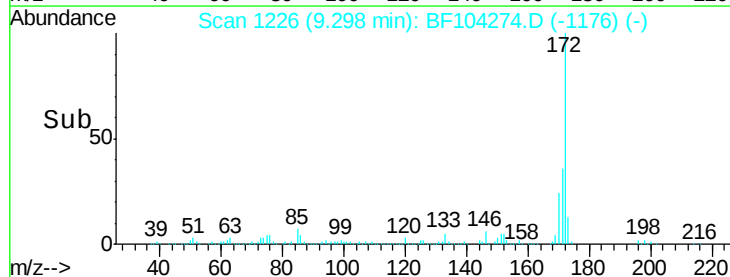
Lab File: BF104274.D

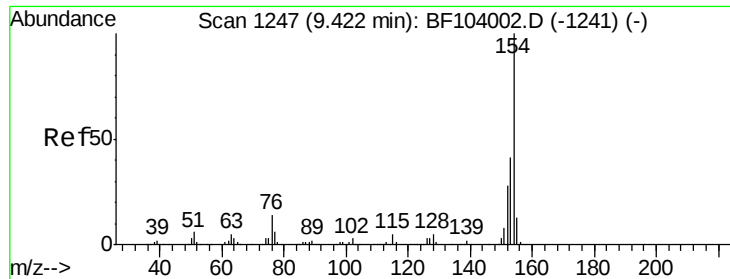
Acq: 5 Apr 2018 17:29

Tgt Ion:	172	Resp:	1263084
Ion Ratio	Lower	Upper	
172	100		
171	36.2	29.7	44.5
170	23.8	19.6	29.4



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: 38.133 ng

RT: 9.40 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BF104274.D

Acq: 5 Apr 2018 17:29

Instrument :

BNA_F

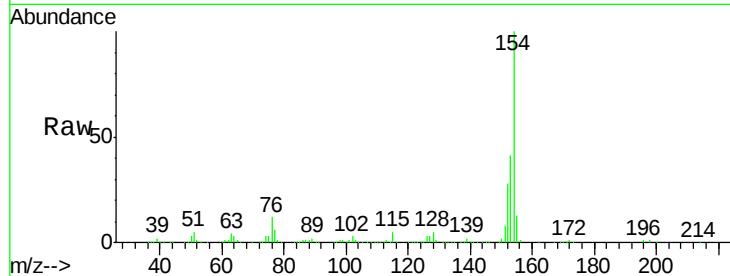
ClientSampleId :

PB107931BSD

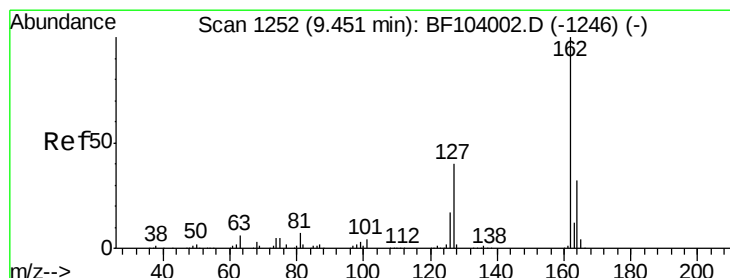
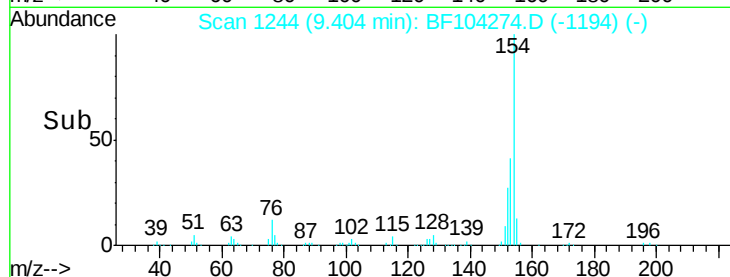
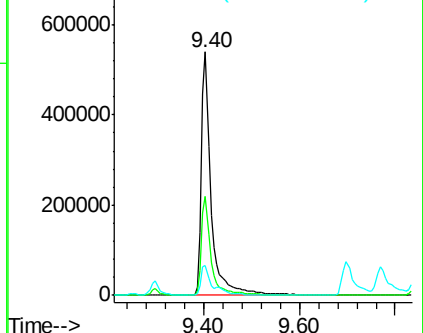
Tot Ion:	154	Resp:	762847
Ion Ratio	Lower	Upper	
154	100		
153	40.5	21.3	61.3
76	12.4	0.0	34.0

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 37.101 ng

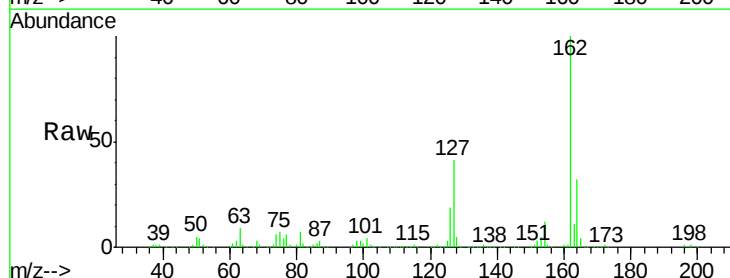
RT: 9.43 min Scan# 1249

Delta R.T. -0.01 min

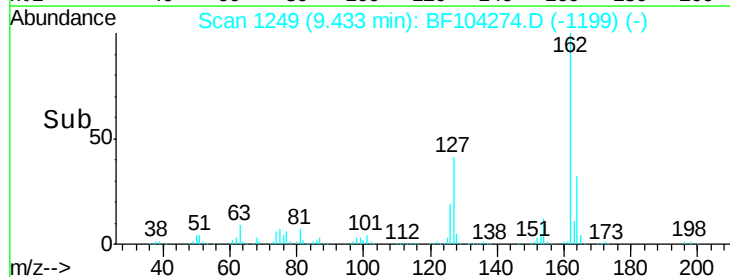
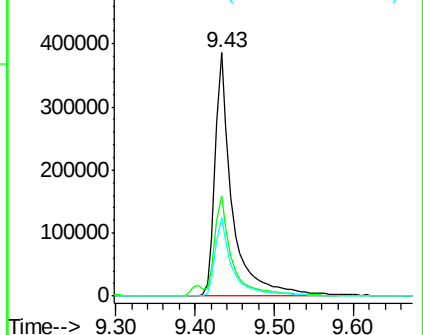
Lab File: BF104274.D

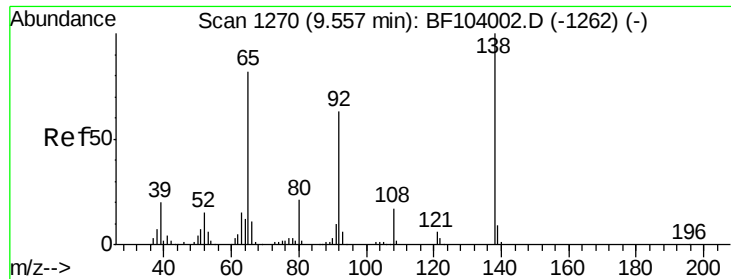
Acq: 5 Apr 2018 17:29

Tgt Ion:	162	Resp:	585466
Ion Ratio	Lower	Upper	
162	100		
127	40.9	33.9	50.9
164	32.3	26.5	39.7



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





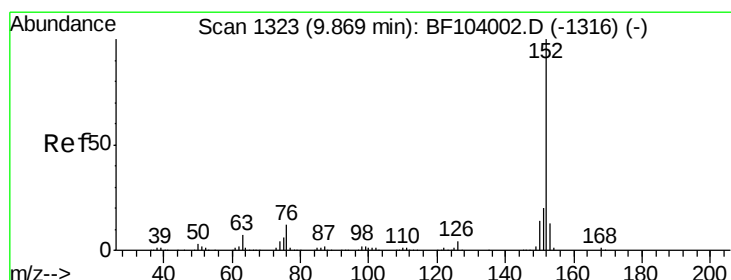
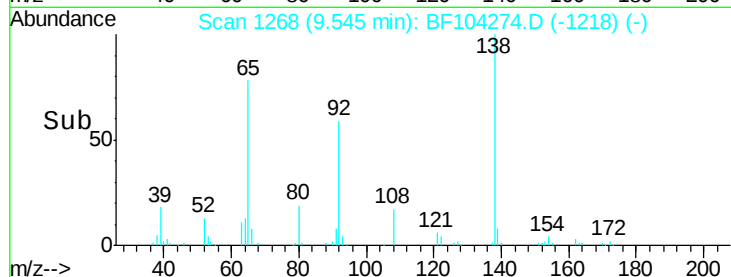
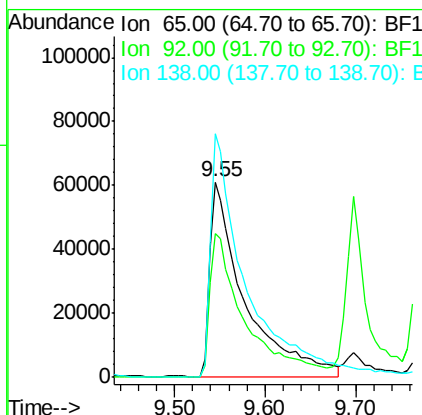
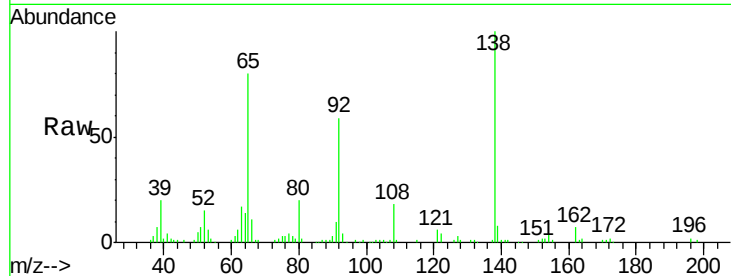
#47
2-Nitroaniline
Concen: 36.591 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF104274.D
Acq: 5 Apr 2018 17:29

Instrument :
BNA_F
ClientSampleId :
PB107931BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.9	55.8	83.6
138	124.8	91.2	136.8

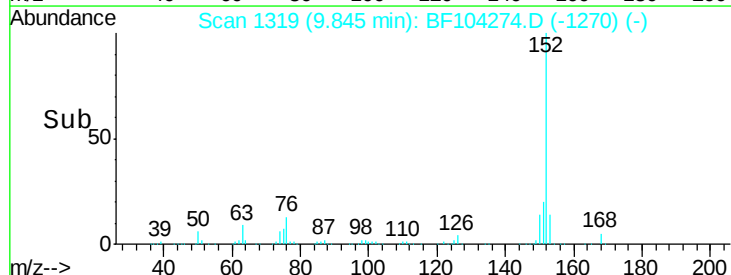
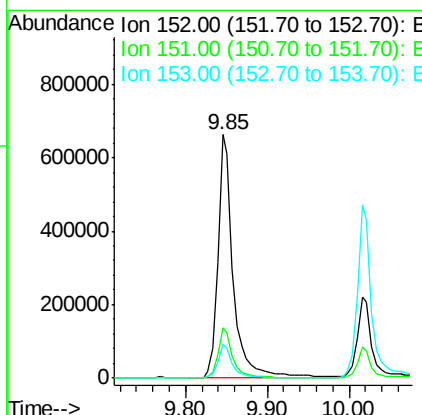
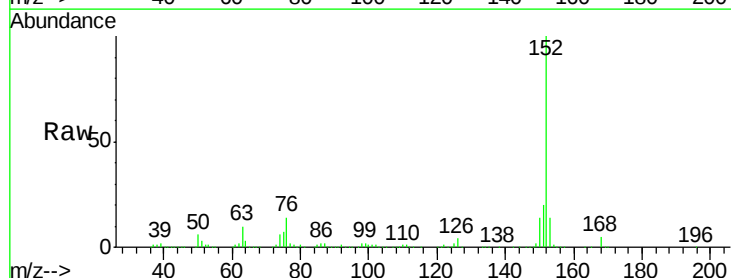
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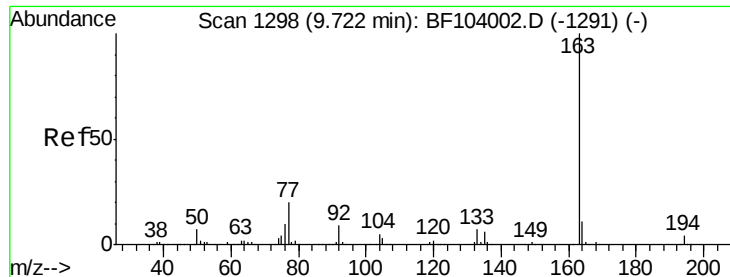
Sohil
4/6/2018 11:57:50 AM



#48
Acenaphthylene
Concen: 36.386 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF104274.D
Acq: 5 Apr 2018 17:29

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	13.8	10.7	16.1





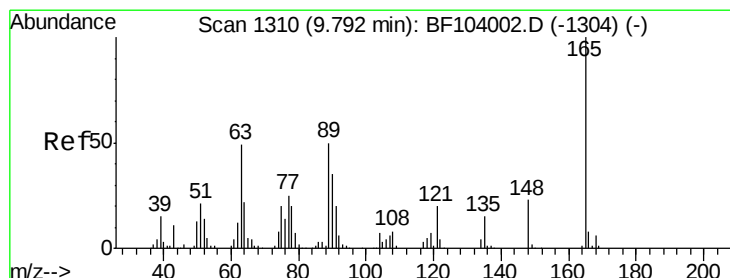
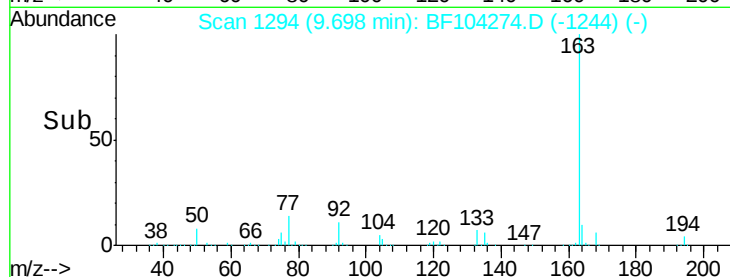
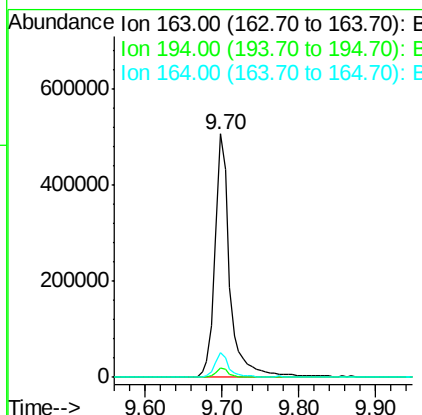
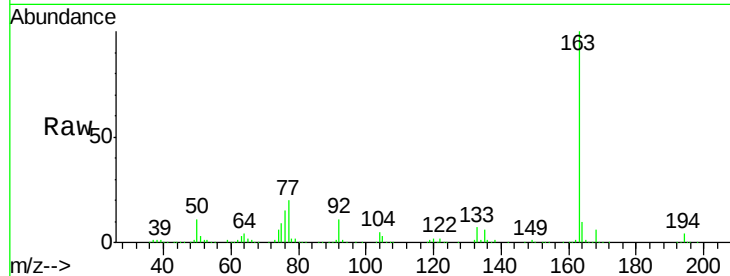
#49
Dimethylphthalate
Concen: 36.738 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF104274.D
Acq: 5 Apr 2018 17:29

Instrument :
BNA_F
ClientSampleId :
PB107931BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	676085		
194	3.6		2.7	4.1
164	10.2		8.2	12.2

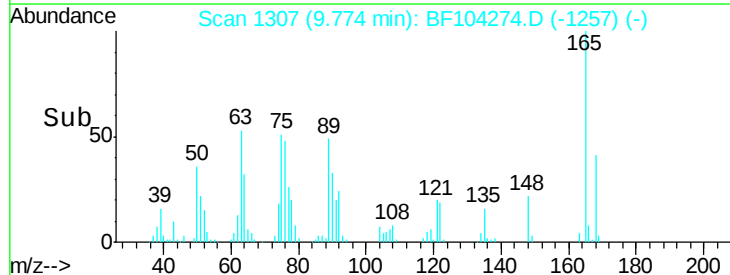
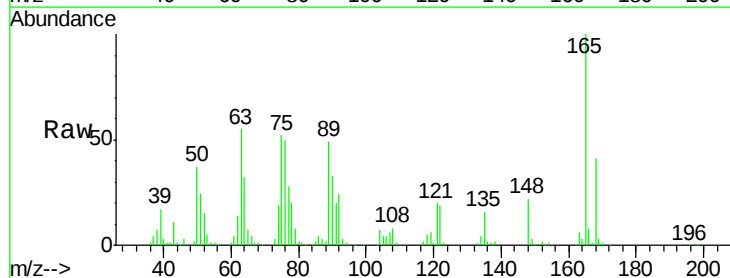
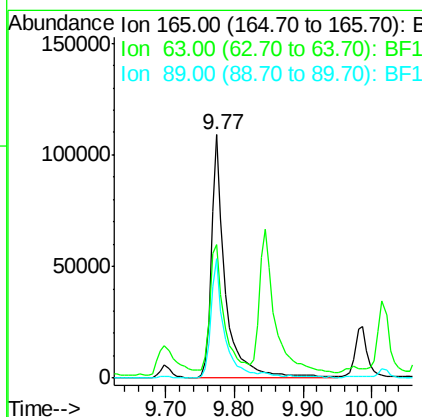
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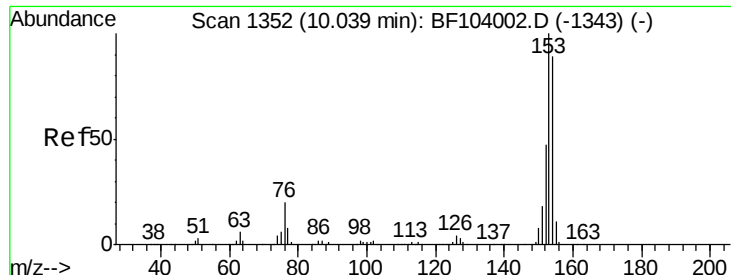
Sohil
4/6/2018 11:57:50 AM



#50
2,6-Dinitrotoluene
Concen: 38.930 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF104274.D
Acq: 5 Apr 2018 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	154133		
63	54.9		44.7	67.1
89	48.9		44.0	66.0





#51

Acenaphthene

Concen: 35.490 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF104274.D

Acq: 5 Apr 2018 17:29

Instrument :

BNA_F

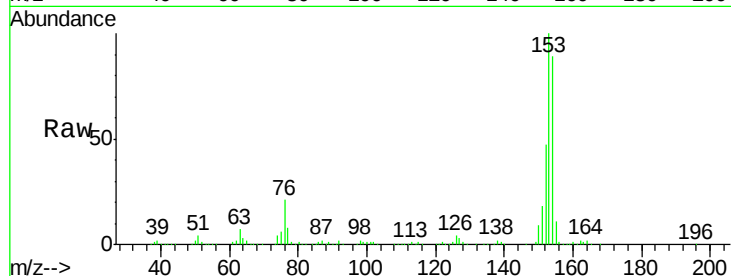
ClientSampleId :

PB107931BSD

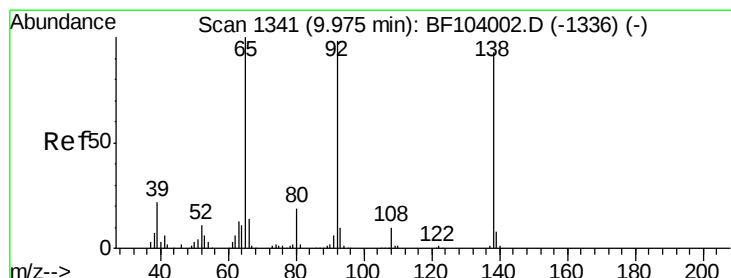
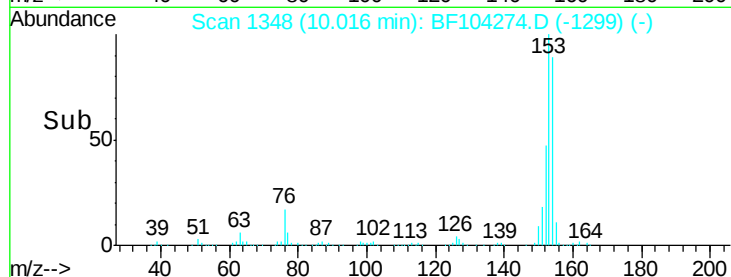
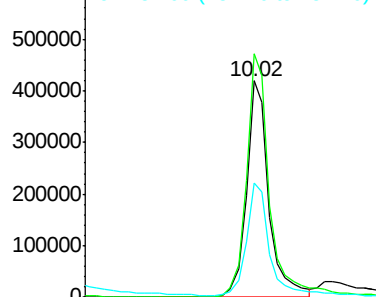
Tot Ion:	154	Resp:	490817
Ion Ratio	Lower	Upper	
154	100		
153	112.5	91.2	136.8
152	52.9	43.8	65.8

Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 17.697 ng

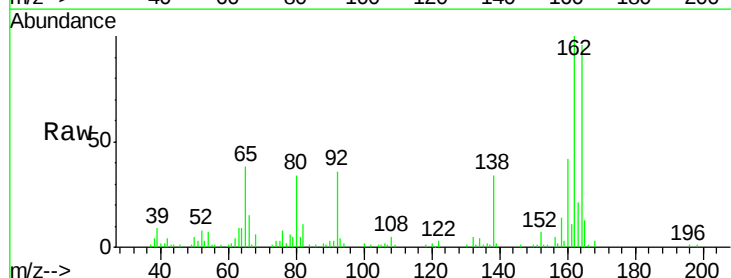
RT: 9.97 min Scan# 1341

Delta R.T. -0.00 min

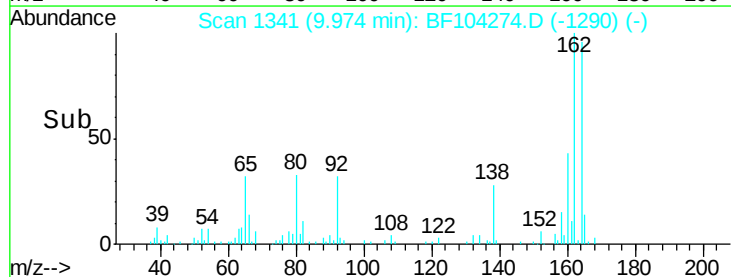
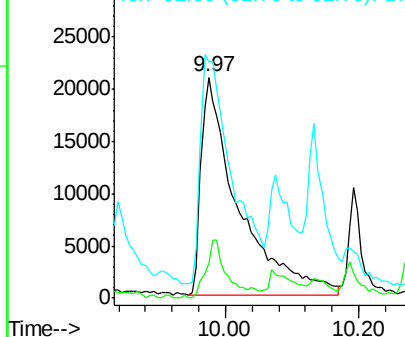
Lab File: BF104274.D

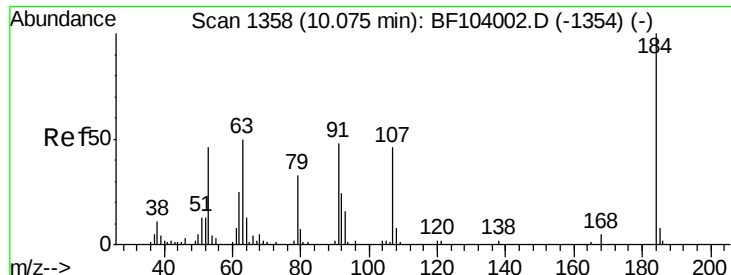
Acq: 5 Apr 2018 17:29

Tgt Ion:	138	Resp:	80544
Ion Ratio	Lower	Upper	
138	100		
108	16.1	9.4	14.0#
92	106.9	89.4	134.2



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1





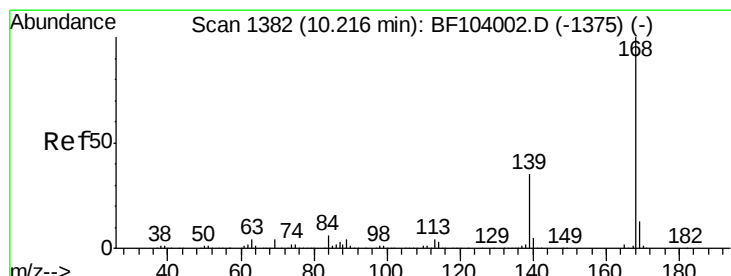
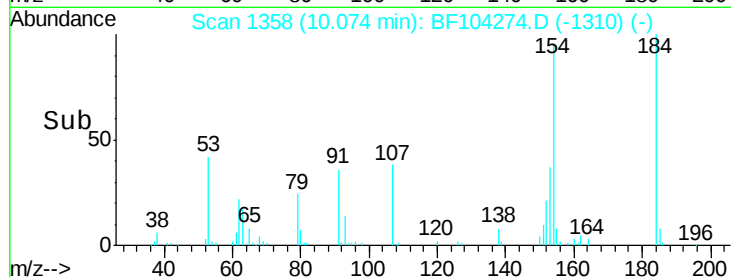
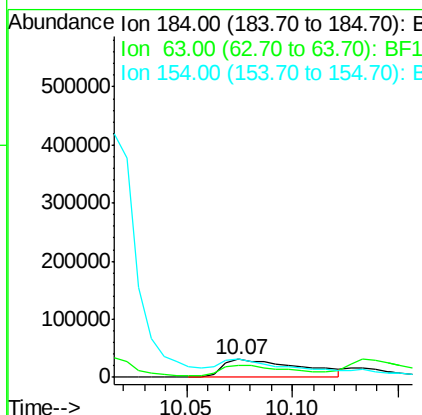
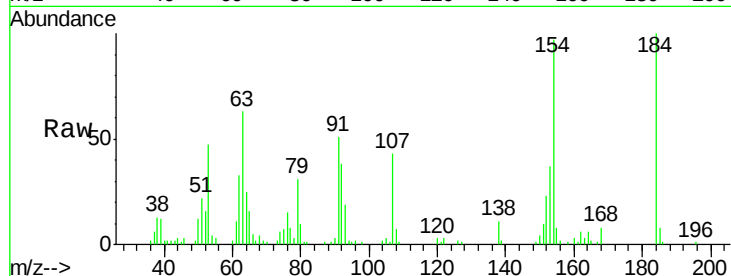
#53
2,4-Dinitrophenol
Concen: 48.088 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.02 min
Lab File: BF104274.D
Acq: 5 Apr 2018 17:29

Instrument :
BNA_F
ClientSampleId :
PB107931BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	63.5	54.2	81.2
154	97.0	184.0	276.0#

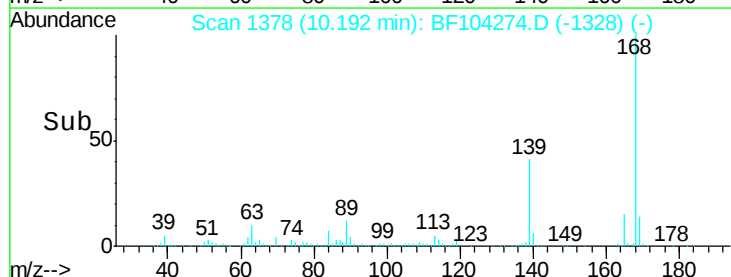
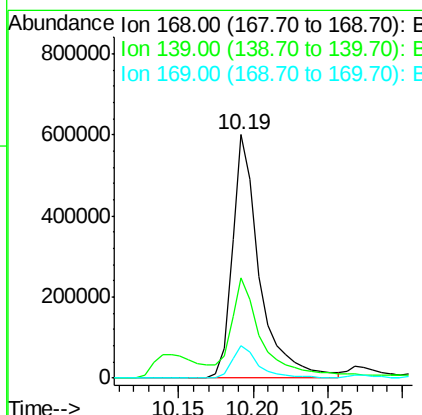
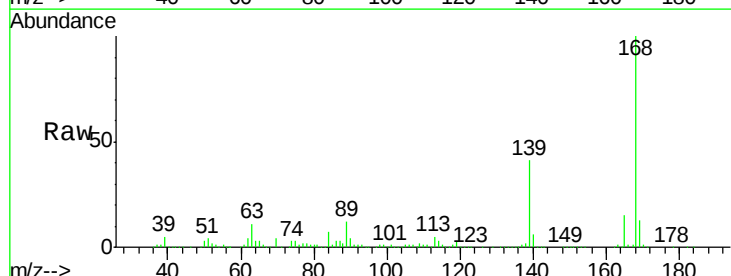
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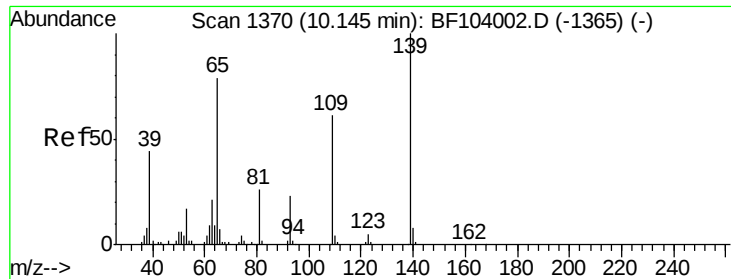
Sohil
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#54
Dibenzofuran
Concen: 37.794 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BF104274.D
Acq: 5 Apr 2018 17:29

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.0	30.1	45.1
169	13.5	10.9	16.3





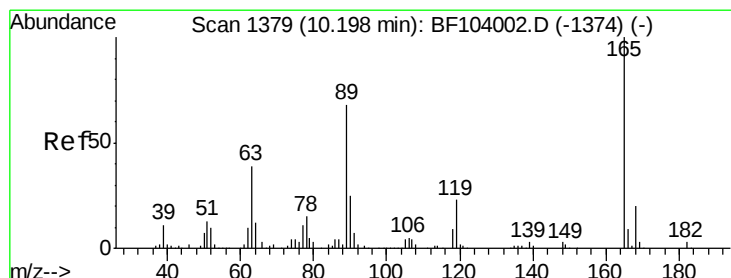
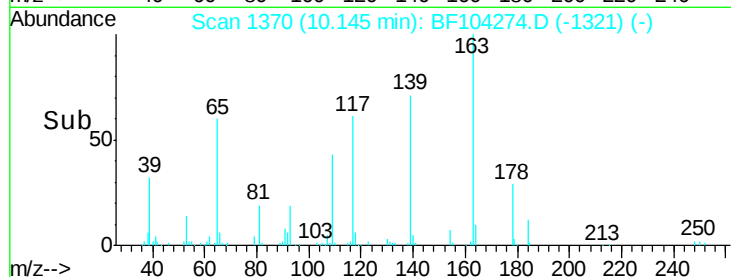
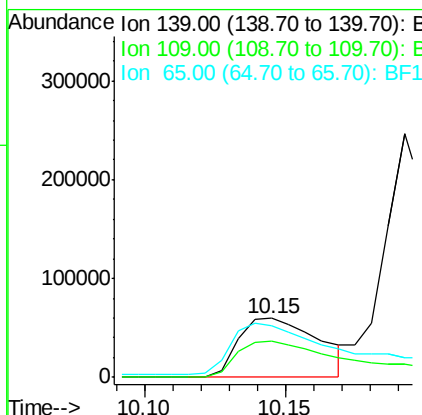
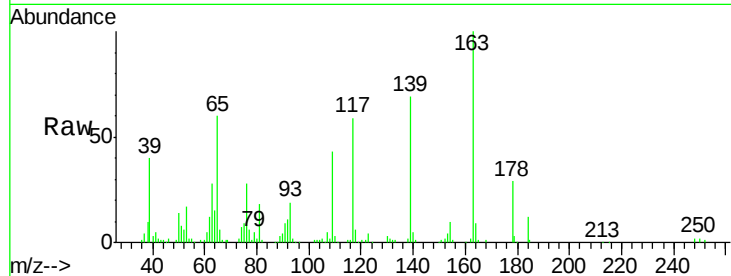
#55
4-Nitrophenol
Concen: 43.073 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BF104274.D
Acq: 5 Apr 2018 17:29

Instrument :
BNA_F
ClientSampleId :
PB107931BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	117543		
109	62.0	48.4	88.4	
65	87.3	72.6	112.6	

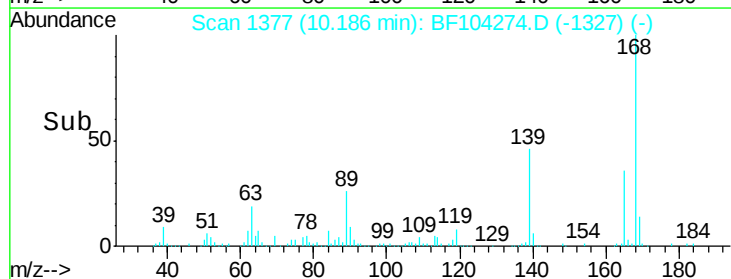
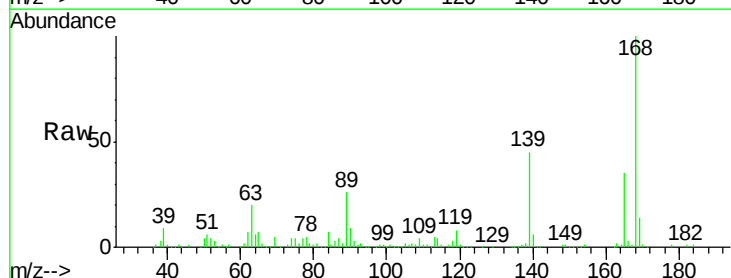
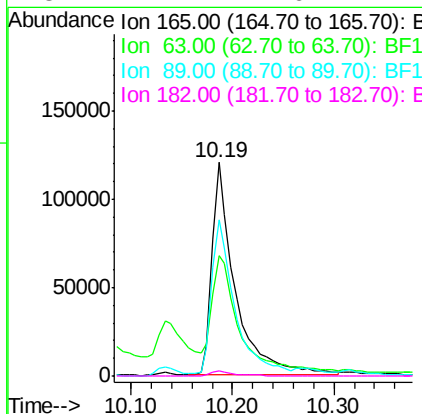
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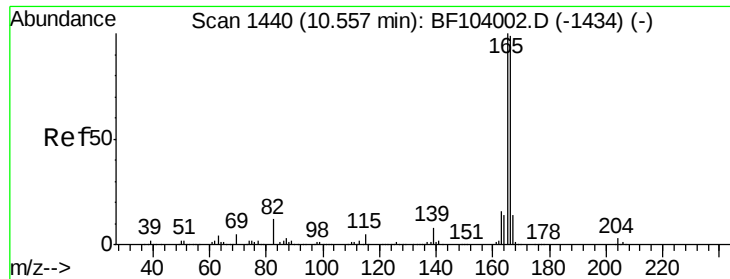
Sohil
4/6/2018 11:57:50 AM



#56
2,4-Dinitrotoluene
Concen: 37.844 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF104274.D
Acq: 5 Apr 2018 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	191190		
63	56.6	36.4	54.6	#
89	73.2	57.8	86.6	
182	2.2	1.6	2.4	





#57

Fluorene

Concen: 38.007 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF104274.D

Acq: 5 Apr 2018 17:29

Instrument :

BNA_F

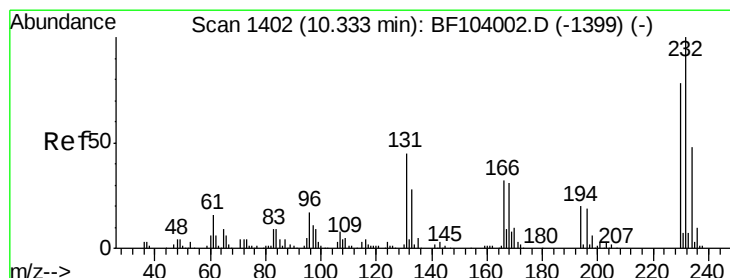
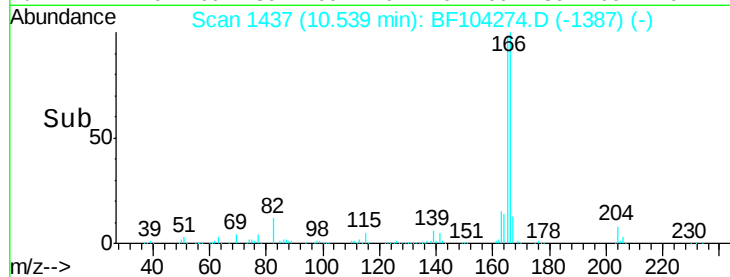
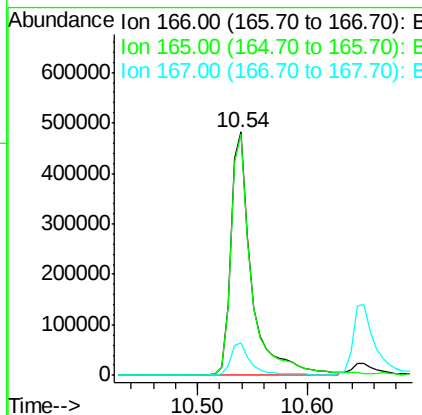
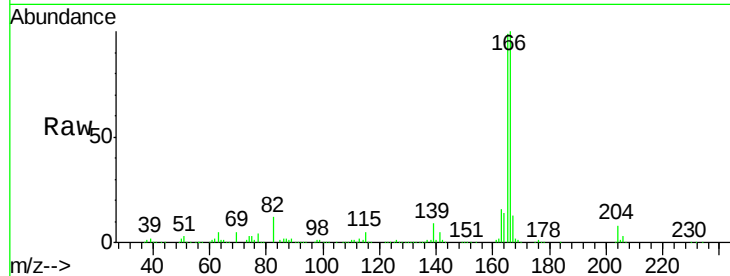
ClientSampleId :

PB107931BSD

Tot Ion:	166	Resp:	633160
Ion Ratio	Lower	Upper	
166	100		
165	98.9	79.8	119.8
167	13.3	10.6	16.0

Manual Integrations
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4/6/2018 11:57:50 AM



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.940 ng

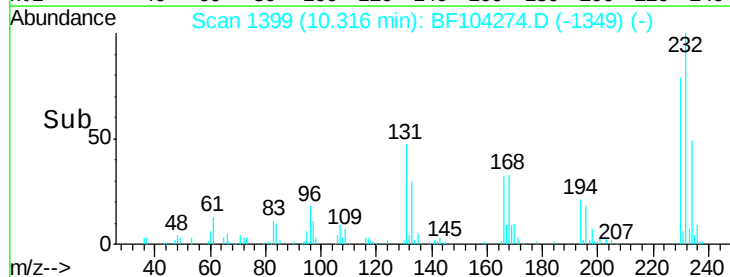
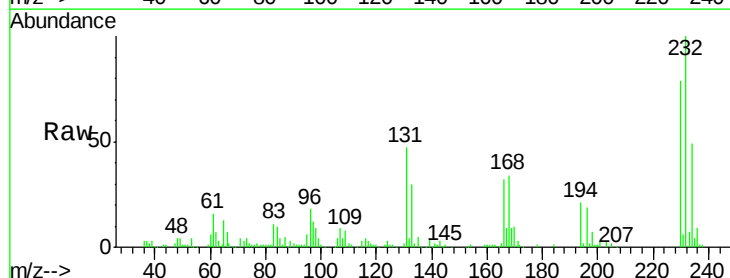
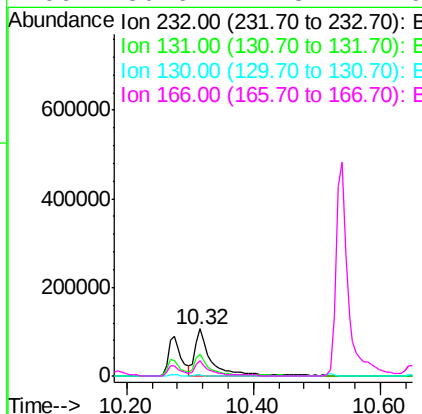
RT: 10.32 min Scan# 1399

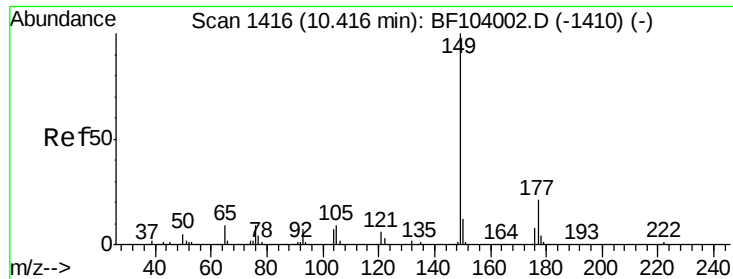
Delta R.T. -0.01 min

Lab File: BF104274.D

Acq: 5 Apr 2018 17:29

Tgt Ion:	232	Resp:	183998
Ion Ratio	Lower	Upper	
232	100		
131	42.8	43.8	65.8#
130	2.1	2.1	3.1
166	30.6	27.8	41.6





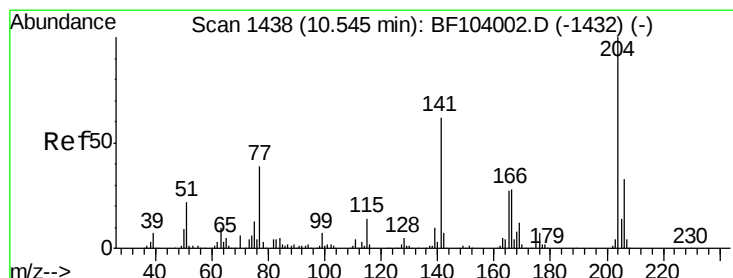
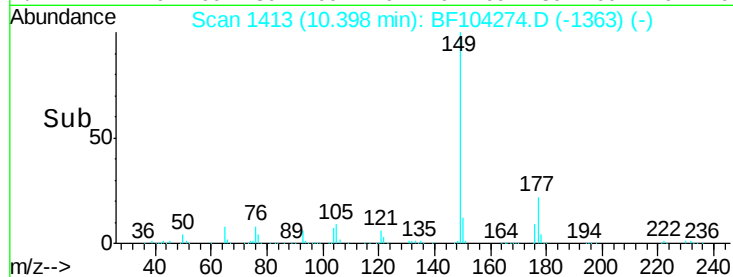
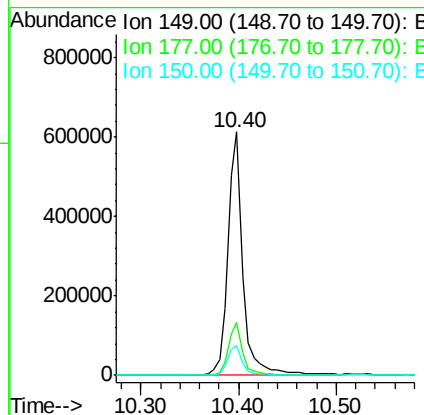
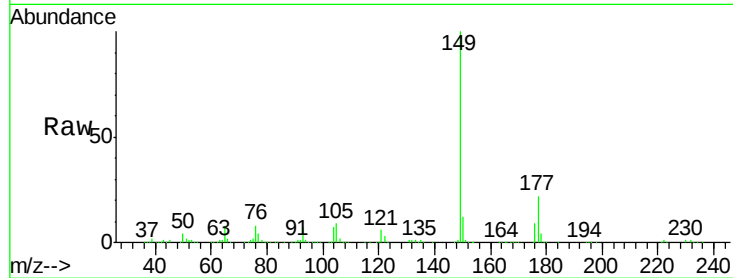
#59
 Diethylphthalate
 Concen: 37.098 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: BF104274.D
 Acq: 5 Apr 2018 17:29

Instrument :
 BNA_F
 ClientSampled :
 PB107931BSD

Tot Ion:	149	Resp:	654035
Ion Ratio	Lower	Upper	
149	100		
177	21.9	16.1	24.1
150	12.3	10.1	15.1

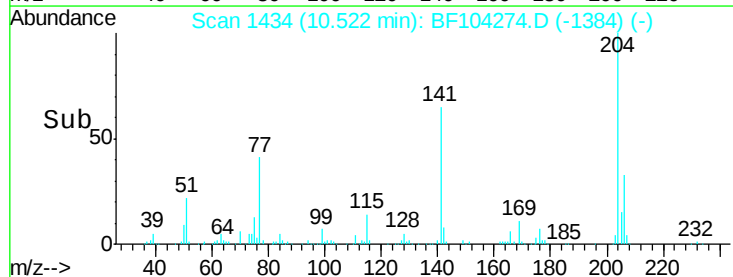
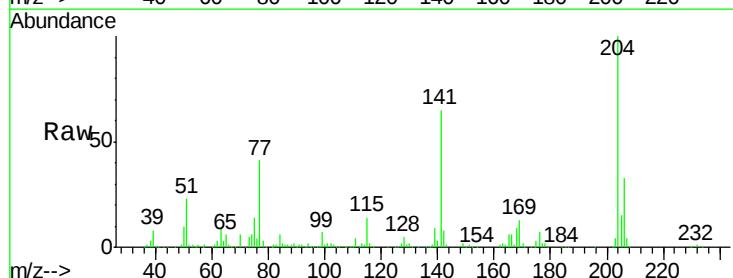
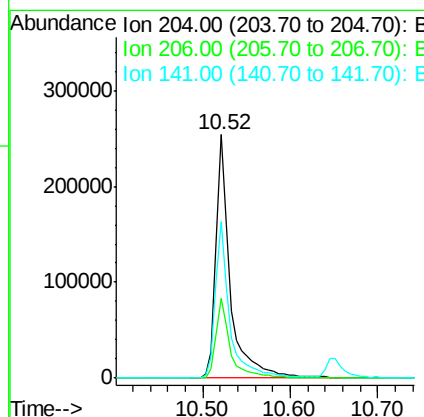
Manual Integrations
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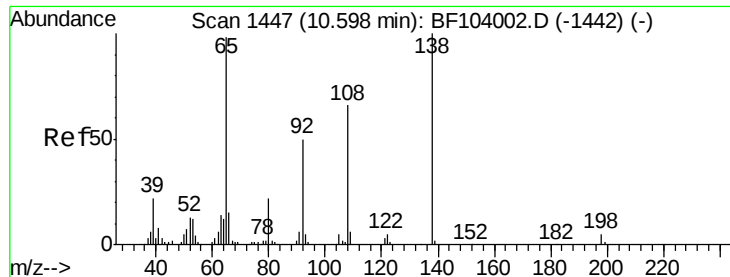
Sohil
 4/6/2018 11:57:50 AM



#60
 4-Chlorophenyl-phenylether
 Concen: 38.523 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF104274.D
 Acq: 5 Apr 2018 17:29

Tgt Ion:	204	Resp:	294752
Ion Ratio	Lower	Upper	
204	100		
206	32.9	26.5	39.7
141	64.5	54.6	81.8





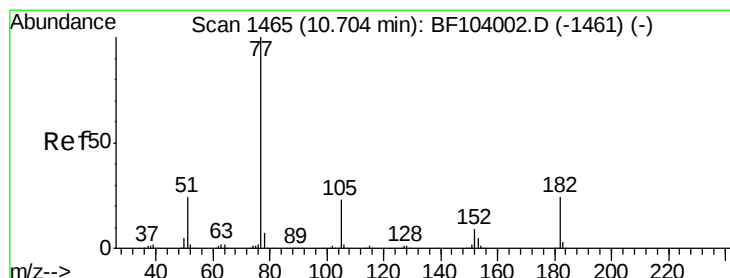
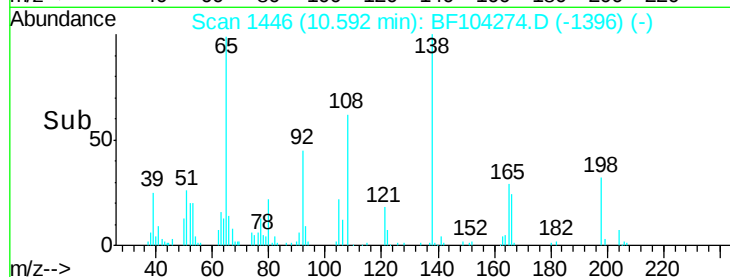
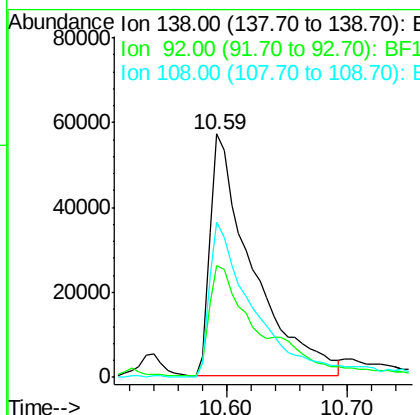
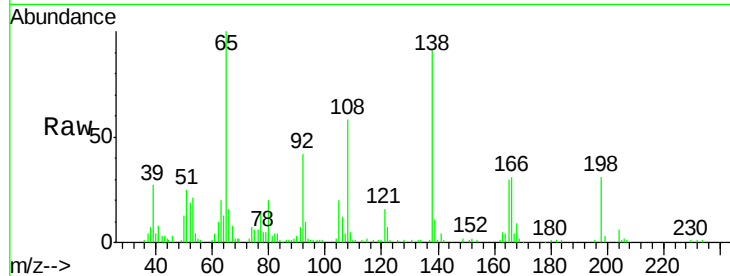
#61
4-Nitroaniline
Concen: 32.209 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF104274.D
Acq: 5 Apr 2018 17:29

Instrument :
BNA_F
ClientSampleId :
PB107931BSD

Tot Ion	Ion	Ratio	Lower	Upper
138	100			
92	46.0	30.2	70.2	
108	64.0	52.5	92.5	

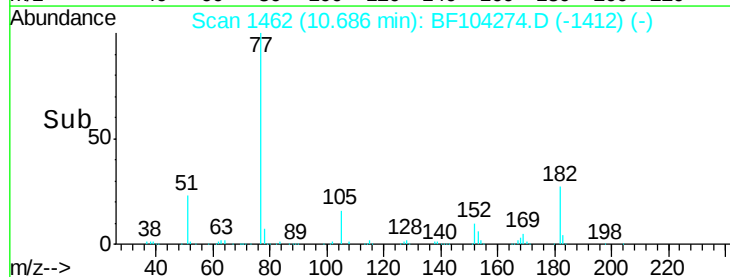
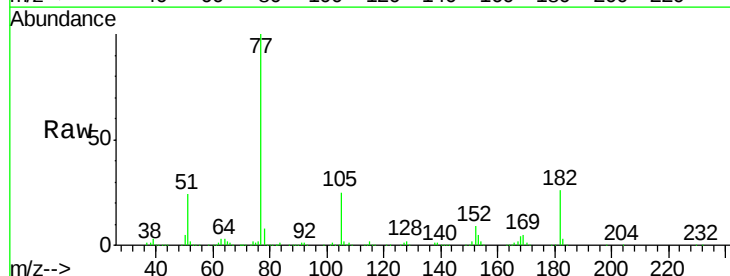
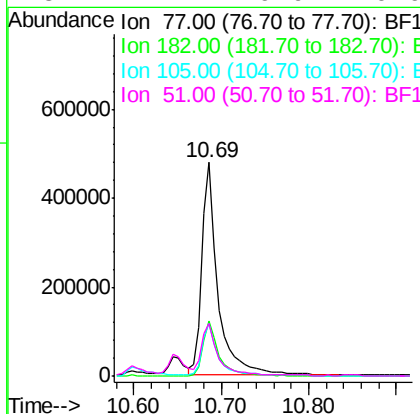
Manual Integrations
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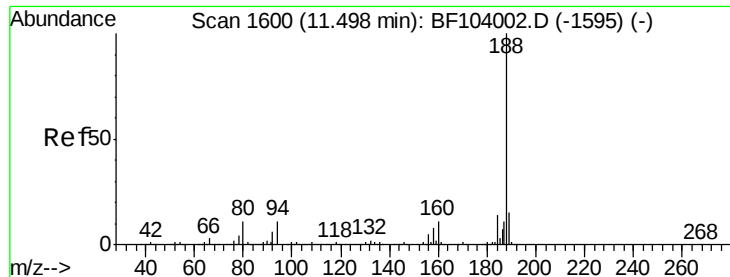
Sohil
4/6/2018 11:57:50 AM



#62
Azobenzene
Concen: 38.156 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF104274.D
Acq: 5 Apr 2018 17:29

Tgt Ion	Ion	Ratio	Lower	Upper
77	100			
182	25.6	1.7	41.7	
105	24.8	3.0	43.0	
51	24.4	9.9	49.9	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF104274.D

Acq: 5 Apr 2018 17:29

Instrument :

BNA_F

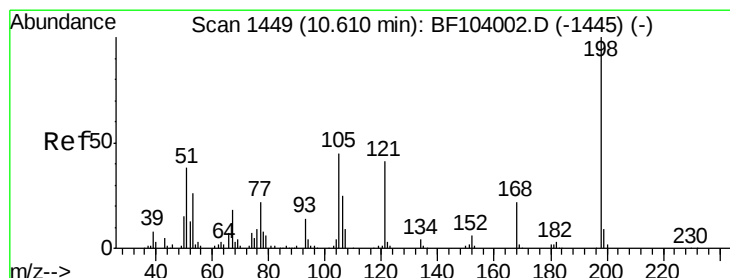
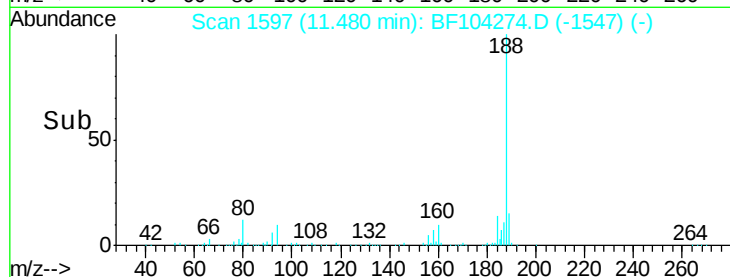
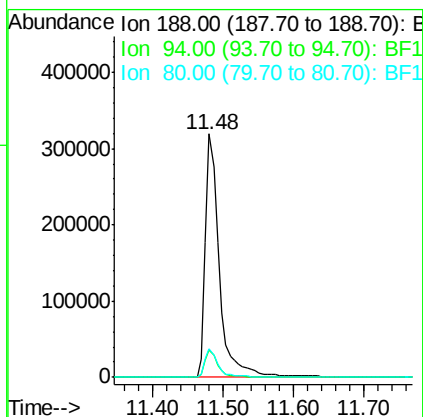
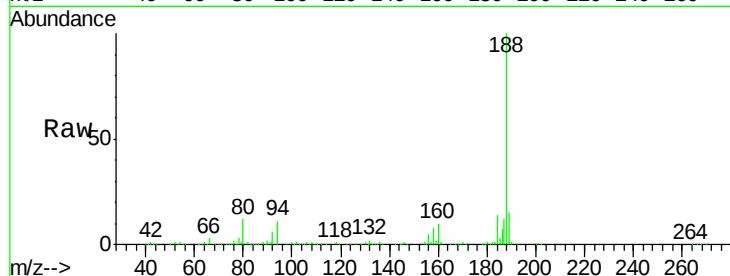
ClientSampleId :

PB107931BSD

Tot Ion:	188	Resp:	444727
Ion Ratio	Lower	Upper	
188	100		
94	11.0	8.5	12.7
80	11.7	9.2	13.8

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#64

4,6-Dinitro-2-methylphenol

Concen: 31.326 ng

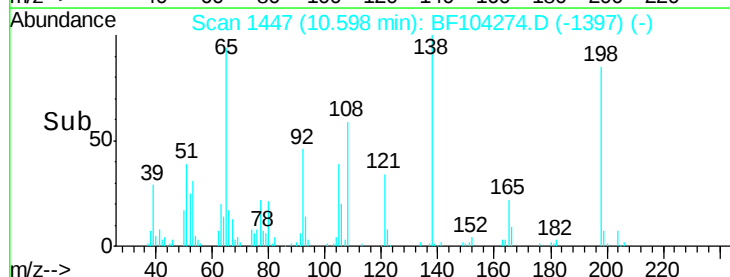
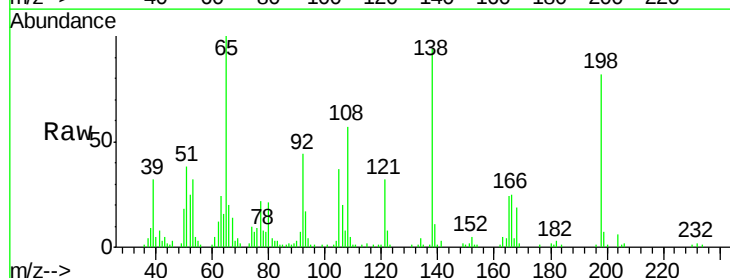
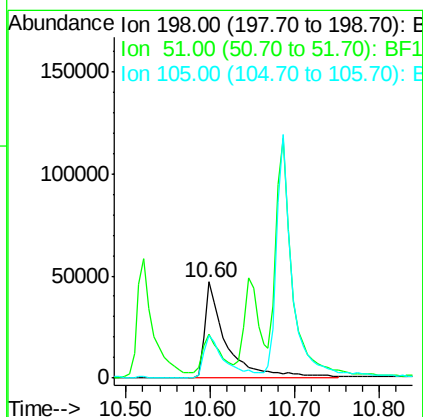
RT: 10.60 min Scan# 1447

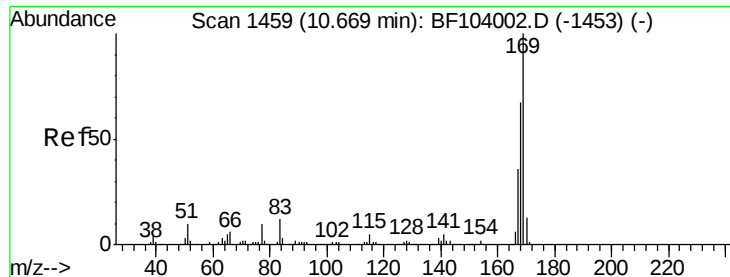
Delta R.T. -0.01 min

Lab File: BF104274.D

Acq: 5 Apr 2018 17:29

Tgt Ion:	198	Resp:	84330
Ion Ratio	Lower	Upper	
198	100		
51	46.1	37.7	77.7
105	45.0	36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 37.155 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BF104274.D

Acq: 5 Apr 2018 17:29

Instrument :

BNA_F

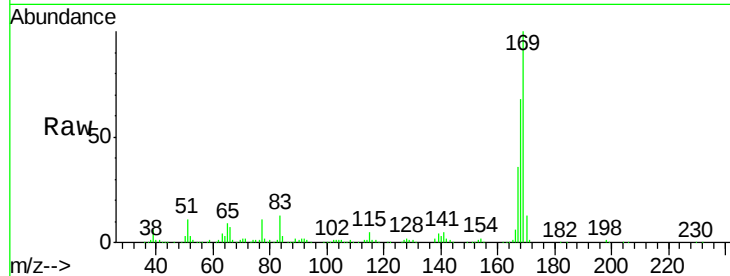
ClientSampleId :

PB107931BSD

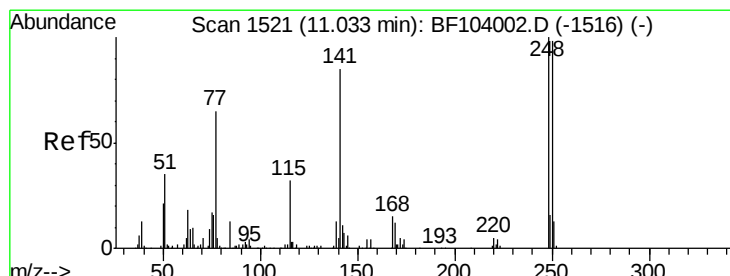
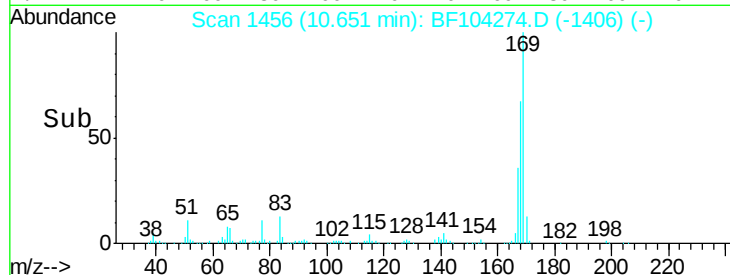
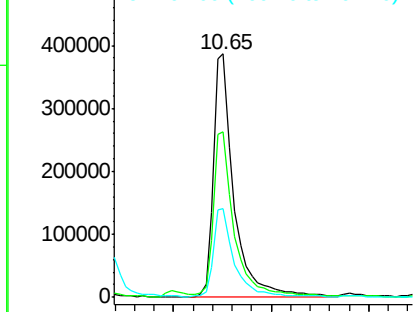
Tot Ion:	169	Resp:	559614
Ion Ratio	Lower	Upper	
169	100		
168	68.1	54.4	81.6
167	36.3	29.8	44.6

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



#66

4-Bromophenyl-phenylether

Concen: 39.769 ng

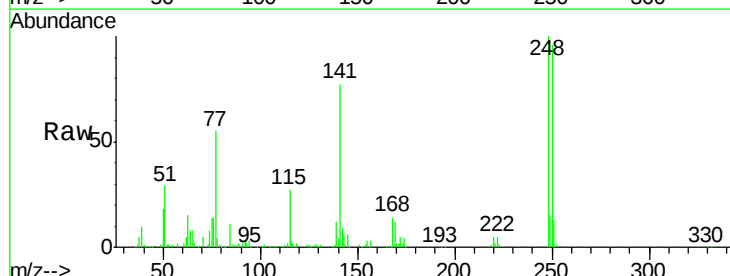
RT: 11.02 min Scan# 1518

Delta R.T. -0.01 min

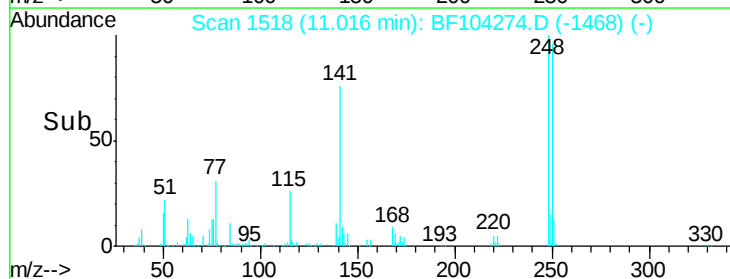
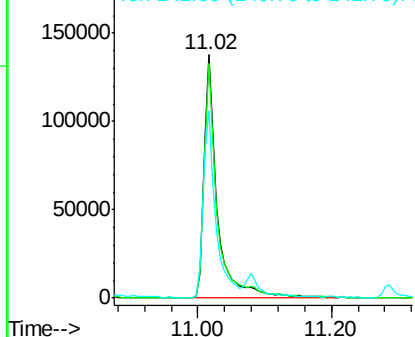
Lab File: BF104274.D

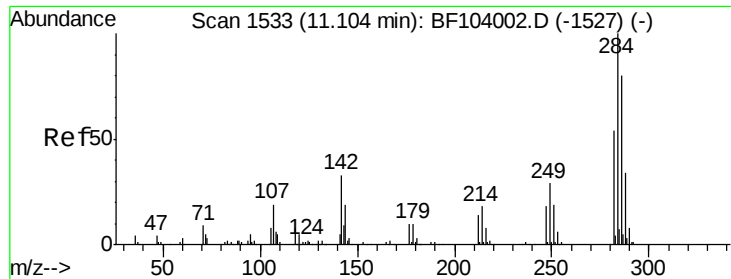
Acq: 5 Apr 2018 17:29

Tgt Ion:	248	Resp:	189219
Ion Ratio	Lower	Upper	
248	100		
250	96.3	76.9	115.3
141	77.0	74.4	111.6



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





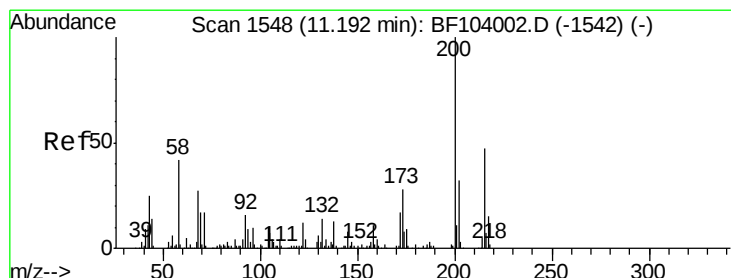
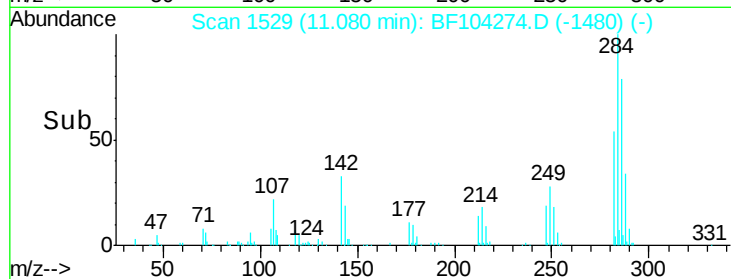
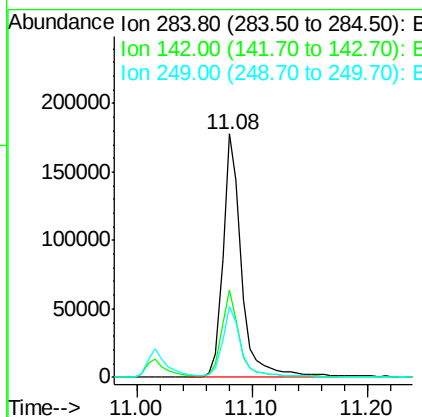
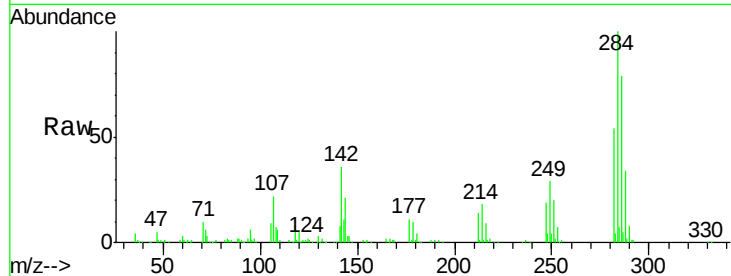
#67
Hexachlorobenzene
Concen: 36.201 ng
RT: 11.08 min Scan# 1529
Delta R.T. -0.01 min
Lab File: BF104274.D
Acq: 5 Apr 2018 17:29

Instrument :
BNA_F
ClientSampleId :
PB107931BSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	198131		
142	35.8	34.6	52.0	
249	29.0	24.8	37.2	

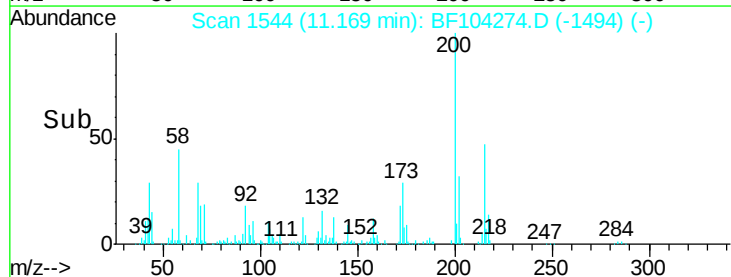
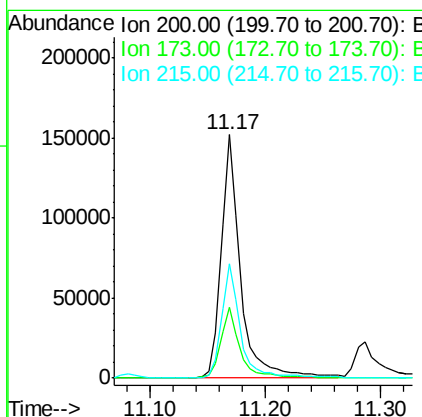
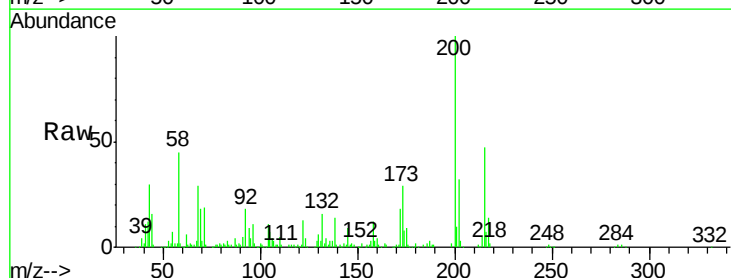
Manual Integrations
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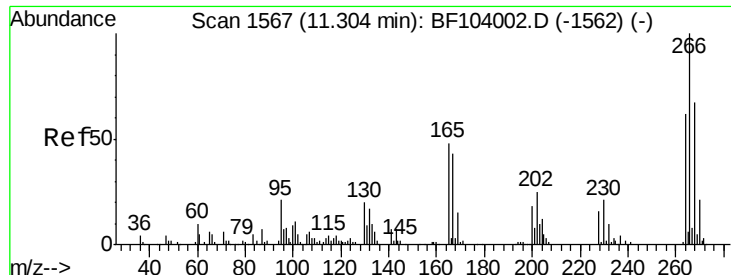
Sohil
4/6/2018 11:57:50 AM



#68
Atrazine
Concen: 38.234 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.01 min
Lab File: BF104274.D
Acq: 5 Apr 2018 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	176419		
173	28.9	8.6	48.6	
215	47.1	25.1	65.1	





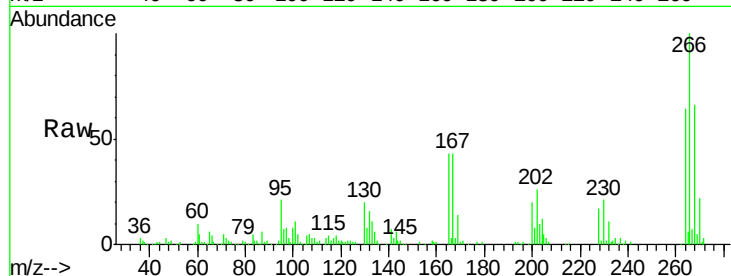
#69
 Pentachlorophenol
 Concen: 59.210 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF104274.D
 Acq: 5 Apr 2018 17:29

Instrument :
 BNA_F
 ClientSampleId :
 PB107931BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	178324		
268	66.3	51.1	76.7	
264	63.9	49.5	74.3	

Manual Integrations
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Sohil
 4/6/2018 11:57:50 AM

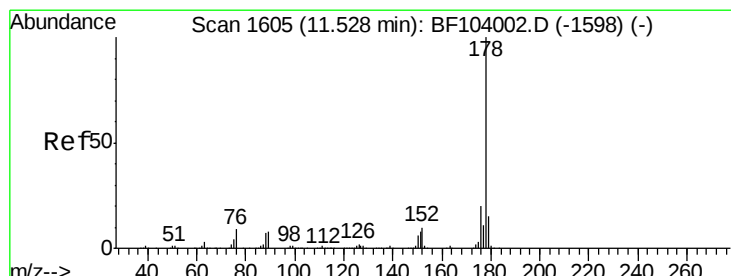
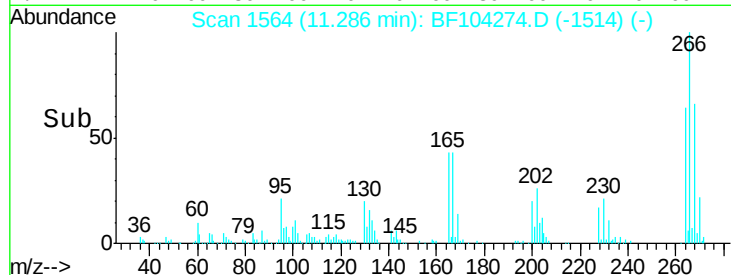
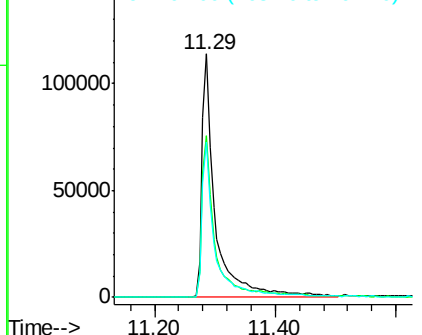


Abundance

Ion 265.70 (265.40 to 266.40): E

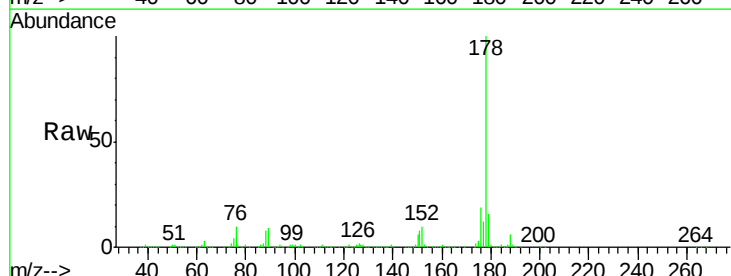
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 36.568 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.01 min
 Lab File: BF104274.D
 Acq: 5 Apr 2018 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	880484		
176	19.4	15.8	23.8	
179	15.8	13.0	19.6	

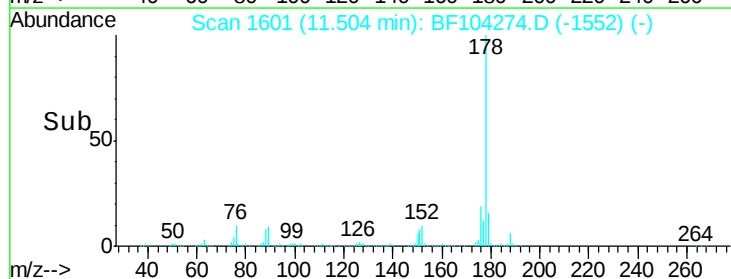
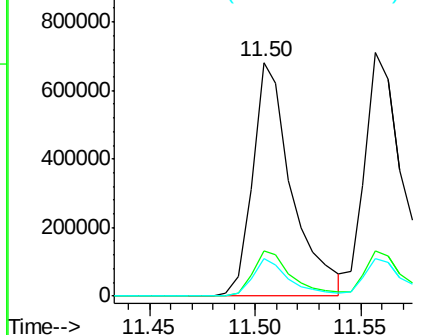


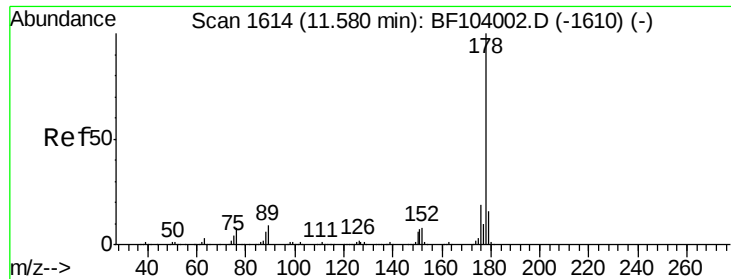
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





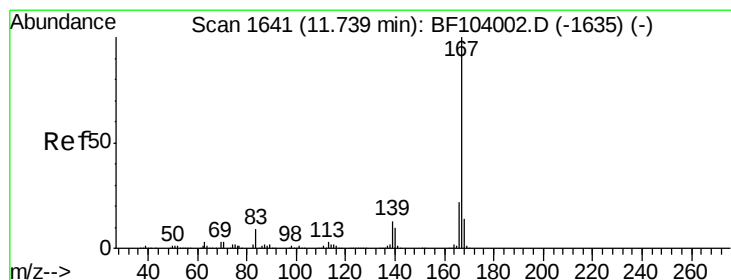
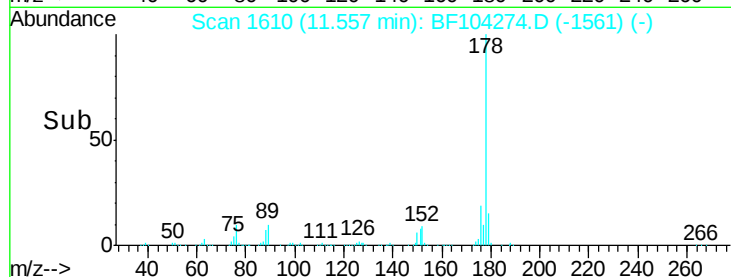
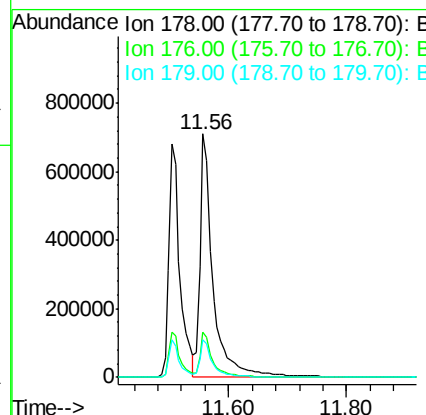
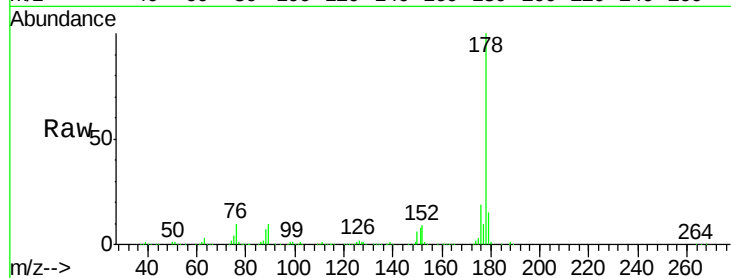
#71
 Anthracene
 Concen: 42.562 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF104274.D
 Acq: 5 Apr 2018 17:29

Instrument :
 BNA_F
 ClientSampleId :
 PB107931BSD

Tot Ion:178 Resp: 1070435
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 15.4 12.6 19.0

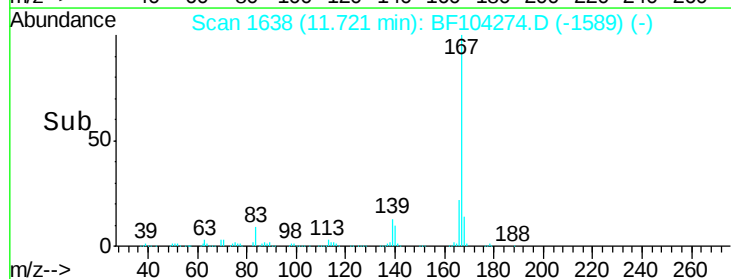
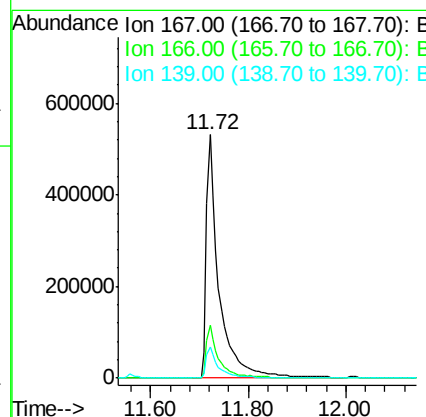
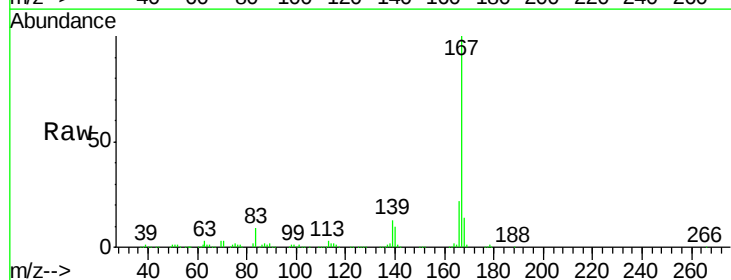
Manual Integrations
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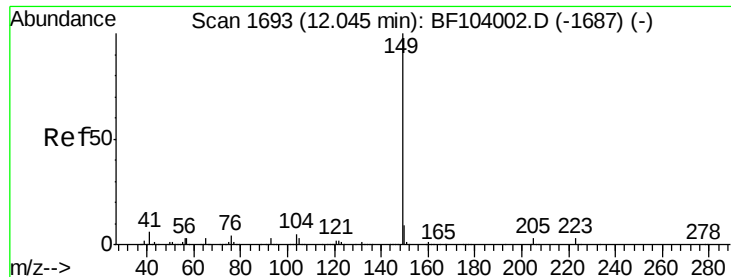
Sohil
 4/6/2018 11:57:50 AM



#72
 Carbazole
 Concen: 39.770 ng
 RT: 11.72 min Scan# 1638
 Delta R.T. -0.01 min
 Lab File: BF104274.D
 Acq: 5 Apr 2018 17:29

Tgt Ion:167 Resp: 954635
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.6 26.4
 139 12.8 10.9 16.3





#73

Di-n-butylphthalate

Concen: 37.412 ng

RT: 12.02 min Scan# 1689

Delta R.T. -0.01 min

Lab File: BF104274.D

Acq: 5 Apr 2018 17:29

Instrument :

BNA_F

ClientSampleId :

PB107931BSD

Tot Ion:149 Resp: 1069702

Ion Ratio Lower Upper

149 100

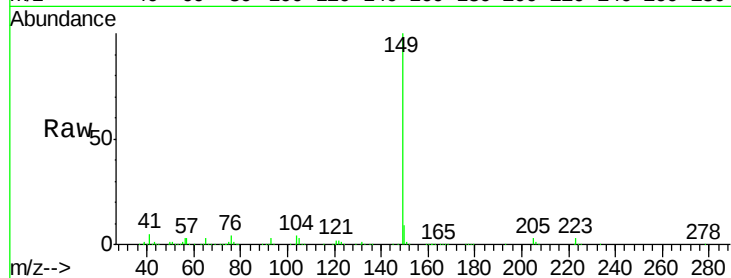
150 9.1 7.8 11.6

104 4.3 3.8 5.8

Manual Integrations
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Sohil

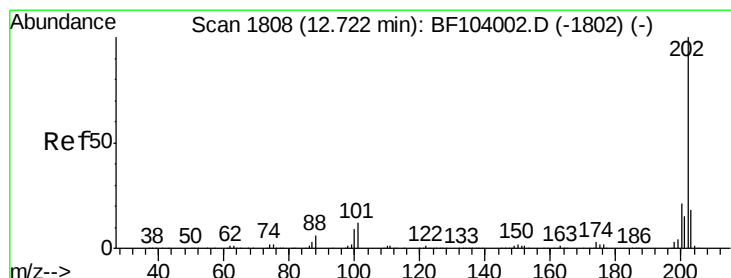
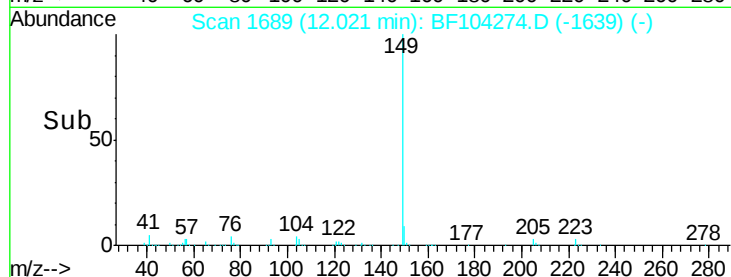
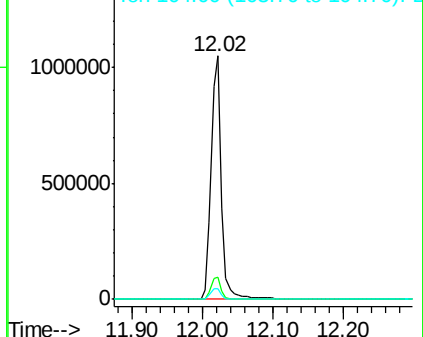
4/6/2018 11:57:50 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.547 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF104274.D

Acq: 5 Apr 2018 17:29

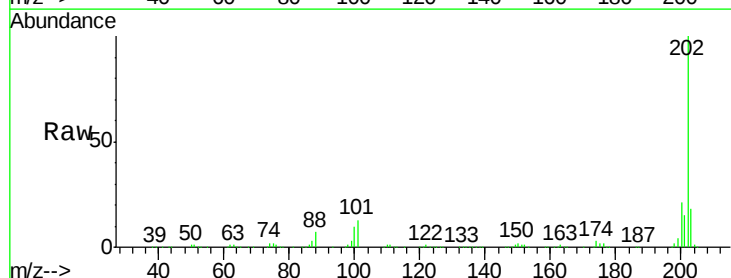
Tgt Ion:202 Resp: 1037758

Ion Ratio Lower Upper

202 100

101 13.1 0.0 34.1

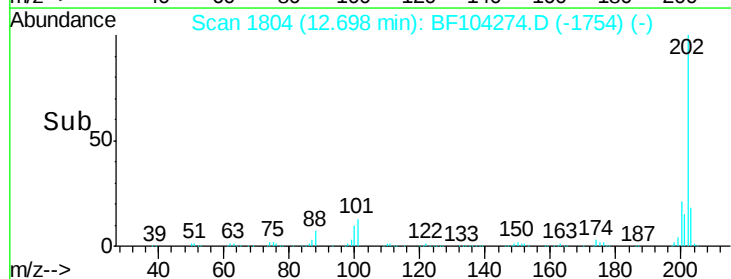
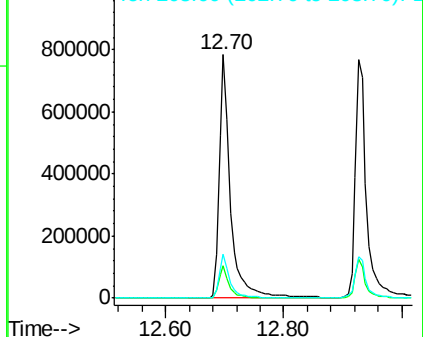
203 18.0 0.0 38.1

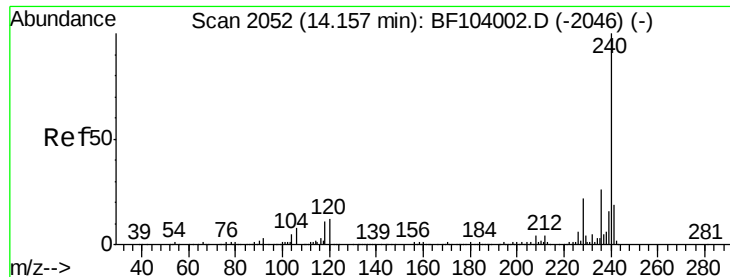


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





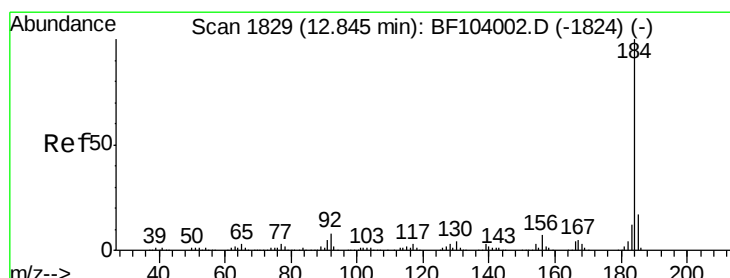
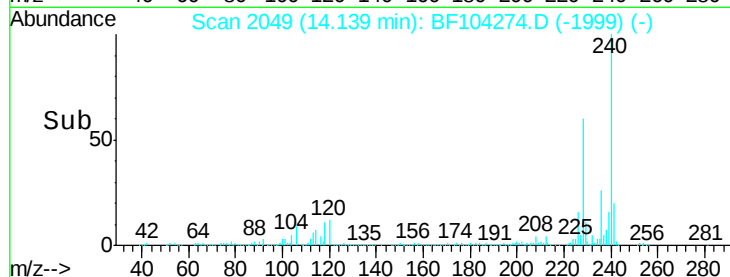
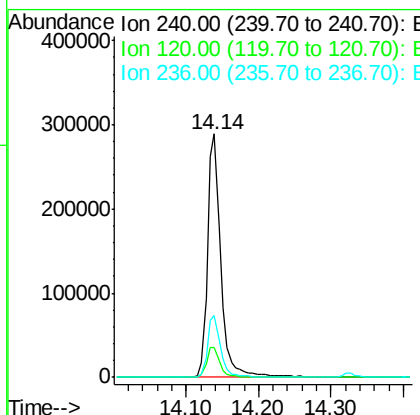
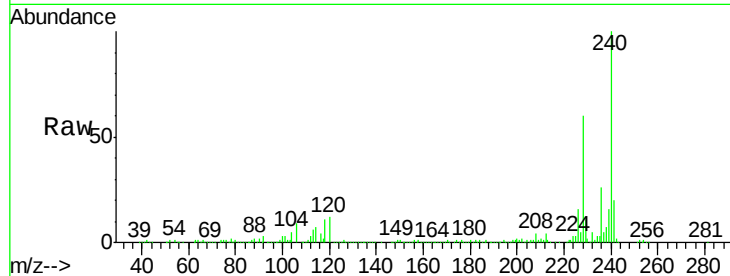
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF104274.D
Acq: 5 Apr 2018 17:29

Instrument :
BNA_F
ClientSampleId :
PB107931BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.5	14.3
236	25.7	20.7	31.1

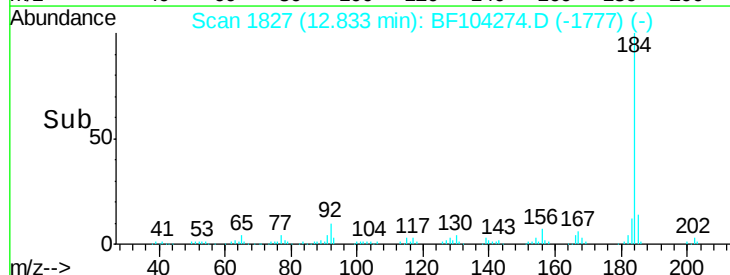
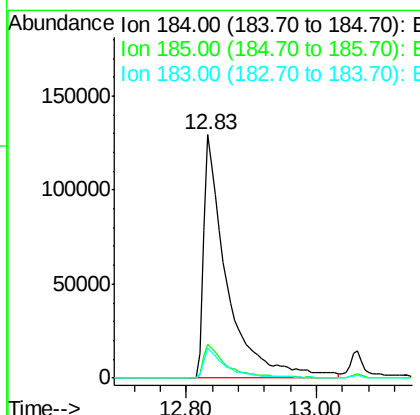
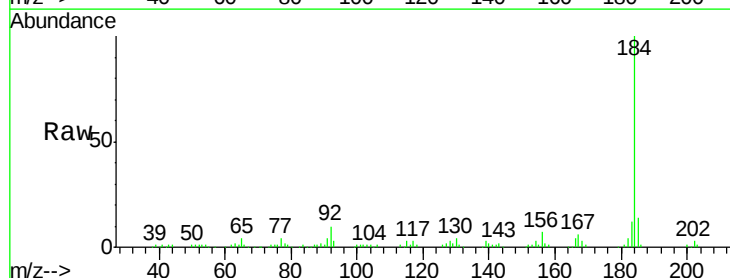
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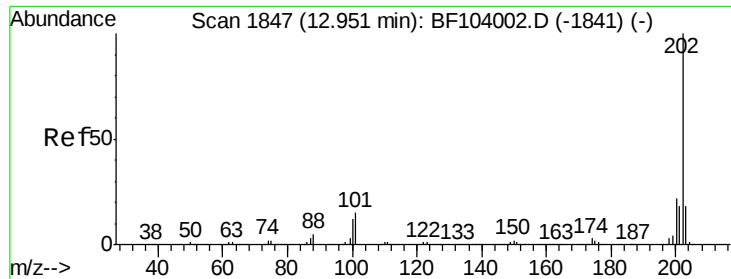
Sohil
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#76
Benzidine
Concen: 30.301 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BF104274.D
Acq: 5 Apr 2018 17:29

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.1	12.6	18.8
183	12.1	9.3	13.9





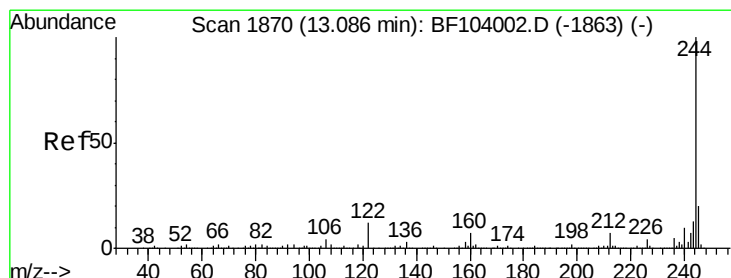
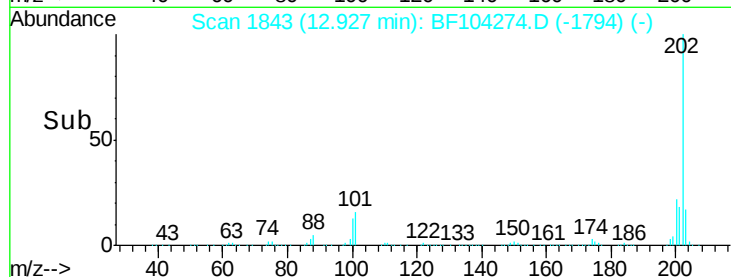
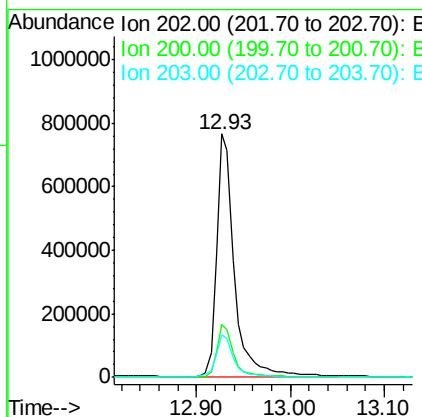
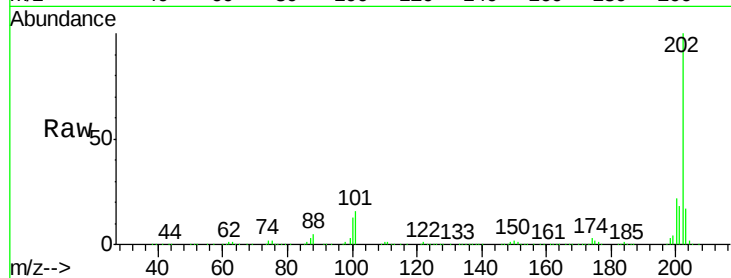
#77
Pvrene
Concen: 37.850 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF104274.D
Acq: 5 Apr 2018 17:29

Instrument :
BNA_F
ClientSampleId :
PB107931BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	17.3	14.3	21.5

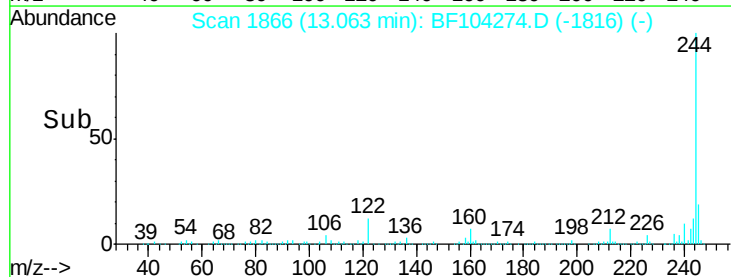
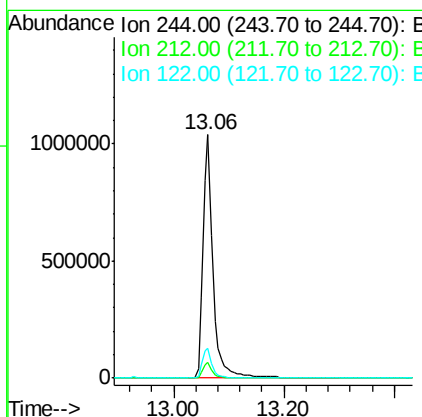
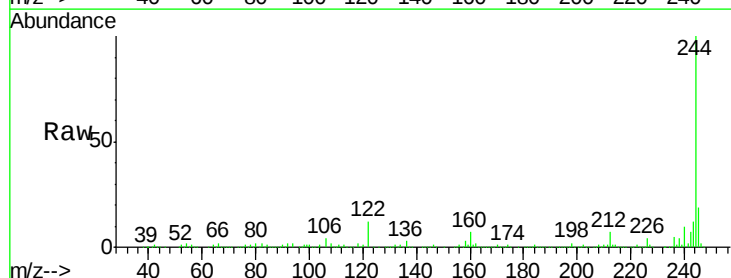
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#78
Terphenyl-d14
Concen: 80.175 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF104274.D
Acq: 5 Apr 2018 17:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	12.0	11.0	16.4





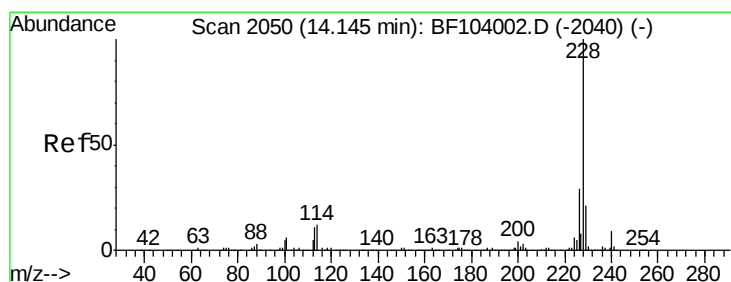
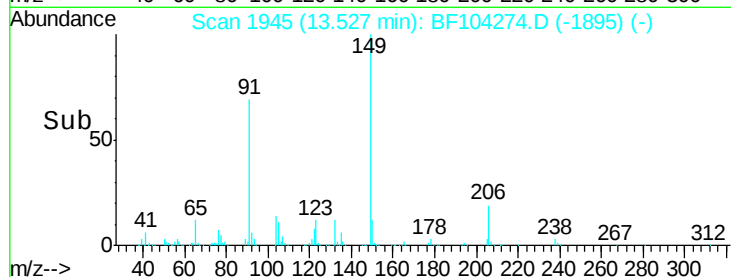
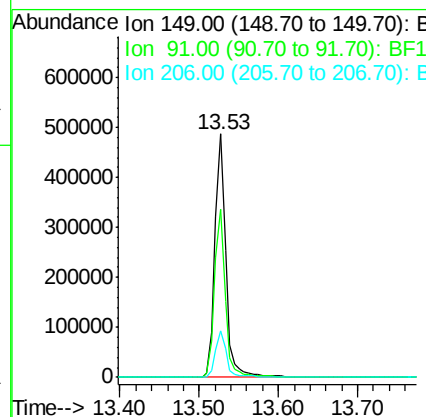
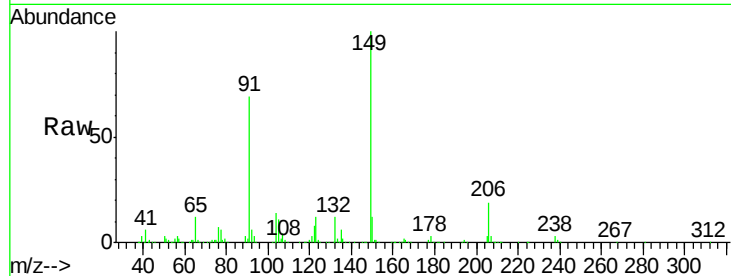
#79
Butylbenzylphthalate
Concen: 37.527 ng
RT: 13.53 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BF104274.D
Acq: 5 Apr 2018 17:29

Instrument :
BNA_F
ClientSampleId :
PB107931BSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	69.1	56.8	85.2
206	19.4	14.1	21.1

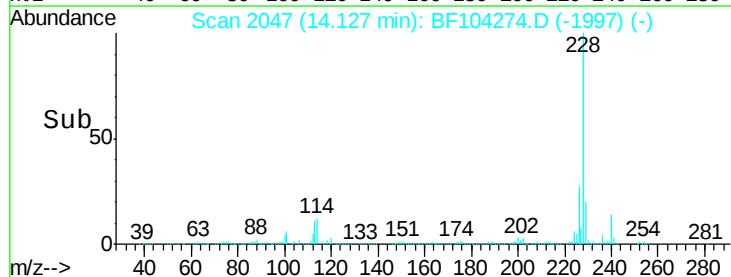
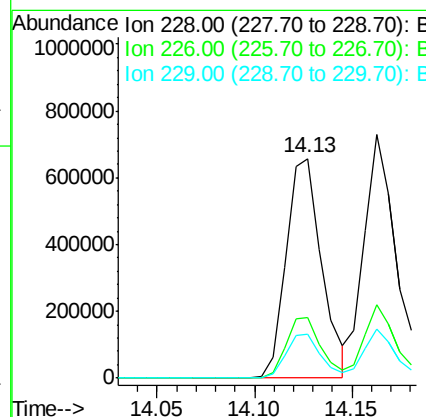
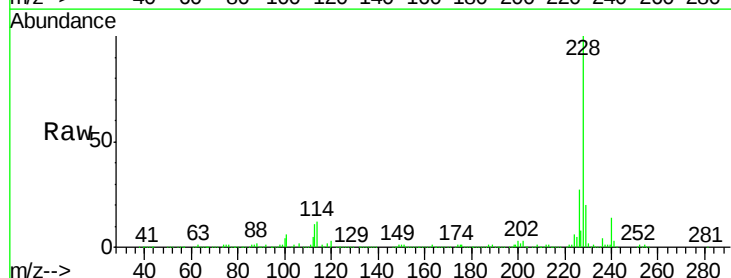
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#80
Benzo(a)anthracene
Concen: 35.765 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF104274.D
Acq: 5 Apr 2018 17:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	20.1	15.8	23.6





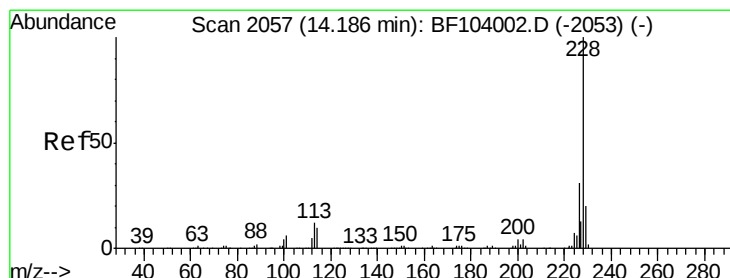
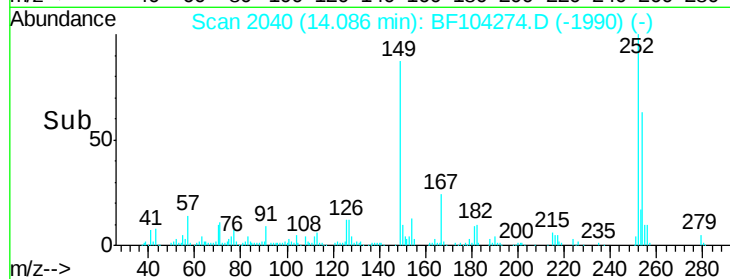
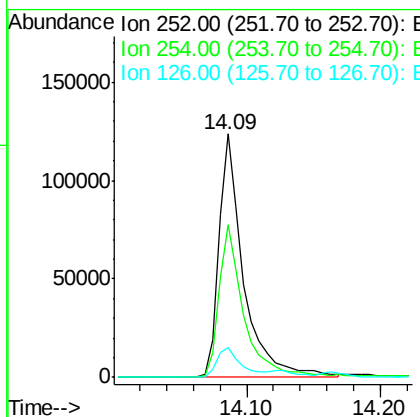
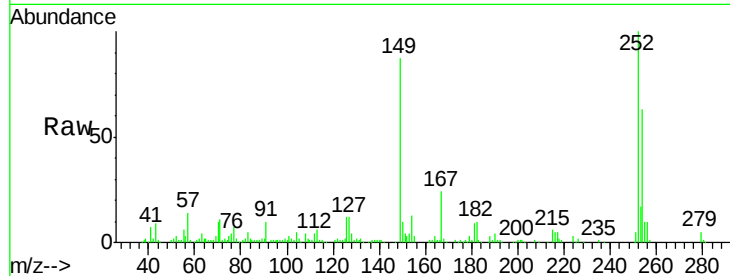
#81
 3,3'-Dichlorobenzidine
 Concen: 20.841 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. -0.01 min
 Lab File: BF104274.D
 Acq: 5 Apr 2018 17:29

Instrument :
 BNA_F
 ClientSampleId :
 PB107931BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	159776		
254	62.6	50.4	75.6	
126	12.0	11.3	16.9	

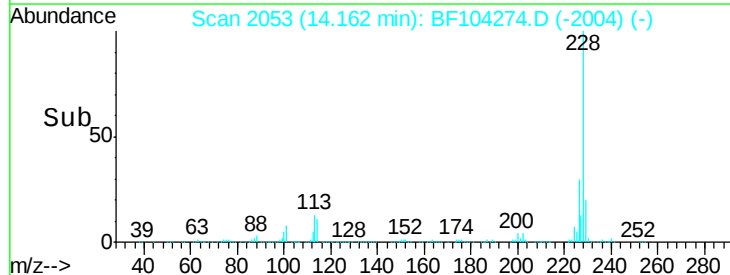
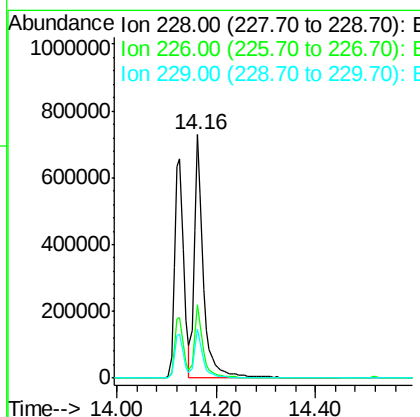
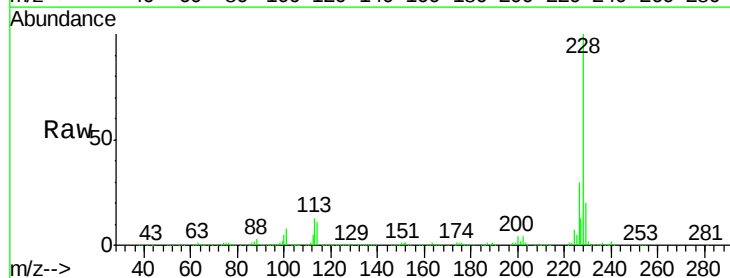
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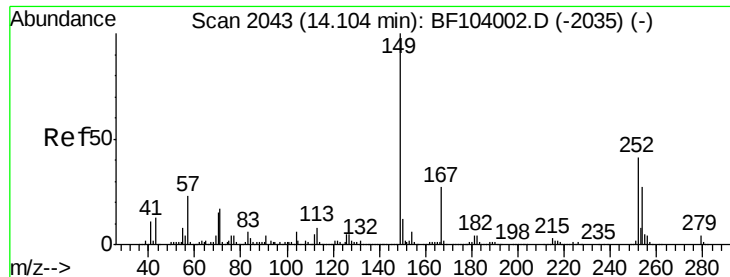
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#82
 Chrysene
 Concen: 41.609 ng
 RT: 14.16 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BF104274.D
 Acq: 5 Apr 2018 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	943909		
226	30.4	25.0	37.6	
229	20.0	16.2	24.4	





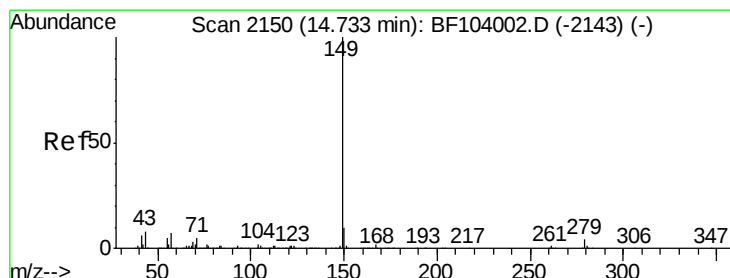
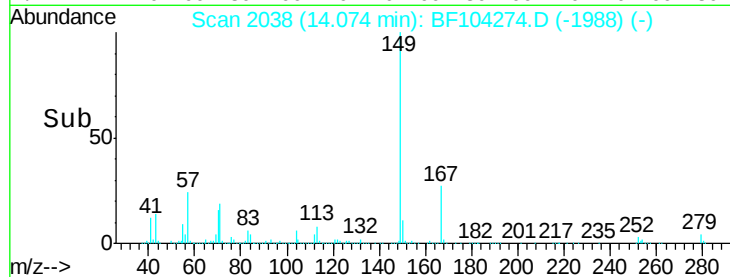
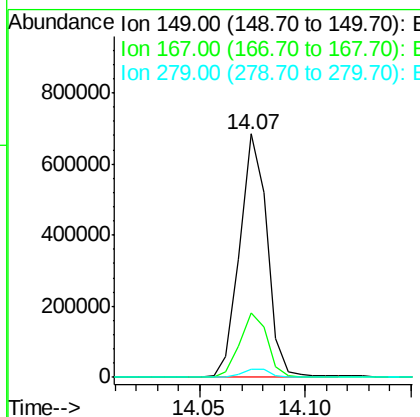
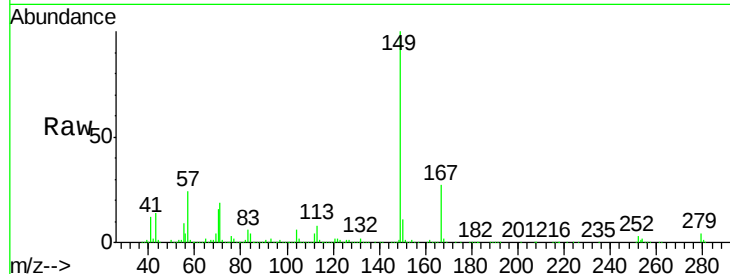
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.848 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.01 min
 Lab File: BF104274.D
 Acq: 5 Apr 2018 17:29

Instrument :
 BNA_F
 ClientSampleId :
 PB107931BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.3	31.9
279	3.6	3.0	4.4

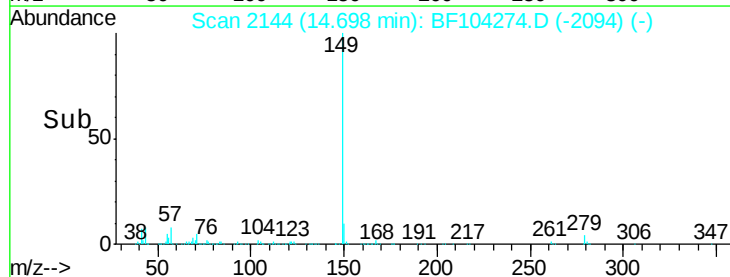
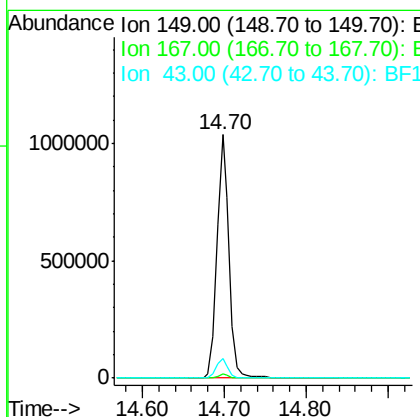
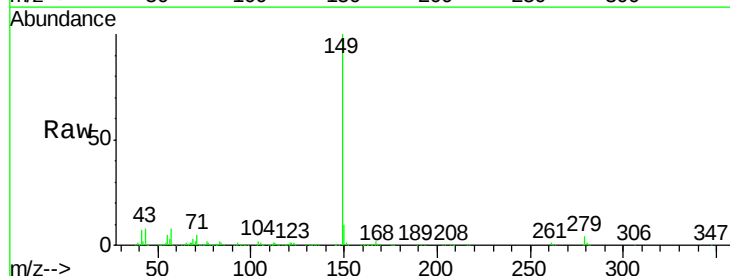
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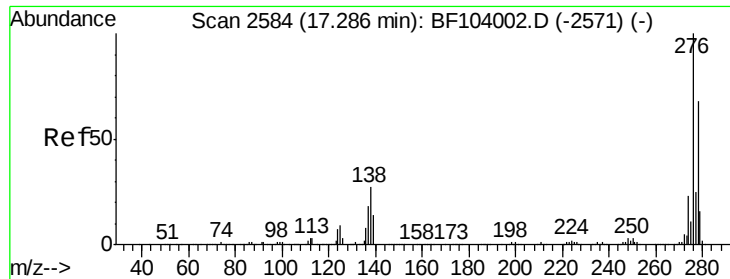
Sohil
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#84
 Di-n-octyl phthalate
 Concen: 38.006 ng
 RT: 14.70 min Scan# 2144
 Delta R.T. -0.01 min
 Lab File: BF104274.D
 Acq: 5 Apr 2018 17:29

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.0	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 31.035 ng

RT: 17.26 min Scan# 2579

Delta R.T. -0.02 min

Lab File: BF104274.D

Acq: 5 Apr 2018 17:29

Instrument :

BNA_F

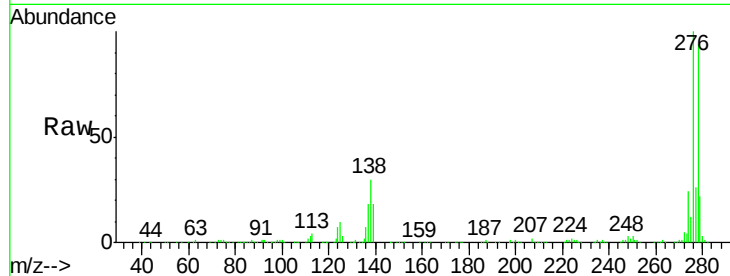
ClientSampleId :

PB107931BSD

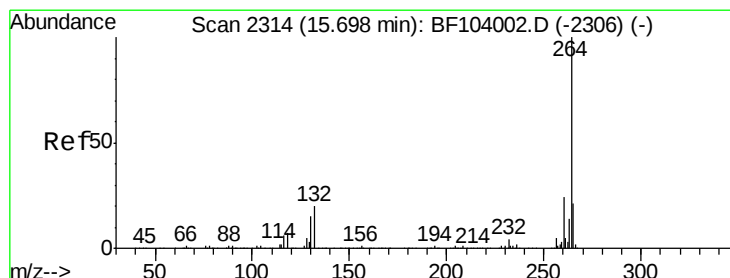
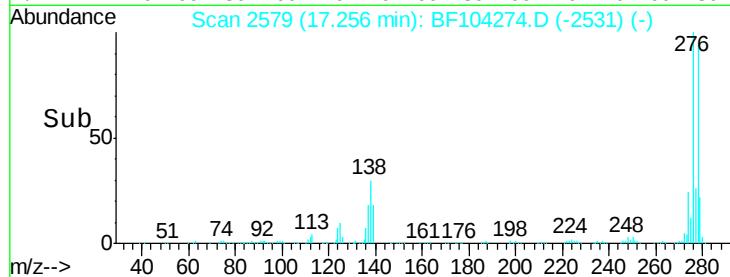
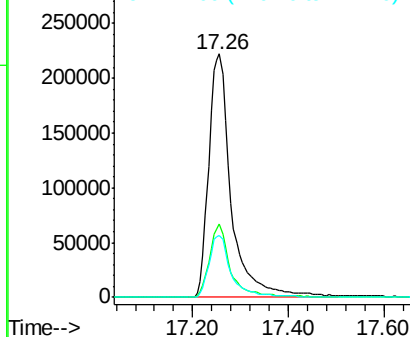
Tot Ion:	276	Resp:	729558
Ion Ratio	Lower	Upper	
276	100		
138	27.8	25.0	37.6
277	25.2	20.1	30.1

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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2309

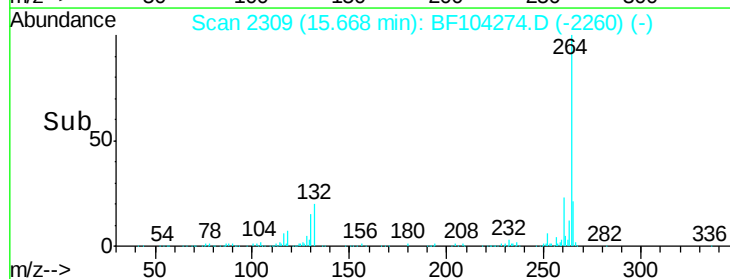
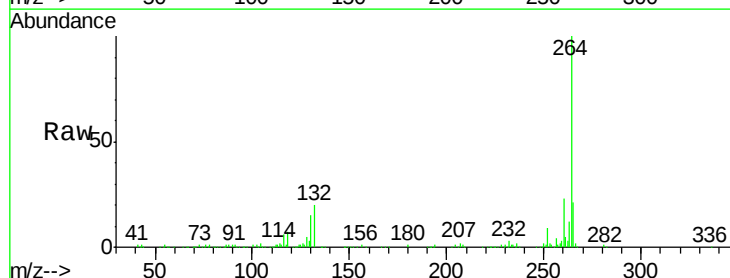
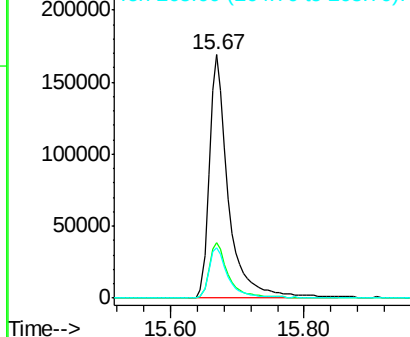
Delta R.T. -0.01 min

Lab File: BF104274.D

Acq: 5 Apr 2018 17:29

Tgt Ion:	264	Resp:	339872
Ion Ratio	Lower	Upper	
264	100		
260	22.7	19.2	28.8
265	20.8	17.5	26.3

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





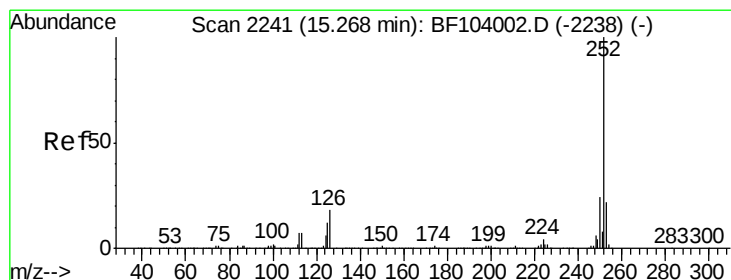
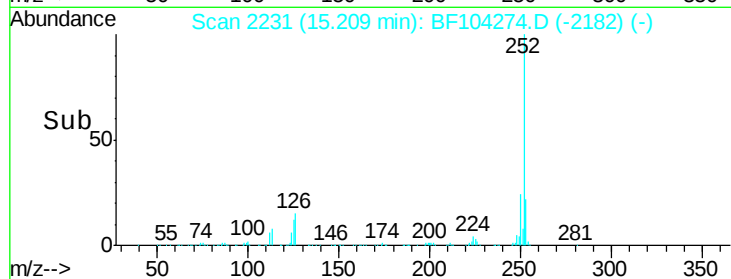
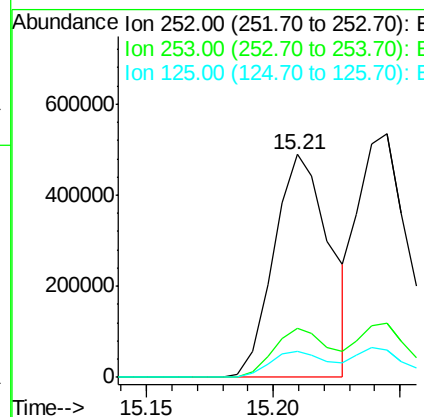
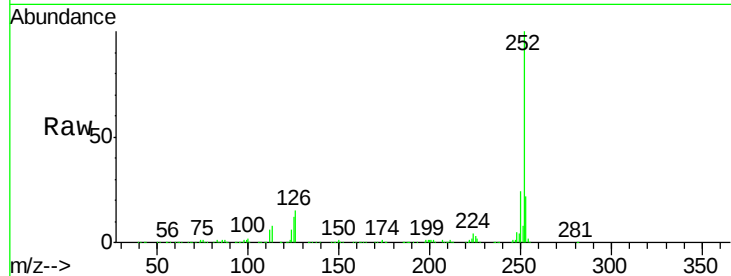
#87
Benzo(b)fluoranthene
Concen: 36.292 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF104274.D
Acq: 5 Apr 2018 17:29

Instrument :
BNA_F
ClientSampleId :
PB107931BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	11.9	9.0	13.6

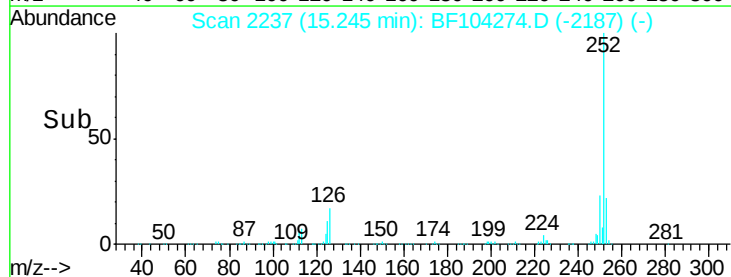
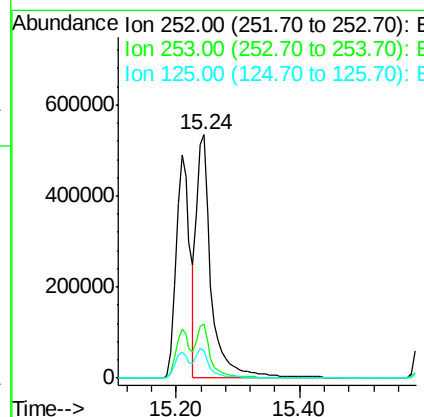
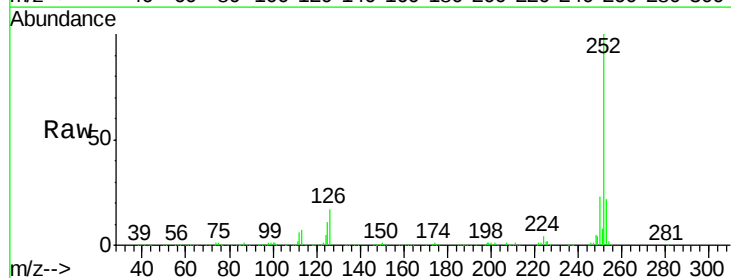
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#88
Benzo(k)fluoranthene
Concen: 45.001 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BF104274.D
Acq: 5 Apr 2018 17:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	11.4	10.2	15.2





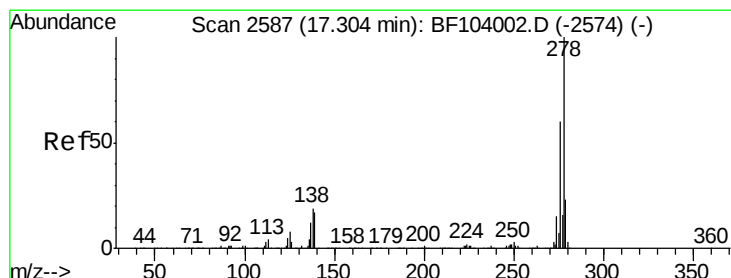
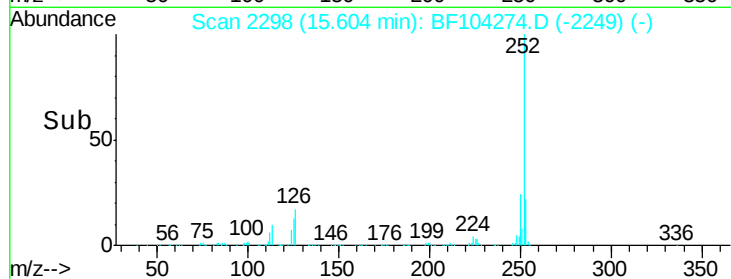
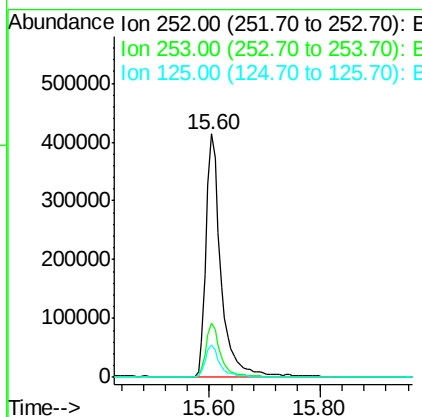
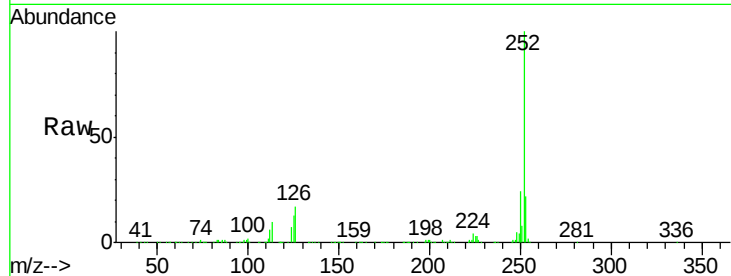
#89
Benzo(a)pyrene
Concen: 40.190 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BF104274.D
Acq: 5 Apr 2018 17:29

Instrument :
BNA_F
ClientSampleId :
PB107931BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	13.4	9.8	14.6

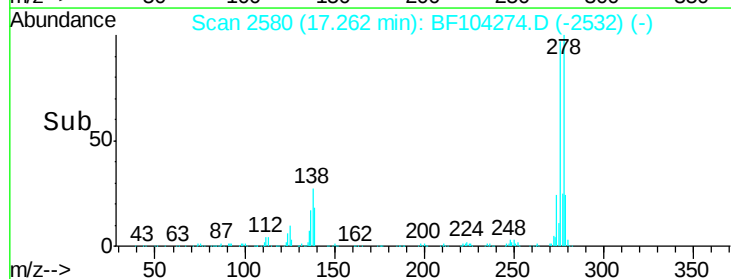
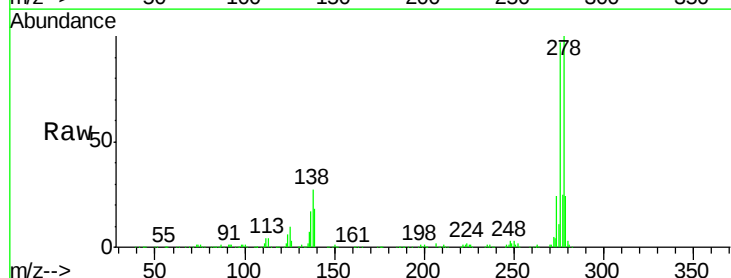
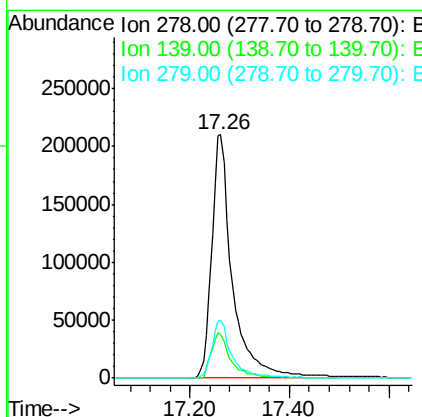
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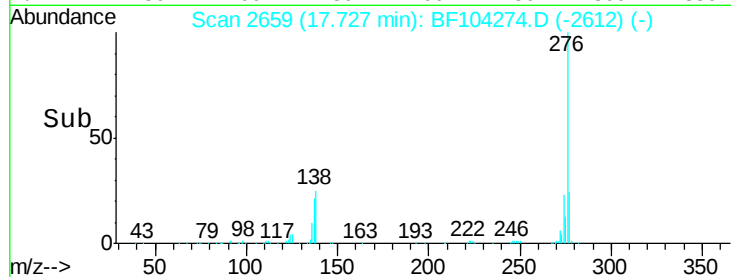
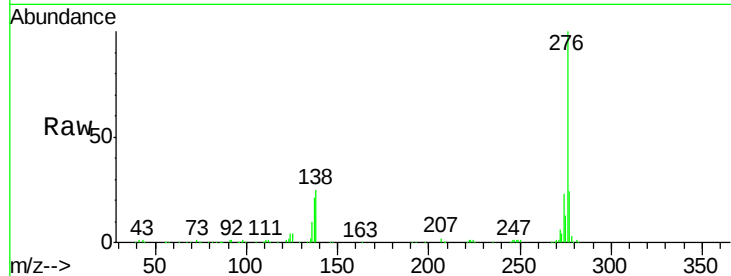
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#90
Dibenzo(a,h)anthracene
Concen: 34.408 ng
RT: 17.26 min Scan# 2580
Delta R.T. -0.02 min
Lab File: BF104274.D
Acq: 5 Apr 2018 17:29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.9	15.9	23.9
279	24.1	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 32.708 ng

RT: 17.73 min Scan# 2659

Delta R.T. -0.02 min

Lab File: BF104274.D

Acq: 5 Apr 2018 17:29

Instrument :

BNA_F

ClientSampleId :

PB107931BSD

Tot Ion:276 Resp: 580589

Ion Ratio Lower Upper

276 100

277 23.7 17.9 26.9

138 24.8 21.8 32.8

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