

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
 Data File : BF104308.D
 Acq On : 6 Apr 2018 16:09
 Operator : JU/SJ
 Sample : PB107966BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107966BS

Manual Integrations
 APPROVED

Sohil
 4/9/2018 11:18:20 AM

Quant Time: Apr 06 23:17:25 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 06 16:44:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	150036	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	614320	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	285913	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	535183	20.00	ng	0.00
75) Chrysene-d12	13.97	240	430387	20.00	ng	0.00
86) Perylene-d12	15.43	264	347918	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1144663	116.66	ng	0.02
7) Phenol-d6	6.43	99	1442146	119.62	ng	0.00
23) Nitrobenzene-d5	7.37	82	864951	91.94	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	379822	128.06	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1545005	85.37	ng	0.00
78) Terphenyl-d14	12.92	244	1591613	84.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	160788	35.167	ng	91
3) Pyridine	3.33	79	470215	36.579	ng	88
4) n-Nitrosodimethylamine	3.29	42	195652	43.540	ng	81
6) Aniline	6.47	93	577853	34.499	ng	97
8) 2-Chlorophenol	6.59	128	431277	41.643	ng	93
9) Benzaldehyde	6.35	77	137107	18.675	ng	96
10) Phenol	6.45	94	554852	43.375	ng	95
11) bis(2-Chloroethyl)ether	6.55	93	409202	40.086	ng	95
12) 1,3-Dichlorobenzene	6.75	146	441352	37.617	ng	100
13) 1,4-Dichlorobenzene	6.82	146	447926	38.298	ng	99
14) 1,2-Dichlorobenzene	6.97	146	412997	38.105	ng	99
15) Benzyl Alcohol	6.95	79	377639	41.241	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.08	45	542496	39.572	ng	94
17) 2-Methylphenol	7.06	107	372032	41.325	ng	98
18) Hexachloroethane	7.32	117	164735	39.505	ng	96
19) n-Nitroso-di-n-propylamine	7.22	70	304213	38.614	ng	94
20) 3+4-Methylphenols	7.21	107	438198	39.247	ng	# 79
22) Acetophenone	7.22	105	583555	38.584	ng	100
24) Nitrobenzene	7.39	77	449383	43.264	ng	99
25) Isophorone	7.63	82	856222	43.038	ng	98
26) 2-Nitrophenol	7.70	139	218045	51.565	ng	95
27) 2,4-Dimethylphenol	7.74	122	423852	48.274	ng	98
28) bis(2-Chloroethoxy)methane	7.84	93	539810	44.379	ng	99
29) 2,4-Dichlorophenol	7.94	162	368547	43.993	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	356092	38.731	ng	99
31) Naphthalene	8.11	128	1234706	40.363	ng	99
32) Benzoic acid	7.87	122	292823	41.799	ng	97
33) 4-Chloroaniline	8.16	127	437241	33.364	ng	98
34) Hexachlorobutadiene	8.22	225	193408	38.406	ng	98
35) Caprolactam	8.53	113	125964m	43.102	ng	
36) 4-Chloro-3-methylphenol	8.64	107	400806	44.619	ng	98
37) 2-Methylnaphthalene	8.80	142	820796	41.482	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	325043	39.715	ng	99
40) Hexachlorocyclopentadiene	8.95	237	403717	88.110	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	259110	45.606	nq	97
43) 2,4,5-Trichlorophenol	9.11	196	256528	40.348	nq	97
45) 1,1'-Biphenyl	9.27	154	966062	40.221	nq	99
46) 2-Chloronaphthalene	9.29	162	761588	40.143	nq	98
47) 2-Nitroaniline	9.39	65	236275	50.360	nq	97
48) Acenaphthylene	9.70	152	1192710	40.070	nq	99
49) Dimethylphthalate	9.57	163	916236	40.638	nq	99
50) 2,6-Dinitrotoluene	9.63	165	206562	49.512	nq	95
51) Acenaphthene	9.88	154	795926	43.825	nq	100
52) 3-Nitroaniline	9.80	138	193247	39.566	nq	98
53) 2,4-Dinitrophenol	9.90	184	167981	91.207	nq	# 20
54) Dibenzofuran	10.05	168	1069892	42.272	nq	97
55) 4-Nitrophenol	9.96	139	391617	102.073	nq	98
56) 2,4-Dinitrotoluene	10.03	165	272301	49.759	nq	98
57) Fluorene	10.39	166	783512	42.531	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	219445	46.265	nq	97
59) Diethylphthalate	10.27	149	928397	41.345	nq	98
60) 4-Chlorophenyl-phenylether	10.39	204	345716	42.138	nq	99
61) 4-Nitroaniline	10.42	138	235864	49.390	nq	97
62) Azobenzene	10.55	77	909175	42.380	nq	98
64) 4,6-Dinitro-2-methylphenol	10.44	198	114350	44.504	nq	86
65) n-Nitrosodiphenylamine	10.51	169	752454	40.550	nq	99
66) 4-Bromophenyl-phenylether	10.87	248	230290	40.454	nq	97
67) Hexachlorobenzene	10.94	284	253054	39.506	nq	# 89
68) Atrazine	11.04	200	243170	43.415	nq	99
69) Pentachlorophenol	11.13	266	292176	73.731	nq	97
70) Phenanthrene	11.36	178	1193555	40.047	nq	99
71) Anthracene	11.41	178	1236230	40.805	nq	100
72) Carbazole	11.56	167	1172751	39.614	nq	100
73) Di-n-butylphthalate	11.90	149	1440465	39.832	nq	99
74) Fluoranthene	12.55	202	1274111	40.916	nq	98
76) Benzdine	12.67	184	689427	50.869	nq	98
77) Pyrene	12.77	202	1293943	40.560	nq	100
79) Butylbenzylphthalate	13.40	149	638555	42.487	nq	97
80) Benzo(a)anthracene	13.96	228	1037958	40.369	nq	100
81) 3,3'-Dichlorobenzidine	13.93	252	317183	33.086	nq	98
82) Chrysene	14.00	228	1057073	40.026	nq	100
83) Bis(2-ethylhexyl)phthalate	13.96	149	771402	39.904	nq	100
84) Di-n-octyl phthalate	14.58	149	1439236	44.557	nq	97
85) Indeno(1,2,3-cd)pyrene	16.86	276	850289	37.900	nq	98
87) Benzo(b)fluoranthene	15.01	252	966381	43.979	nq	98
88) Benzo(k)fluoranthene	15.04	252	922643	44.475	nq	99
89) Benzo(a)pyrene	15.37	252	869120	44.205	nq	97
90) Dibenzo(a,h)anthracene	16.89	278	696967	43.162	nq	99
91) Benzo(g,h,i)perylene	17.30	276	713945	45.636	nq	98

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

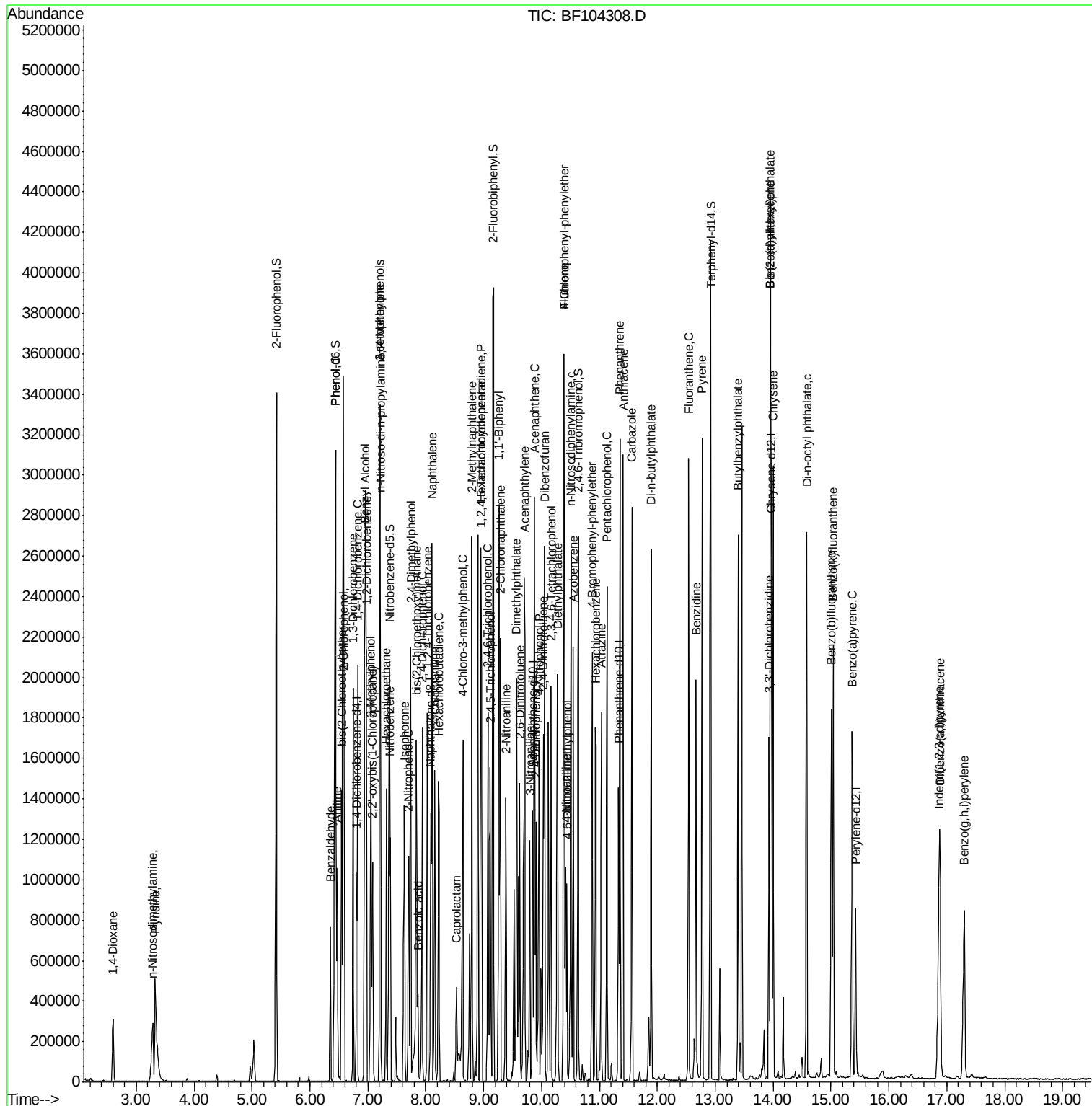
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Sample    : PB107966BS  
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ALS Vial  : 3 Sample Multiplier: 1
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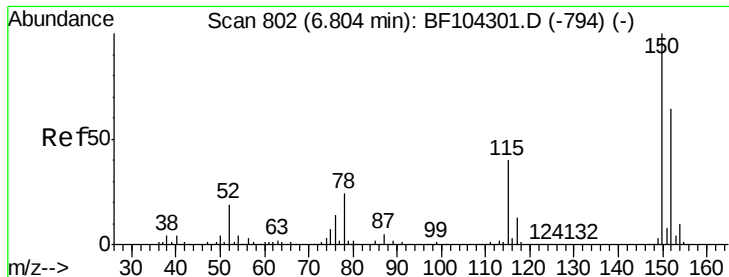
Instrument :
BNA_F
ClientSampleId :
PB107966BS

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#1

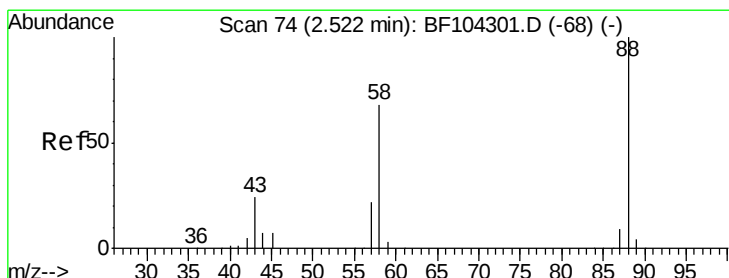
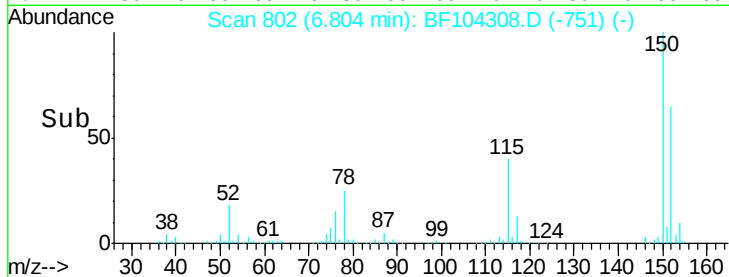
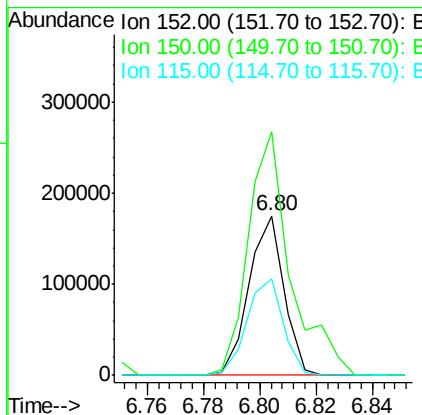
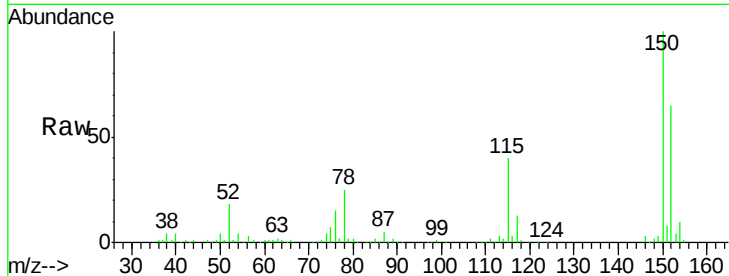
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Instrument :
BNA_F
ClientSampleId :
PB107966BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	124.6	186.8
115	60.9	50.1	75.1

Manual Integrations
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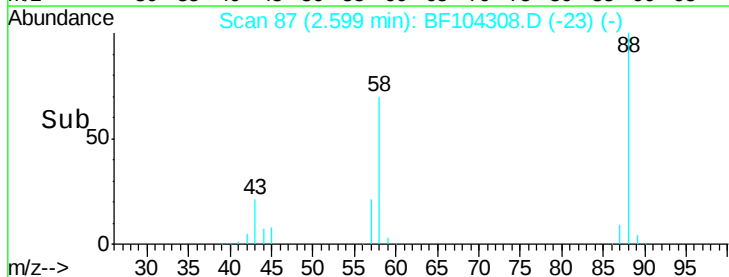
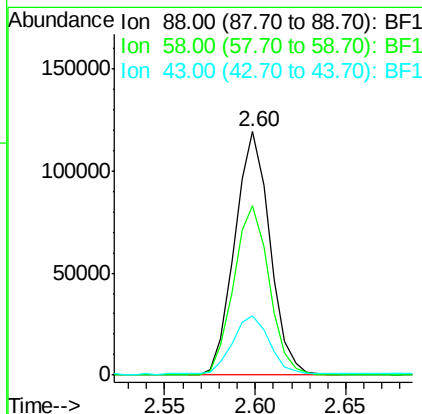
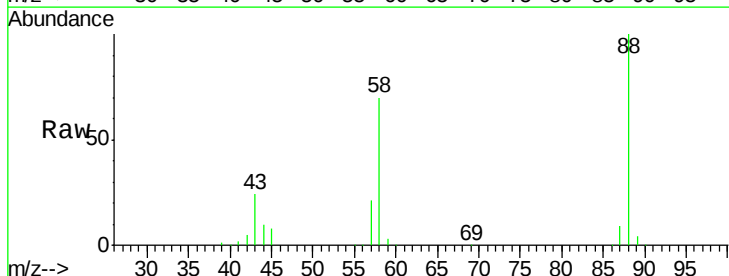
Sohil
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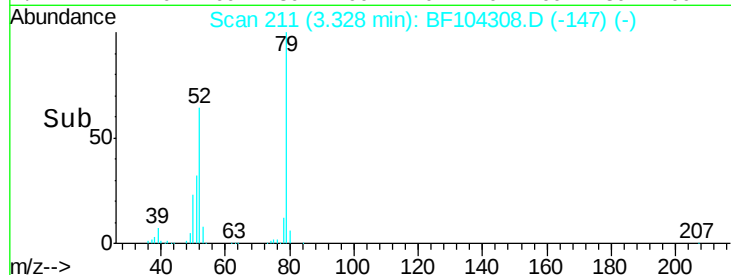
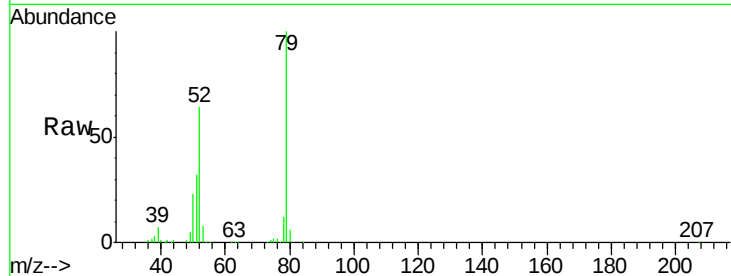
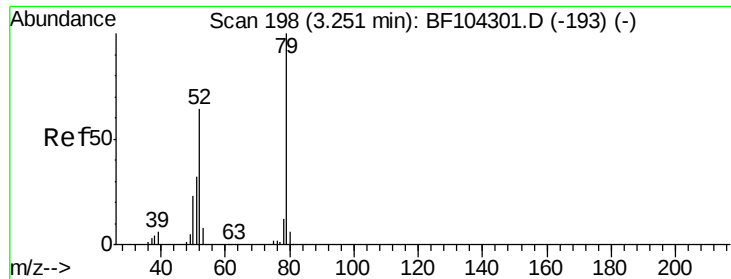


#2

1,4-Dioxane
Concen: 35.167 ng
RT: 2.60 min Scan# 87
Delta R.T. 0.08 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.3	62.6	93.8
43	25.9	24.6	37.0





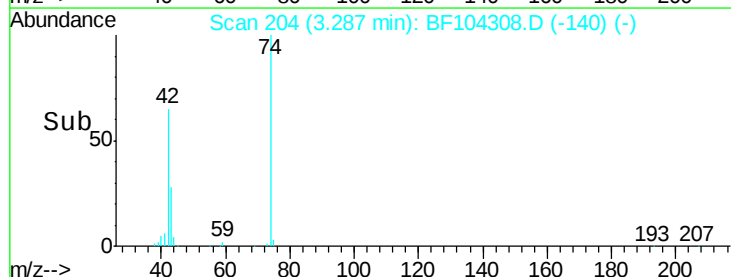
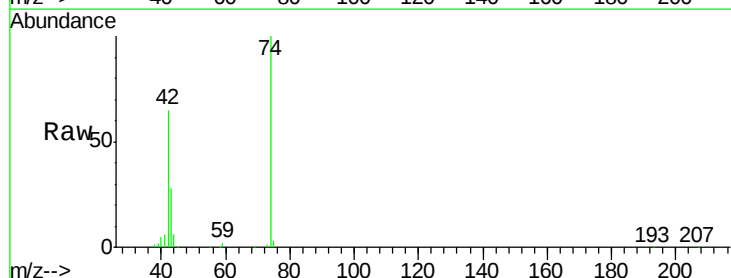
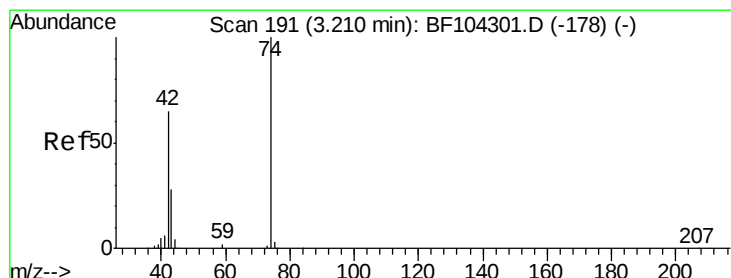
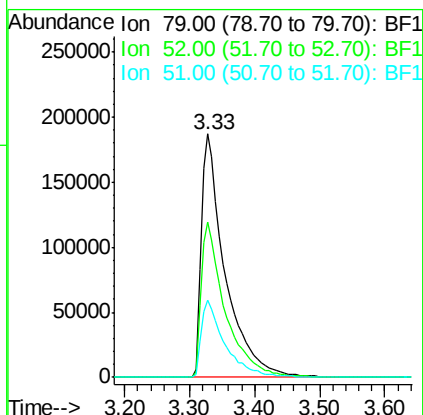
#3
 Pvridine
 Concen: 36.579 ng
 RT: 3.33 min Scan# 211
 Delta R.T. 0.08 min
 Lab File: BF104308.D
 Acq: 6 Apr 2018 16:09

Tot Ion	Ratio	Lower	Upper
79	100		
52	63.9	59.8	89.6
51	31.6	29.8	44.8

Instrument :
 BNA_F
 ClientSampleId :
 PB107966BS

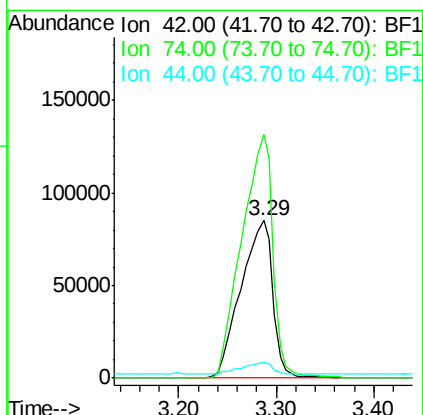
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#4
 n-Nitrosodimethylamine
 Concen: 43.540 ng
 RT: 3.29 min Scan# 204
 Delta R.T. 0.08 min
 Lab File: BF104308.D
 Acq: 6 Apr 2018 16:09

Tgt Ion	Ratio	Lower	Upper
42	100		
74	154.5	104.9	157.3
44	10.0	6.9	10.3





#5

2-Fluorophenol

Concen: 116.656 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.02 min

Lab File: BF104308.D

Acq: 6 Apr 2018 16:09

Instrument :

BNA_F

ClientSampleId :

PB107966BS

Tot Ion:112 Resp: 1144663

Ion Ratio Lower Upper

112 100

64 56.5 47.9 71.9

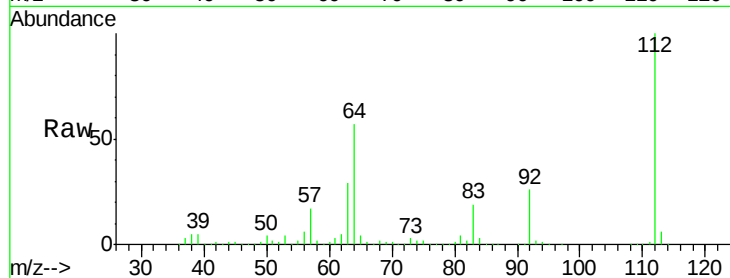
63 29.0 23.7 35.5

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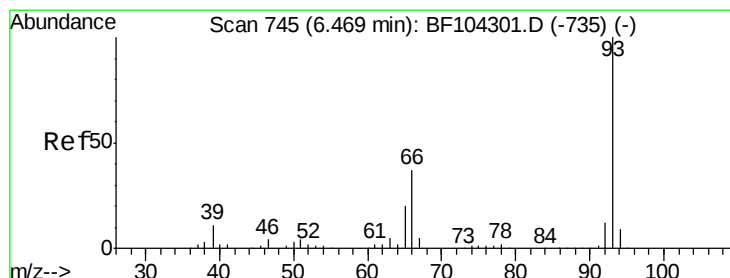
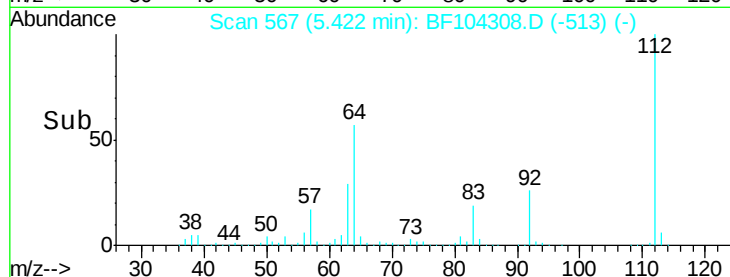
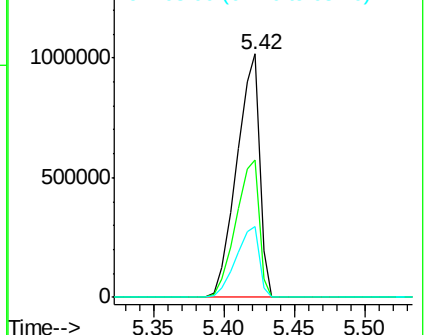
4/9/2018 11:18:20 AM



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 34.499 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF104308.D

Acq: 6 Apr 2018 16:09

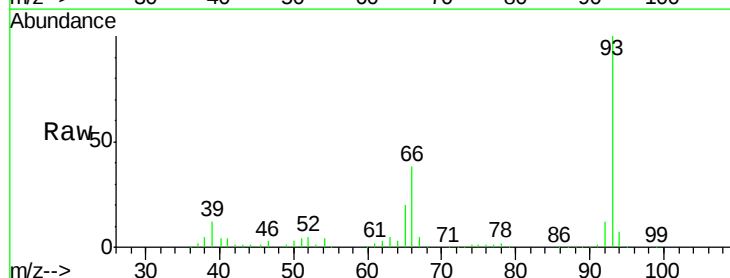
Tgt Ion: 93 Resp: 577853

Ion Ratio Lower Upper

93 100

66 38.3 32.2 48.2

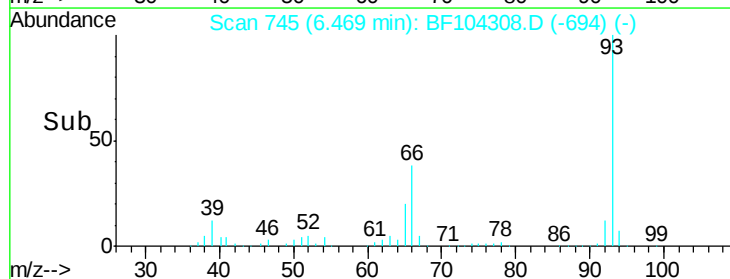
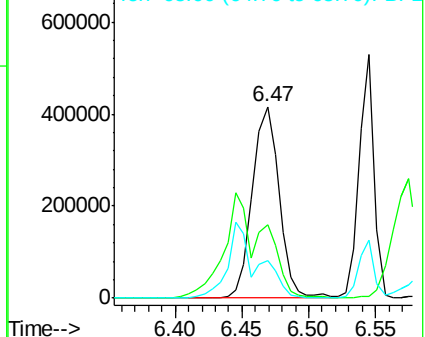
65 19.6 16.4 24.6

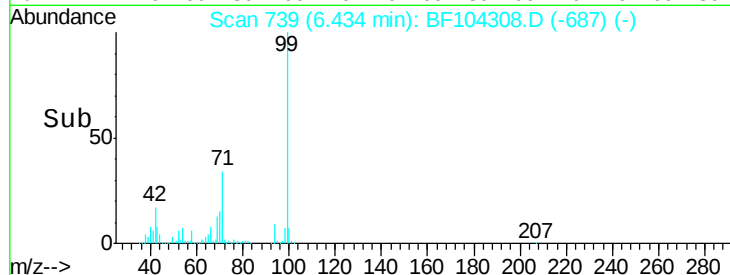
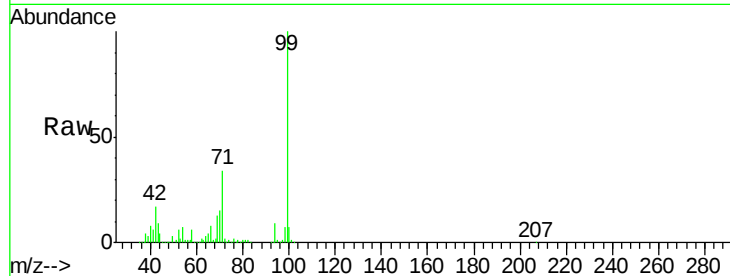


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 119.619 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF104308.D

Acq: 6 Apr 2018 16:09

Tot Ion: 99 Resp: 1442146

Ion Ratio Lower Upper

99 100

42 17.5 14.5 21.7

71 34.3 25.4 38.0

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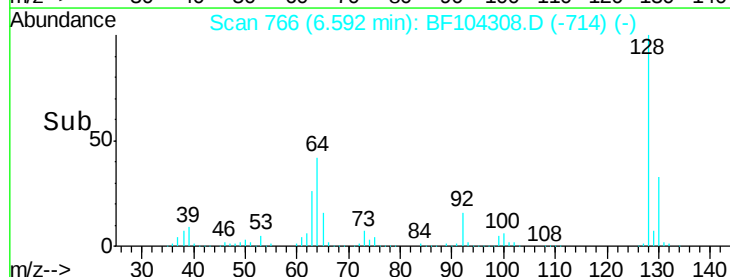
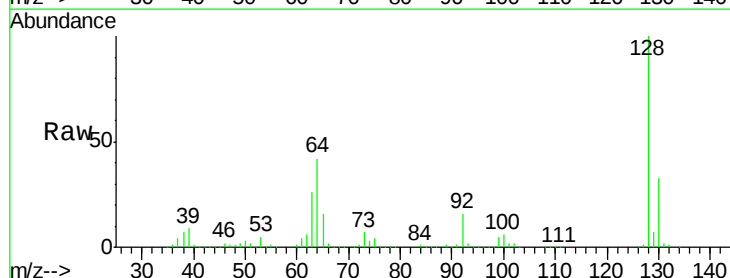
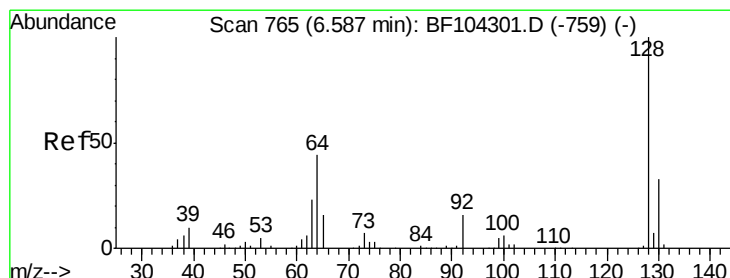
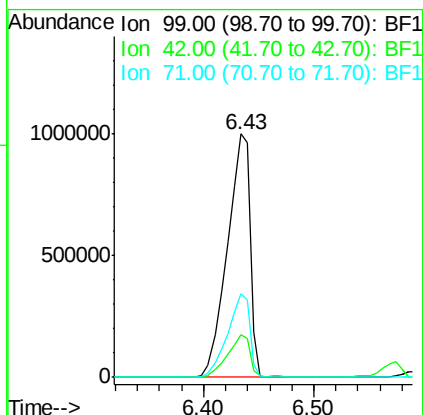
PB107966BS

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#8

2-Chlorophenol

Concen: 41.643 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF104308.D

Acq: 6 Apr 2018 16:09

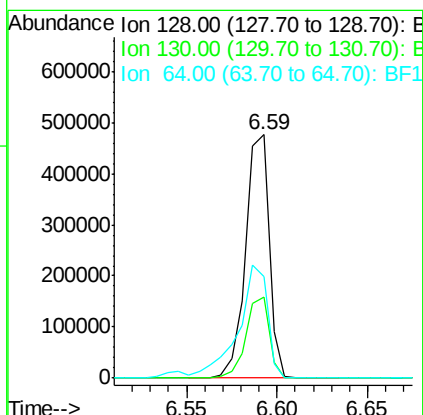
Tgt Ion:128 Resp: 431277

Ion Ratio Lower Upper

128 100

130 33.5 13.0 53.0

64 41.7 29.4 69.4





#9

Benzaldehyde

Concen: 18.675 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF104308.D

Acq: 6 Apr 2018 16:09

Instrument :

BNA_F

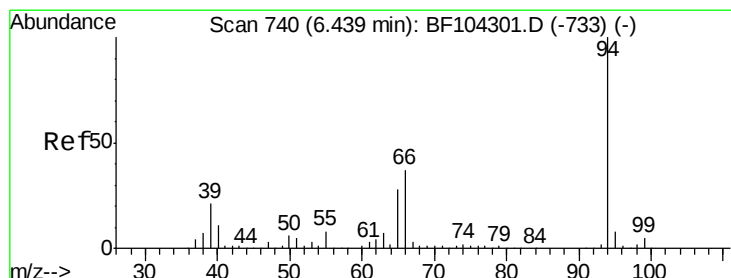
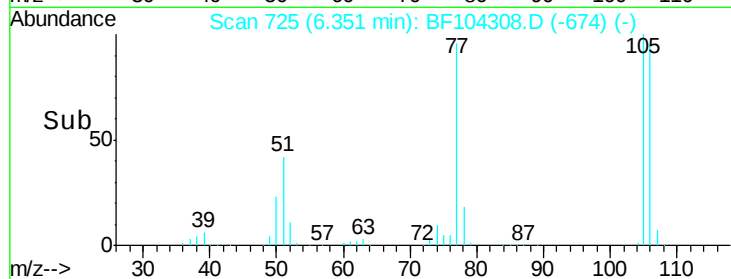
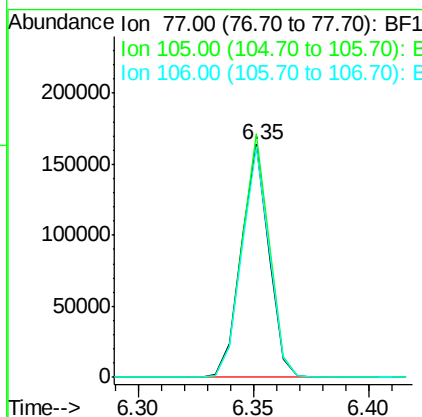
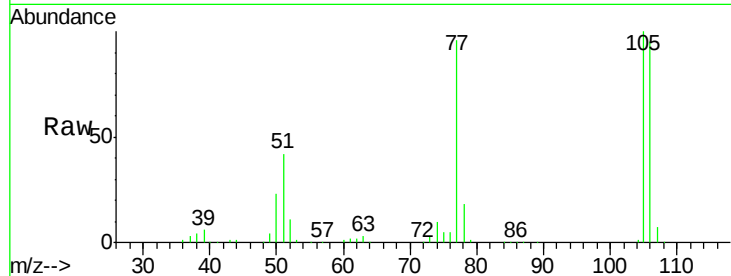
ClientSampleId :

PB107966BS

Tot Ion:	77	Resp:	137107
Ion Ratio	Lower	Upper	
77	100		
105	104.4	81.1	121.1
106	98.9	74.5	114.5

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#10

Phenol

Concen: 43.375 ng

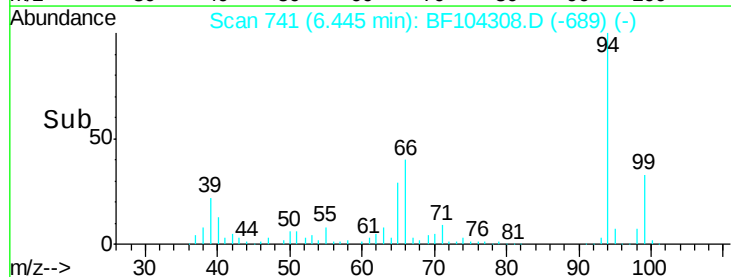
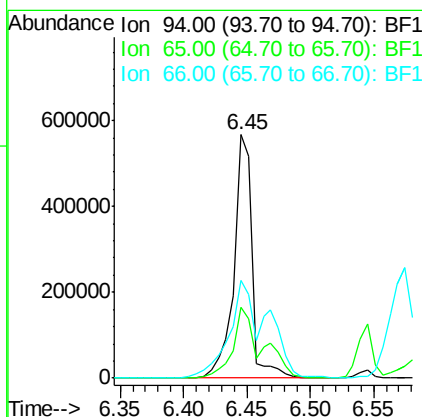
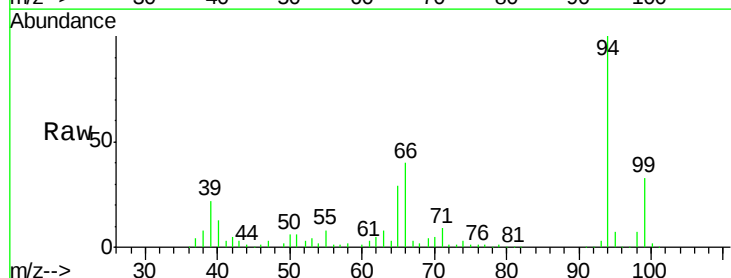
RT: 6.45 min Scan# 741

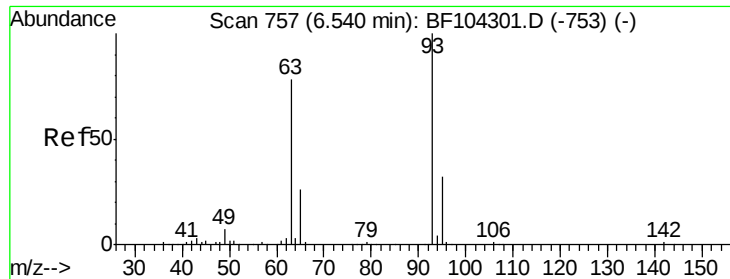
Delta R.T. 0.01 min

Lab File: BF104308.D

Acq: 6 Apr 2018 16:09

Tgt Ion:	94	Resp:	554852
Ion Ratio	Lower	Upper	
94	100		
65	29.0	7.9	47.9
66	40.2	16.2	56.2





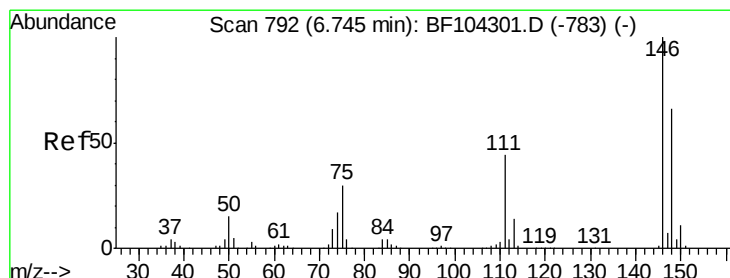
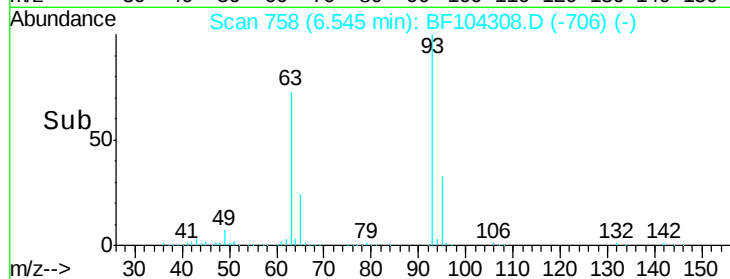
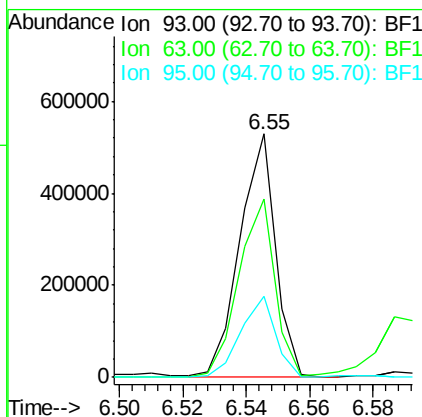
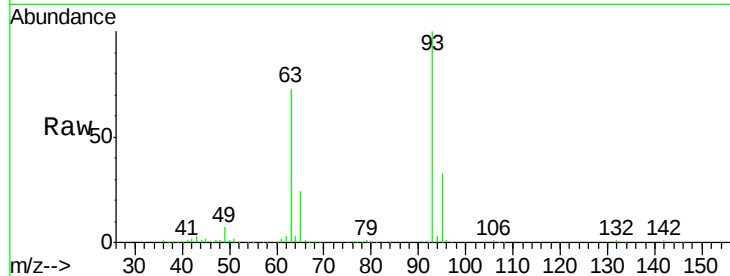
#11
bis(2-Chloroethyl)ether
Concen: 40.086 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.01 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Instrument :
BNA_F
ClientSampleId :
PB107966BS

Tot Ion:	93	Resp:	409202
Ion Ratio	Lower	Upper	
93	100		
63	73.1	58.6	98.6
95	33.1	11.8	51.8

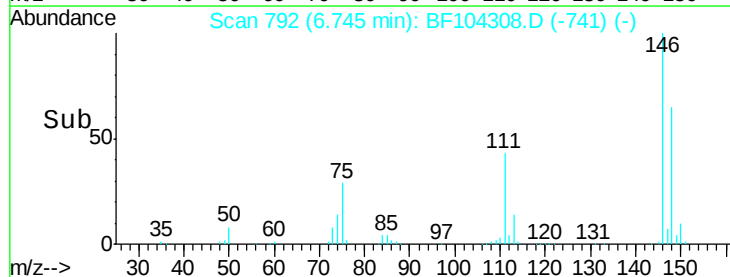
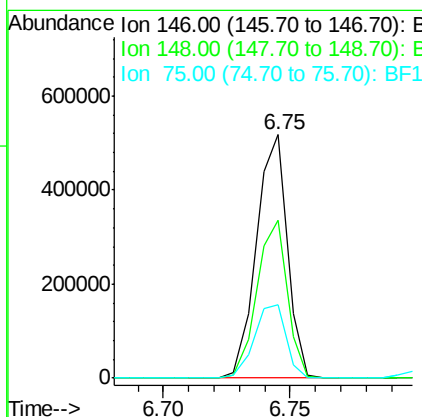
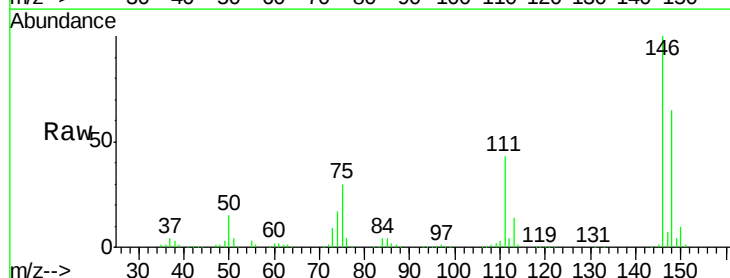
Manual Integrations
APPROVED

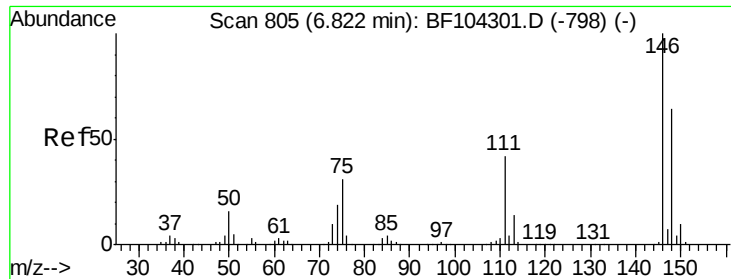
Sohil
4/9/2018 11:18:20 AM



#12
1,3-Dichlorobenzene
Concen: 37.617 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Tgt Ion:	146	Resp:	441352
Ion Ratio	Lower	Upper	
146	100		
148	65.0	51.8	77.8
75	29.9	24.2	36.4





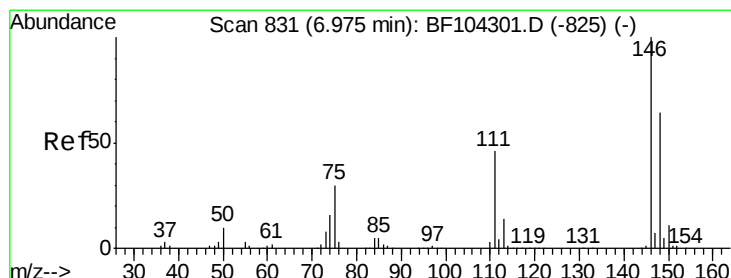
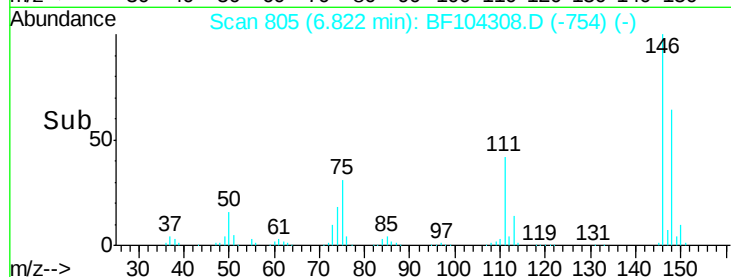
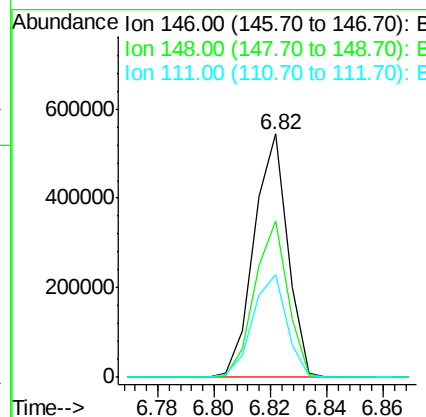
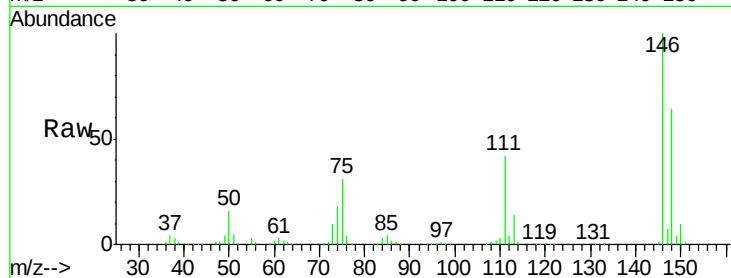
#13
 1,4-Dichlorobenzene
 Concen: 38.298 ng
 RT: 6.82 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF104308.D
 Acq: 6 Apr 2018 16:09

Instrument :
 BNA_F
 ClientSampleId :
 PB107966BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.8	76.2
111	42.0	34.2	51.2

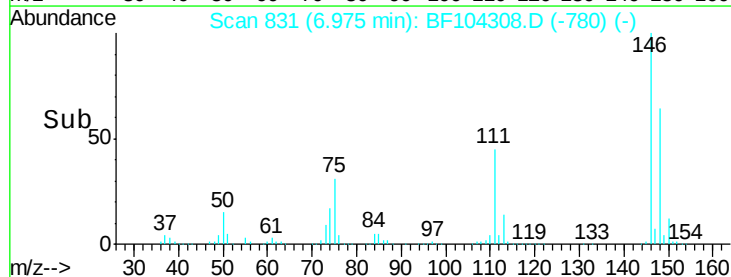
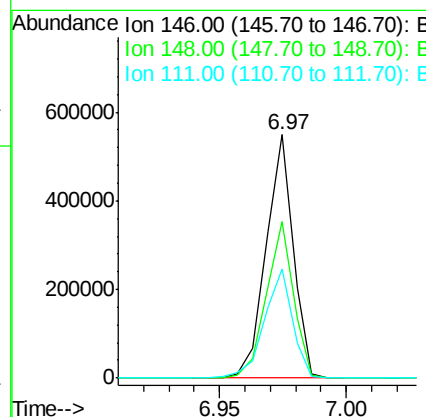
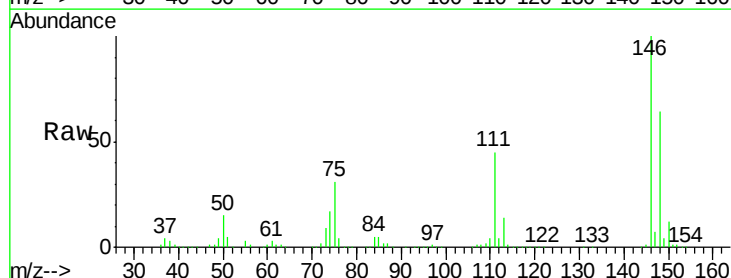
Manual Integrations
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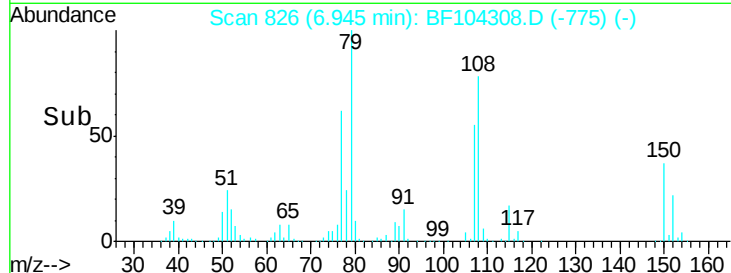
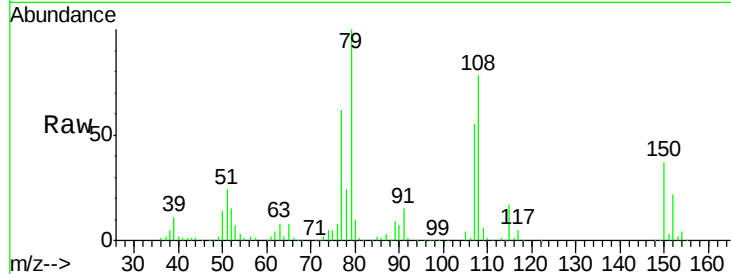
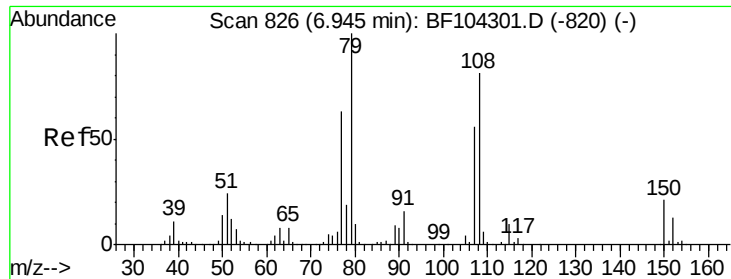
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 38.105 ng
 RT: 6.97 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF104308.D
 Acq: 6 Apr 2018 16:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.6	75.8
111	44.8	36.0	54.0





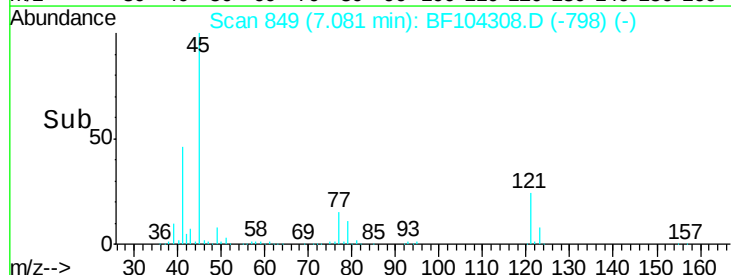
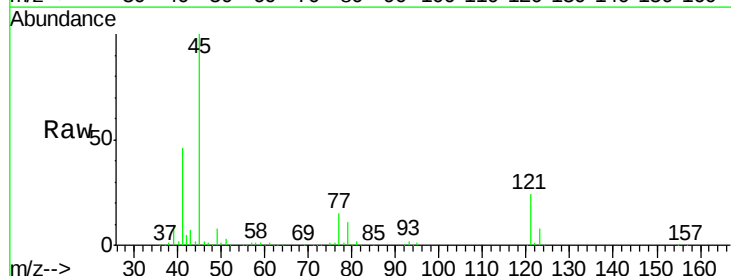
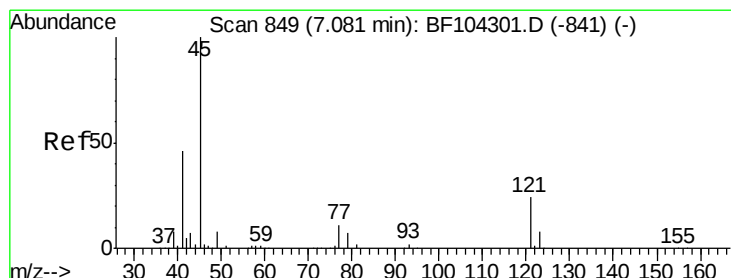
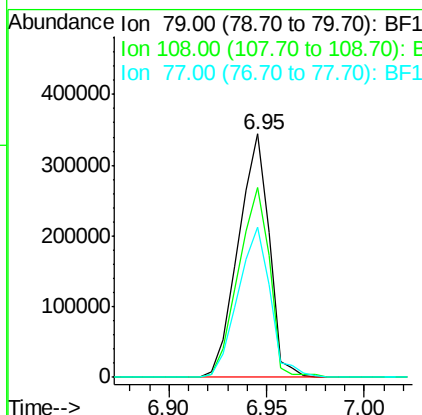
#15
Benzyl Alcohol
Concen: 41.241 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
108	77.8	65.1	97.7		
77	61.6	50.6	75.8		

Instrument :
BNA_F
ClientSampleId :
PB107966BS

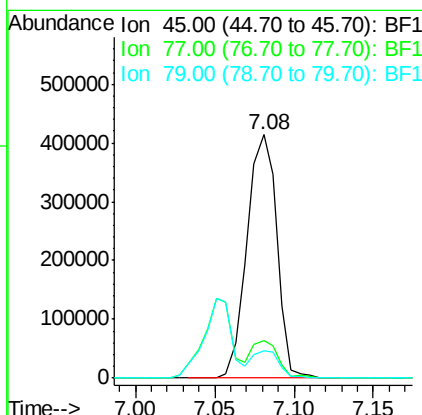
Manual Integrations
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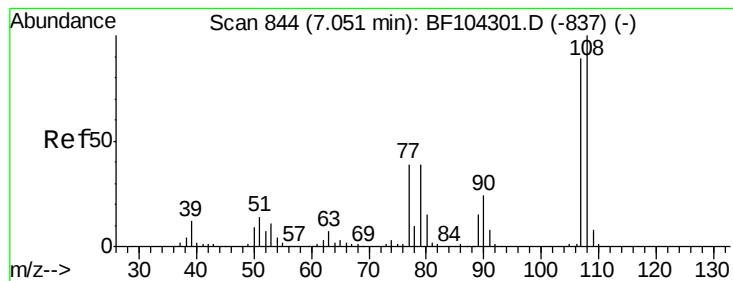
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.572 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
45	100				
77	15.4	0.0	32.9		
79	11.4	0.0	29.6		





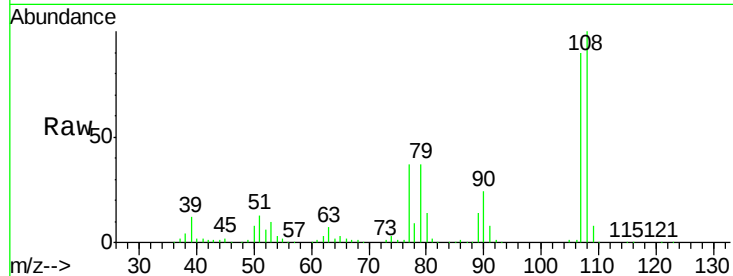
#17
2-Methylphenol
Concen: 41.325 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.01 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Instrument :
BNA_F
ClientSampleID :
PB107966BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.4	91.7	137.5
77	41.3	33.8	50.8
79	41.6	33.8	50.8

Manual Integrations
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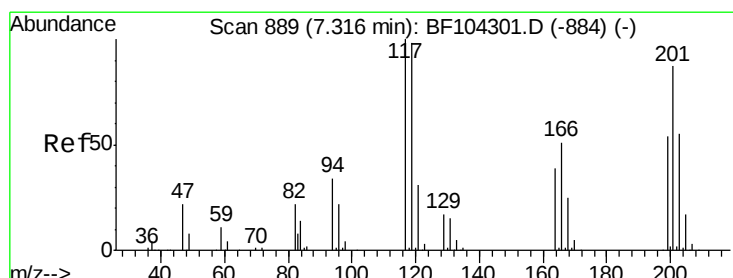
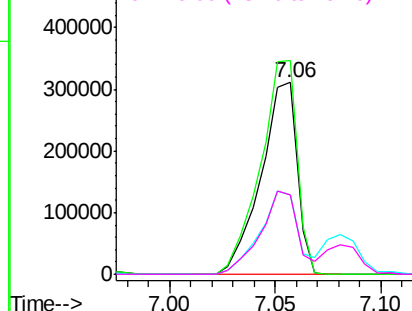
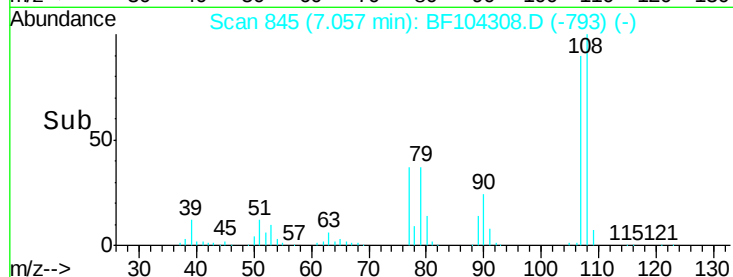
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

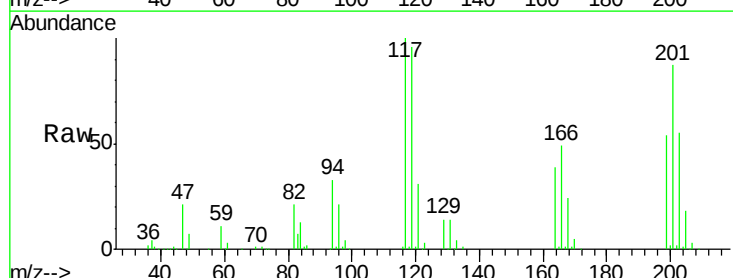
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 39.505 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.8	113.8
201	87.1	75.7	113.5

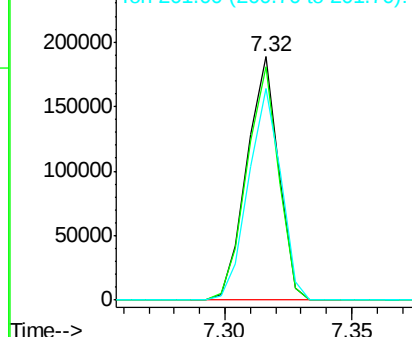
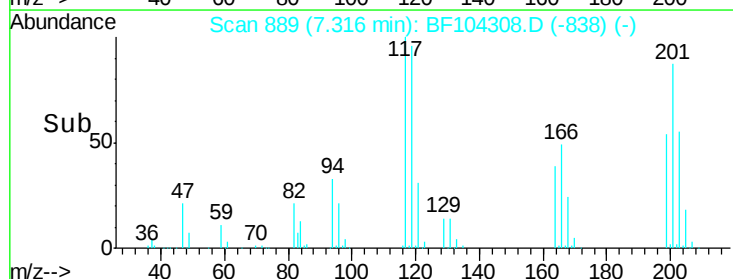


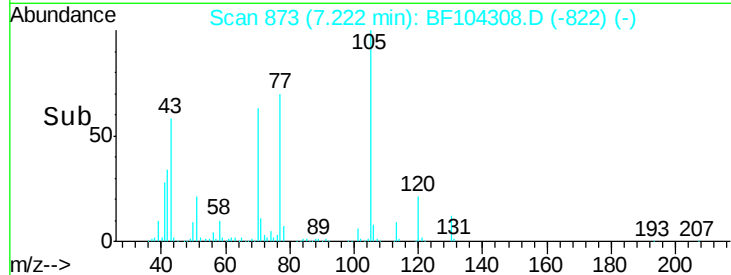
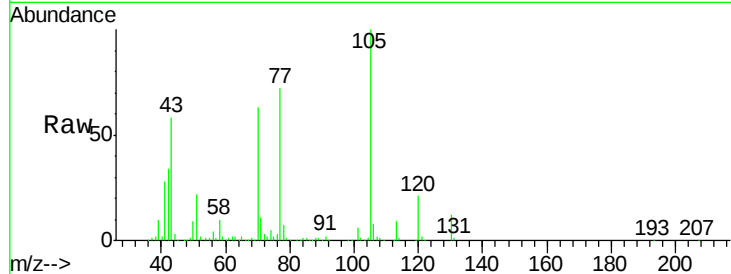
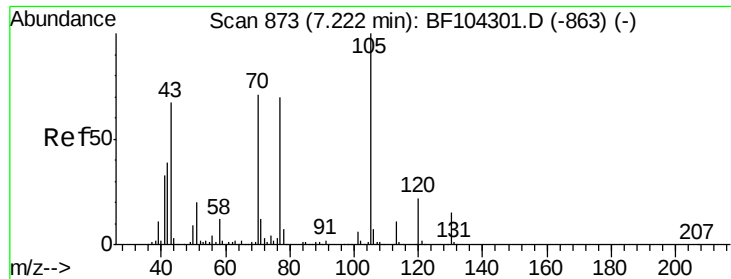
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





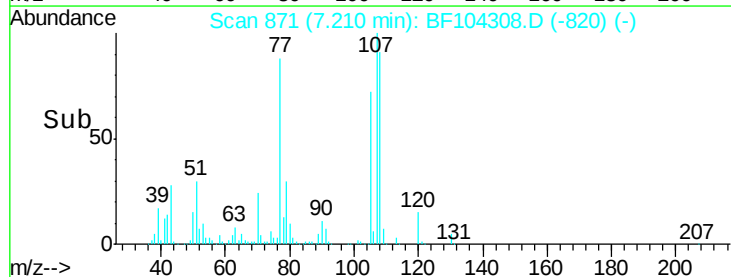
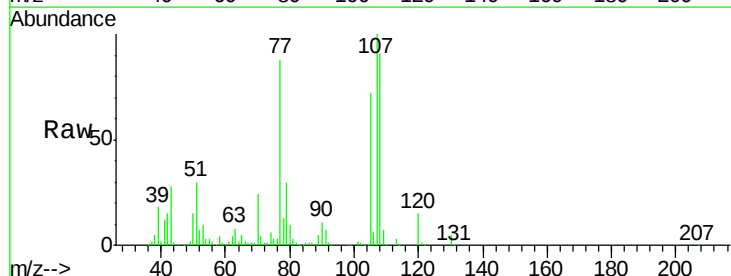
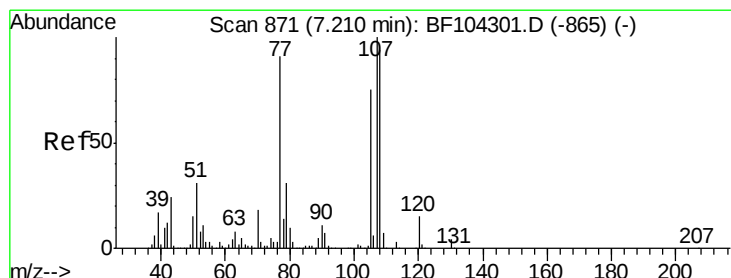
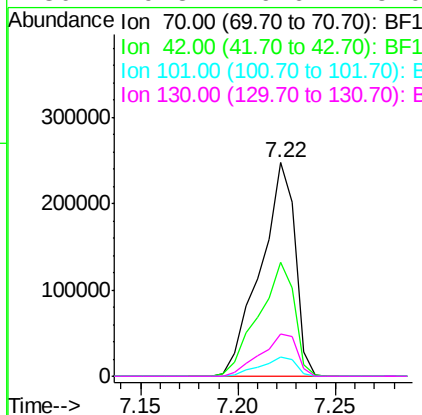
#19
n-Nitroso-di-n-propylamine
Concen: 38.614 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Instrument :
BNA_F
ClientSampleId :
PB107966BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.6	47.5	71.3	
101	9.3	7.4	11.2	
130	19.8	16.6	25.0	

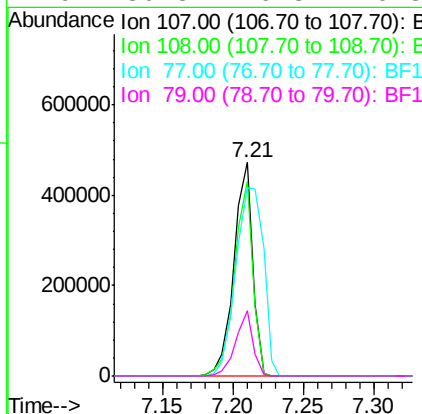
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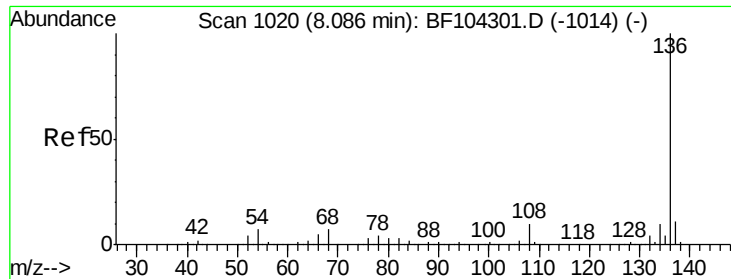
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#20
3+4-Methylphenols
Concen: 39.247 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.0	68.2	108.2	
77	88.2	26.7	66.7#	
79	30.3	6.3	46.3	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BF104308.D

Acq: 6 Apr 2018 16:09

Instrument :

BNA_F

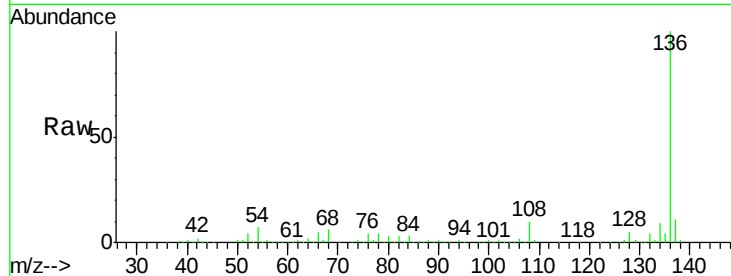
ClientSampled :

PB107966BS

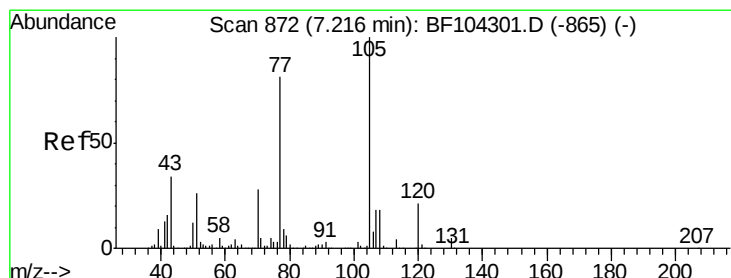
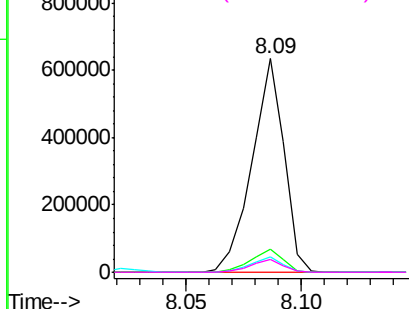
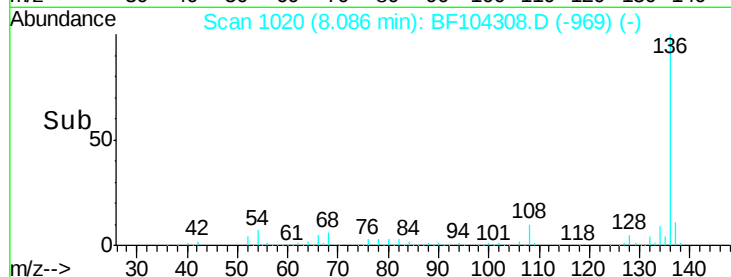
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		614320		
137	11.0		8.9	13.3	
54	7.3		6.6	9.8	
68	6.2		5.0	7.4	

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Abundance Ion 136.00 (135.70 to 136.70): E
1000000
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: 38.584 ng

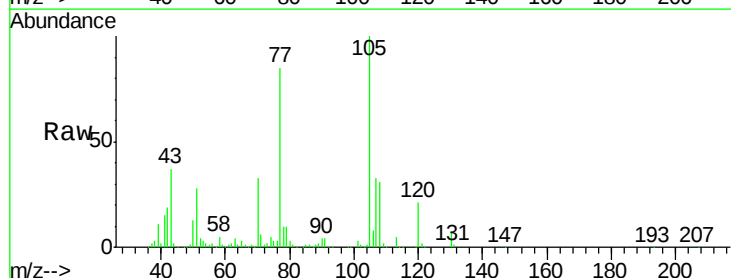
RT: 7.22 min Scan# 872

Delta R.T. 0.00 min

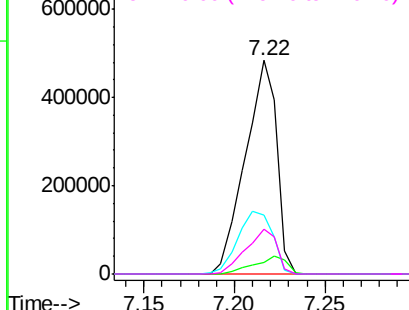
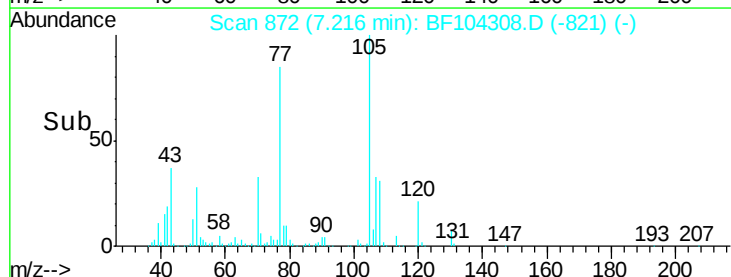
Lab File: BF104308.D

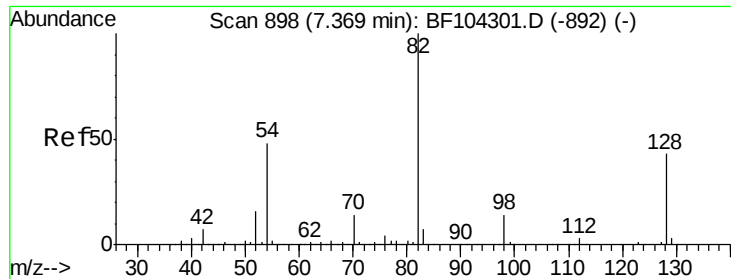
Acq: 6 Apr 2018 16:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		583555		
71	5.5		4.4	6.6	
51	27.7		22.3	33.5	
120	21.1		16.9	25.3	



Abundance Ion 105.00 (104.70 to 105.70): E
600000
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





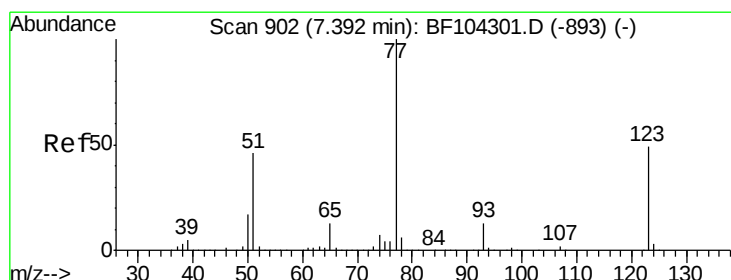
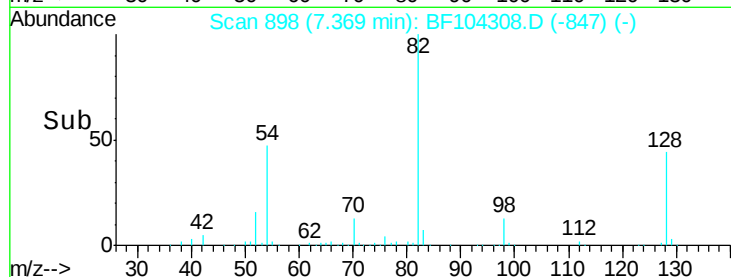
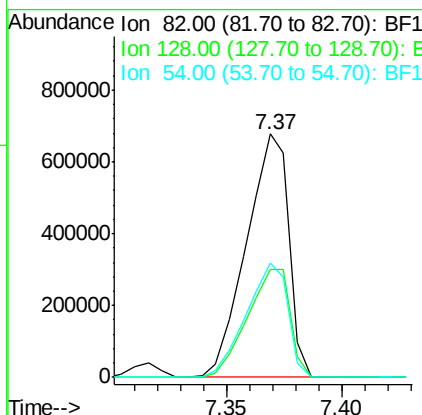
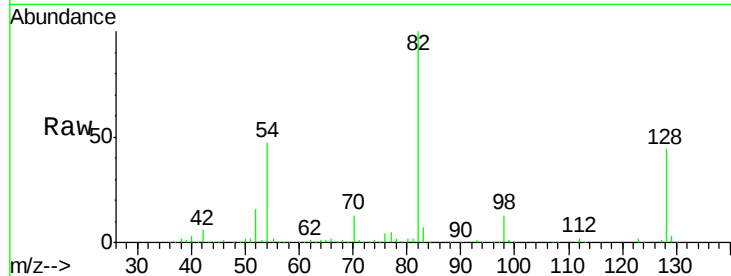
#23
Nitrobenzene-d5
Concen: 91.938 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Instrument :
BNA_F
ClientSampleId :
PB107966BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.3	36.1	54.1
54	47.2	41.4	62.2

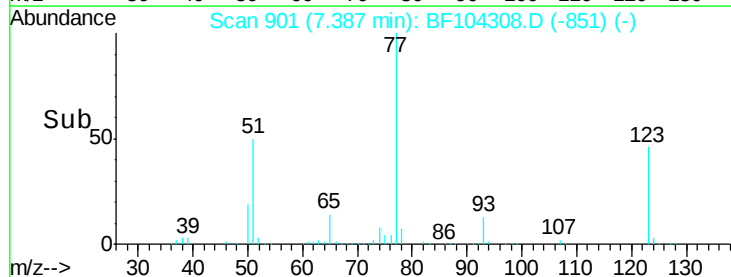
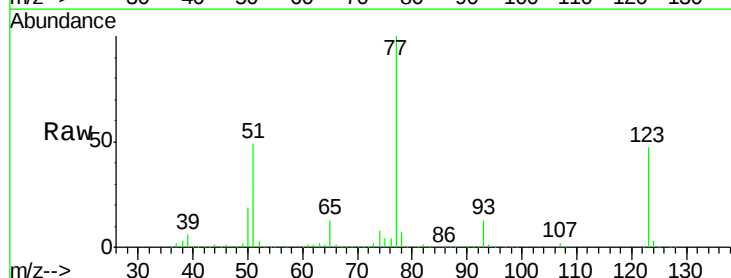
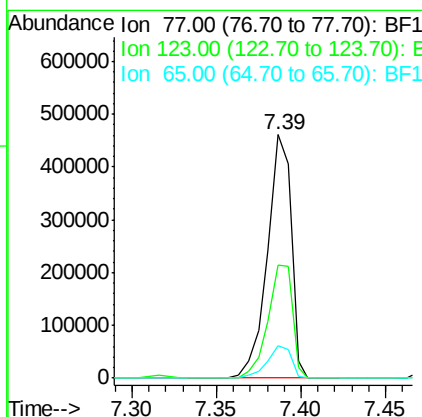
Manual Integrations
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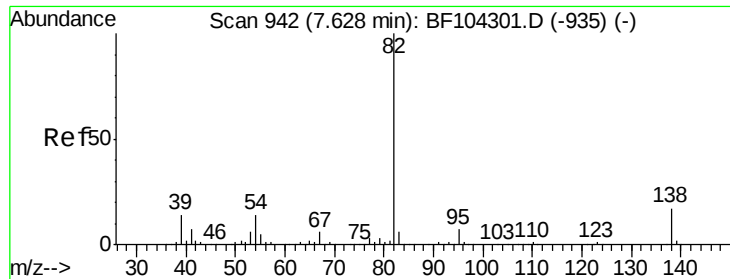
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#24
Nitrobenzene
Concen: 43.264 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.6	37.9	56.9
65	13.3	11.0	16.4





#25

Isophorone

Concen: 43.038 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF104308.D

Acq: 6 Apr 2018 16:09

Instrument :

BNA_F

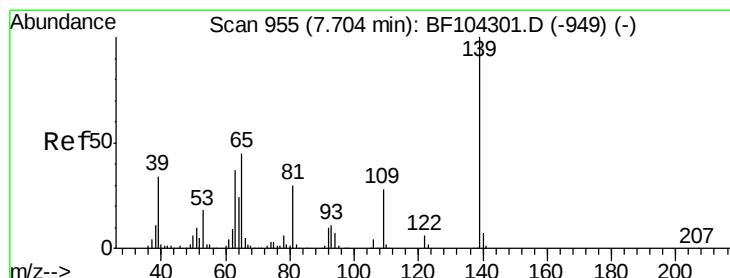
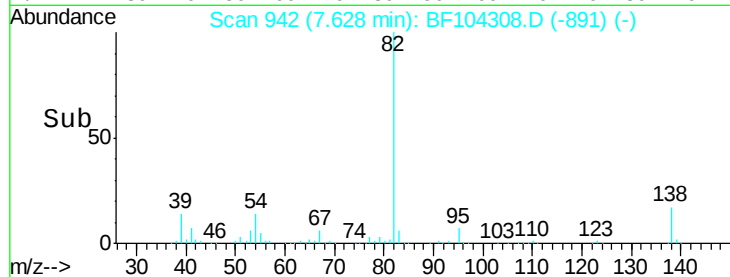
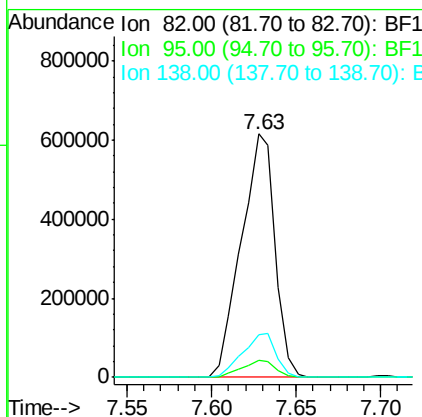
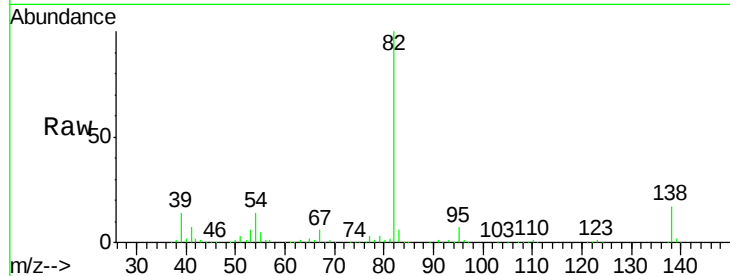
ClientSampleId :

PB107966BS

Tot Ion:	82	Resp:	856222
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.2	7.8
138	17.4	14.9	22.3

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#26

2-Nitrophenol

Concen: 51.565 ng

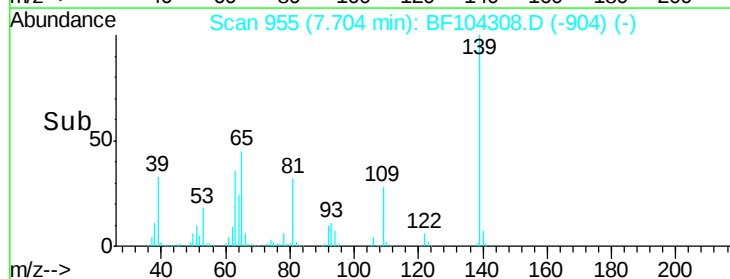
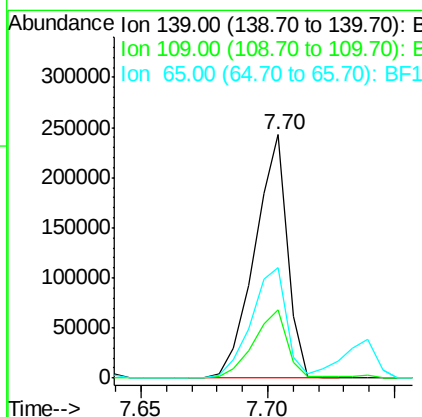
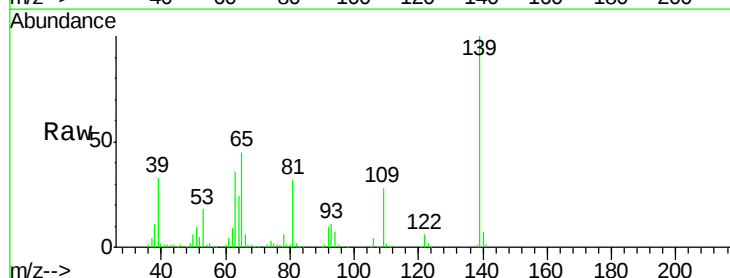
RT: 7.70 min Scan# 955

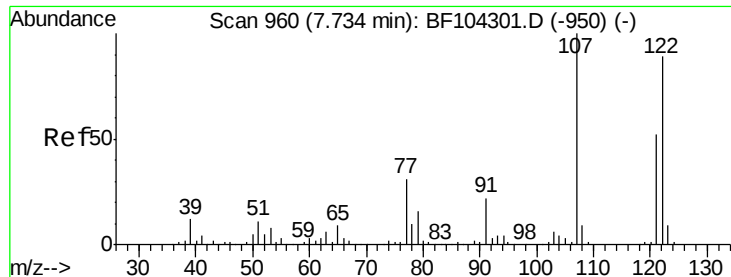
Delta R.T. 0.00 min

Lab File: BF104308.D

Acq: 6 Apr 2018 16:09

Tgt Ion:	139	Resp:	218045
Ion Ratio	Lower	Upper	
139	100		
109	28.1	22.7	34.1
65	45.2	40.5	60.7





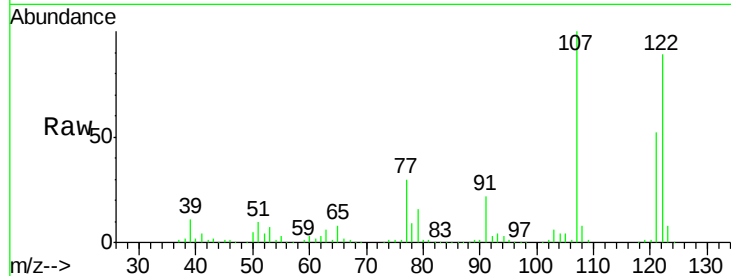
#27
2,4-Dimethylphenol
Concen: 48.274 ng
RT: 7.74 min Scan# 961
Delta R.T. 0.01 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Instrument :
BNA_F
ClientSampleId :
PB107966BS

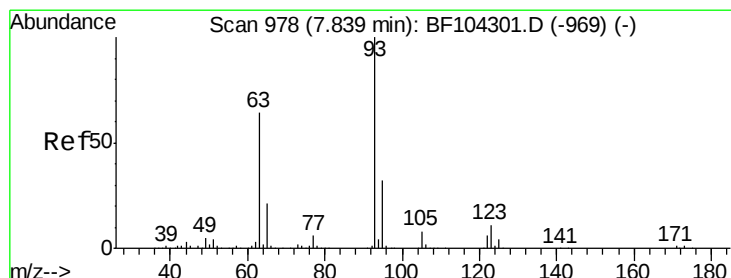
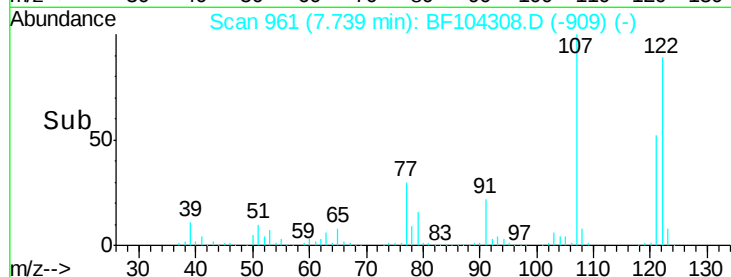
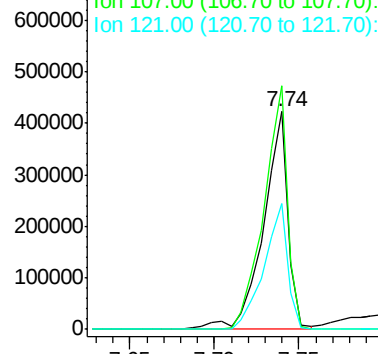
Tot Ion	Ratio	Lower	Upper
122	100		
107	111.8	91.2	136.8
121	57.9	47.2	70.8

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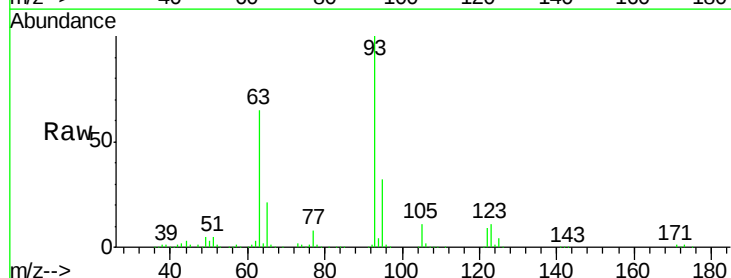


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

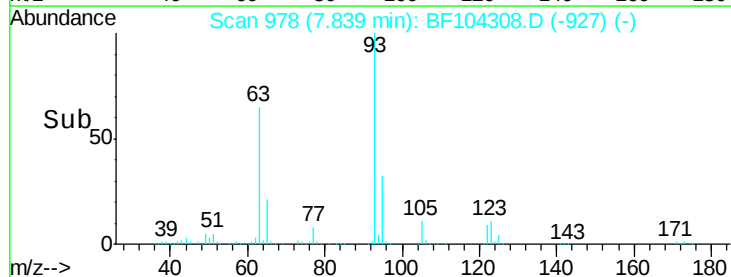
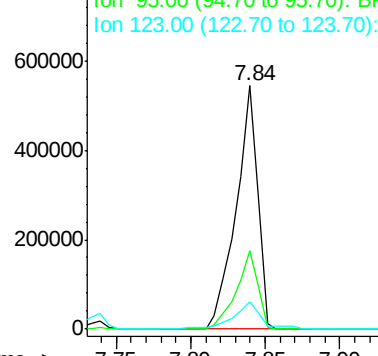


#28
bis(2-Chloroethoxy)methane
Concen: 44.379 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.3	39.5
123	11.3	9.8	14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 43.993 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.00 min

Lab File: BF104308.D

Acq: 6 Apr 2018 16:09

Instrument :

BNA_F

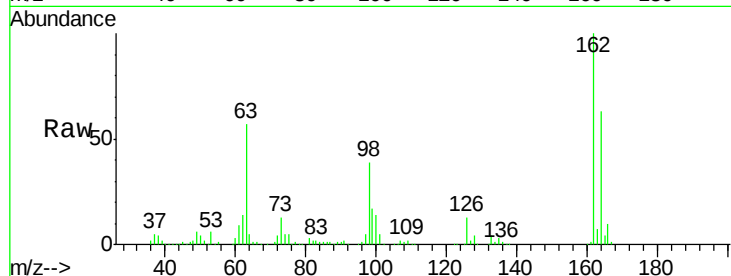
ClientSampleId :

PB107966BS

Tot Ion:	162	Resp:	368547
Ion Ratio		Lower	Upper
162	100		
164	63.3	42.7	82.7
98	39.3	18.1	58.1

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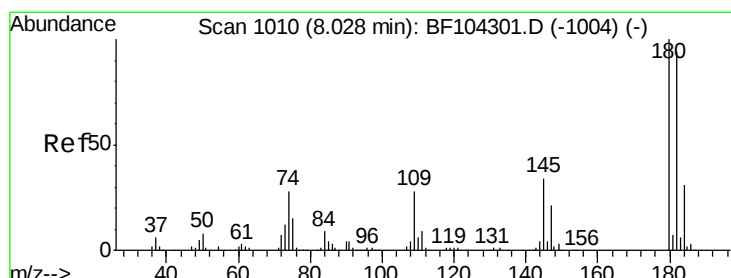
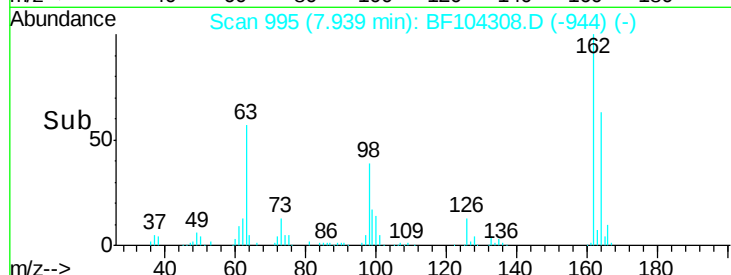
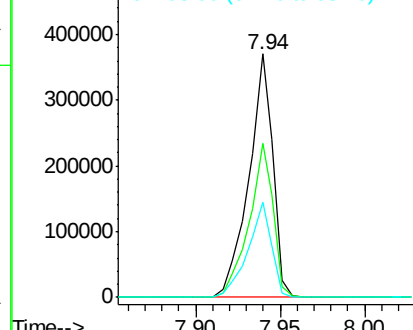


Abundance

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: 38.731 ng

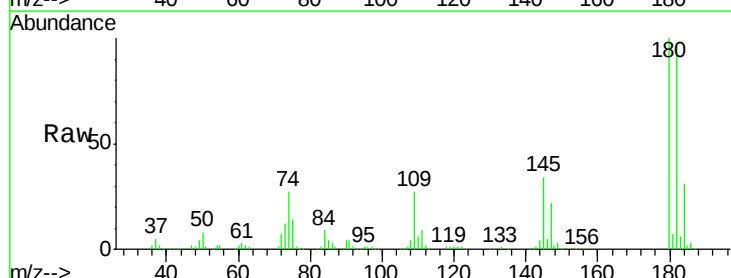
RT: 8.03 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BF104308.D

Acq: 6 Apr 2018 16:09

Tgt Ion:	180	Resp:	356092
Ion Ratio		Lower	Upper
180	100		
182	96.5	76.8	115.2
145	33.7	26.5	39.7

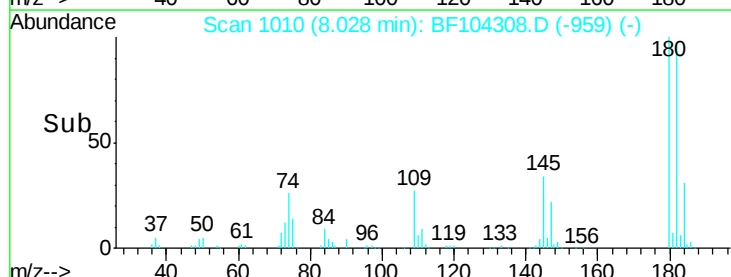
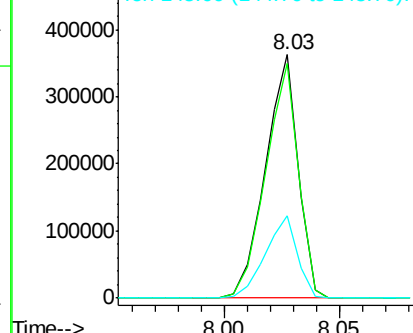


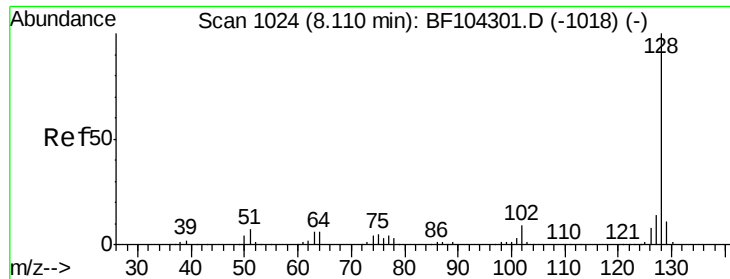
Abundance

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





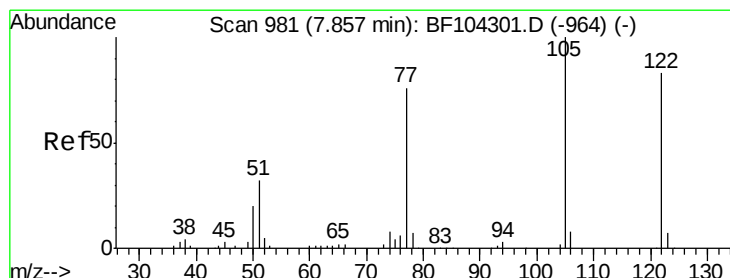
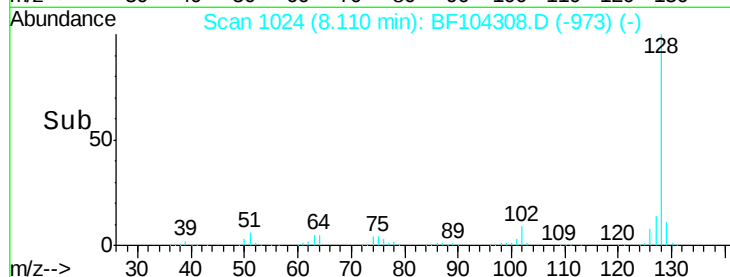
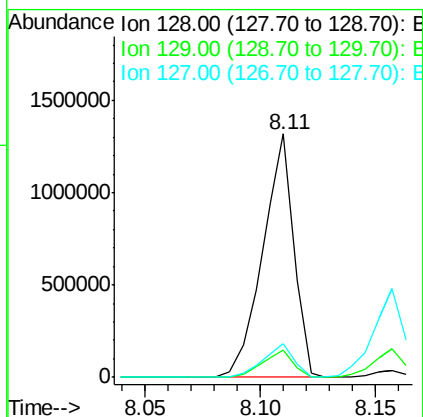
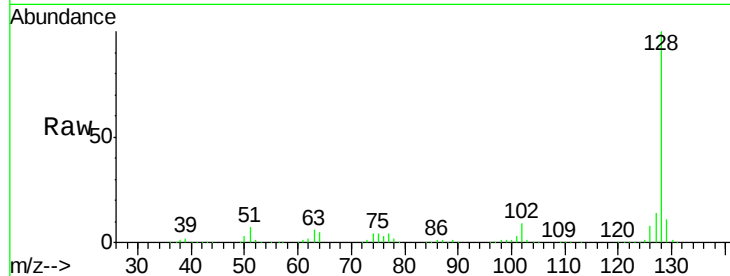
#31
Naphthalene
Concen: 40.363 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Instrument :
BNA_F
ClientSampleId :
PB107966BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	13.8	10.9	16.3

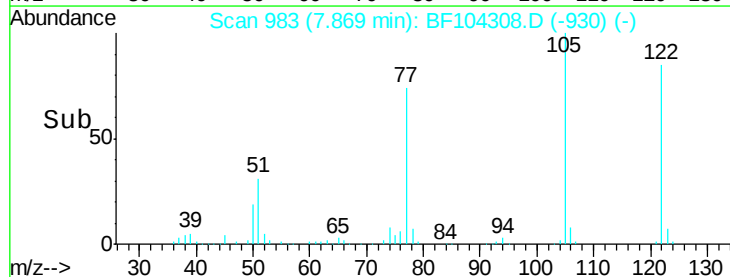
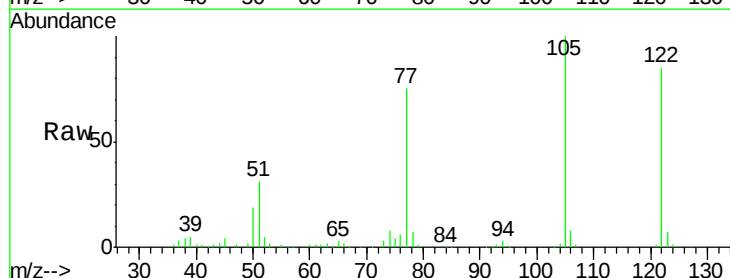
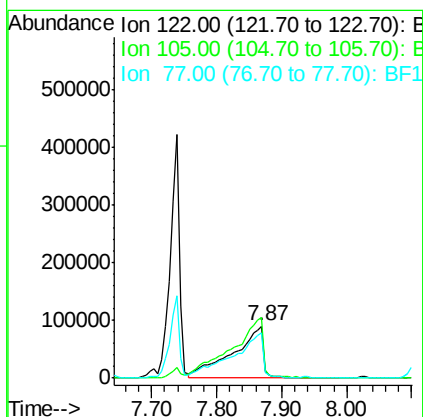
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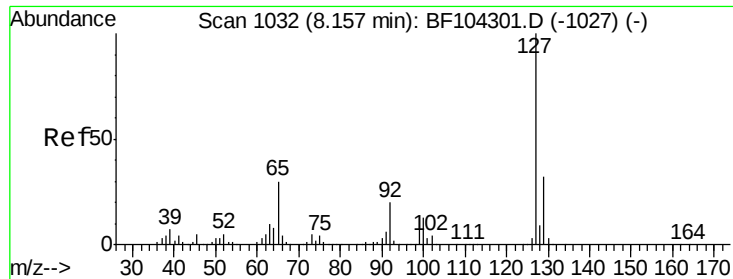
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#32
Benzoic acid
Concen: 41.799 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.01 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.4	101.1	141.1
77	87.9	70.7	110.7





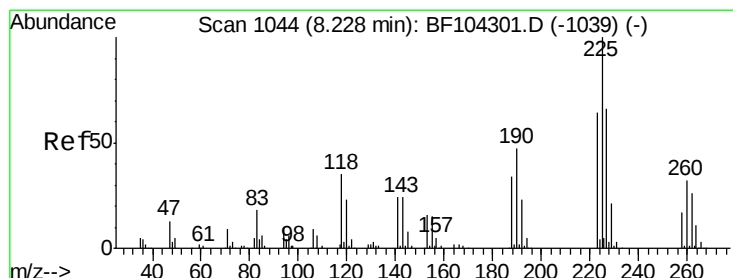
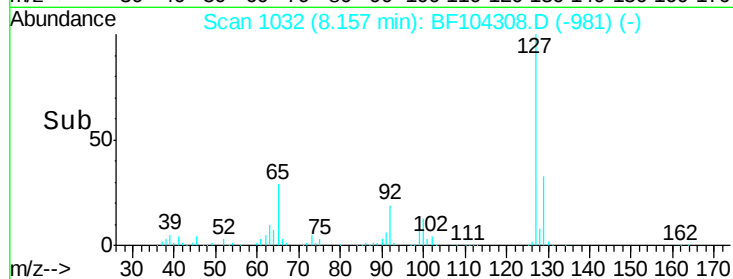
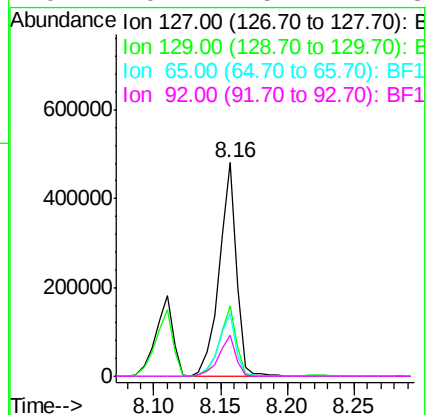
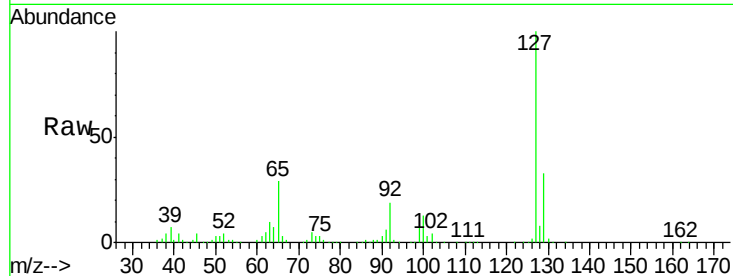
#33
4-Chloroaniline
Concen: 33.364 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Instrument :
BNA_F
ClientSampleId :
PB107966BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		437241		
129	32.9	25.9	38.9		
65	29.3	25.0	37.4		
92	19.1	15.2	22.8		

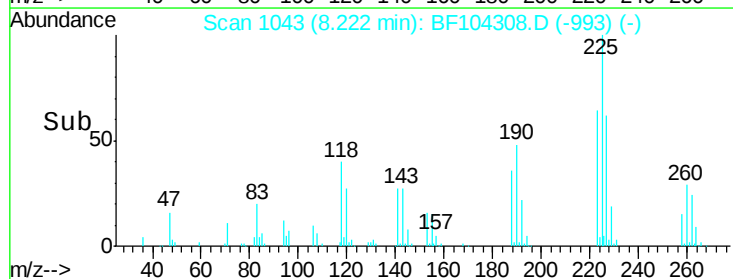
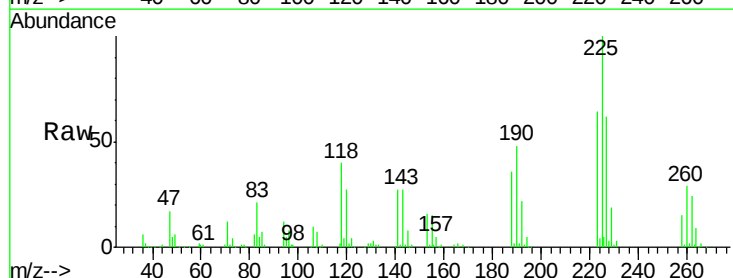
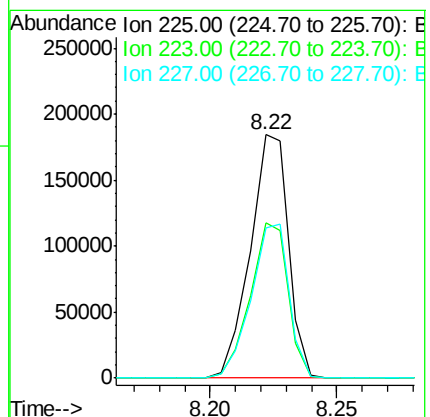
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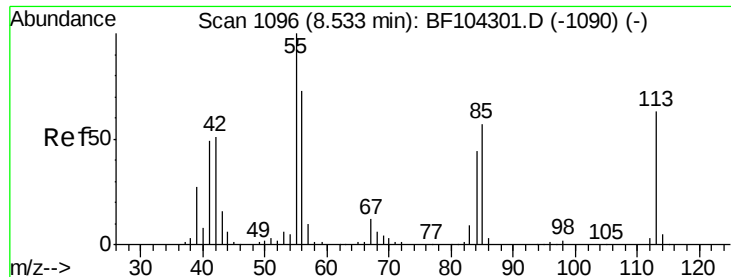
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#34
Hexachlorobutadiene
Concen: 38.406 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		193408		
223	63.6	50.6	76.0		
227	61.6	51.9	77.9		





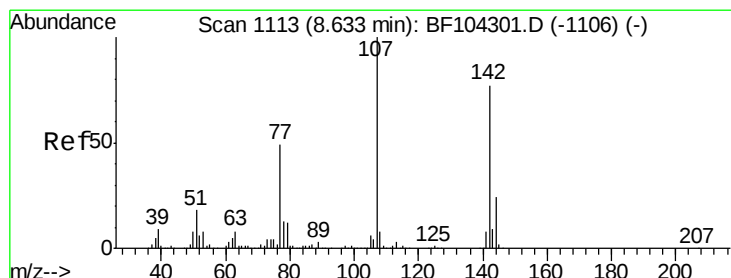
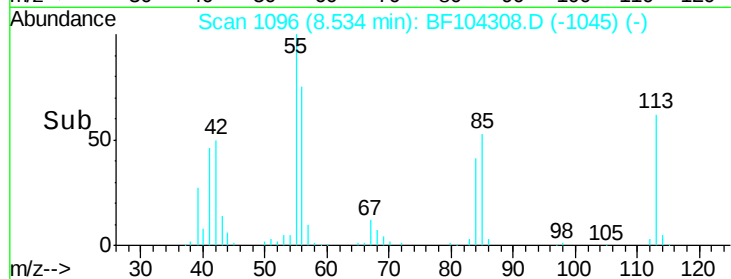
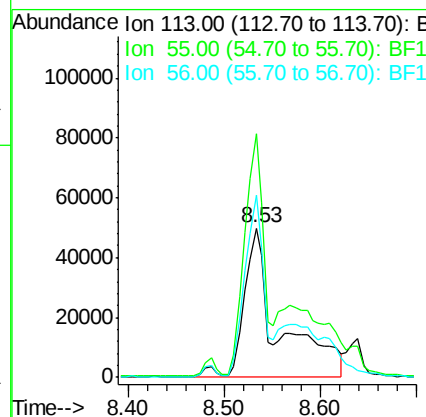
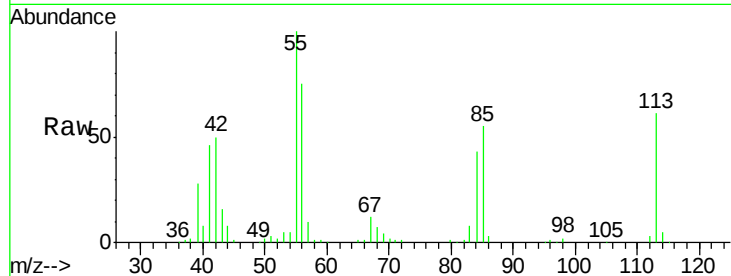
#35
 Caprolactam
 Concen: 43.102 ng/ml
 RT: 8.53 min Scan# 1096
 Delta R.T. 0.00 min
 Lab File: BF104308.D
 Acq: 6 Apr 2018 16:09

Instrument :
 BNA_F
 ClientSampleID :
 PB107966BS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	163.1	163.3	203.3	#
56	121.8	115.7	155.7	

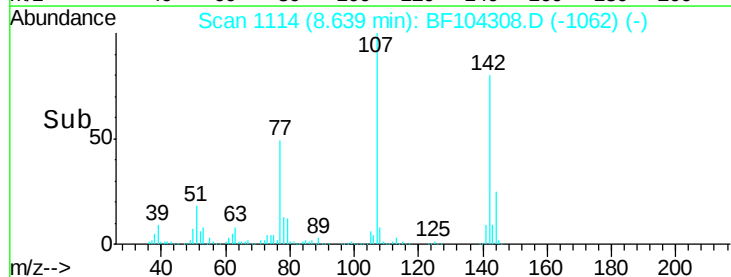
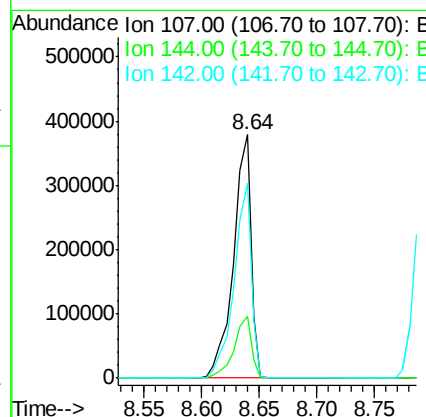
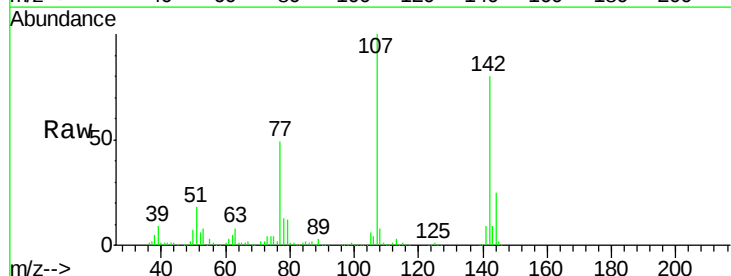
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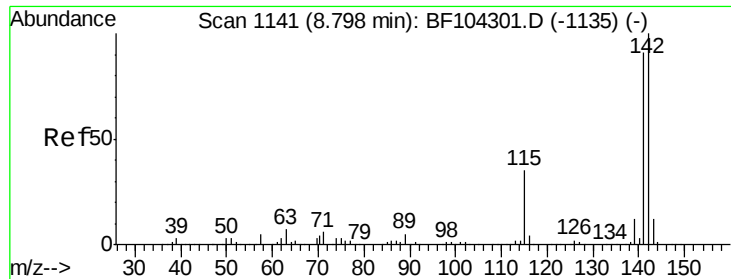
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#36
 4-Chloro-3-methylphenol
 Concen: 44.619 ng/ml
 RT: 8.64 min Scan# 1114
 Delta R.T. 0.01 min
 Lab File: BF104308.D
 Acq: 6 Apr 2018 16:09

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	25.4	20.5	30.7	
142	79.9	62.0	93.0	





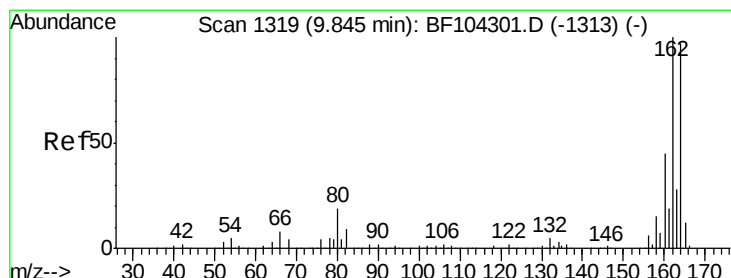
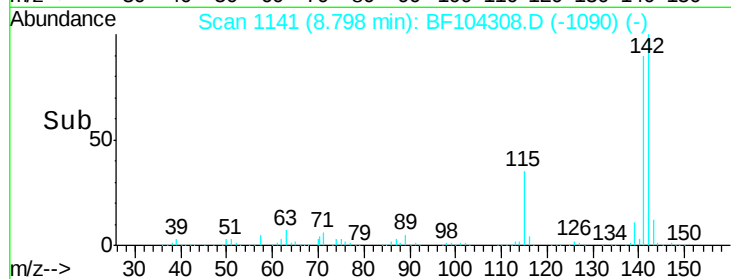
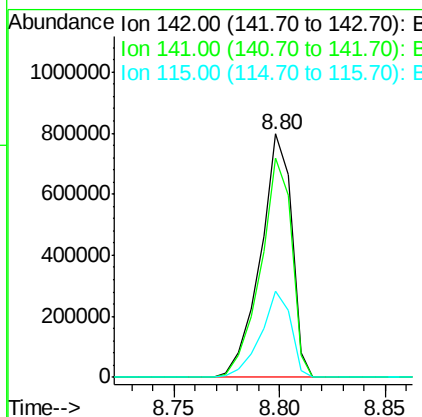
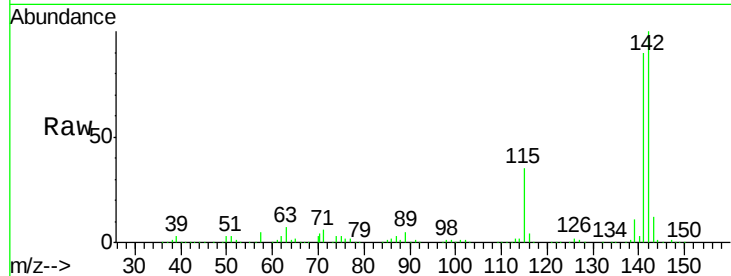
#37
2-Methylnaphthalene
Concen: 41.482 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Instrument :
BNA_F
ClientSampleID :
PB107966BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.8	106.2
115	35.4	26.1	39.1

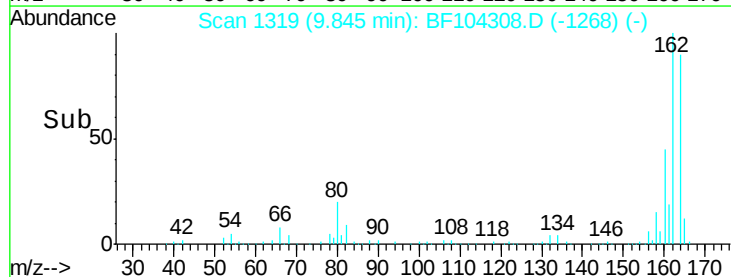
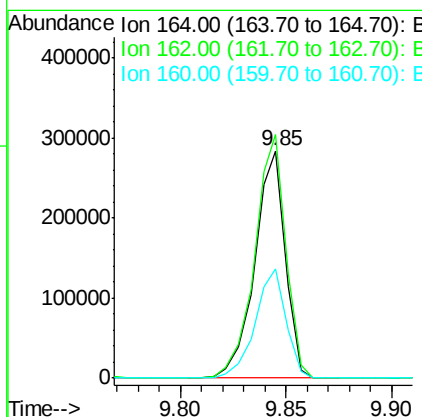
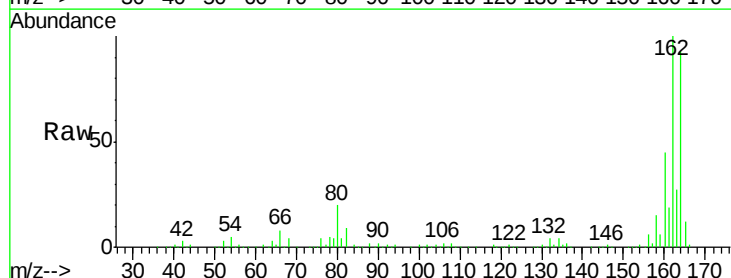
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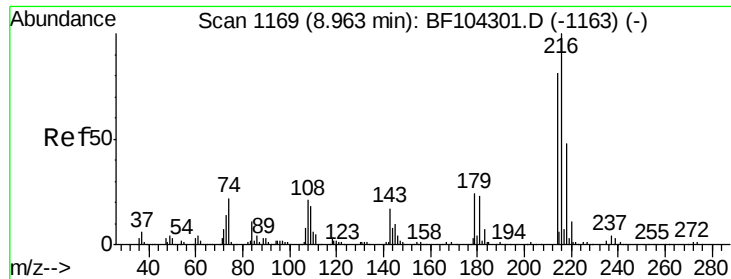
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.1	86.1	129.1
160	47.8	38.3	57.5





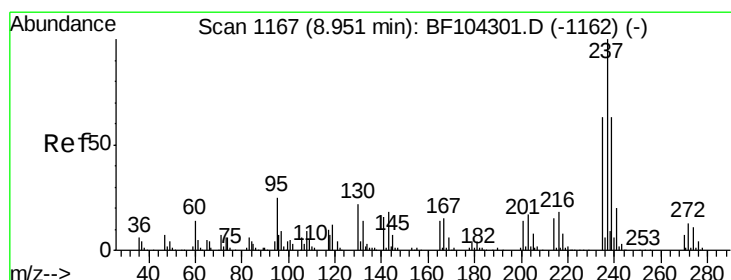
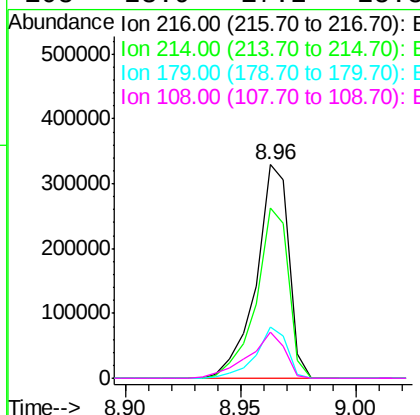
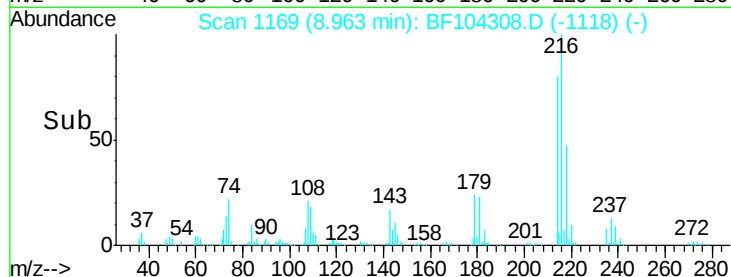
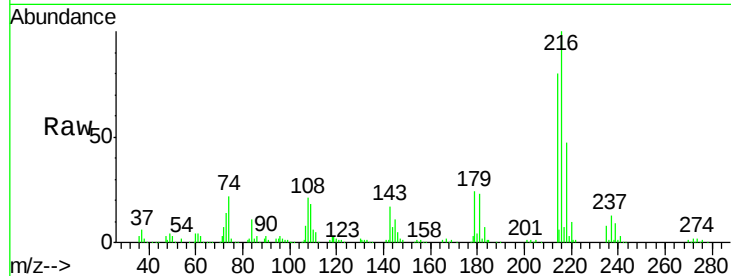
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.715 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. 0.00 min
 Lab File: BF104308.D
 Acq: 6 Apr 2018 16:09

Instrument :
 BNA_F
 ClientSampleID :
 PB107966BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		325043		
214	78.8	63.0	94.4		
179	23.0	18.1	27.1		
108	23.9	17.2	25.8		

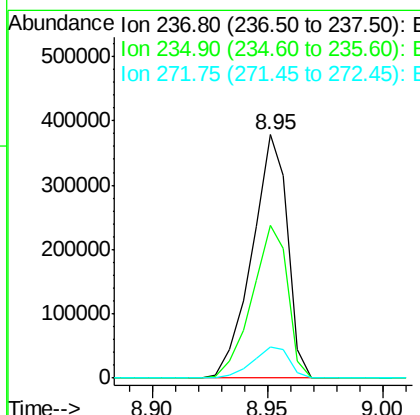
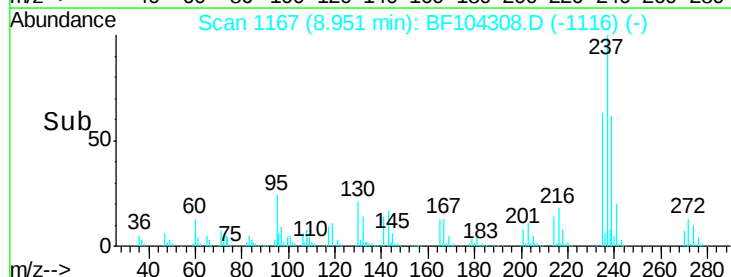
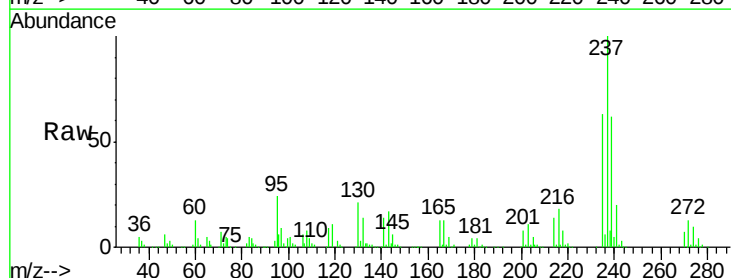
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#40
 Hexachlorocyclopentadiene
 Concen: 88.110 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF104308.D
 Acq: 6 Apr 2018 16:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		403717		
235	62.5	44.8	84.8		
272	12.8	0.0	33.3		





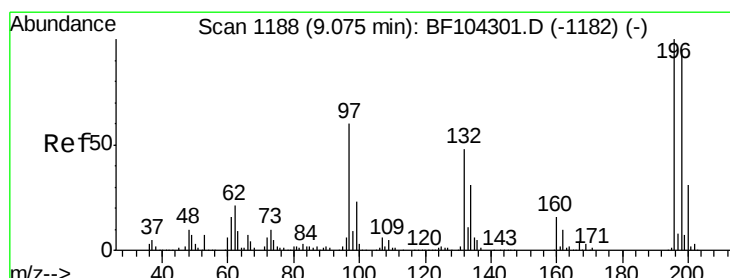
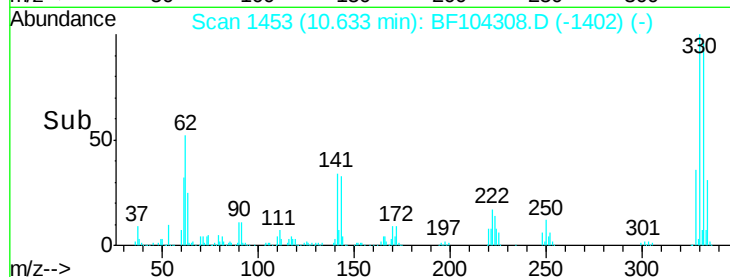
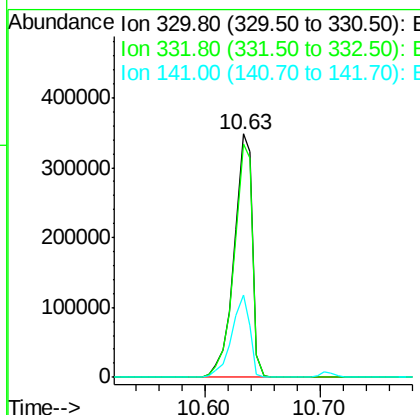
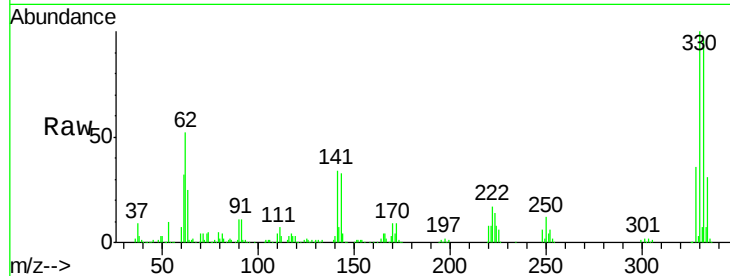
#41
 2,4,6-Tribromophenol
 Concen: 128.065 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.00 min
 Lab File: BF104308.D
 Acq: 6 Apr 2018 16:09

Instrument :
 BNA_F
 ClientSampleId :
 PB107966BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	379822		
332	96.2	77.0	115.6	
141	33.8	29.9	44.9	

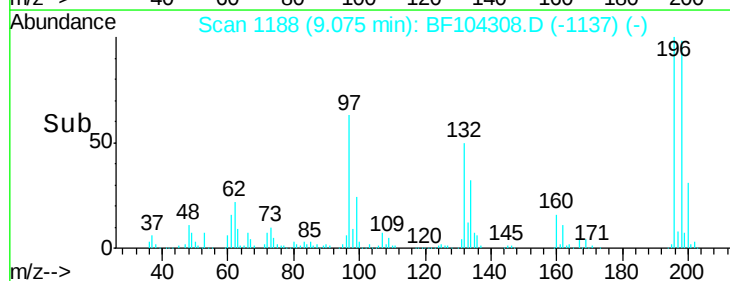
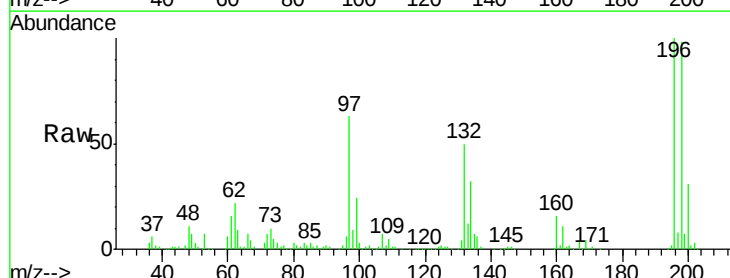
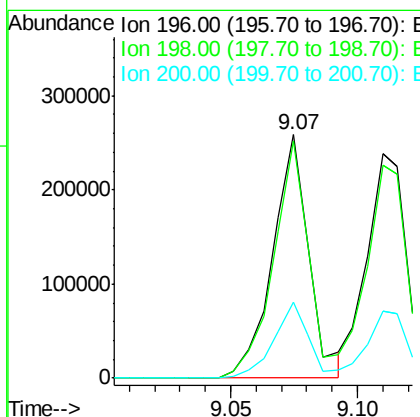
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#42
 2,4,6-Trichlorophenol
 Concen: 45.606 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF104308.D
 Acq: 6 Apr 2018 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	259110		
198	97.6	75.7	113.5	
200	31.1	24.5	36.7	





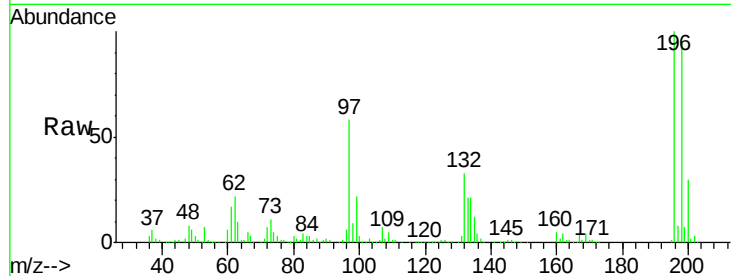
#43
 2,4,5-Trichlorophenol
 Concen: 40.348 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF104308.D
 Acq: 6 Apr 2018 16:09

Instrument :
 BNA_F
 ClientSampleId :
 PB107966BS

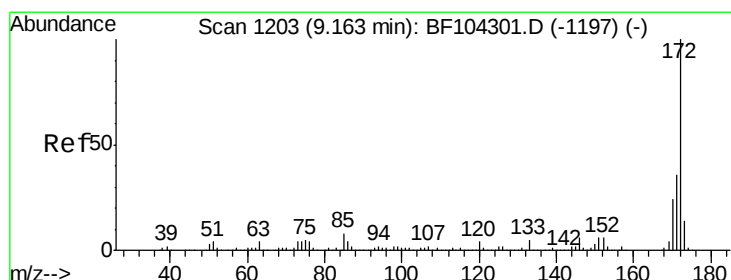
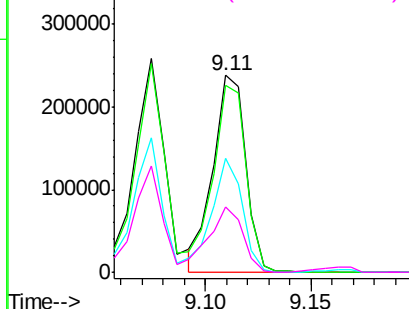
Tot Ion	Ratio	Resp	Lower	Upper
196	100	256528		
198	94.8	74.6	112.0	
97	57.9	42.9	64.3	
132	32.9	26.3	39.5	

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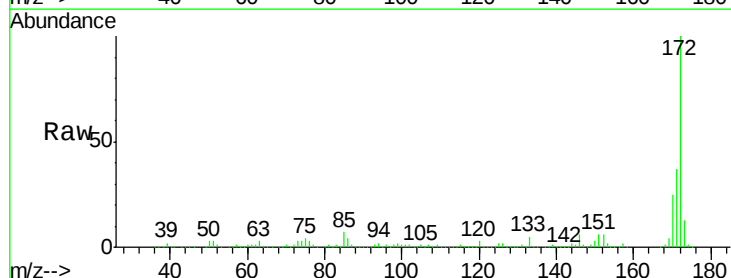


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

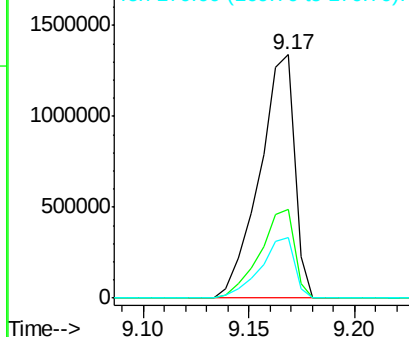


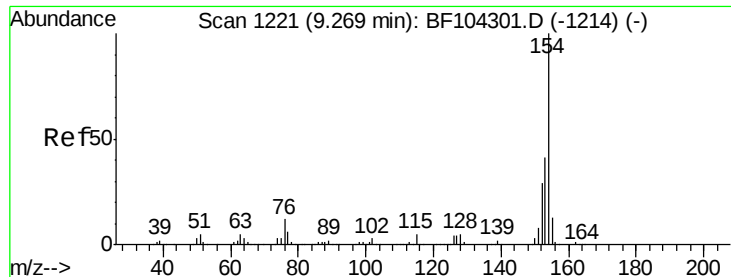
#44
 2-Fluorobiphenyl
 Concen: 85.366 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF104308.D
 Acq: 6 Apr 2018 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1545005		
171	36.5	29.7	44.5	
170	24.6	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





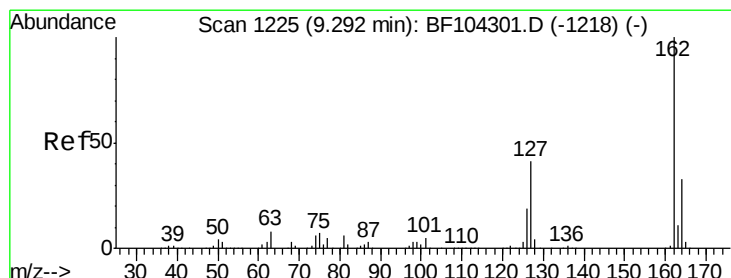
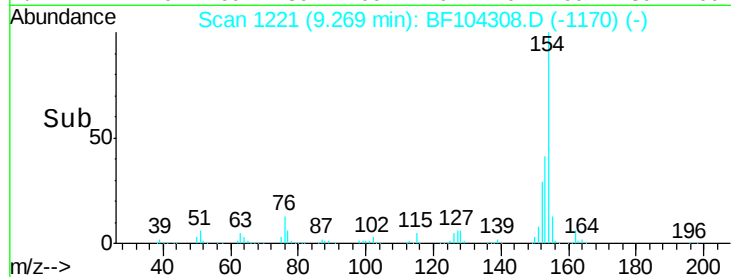
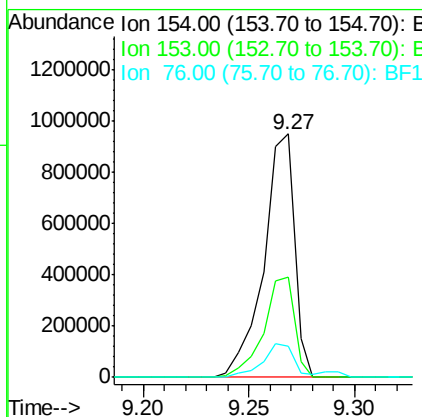
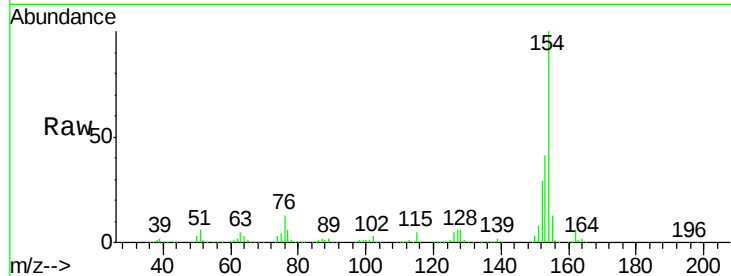
#45
 1,1'-Biphenyl
 Concen: 40.221 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. 0.00 min
 Lab File: BF104308.D
 Acq: 6 Apr 2018 16:09

Instrument :
 BNA_F
 ClientSampleId :
 PB107966BS

Tot Ion:	154	Resp:	966062
Ion Ratio	Lower	Upper	
154	100		
153	41.1	21.3	61.3
76	12.6	0.0	34.0

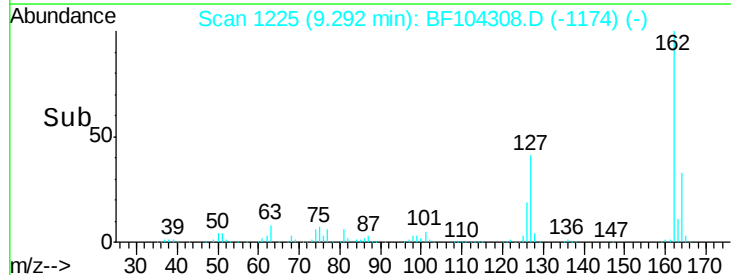
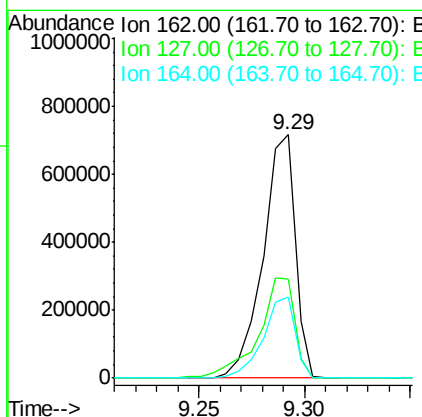
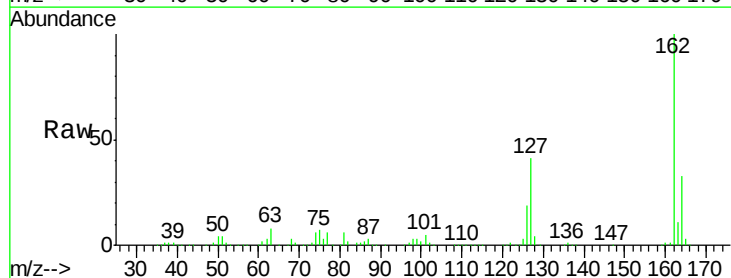
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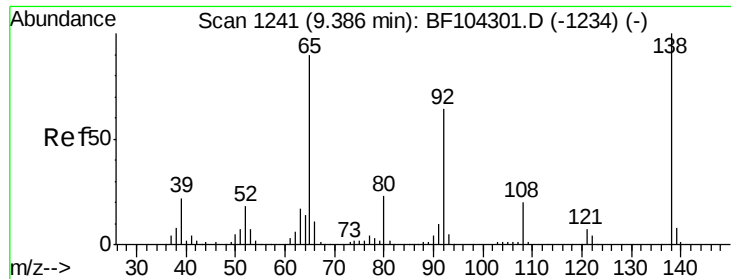
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#46
 2-Chloronaphthalene
 Concen: 40.143 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: BF104308.D
 Acq: 6 Apr 2018 16:09

Tgt Ion:	162	Resp:	761588
Ion Ratio	Lower	Upper	
162	100		
127	40.5	33.9	50.9
164	33.1	26.5	39.7





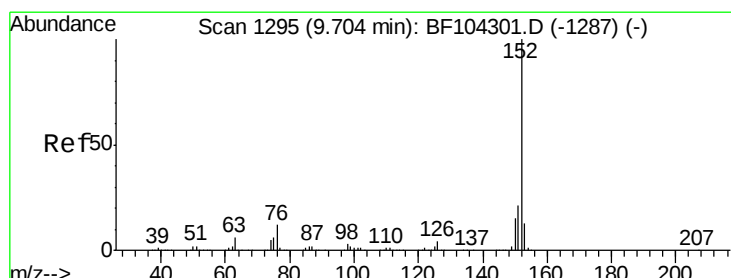
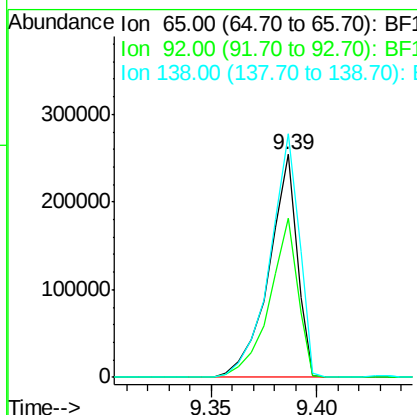
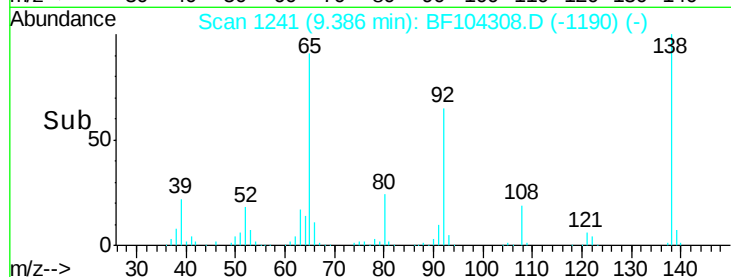
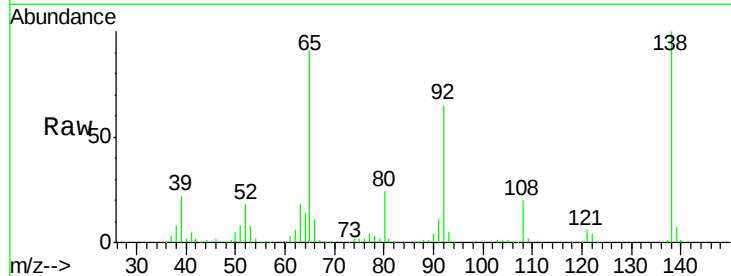
#47
 2-Nitroaniline
 Concen: 50.360 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: BF104308.D
 Acq: 6 Apr 2018 16:09

Instrument :
 BNA_F
 ClientSampleId :
 PB107966BS

Tot Ion:	65	Resp:	236275
Ion Ratio	Lower	Upper	
65	100		
92	71.3	55.8	83.6
138	109.3	91.2	136.8

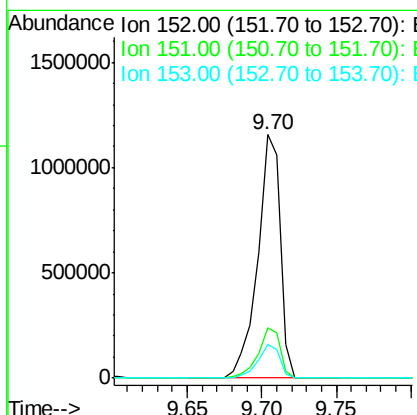
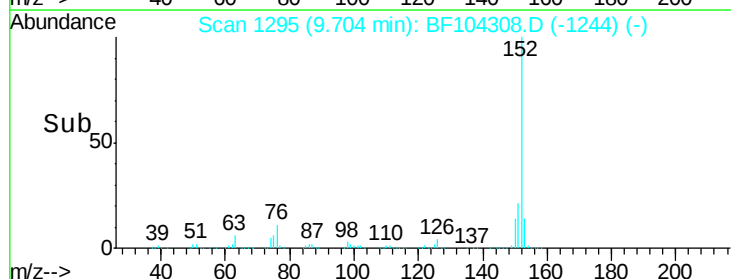
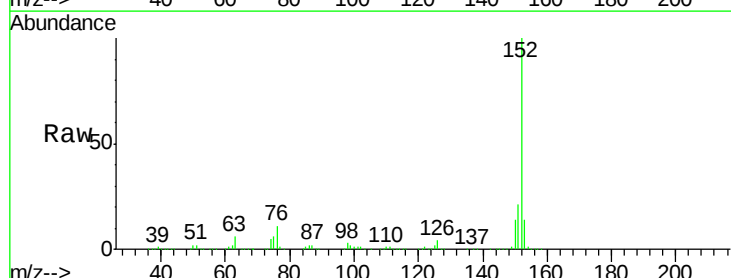
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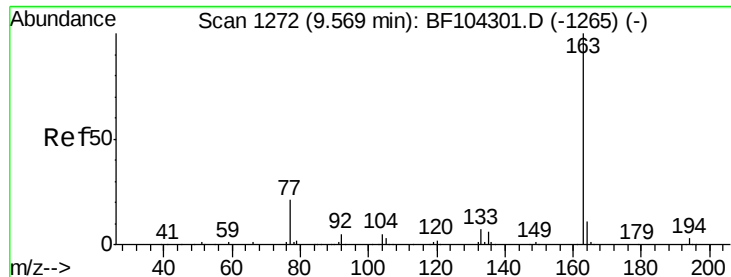
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#48
 Acenaphthylene
 Concen: 40.070 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. 0.00 min
 Lab File: BF104308.D
 Acq: 6 Apr 2018 16:09

Tgt Ion:	152	Resp:	1192710
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.3	24.5
153	13.6	10.7	16.1





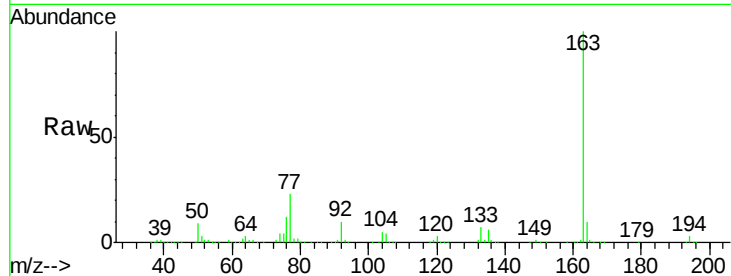
#49
Dimethylphthalate
Concen: 40.638 ng
RT: 9.57 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Instrument :
BNA_F
ClientSampleId :
PB107966BS

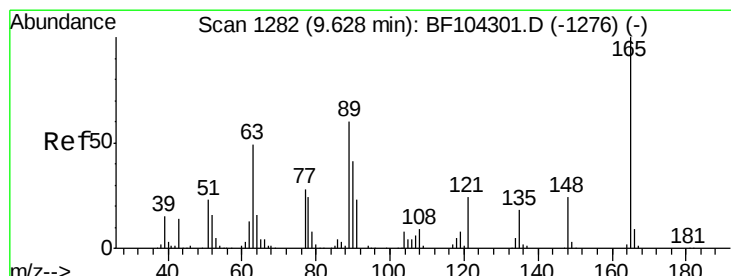
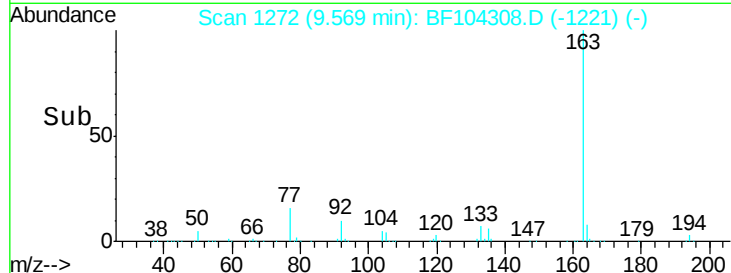
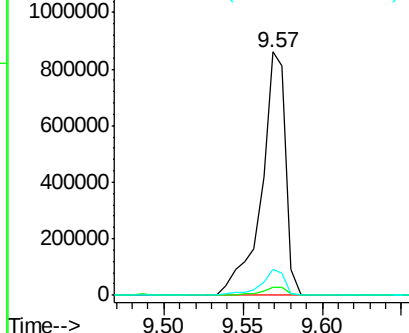
Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100				
194	3.4		2.7	4.1	
164	10.5		8.2	12.2	

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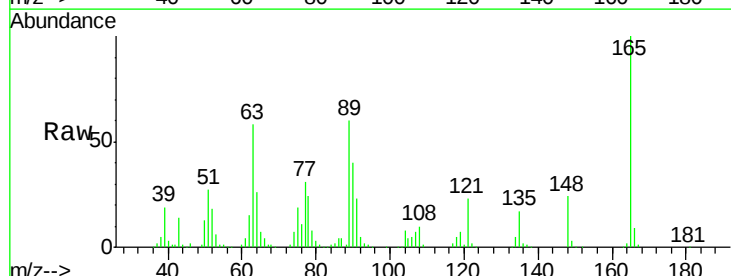


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

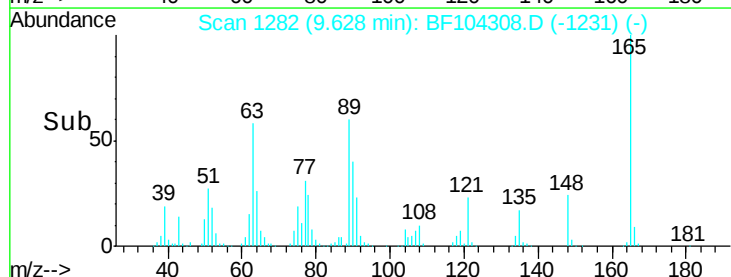
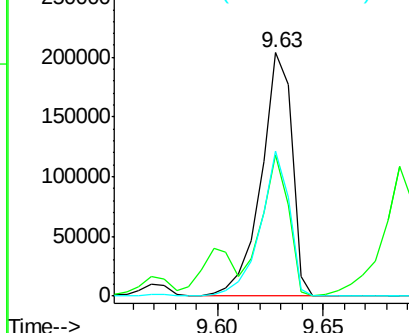


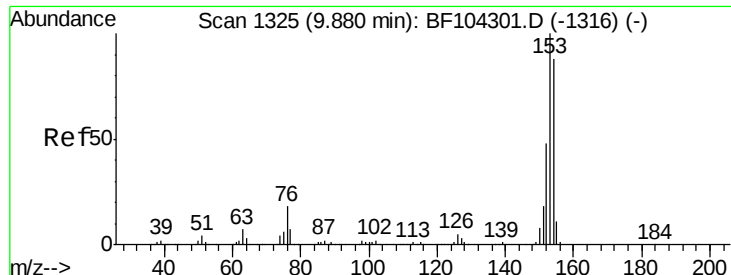
#50
2,6-Dinitrotoluene
Concen: 49.512 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
165	100				
63	57.8		44.7	67.1	
89	59.8		44.0	66.0	



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





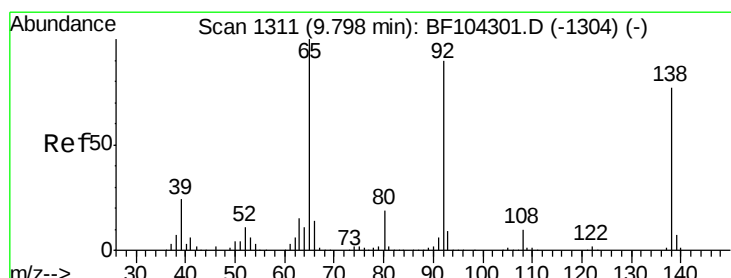
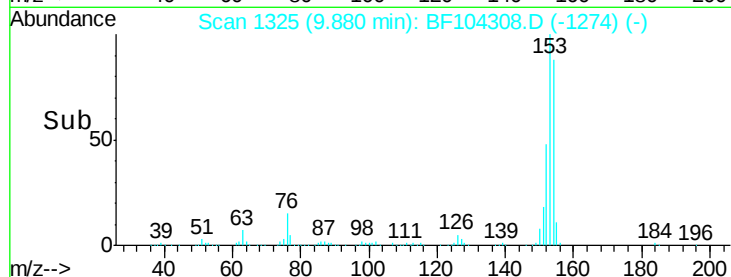
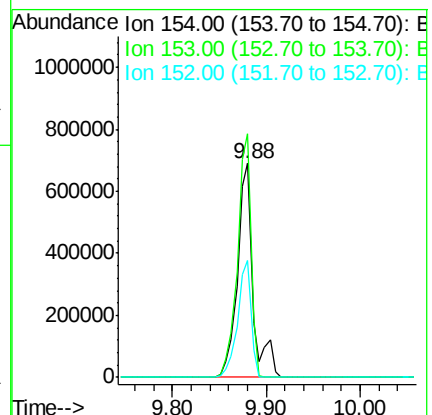
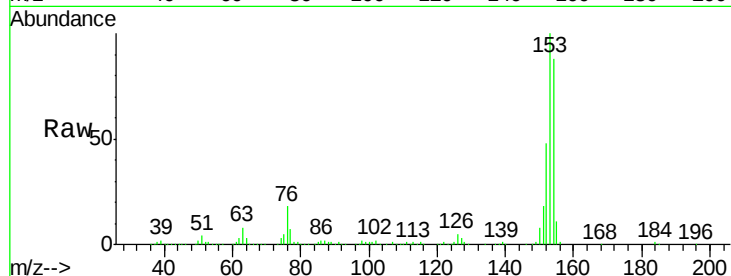
#51
Acenaphthene
Concen: 43.825 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Instrument :
BNA_F
ClientSampled :
PB107966BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.7	91.2	136.8
152	54.7	43.8	65.8

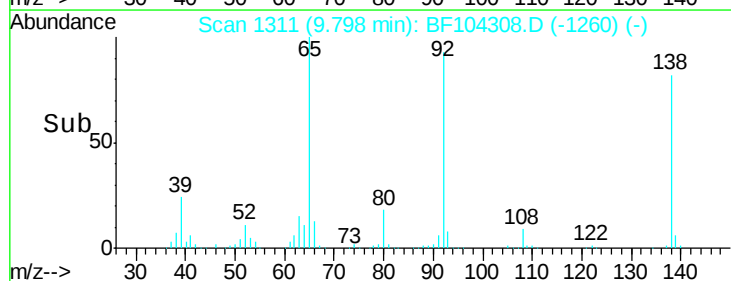
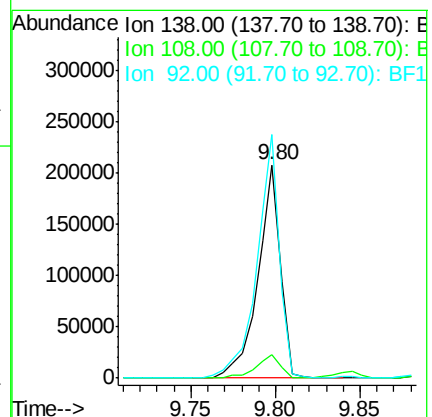
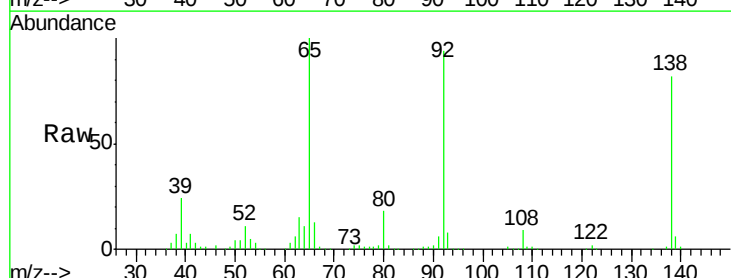
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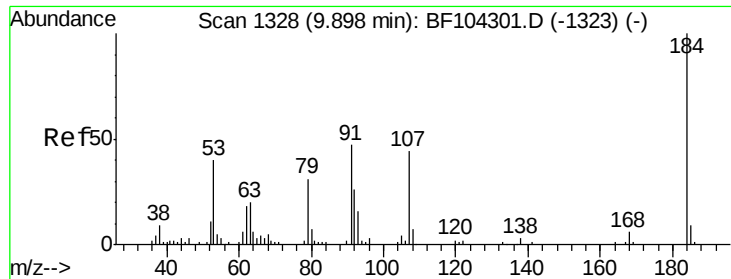
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#52
3-Nitroaniline
Concen: 39.566 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.1	9.4	14.0
92	114.1	89.4	134.2





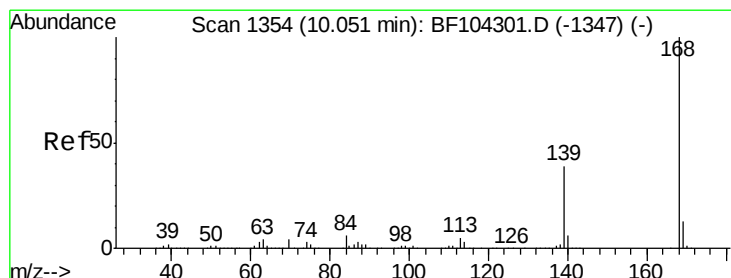
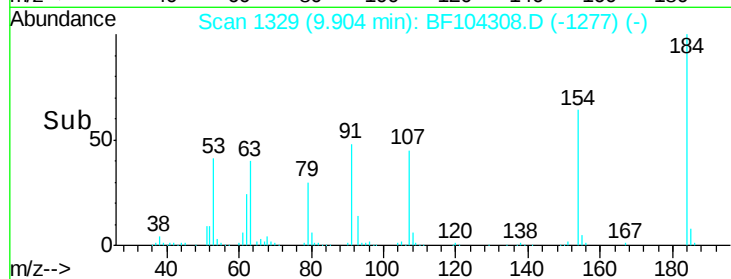
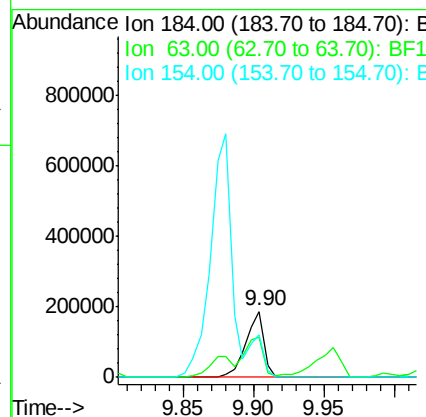
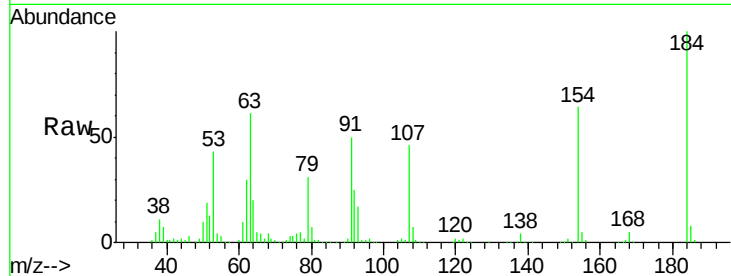
#53
 2,4-Dinitrophenol
 Concen: 91.207 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. 0.01 min
 Lab File: BF104308.D
 Acq: 6 Apr 2018 16:09

Instrument :
 BNA_F
 ClientSampleId :
 PB107966BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	167981		
63	60.8	54.2	81.2	
154	63.7	184.0	276.0	

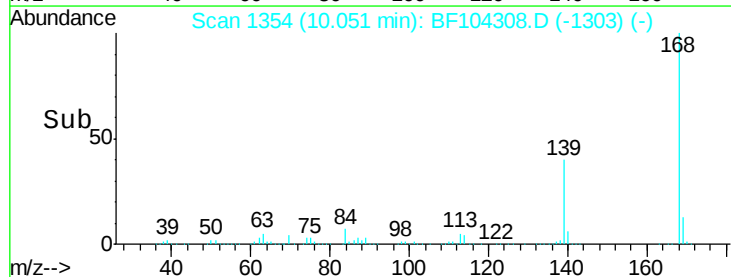
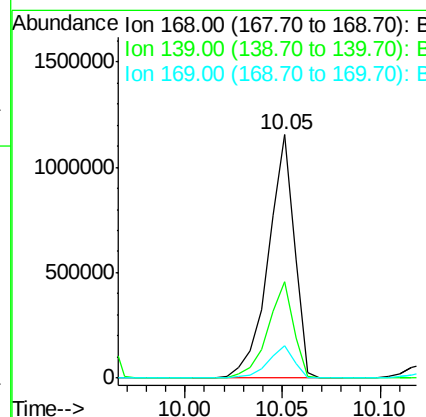
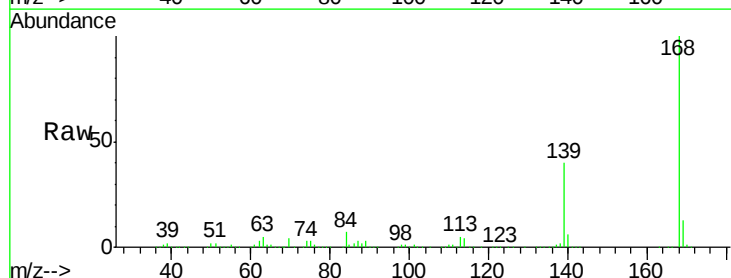
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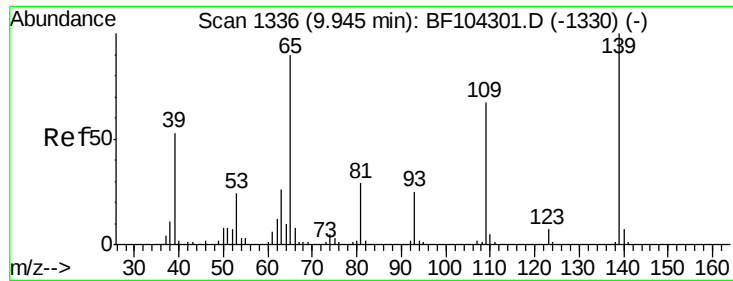
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#54
 Dibenzofuran
 Concen: 42.272 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. 0.00 min
 Lab File: BF104308.D
 Acq: 6 Apr 2018 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1069892		
139	39.7	30.1	45.1	
169	13.4	10.9	16.3	





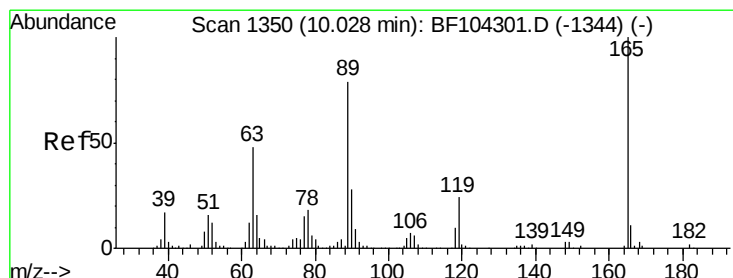
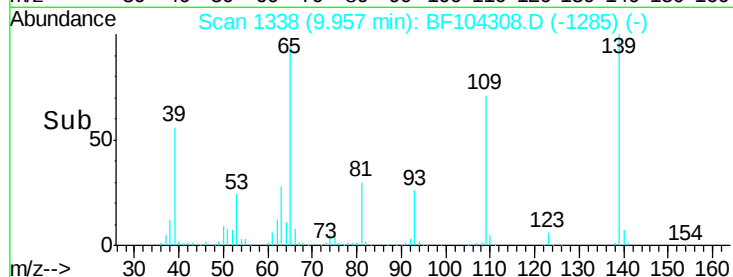
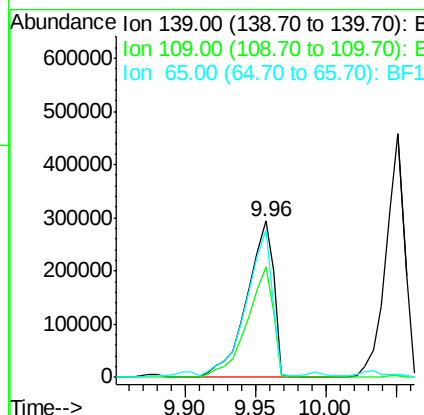
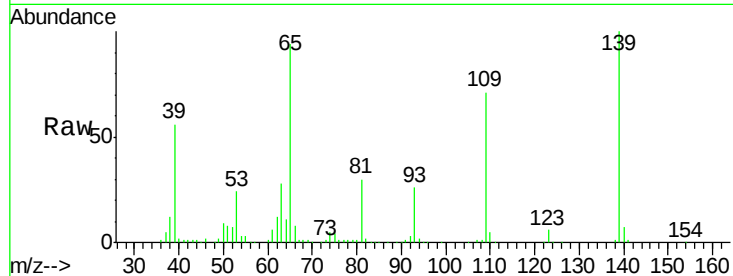
#55
4-Nitrophenol
Concen: 102.073 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Instrument :
BNA_F
ClientSampleId :
PB107966BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	70.6	48.4	88.4
65	94.5	72.6	112.6

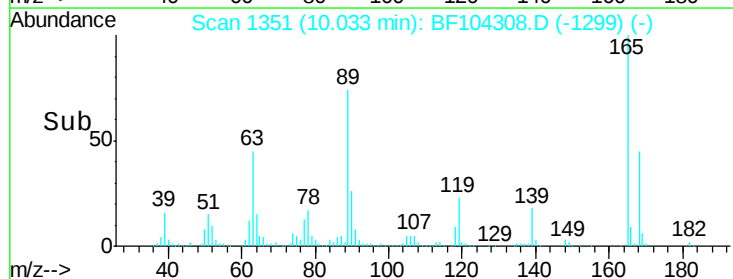
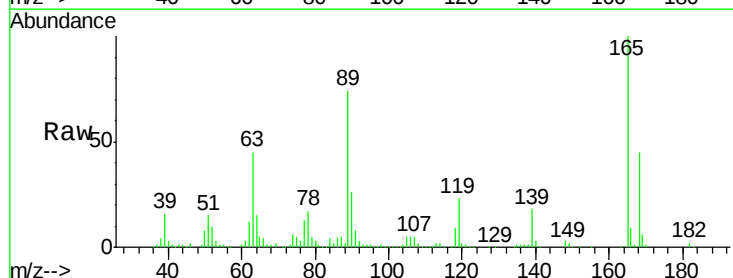
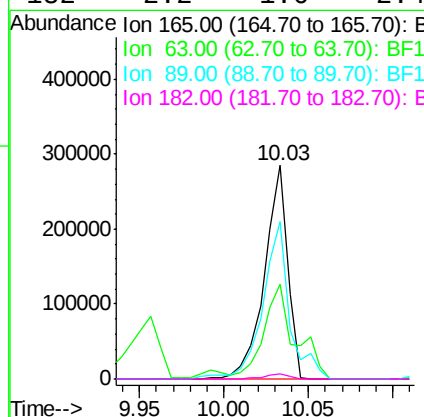
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#56
2,4-Dinitrotoluene
Concen: 49.759 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Tgt Ion	Ratio	Lower	Upper
165	100		
63	44.6	36.4	54.6
89	73.8	57.8	86.6
182	2.2	1.6	2.4





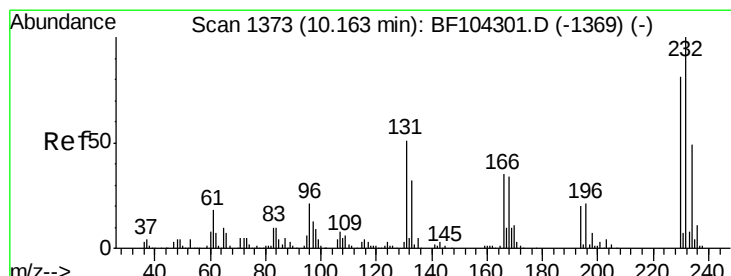
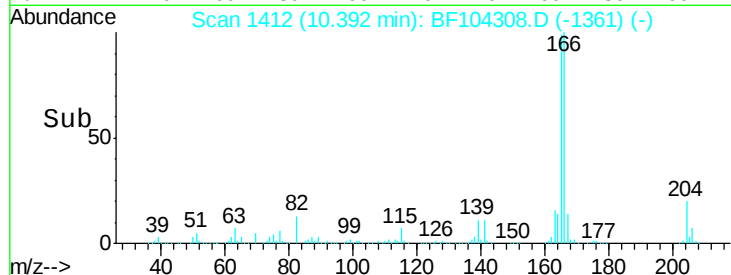
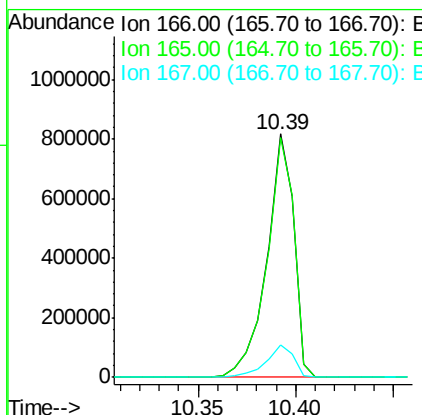
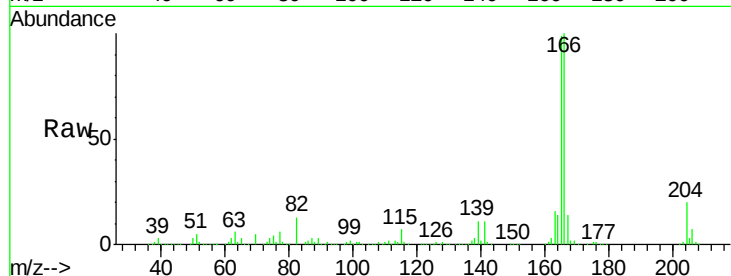
#57
Fluorene
 Concen: 42.531 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: BF104308.D
 Acq: 6 Apr 2018 16:09

Instrument :
 BNA_F
 ClientSampleId :
 PB107966BS

Tot Ion:	166	Resp:	783512
Ion Ratio	Lower	Upper	
166	100		
165	98.7	79.8	119.8
167	13.5	10.6	16.0

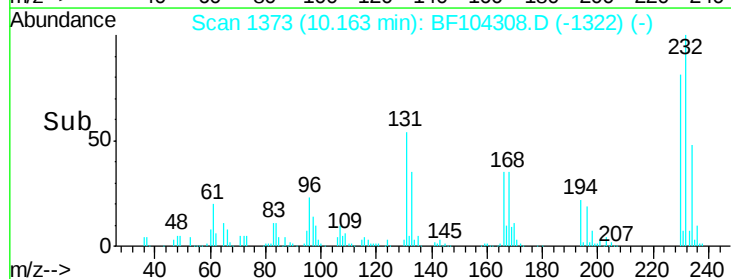
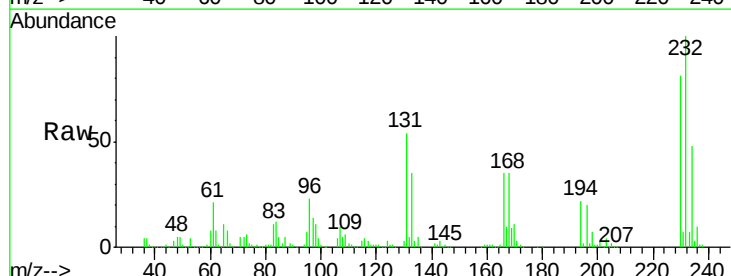
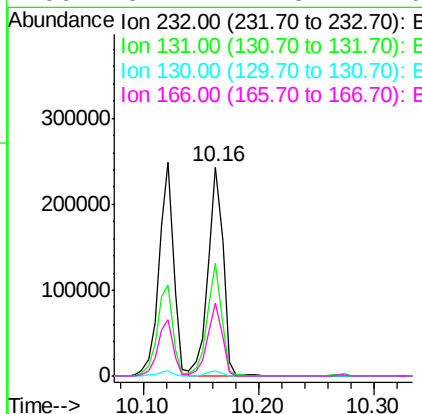
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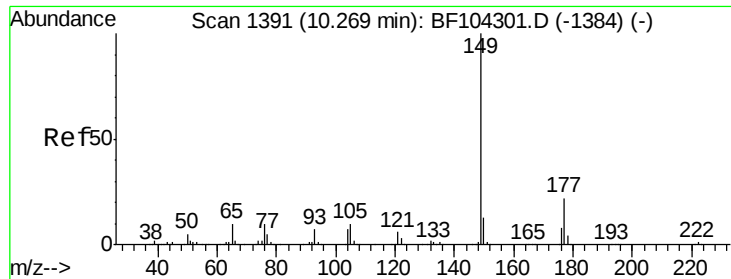
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 46.265 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. 0.00 min
 Lab File: BF104308.D
 Acq: 6 Apr 2018 16:09

Tgt Ion:	232	Resp:	219445
Ion Ratio	Lower	Upper	
232	100		
131	52.1	43.8	65.8
130	2.5	2.1	3.1
166	34.1	27.8	41.6





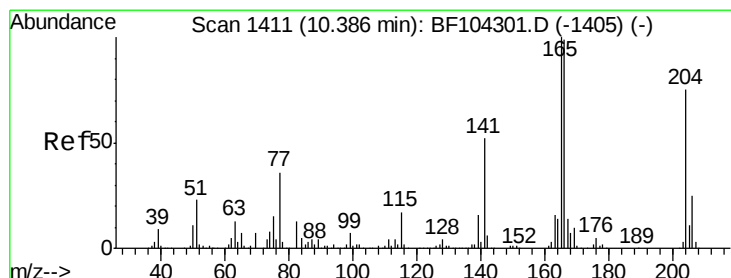
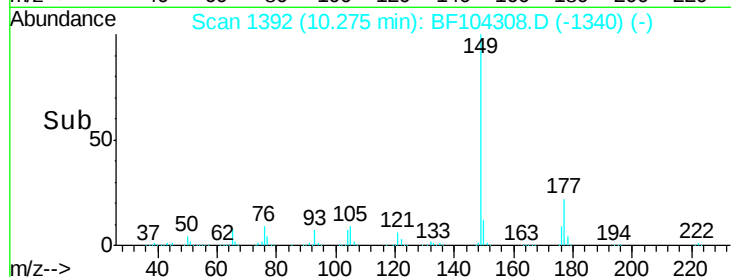
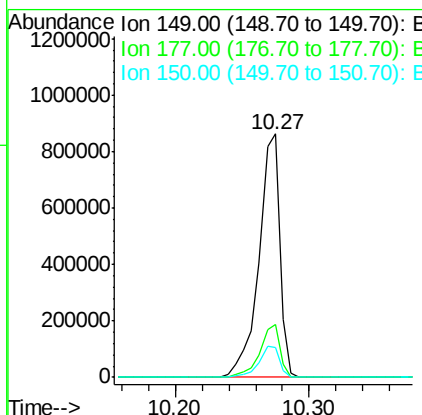
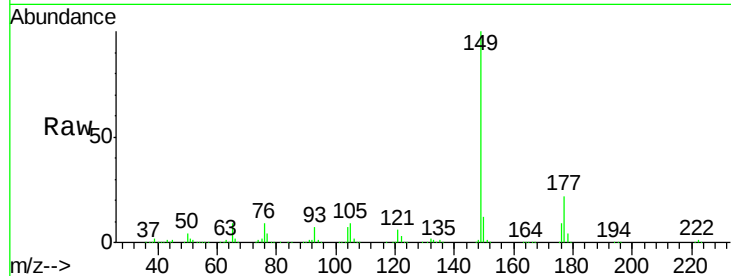
#59
Diethylphthalate
Concen: 41.345 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.01 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Instrument :
BNA_F
ClientSampled :
PB107966BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	928397		
177	21.7	16.1	24.1	
150	12.4	10.1	15.1	

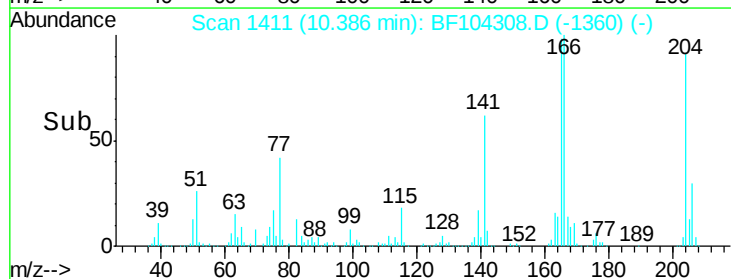
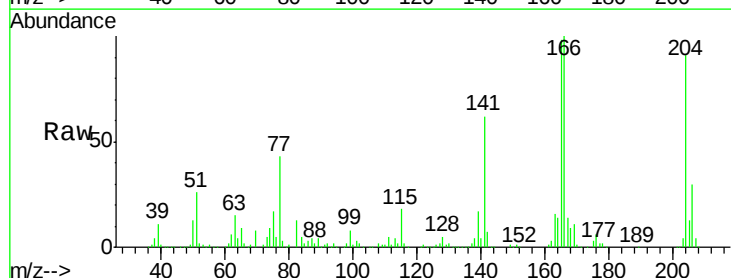
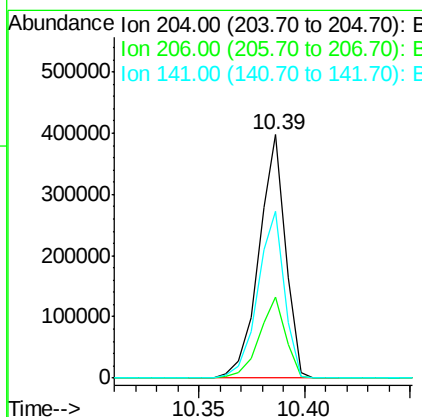
Manual Integrations
APPROVED

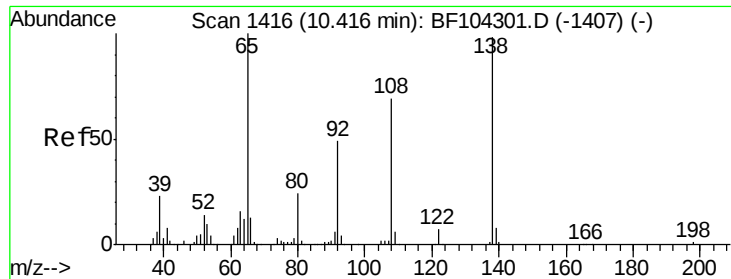
Sohil
4/9/2018 11:18:20 AM



#60
4-Chlorophenyl-phenylether
Concen: 42.138 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	345716		
206	33.3	26.5	39.7	
141	68.8	54.6	81.8	





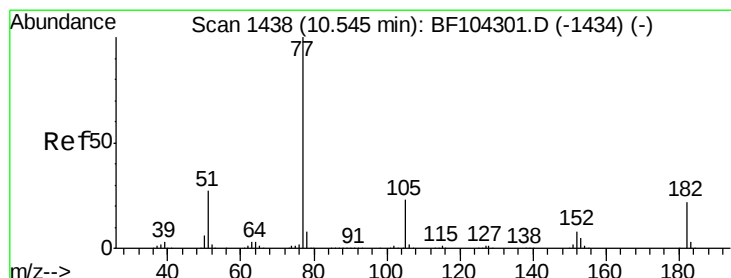
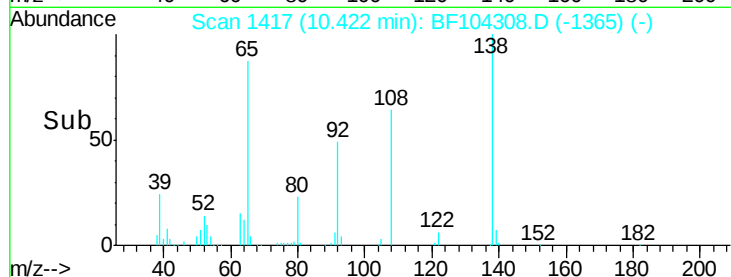
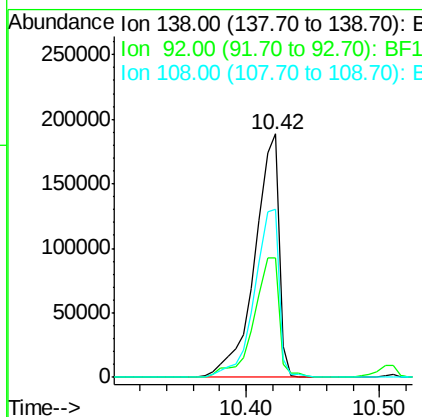
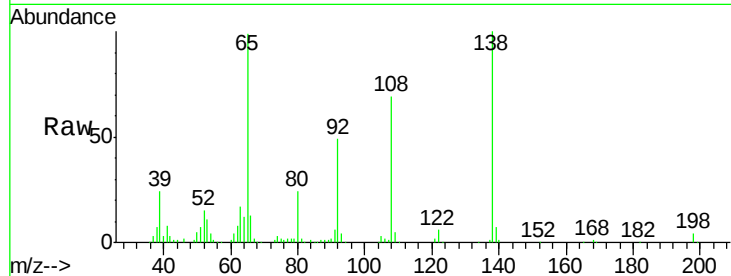
#61
4-Nitroaniline
Concen: 49.390 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.01 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Instrument :
BNA_F
ClientSampled :
PB107966BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.8	30.2	70.2
108	69.1	52.5	92.5

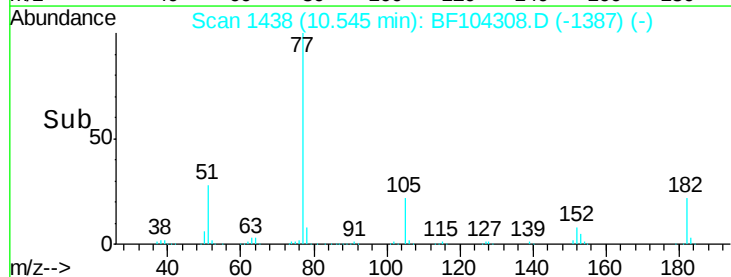
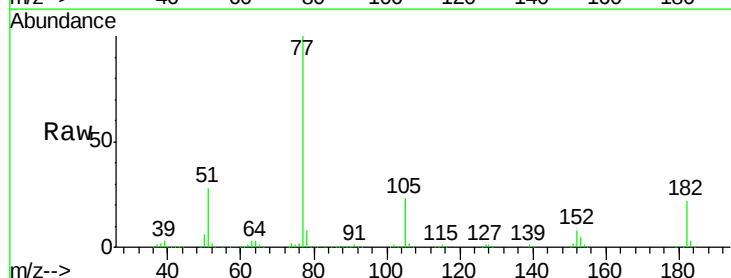
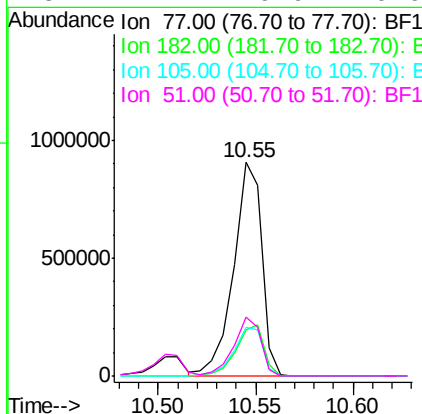
Manual Integrations
APPROVED

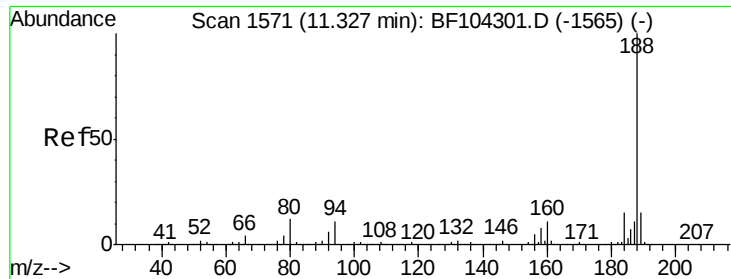
Sohil
4/9/2018 11:18:20 AM



#62
Azobenzene
Concen: 42.380 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.8	1.7	41.7
105	22.8	3.0	43.0
51	27.7	9.9	49.9





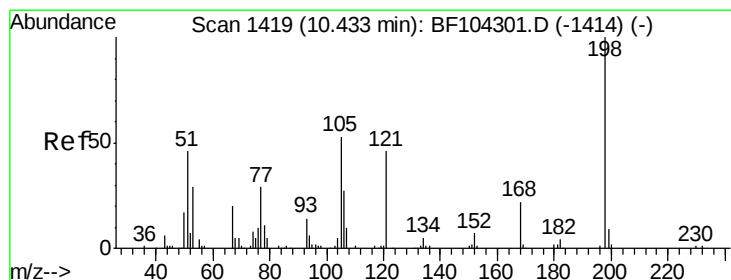
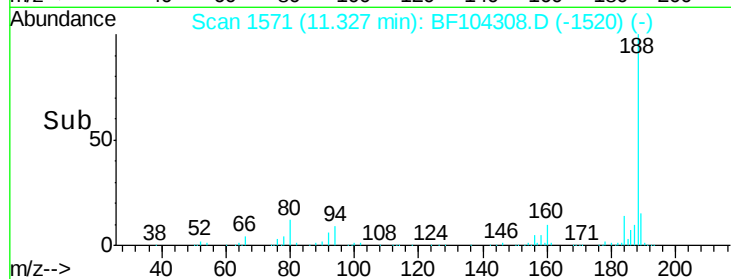
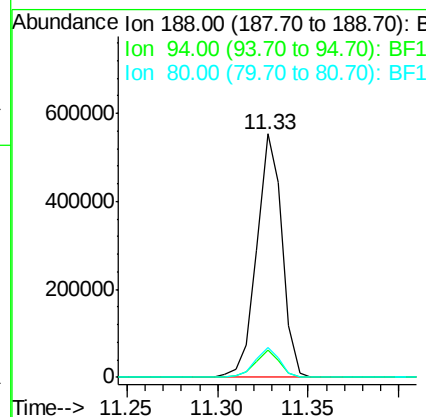
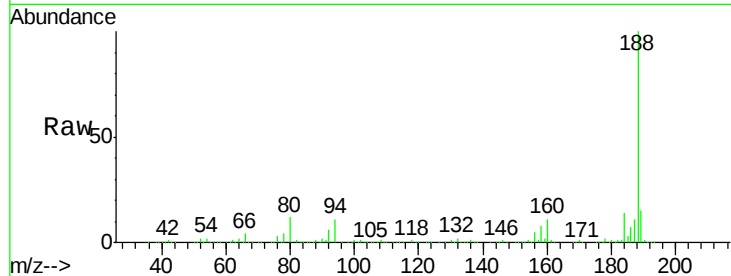
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Instrument :
BNA_F
ClientSampleId :
PB107966BS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.4	8.5	12.7
80	12.4	9.2	13.8

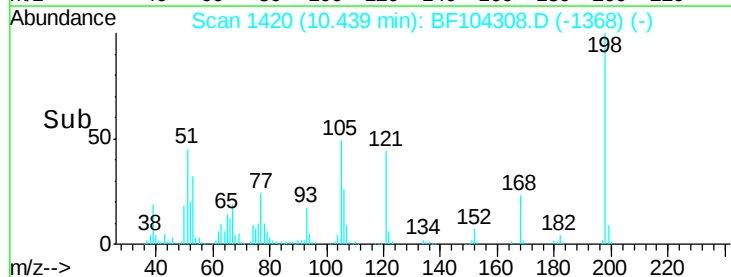
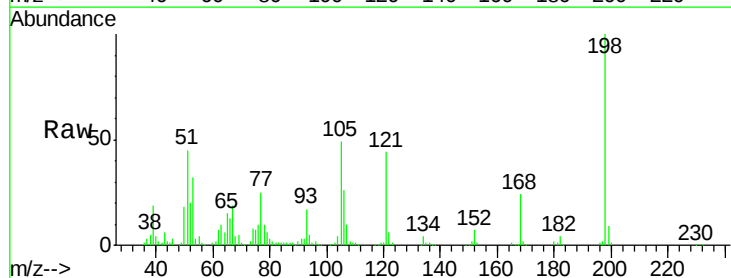
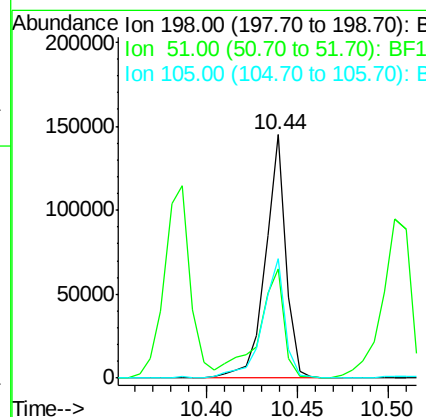
Manual Integrations
APPROVED

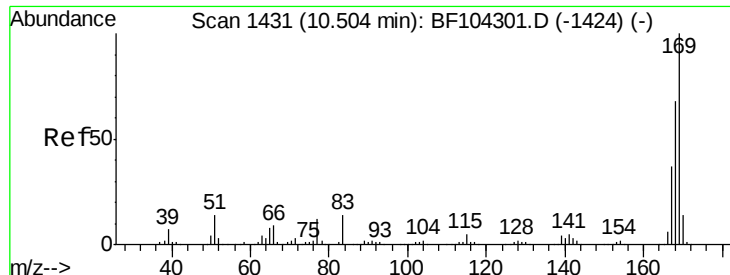
Sohil
4/9/2018 11:18:20 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 44.504 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	44.8	37.7	77.7
105	48.9	36.3	76.3





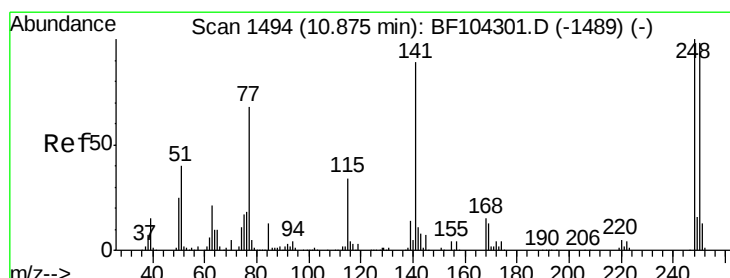
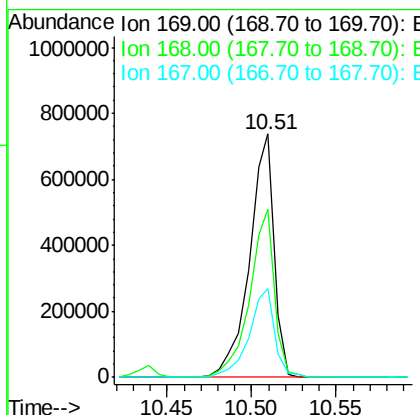
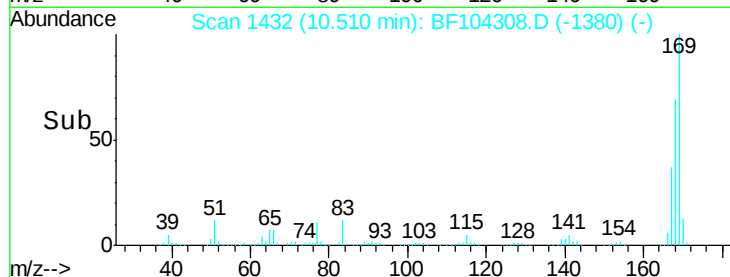
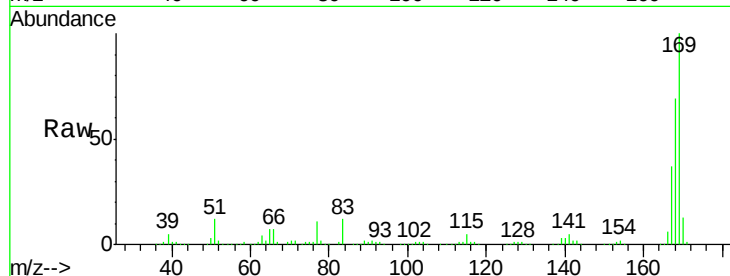
#65
n-Nitrosodiphenylamine
Concen: 40.550 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.01 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Instrument :
BNA_F
ClientSampleId :
PB107966BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	752454		
168	69.0		54.4	81.6
167	36.6		29.8	44.6

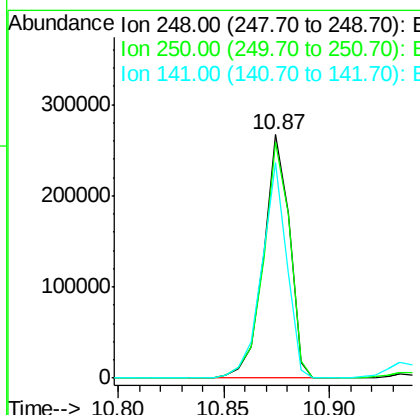
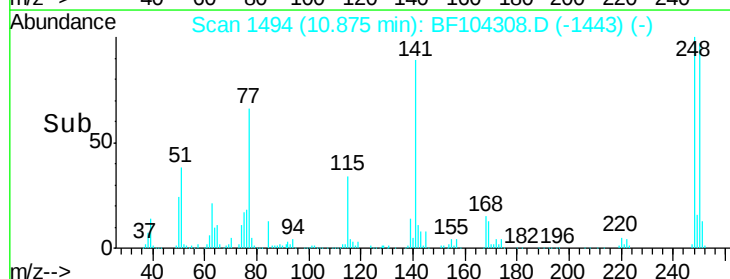
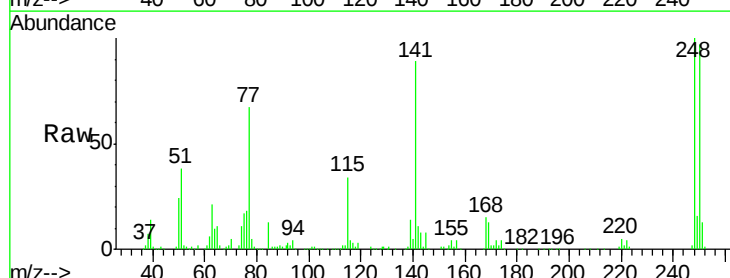
Manual Integrations
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4/9/2018 11:18:20 AM



#66
4-Bromophenyl-phenylether
Concen: 40.454 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	230290		
250	97.0		76.9	115.3
141	88.6		74.4	111.6





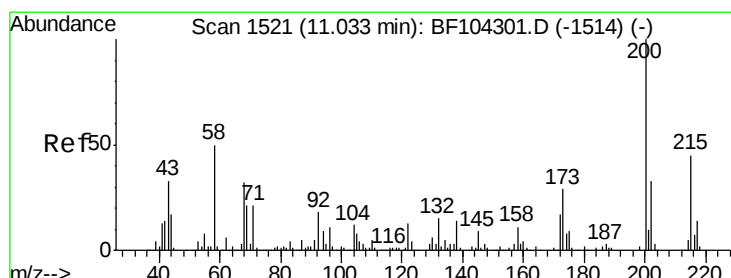
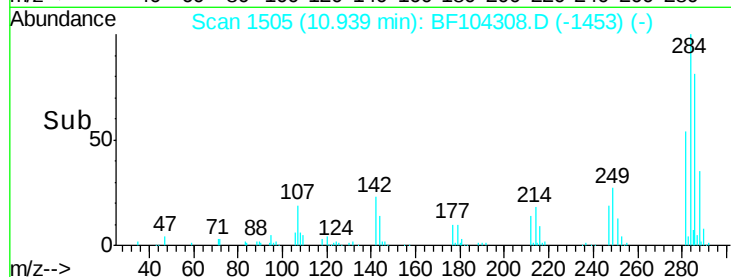
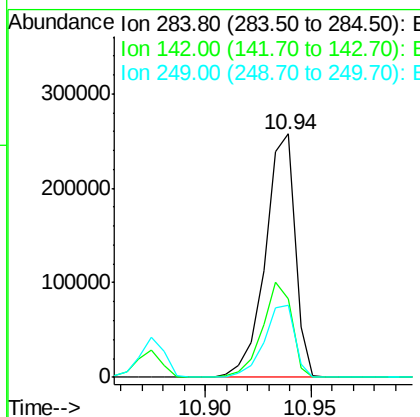
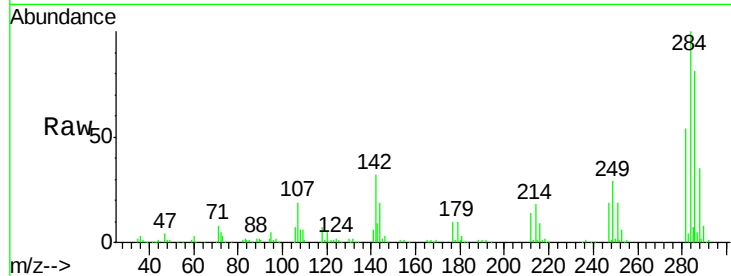
#67
Hexachlorobenzene
Concen: 39.506 ng
RT: 10.94 min Scan# 1505
Delta R.T. 0.01 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Instrument :
BNA_F
ClientSampleId :
PB107966BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	253054		
142	32.4	34.6	52.0	
249	29.5	24.8	37.2	

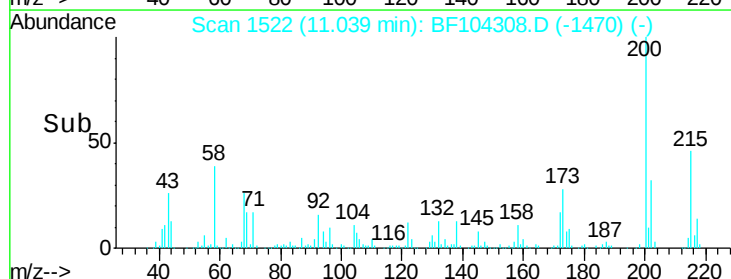
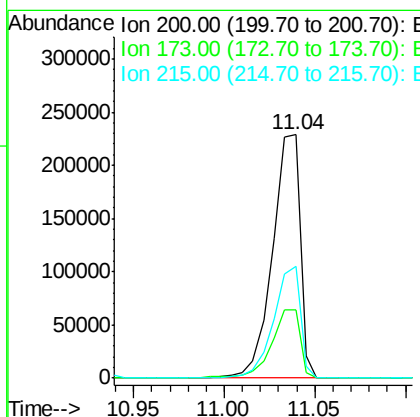
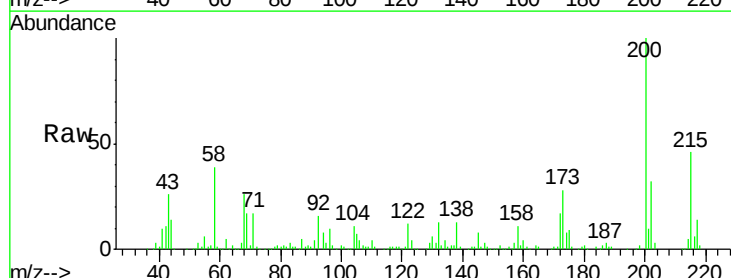
Manual Integrations
APPROVED

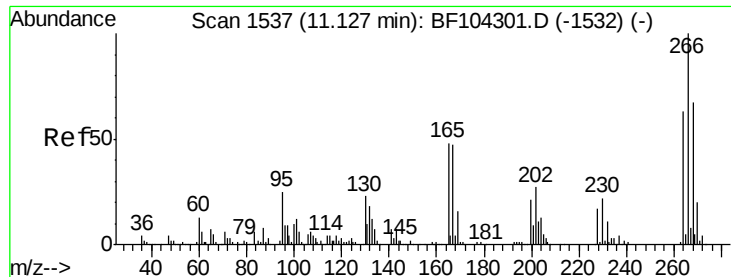
Sohil
4/9/2018 11:18:20 AM



#68
Atrazine
Concen: 43.415 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	243170		
173	27.8	8.6	48.6	
215	45.9	25.1	65.1	





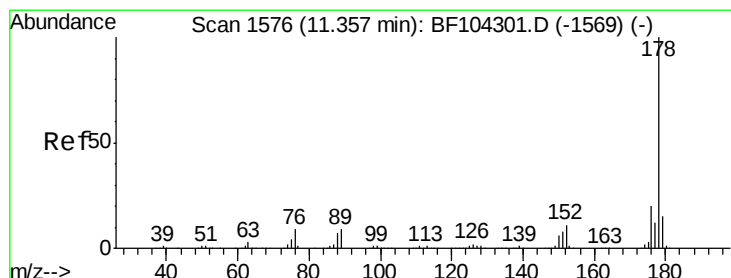
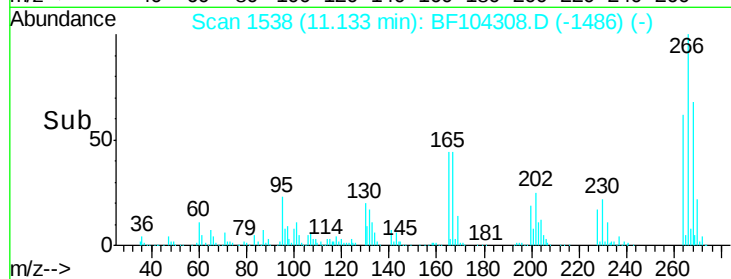
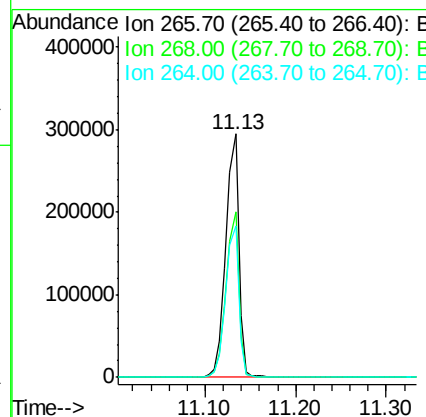
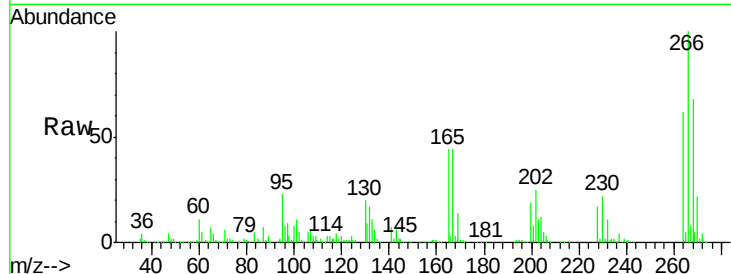
#69
 Pentachlorophenol
 Concen: 73.731 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. 0.01 min
 Lab File: BF104308.D
 Acq: 6 Apr 2018 16:09

Instrument :
 BNA_F
 ClientSampleId :
 PB107966BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	68.1	51.1	76.7
264	62.3	49.5	74.3

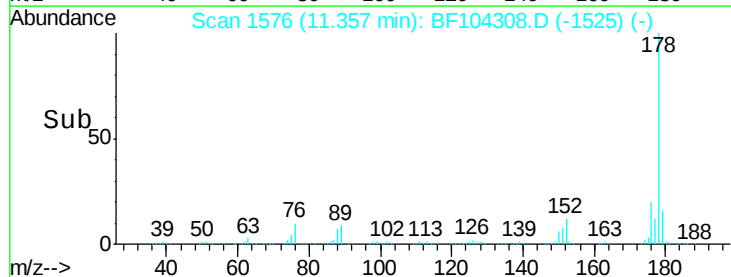
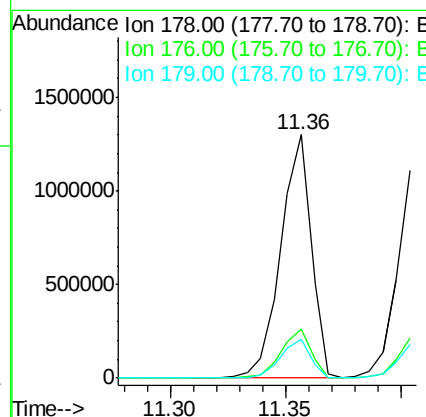
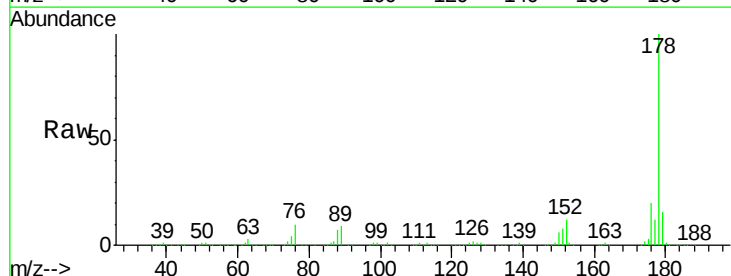
Manual Integrations
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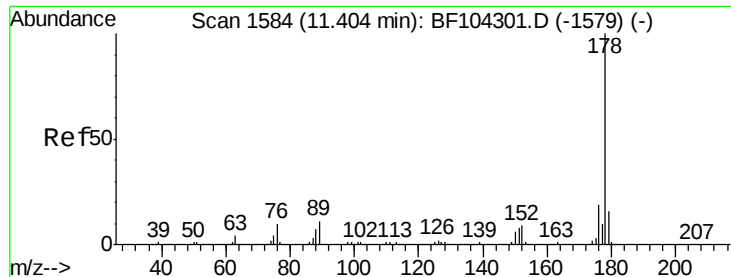
Sohil
 4/9/2018 11:18:20 AM



#70
 Phenanthrene
 Concen: 40.047 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. 0.00 min
 Lab File: BF104308.D
 Acq: 6 Apr 2018 16:09

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.8	13.0	19.6





#71

Anthracene

Concen: 40.805 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.01 min

Lab File: BF104308.D

Acq: 6 Apr 2018 16:09

Instrument :

BNA_F

ClientSampleId :

PB107966BS

Tot Ion:178 Resp: 1236230

Ion Ratio Lower Upper

178 100

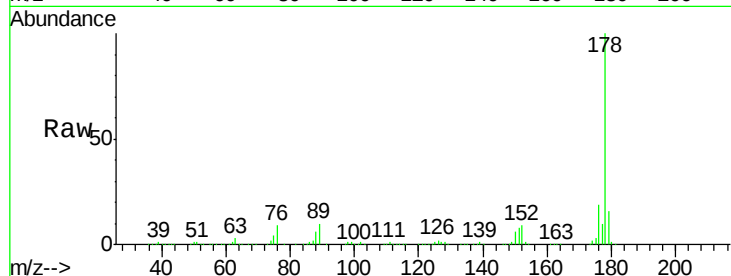
176 19.3 15.4 23.2

179 15.8 12.6 19.0

Manual Integrations
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Sohil

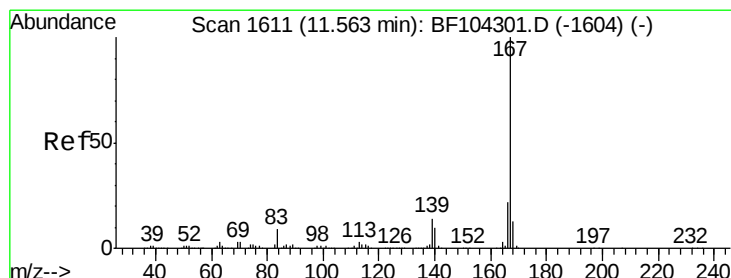
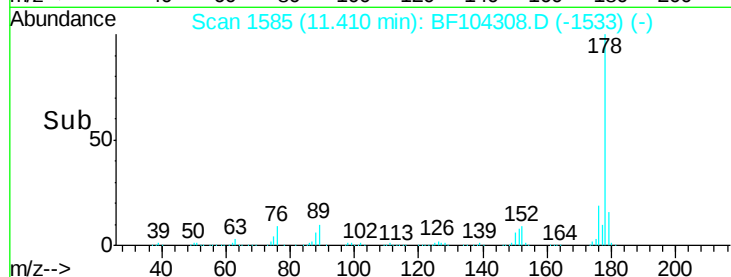
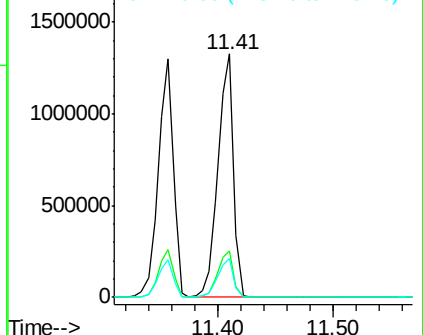
4/9/2018 11:18:20 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 39.614 ng

RT: 11.56 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BF104308.D

Acq: 6 Apr 2018 16:09

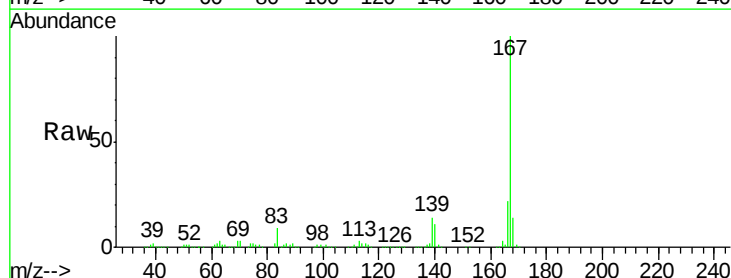
Tgt Ion:167 Resp: 1172751

Ion Ratio Lower Upper

167 100

166 22.1 17.6 26.4

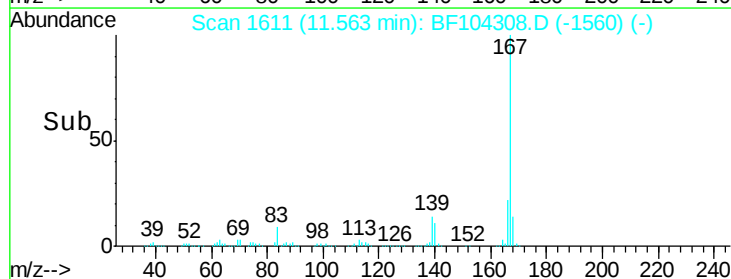
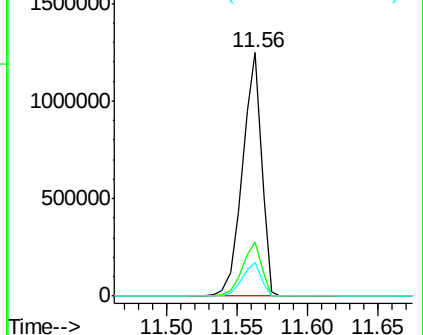
139 13.8 10.9 16.3

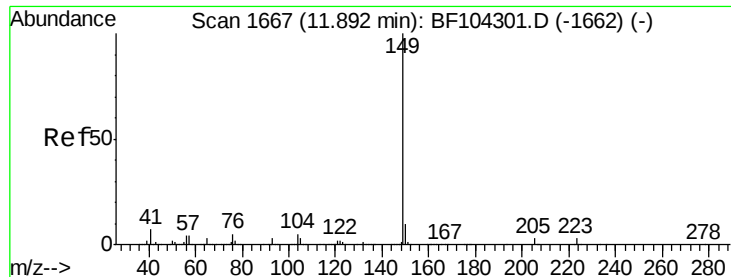


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.832 ng

RT: 11.90 min Scan# 1668

Delta R.T. 0.01 min

Lab File: BF104308.D

Acq: 6 Apr 2018 16:09

Instrument :

BNA_F

ClientSampleId :

PB107966BS

Tot Ion:149 Resp: 1440465

Ion Ratio Lower Upper

149 100

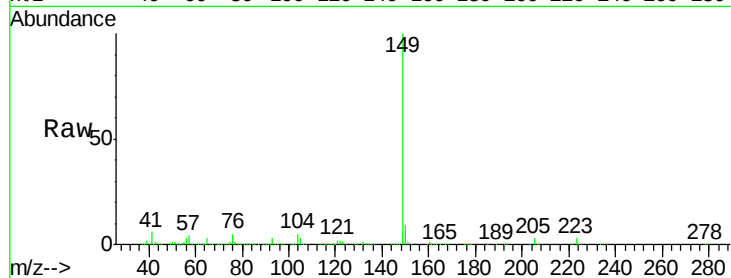
150 9.3 7.8 11.6

104 5.0 3.8 5.8

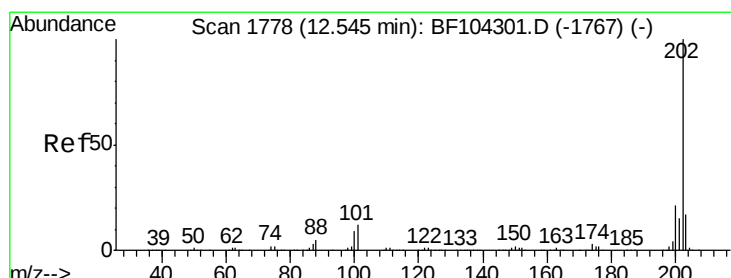
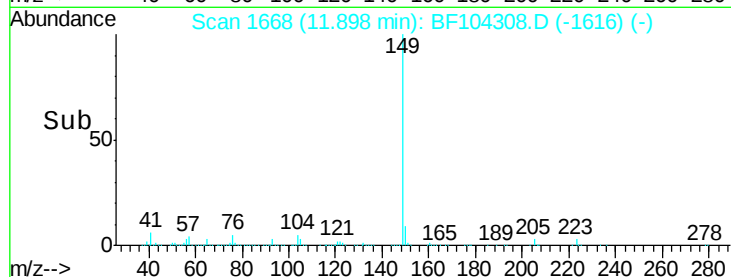
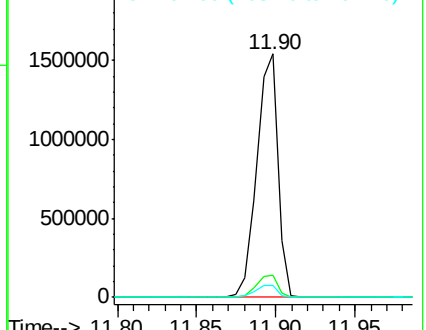
Manual Integrations
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Sohil

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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: 40.916 ng

RT: 12.55 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF104308.D

Acq: 6 Apr 2018 16:09

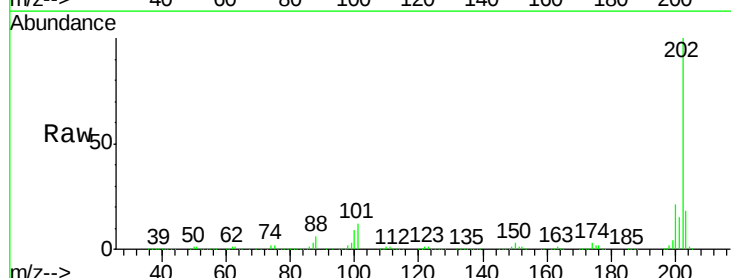
Tgt Ion:202 Resp: 1274111

Ion Ratio Lower Upper

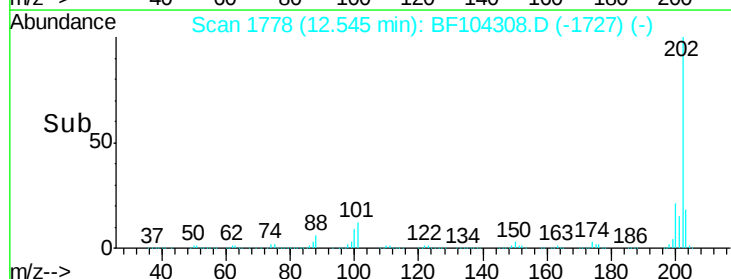
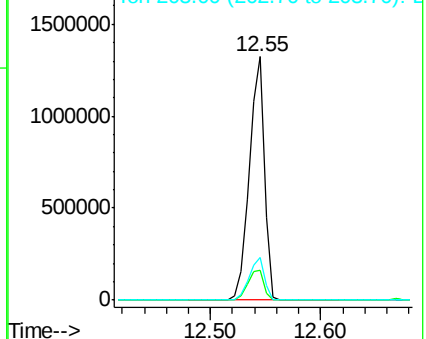
202 100

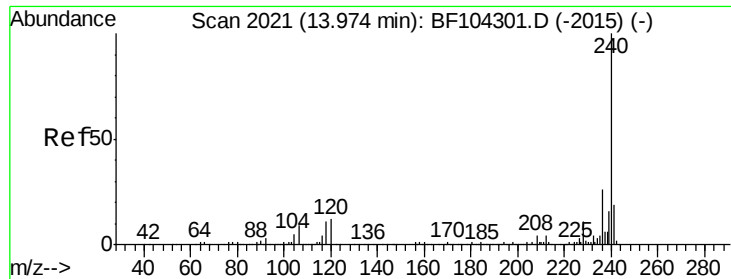
101 12.5 0.0 34.1

203 17.5 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: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF104308.D

Acq: 6 Apr 2018 16:09

Instrument :

BNA_F

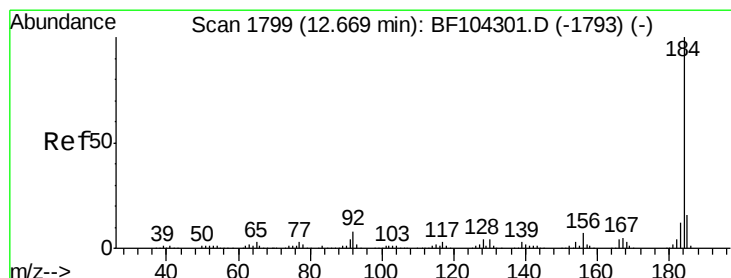
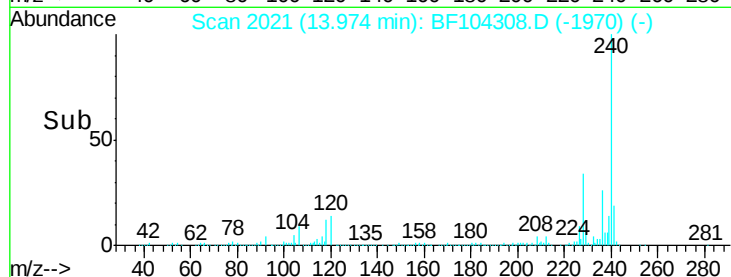
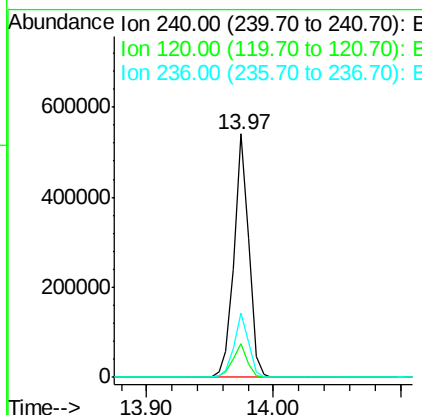
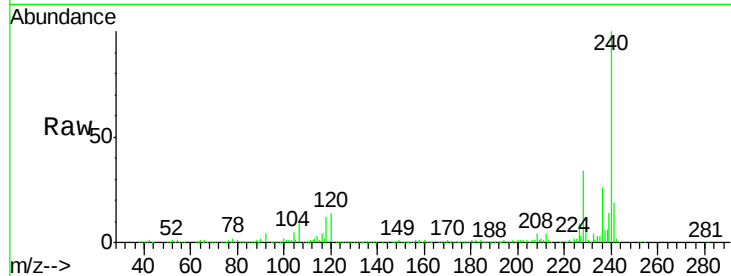
ClientSampleId :

PB107966BS

Tot Ion:	240	Resp:	430387
Ion Ratio	Lower	Upper	
240	100		
120	13.6	9.5	14.3
236	26.3	20.7	31.1

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#76

Benzidine

Concen: 50.869 ng

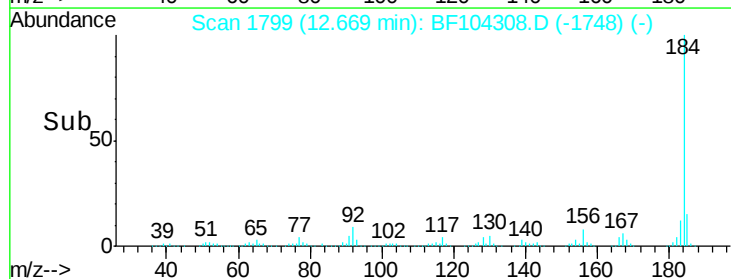
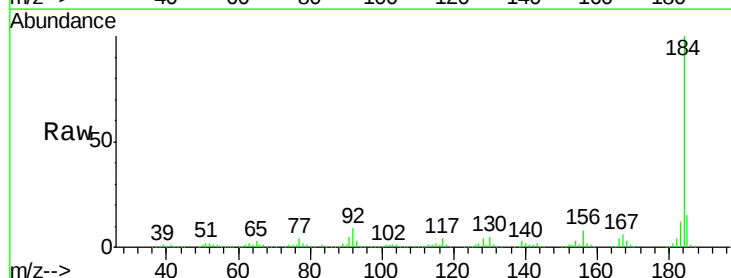
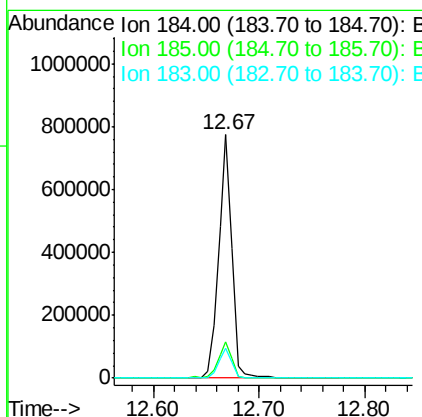
RT: 12.67 min Scan# 1799

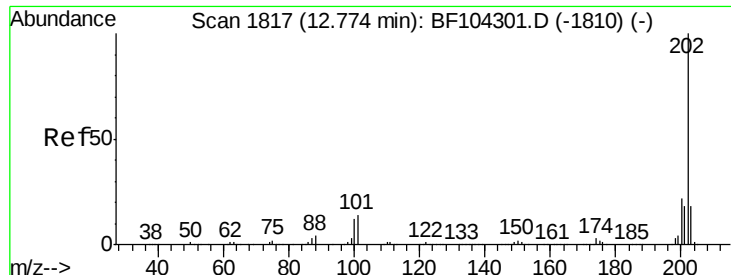
Delta R.T. 0.00 min

Lab File: BF104308.D

Acq: 6 Apr 2018 16:09

Tgt Ion:	184	Resp:	689427
Ion Ratio	Lower	Upper	
184	100		
185	14.7	12.6	18.8
183	12.1	9.3	13.9





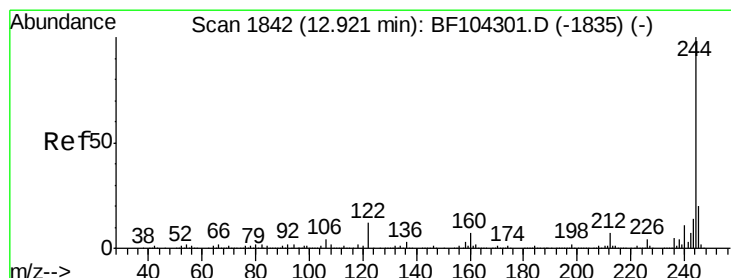
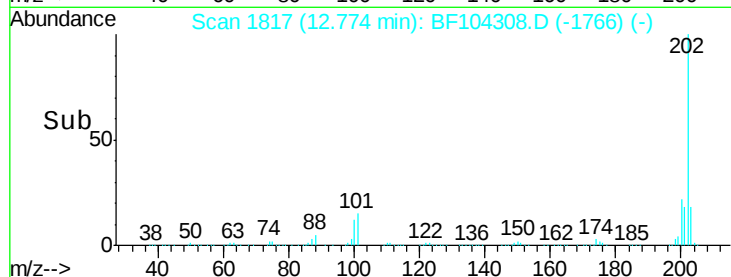
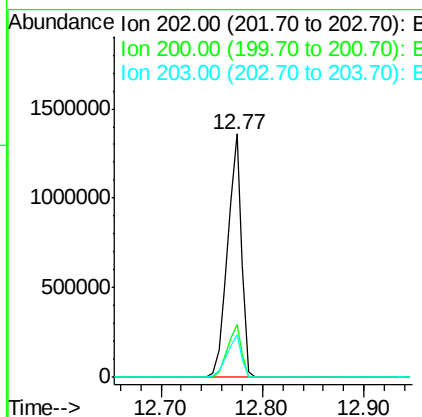
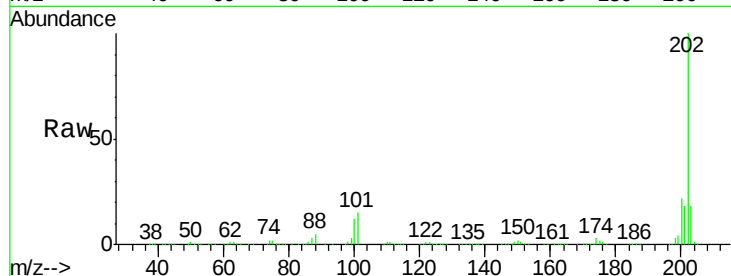
#77
Pvrene
Concen: 40.560 ng
RT: 12.77 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Instrument :
BNA_F
ClientSampleId :
PB107966BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.8	14.3	21.5

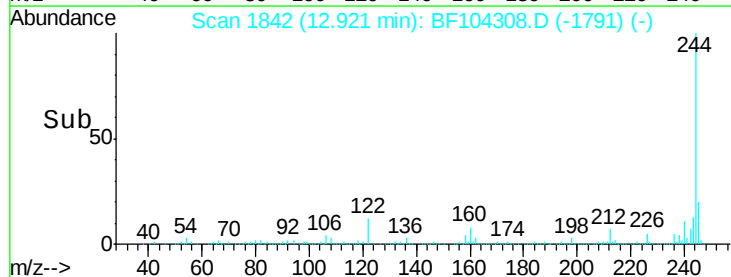
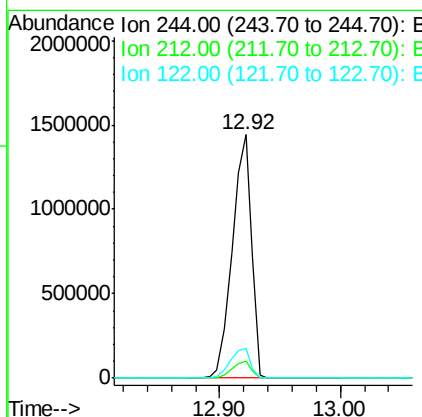
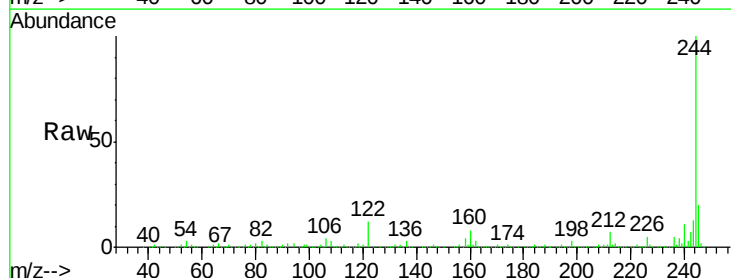
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#78
Terphenyl-d14
Concen: 84.310 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.3	11.0	16.4





#79

Butylbenzylphthalate

Concen: 42.487 ng

RT: 13.40 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BF104308.D

Acq: 6 Apr 2018 16:09

Instrument :

BNA_F

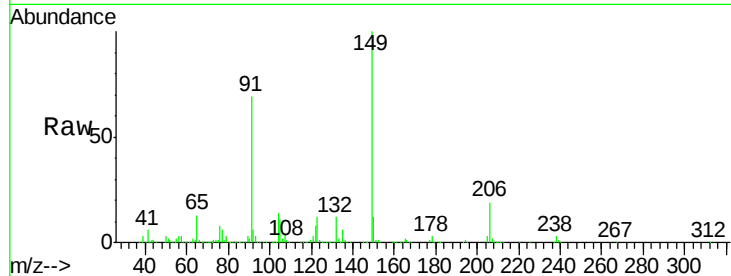
ClientSampleId :

PB107966BS

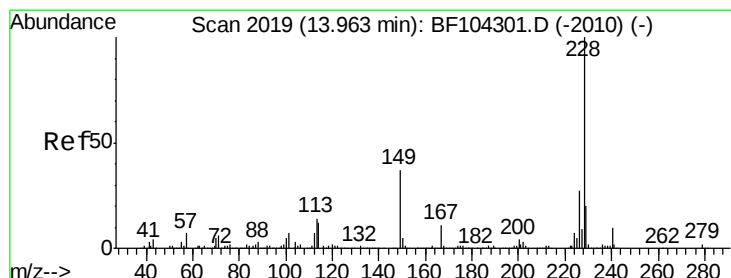
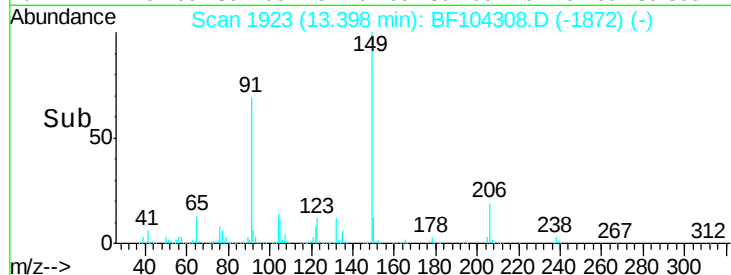
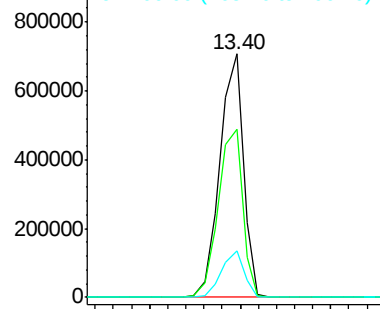
Tot Ion:	149	Resp:	638555
Ion Ratio	Lower	Upper	
149	100		
91	68.9	56.8	85.2
206	19.1	14.1	21.1

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.369 ng

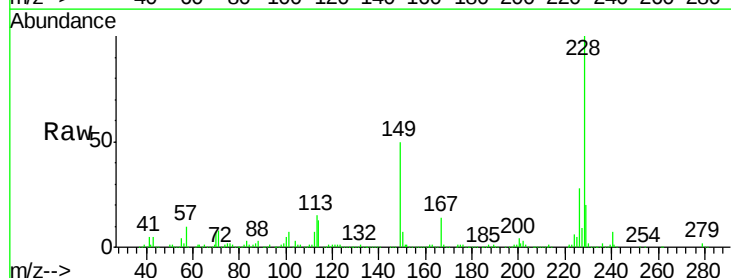
RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

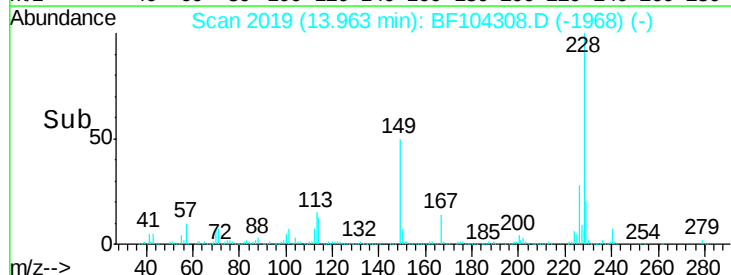
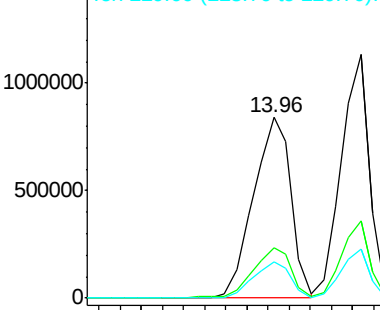
Lab File: BF104308.D

Acq: 6 Apr 2018 16:09

Tgt Ion:	228	Resp:	1037958
Ion Ratio	Lower	Upper	
228	100		
226	28.0	22.6	33.8
229	20.0	15.8	23.6



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 33.086 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF104308.D

Acq: 6 Apr 2018 16:09

Instrument :

BNA_F

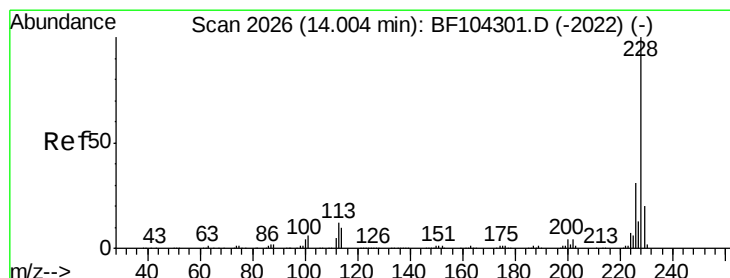
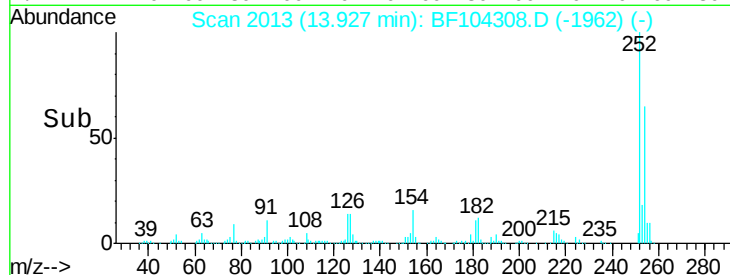
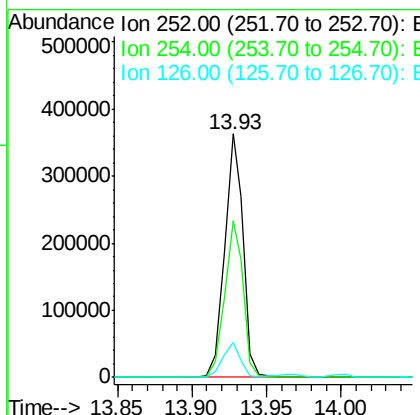
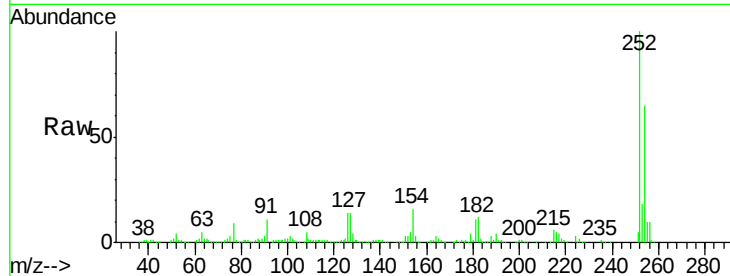
ClientSampled :

PB107966BS

Tot Ion:	252	Resp:	317183
Ion Ratio		Lower	Upper
252	100		
254	64.5	50.4	75.6
126	14.4	11.3	16.9

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#82

Chrysene

Concen: 40.026 ng

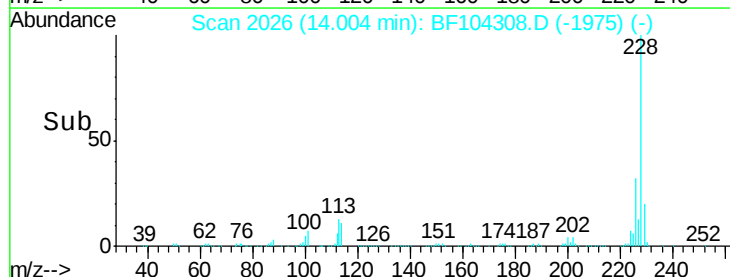
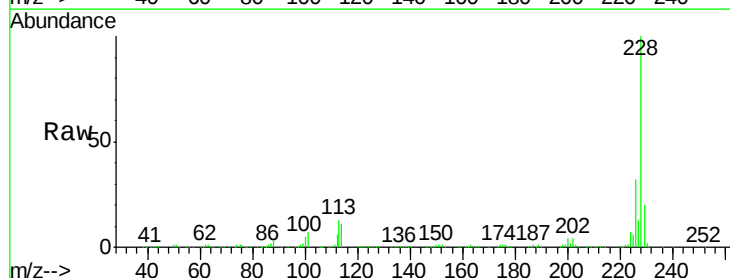
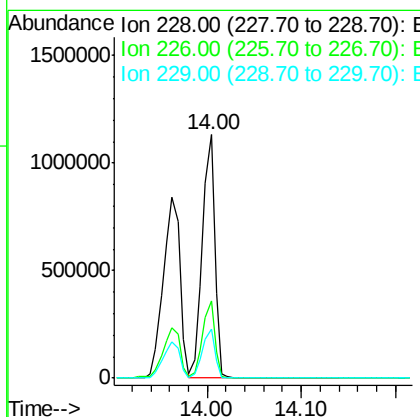
RT: 14.00 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BF104308.D

Acq: 6 Apr 2018 16:09

Tgt Ion:	228	Resp:	1057073
Ion Ratio		Lower	Upper
228	100		
226	31.6	25.0	37.6
229	20.1	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.904 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BF104308.D

Acq: 6 Apr 2018 16:09

Instrument :

BNA_F

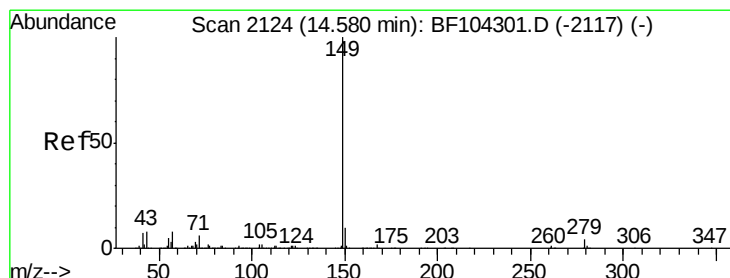
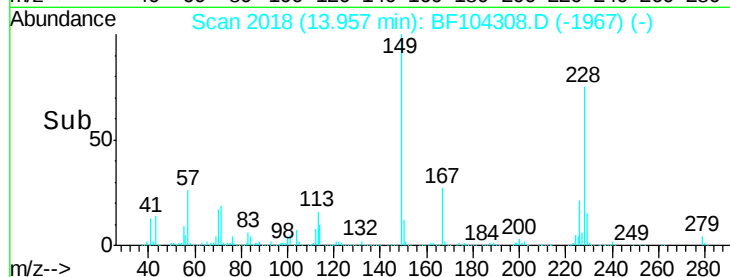
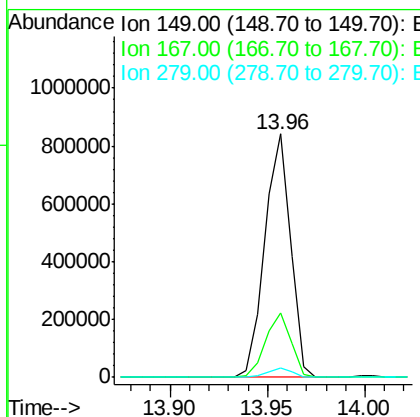
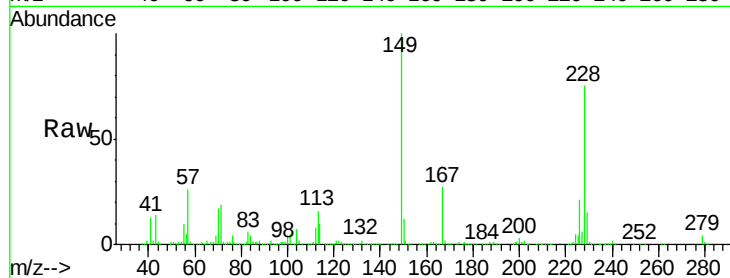
ClientSampled :

PB107966BS

Tot Ion:	149	Resp:	771402
Ion Ratio	Lower	Upper	
149	100		
167	26.6	21.3	31.9
279	3.6	3.0	4.4

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#84

Di-n-octyl phthalate

Concen: 44.557 ng

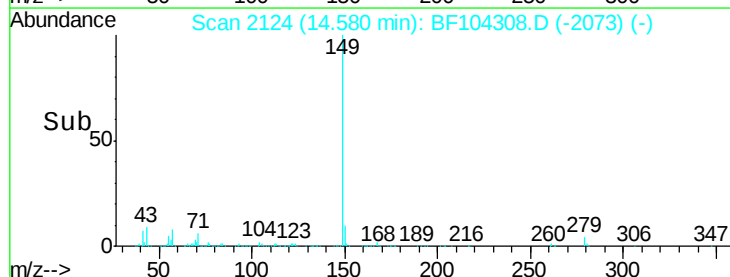
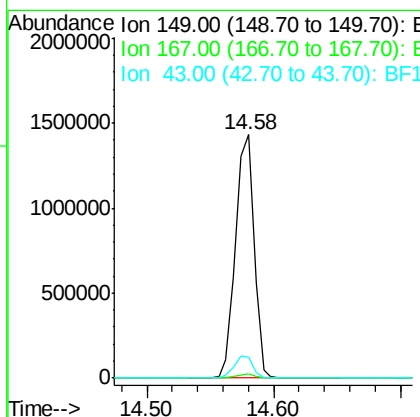
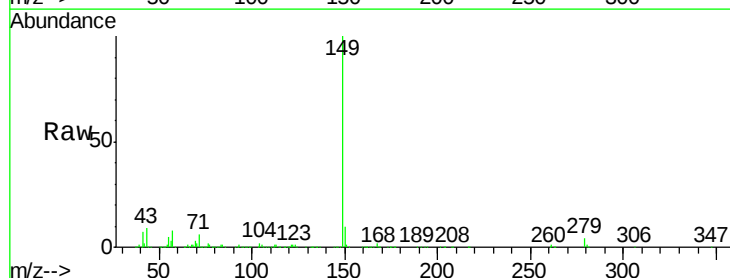
RT: 14.58 min Scan# 2124

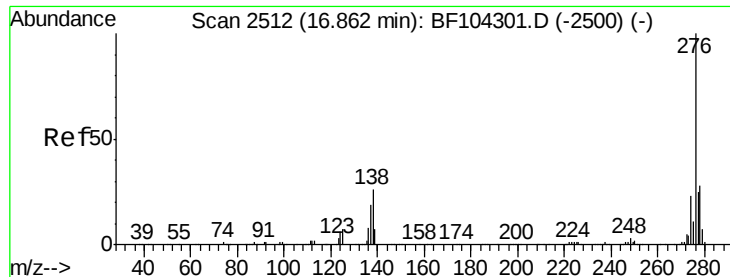
Delta R.T. 0.00 min

Lab File: BF104308.D

Acq: 6 Apr 2018 16:09

Tgt Ion:	149	Resp:	1439236
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	9.2	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.900 ng

RT: 16.86 min Scan# 2512

Delta R.T. 0.00 min

Lab File: BF104308.D

Acq: 6 Apr 2018 16:09

Instrument :

BNA_F

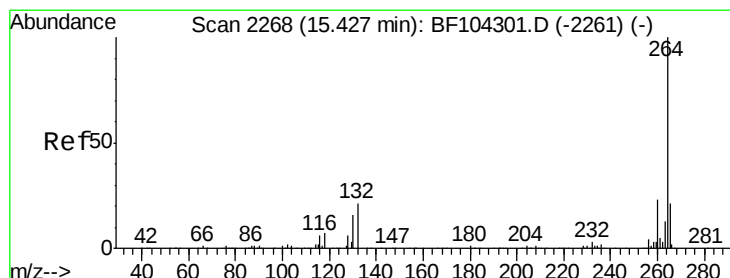
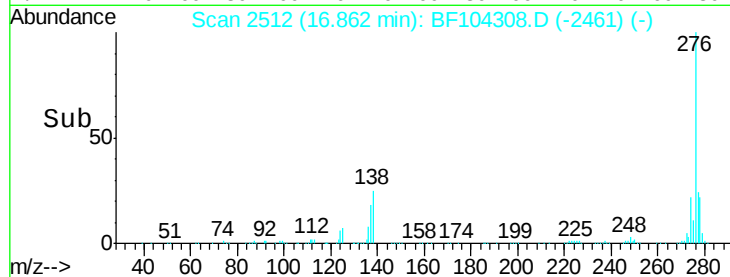
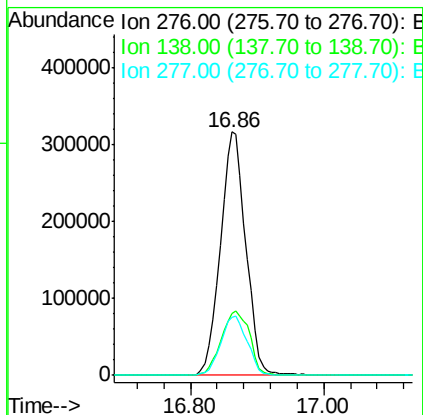
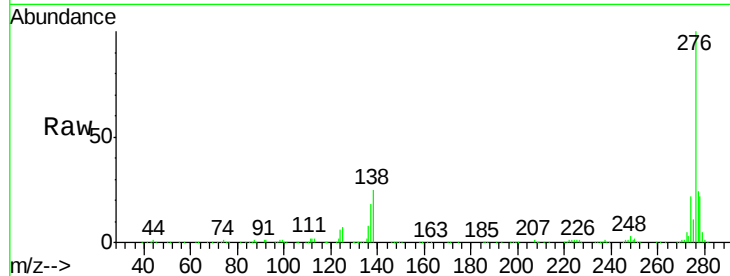
ClientSampleId :

PB107966BS

Tot Ion:	276	Resp:	850289
Ion Ratio	Lower	Upper	
276	100		
138	29.6	25.0	37.6
277	25.4	20.1	30.1

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#86

Perylene-d12

Concen: 20.000 ng

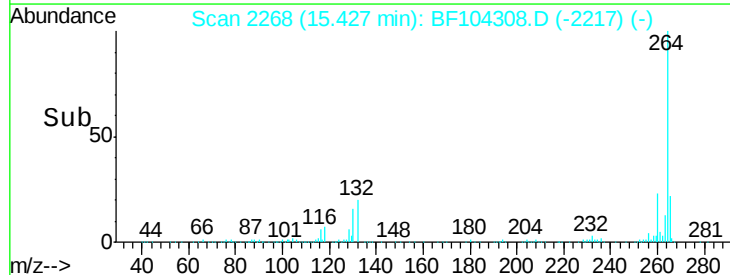
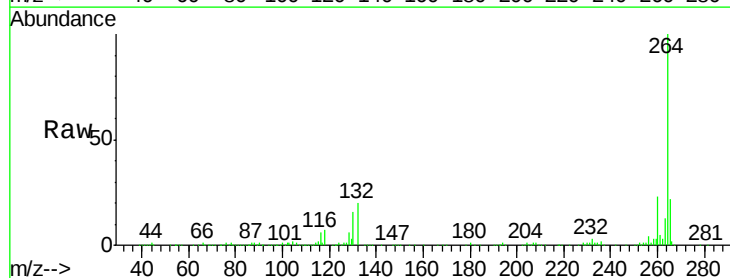
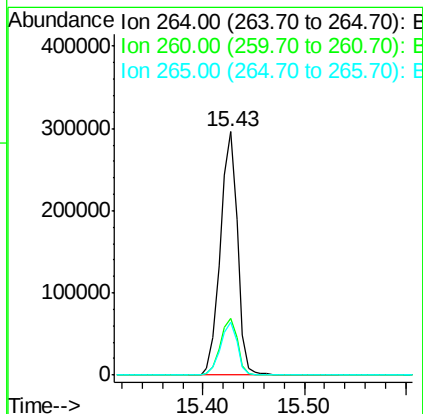
RT: 15.43 min Scan# 2268

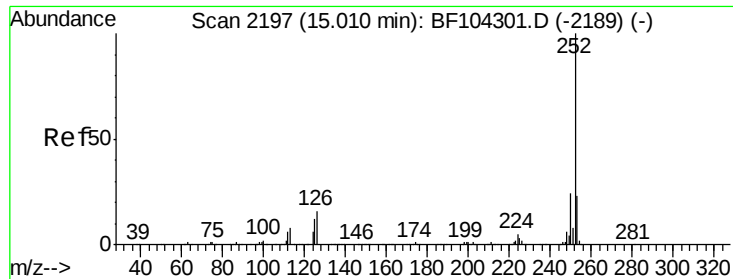
Delta R.T. 0.00 min

Lab File: BF104308.D

Acq: 6 Apr 2018 16:09

Tgt Ion:	264	Resp:	347918
Ion Ratio	Lower	Upper	
264	100		
260	23.3	19.2	28.8
265	21.6	17.5	26.3





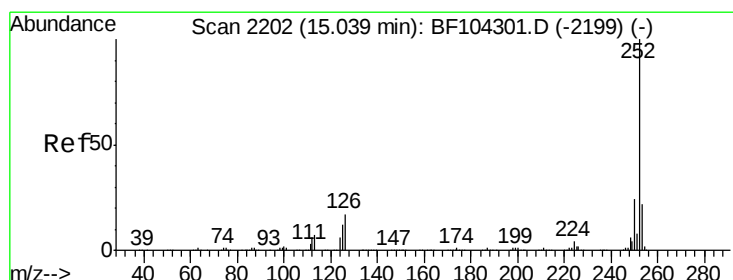
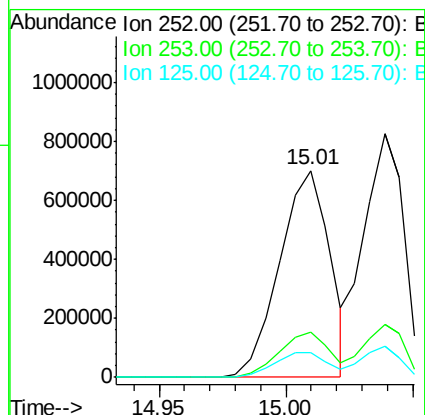
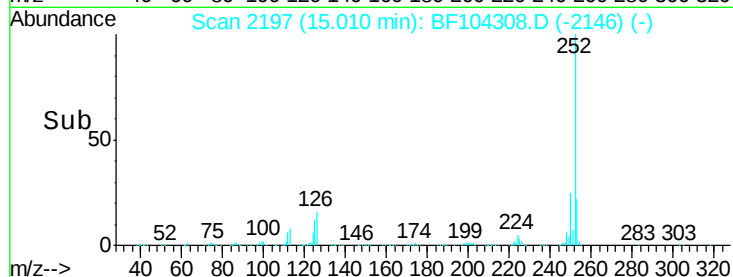
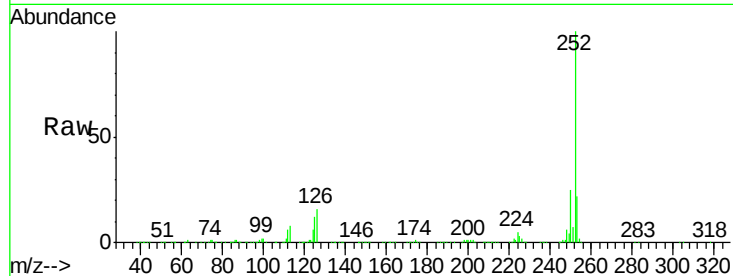
#87
Benzo(b)fluoranthene
Concen: 43.979 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Instrument :
BNA_F
ClientSampleId :
PB107966BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	12.1	9.0	13.6

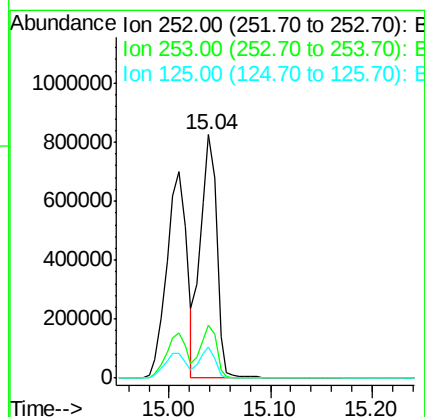
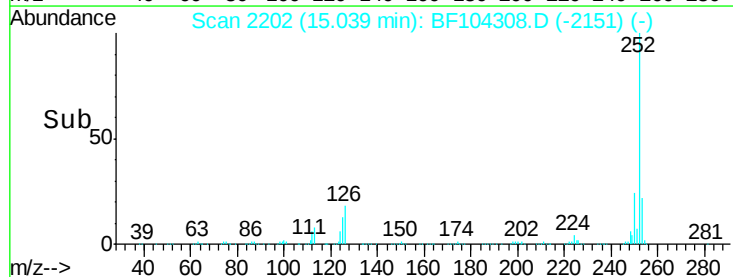
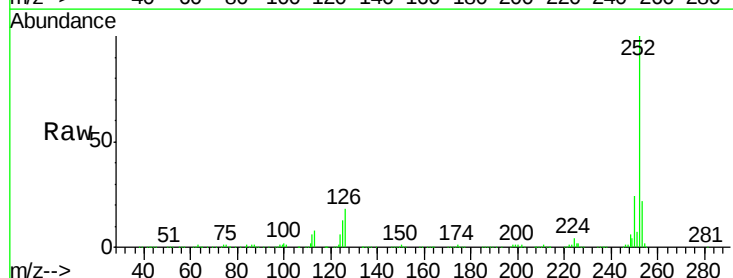
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#88
Benzo(k)fluoranthene
Concen: 44.475 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	12.6	10.2	15.2





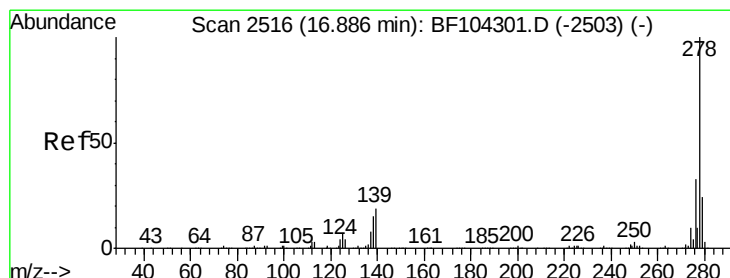
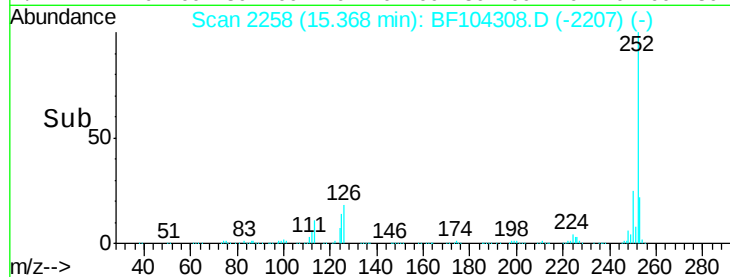
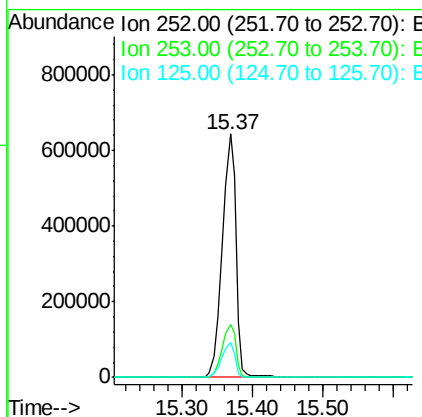
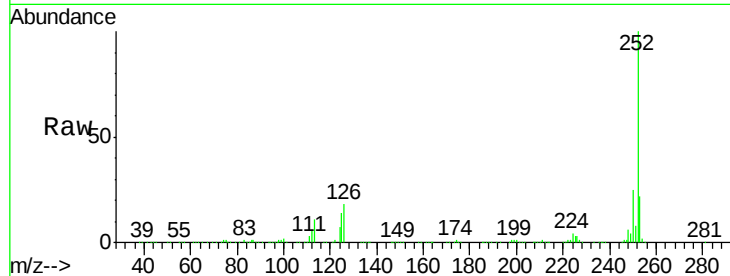
#89
Benzo(a)pyrene
Concen: 44.205 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Instrument :
BNA_F
ClientSampleId :
PB107966BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	14.4	9.8	14.6

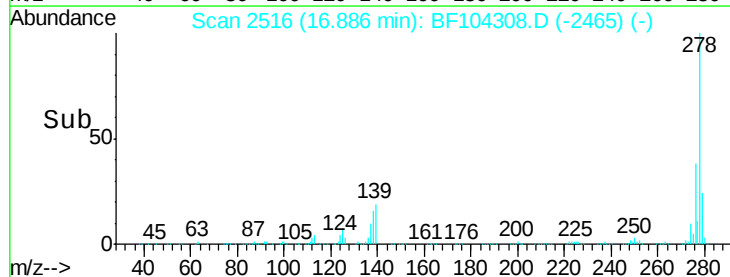
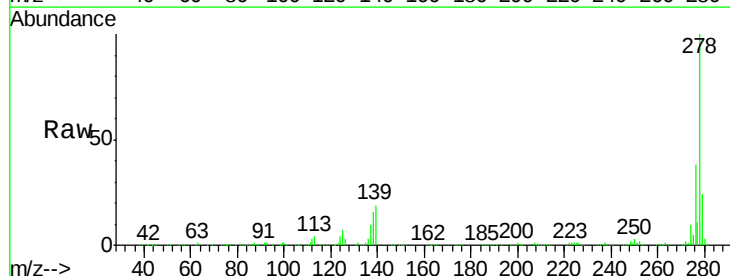
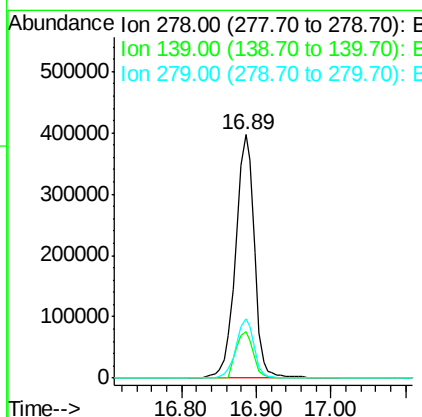
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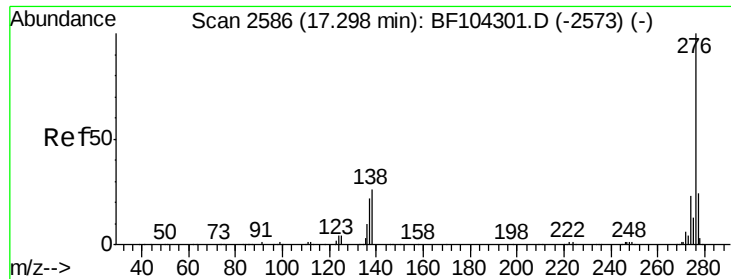
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#90
Dibenzo(a,h)anthracene
Concen: 43.162 ng
RT: 16.89 min Scan# 2516
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.3	15.9	23.9
279	24.3	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 45.636 ng
 RT: 17.30 min Scan# 2587
 Delta R.T. 0.01 min
 Lab File: BF104308.D
 Acq: 6 Apr 2018 16:09

Instrument :
 BNA_F
 ClientSampleId :
 PB107966BS

Tot Ion:	276	Resp:	713945
Ion Ratio	Lower	Upper	
276	100		
277	24.0	17.9	26.9
138	27.5	21.8	32.8

Manual Integrations
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