

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
 Data File : BF104803.D
 Acq On : 25 Apr 2018 21:41
 Operator : JU/SJ
 Sample : PB108602BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108602BS

Manual Integrations
 APPROVED

Sohil
 4/26/2018 6:14:49 PM

Quant Time: Apr 26 12:27:09 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 14:01:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	102859	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	417774	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	180820	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	271098	20.00	ng	0.00
75) Chrysene-d12	13.99	240	180968	20.00	ng	0.00
86) Perylene-d12	15.45	264	144014	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	711993	105.84	ng	0.01
7) Phenol-d6	6.45	99	863972	104.53	ng	0.00
23) Nitrobenzene-d5	7.37	82	539384	84.31	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	194692	103.80	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1002329	87.57	ng	0.00
78) Terphenyl-d14	12.92	244	699319	88.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	89232	28.468	ng	87
3) Pyridine	3.33	79	254695	28.901	ng	# 85
4) n-Nitrosodimethylamine	3.29	42	101767	33.035	ng	83
6) Aniline	6.46	93	204366	17.797	ng	# 1
8) 2-Chlorophenol	6.59	128	271512	38.241	ng	94
9) Benzaldehyde	6.35	77	107571	22.096	ng	96
10) Phenol	6.46	94	312592	35.644	ng	83
11) bis(2-Chloroethyl)ether	6.54	93	242712	34.682	ng	94
12) 1,3-Dichlorobenzene	6.74	146	284424	35.360	ng	98
13) 1,4-Dichlorobenzene	6.82	146	292204	36.443	ng	98
14) 1,2-Dichlorobenzene	6.97	146	271519	36.542	ng	99
15) Benzyl Alcohol	6.95	79	218488	34.804	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	284604	30.282	ng	50
17) 2-Methylphenol	7.07	107	214983	34.833	ng	# 90
18) Hexachloroethane	7.31	117	79647	27.860	ng	99
19) n-Nitroso-di-n-propylamine	7.22	70	175657	32.523	ng	96
20) 3+4-Methylphenols	7.22	107	274614	35.876	ng	# 88
22) Acetophenone	7.22	105	362425	35.237	ng	# 99
24) Nitrobenzene	7.39	77	269602	38.167	ng	95
25) Isophorone	7.63	82	485180	35.861	ng	99
26) 2-Nitrophenol	7.70	139	137882	47.948	ng	95
27) 2,4-Dimethylphenol	7.75	122	231643	38.795	ng	97
28) bis(2-Chloroethoxy)methane	7.83	93	312328	37.757	ng	99
29) 2,4-Dichlorophenol	7.95	162	220471	38.698	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	232788	37.232	ng	98
31) Naphthalene	8.11	128	757998	36.437	ng	99
32) Benzoic acid	7.87	122	100889	21.177	ng	97
33) 4-Chloroaniline	8.16	127	106378	11.936	ng	93
34) Hexachlorobutadiene	8.22	225	126880	37.049	ng	99
35) Caprolactam	8.54	113	68322m	34.377	ng	
36) 4-Chloro-3-methylphenol	8.66	107	231987	37.975	ng	98
37) 2-Methylnaphthalene	8.80	142	502997	37.380	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	216454	41.818	ng	99
40) Hexachlorocyclopentadiene	8.95	237	20037	6.915	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	146076	40.654	nq	99
43) 2,4,5-Trichlorophenol	9.13	196	153874	38.269	nq	96
45) 1,1'-Biphenyl	9.26	154	588882	38.767	nq	99
46) 2-Chloronaphthalene	9.29	162	456660	38.060	nq	99
47) 2-Nitroaniline	9.39	65	136232	45.913	nq	98
48) Acenaphthylene	9.71	152	660196	35.070	nq	100
49) Dimethylphthalate	9.56	163	561295	39.364	nq	100
50) 2,6-Dinitrotoluene	9.63	165	114270	43.309	nq	97
51) Acenaphthene	9.88	154	389566	33.917	nq	99
52) 3-Nitroaniline	9.80	138	87190	28.227	nq	98
53) 2,4-Dinitrophenol	9.92	184	19358	27.863	nq #	23
54) Dibenzofuran	10.05	168	578803	36.160	nq	96
55) 4-Nitrophenol	9.99	139	156005	64.295	nq	94
56) 2,4-Dinitrotoluene	10.05	165	136190	39.351	nq #	97
57) Fluorene	10.40	166	455206	39.071	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	106189	35.399	nq	97
59) Diethylphthalate	10.26	149	525404	36.998	nq	99
60) 4-Chlorophenyl-phenylether	10.39	204	217470	41.913	nq	96
61) 4-Nitroaniline	10.42	138	98021	32.455	nq	97
62) Azobenzene	10.55	77	443743	32.706	nq	96
64) 4,6-Dinitro-2-methylphenol	10.46	198	19344	19.756	nq #	76
65) n-Nitrosodiphenylamine	10.50	169	405784	43.170	nq	100
66) 4-Bromophenyl-phenylether	10.87	248	127423	44.189	nq	94
67) Hexachlorobenzene	10.95	284	129191	39.816	nq	92
68) Atrazine	11.03	200	125443	44.213	nq	99
69) Pentachlorophenol	11.15	266	96638	48.143	nq	98
70) Phenanthrene	11.36	178	561604	37.199	nq	98
71) Anthracene	11.41	178	571994	37.272	nq	99
72) Carbazole	11.57	167	503317	33.563	nq	99
73) Di-n-butylphthalate	11.89	149	719449	39.274	nq	99
74) Fluoranthene	12.55	202	495972	31.443	nq	98
76) Benzidine	12.68	184	388858	86.218	nq	98
77) Pyrene	12.78	202	484960	36.153	nq	99
79) Butylbenzylphthalate	13.39	149	232293	36.758	nq	99
80) Benzo(a)anthracene	13.97	228	430198	39.792	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	154448	38.315	nq	100
82) Chrysene	14.01	228	409903	36.912	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	316265	38.908	nq	99
84) Di-n-octyl phthalate	14.57	149	531046	39.099	nq	95
85) Indeno(1,2,3-cd)pyrene	16.92	276	302376	32.054	nq	94
87) Benzo(b)fluoranthene	15.03	252	363747	39.991	nq	99
88) Benzo(k)fluoranthene	15.06	252	349199	40.665	nq #	97
89) Benzo(a)pyrene	15.39	252	315276	38.739	nq	98
90) Dibenzo(a,h)anthracene	16.93	278	256607	38.391	nq	96
91) Benzo(g,h,i)perylene	17.36	276	240062	37.071	nq #	93

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

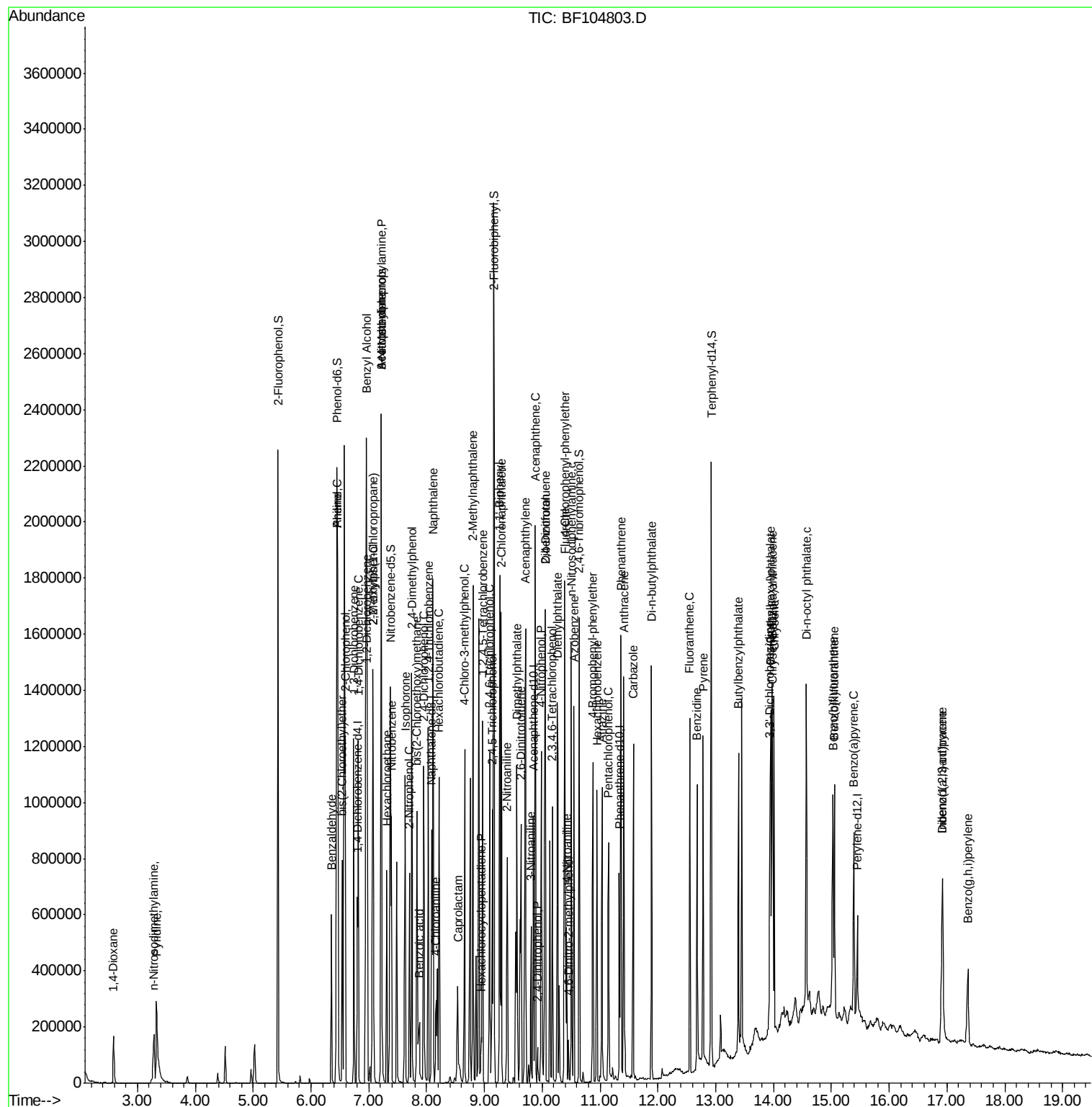
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
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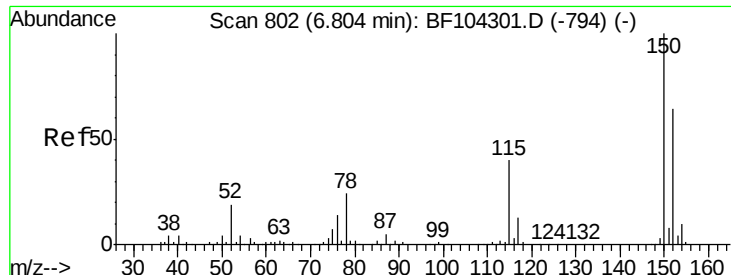
Instrument :
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ClientSampleId :
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#1

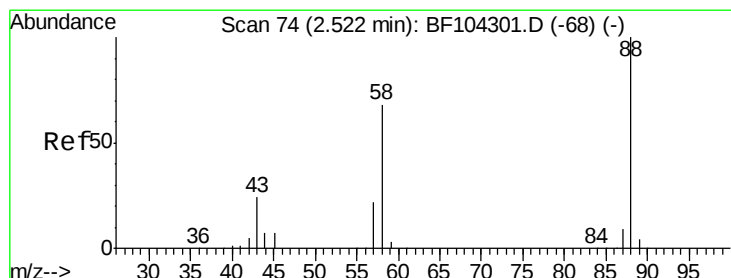
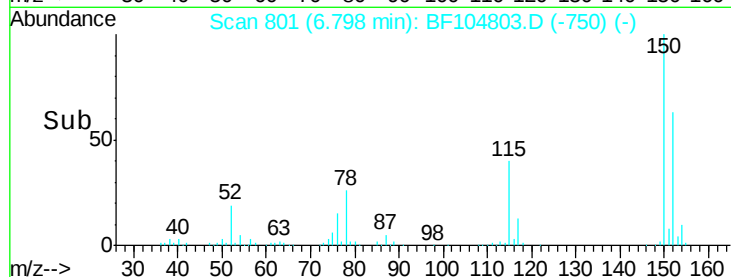
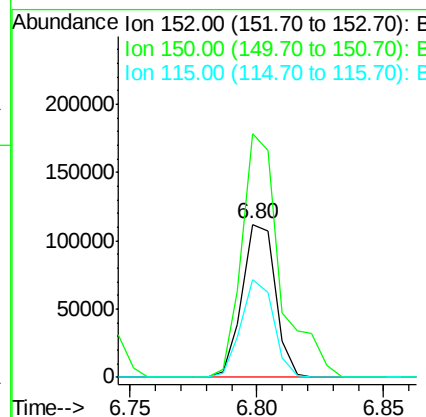
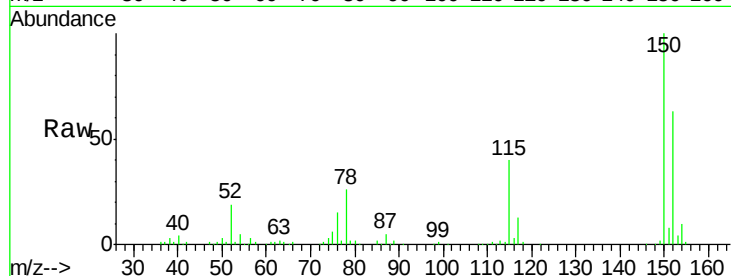
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF104803.D
Acq: 25 Apr 2018 21:41

Instrument :
BNA_F
ClientSampleId :
PB108602BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.6	186.8
115	63.7	50.1	75.1

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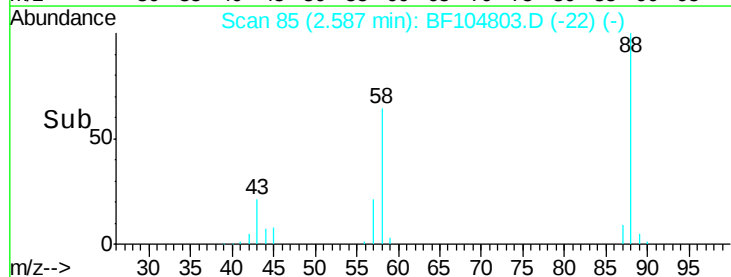
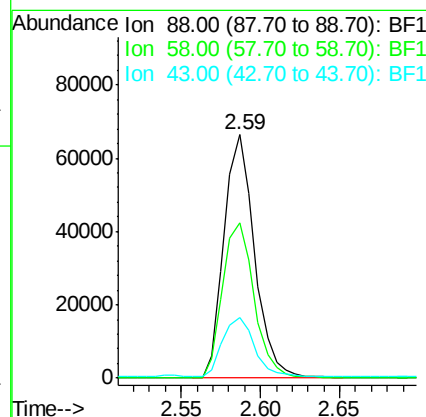
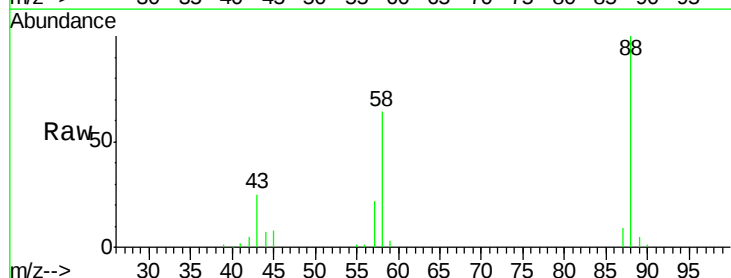
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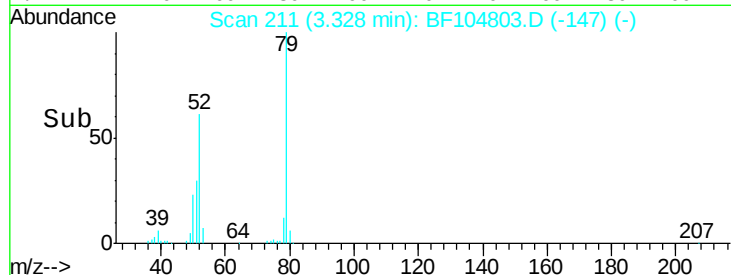
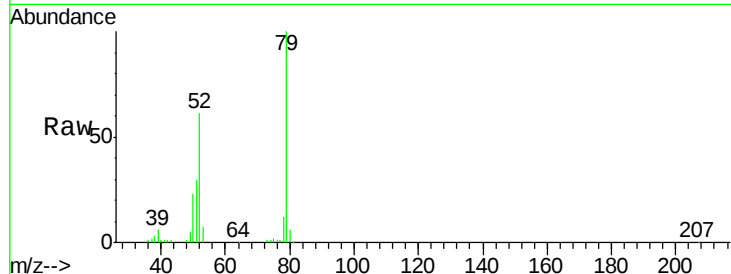
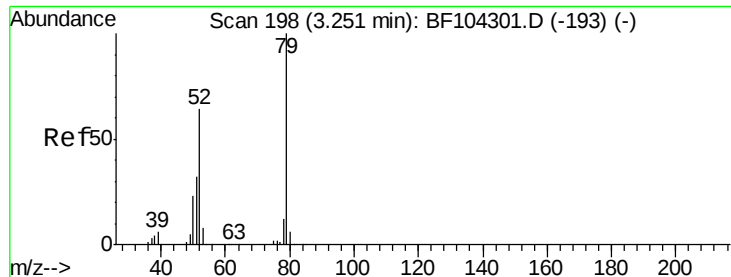


#2

1,4-Dioxane
Concen: 28.468 ng
RT: 2.59 min Scan# 85
Delta R.T. 0.07 min
Lab File: BF104803.D
Acq: 25 Apr 2018 21:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.0	62.6	93.8
43	25.3	24.6	37.0





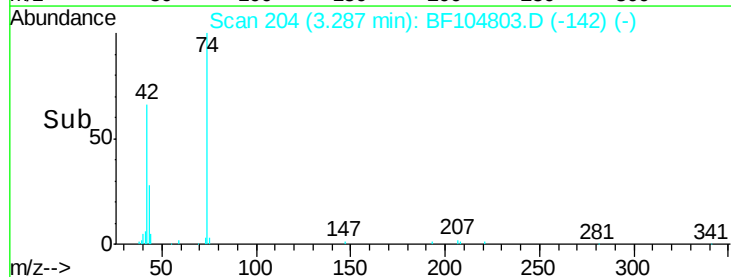
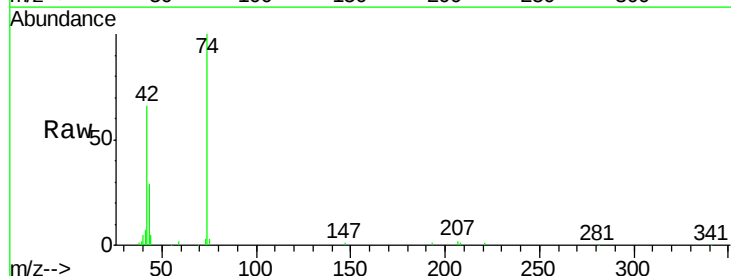
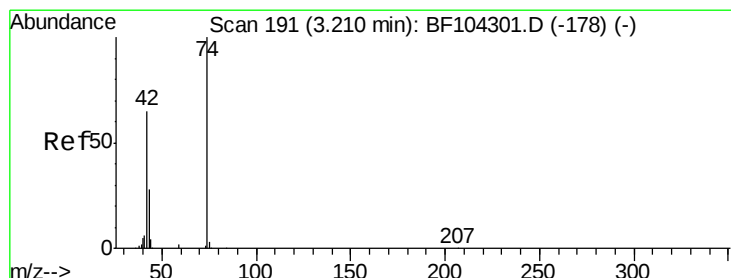
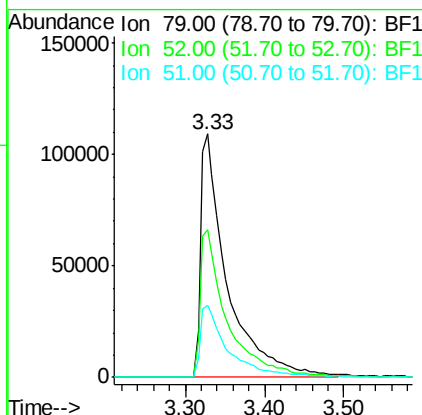
#3
 Pvridine
 Concen: 28.901 ng
 RT: 3.33 min Scan# 211
 Delta R.T. 0.08 min
 Lab File: BF104803.D
 Acq: 25 Apr 2018 21:41

Tot Ion	Ratio	Lower	Upper
79	100		
52	60.6	59.8	89.6
51	29.6	29.8	44.8#

Instrument :
 BNA_F
 ClientSampleId :
 PB108602BS

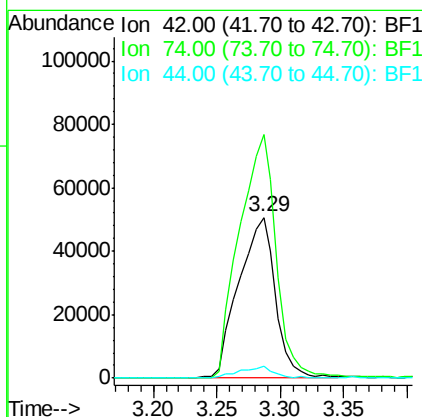
Manual Integrations
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#4
 n-Nitrosodimethylamine
 Concen: 33.035 ng
 RT: 3.29 min Scan# 204
 Delta R.T. 0.06 min
 Lab File: BF104803.D
 Acq: 25 Apr 2018 21:41

Tgt Ion	Ratio	Lower	Upper
42	100		
74	151.6	104.9	157.3
44	7.2	6.9	10.3





#5

2-Fluorophenol

Concen: 105.842 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

Instrument :

BNA_F

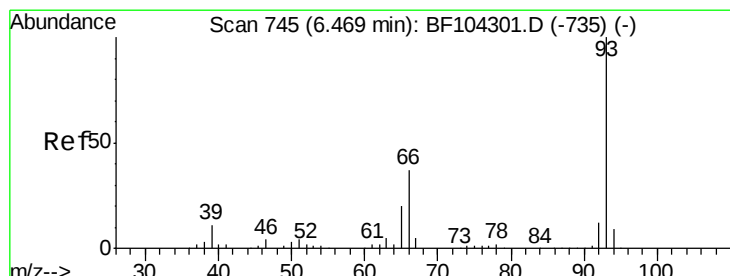
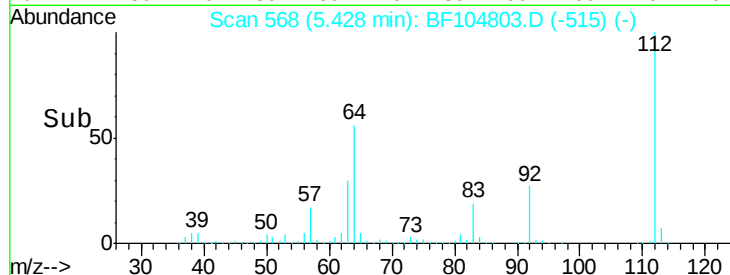
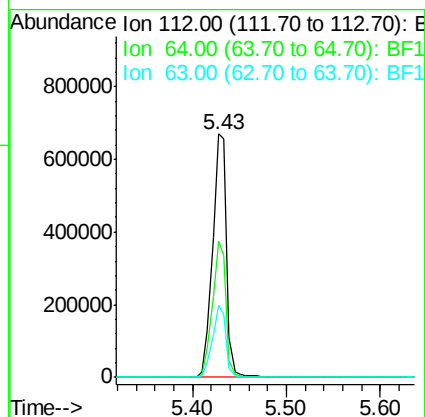
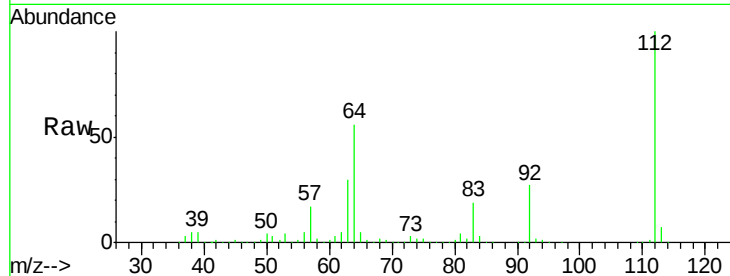
ClientSampled :

PB108602BS

Tot Ion:	112	Resp:	711993
Ion Ratio	Lower	Upper	
112	100		
64	56.0	47.9	71.9
63	29.8	23.7	35.5

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#6

Aniline

Concen: 17.797 ng

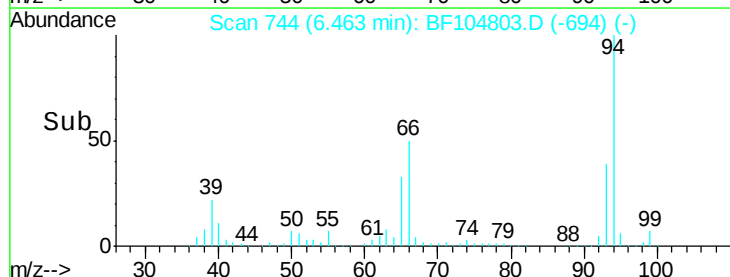
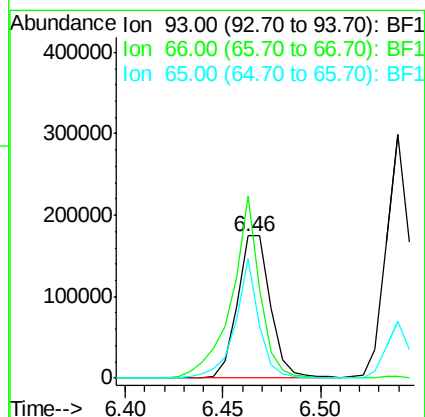
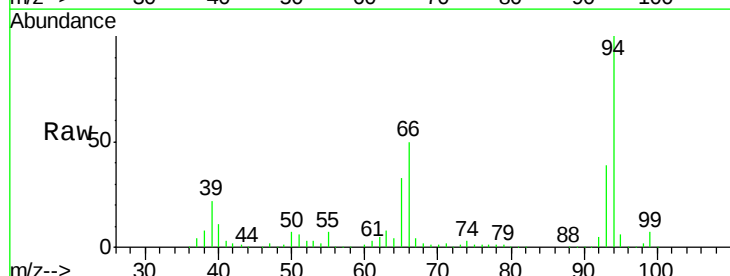
RT: 6.46 min Scan# 744

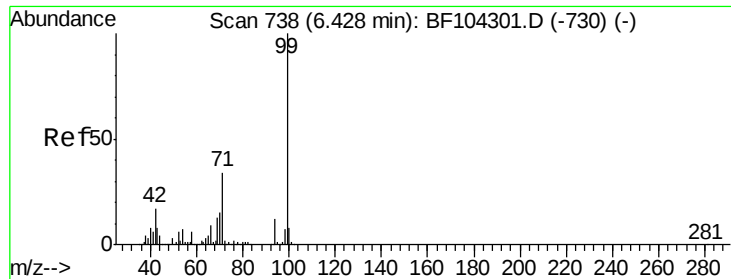
Delta R.T. -0.01 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

Tgt Ion:	93	Resp:	204366
Ion Ratio	Lower	Upper	
93	100		
66	128.3	32.2	48.2#
65	84.2	16.4	24.6#





#7

Phenol-d6

Concen: 104.531 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

Instrument :

BNA_F

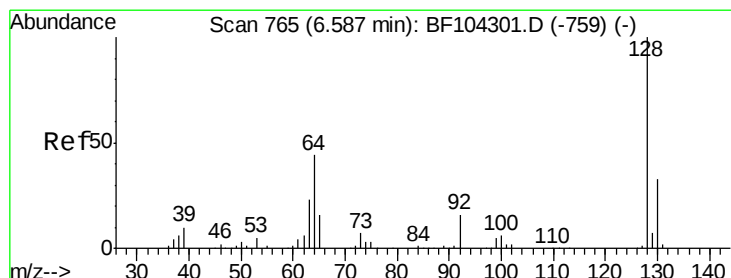
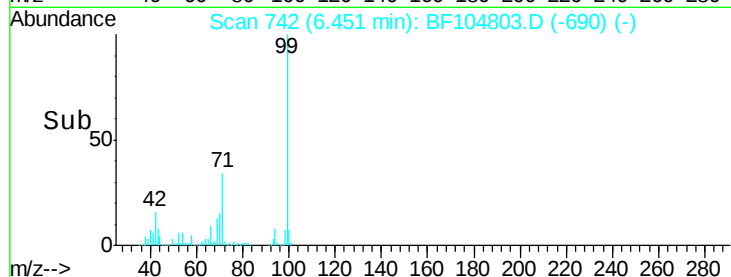
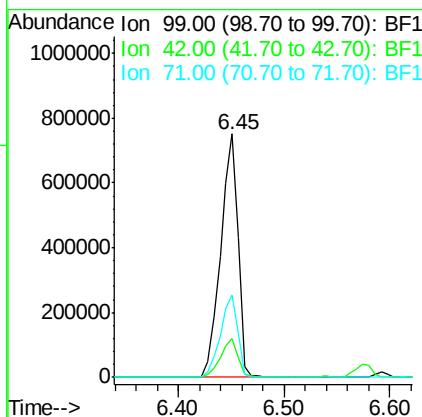
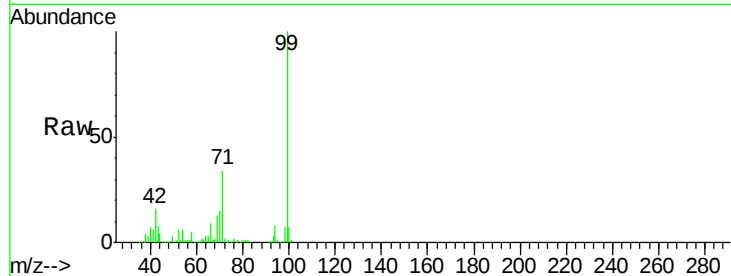
ClientSampleId :

PB108602BS

Tot Ion:	99	Resp:	863972
Ion Ratio	Lower	Upper	
99	100		
42	16.0	14.5	21.7
71	33.9	25.4	38.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 38.241 ng

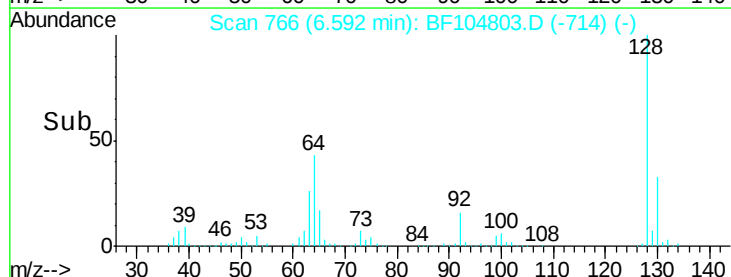
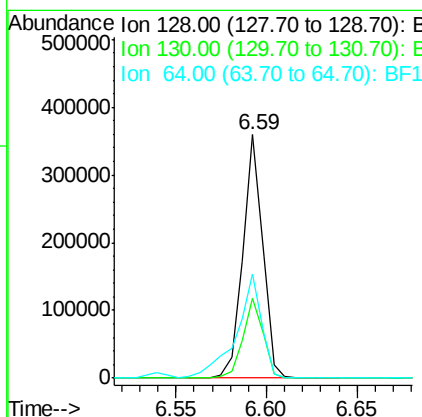
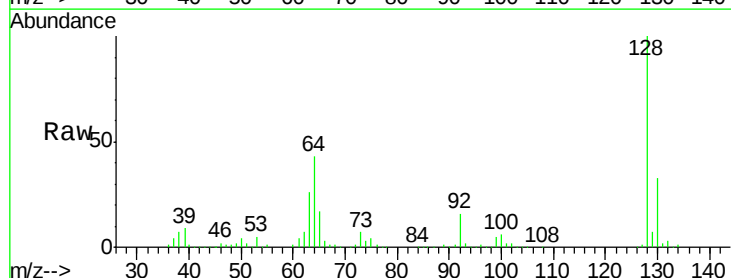
RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

Tgt Ion:	128	Resp:	271512
Ion Ratio	Lower	Upper	
128	100		
130	32.9	13.0	53.0
64	42.7	29.4	69.4





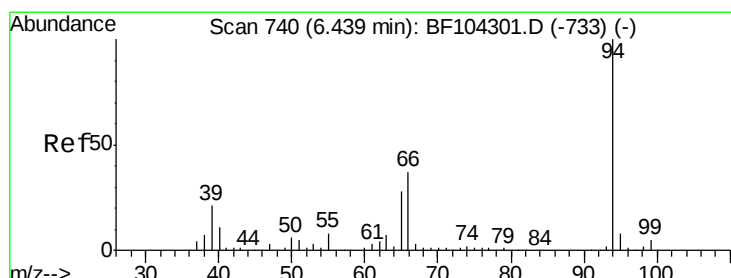
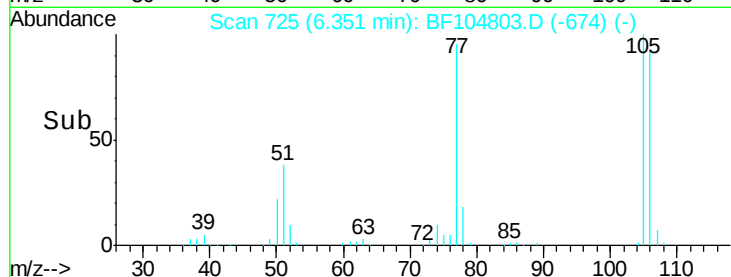
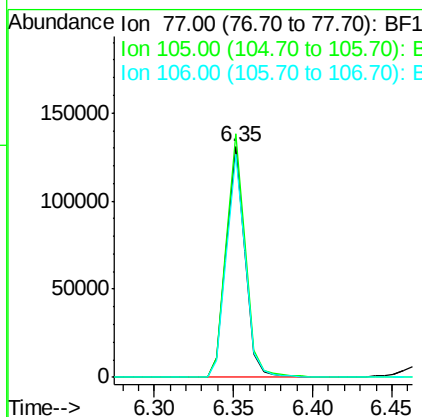
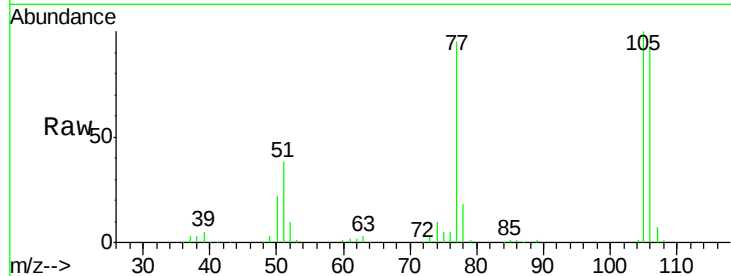
#9
Benzaldehyde
Concen: 22.096 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.00 min
Lab File: BF104803.D
Acq: 25 Apr 2018 21:41

Instrument :
BNA_F
ClientSampleId :
PB108602BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	105.7	81.1	121.1
106	97.0	74.5	114.5

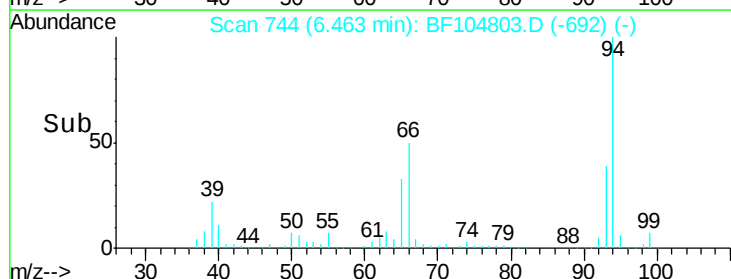
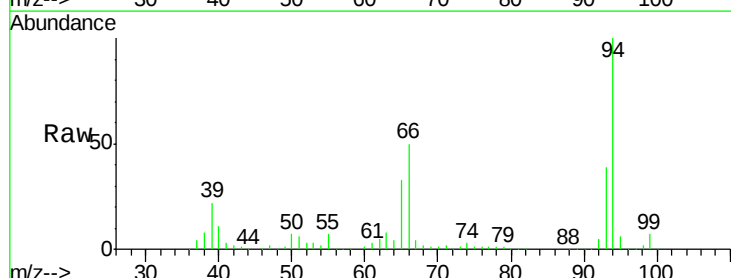
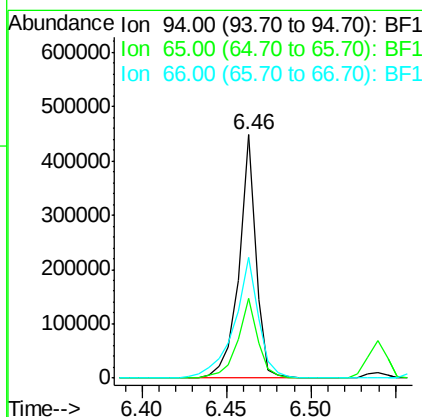
Manual Integrations
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#10
Phenol
Concen: 35.644 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.01 min
Lab File: BF104803.D
Acq: 25 Apr 2018 21:41

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.7	7.9	47.9
66	49.9	16.2	56.2





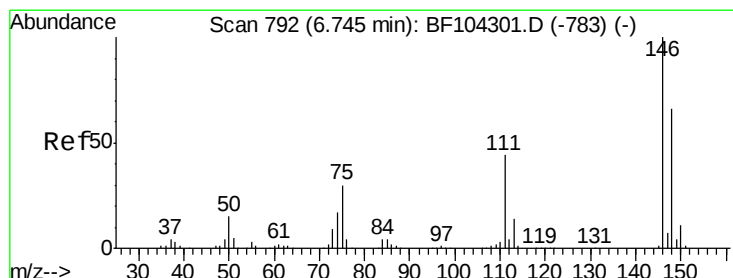
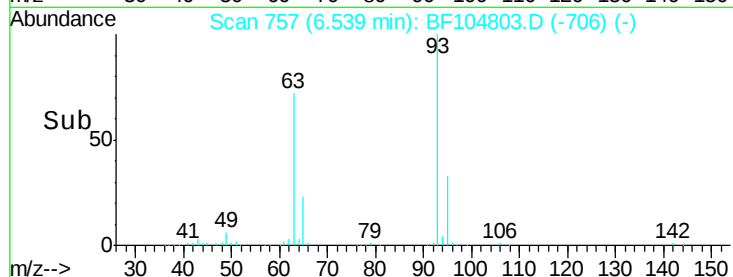
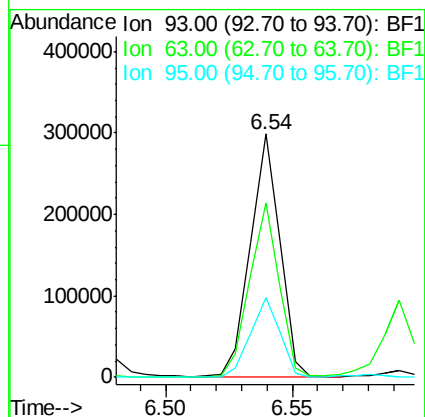
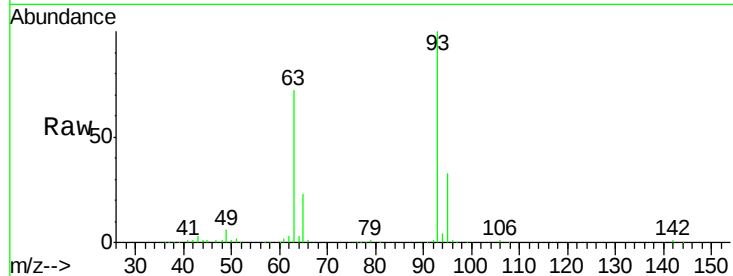
#11
bis(2-Chloroethyl)ether
Concen: 34.682 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF104803.D
Acq: 25 Apr 2018 21:41

Instrument :
BNA_F
ClientSampleId :
PB108602BS

Tot Ion:	93	Resp:	242712
Ion Ratio	Lower	Upper	
93	100		
63	71.5	58.6	98.6
95	32.7	11.8	51.8

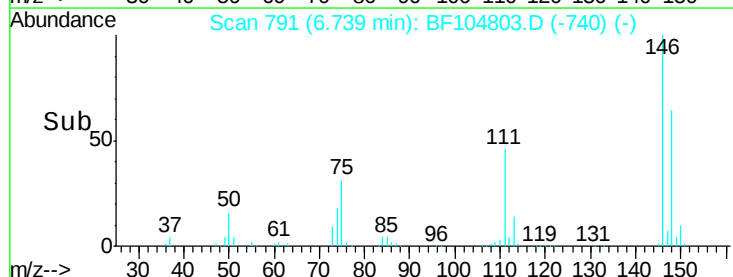
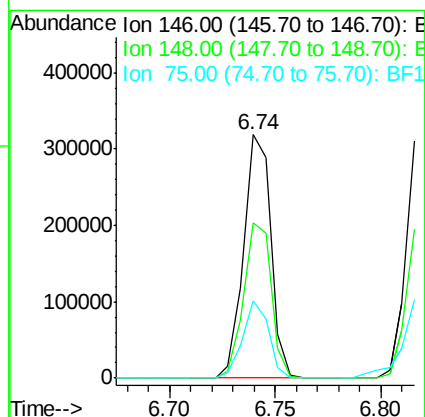
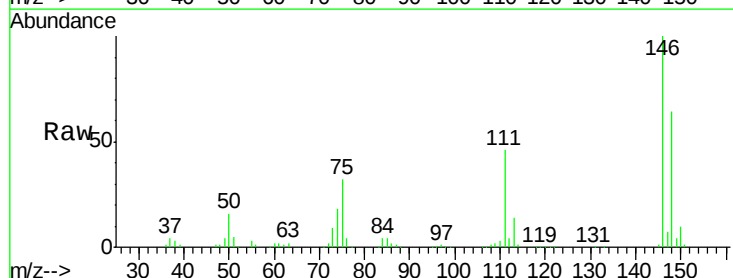
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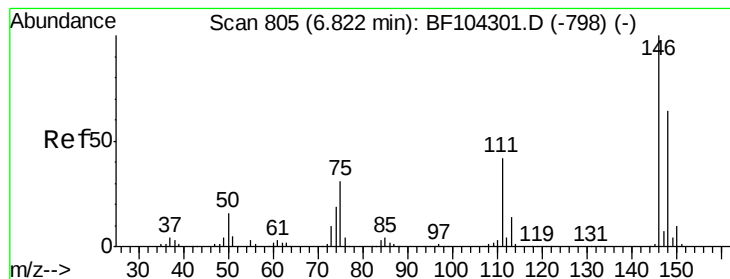
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#12
1,3-Dichlorobenzene
Concen: 35.360 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF104803.D
Acq: 25 Apr 2018 21:41

Tgt Ion:	146	Resp:	284424
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.8	77.8
75	31.5	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 36.443 ng

RT: 6.82 min Scan# 805

Delta R.T. 0.01 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

Instrument :

BNA_F

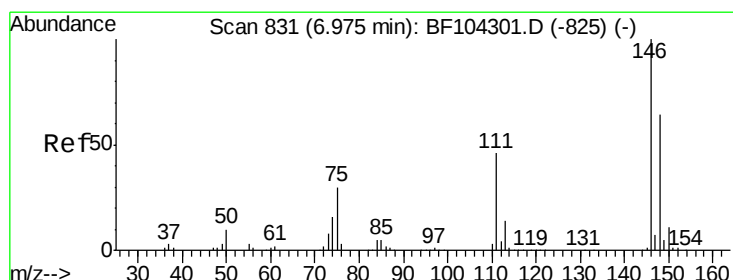
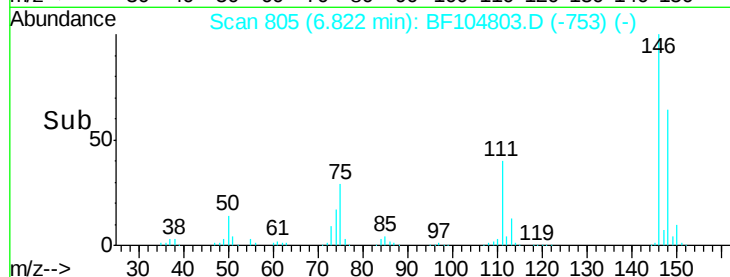
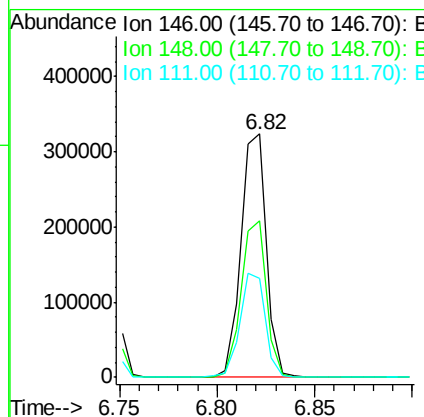
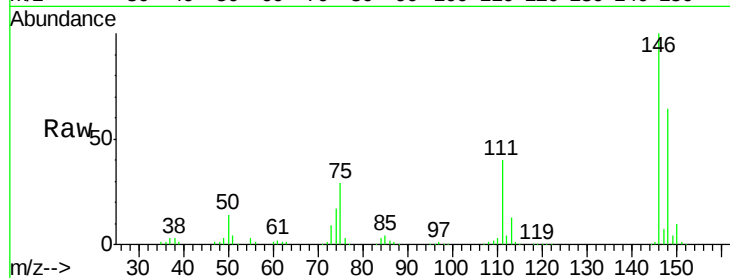
ClientSampleId :

PB108602BS

Tot Ion:	146	Resp:	292204
Ion Ratio	Lower	Upper	
146	100		
148	64.1	50.8	76.2
111	40.4	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 36.542 ng

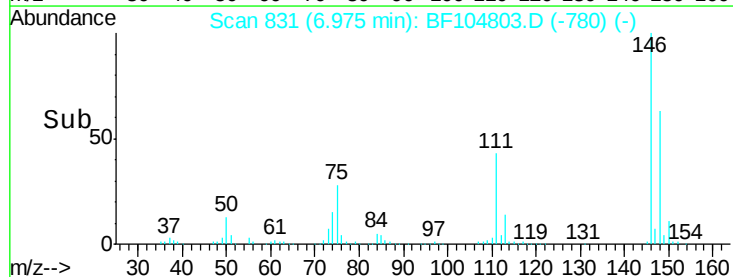
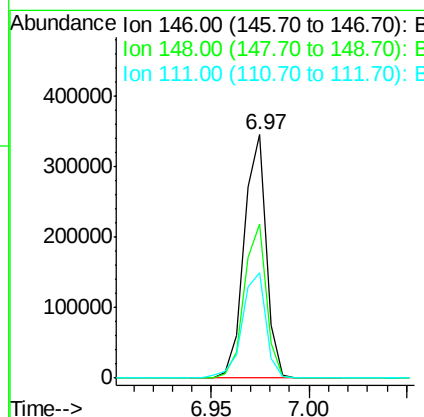
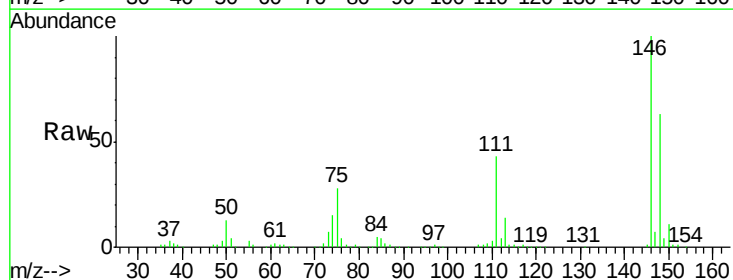
RT: 6.97 min Scan# 831

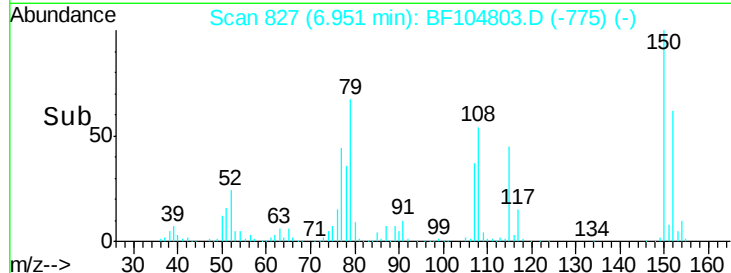
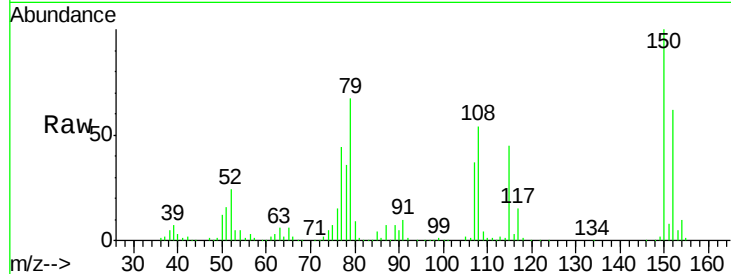
Delta R.T. -0.00 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

Tgt Ion:	146	Resp:	271519
Ion Ratio	Lower	Upper	
146	100		
148	63.5	50.6	75.8
111	43.0	36.0	54.0





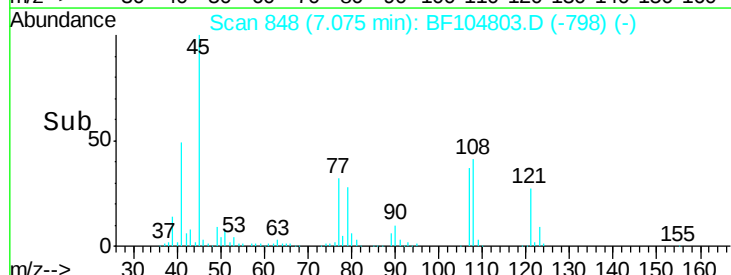
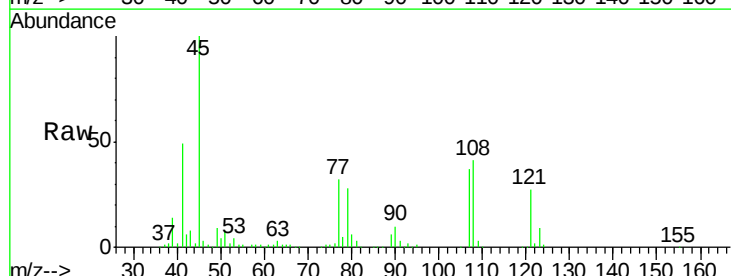
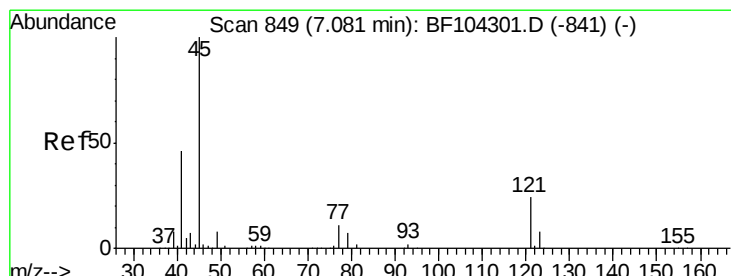
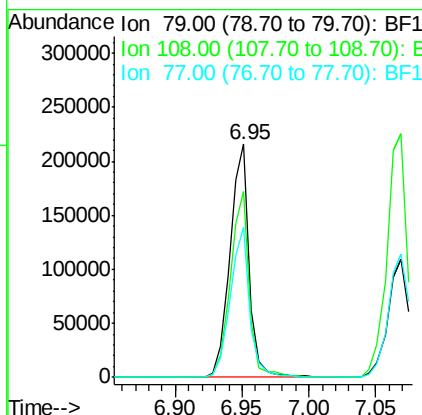
#15
Benzyl Alcohol
Concen: 34.804 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.01 min
Lab File: BF104803.D
Acq: 25 Apr 2018 21:41

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		218488		
108	79.7	65.1		97.7	
77	64.7	50.6		75.8	

Instrument :
BNA_F
ClientSampleId :
PB108602BS

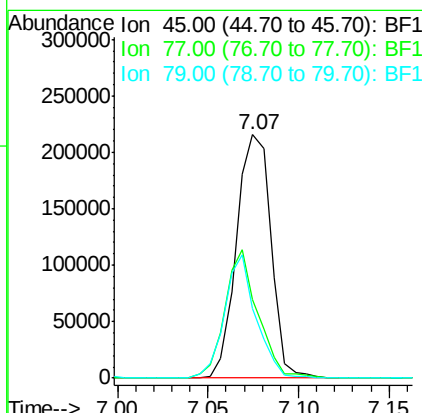
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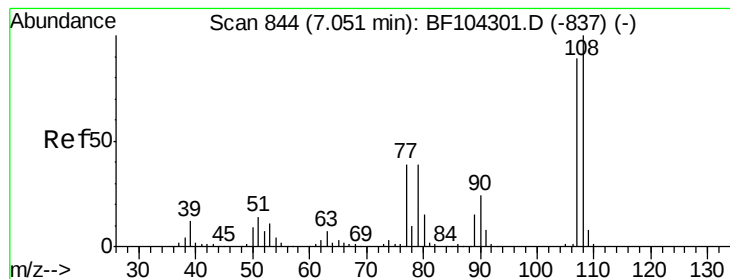
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.282 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF104803.D
Acq: 25 Apr 2018 21:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
45	100		284604		
77	32.4	0.0		32.9	
79	28.5	0.0		29.6	





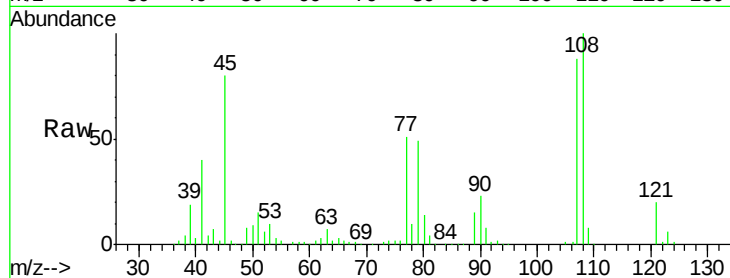
#17
2-Methylphenol
Concen: 34.833 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.01 min
Lab File: BF104803.D
Acq: 25 Apr 2018 21:41

Instrument :
BNA_F
ClientSampleID :
PB108602BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.0	91.7	137.5	
77	57.1	33.8	50.8#	
79	54.9	33.8	50.8#	

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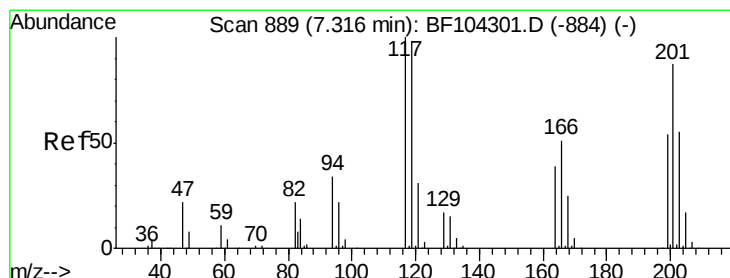
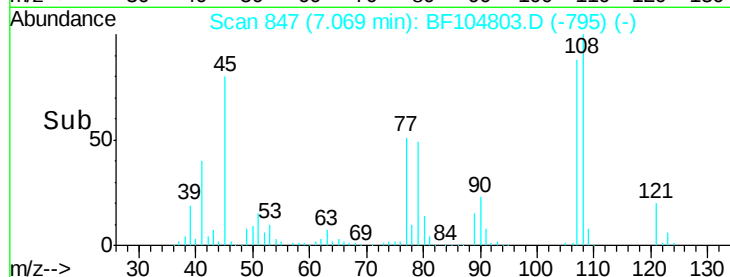
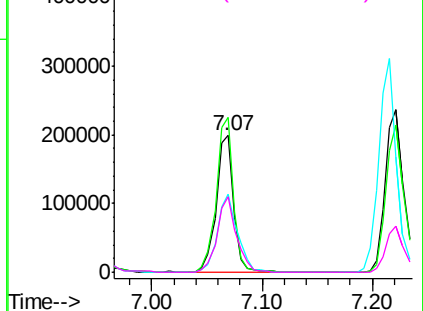
Abundance

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: 27.860 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF104803.D
Acq: 25 Apr 2018 21:41

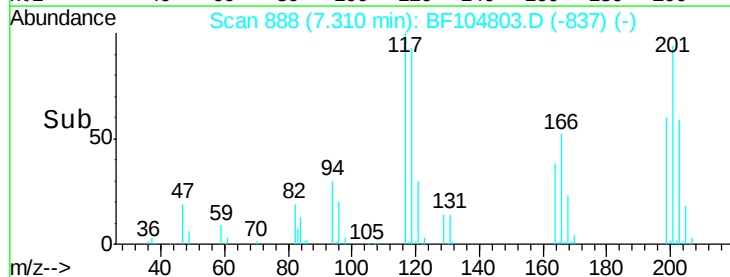
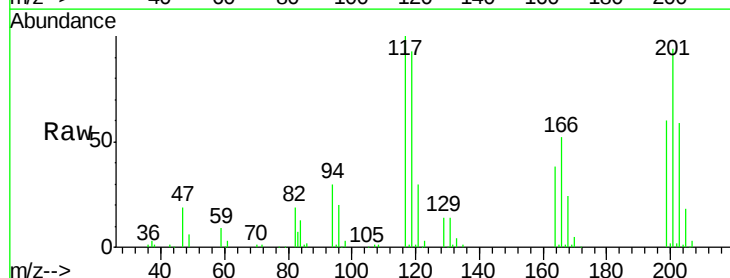
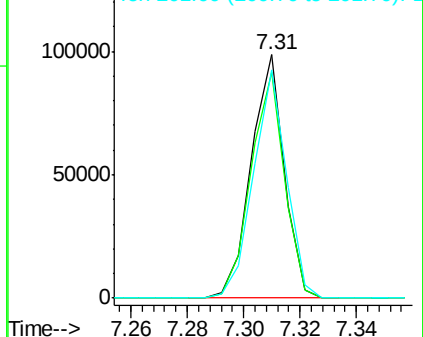
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.9	75.8	113.8	
201	93.7	75.7	113.5	

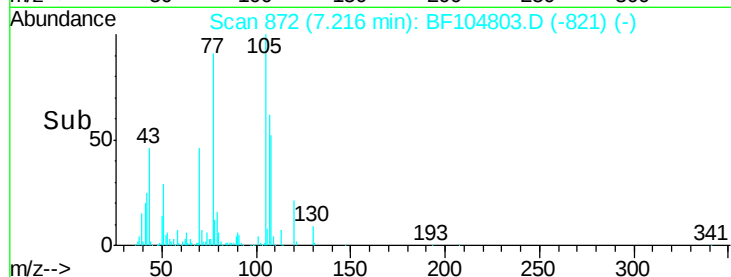
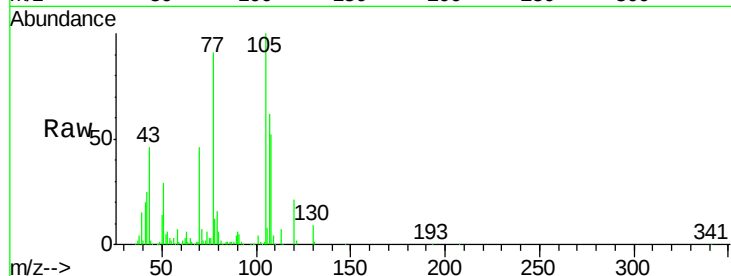
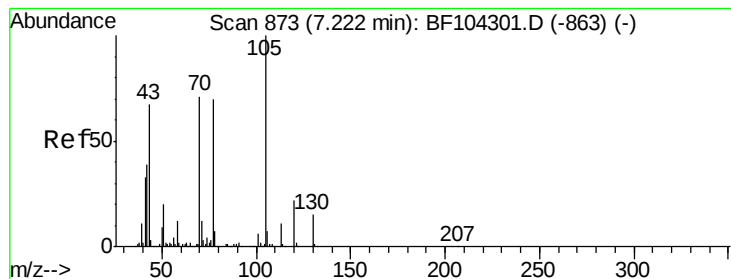
Abundance

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: 32.523 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

Tot Ion	70	Resp	175657
Ion Ratio	Lower	Upper	
70	100		
42	54.7	47.5	71.3
101	9.0	7.4	11.2
130	20.8	16.6	25.0

Instrument :

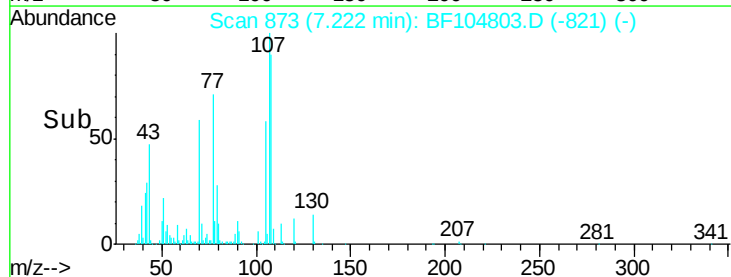
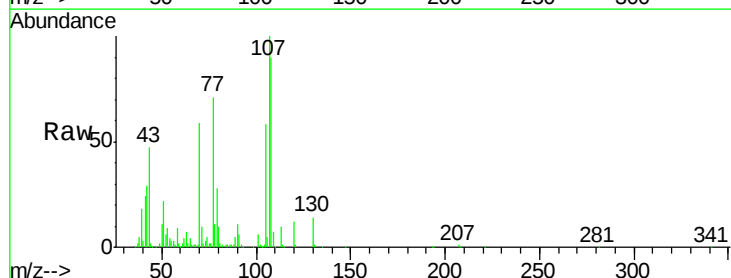
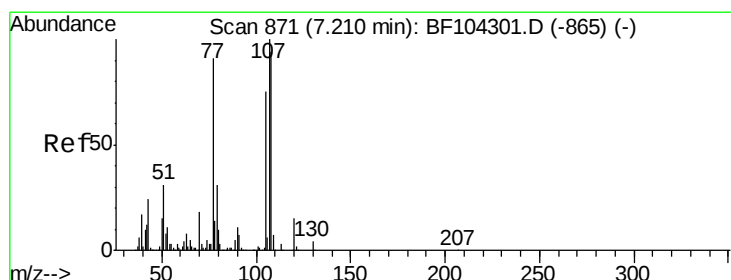
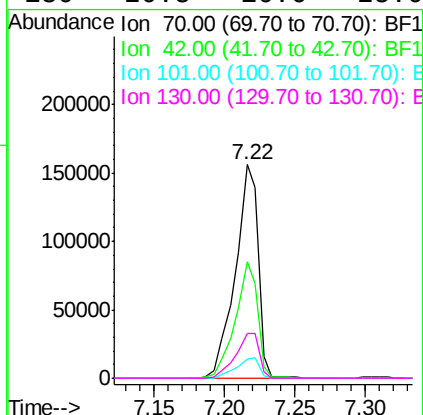
BNA_F

ClientSampleId :

PB108602BS

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#20

3+4-Methylphenols

Concen: 35.876 ng

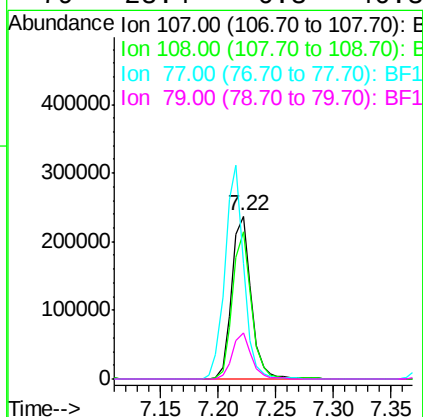
RT: 7.22 min Scan# 873

Delta R.T. 0.01 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

Tgt Ion	107	Resp	274614
Ion Ratio	Lower	Upper	
107	100		
108	90.3	68.2	108.2
77	70.5	26.7	66.7#
79	28.4	6.3	46.3





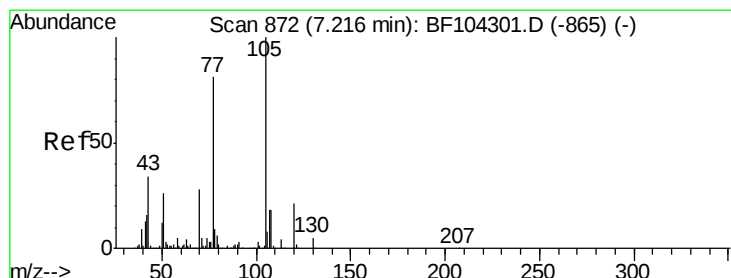
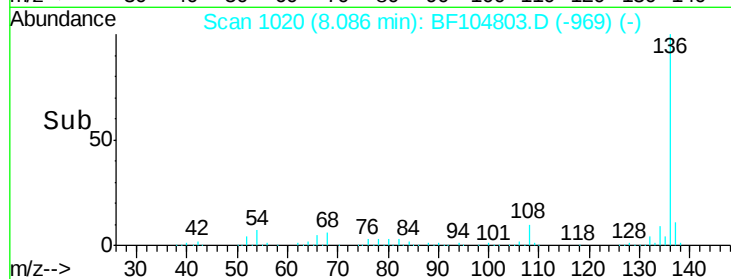
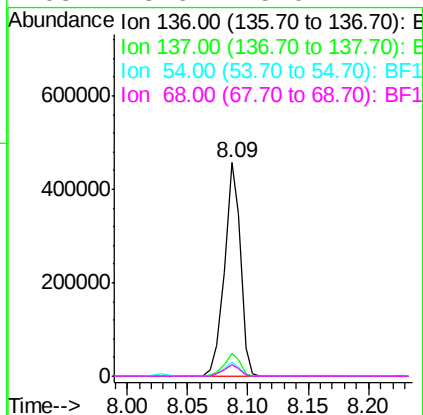
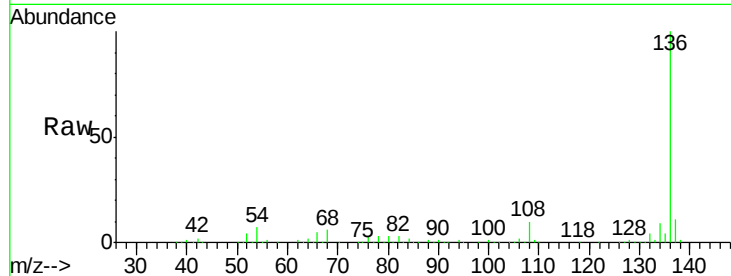
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF104803.D
Acq: 25 Apr 2018 21:41

Instrument :
BNA_F
ClientSampleId :
PB108602BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		417774		
137	10.9		8.9	13.3	
54	6.8		6.6	9.8	
68	5.6		5.0	7.4	

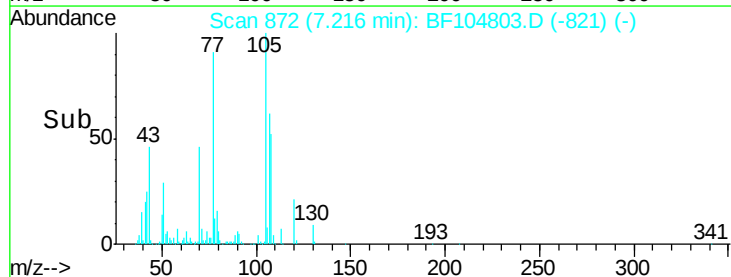
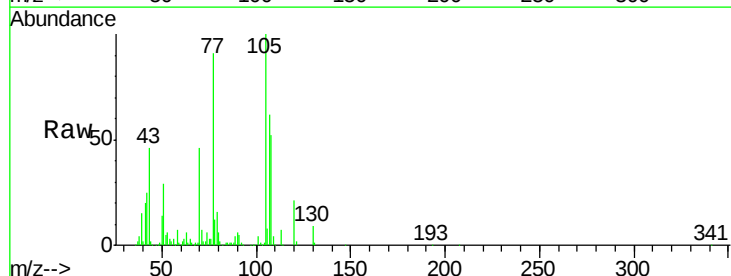
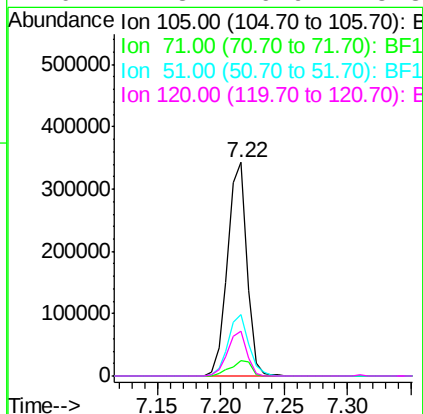
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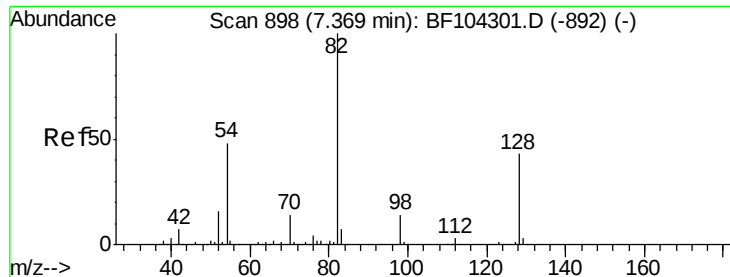
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#22
Acetophenone
Concen: 35.237 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF104803.D
Acq: 25 Apr 2018 21:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		362425		
71	7.3		4.4	6.6#	
51	28.7		22.3	33.5	
120	21.3		16.9	25.3	





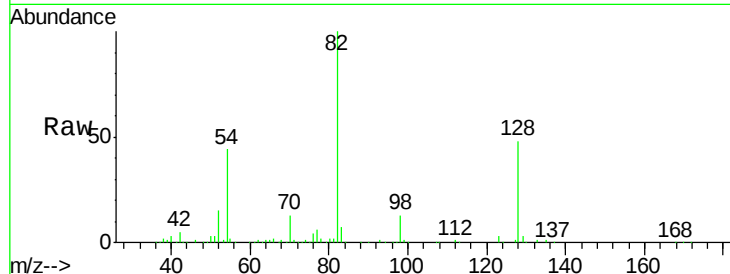
#23
 Nitrobenzene-d5
 Concen: 84.306 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: BF104803.D
 Acq: 25 Apr 2018 21:41

Instrument :
 BNA_F
 ClientSampleId :
 PB108602BS

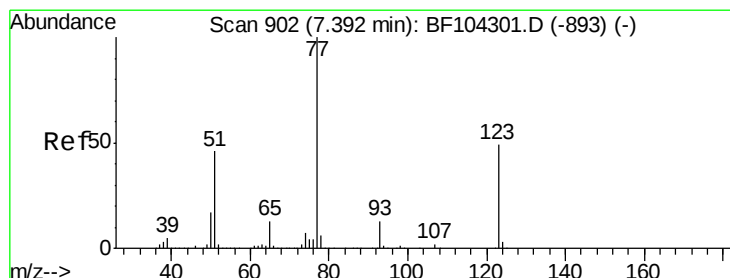
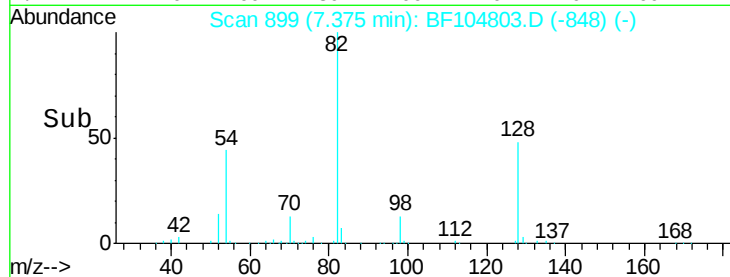
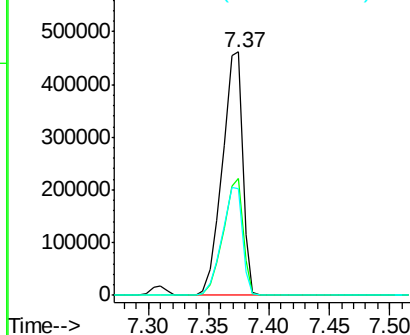
Tot Ion:	82	Resp:	539384
Ion	Ratio	Lower	Upper
82	100		
128	48.0	36.1	54.1
54	44.1	41.4	62.2

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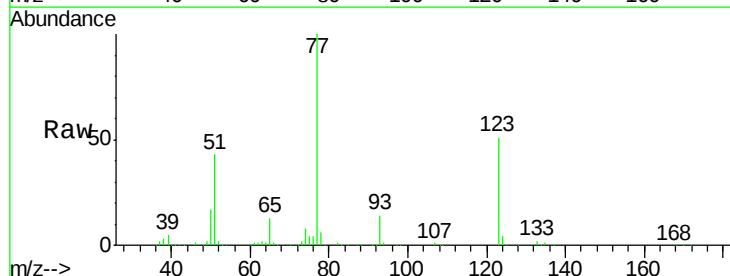


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

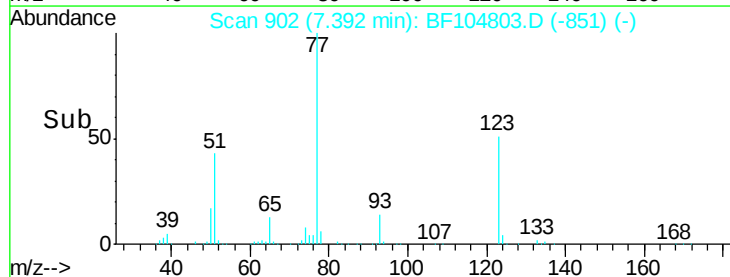
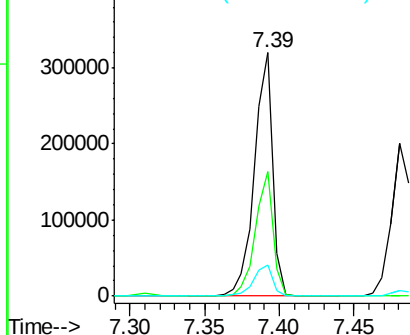


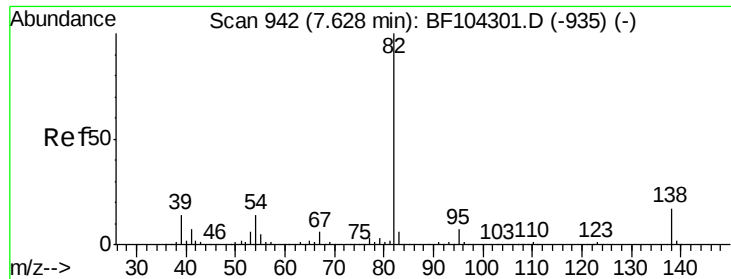
#24
 Nitrobenzene
 Concen: 38.167 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.00 min
 Lab File: BF104803.D
 Acq: 25 Apr 2018 21:41

Tgt Ion:	77	Resp:	269602
Ion	Ratio	Lower	Upper
77	100		
123	51.0	37.9	56.9
65	12.8	11.0	16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 35.861 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

Instrument :

BNA_F

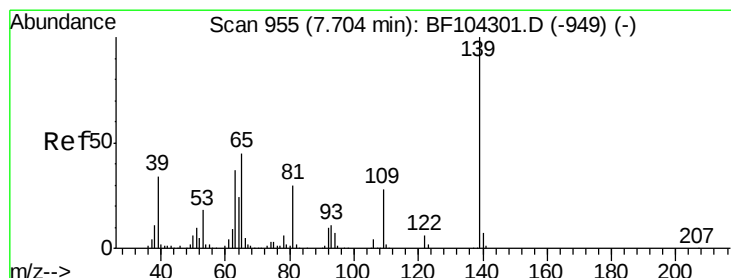
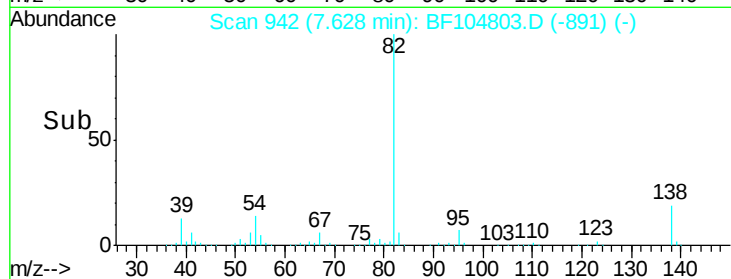
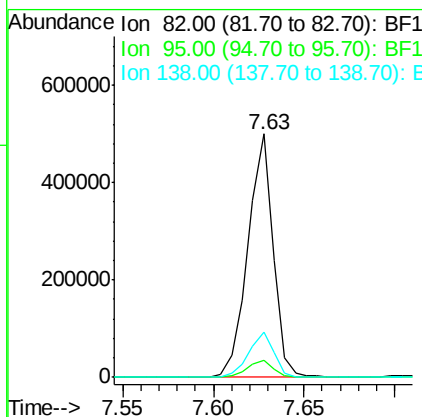
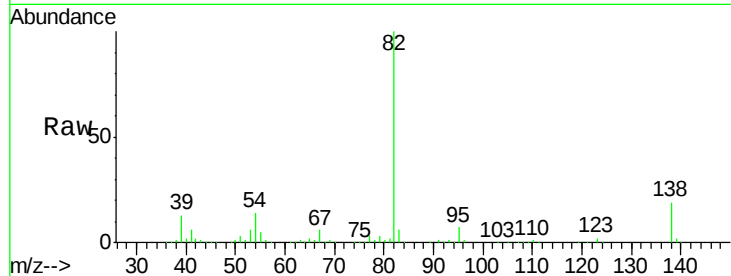
ClientSampleId :

PB108602BS

Tot Ion:	82	Resp:	485180
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.2	7.8
138	18.5	14.9	22.3

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#26

2-Nitrophenol

Concen: 47.948 ng

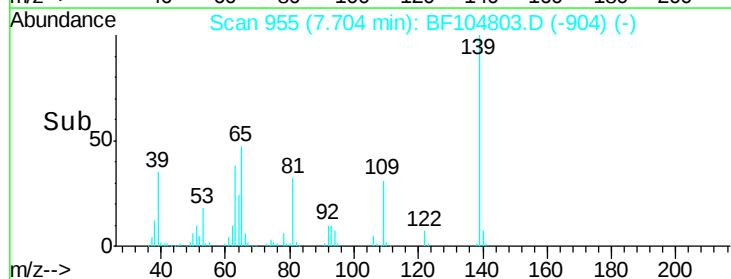
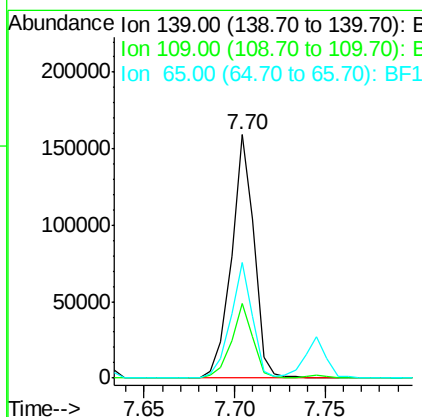
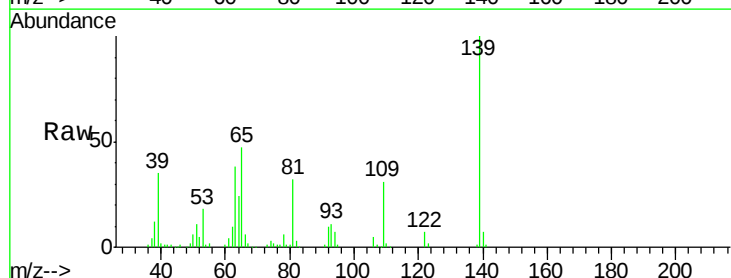
RT: 7.70 min Scan# 955

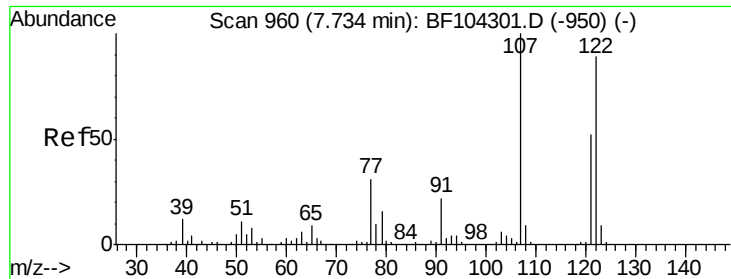
Delta R.T. -0.00 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

Tgt Ion:	139	Resp:	137882
Ion Ratio	Lower	Upper	
139	100		
109	30.6	22.7	34.1
65	47.3	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 38.795 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

Instrument :

BNA_F

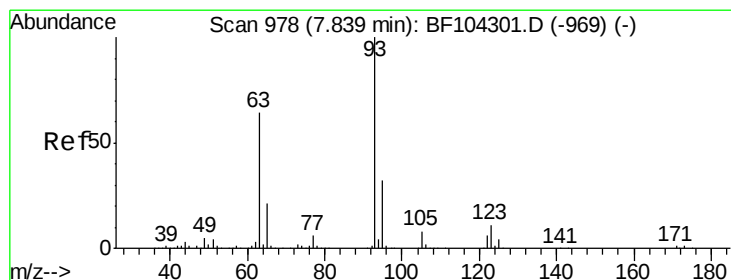
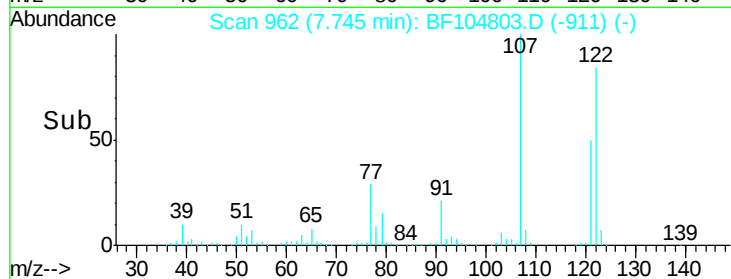
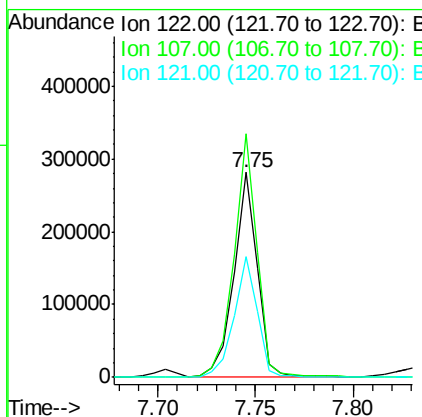
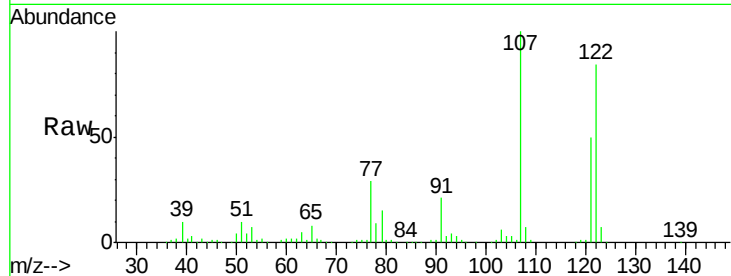
ClientSampleId :

PB108602BS

Tot Ion:	122	Resp:	231643
Ion Ratio	Lower	Upper	
122	100		
107	118.9	91.2	136.8
121	59.2	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 37.757 ng

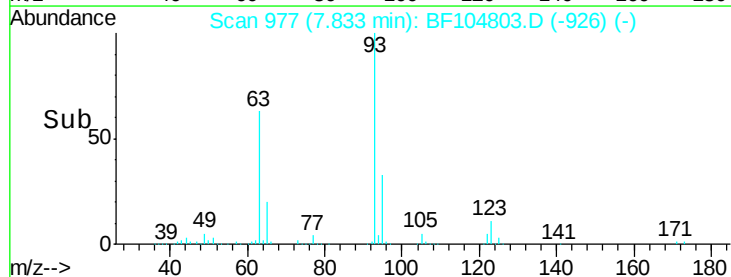
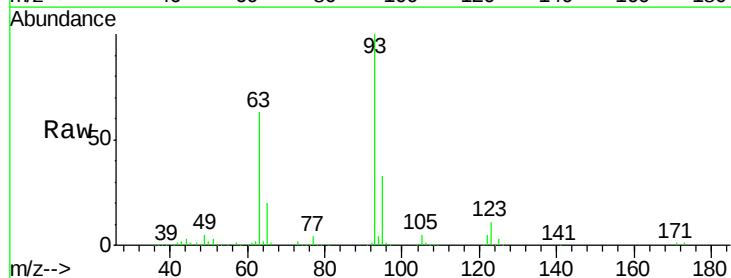
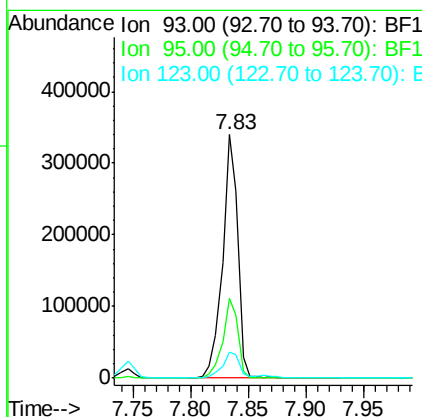
RT: 7.83 min Scan# 977

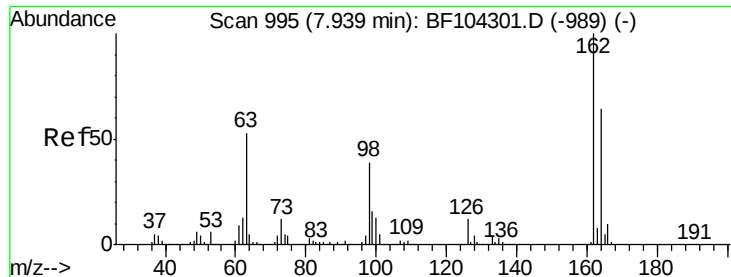
Delta R.T. -0.00 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

Tgt Ion:	93	Resp:	312328
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.3	39.5
123	10.9	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 38.698 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.00 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

Instrument :

BNA_F

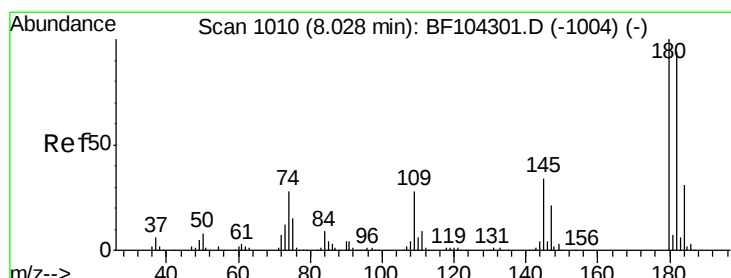
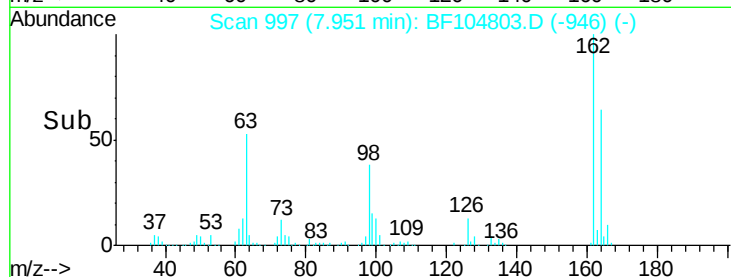
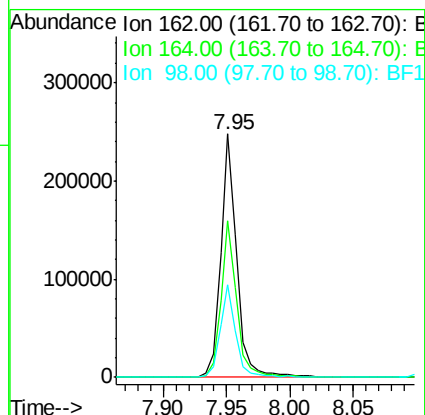
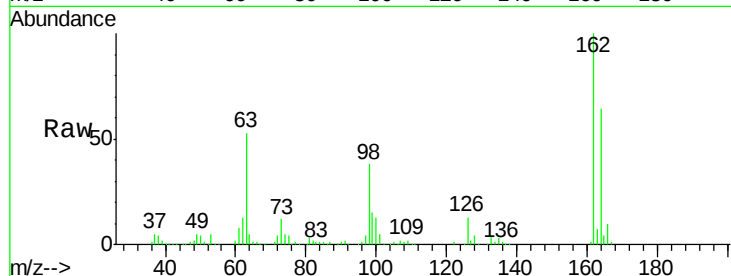
ClientSampleId :

PB108602BS

Tot Ion:	162	Resp:	220471
Ion Ratio	Lower	Upper	
162	100		
164	64.4	42.7	82.7
98	38.0	18.1	58.1

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#30

1,2,4-Trichlorobenzene

Concen: 37.232 ng

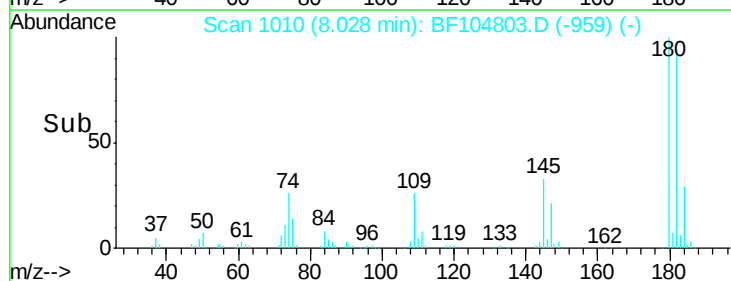
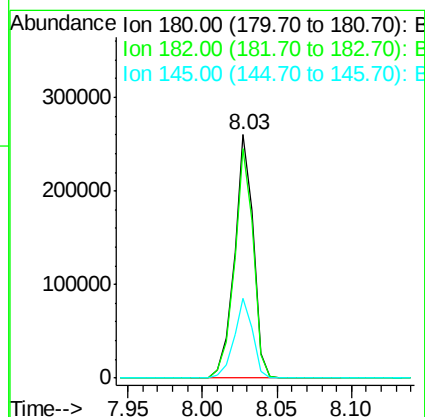
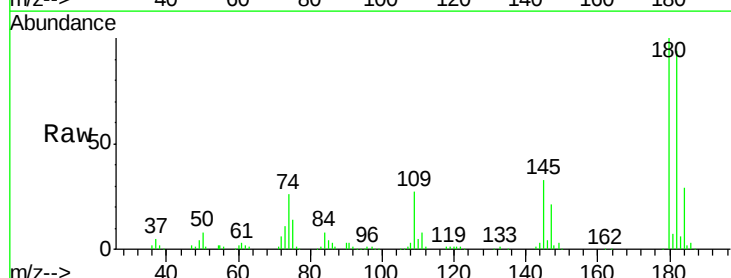
RT: 8.03 min Scan# 1010

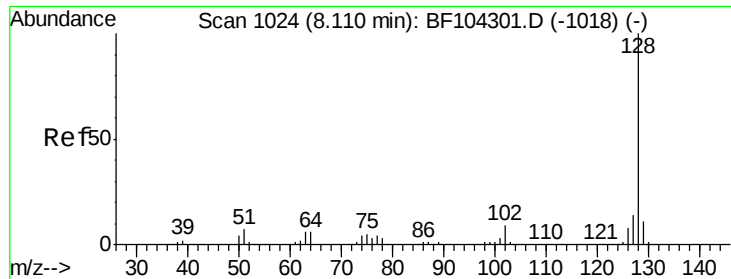
Delta R.T. -0.00 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

Tgt Ion:	180	Resp:	232788
Ion Ratio	Lower	Upper	
180	100		
182	94.1	76.8	115.2
145	32.7	26.5	39.7





#31

Naphthalene

Concen: 36.437 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

Instrument :

BNA_F

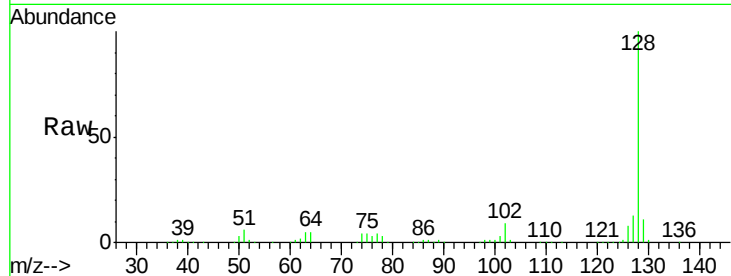
ClientSampleId :

PB108602BS

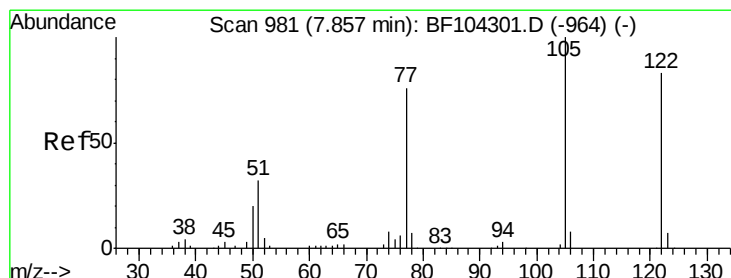
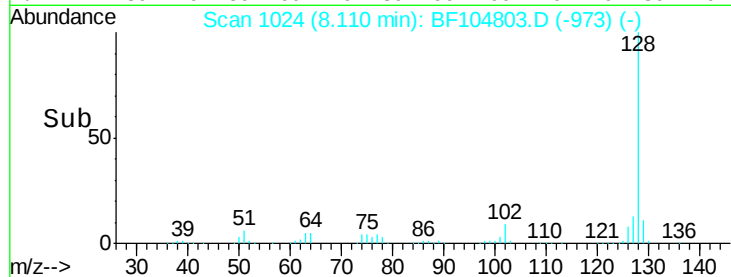
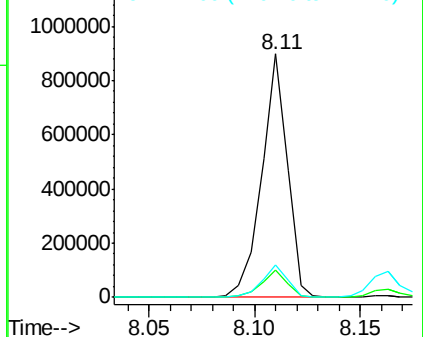
Tot Ion:	128	Resp:	757998
Ion Ratio	Lower	Upper	
128	100		
129	11.3	8.8	13.2
127	13.5	10.9	16.3

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 21.177 ng

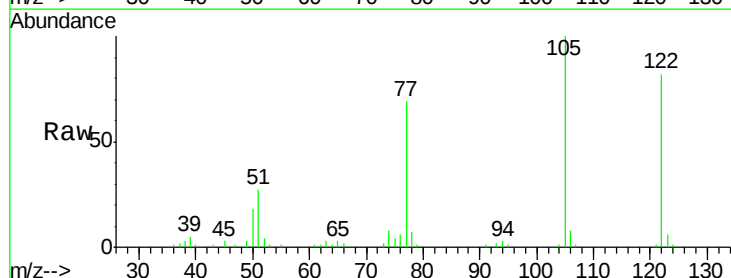
RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

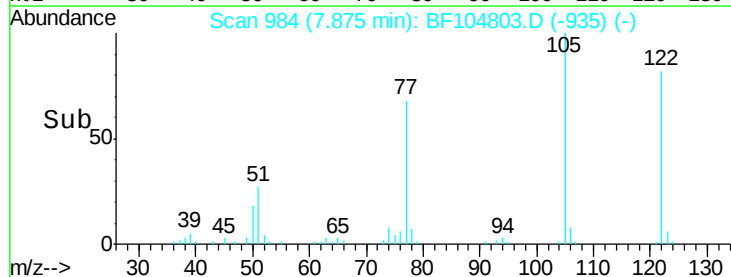
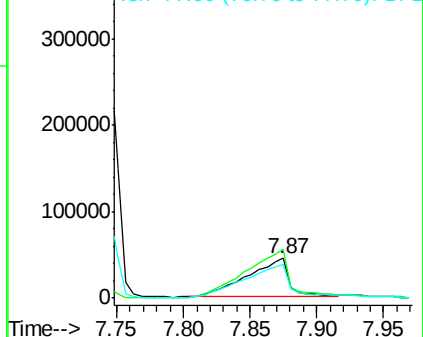
Lab File: BF104803.D

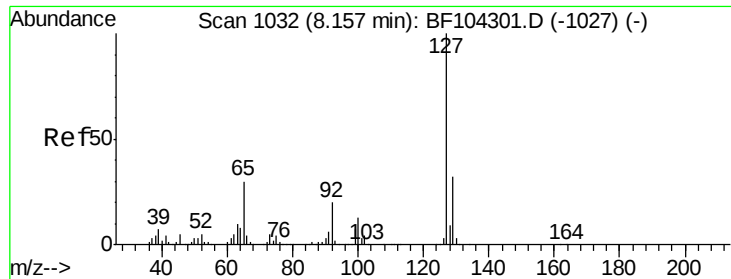
Acq: 25 Apr 2018 21:41

Tgt Ion:	122	Resp:	100889
Ion Ratio	Lower	Upper	
122	100		
105	121.6	101.1	141.1
77	84.4	70.7	110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





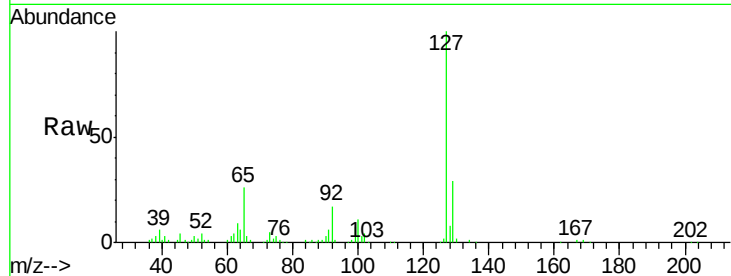
#33
4-Chloroaniline
Concen: 11.936 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF104803.D
Acq: 25 Apr 2018 21:41

Instrument :
BNA_F
ClientSampleId :
PB108602BS

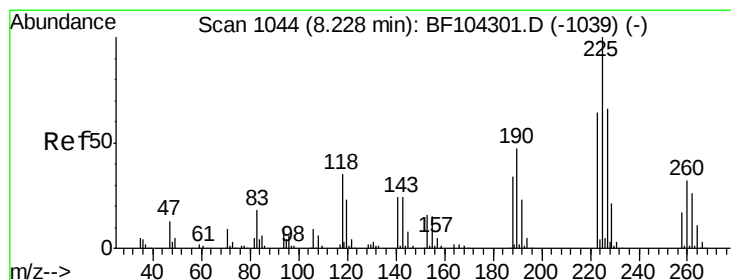
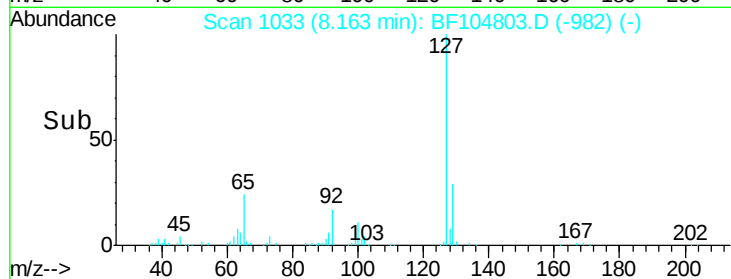
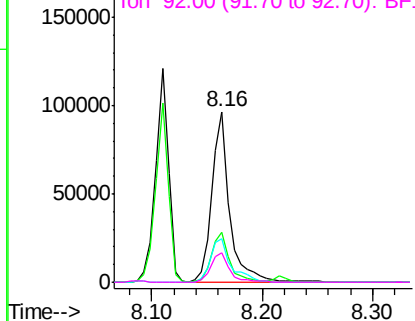
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	29.1		25.9	38.9	
65	25.8		25.0	37.4	
92	17.0		15.2	22.8	

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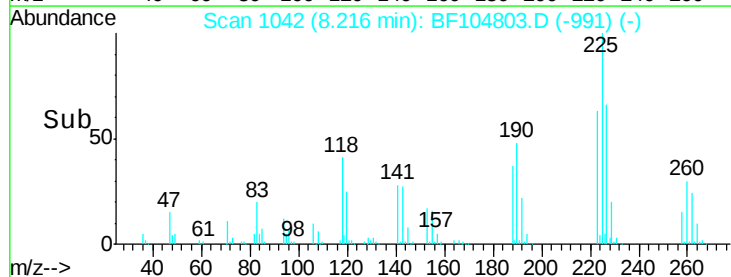
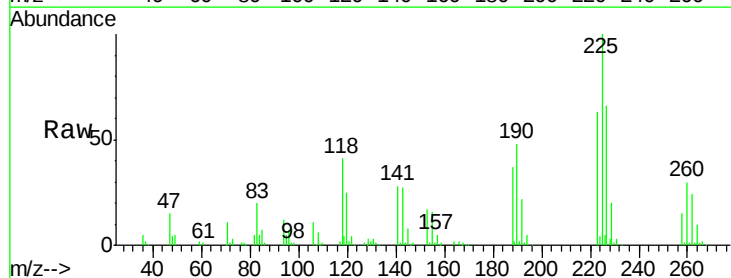
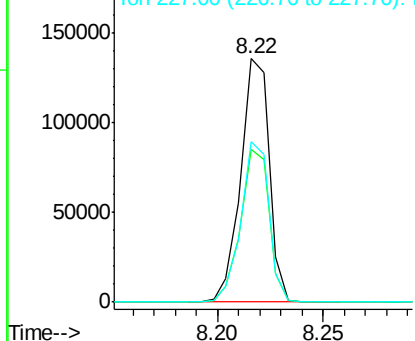
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

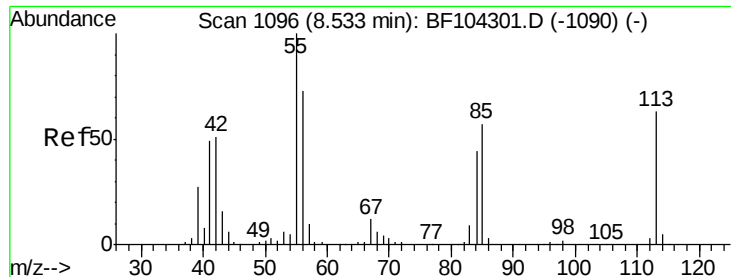


#34
Hexachlorobutadiene
Concen: 37.049 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF104803.D
Acq: 25 Apr 2018 21:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.7		50.6	76.0	
227	66.1		51.9	77.9	

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





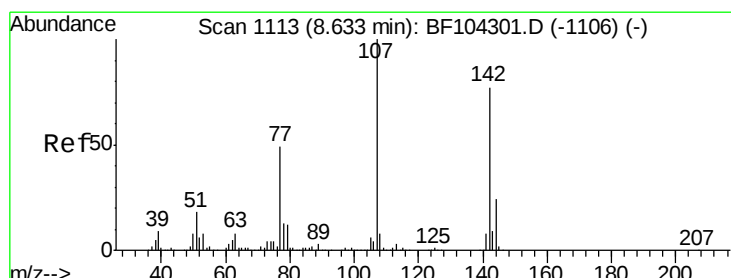
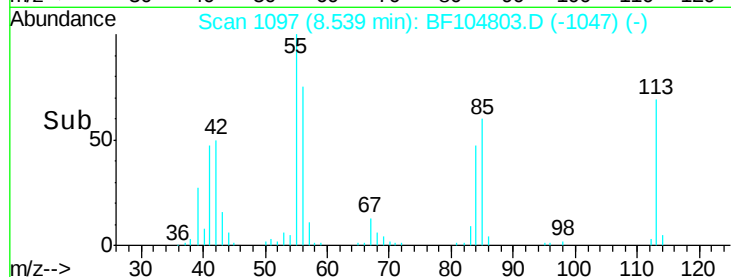
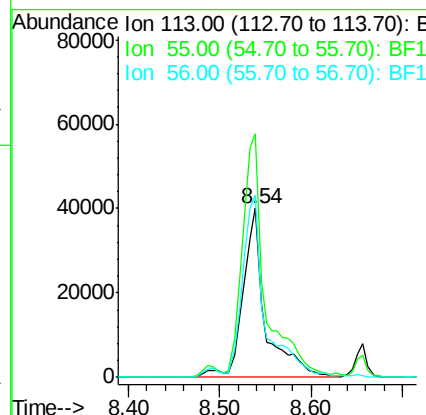
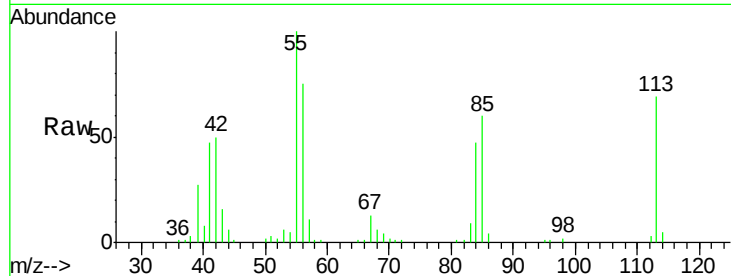
#35
Caprolactam
Concen: 34.377 ng/ml
RT: 8.54 min Scan# 1097
Delta R.T. -0.01 min
Lab File: BF104803.D
Acq: 25 Apr 2018 21:41

Instrument :
BNA_F
ClientSampleId :
PB108602BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	144.1	163.3	203.3#
56	107.7	115.7	155.7#

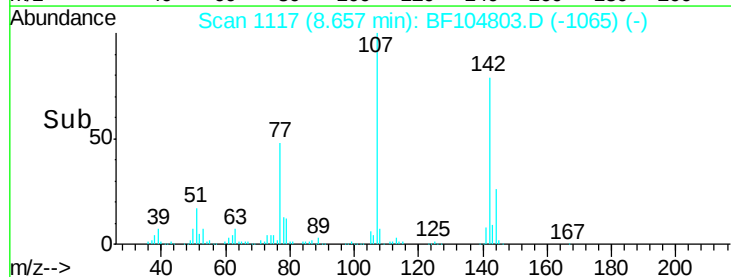
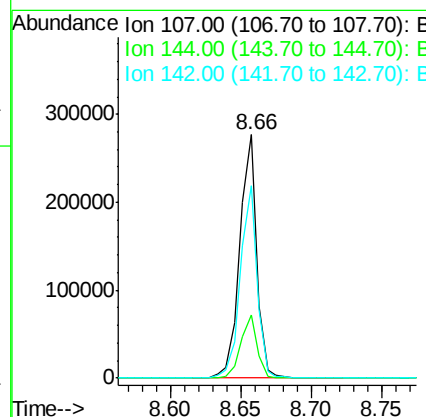
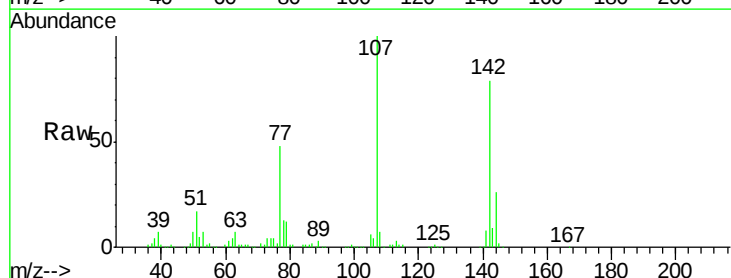
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#36
4-Chloro-3-methylphenol
Concen: 37.975 ng/ml
RT: 8.66 min Scan# 1117
Delta R.T. 0.01 min
Lab File: BF104803.D
Acq: 25 Apr 2018 21:41

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.2	20.5	30.7
142	79.1	62.0	93.0





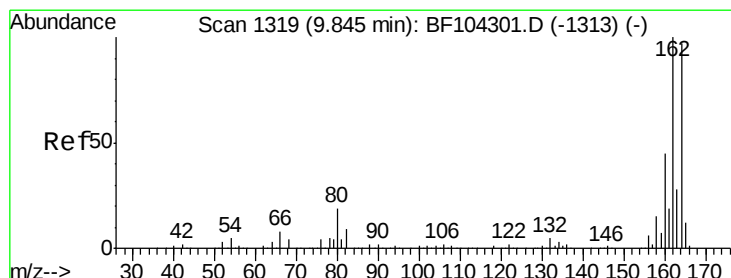
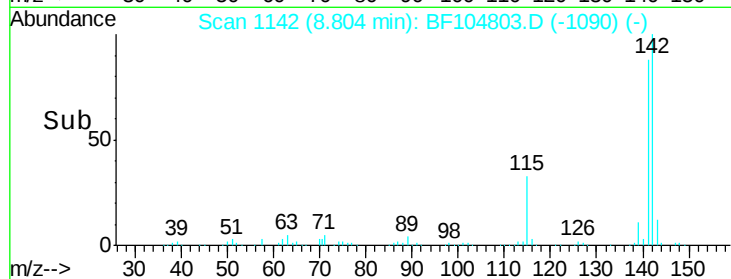
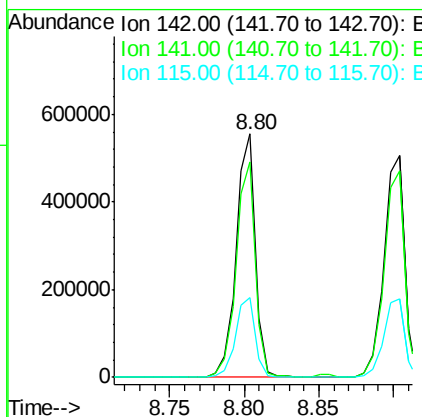
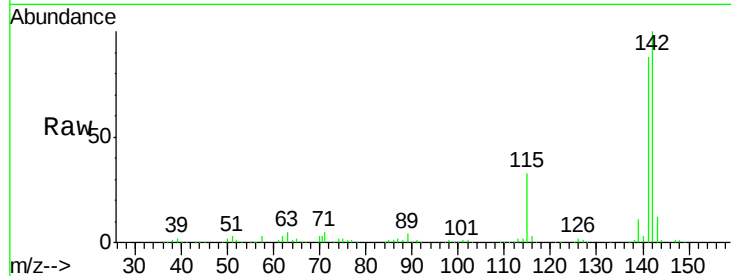
#37
 2-Methylnaphthalene
 Concen: 37.380 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: BF104803.D
 Acq: 25 Apr 2018 21:41

Instrument :
 BNA_F
 ClientSampleId :
 PB108602BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.8	106.2
115	33.0	26.1	39.1

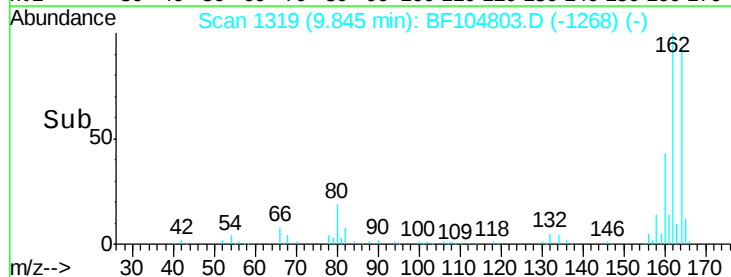
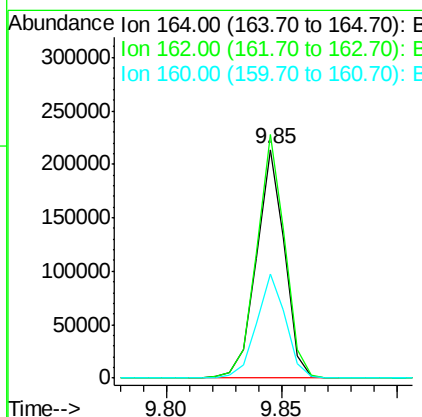
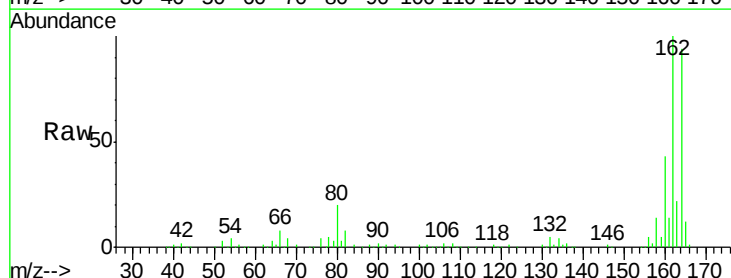
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF104803.D
 Acq: 25 Apr 2018 21:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.4	86.1	129.1
160	45.6	38.3	57.5





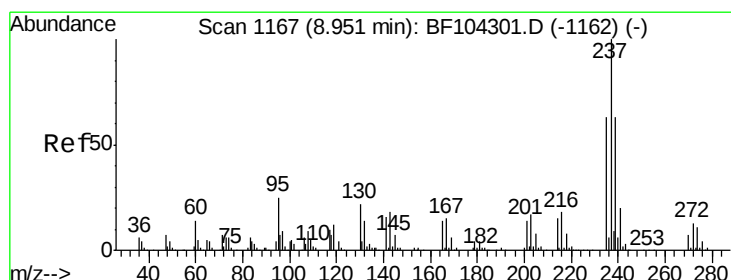
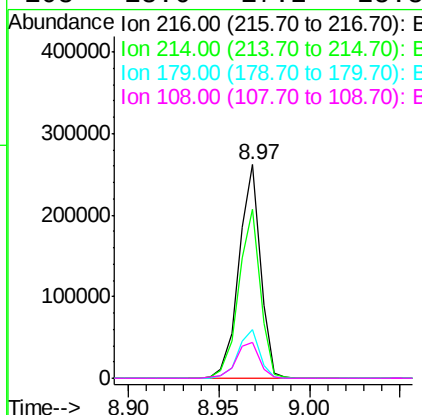
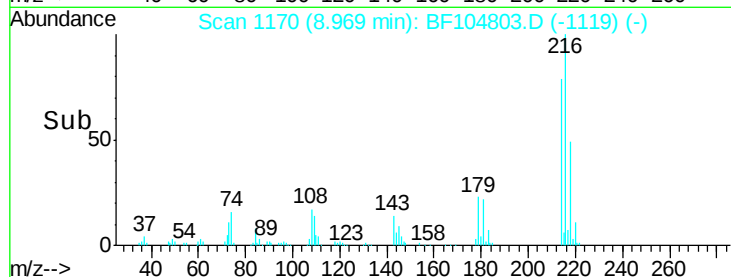
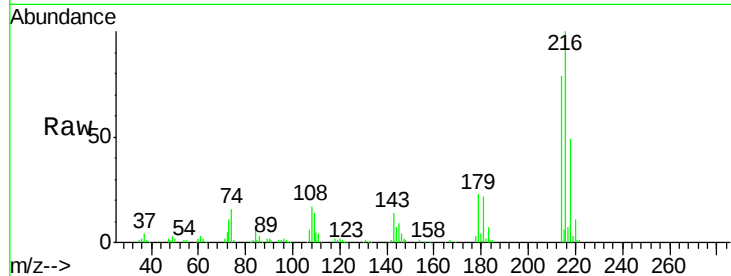
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.818 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF104803.D
 Acq: 25 Apr 2018 21:41

Instrument :
 BNA_F
 ClientSampleId :
 PB108602BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	216454		
214	79.1	63.0	94.4	
179	22.6	18.1	27.1	
108	18.6	17.2	25.8	

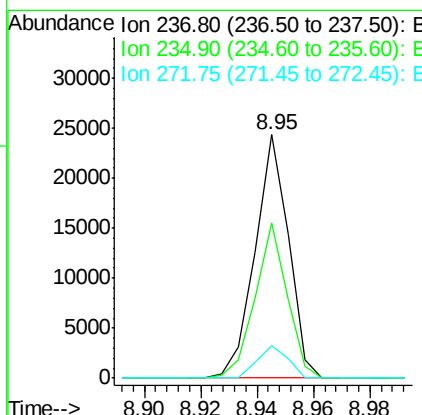
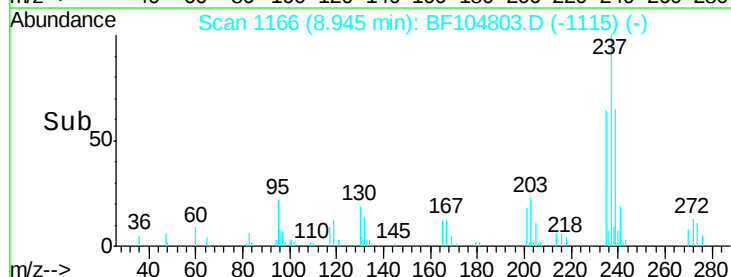
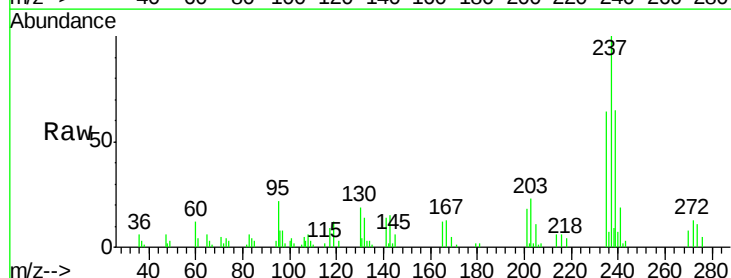
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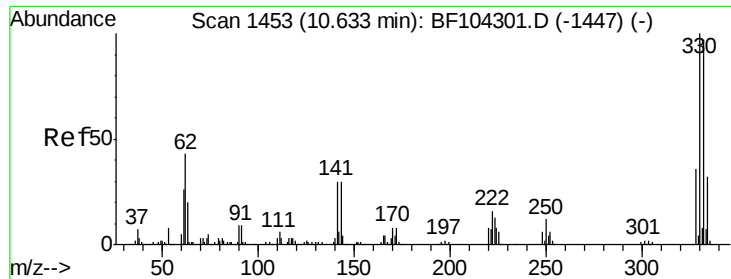
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#40
 Hexachlorocyclopentadiene
 Concen: 6.915 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BF104803.D
 Acq: 25 Apr 2018 21:41

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	20037		
235	63.6	44.8	84.8	
272	13.4	0.0	33.3	





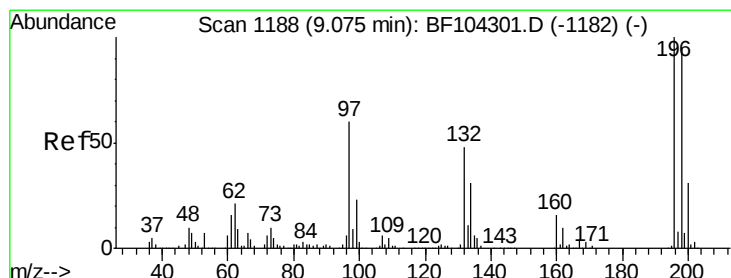
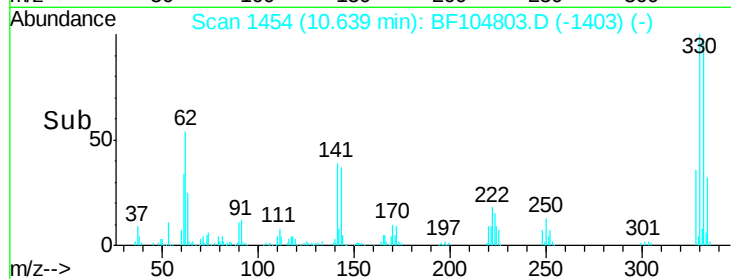
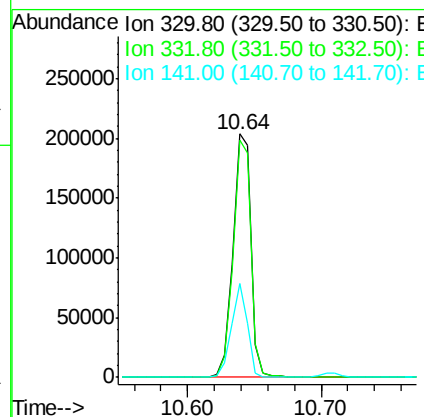
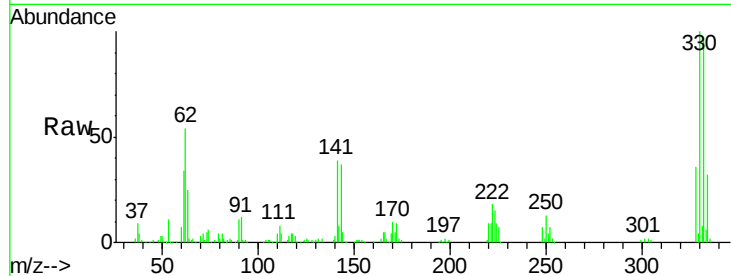
#41
 2,4,6-Tribromophenol
 Concen: 103.797 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BF104803.D
 Acq: 25 Apr 2018 21:41

Instrument :
 BNA_F
 ClientSampled :
 PB108602BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	194692		
332	97.1	77.0	115.6	
141	34.6	29.9	44.9	

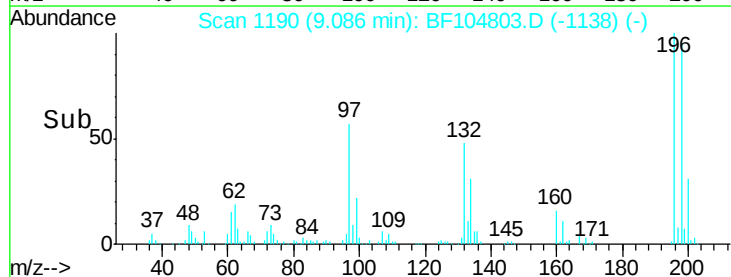
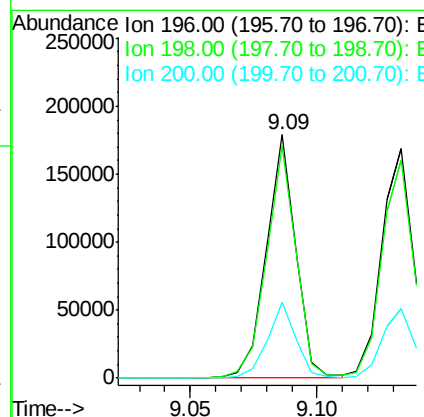
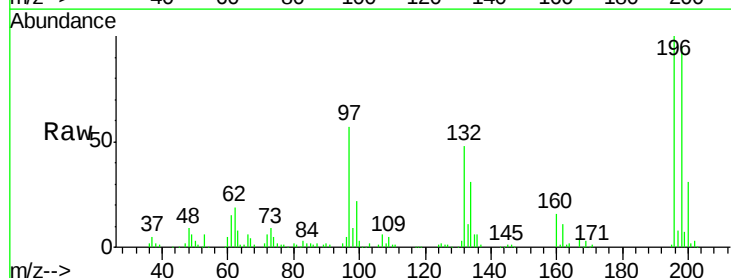
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#42
 2,4,6-Trichlorophenol
 Concen: 40.654 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF104803.D
 Acq: 25 Apr 2018 21:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	146076		
198	95.5	75.7	113.5	
200	31.1	24.5	36.7	





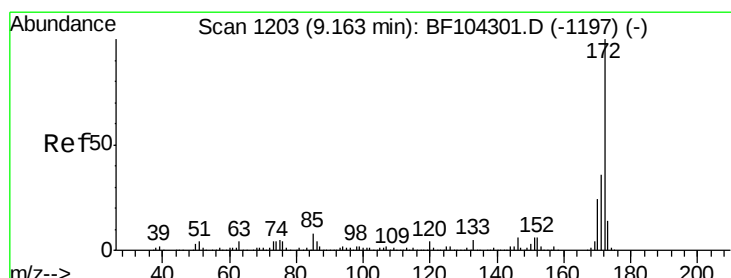
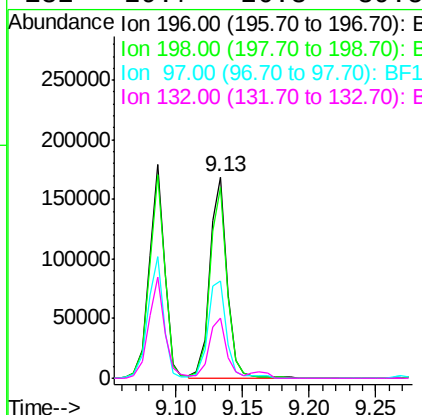
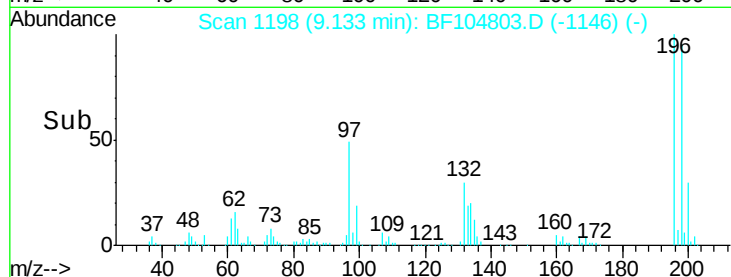
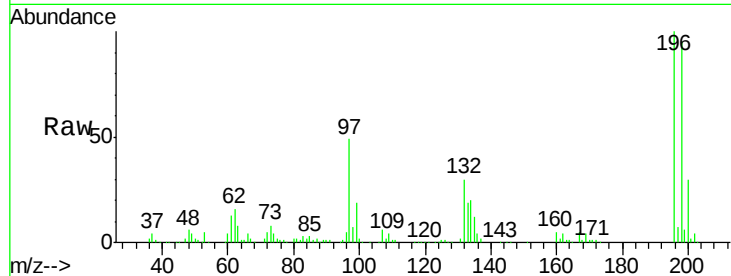
#43
 2,4,5-Trichlorophenol
 Concen: 38.269 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF104803.D
 Acq: 25 Apr 2018 21:41

Instrument :
 BNA_F
 ClientSampleId :
 PB108602BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		153874		
198	95.0		74.6	112.0	
97	48.6		42.9	64.3	
132	29.7		26.3	39.5	

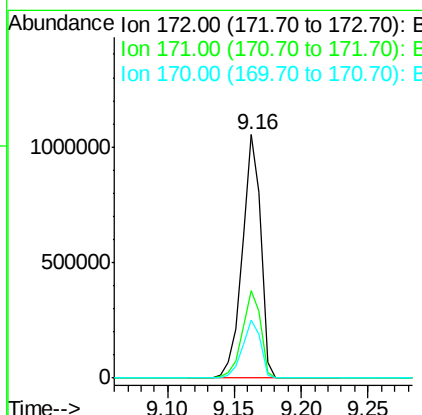
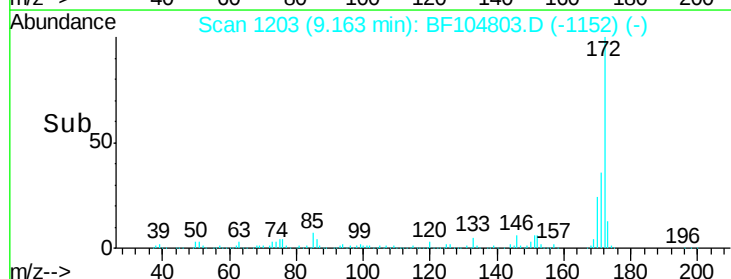
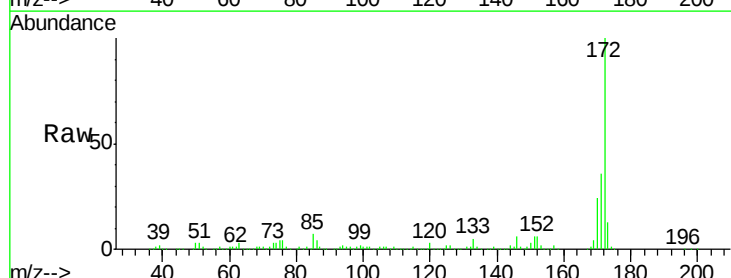
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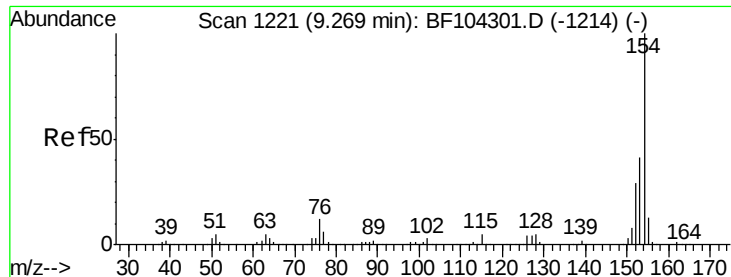
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 87.569 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF104803.D
 Acq: 25 Apr 2018 21:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1002329		
171	36.1		29.7	44.5	
170	24.0		19.6	29.4	





#45

1,1'-Biphenyl

Concen: 38.767 ng

RT: 9.26 min Scan# 1220

Delta R.T. -0.00 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

Instrument :

BNA_F

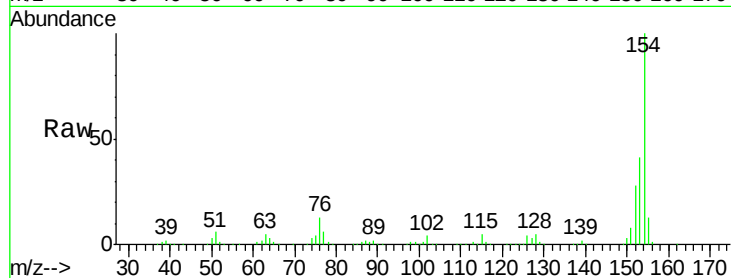
ClientSampleId :

PB108602BS

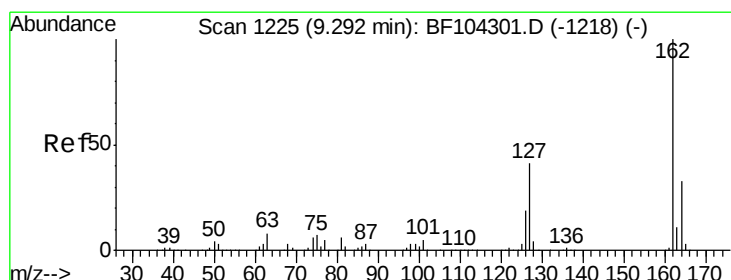
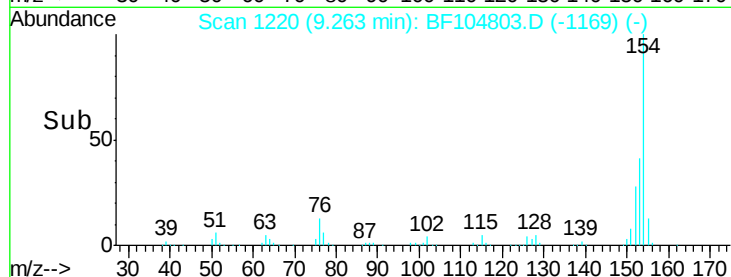
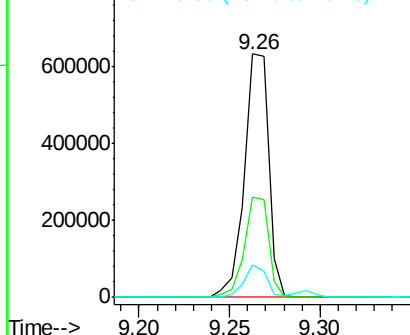
Tot Ion:	154	Resp:	588882
Ion Ratio	Lower	Upper	
154	100		
153	41.2	21.3	61.3
76	13.1	0.0	34.0

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



#46

2-Chloronaphthalene

Concen: 38.060 ng

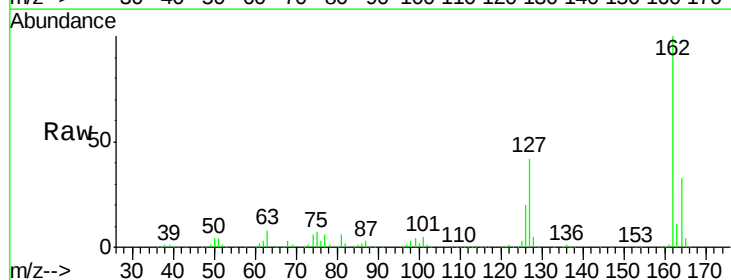
RT: 9.29 min Scan# 1225

Delta R.T. -0.00 min

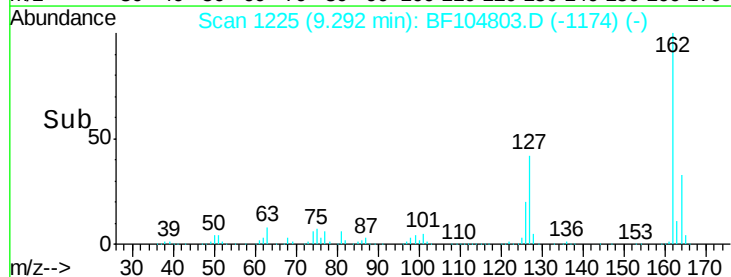
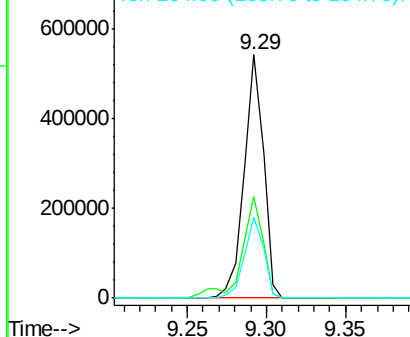
Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

Tgt Ion:	162	Resp:	456660
Ion Ratio	Lower	Upper	
162	100		
127	41.9	33.9	50.9
164	33.3	26.5	39.7



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





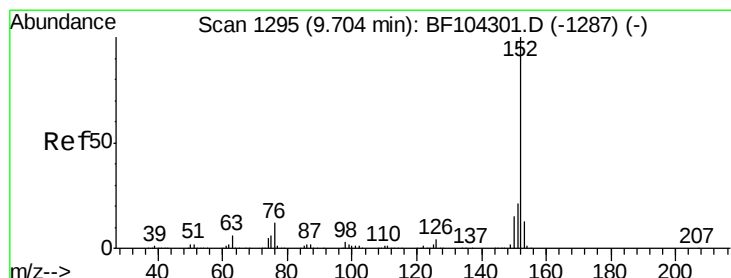
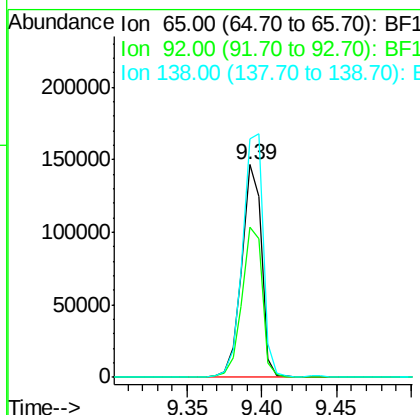
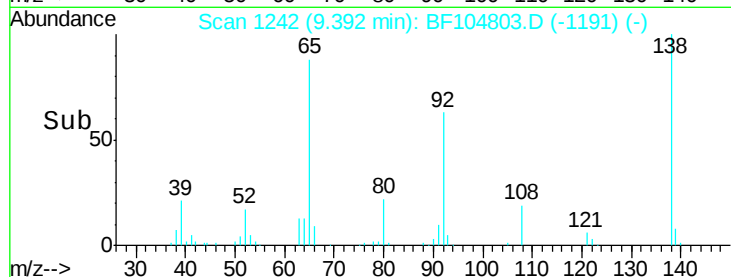
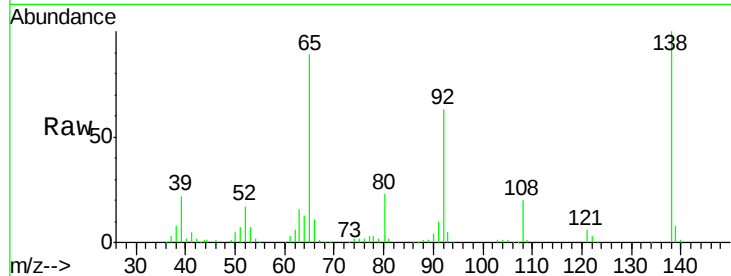
#47
 2-Nitroaniline
 Concen: 45.913 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: BF104803.D
 Acq: 25 Apr 2018 21:41

Instrument :
 BNA_F
 ClientSampleId :
 PB108602BS

Tot Ion:	65	Resp:	136232
Ion Ratio	Lower	Upper	
65	100		
92	70.9	55.8	83.6
138	112.3	91.2	136.8

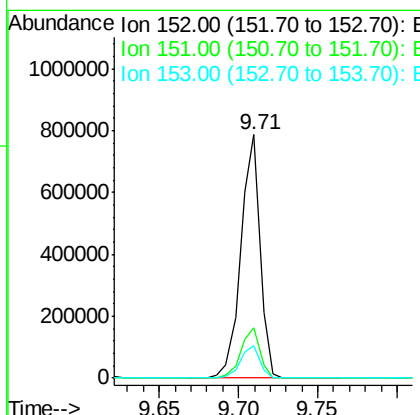
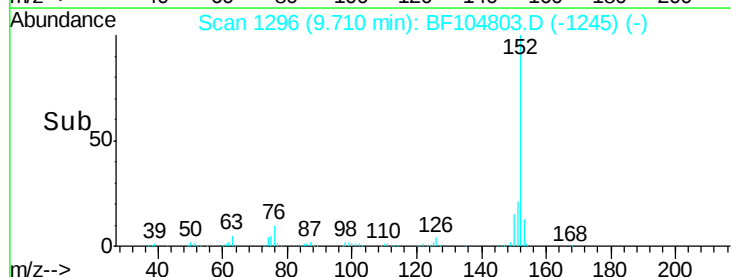
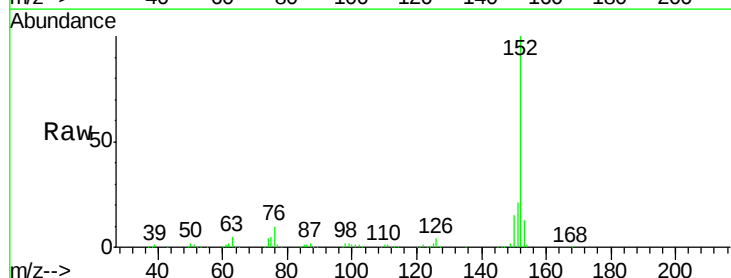
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#48
 Acenaphthylene
 Concen: 35.070 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BF104803.D
 Acq: 25 Apr 2018 21:41

Tgt Ion:	152	Resp:	660196
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.3	24.5
153	13.3	10.7	16.1





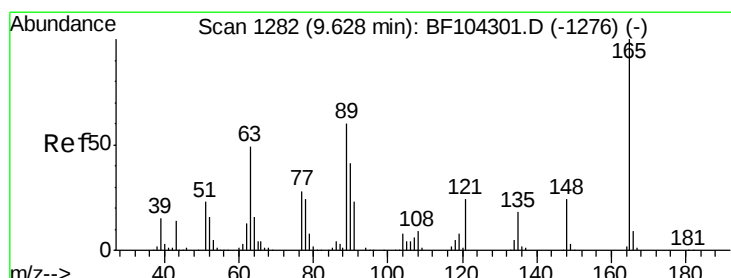
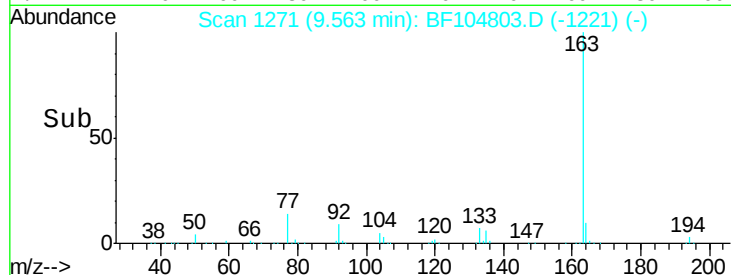
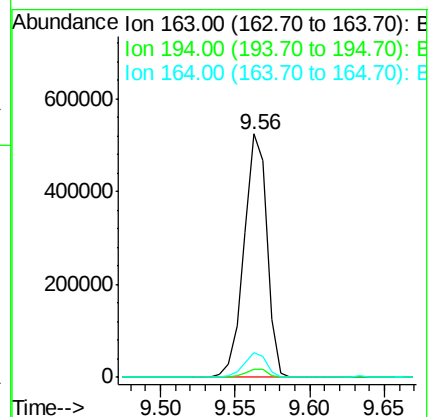
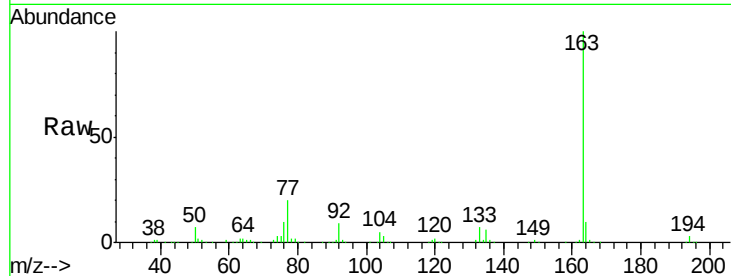
#49
Dimethylphthalate
Concen: 39.364 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF104803.D
Acq: 25 Apr 2018 21:41

Instrument :
BNA_F
ClientSampleId :
PB108602BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.3	2.7	4.1	
164	10.2	8.2	12.2	

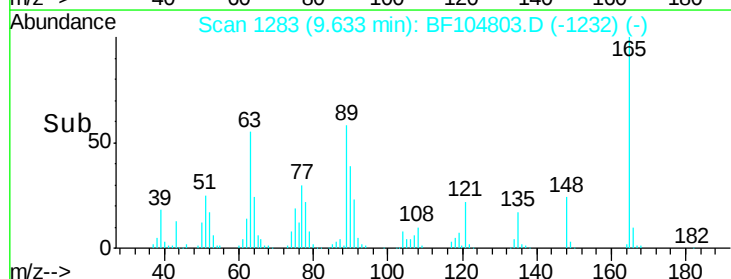
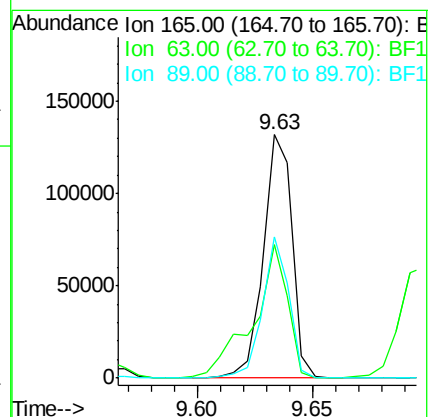
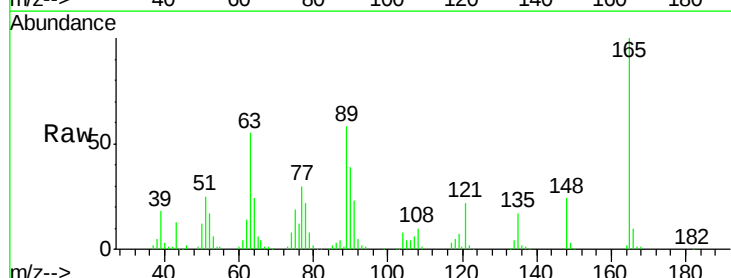
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#50
2,6-Dinitrotoluene
Concen: 43.309 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BF104803.D
Acq: 25 Apr 2018 21:41

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	55.0	44.7	67.1	
89	57.8	44.0	66.0	





#51

Acenaphthene

Concen: 33.917 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

Instrument :

BNA_F

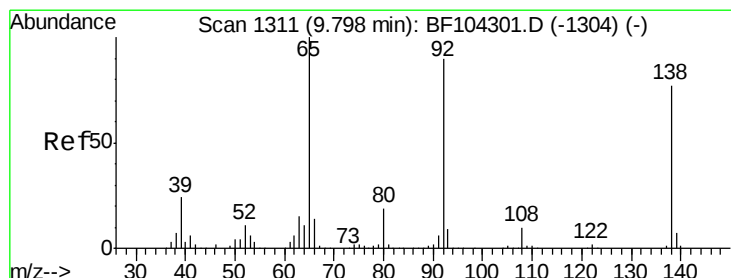
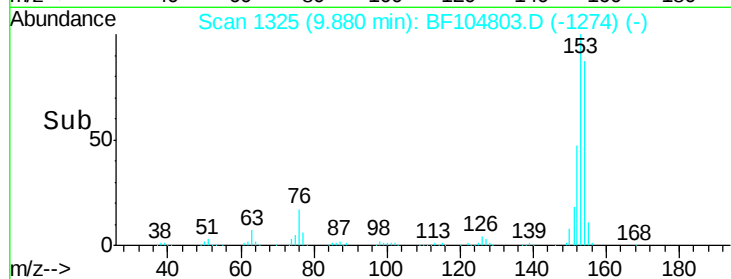
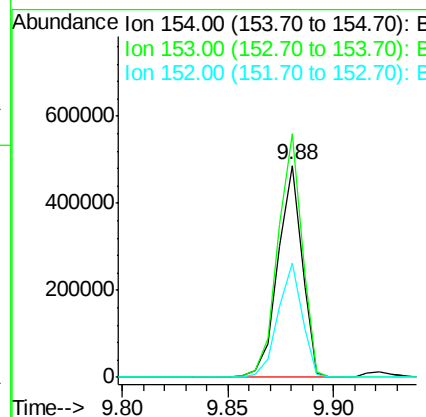
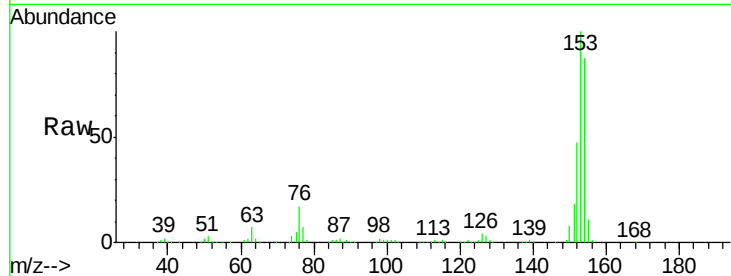
ClientSampleId :

PB108602BS

Tot Ion:	154	Resp:	389566
Ion Ratio	Lower	Upper	
154	100		
153	114.8	91.2	136.8
152	53.8	43.8	65.8

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#52

3-Nitroaniline

Concen: 28.227 ng

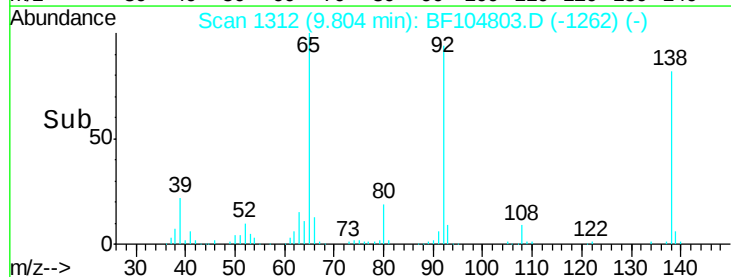
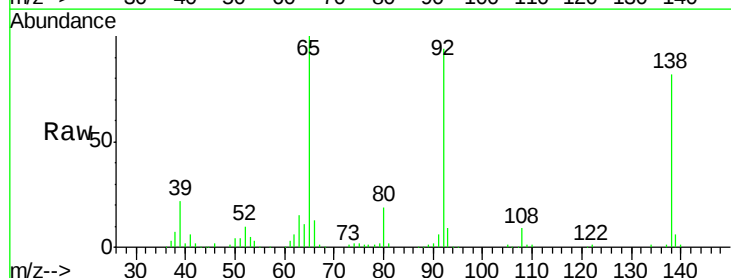
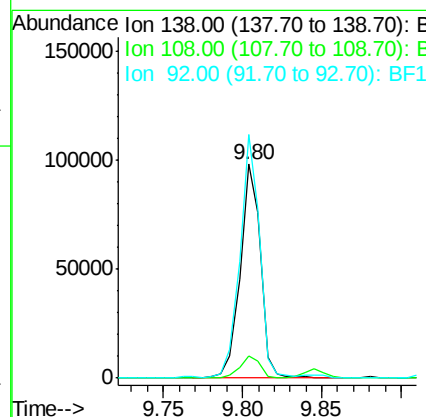
RT: 9.80 min Scan# 1312

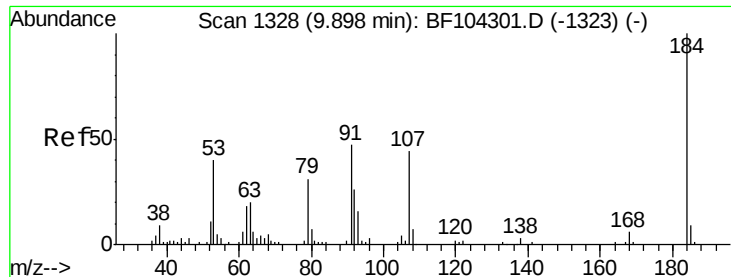
Delta R.T. -0.01 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

Tgt Ion:	138	Resp:	87190
Ion Ratio	Lower	Upper	
138	100		
108	10.6	9.4	14.0
92	114.0	89.4	134.2





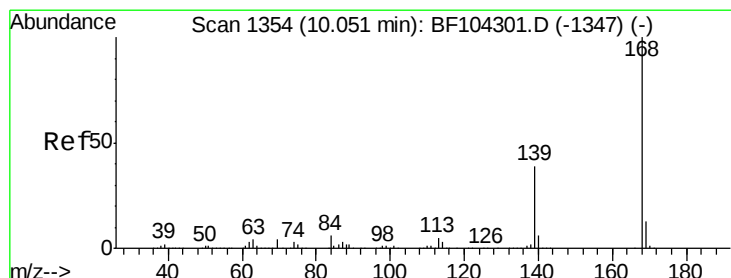
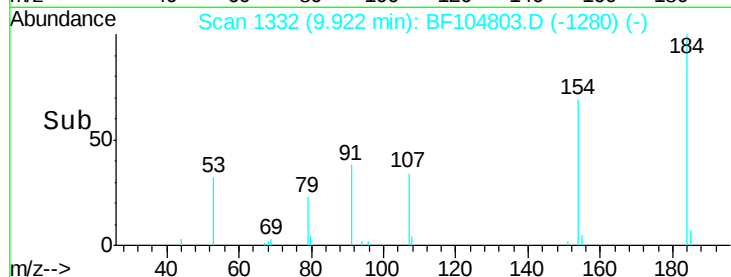
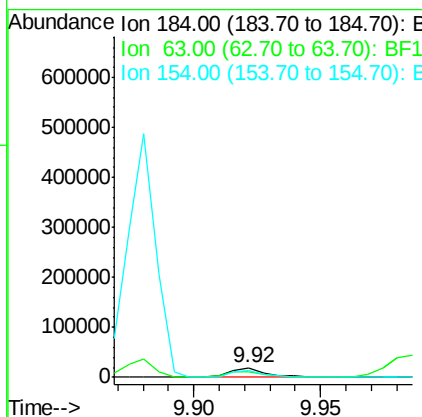
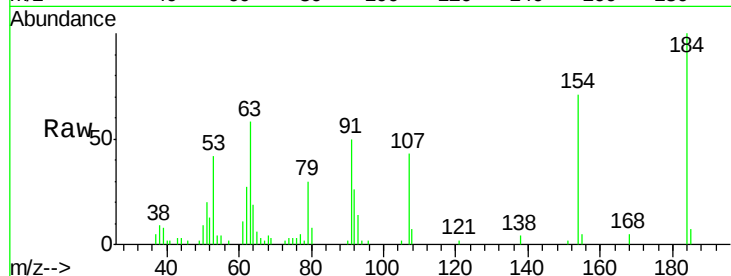
#53
 2,4-Dinitrophenol
 Concen: 27.863 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.01 min
 Lab File: BF104803.D
 Acq: 25 Apr 2018 21:41

Instrument :
 BNA_F
 ClientSampleId :
 PB108602BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	57.8	54.2	81.2	
154	71.3	184.0	276.0	

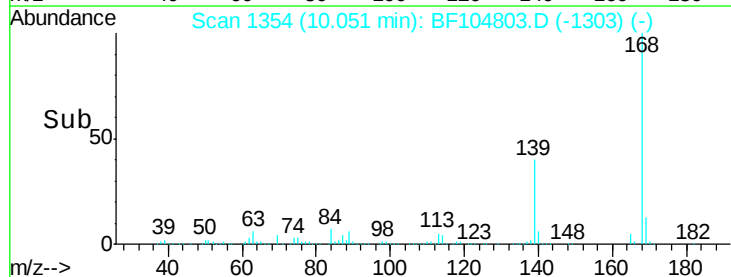
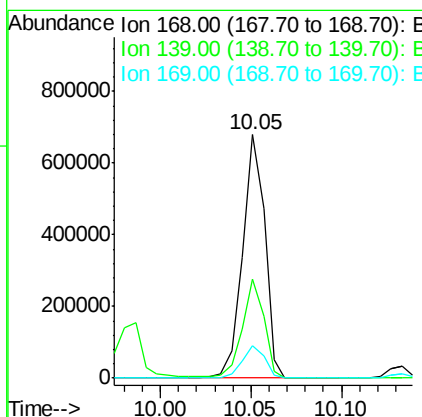
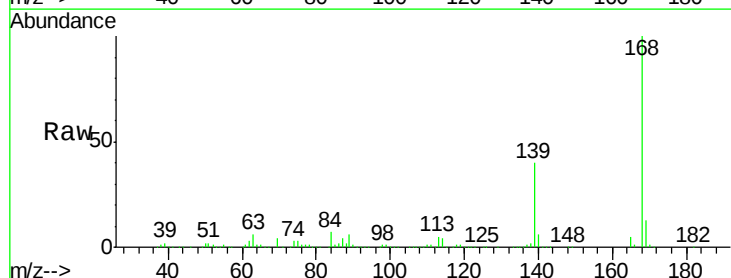
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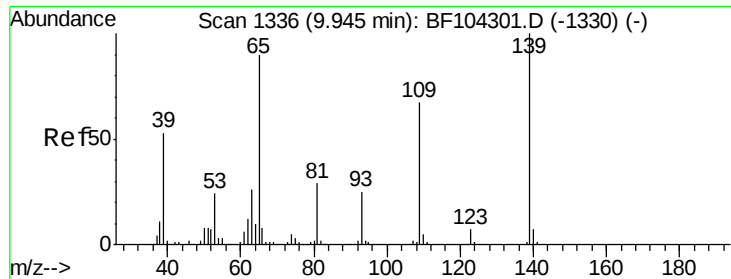
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#54
 Dibenzofuran
 Concen: 36.160 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.00 min
 Lab File: BF104803.D
 Acq: 25 Apr 2018 21:41

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.4	30.1	45.1	
169	13.5	10.9	16.3	





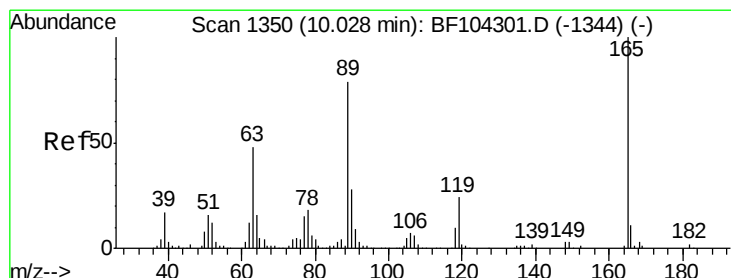
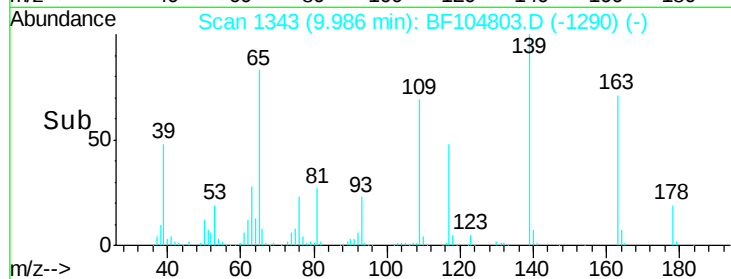
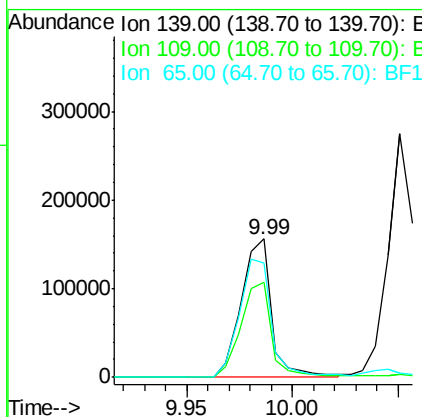
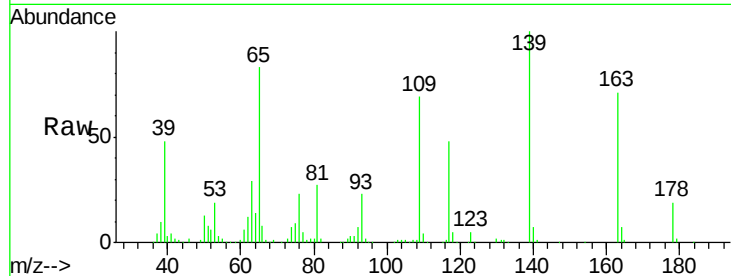
#55
4-Nitrophenol
Concen: 64.295 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF104803.D
Acq: 25 Apr 2018 21:41

Instrument :
BNA_F
ClientSampleId :
PB108602BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	68.6	48.4	88.4
65	82.9	72.6	112.6

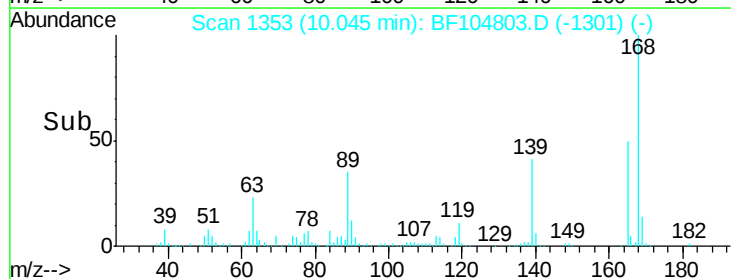
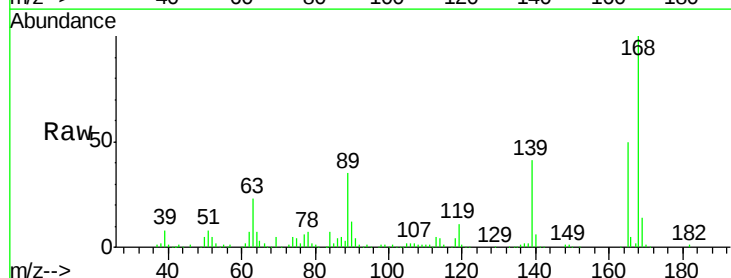
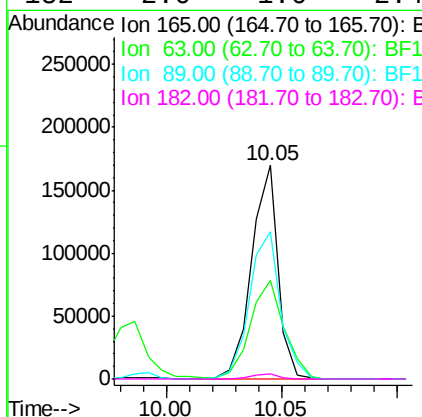
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#56
2,4-Dinitrotoluene
Concen: 39.351 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF104803.D
Acq: 25 Apr 2018 21:41

Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.9	36.4	54.6
89	68.7	57.8	86.6
182	2.6	1.6	2.4#





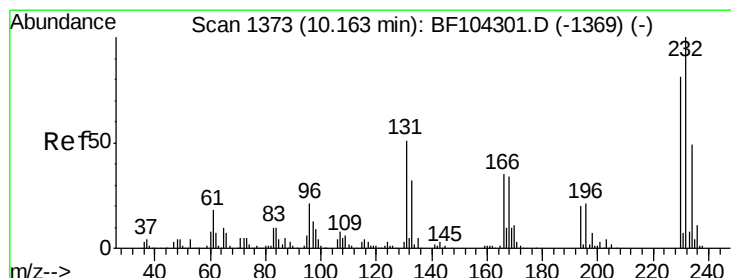
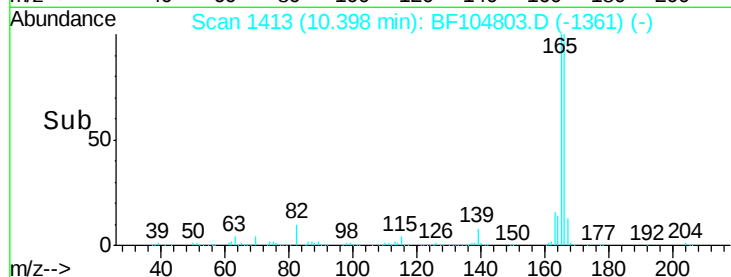
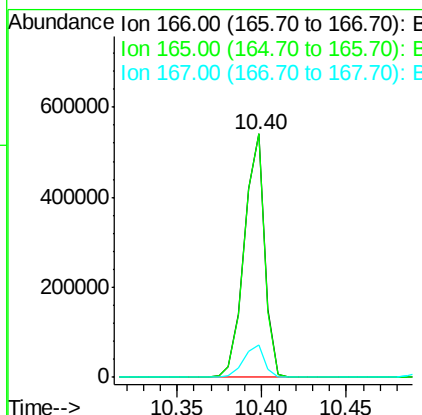
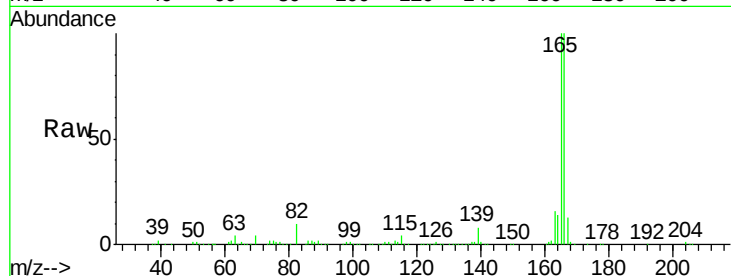
#57
 Fluorene
 Concen: 39.071 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.01 min
 Lab File: BF104803.D
 Acq: 25 Apr 2018 21:41

Instrument :
 BNA_F
 ClientSampleId :
 PB108602BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.0	79.8	119.8	
167	13.3	10.6	16.0	

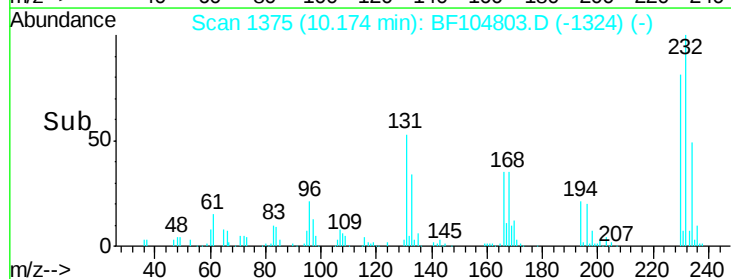
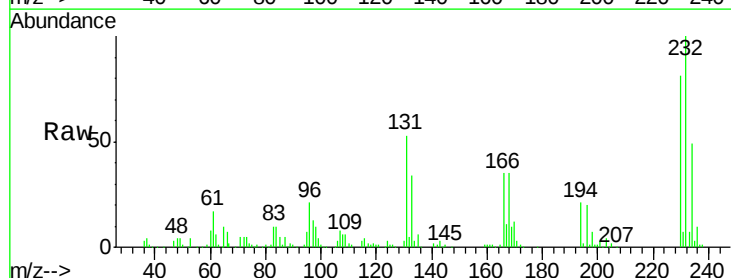
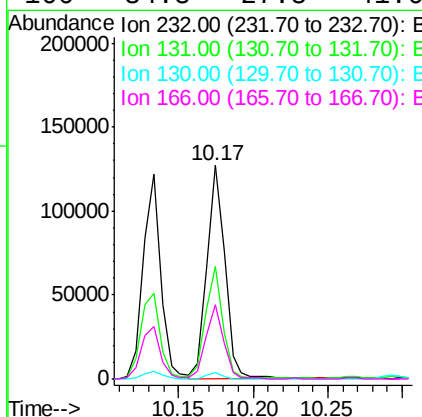
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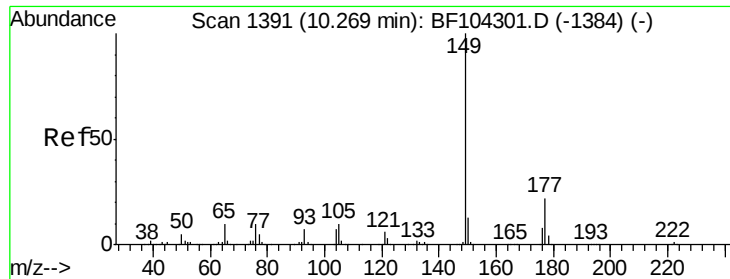
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.399 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.00 min
 Lab File: BF104803.D
 Acq: 25 Apr 2018 21:41

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	50.8	43.8	65.8	
130	2.7	2.1	3.1	
166	34.8	27.8	41.6	





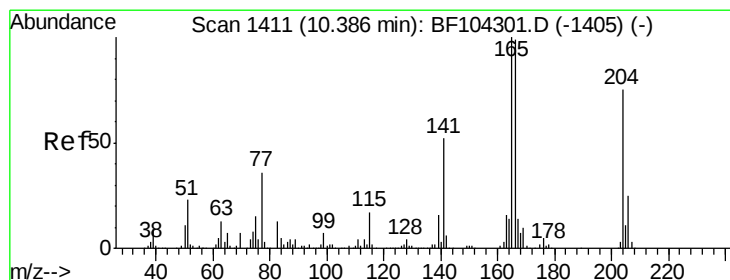
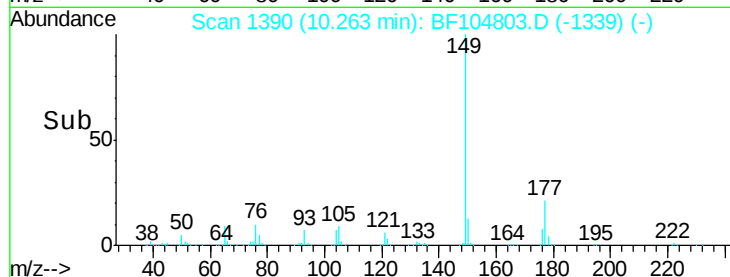
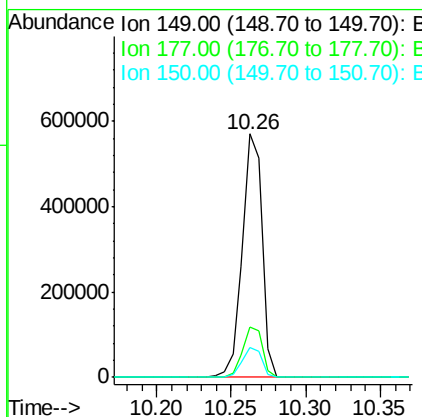
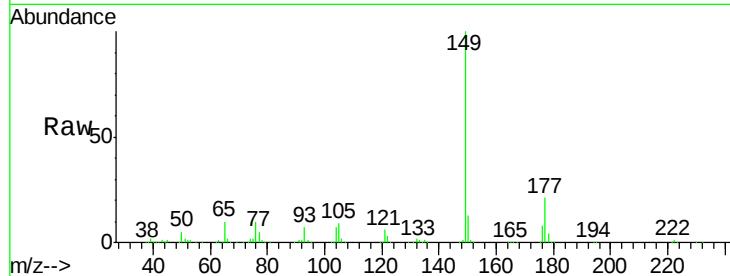
#59
 Diethylphthalate
 Concen: 36.998 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.00 min
 Lab File: BF104803.D
 Acq: 25 Apr 2018 21:41

Instrument :
 BNA_F
 ClientSampleId :
 PB108602BS

Tot Ion:	149	Resp:	525404
Ion Ratio	Lower	Upper	
149	100		
177	20.7	16.1	24.1
150	12.5	10.1	15.1

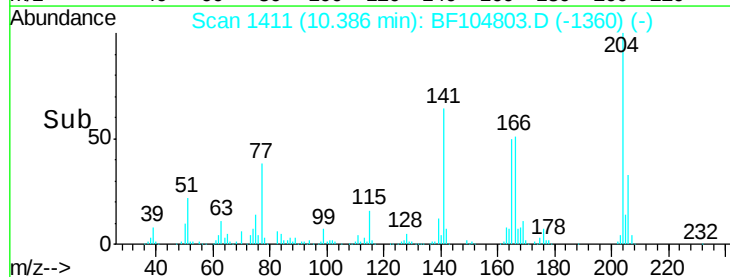
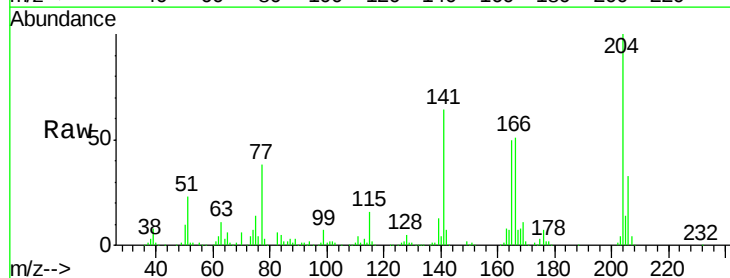
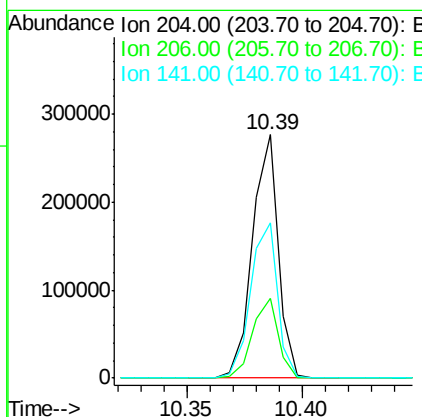
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#60
 4-Chlorophenyl-phenylether
 Concen: 41.913 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: BF104803.D
 Acq: 25 Apr 2018 21:41

Tgt Ion:	204	Resp:	217470
Ion Ratio	Lower	Upper	
204	100		
206	32.8	26.5	39.7
141	63.5	54.6	81.8





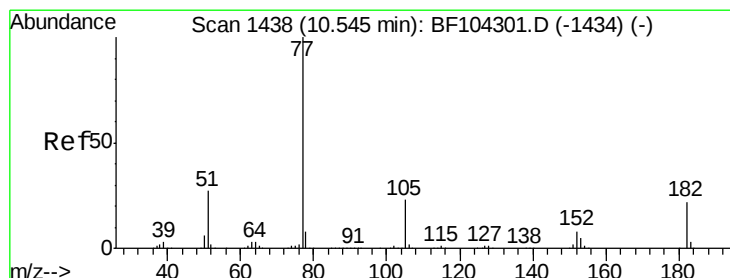
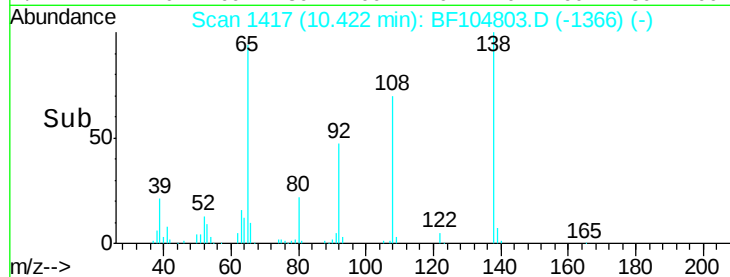
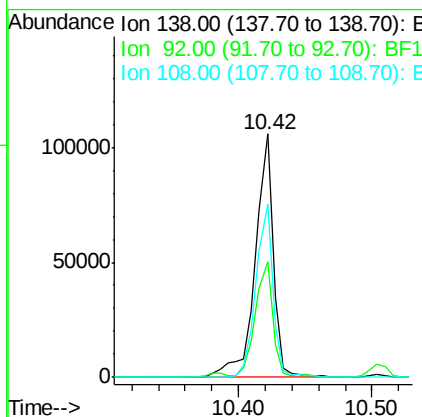
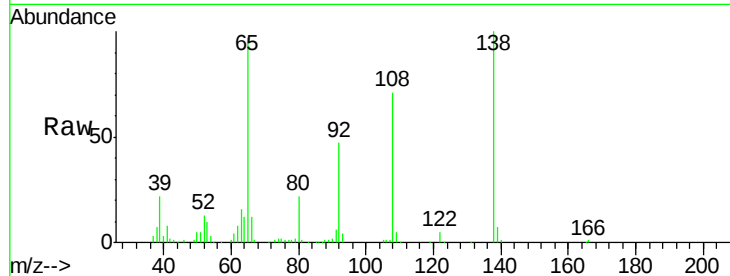
#61
4-Nitroaniline
Concen: 32.455 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.00 min
Lab File: BF104803.D
Acq: 25 Apr 2018 21:41

Instrument :
BNA_F
ClientSampleId :
PB108602BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.4	30.2	70.2
108	71.2	52.5	92.5

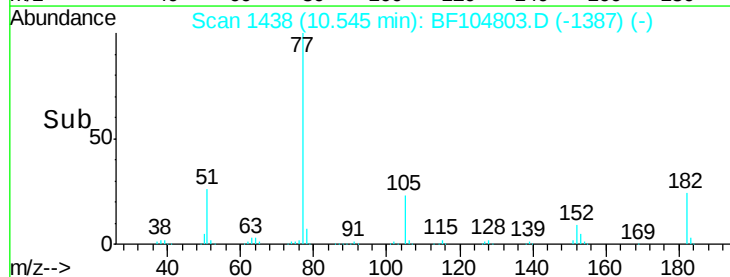
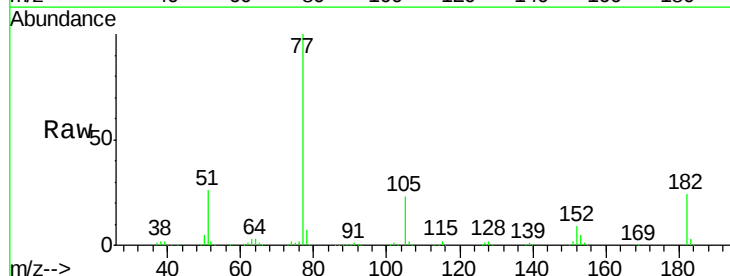
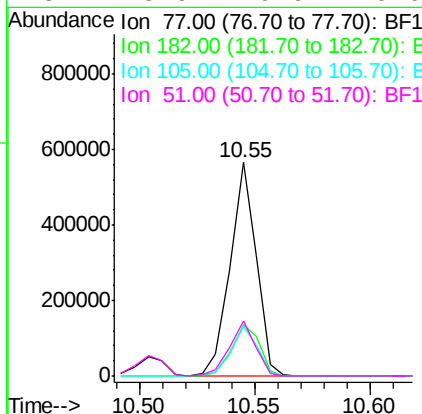
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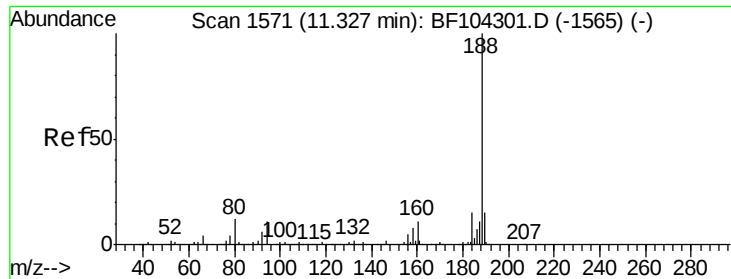
Sohil
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#62
Azobenzene
Concen: 32.706 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF104803.D
Acq: 25 Apr 2018 21:41

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.0	1.7	41.7
105	23.2	3.0	43.0
51	25.9	9.9	49.9





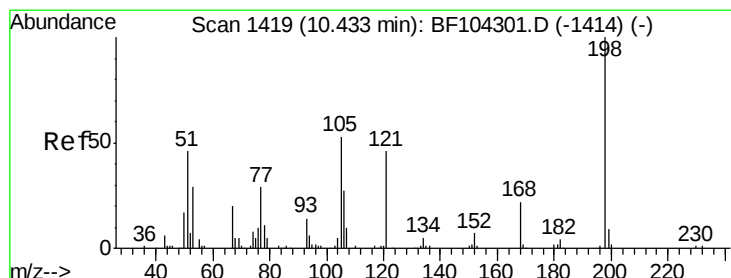
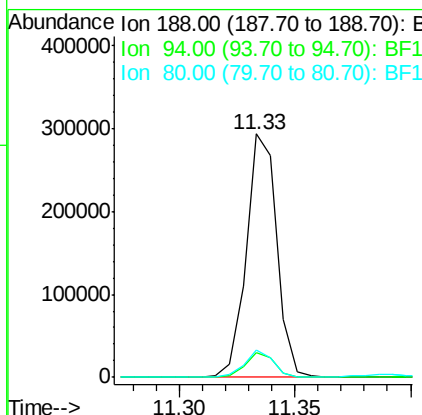
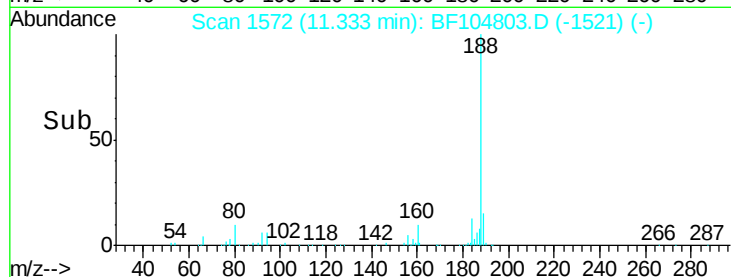
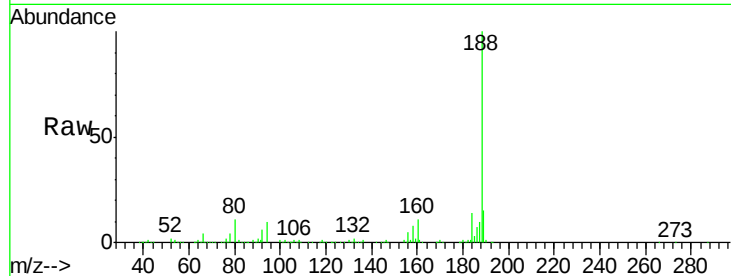
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF104803.D
Acq: 25 Apr 2018 21:41

Instrument :
BNA_F
ClientSampleId :
PB108602BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	271098		
94	10.1		8.5	12.7
80	11.1		9.2	13.8

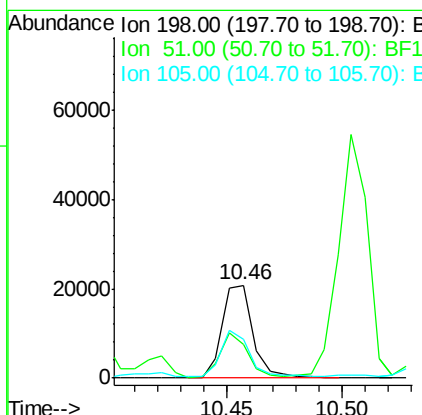
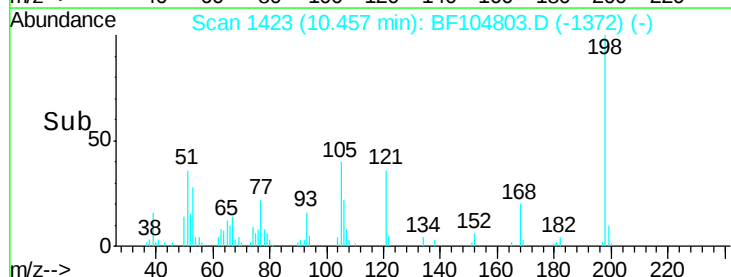
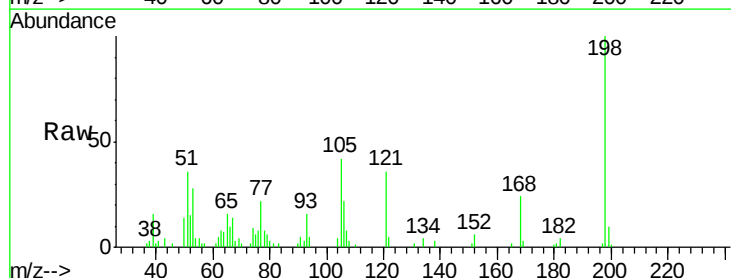
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#64
4,6-Dinitro-2-methylphenol
Concen: 19.756 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF104803.D
Acq: 25 Apr 2018 21:41

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	19344		
51	36.0		37.7	77.7#
105	42.1		36.3	76.3





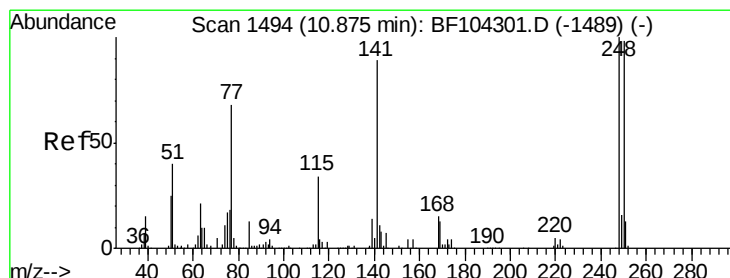
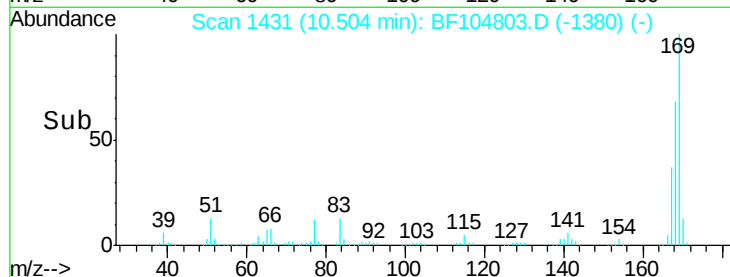
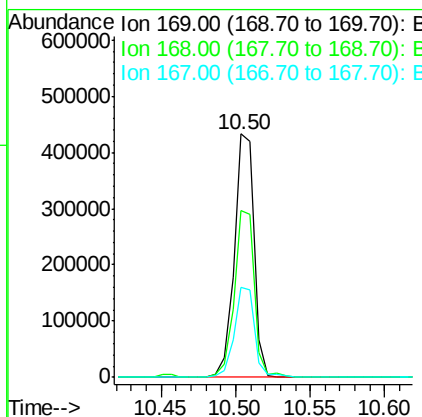
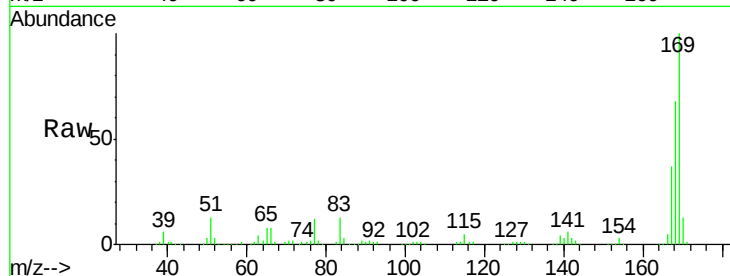
#65
 n-Nitrosodiphenylamine
 Concen: 43.170 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: BF104803.D
 Acq: 25 Apr 2018 21:41

Instrument :
 BNA_F
 ClientSampleId :
 PB108602BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	405784		
168	68.3		54.4	81.6
167	37.1		29.8	44.6

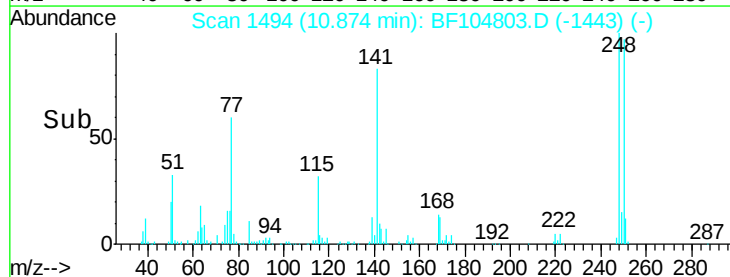
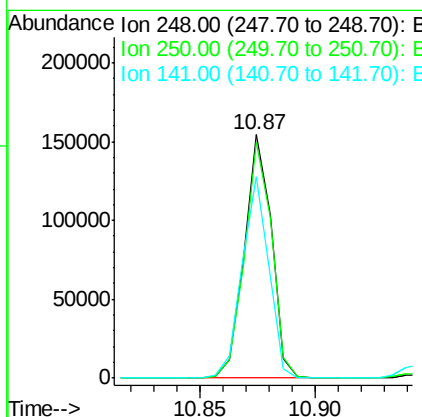
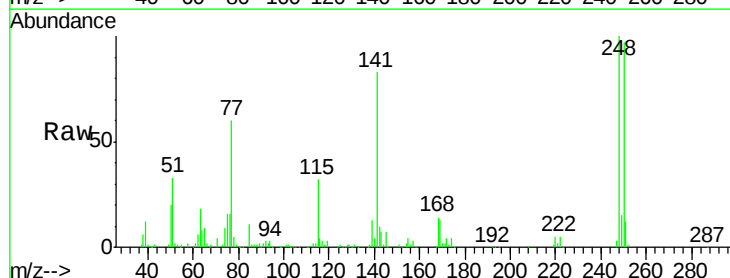
Manual Integrations
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#66
 4-Bromophenyl-phenylether
 Concen: 44.189 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. -0.00 min
 Lab File: BF104803.D
 Acq: 25 Apr 2018 21:41

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	127423		
250	96.6		76.9	115.3
141	82.7		74.4	111.6





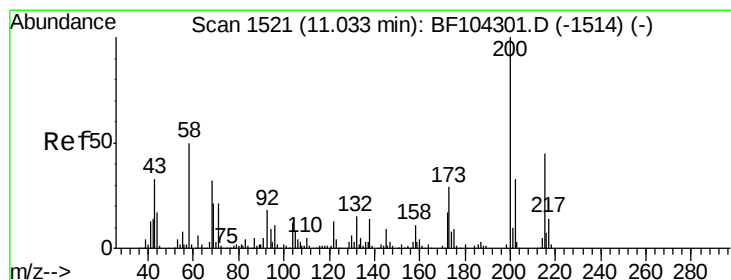
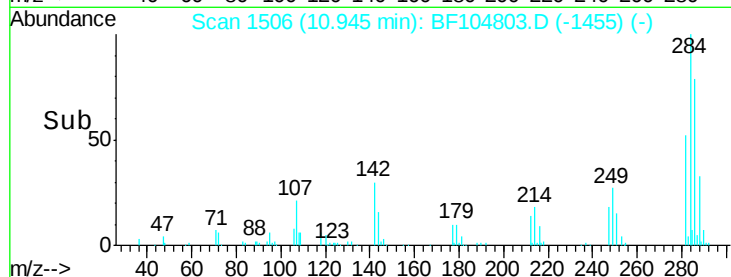
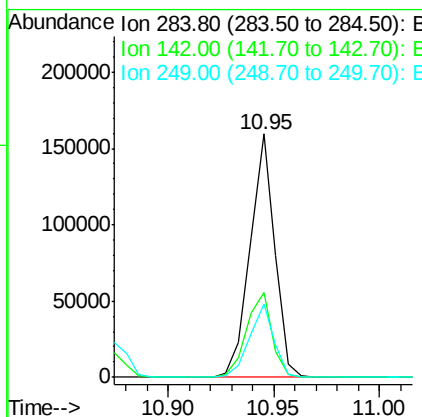
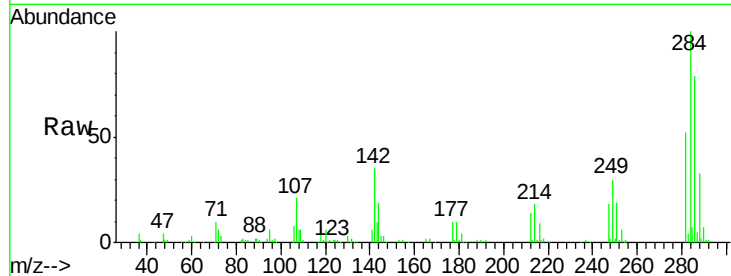
#67
Hexachlorobenzene
Concen: 39.816 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BF104803.D
Acq: 25 Apr 2018 21:41

Instrument :
BNA_F
ClientSampleId :
PB108602BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	129191		
142	35.1	34.6	52.0	
249	30.0	24.8	37.2	

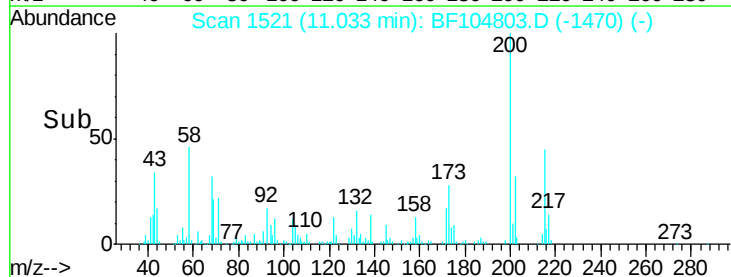
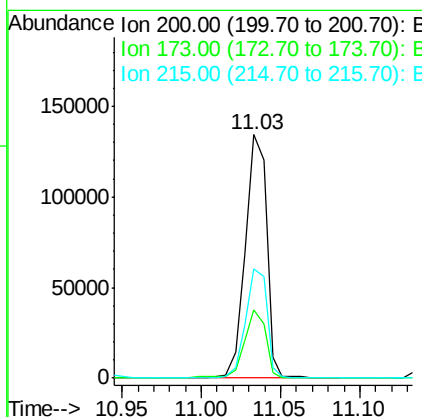
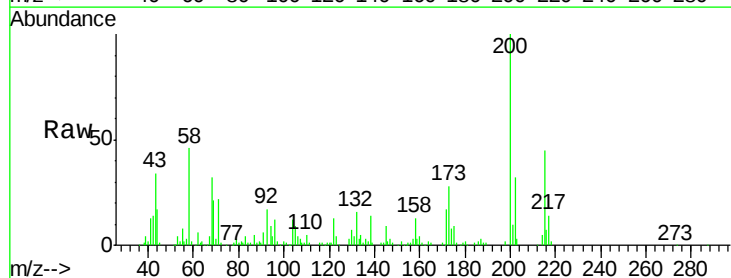
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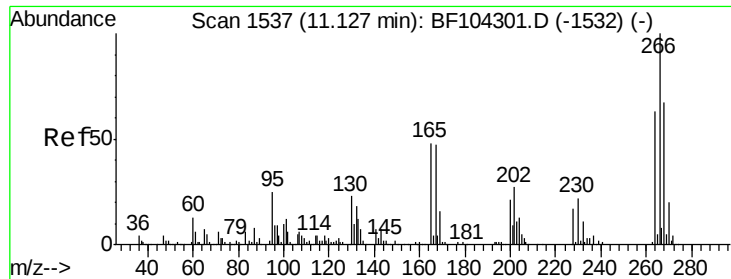
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#68
Atrazine
Concen: 44.213 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BF104803.D
Acq: 25 Apr 2018 21:41

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	125443		
173	28.0	8.6	48.6	
215	44.6	25.1	65.1	





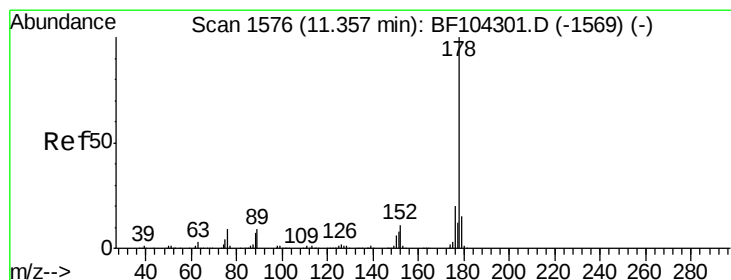
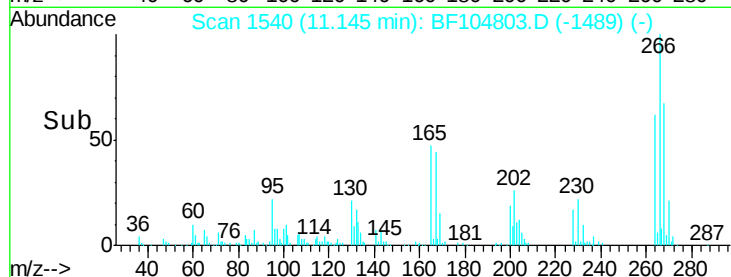
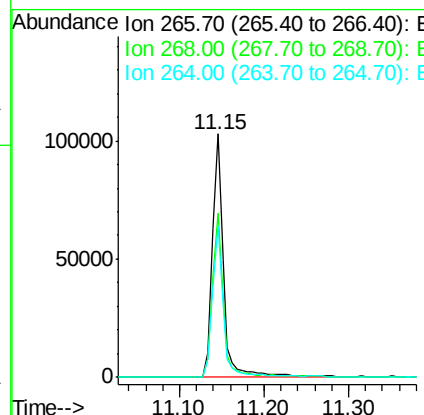
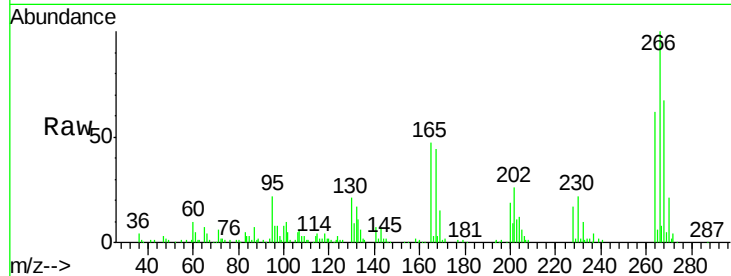
#69
 Pentachlorophenol
 Concen: 48.143 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. -0.00 min
 Lab File: BF104803.D
 Acq: 25 Apr 2018 21:41

Instrument :
 BNA_F
 ClientSampleId :
 PB108602BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	96638		
268	67.3		51.1	76.7
264	62.2		49.5	74.3

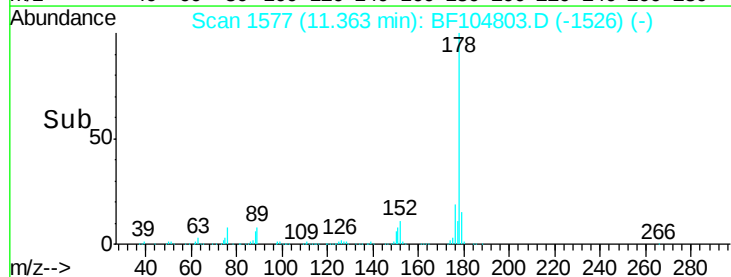
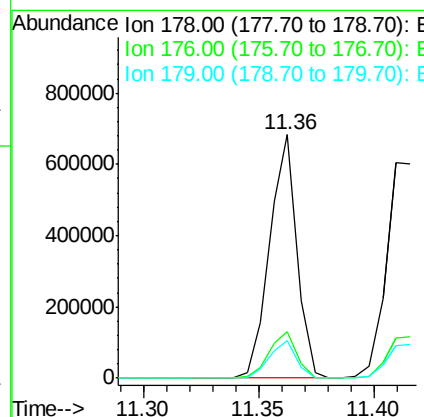
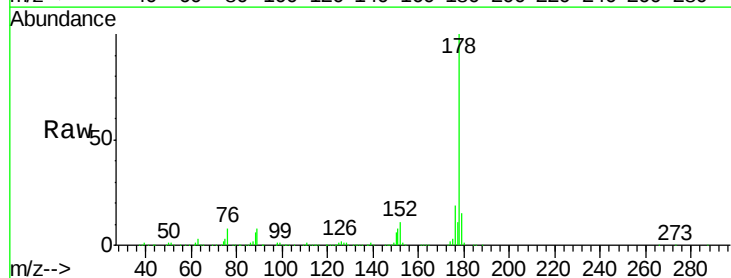
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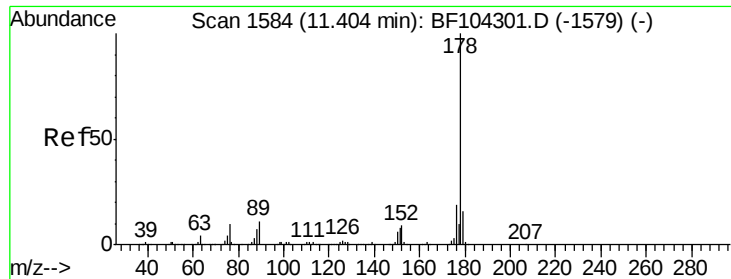
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#70
 Phenanthrene
 Concen: 37.199 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.00 min
 Lab File: BF104803.D
 Acq: 25 Apr 2018 21:41

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	561604		
176	19.2		15.8	23.8
179	15.3		13.0	19.6





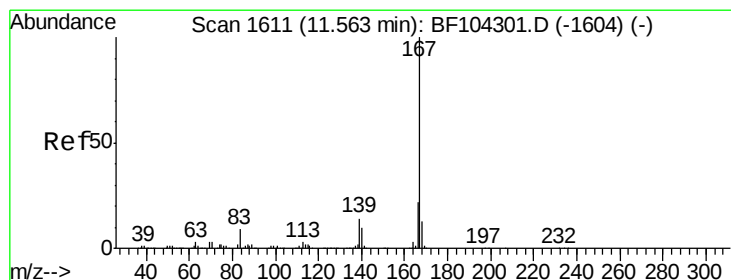
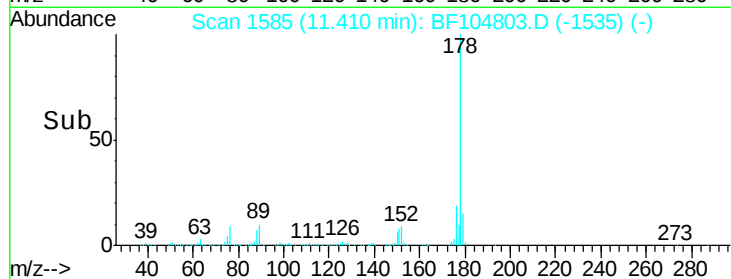
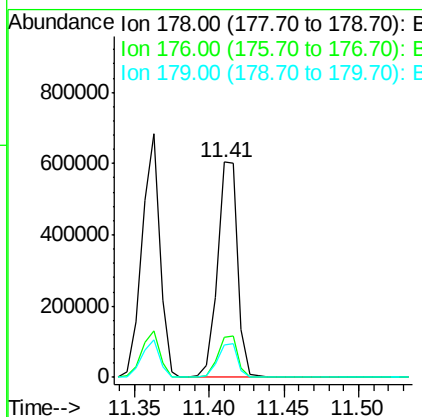
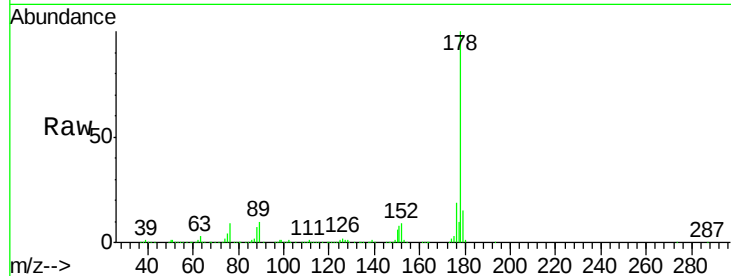
#71
 Anthracene
 Concen: 37.272 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF104803.D
 Acq: 25 Apr 2018 21:41

Instrument :
 BNA_F
 ClientSampleId :
 PB108602BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.3	12.6	19.0

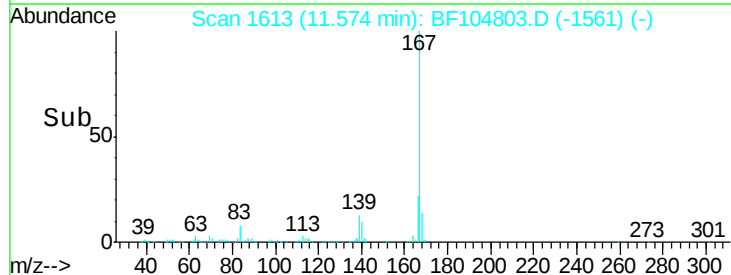
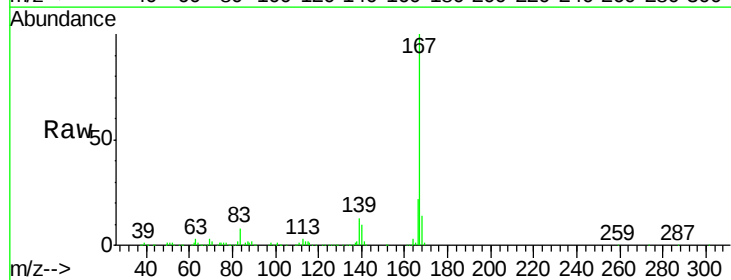
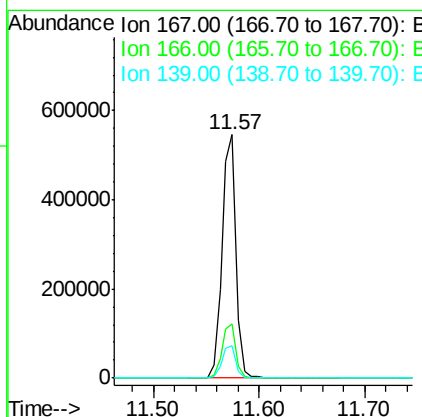
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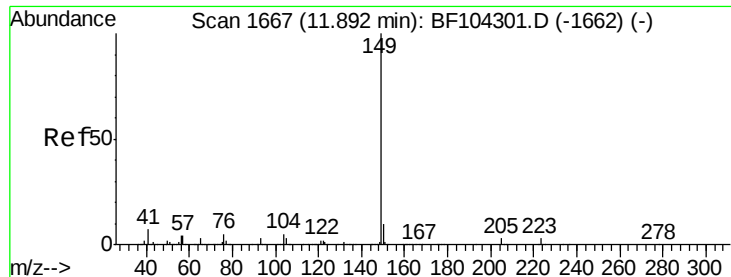
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#72
 Carbazole
 Concen: 33.563 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF104803.D
 Acq: 25 Apr 2018 21:41

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.6	26.4
139	13.3	10.9	16.3





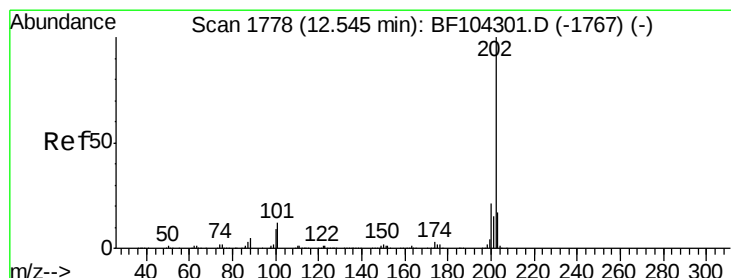
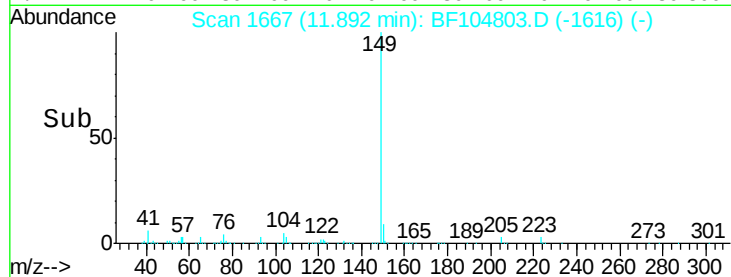
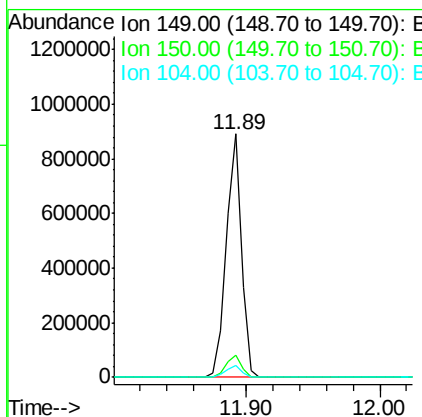
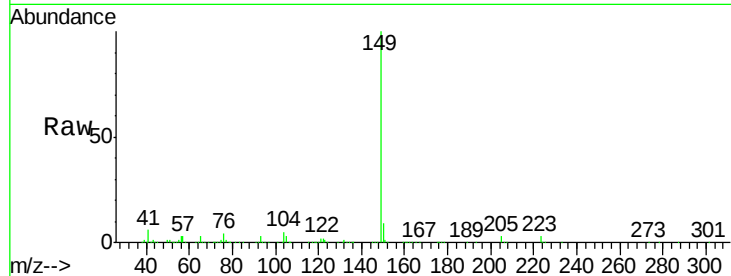
#73
Di-n-butylphthalate
Concen: 39.274 ng
RT: 11.89 min Scan# 1667
Delta R.T. -0.00 min
Lab File: BF104803.D
Acq: 25 Apr 2018 21:41

Instrument :
BNA_F
ClientSampleId :
PB108602BS

Tot Ion:	149	Resp:	719449
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.8	11.6
104	4.7	3.8	5.8

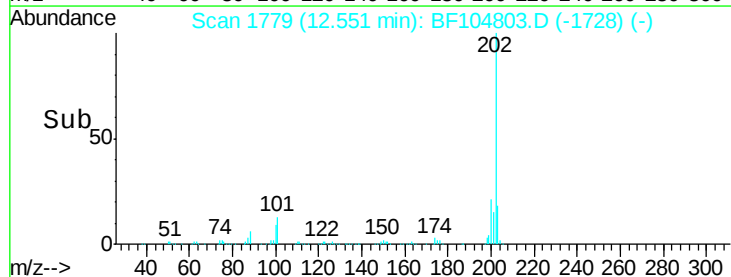
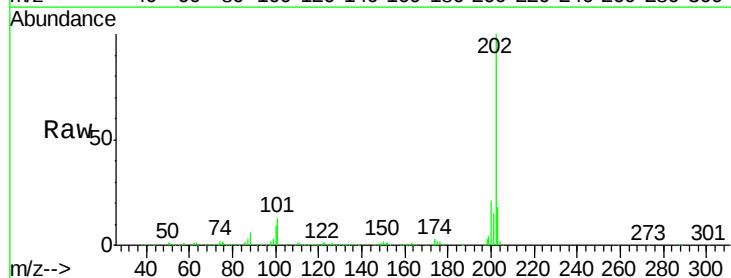
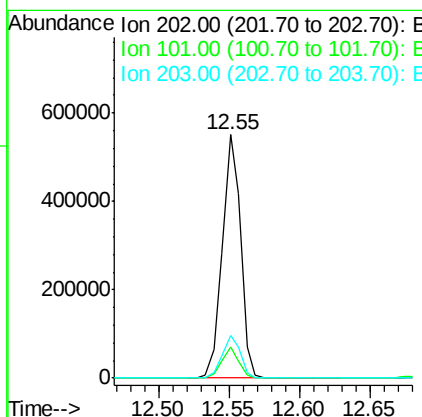
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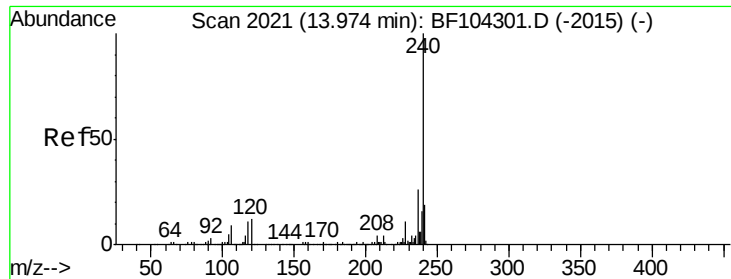
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#74
Fluoranthene
Concen: 31.443 ng
RT: 12.55 min Scan# 1779
Delta R.T. -0.00 min
Lab File: BF104803.D
Acq: 25 Apr 2018 21:41

Tgt Ion:	202	Resp:	495972
Ion Ratio	Lower	Upper	
202	100		
101	12.6	0.0	34.1
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

Instrument :

BNA_F

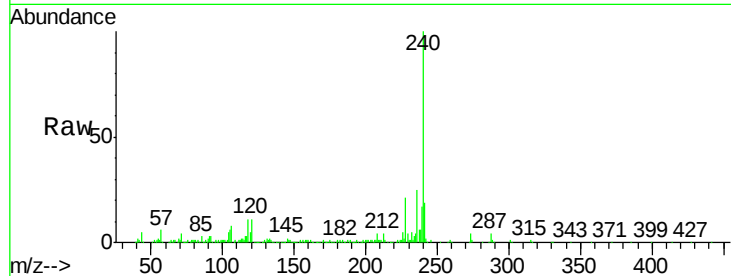
ClientSampleId :

PB108602BS

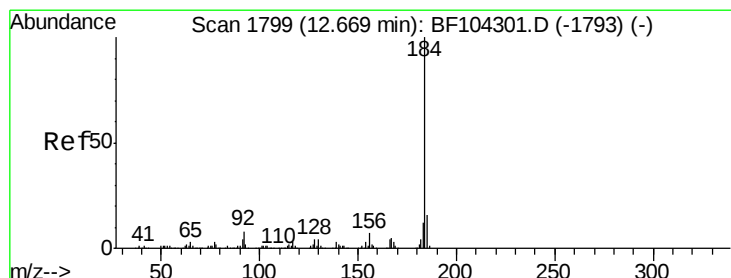
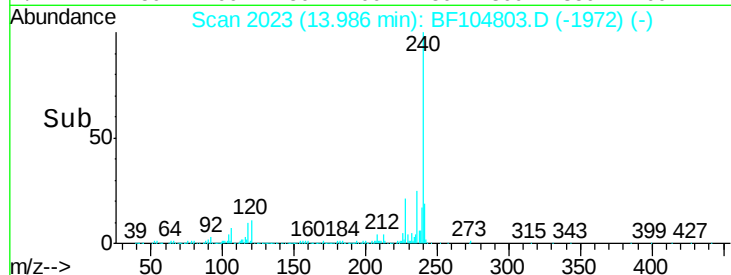
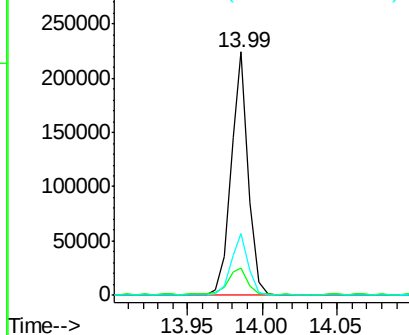
Tot Ion:	240	Resp:	180968
Ion Ratio	Lower	Upper	
240	100		
120	11.0	9.5	14.3
236	25.4	20.7	31.1

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 86.218 ng

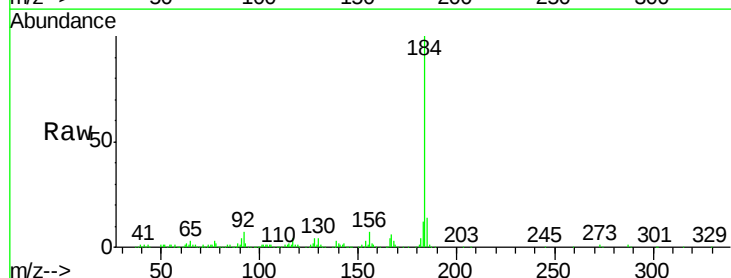
RT: 12.68 min Scan# 1801

Delta R.T. 0.01 min

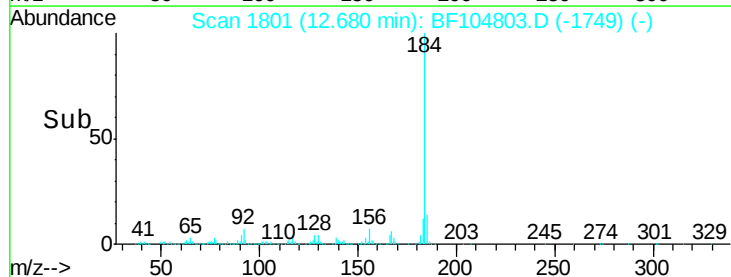
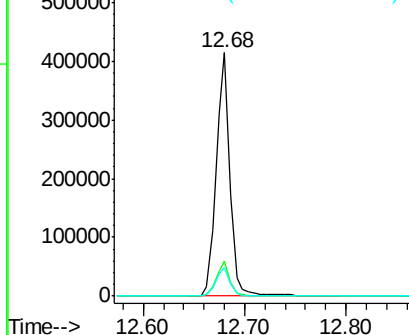
Lab File: BF104803.D

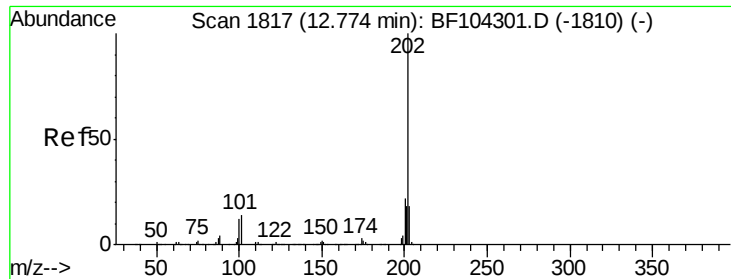
Acq: 25 Apr 2018 21:41

Tgt Ion:	184	Resp:	388858
Ion Ratio	Lower	Upper	
184	100		
185	14.2	12.6	18.8
183	11.9	9.3	13.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





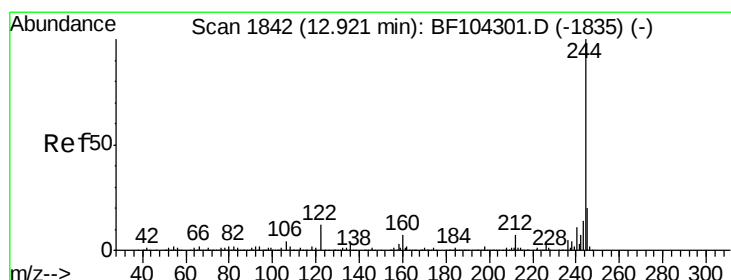
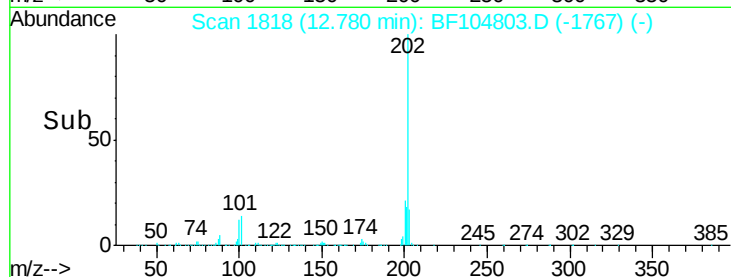
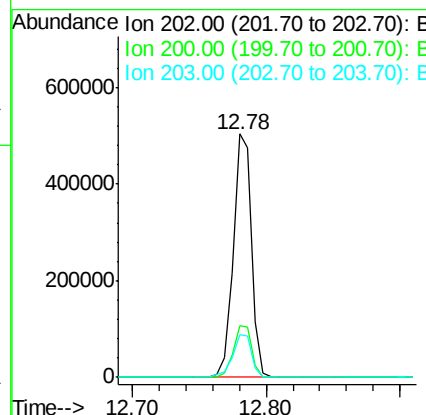
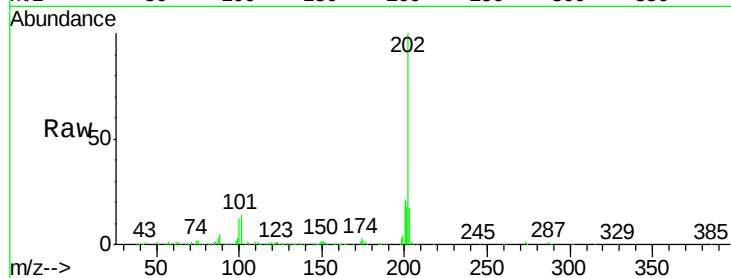
#77
Pvrene
Concen: 36.153 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BF104803.D
Acq: 25 Apr 2018 21:41

Instrument :
BNA_F
ClientSampleId :
PB108602BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	17.4	14.3	21.5

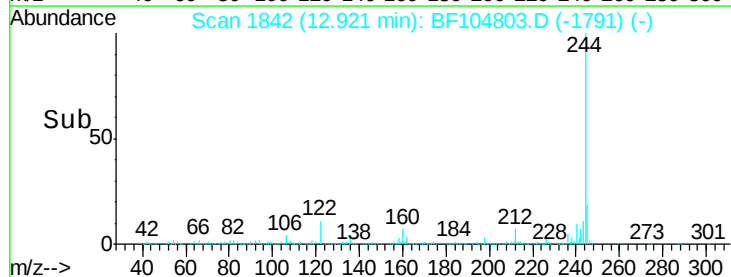
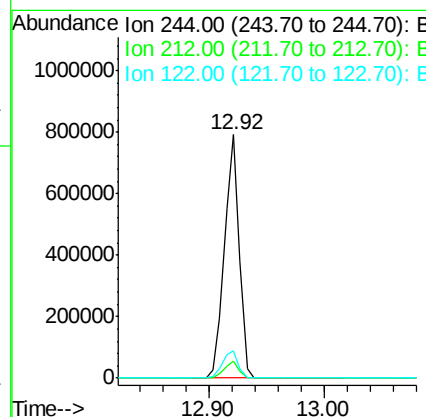
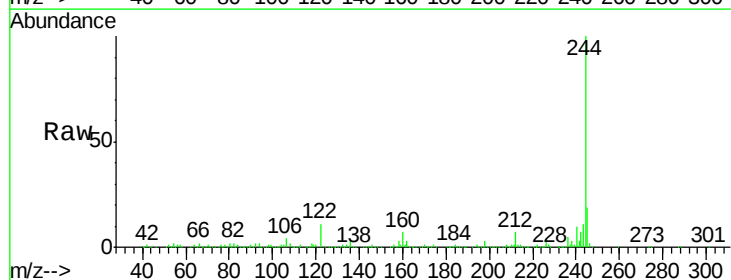
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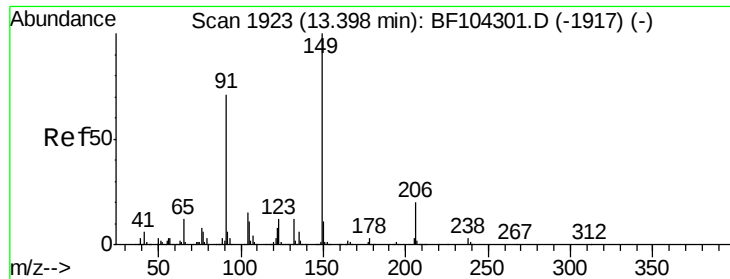
Sohil
4/26/2018 6:14:49 PM



#78
Terphenyl-d14
Concen: 88.100 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BF104803.D
Acq: 25 Apr 2018 21:41

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.3	11.0	16.4





#79

Butylbenzylphthalate

Concen: 36.758 ng

RT: 13.39 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

Instrument :

BNA_F

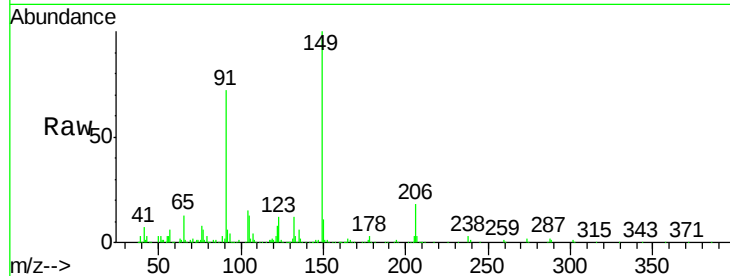
ClientSampleId :

PB108602BS

Tot Ion:	149	Resp:	232293
Ion Ratio	Lower	Upper	
149	100		
91	71.8	56.8	85.2
206	17.6	14.1	21.1

Manual Integrations
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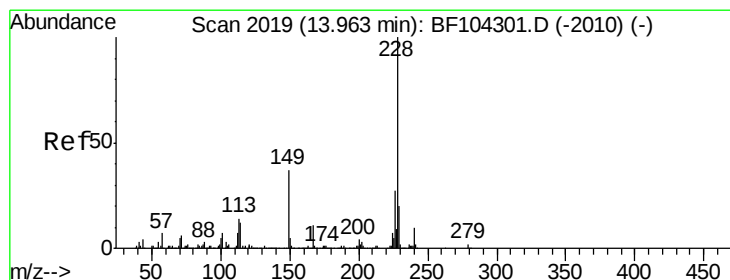
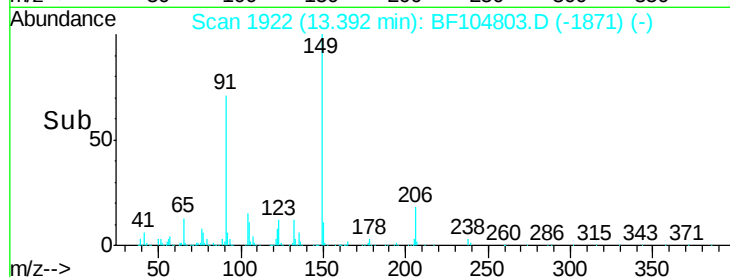
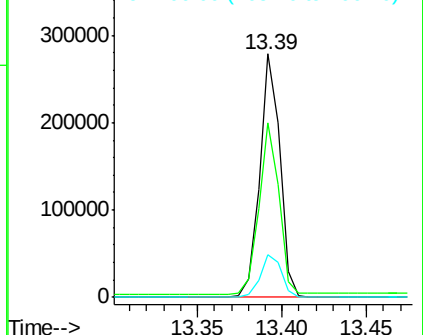
Sohil
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 39.792 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.00 min

Lab File: BF104803.D

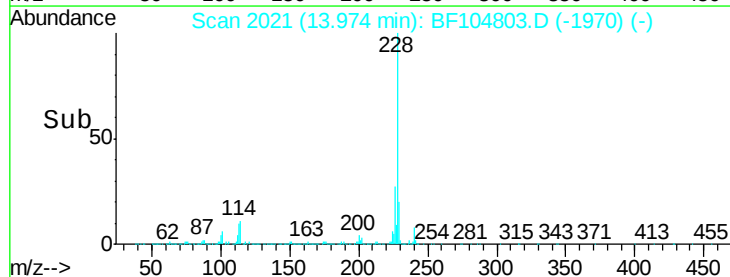
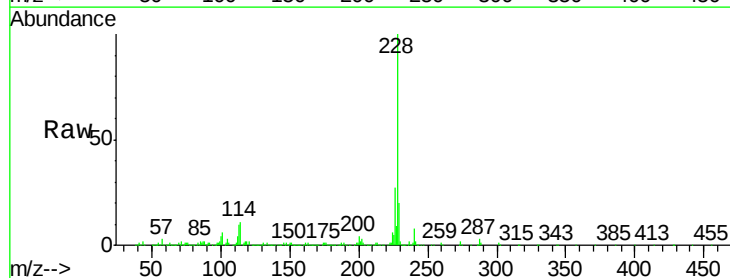
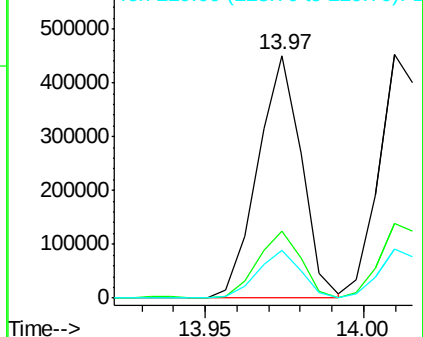
Acq: 25 Apr 2018 21:41

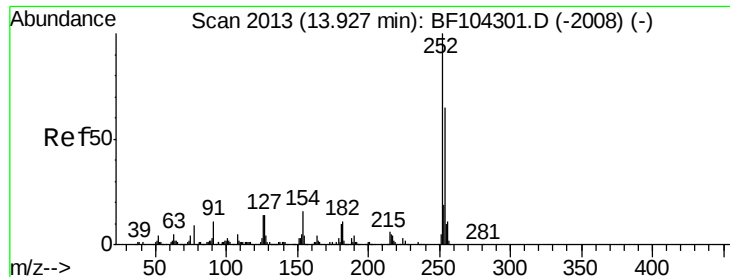
Tgt Ion:	228	Resp:	430198
Ion Ratio	Lower	Upper	
228	100		
226	27.5	22.6	33.8
229	19.6	15.8	23.6

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





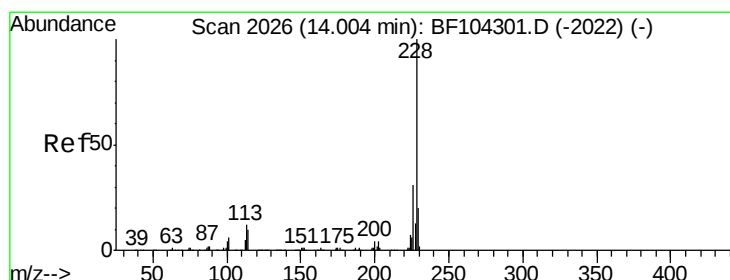
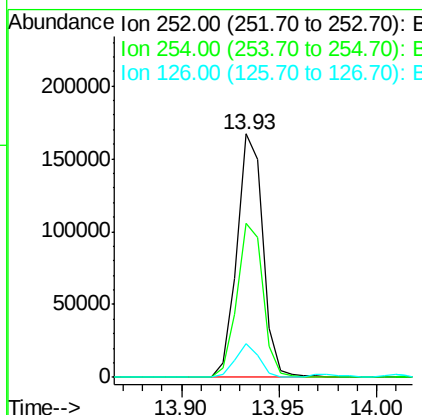
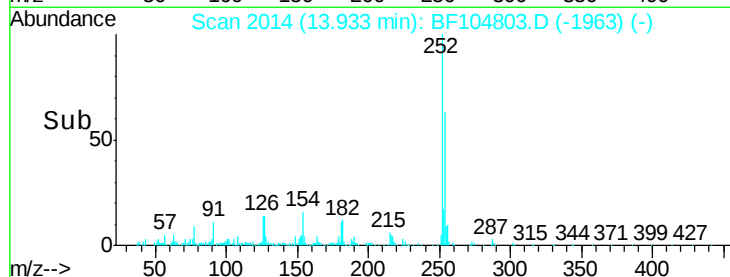
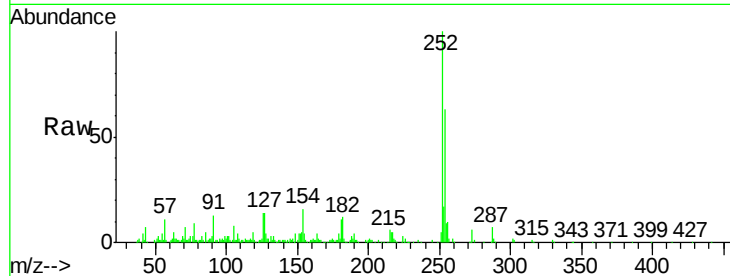
#81
 3,3'-Dichlorobenzidine
 Concen: 38.315 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.00 min
 Lab File: BF104803.D
 Acq: 25 Apr 2018 21:41

Instrument :
 BNA_F
 ClientSampleId :
 PB108602BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.2	50.4	75.6
126	13.7	11.3	16.9

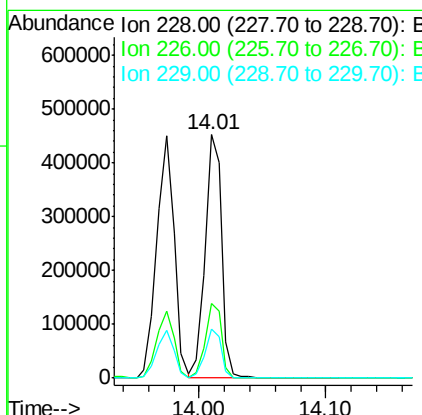
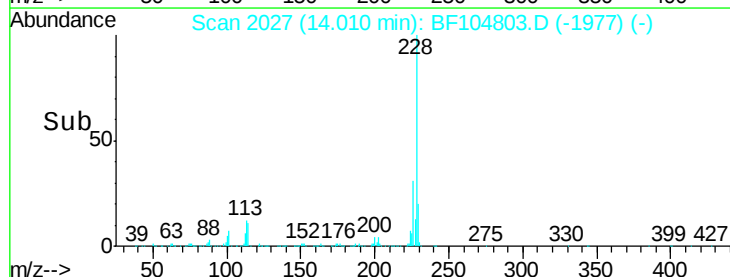
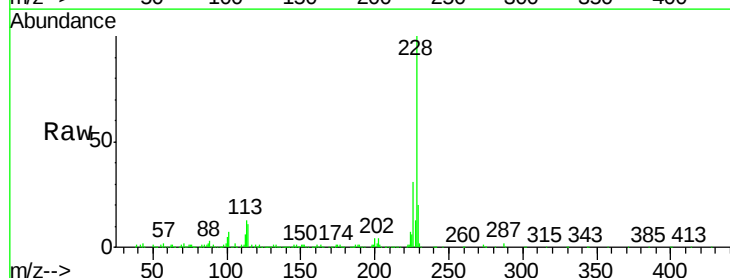
Manual Integrations
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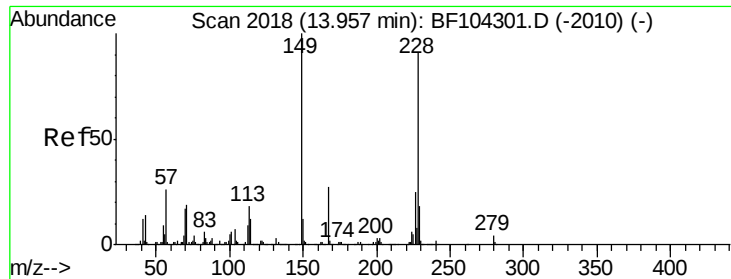
Sohil
 4/26/2018 6:14:49 PM



#82
 Chrysene
 Concen: 36.912 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF104803.D
 Acq: 25 Apr 2018 21:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	20.0	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.908 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

Instrument :

BNA_F

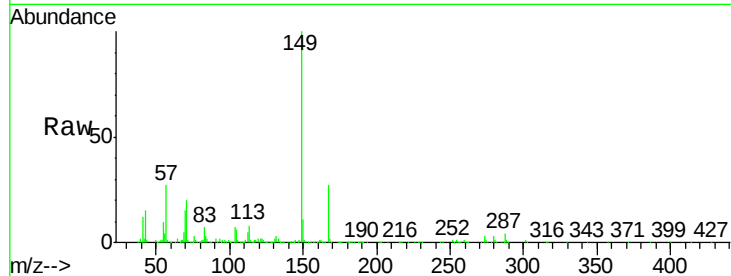
ClientSampleId :

PB108602BS

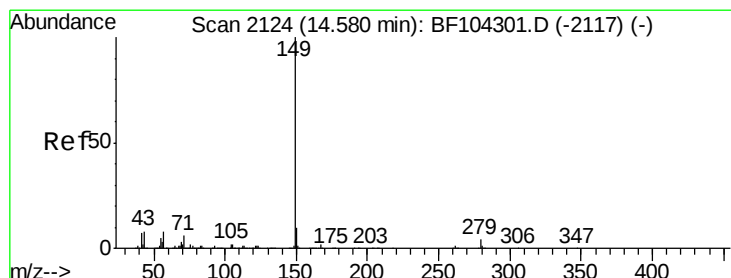
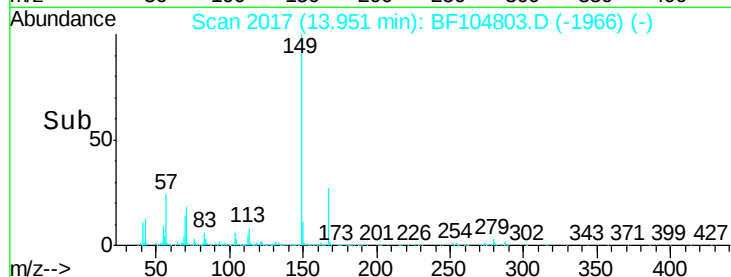
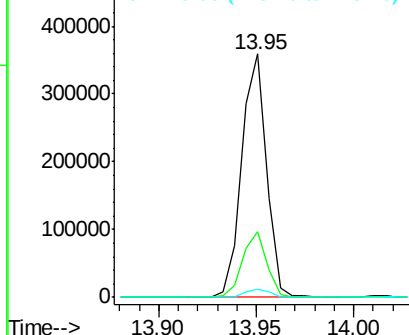
Tot Ion:	149	Resp:	316265
Ion Ratio	Lower	Upper	
149	100		
167	27.0	21.3	31.9
279	3.5	3.0	4.4

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



#84

Di-n-octyl phthalate

Concen: 39.099 ng

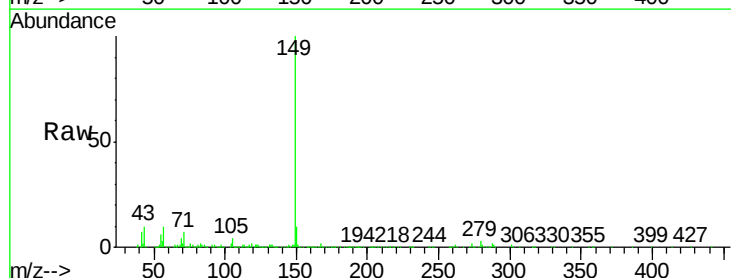
RT: 14.57 min Scan# 2122

Delta R.T. -0.01 min

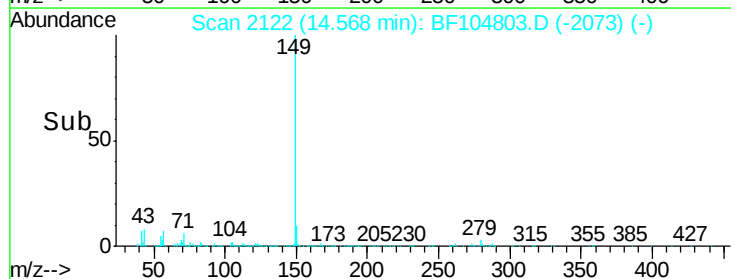
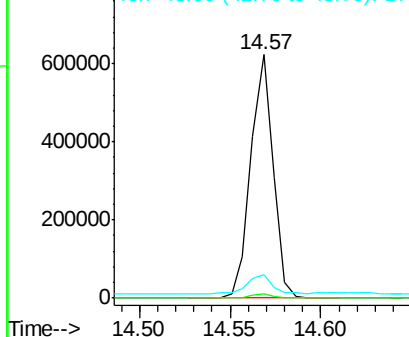
Lab File: BF104803.D

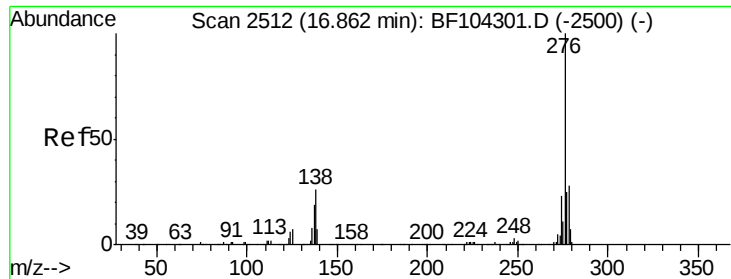
Acq: 25 Apr 2018 21:41

Tgt Ion:	149	Resp:	531046
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	8.5	8.4	12.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 32.054 ng

RT: 16.92 min Scan# 2521

Delta R.T. -0.02 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

Instrument :

BNA_F

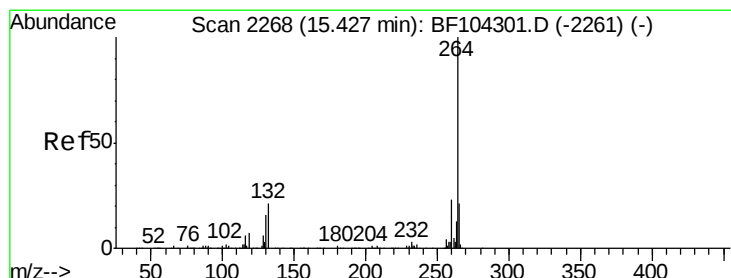
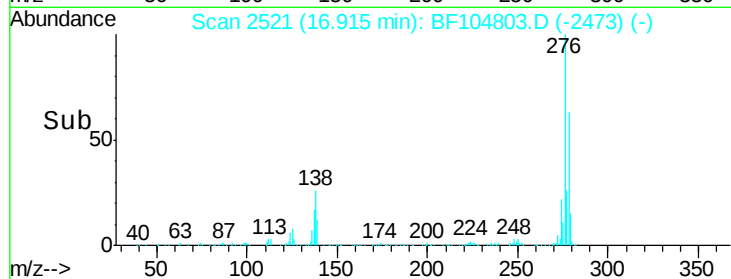
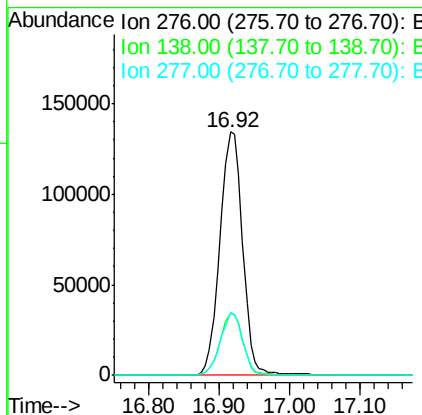
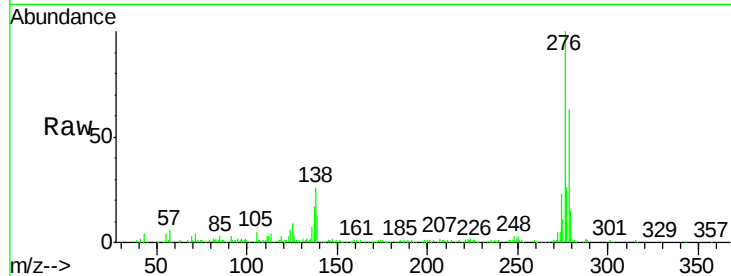
ClientSampleId :

PB108602BS

Tot Ion:	276	Resp:	302376
Ion Ratio		Lower	Upper
276	100		
138	25.6	25.0	37.6
277	25.1	20.1	30.1

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#86

Perylene-d12

Concen: 20.000 ng

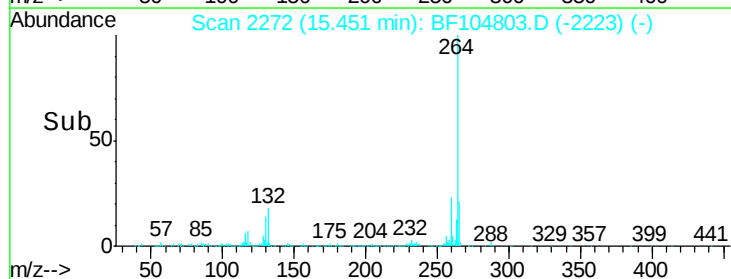
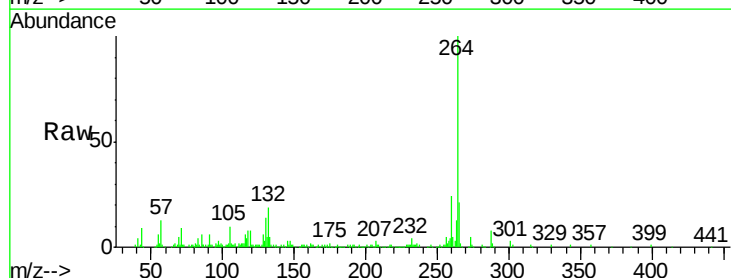
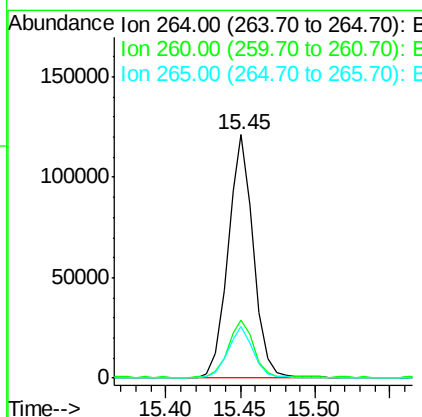
RT: 15.45 min Scan# 2272

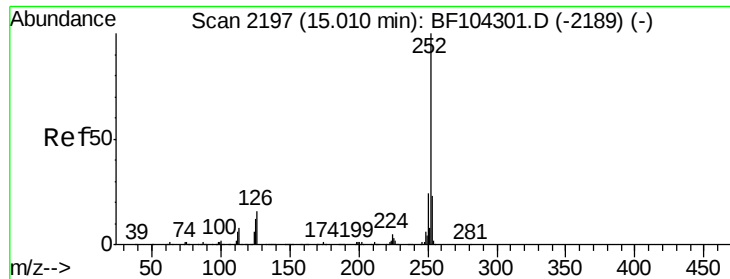
Delta R.T. -0.01 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

Tgt Ion:	264	Resp:	144014
Ion Ratio		Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.3	17.5	26.3





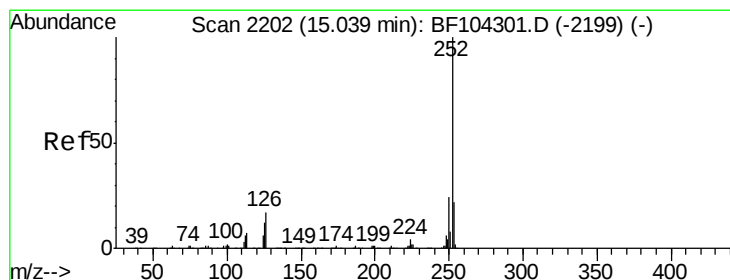
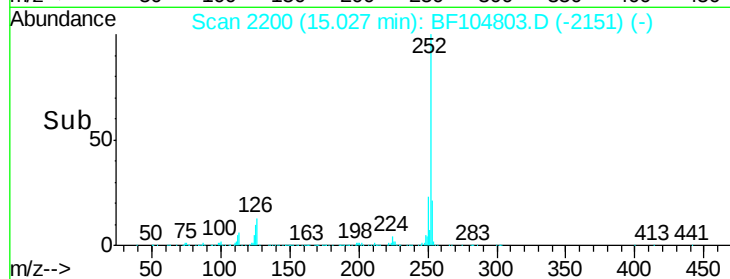
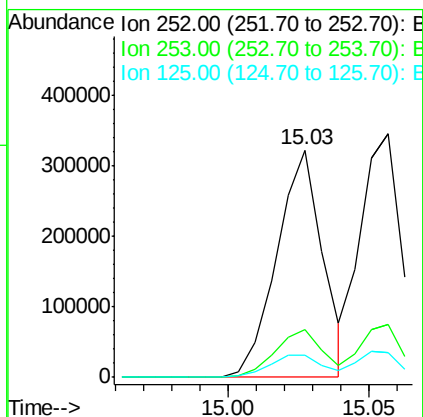
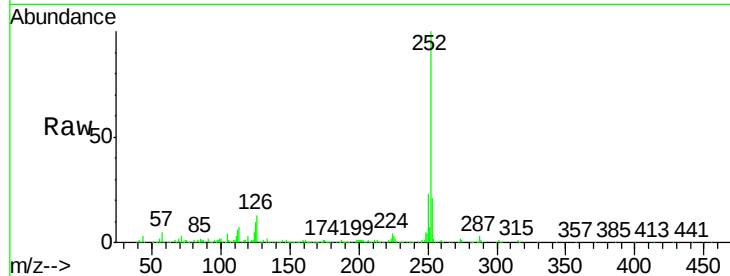
#87
Benzo(b)fluoranthene
Concen: 39.991 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF104803.D
Acq: 25 Apr 2018 21:41

Instrument :
BNA_F
ClientSampleId :
PB108602BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.0	25.6
125	10.0	9.0	13.6

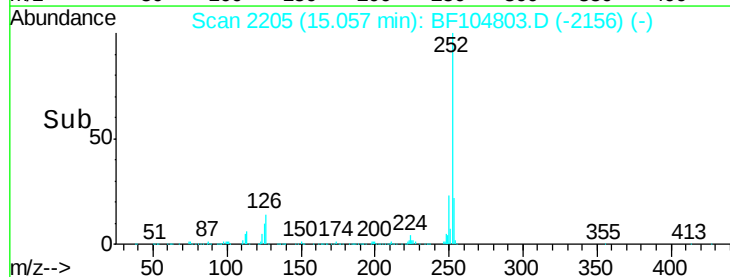
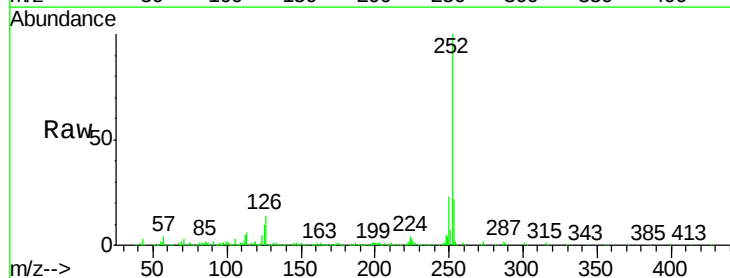
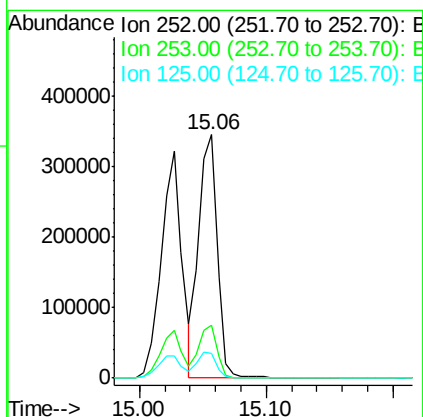
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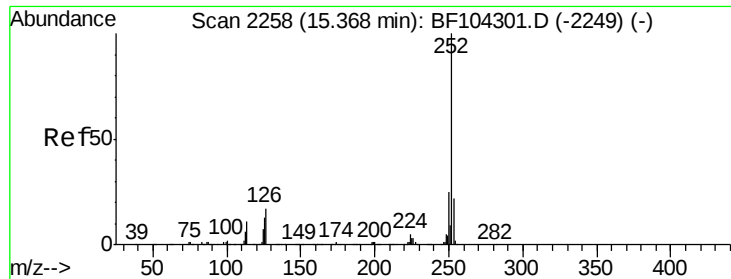
Sohil
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#88
Benzo(k)fluoranthene
Concen: 40.665 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BF104803.D
Acq: 25 Apr 2018 21:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	10.1	10.2	15.2





#89

Benzo(a)pyrene

Concen: 38.739 ng

RT: 15.39 min Scan# 2262

Delta R.T. -0.01 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

Instrument :

BNA_F

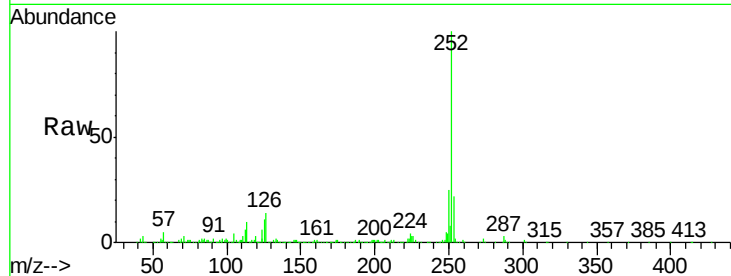
ClientSampleId :

PB108602BS

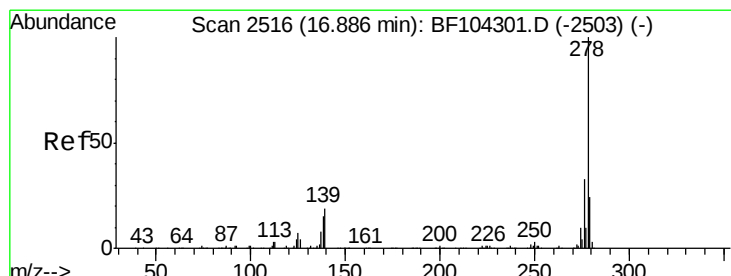
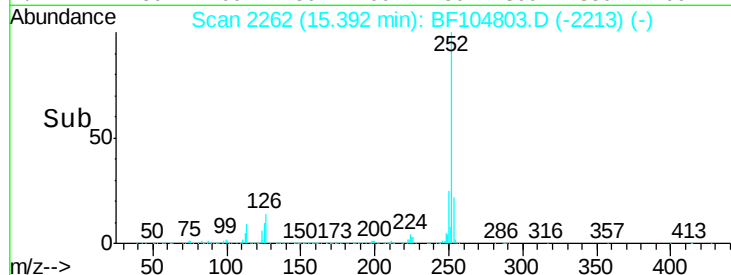
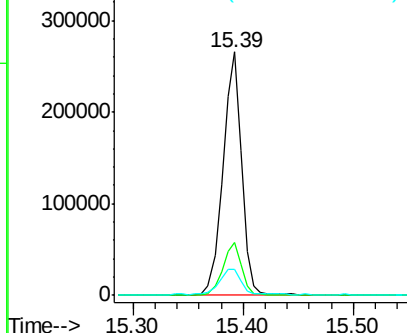
Tot Ion:	252	Resp:	315276
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.1	25.7
125	10.6	9.8	14.6

Manual Integrations
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.391 ng

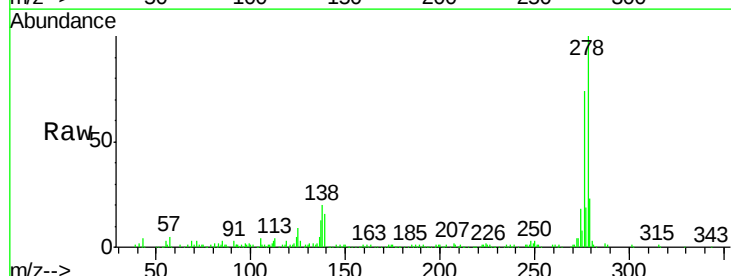
RT: 16.93 min Scan# 2523

Delta R.T. -0.02 min

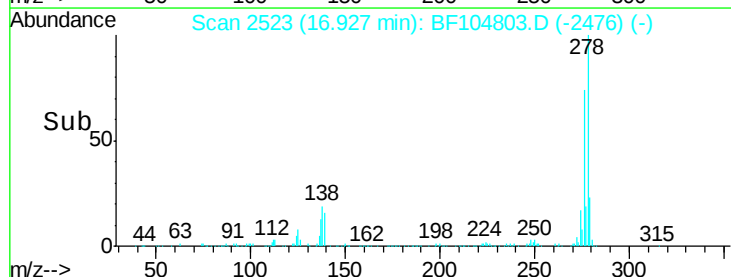
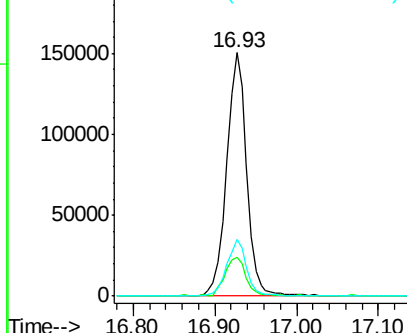
Lab File: BF104803.D

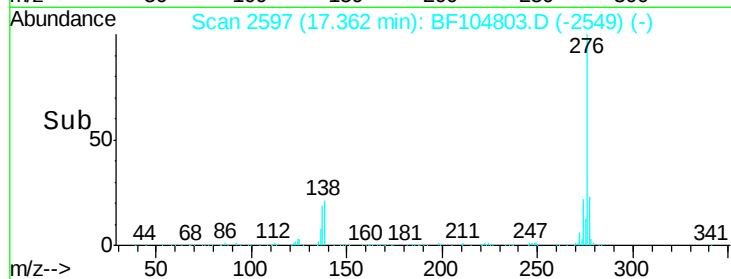
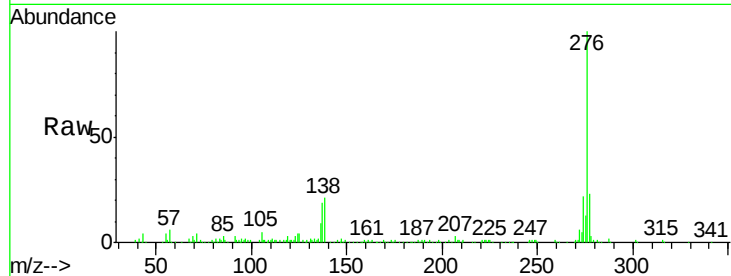
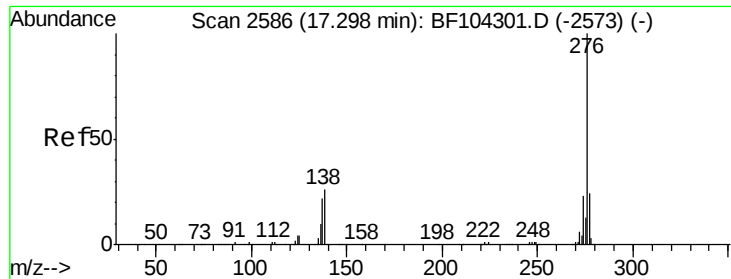
Acq: 25 Apr 2018 21:41

Tgt Ion:	278	Resp:	256607
Ion Ratio	Lower	Upper	
278	100		
139	16.1	15.9	23.9
279	23.1	19.0	28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 37.071 ng

RT: 17.36 min Scan# 2597

Delta R.T. -0.02 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

Instrument :

BNA_F

ClientSampleId :

PB108602BS

Tot Ion:	276	Resp:	240062
Ion Ratio	Lower	Upper	
276	100		
277	22.5	17.9	26.9
138	20.9	21.8	32.8#

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