

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
 Data File : BF104474.D
 Acq On : 13 Apr 2018 13:21
 Operator : JU/SJ
 Sample : PB108213BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108213BS

Manual Integrations
 APPROVED

Sohil
 4/16/2018 3:09:58 PM

Quant Time: Apr 13 17:47:23 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 13 17:38:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	136831	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	570827	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	274810	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	525849	20.00	ng	0.00
75) Chrysene-d12	13.99	240	389272	20.00	ng	0.00
86) Perylene-d12	15.46	264	278190	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1047530	117.06	ng	0.01
7) Phenol-d6	6.45	99	1286934	117.05	ng	0.00
23) Nitrobenzene-d5	7.38	82	821906	94.02	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	366599	128.60	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1480538	85.11	ng	0.00
78) Terphenyl-d14	12.93	244	1546165	90.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	136370	32.705	ng	# 89
3) Pyridine	3.35	79	389559	33.229	ng	87
4) n-Nitrosodimethylamine	3.30	42	166332	40.588	ng	83
6) Aniline	6.47	93	475908	31.154	ng	98
8) 2-Chlorophenol	6.60	128	402474	42.612	ng	97
9) Benzaldehyde	6.36	77	128323	19.284	ng	99
10) Phenol	6.46	94	484330	41.516	ng	88
11) bis(2-Chloroethyl)ether	6.55	93	372853	40.050	ng	96
12) 1,3-Dichlorobenzene	6.75	146	412142	38.517	ng	98
13) 1,4-Dichlorobenzene	6.83	146	416490	39.047	ng	99
14) 1,2-Dichlorobenzene	6.98	146	388849	39.339	ng	99
15) Benzyl Alcohol	6.96	79	340407	40.762	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	475627	38.043	ng	91
17) 2-Methylphenol	7.07	107	345258	42.052	ng	97
18) Hexachloroethane	7.32	117	152587	40.123	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	267369	37.213	ng	90
20) 3+4-Methylphenols	7.22	107	394224	38.716	ng	# 72
22) Acetophenone	7.22	105	525482	37.392	ng	# 93
24) Nitrobenzene	7.40	77	418534	43.364	ng	98
25) Isophorone	7.64	82	778260	42.100	ng	99
26) 2-Nitrophenol	7.71	139	227856	57.991	ng	97
27) 2,4-Dimethylphenol	7.75	122	367918	45.097	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	493073	43.625	ng	99
29) 2,4-Dichlorophenol	7.96	162	347292	44.614	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	343625	40.223	ng	99
31) Naphthalene	8.12	128	1149346	40.436	ng	99
32) Benzoic acid	7.89	122	281265	43.208	ng	94
33) 4-Chloroaniline	8.17	127	406912	33.415	ng	96
34) Hexachlorobutadiene	8.23	225	185277	39.595	ng	99
35) Caprolactam	8.55	113	120135m	44.239	ng	
36) 4-Chloro-3-methylphenol	8.66	107	381479	45.703	ng	97
37) 2-Methylnaphthalene	8.81	142	767106	41.722	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	323833	41.165	ng	99
40) Hexachlorocyclopentadiene	8.96	237	357526	81.182	ng	100

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Instrument :
 BNA_F
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 PB108213BS

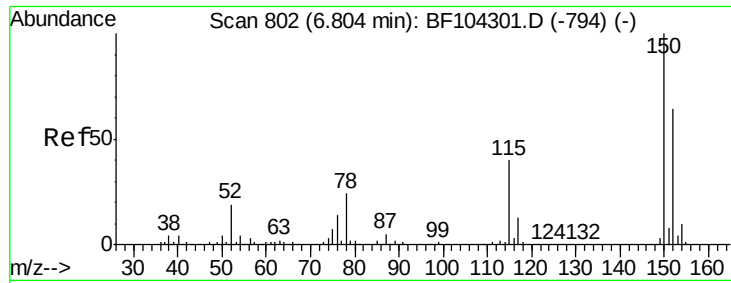
Manual Integrations
 APPROVED

Sohil
 4/16/2018 3:09:58 PM

Quant Time: Apr 13 17:47:23 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 13 17:38:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	244978	44.860	nq	100
43) 2,4,5-Trichlorophenol	9.13	196	264743	43.323	nq	98
45) 1,1'-Biphenyl	9.27	154	922625	39.965	nq	99
46) 2-Chloronaphthalene	9.30	162	729668	40.015	nq	99
47) 2-Nitroaniline	9.40	65	235899	52.311	nq	99
48) Acenaphthylene	9.72	152	1111132	38.837	nq	99
49) Dimethylphthalate	9.58	163	904075	41.718	nq	100
50) 2,6-Dinitrotoluene	9.65	165	203346	50.710	nq	88
51) Acenaphthene	9.89	154	648172	37.132	nq	100
52) 3-Nitroaniline	9.81	138	186224	39.669	nq	99
53) 2,4-Dinitrophenol	9.92	184	223146	112.745	nq #	24
54) Dibenzofuran	10.06	168	973766	40.029	nq	97
55) 4-Nitrophenol	9.98	139	365111	99.009	nq	99
56) 2,4-Dinitrotoluene	10.05	165	264400	50.267	nq	97
57) Fluorene	10.40	166	765049	43.206	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	208085	45.642	nq	96
59) Diethylphthalate	10.28	149	896548	41.540	nq	98
60) 4-Chlorophenyl-phenylether	10.39	204	349099	44.270	nq	99
61) 4-Nitroaniline	10.43	138	230416	50.198	nq	99
62) Azobenzene	10.56	77	824614	39.991	nq	96
64) 4,6-Dinitro-2-methylphenol	10.46	198	137733	52.896	nq #	76
65) n-Nitrosodiphenylamine	10.52	169	715753	39.257	nq	100
66) 4-Bromophenyl-phenylether	10.89	248	232213	41.516	nq	93
67) Hexachlorobenzene	10.95	284	254166	40.384	nq	94
68) Atrazine	11.05	200	234883	42.679	nq	98
69) Pentachlorophenol	11.15	266	270213	69.399	nq	96
70) Phenanthrene	11.37	178	1140915	38.960	nq	99
71) Anthracene	11.42	178	1191715	40.034	nq	99
72) Carbazole	11.58	167	1109818	38.153	nq	100
73) Di-n-butylphthalate	11.90	149	1372382	38.623	nq	100
74) Fluoranthene	12.56	202	1203479	39.334	nq	97
76) Benzidine	12.68	184	498116	36.923	nq	97
77) Pyrene	12.79	202	1208497	41.883	nq	100
79) Butylbenzylphthalate	13.40	149	580934	42.736	nq	97
80) Benzo(a)anthracene	13.98	228	1007027	43.303	nq	100
81) 3,3'-Dichlorobenzidine	13.95	252	290444	33.496	nq	96
82) Chrysene	14.02	228	949348	39.743	nq	100
83) Bis(2-ethylhexyl)phthalate	13.96	149	771516	44.125	nq	99
84) Di-n-octyl phthalate	14.59	149	1156845	39.597	nq	95
85) Indeno(1,2,3-cd)pyrene	16.92	276	803695	39.607	nq	96
87) Benzo(b)fluoranthene	15.03	252	805790	45.862	nq	99
88) Benzo(k)fluoranthene	15.06	252	750547	45.247	nq	99
89) Benzo(a)pyrene	15.40	252	712789	45.341	nq	98
90) Dibenzo(a,h)anthracene	16.94	278	669187	51.829	nq	98
91) Benzo(g,h,i)perylene	17.37	276	696656	55.692	nq	95

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



#1

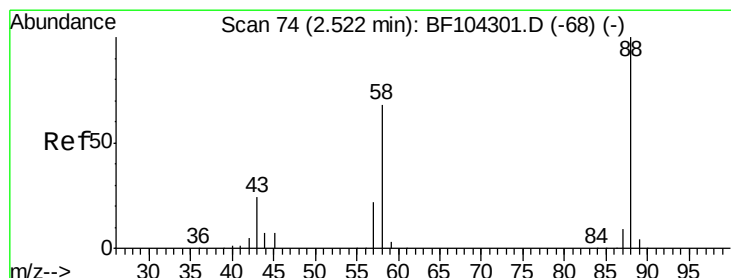
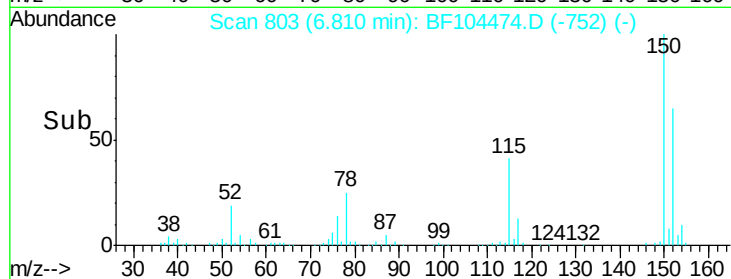
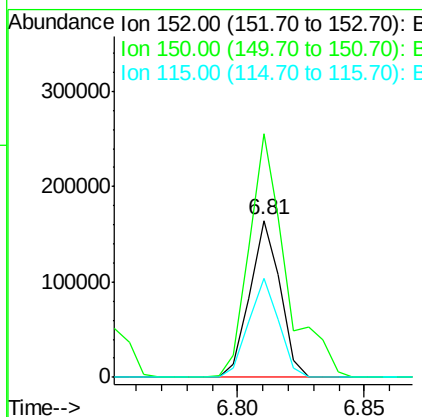
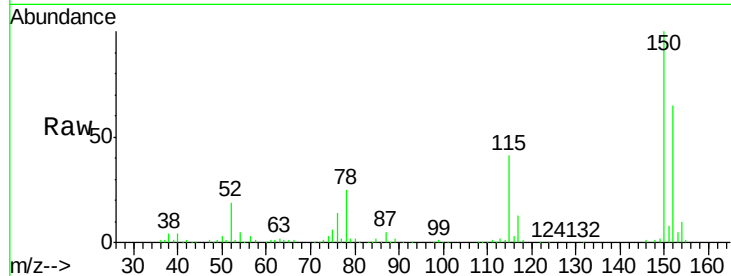
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Instrument :
BNA_F
ClientSampleId :
PB108213BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.6	186.8
115	62.8	50.1	75.1

Manual Integrations
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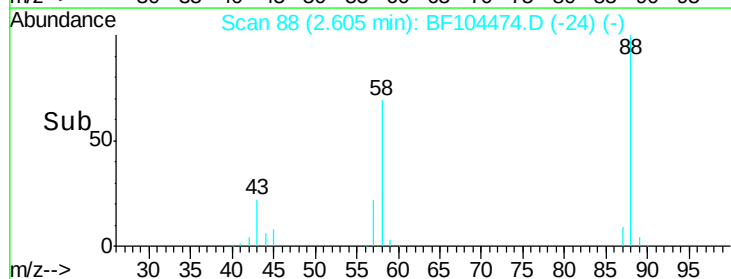
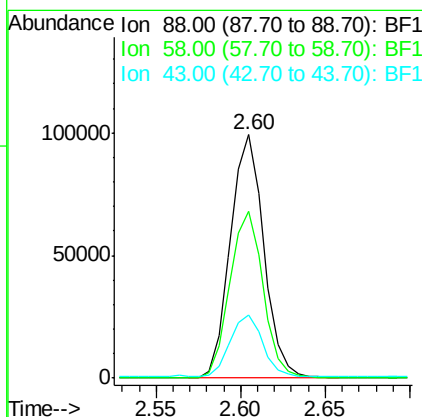
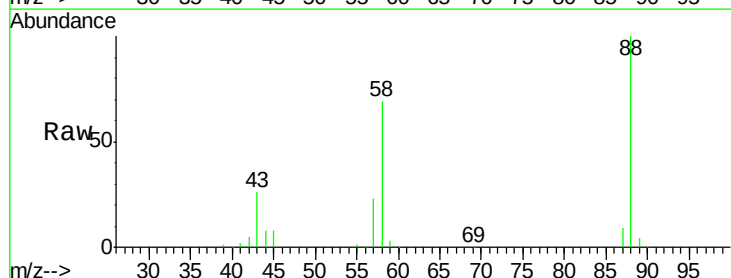
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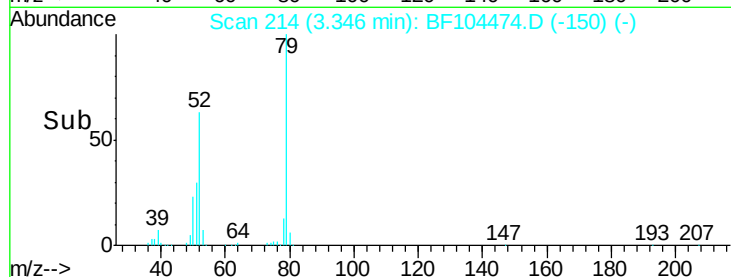
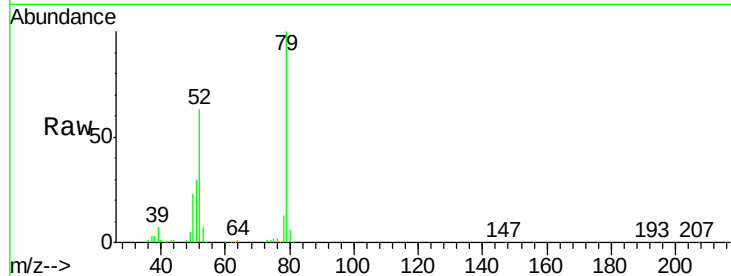
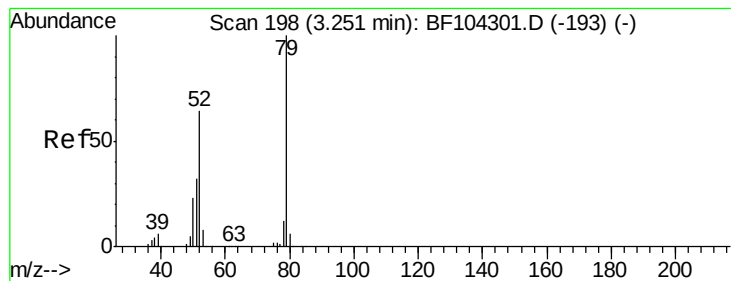


#2

1,4-Dioxane
Concen: 32.705 ng
RT: 2.60 min Scan# 88
Delta R.T. 0.08 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.5	62.6	93.8
43	24.4	24.6	37.0





#3

Pvridine

Concen: 33.229 ng

RT: 3.35 min Scan# 214

Delta R.T. 0.08 min

Lab File: BF104474.D

Acq: 13 Apr 2018 13:21

Tot Ion:	79	Resp:	389559
Ion	Ratio	Lower	Upper
79	100		
52	62.9	59.8	89.6
51	30.3	29.8	44.8

Instrument :

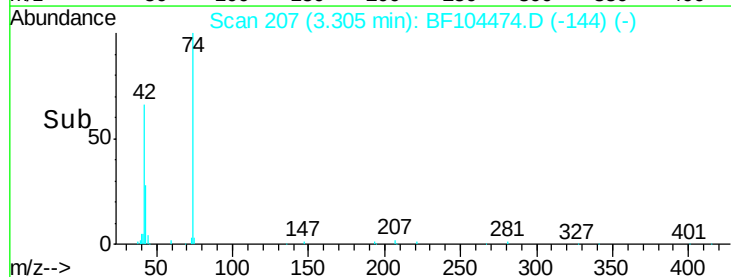
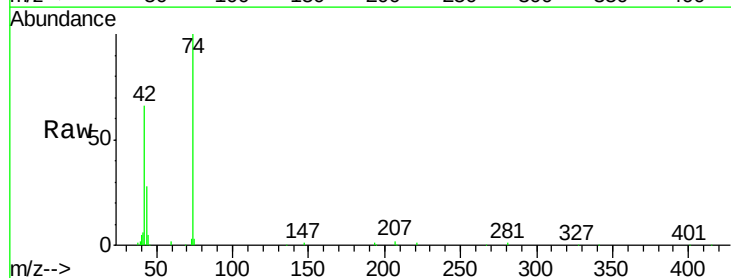
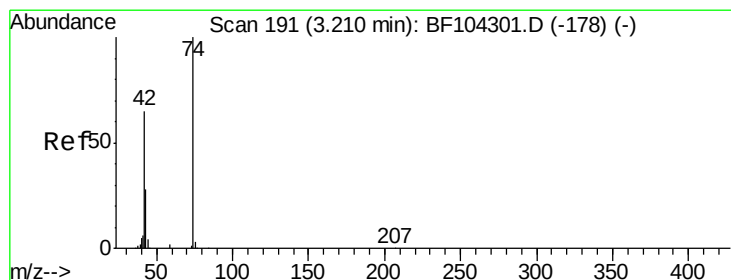
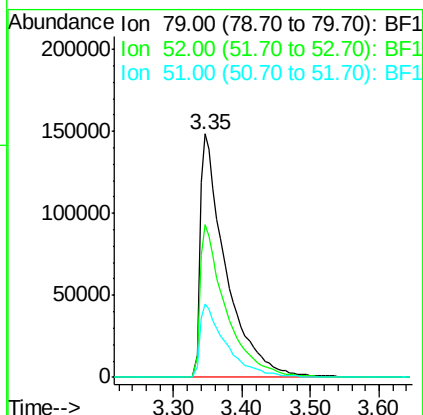
BNA_F

ClientSampleId :

PB108213BS

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 40.588 ng

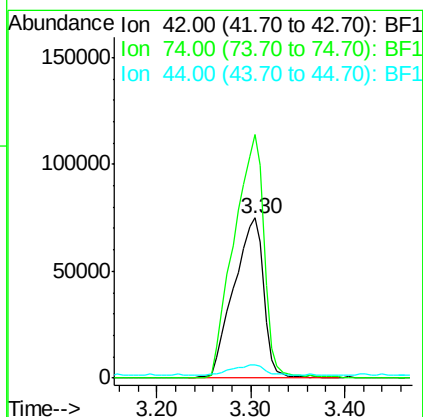
RT: 3.30 min Scan# 207

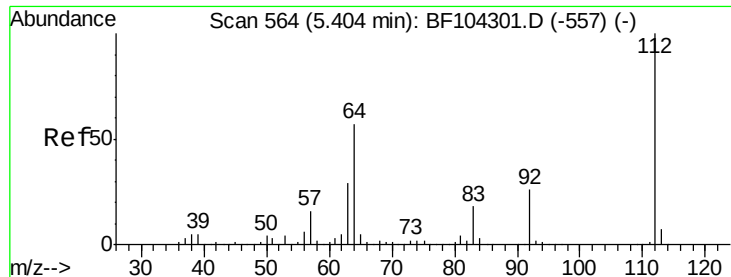
Delta R.T. 0.07 min

Lab File: BF104474.D

Acq: 13 Apr 2018 13:21

Tgt Ion:	42	Resp:	166332
Ion	Ratio	Lower	Upper
42	100		
74	152.3	104.9	157.3
44	8.3	6.9	10.3





#5

2-Fluorophenol

Concen: 117.059 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.01 min

Lab File: BF104474.D

Acq: 13 Apr 2018 13:21

Instrument :

BNA_F

ClientSampleId :

PB108213BS

Tot Ion: 112 Resp: 1047530

Ion Ratio Lower Upper

112 100

64 56.7 47.9 71.9

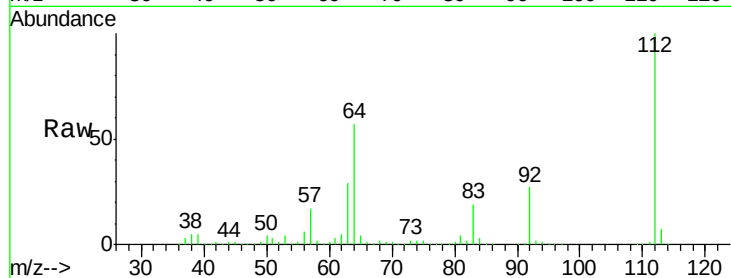
63 29.1 23.7 35.5

Manual Integrations

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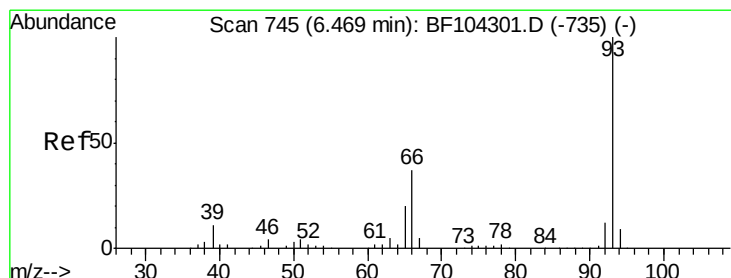
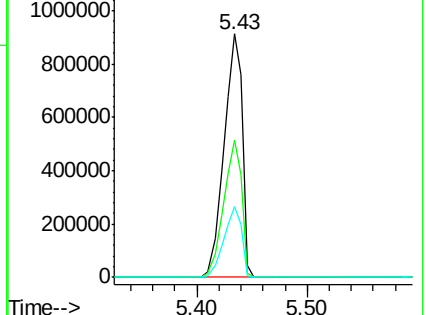
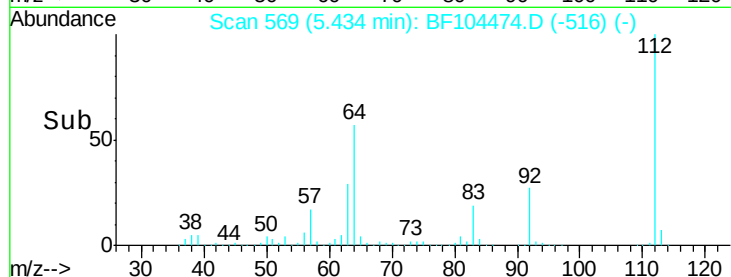
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 31.154 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF104474.D

Acq: 13 Apr 2018 13:21

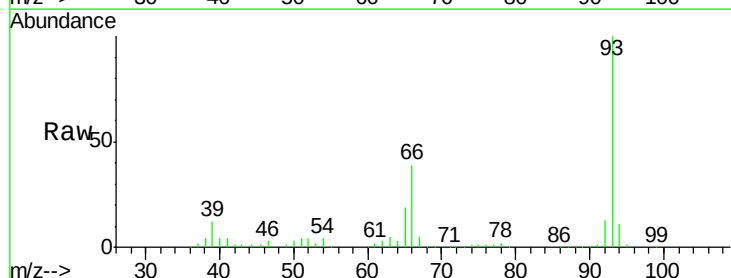
Tgt Ion: 93 Resp: 475908

Ion Ratio Lower Upper

93 100

66 39.3 32.2 48.2

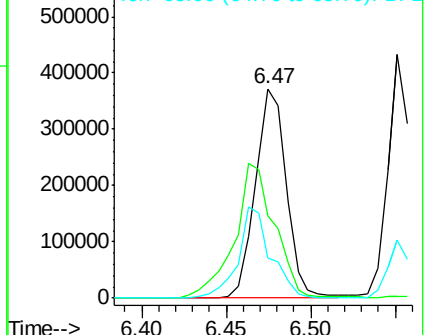
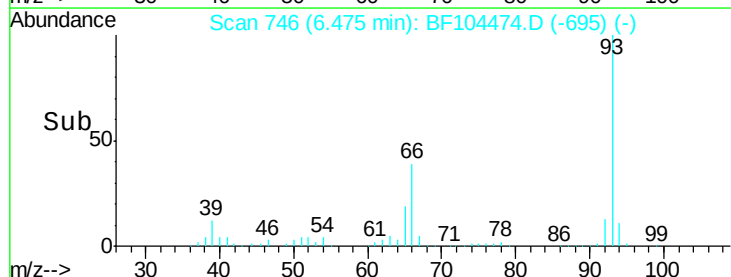
65 19.4 16.4 24.6

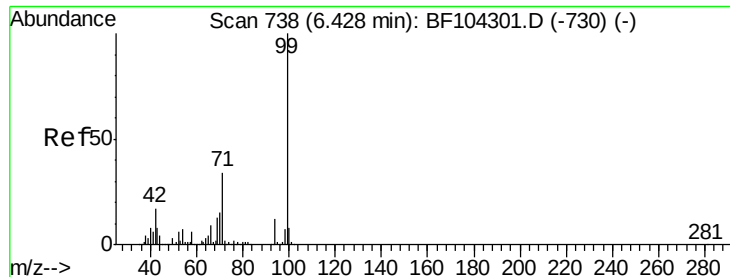


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 117.046 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF104474.D

Acq: 13 Apr 2018 13:21

Instrument :

BNA_F

ClientSampleId :

PB108213BS

Tot Ion: 99 Resp: 1286934

Ion Ratio Lower Upper

99 100

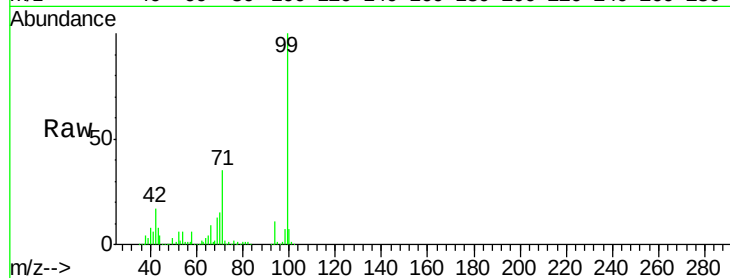
42 16.6 14.5 21.7

71 34.6 25.4 38.0

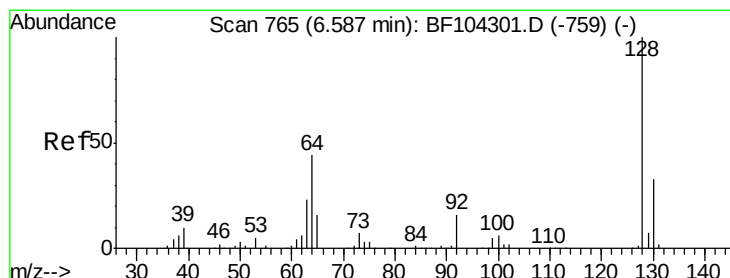
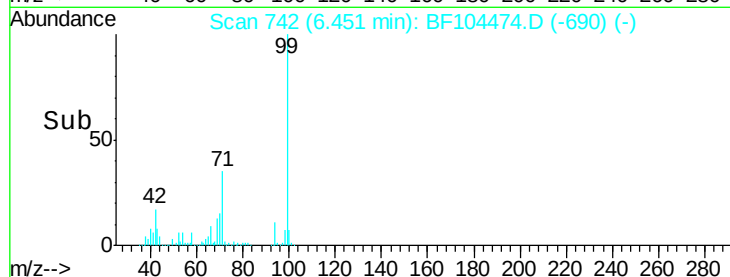
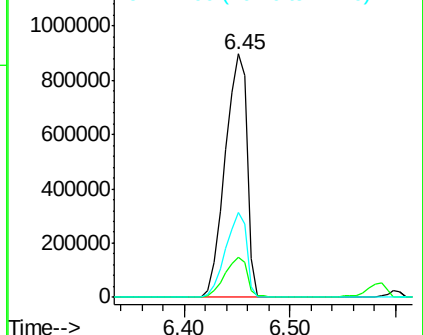
Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.612 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF104474.D

Acq: 13 Apr 2018 13:21

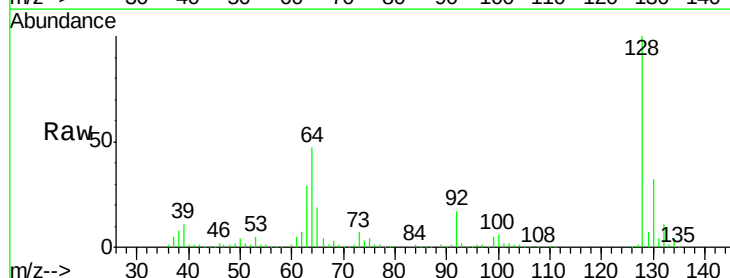
Tgt Ion: 128 Resp: 402474

Ion Ratio Lower Upper

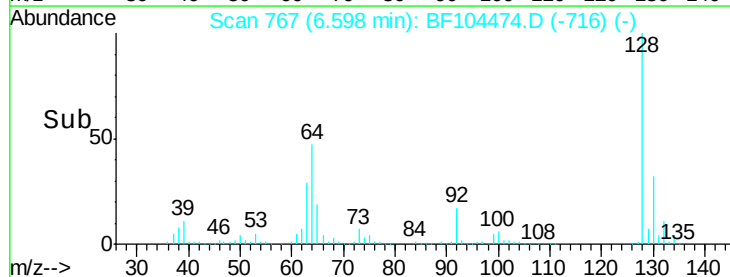
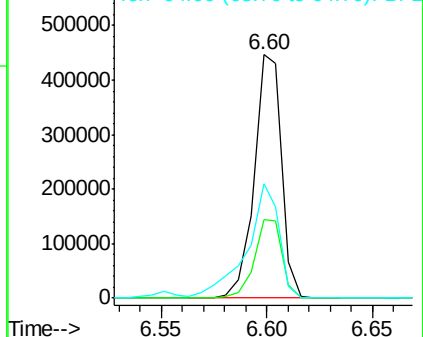
128 100

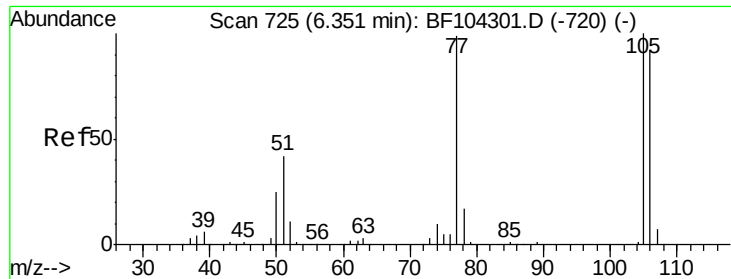
130 32.0 13.0 53.0

64 47.1 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





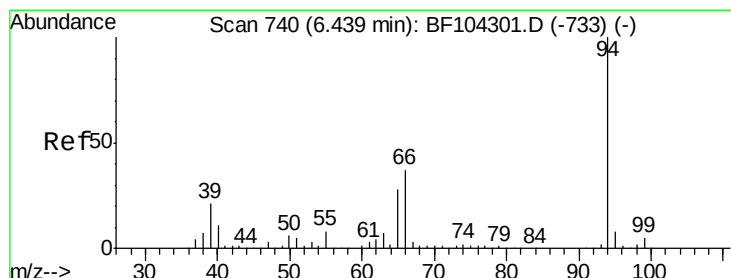
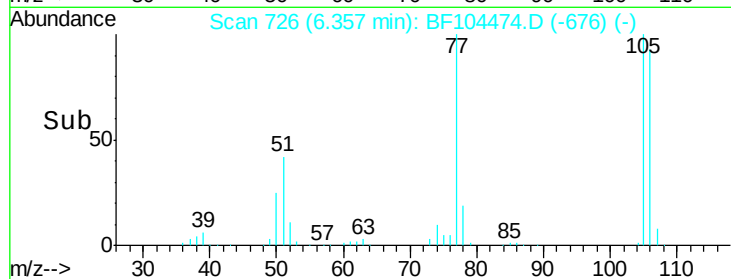
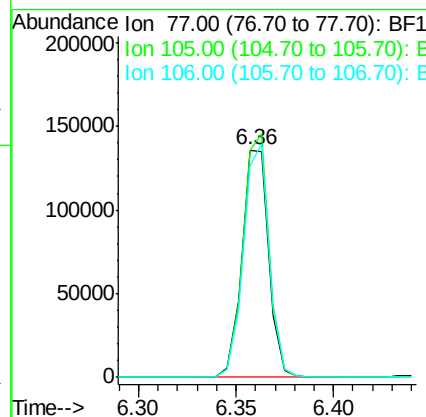
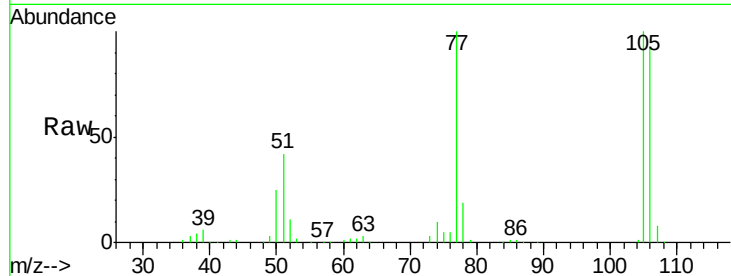
#9
Benzaldehyde
Concen: 19.284 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Instrument :
BNA_F
ClientSampleId :
PB108213BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	99.6	81.1	121.1
106	93.1	74.5	114.5

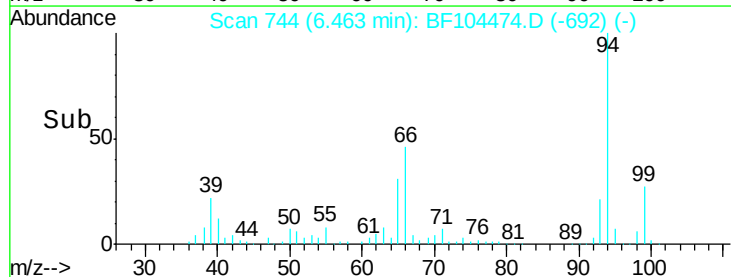
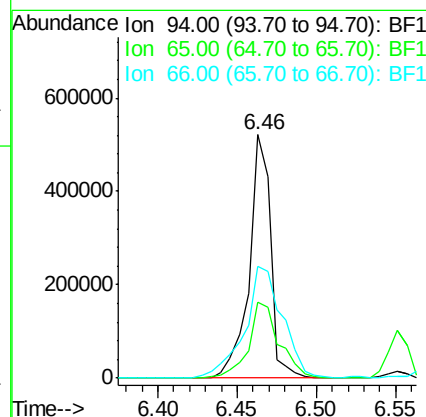
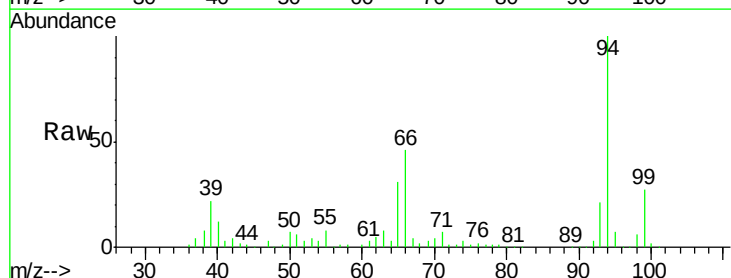
Manual Integrations
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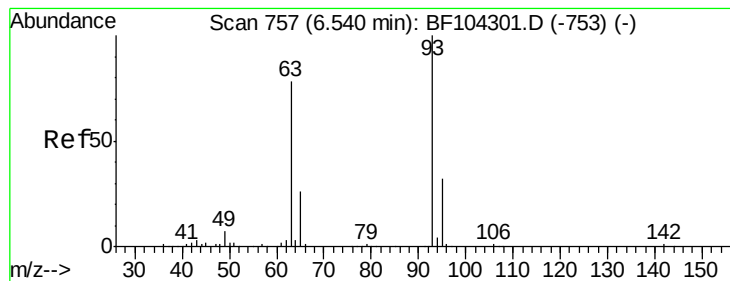
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#10
Phenol
Concen: 41.516 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.01 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.2	7.9	47.9
66	45.9	16.2	56.2





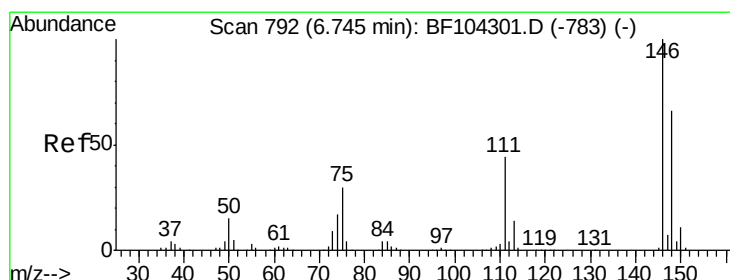
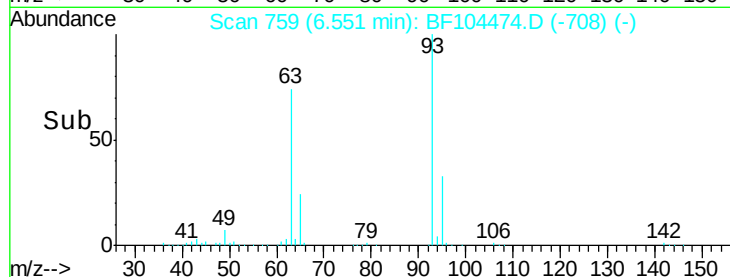
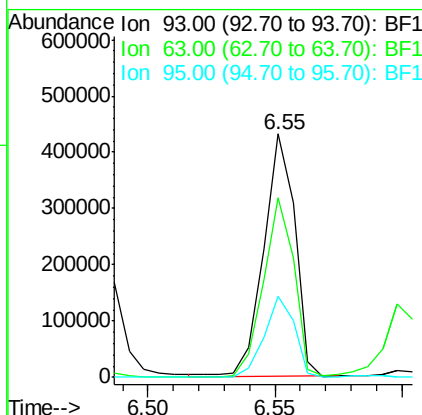
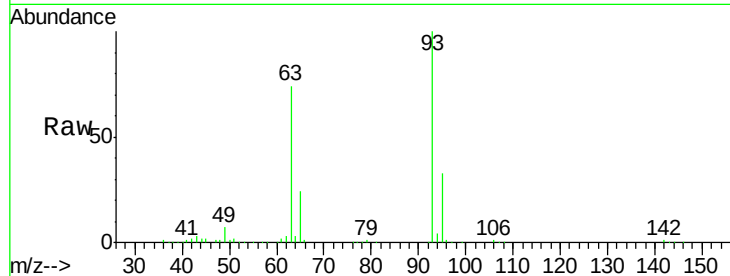
#11
bis(2-Chloroethyl)ether
Concen: 40.050 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Instrument :
BNA_F
ClientSampleId :
PB108213BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	372853		
63	74.0	58.6	98.6	
95	33.1	11.8	51.8	

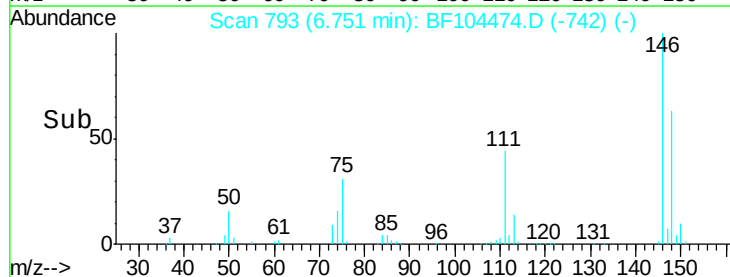
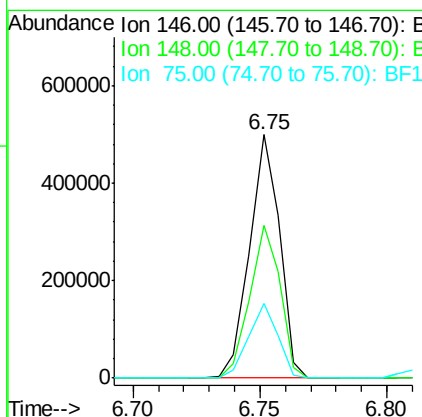
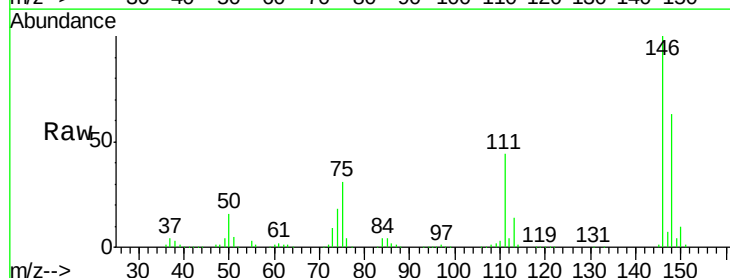
Manual Integrations
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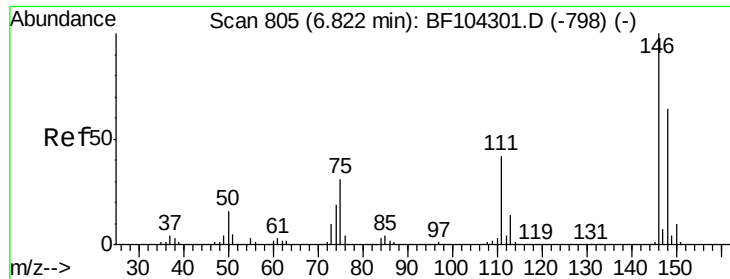
Sohil
4/16/2018 3:09:58 PM



#12
1,3-Dichlorobenzene
Concen: 38.517 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	412142		
148	62.9	51.8	77.8	
75	30.9	24.2	36.4	





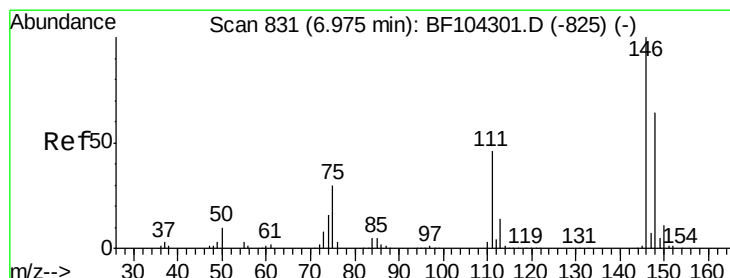
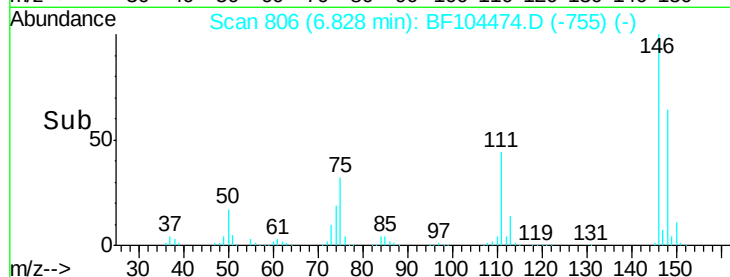
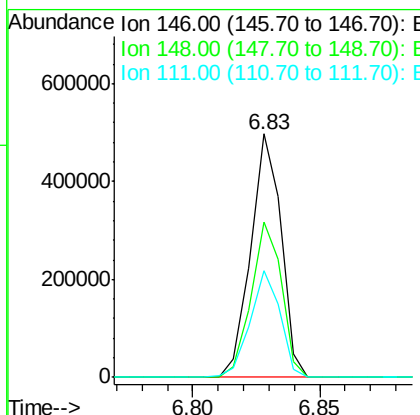
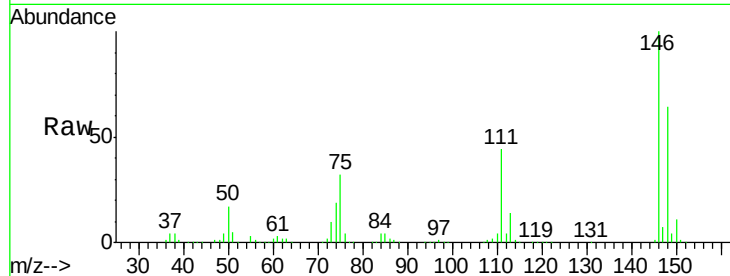
#13
 1,4-Dichlorobenzene
 Concen: 39.047 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF104474.D
 Acq: 13 Apr 2018 13:21

Instrument :
 BNA_F
 ClientSampleId :
 PB108213BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.8	76.2
111	43.6	34.2	51.2

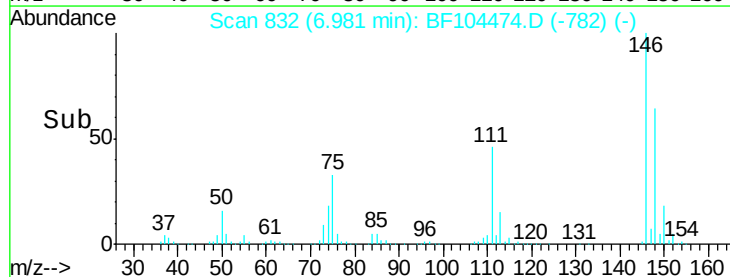
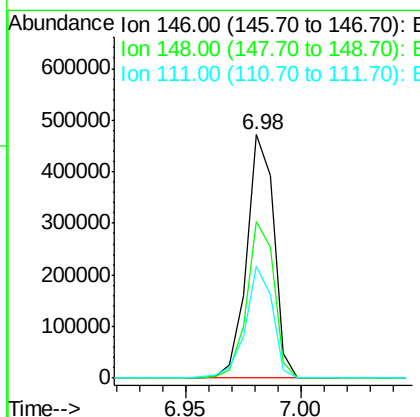
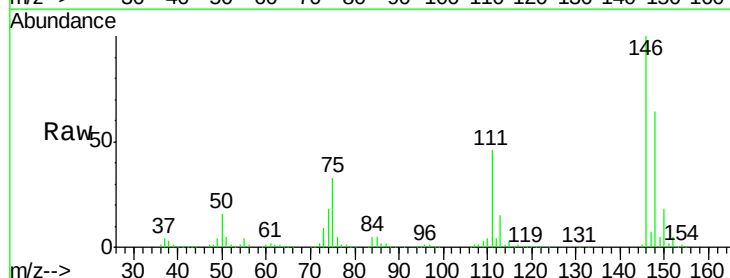
Manual Integrations
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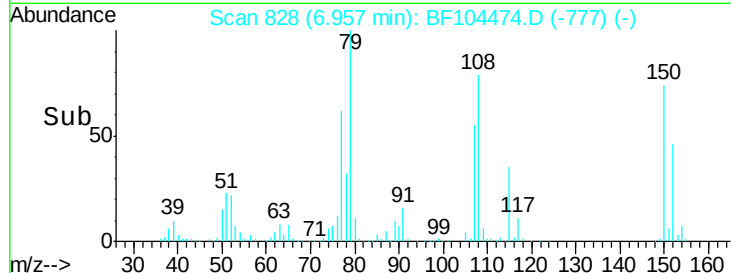
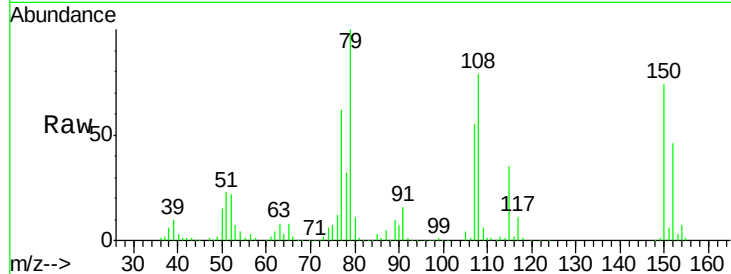
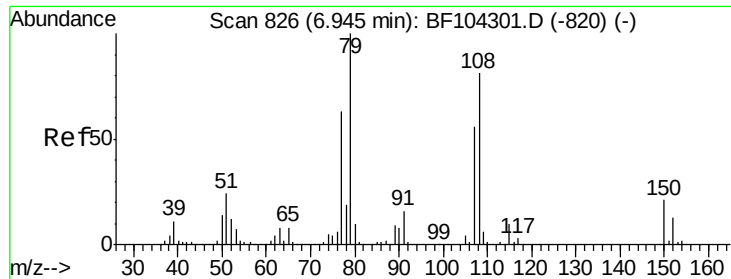
Sohil
 4/16/2018 3:09:58 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.339 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF104474.D
 Acq: 13 Apr 2018 13:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.6	75.8
111	45.9	36.0	54.0





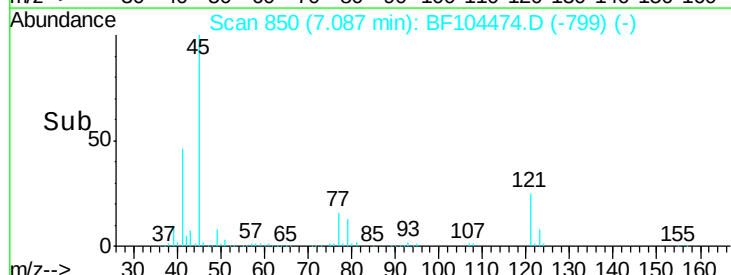
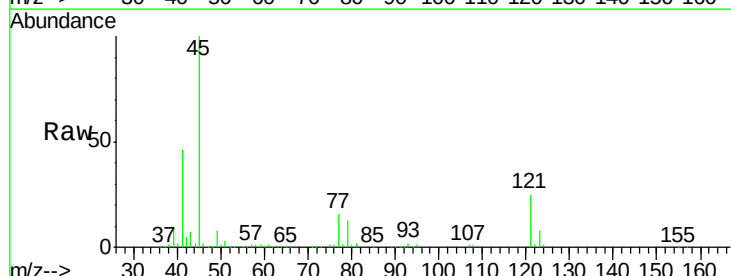
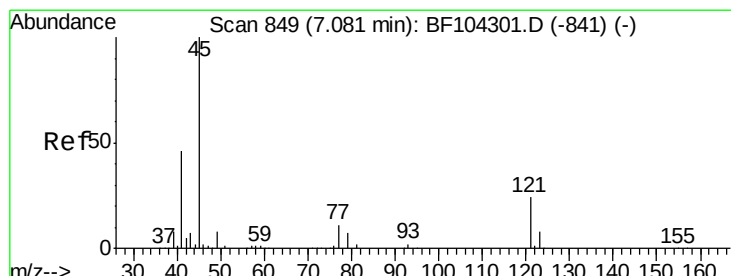
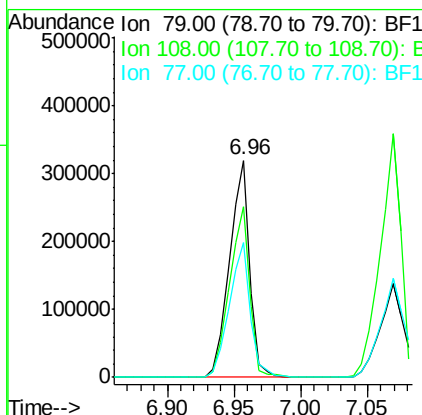
#15
Benzyl Alcohol
Concen: 40.762 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Tot Ion	Ratio	Resp	Lower	Upper
79	100	340407		
108	78.6	65.1	97.7	
77	62.0	50.6	75.8	

Instrument :
BNA_F
ClientSampleId :
PB108213BS

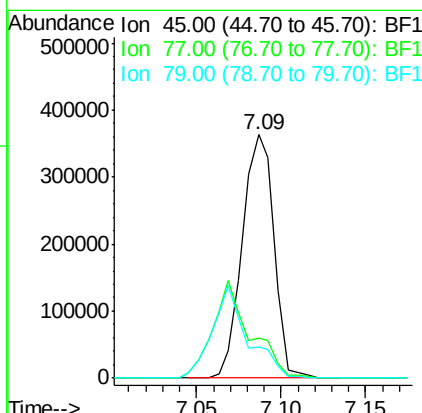
Manual Integrations
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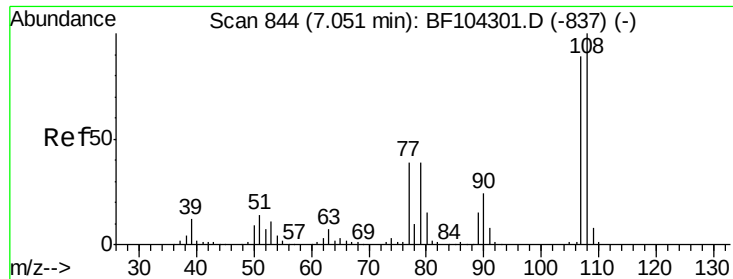
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.043 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	475627		
77	16.4	0.0	32.9	
79	12.7	0.0	29.6	





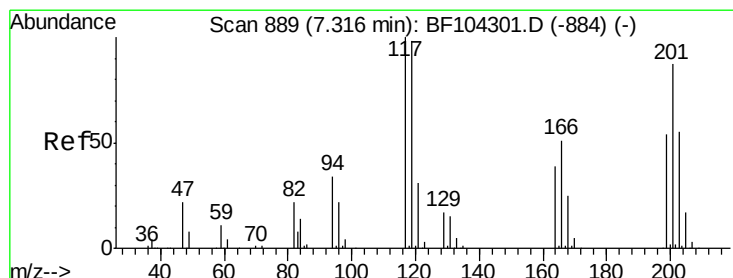
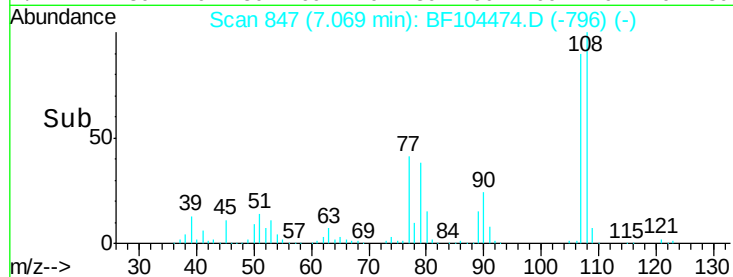
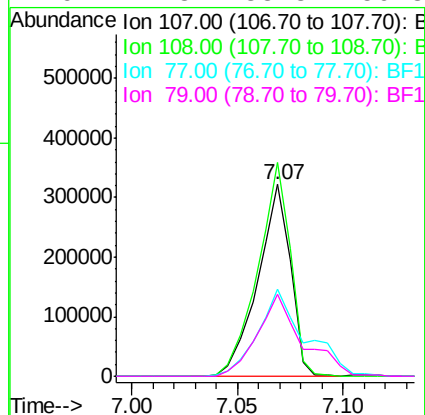
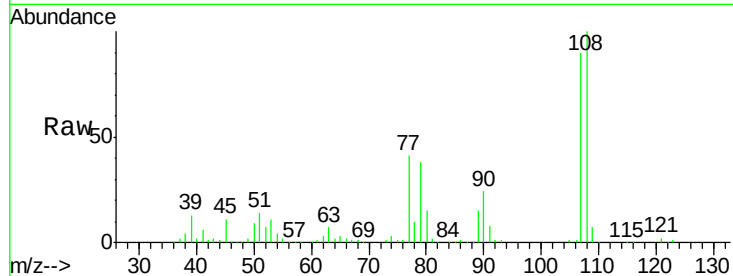
#17
2-Methylphenol
Concen: 42.052 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Instrument :
BNA_F
ClientSampled :
PB108213BS

Tot Ion:	107	Resp:	345258
Ion Ratio	Lower	Upper	
107	100		
108	111.5	91.7	137.5
77	45.2	33.8	50.8
79	42.8	33.8	50.8

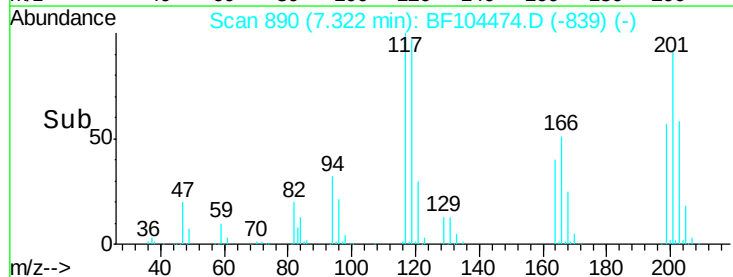
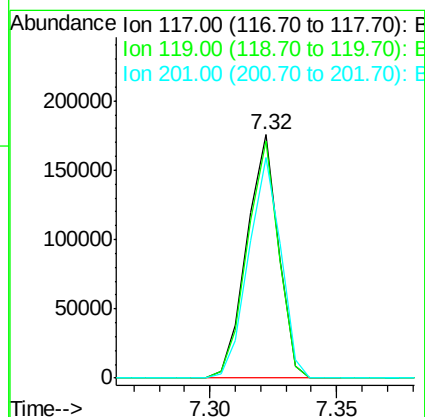
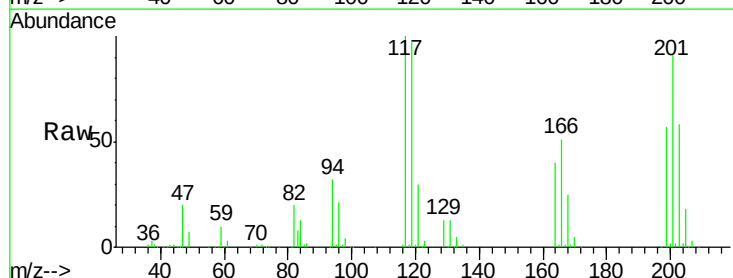
Manual Integrations
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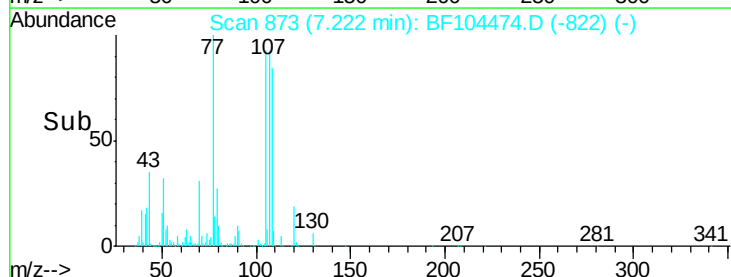
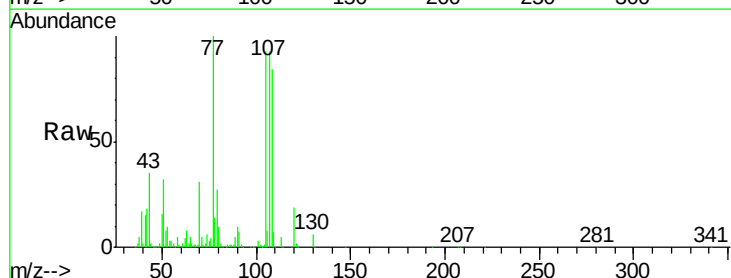
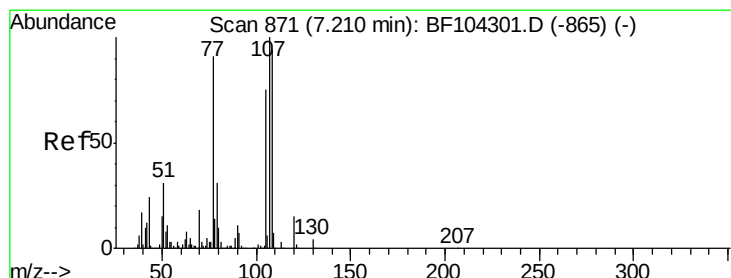
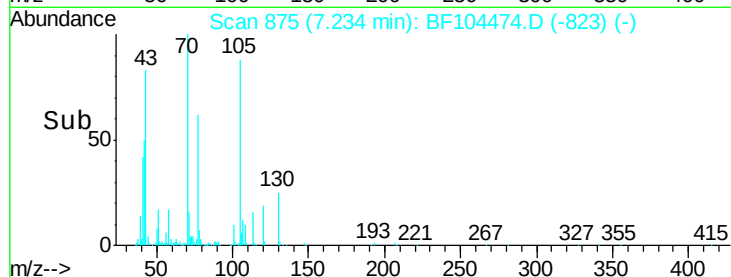
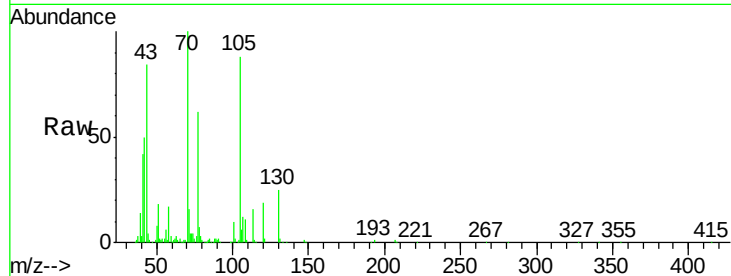
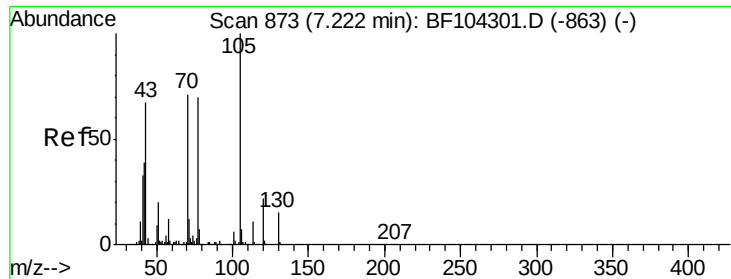
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#18
Hexachloroethane
Concen: 40.123 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Tgt Ion:	117	Resp:	152587
Ion Ratio	Lower	Upper	
117	100		
119	97.2	75.8	113.8
201	90.6	75.7	113.5





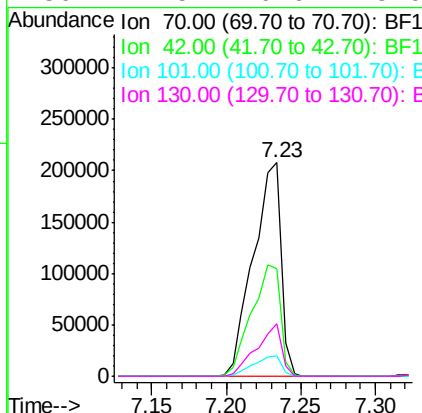
#19
n-Nitroso-di-n-propylamine
Concen: 37.213 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.01 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Instrument :
BNA_F
ClientSampleId :
PB108213BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	50.4	47.5	71.3		
101	9.7	7.4	11.2		
130	24.5	16.6	25.0		

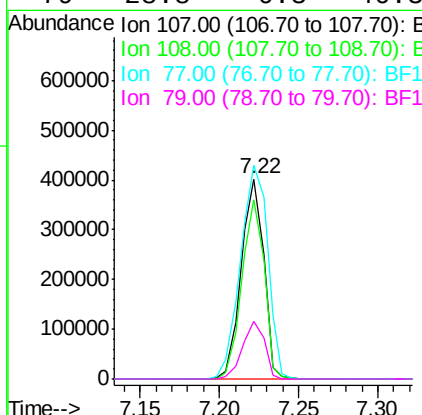
Manual Integrations
APPROVED

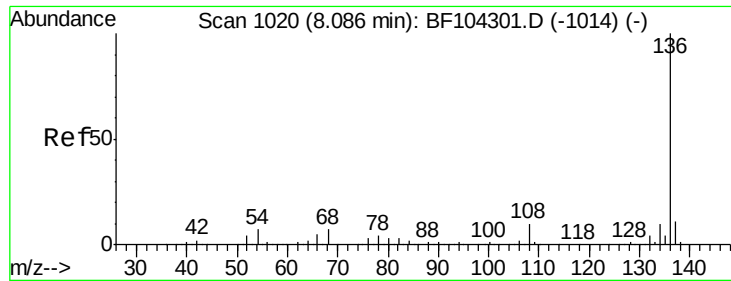
Sohil
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#20
3+4-Methylphenols
Concen: 38.716 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	89.6	68.2	108.2		
77	107.0	26.7	66.7#		
79	28.8	6.3	46.3		





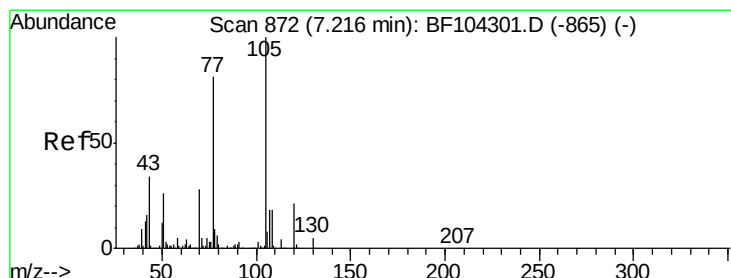
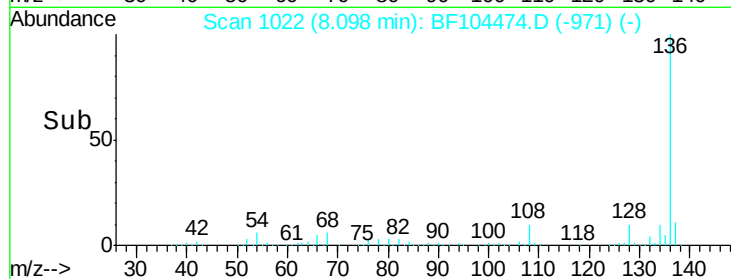
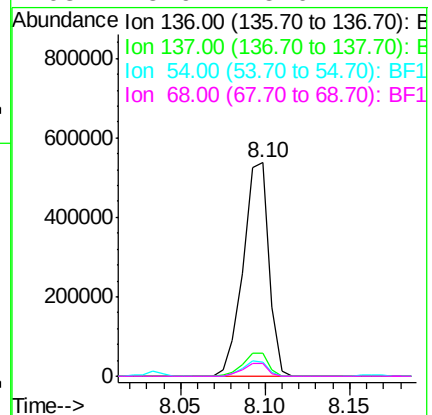
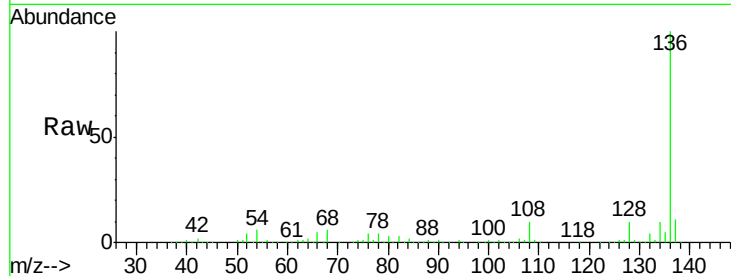
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Instrument :
BNA_F
ClientSampleId :
PB108213BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	570827		
137	11.1	8.9	13.3	
54	6.5	6.6	9.8#	
68	5.9	5.0	7.4	

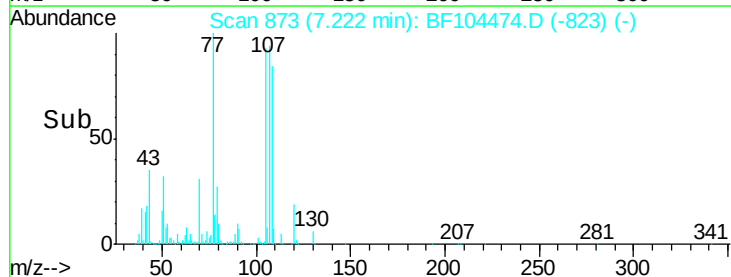
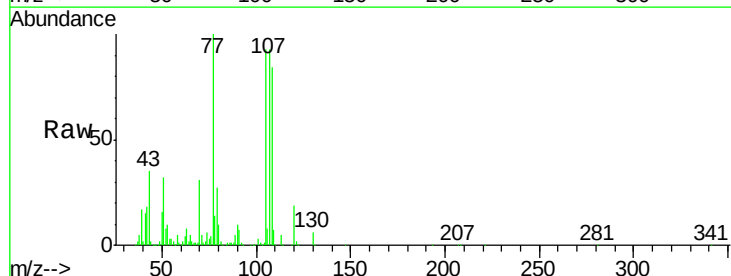
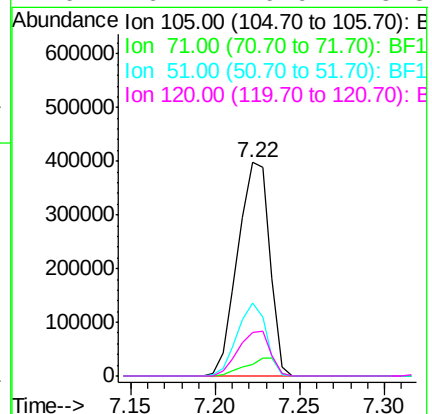
Manual Integrations
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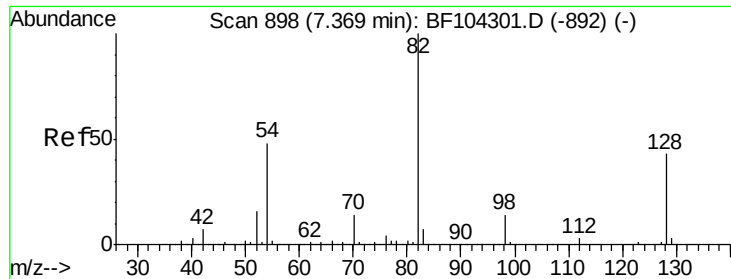
Sohil
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#22
Acetophenone
Concen: 37.392 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	525482		
71	5.7	4.4	6.6	
51	34.4	22.3	33.5#	
120	20.7	16.9	25.3	





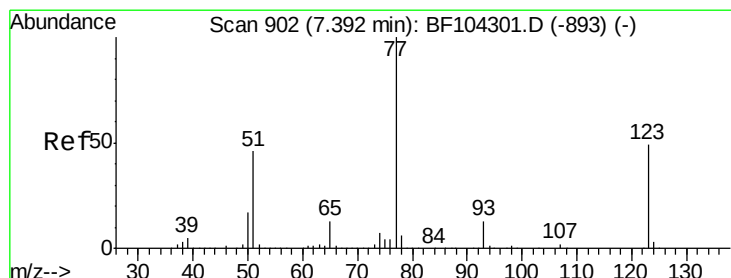
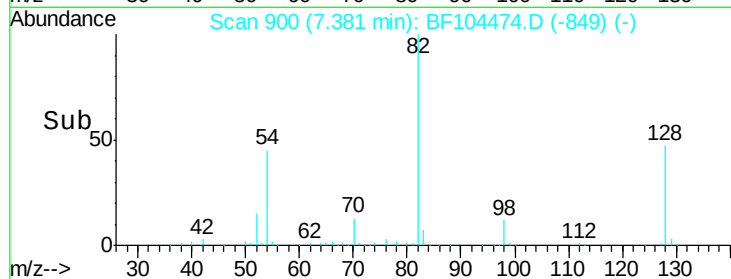
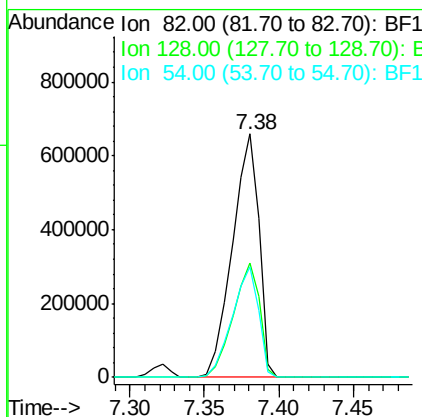
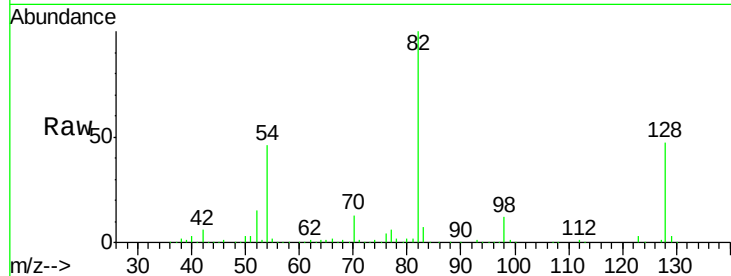
#23
Nitrobenzene-d5
Concen: 94.020 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Instrument :
BNA_F
ClientSampleId :
PB108213BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	821906		
128	47.1	36.1	54.1	
54	45.6	41.4	62.2	

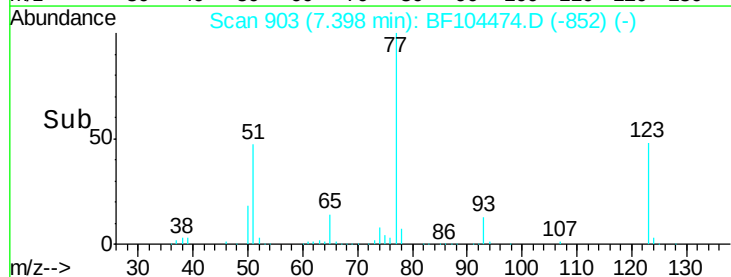
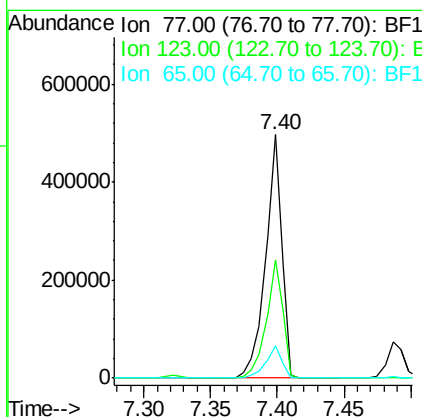
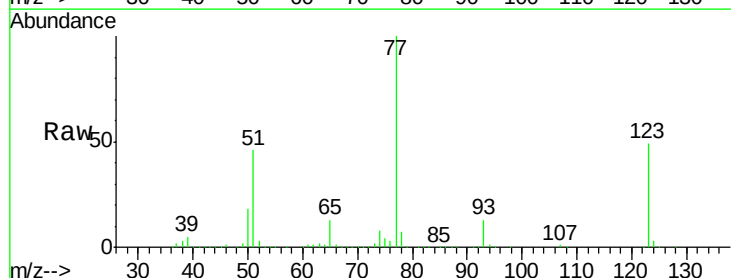
Manual Integrations
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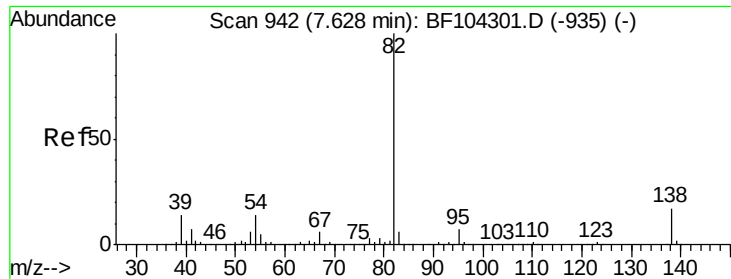
Sohil
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#24
Nitrobenzene
Concen: 43.364 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	418534		
123	48.8	37.9	56.9	
65	13.1	11.0	16.4	





#25

Isophorone

Concen: 42.100 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.01 min

Lab File: BF104474.D

Acq: 13 Apr 2018 13:21

Instrument :

BNA_F

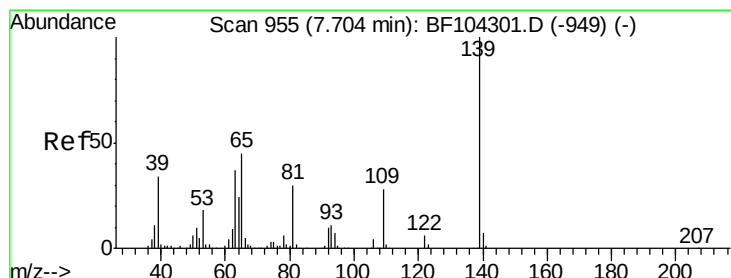
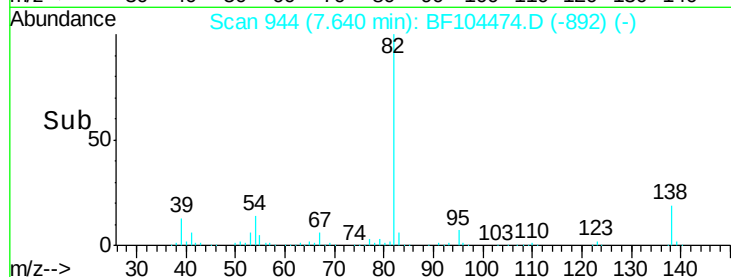
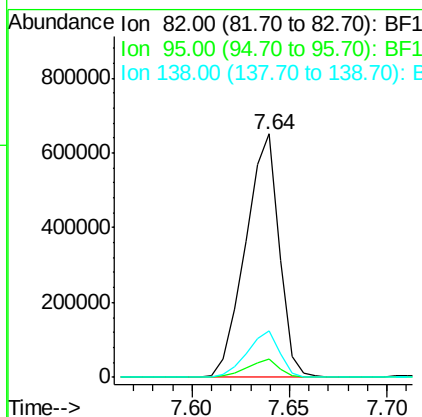
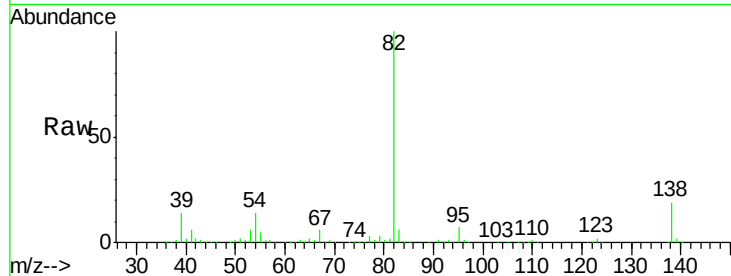
ClientSampleId :

PB108213BS

Tot Ion:	82	Resp:	778260
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.2	7.8
138	18.9	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 57.991 ng

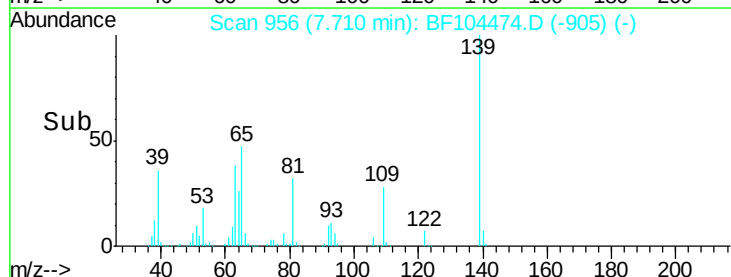
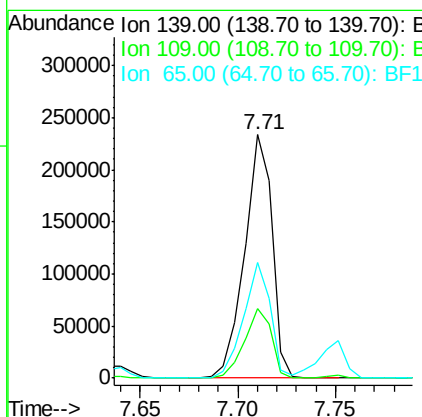
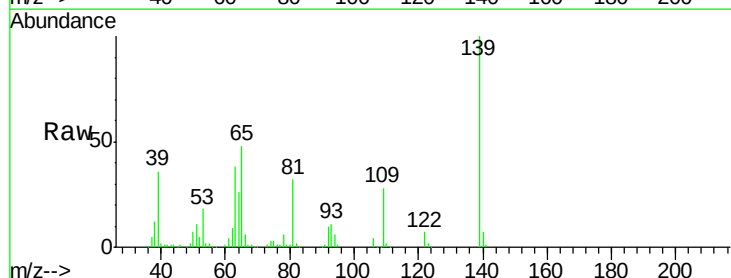
RT: 7.71 min Scan# 956

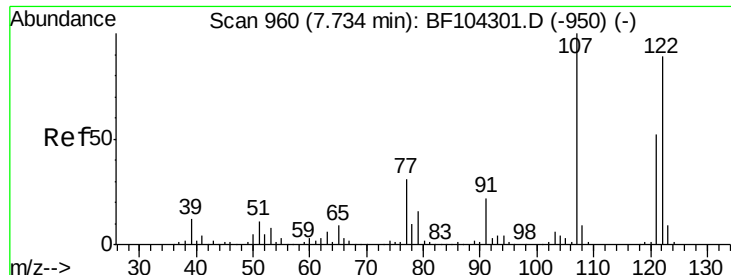
Delta R.T. 0.00 min

Lab File: BF104474.D

Acq: 13 Apr 2018 13:21

Tgt Ion:	139	Resp:	227856
Ion Ratio	Lower	Upper	
139	100		
109	28.4	22.7	34.1
65	47.6	40.5	60.7





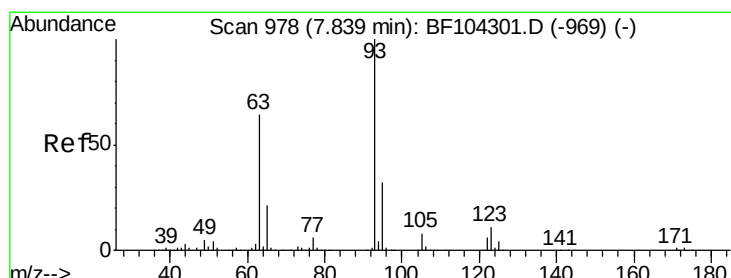
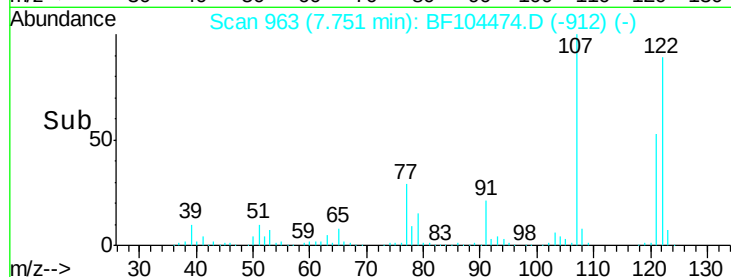
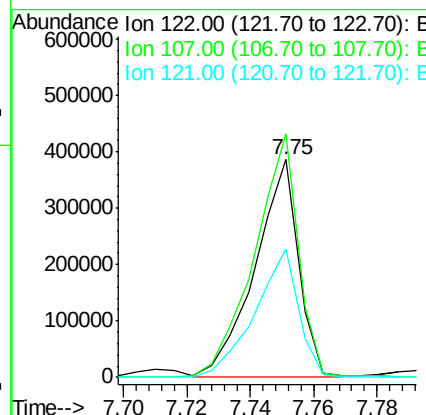
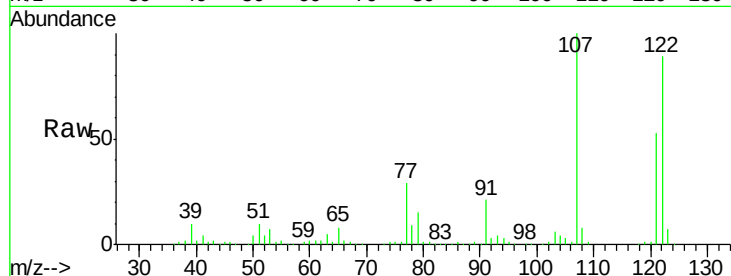
#27
2,4-Dimethylphenol
Concen: 45.097 ng
RT: 7.75 min Scan# 963
Delta R.T. 0.00 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Instrument :
BNA_F
ClientSampleId :
PB108213BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.0	91.2	136.8
121	59.2	47.2	70.8

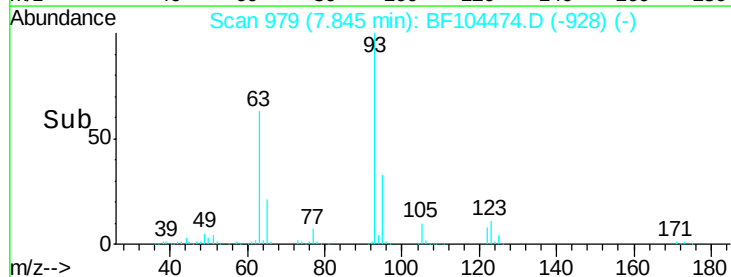
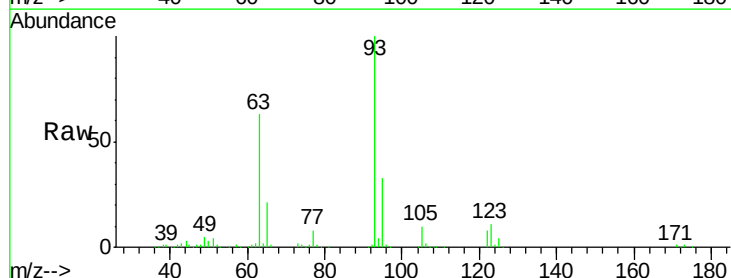
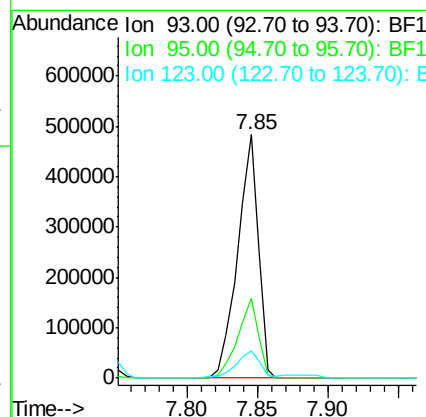
Manual Integrations
APPROVED

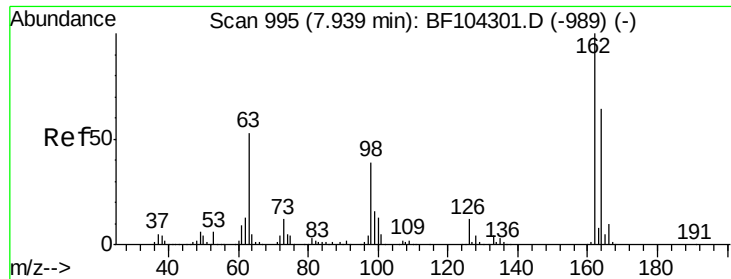
Sohil
4/16/2018 3:09:58 PM



#28
bis(2-Chloroethoxy)methane
Concen: 43.625 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.00 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.3	39.5
123	11.2	9.8	14.6





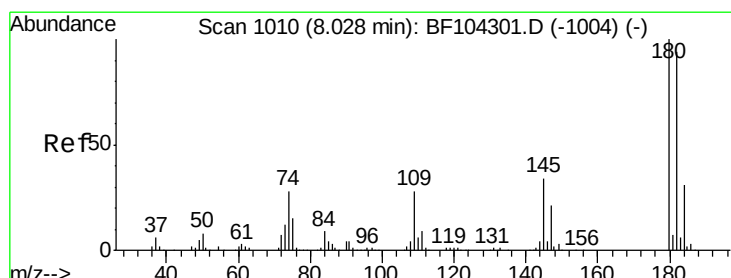
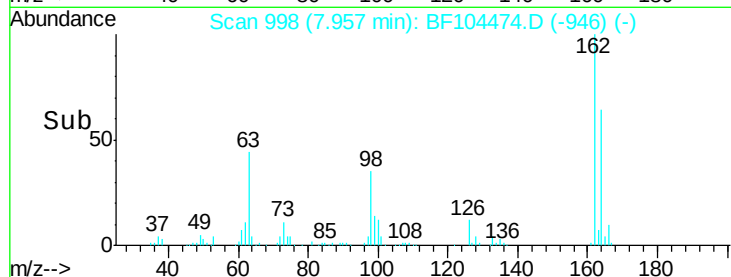
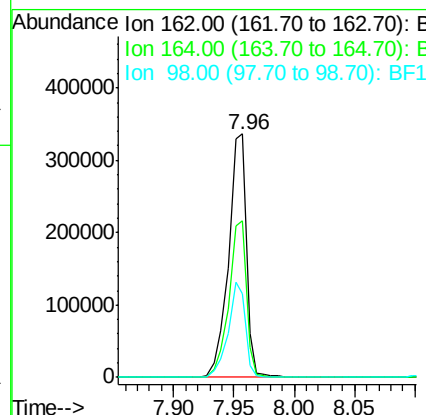
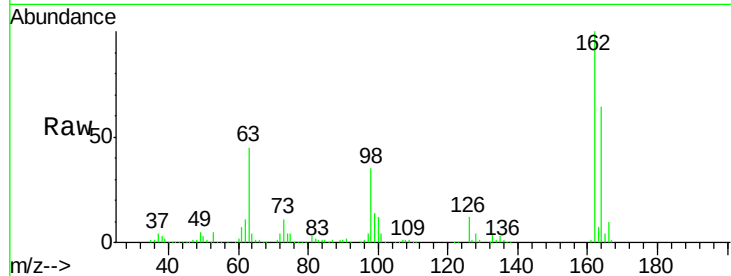
#29
2,4-Dichlorophenol
Concen: 44.614 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.01 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Instrument :
BNA_F
ClientSampleId :
PB108213BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	347292		
164	64.1	42.7	82.7	
98	34.6	18.1	58.1	

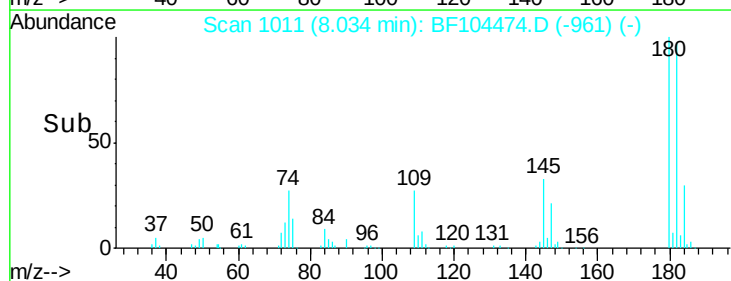
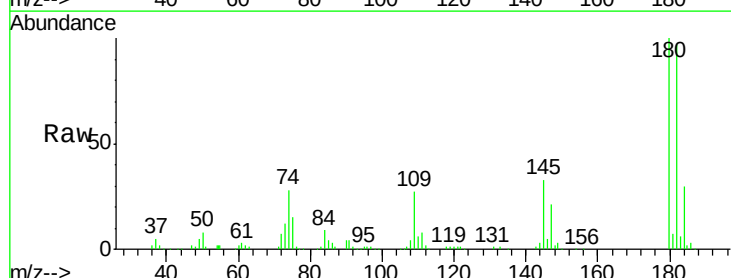
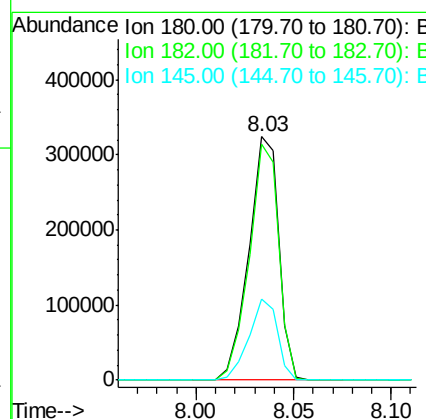
Manual Integrations
APPROVED

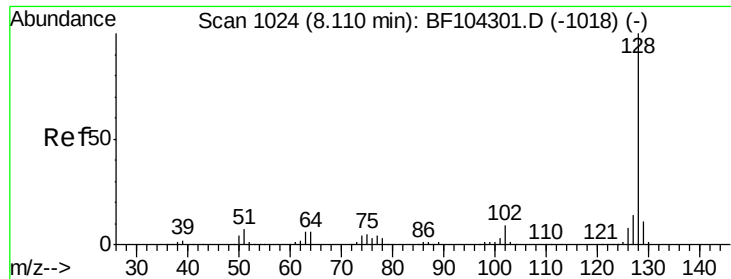
Sohil
4/16/2018 3:09:58 PM



#30
1,2,4-Trichlorobenzene
Concen: 40.223 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	343625		
182	96.7	76.8	115.2	
145	33.3	26.5	39.7	





#31

Naphthalene

Concen: 40.436 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF104474.D

Acq: 13 Apr 2018 13:21

Instrument :

BNA_F

ClientSampled :

PB108213BS

Tot Ion:128 Resp: 1149346

Ion Ratio Lower Upper

128 100

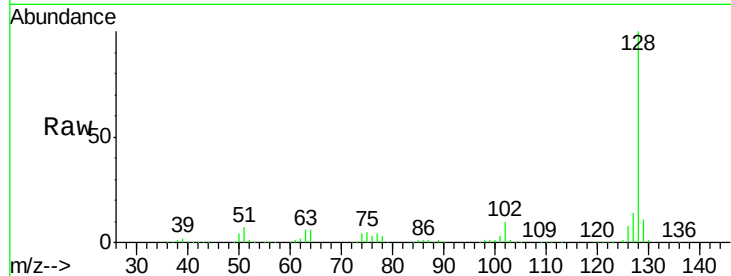
129 11.4 8.8 13.2

127 13.6 10.9 16.3

Manual Integrations
APPROVED

Sohil

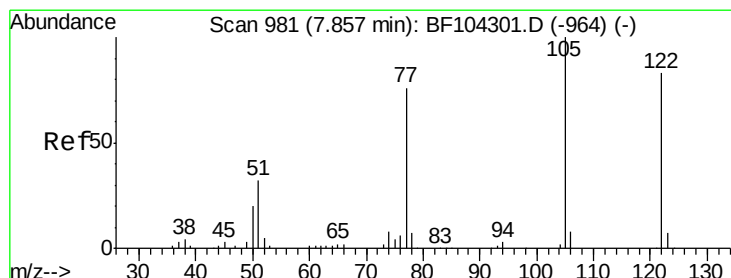
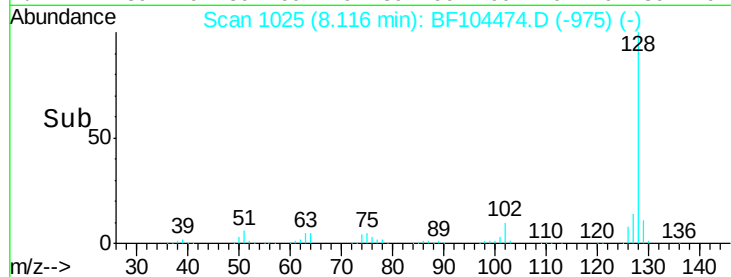
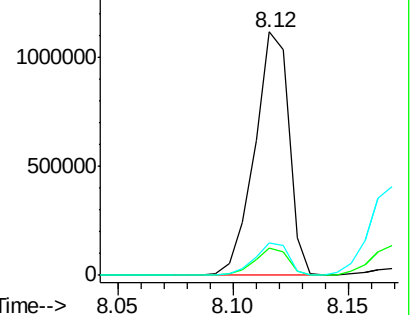
4/16/2018 3:09:58 PM



Abundance Ion 128.00 (127.70 to 128.70): E

1500000 Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 43.208 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.02 min

Lab File: BF104474.D

Acq: 13 Apr 2018 13:21

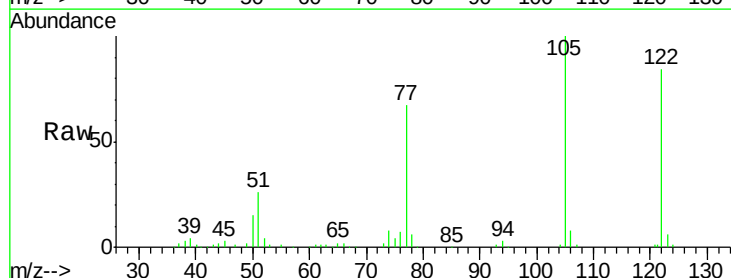
Tgt Ion:122 Resp: 281265

Ion Ratio Lower Upper

122 100

105 119.4 101.1 141.1

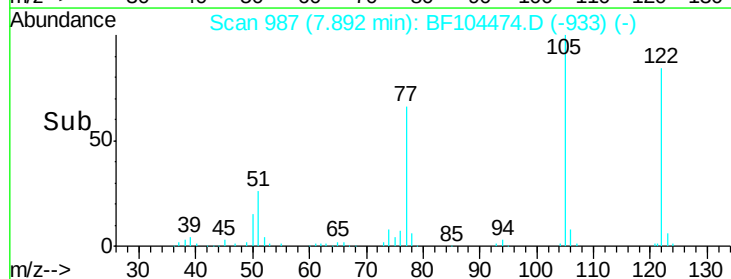
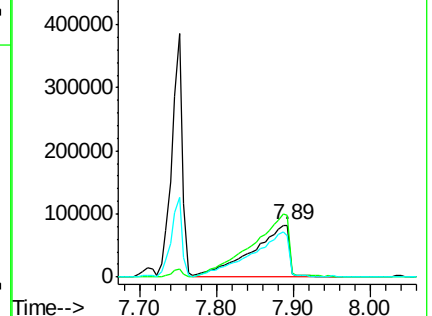
77 79.8 70.7 110.7

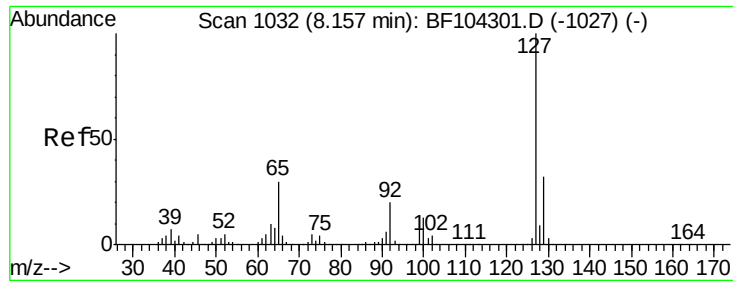


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





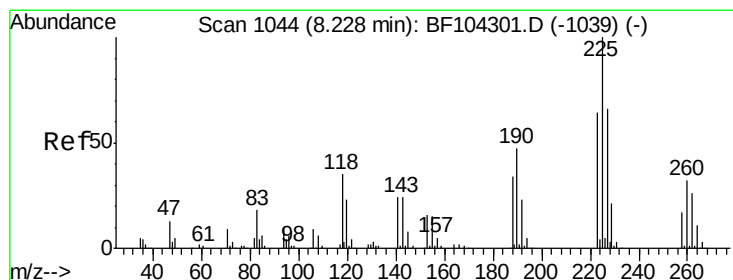
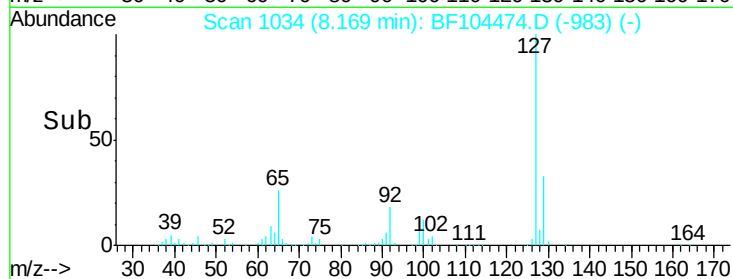
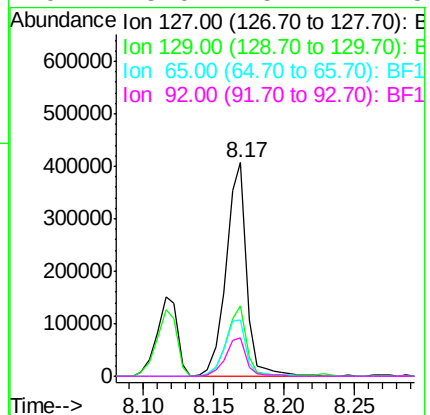
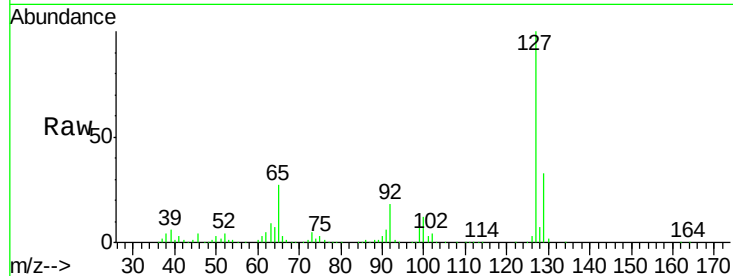
#33
4-Chloroaniline
Concen: 33.415 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Instrument :
BNA_F
ClientSampleId :
PB108213BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.1		25.9	38.9	
65	26.5		25.0	37.4	
92	18.0		15.2	22.8	

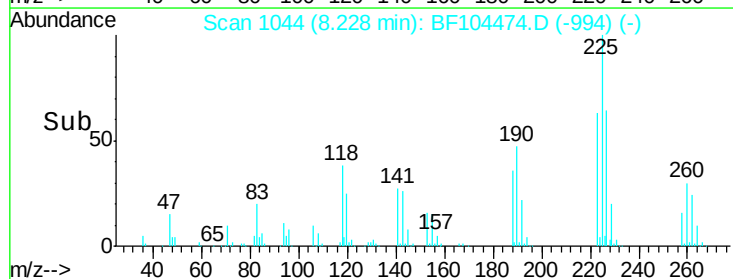
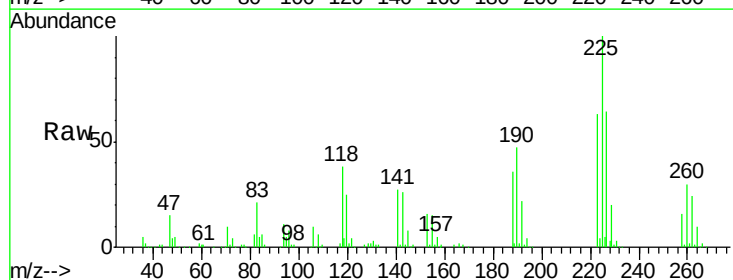
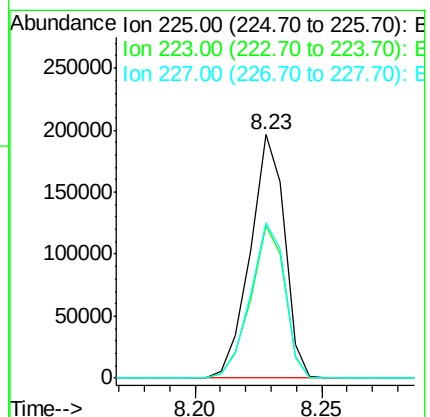
Manual Integrations
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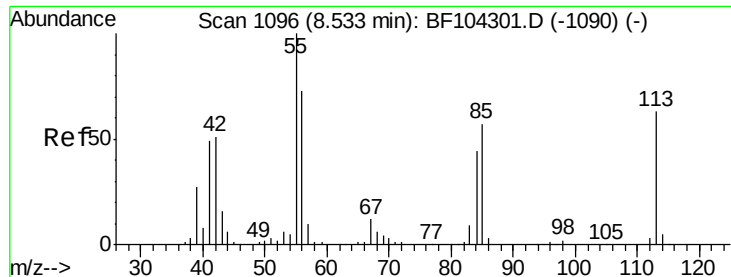
Sohil
4/16/2018 3:09:58 PM



#34
Hexachlorobutadiene
Concen: 39.595 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.6		50.6	76.0	
227	63.8		51.9	77.9	





#35

Caprolactam

Concen: 44.239 ng/ml

RT: 8.55 min Scan# 1099

Delta R.T. 0.00 min

Lab File: BF104474.D

Acq: 13 Apr 2018 13:21

Instrument :

BNA_F

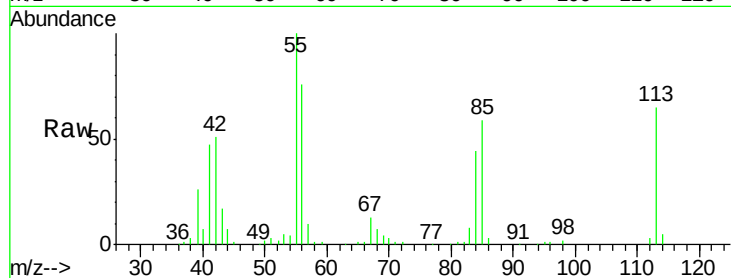
ClientSampled :

PB108213BS

Tot Ion:	113	Resp:	120135
Ion Ratio	Lower	Upper	
113	100		
55	153.3	163.3	203.3#
56	116.0	115.7	155.7

Manual Integrations
APPROVED

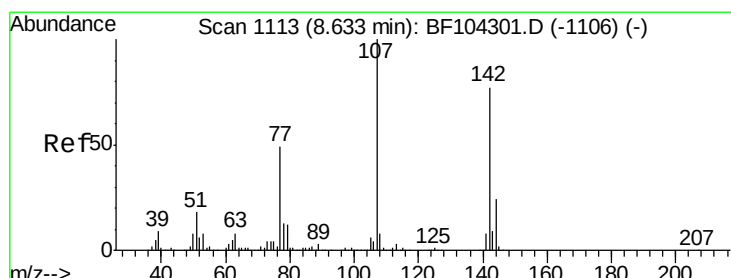
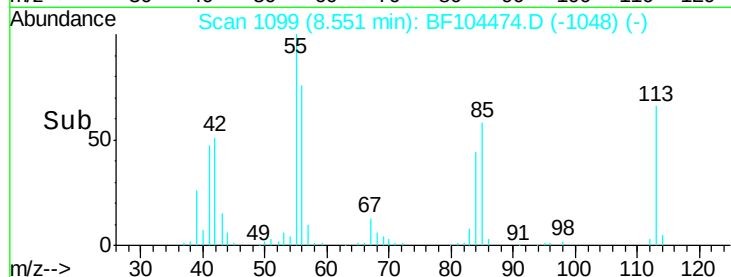
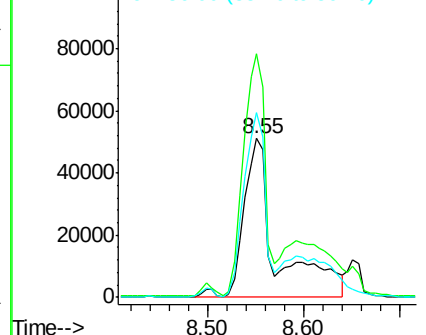
Sohil
4/16/2018 3:09:58 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 45.703 ng/ml

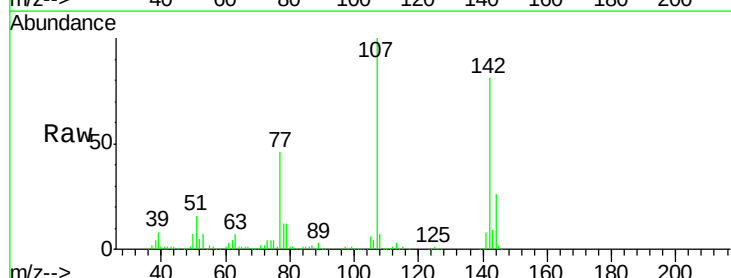
RT: 8.66 min Scan# 1117

Delta R.T. 0.01 min

Lab File: BF104474.D

Acq: 13 Apr 2018 13:21

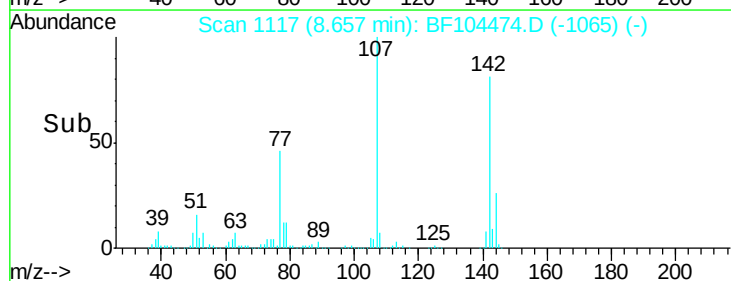
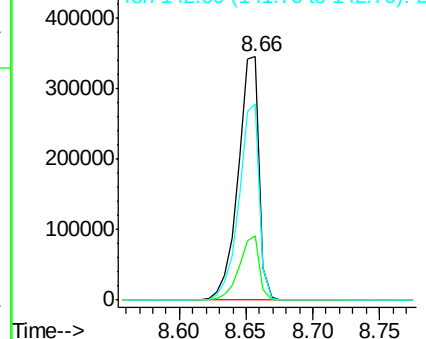
Tgt Ion:	107	Resp:	381479
Ion Ratio	Lower	Upper	
107	100		
144	26.4	20.5	30.7
142	80.7	62.0	93.0

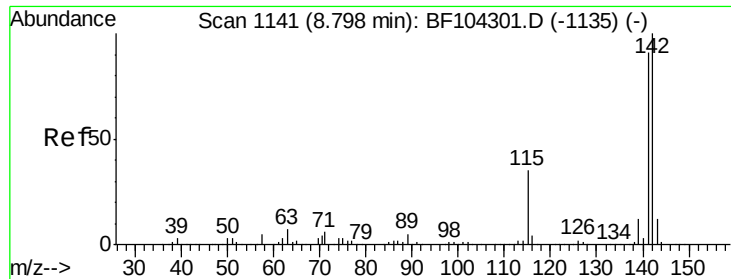


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





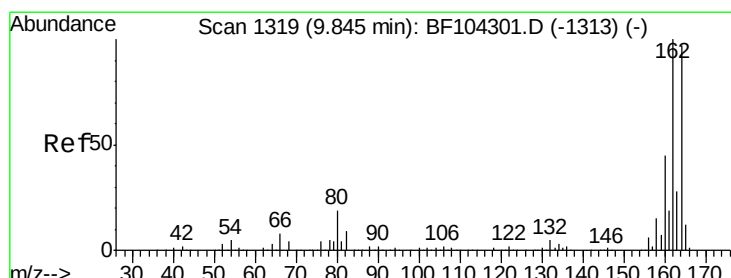
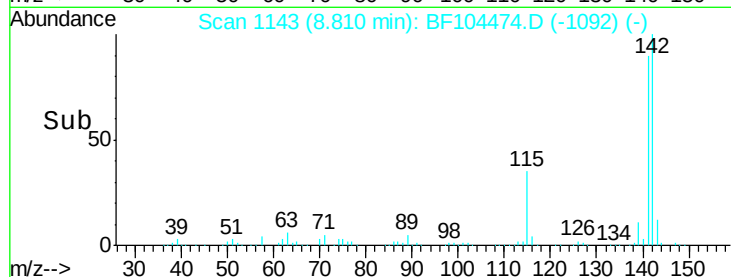
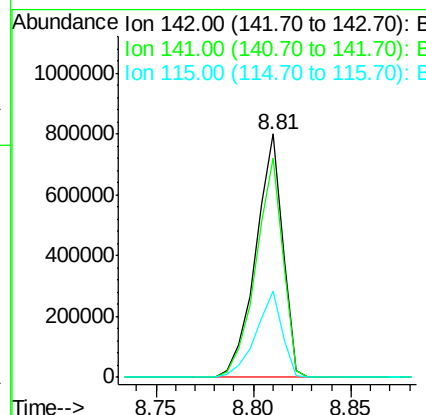
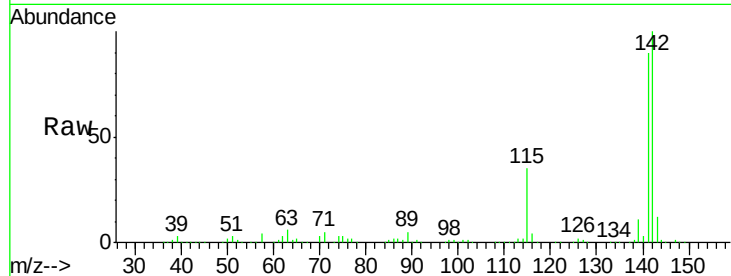
#37
2-Methylnaphthalene
Concen: 41.722 ng
RT: 8.81 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Instrument :
BNA_F
ClientSampled :
PB108213BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.8	106.2
115	35.3	26.1	39.1

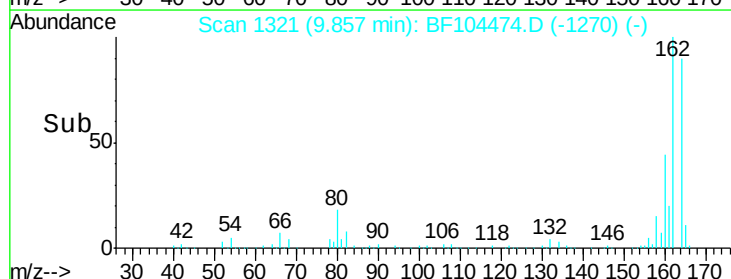
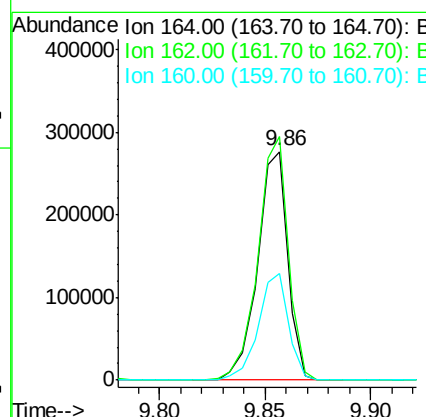
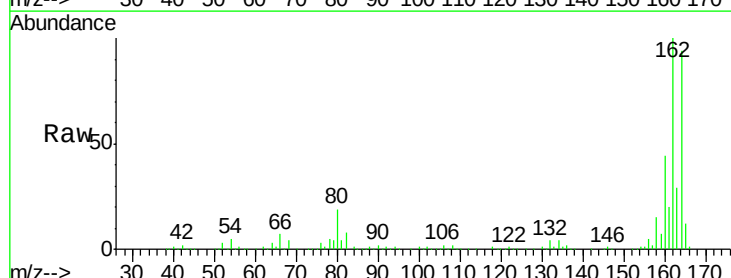
Manual Integrations
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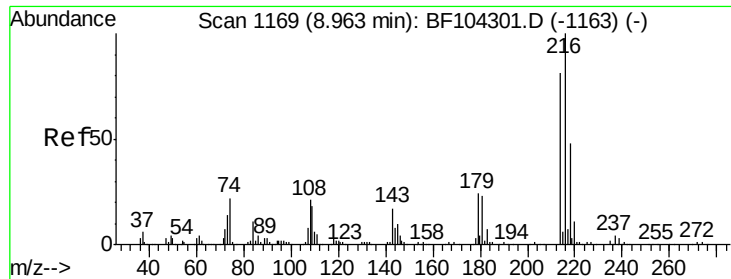
Sohil
4/16/2018 3:09:58 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.6	86.1	129.1
160	47.0	38.3	57.5





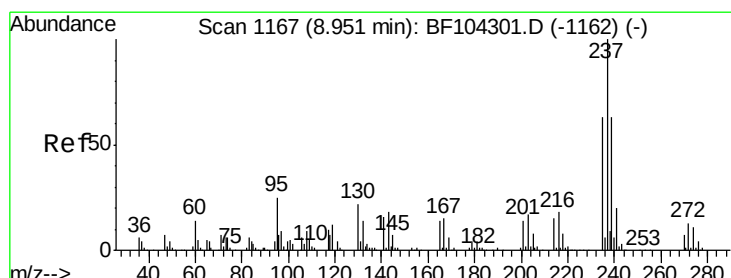
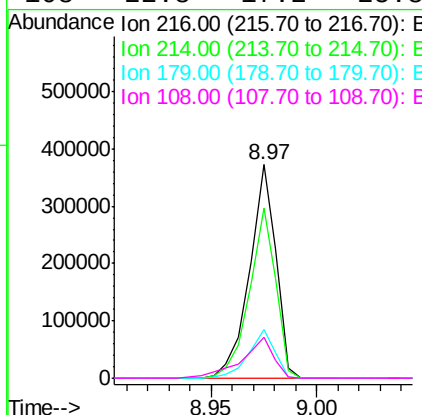
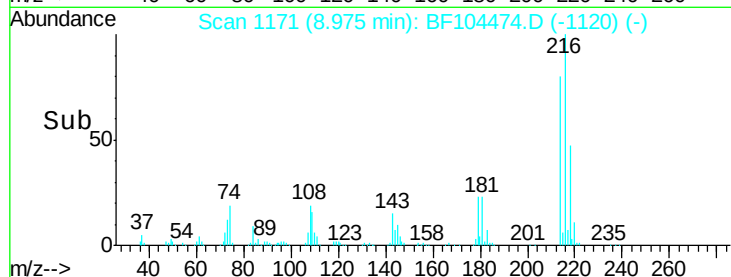
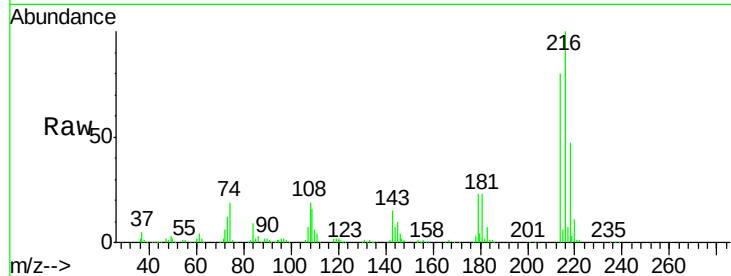
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.165 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. 0.00 min
 Lab File: BF104474.D
 Acq: 13 Apr 2018 13:21

Instrument :
 BNA_F
 ClientSampleId :
 PB108213BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		323833		
214	79.7		63.0	94.4	
179	22.4		18.1	27.1	
108	22.8		17.2	25.8	

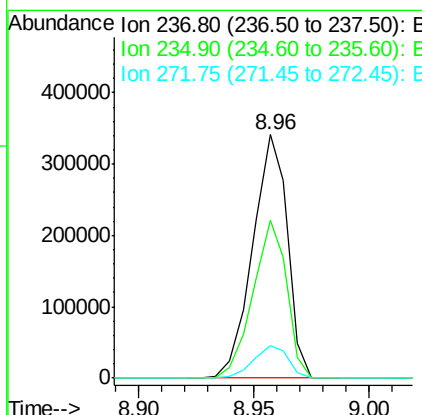
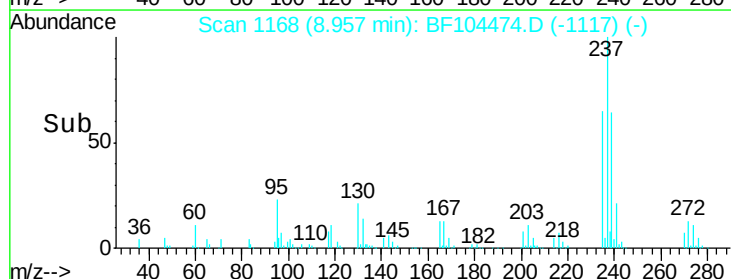
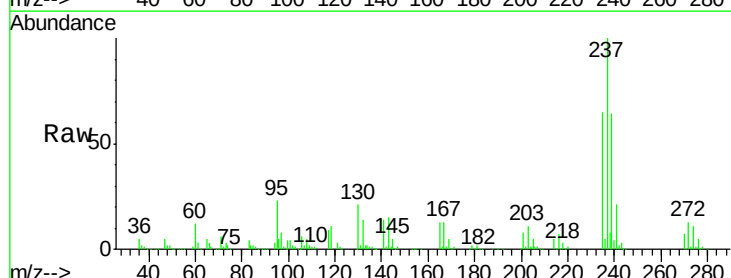
Manual Integrations
 APPROVED

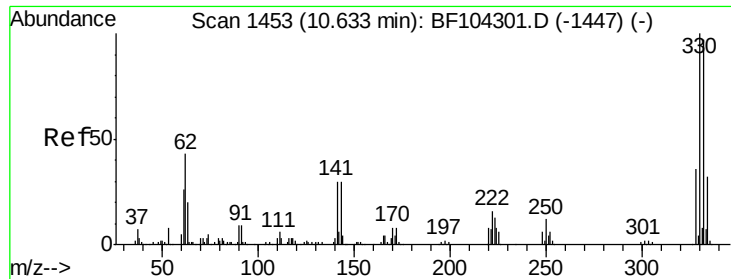
Sohil
 4/16/2018 3:09:58 PM



#40
 Hexachlorocyclopentadiene
 Concen: 81.182 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. 0.00 min
 Lab File: BF104474.D
 Acq: 13 Apr 2018 13:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		357526		
235	64.8		44.8	84.8	
272	13.3		0.0	33.3	





#41

2,4,6-Tribromophenol

Concen: 128.601 ng

RT: 10.65 min Scan# 1456

Delta R.T. 0.01 min

Lab File: BF104474.D

Acq: 13 Apr 2018 13:21

Instrument :

BNA_F

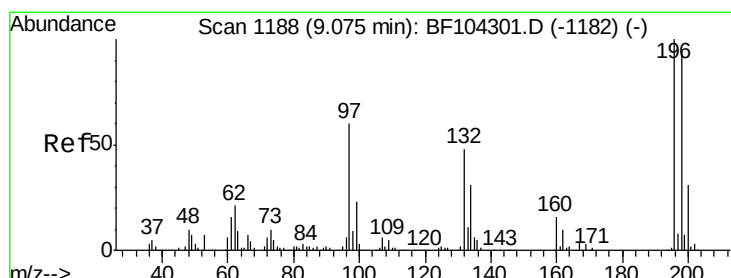
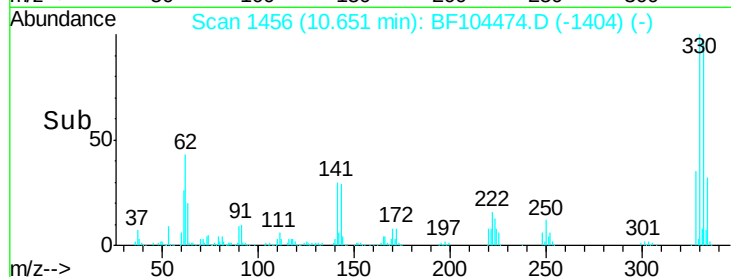
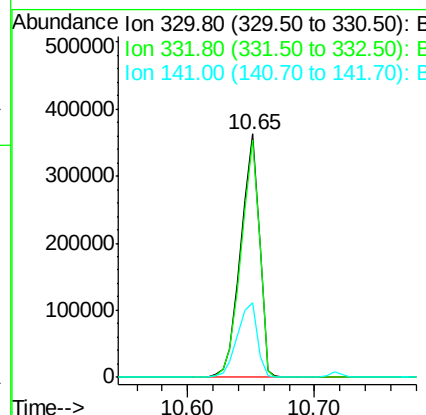
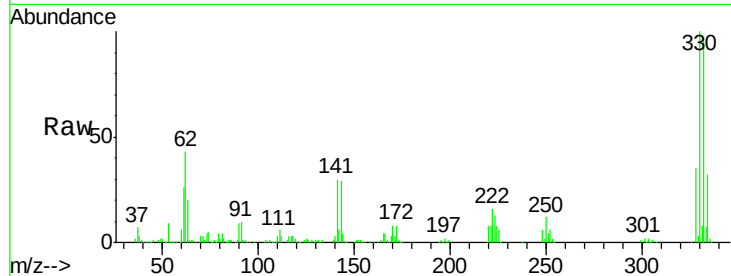
ClientSampleId :

PB108213BS

Tot Ion:	330	Resp:	366599
Ion Ratio	Lower	Upper	
330	100		
332	96.4	77.0	115.6
141	32.4	29.9	44.9

Manual Integrations
APPROVED

Sohil
4/16/2018 3:09:58 PM



#42

2,4,6-Trichlorophenol

Concen: 44.860 ng

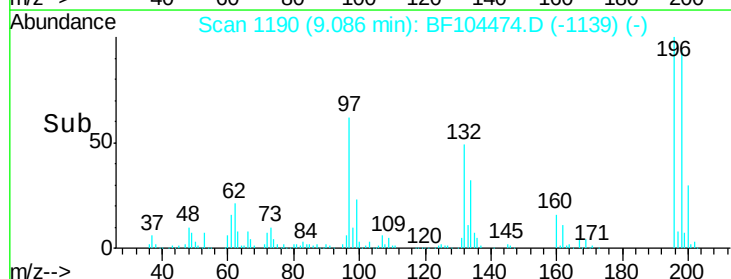
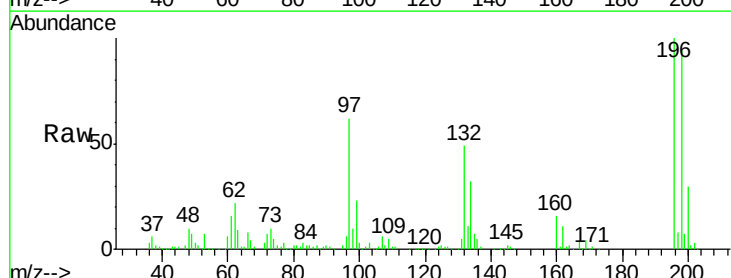
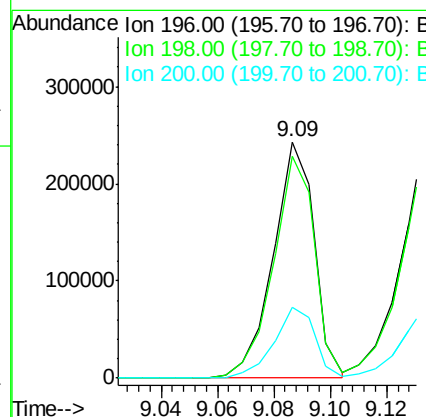
RT: 9.09 min Scan# 1190

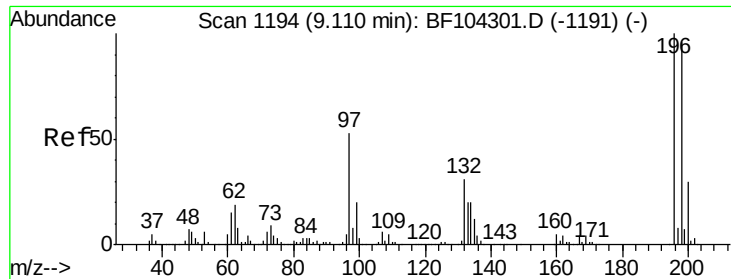
Delta R.T. 0.00 min

Lab File: BF104474.D

Acq: 13 Apr 2018 13:21

Tgt Ion:	196	Resp:	244978
Ion Ratio	Lower	Upper	
196	100		
198	94.3	75.7	113.5
200	30.2	24.5	36.7





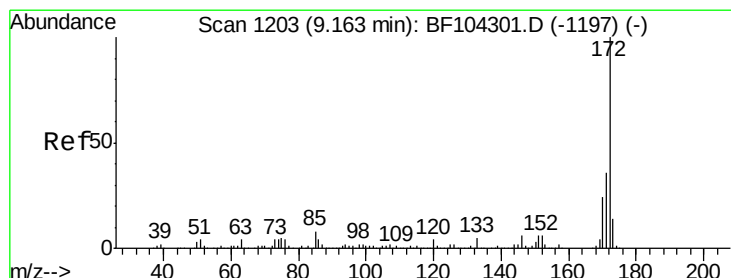
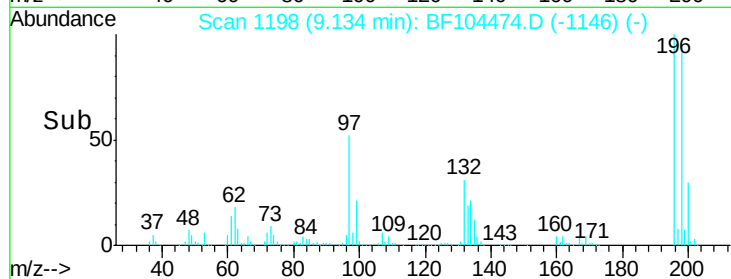
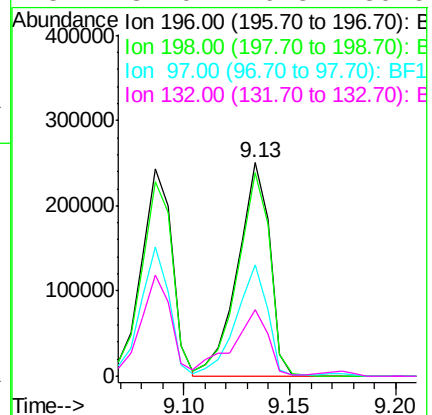
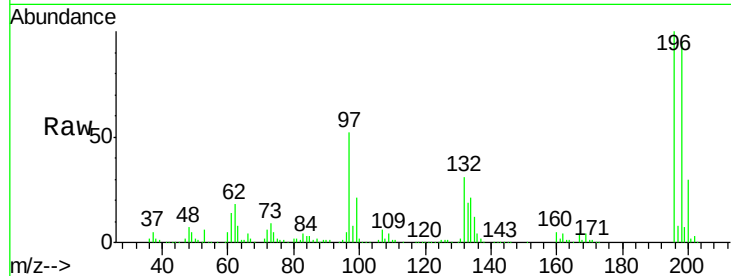
#43
 2,4,5-Trichlorophenol
 Concen: 43.323 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF104474.D
 Acq: 13 Apr 2018 13:21

Instrument :
 BNA_F
 ClientSampleId :
 PB108213BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	264743		
198	95.5	74.6	112.0	
97	52.3	42.9	64.3	
132	31.0	26.3	39.5	

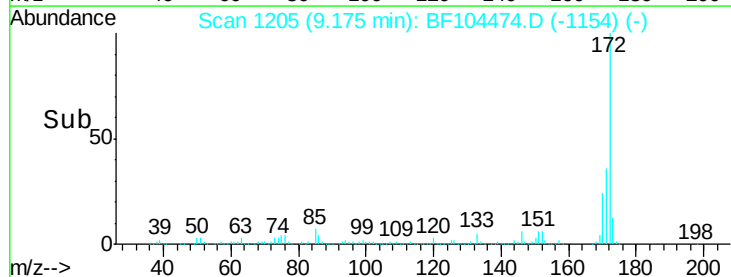
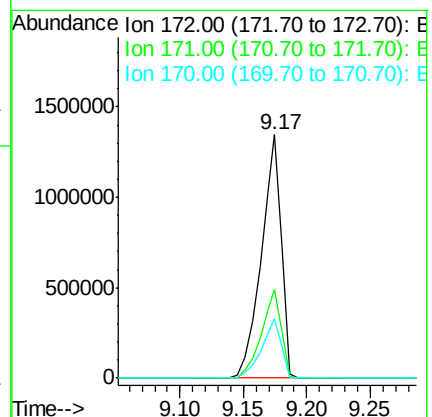
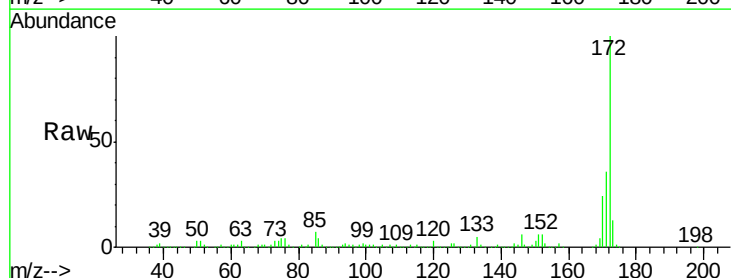
Manual Integrations
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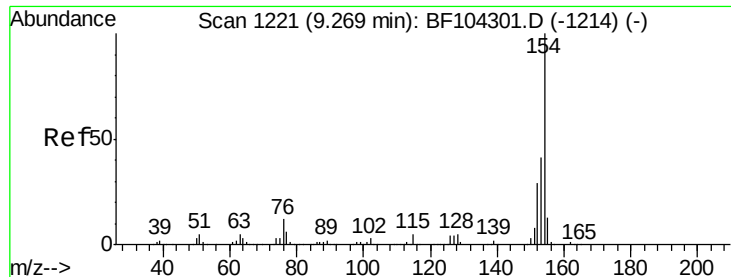
Sohil
 4/16/2018 3:09:58 PM



#44
 2-Fluorobiphenyl
 Concen: 85.109 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF104474.D
 Acq: 13 Apr 2018 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1480538		
171	36.3	29.7	44.5	
170	24.3	19.6	29.4	





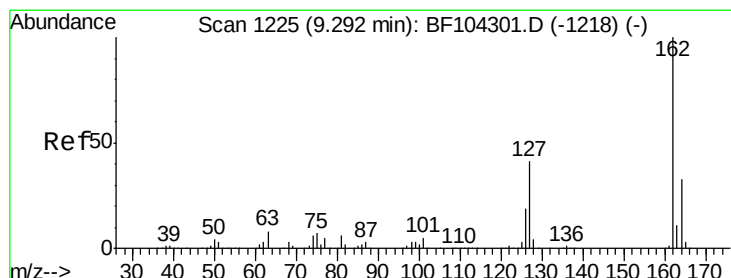
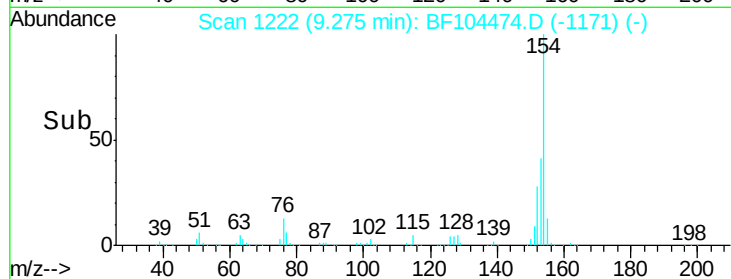
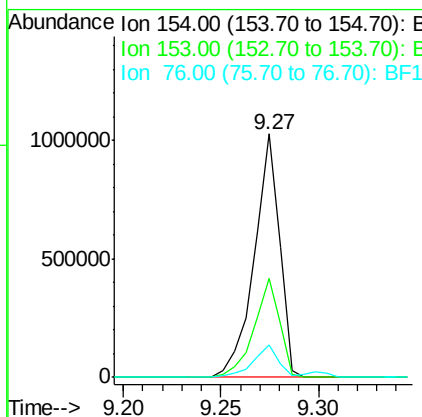
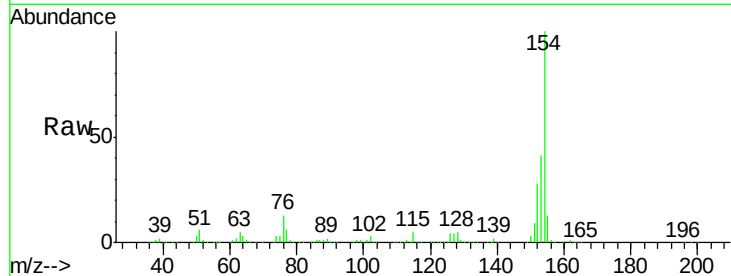
#45
 1,1'-Biphenyl
 Concen: 39.965 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BF104474.D
 Acq: 13 Apr 2018 13:21

Instrument :
 BNA_F
 ClientSampled :
 PB108213BS

Tot Ion:	154	Resp:	922625
Ion Ratio	Lower	Upper	
154	100		
153	40.9	21.3	61.3
76	13.2	0.0	34.0

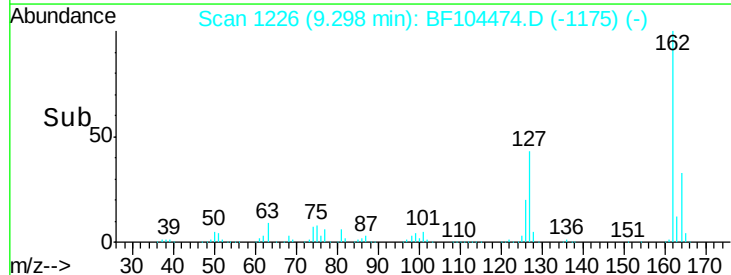
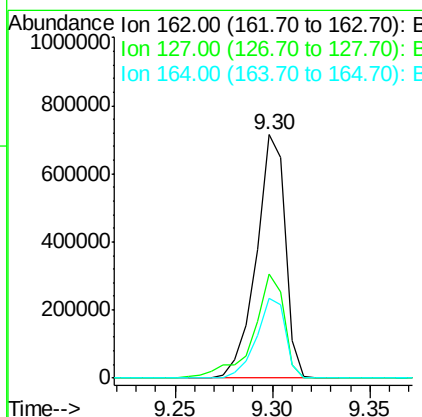
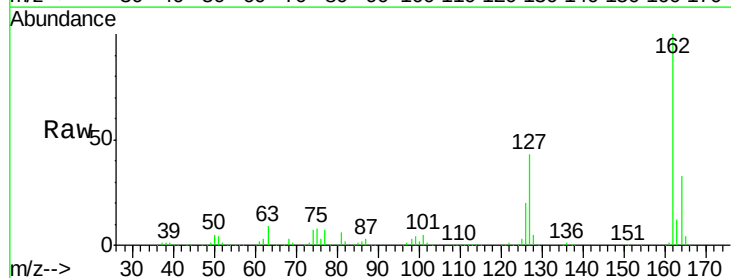
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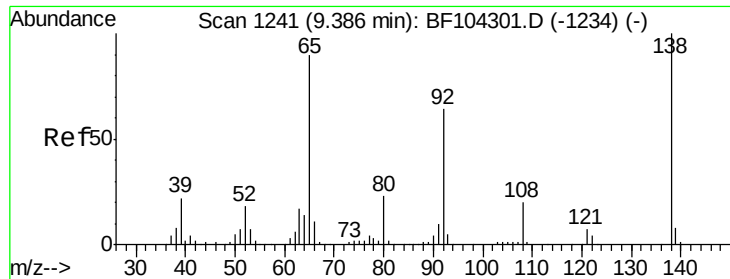
Sohil
 4/16/2018 3:09:58 PM



#46
 2-Chloronaphthalene
 Concen: 40.015 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. 0.00 min
 Lab File: BF104474.D
 Acq: 13 Apr 2018 13:21

Tgt Ion:	162	Resp:	729668
Ion Ratio	Lower	Upper	
162	100		
127	43.0	33.9	50.9
164	32.8	26.5	39.7





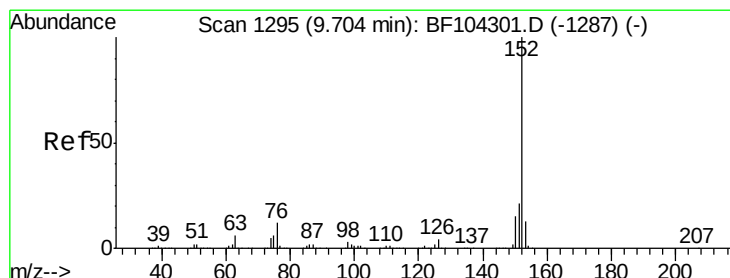
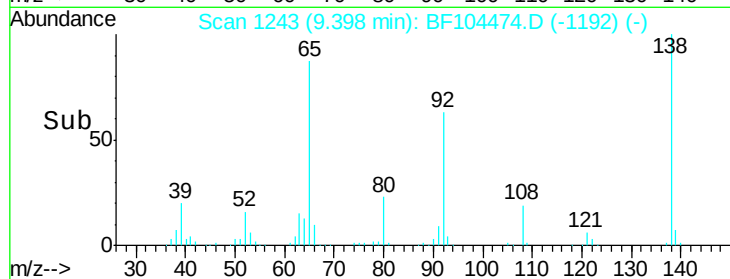
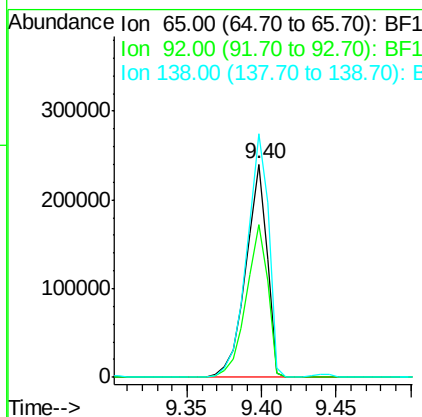
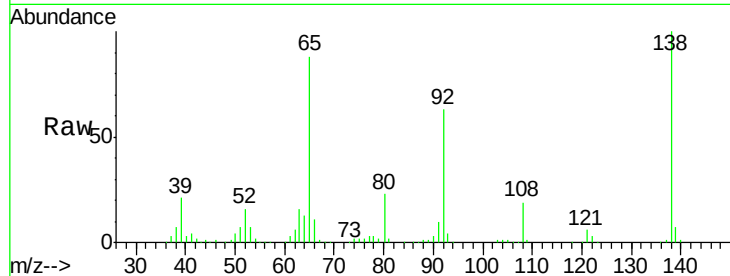
#47
2-Nitroaniline
Concen: 52.311 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Instrument :
BNA_F
ClientSampleId :
PB108213BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.7	55.8	83.6
138	114.2	91.2	136.8

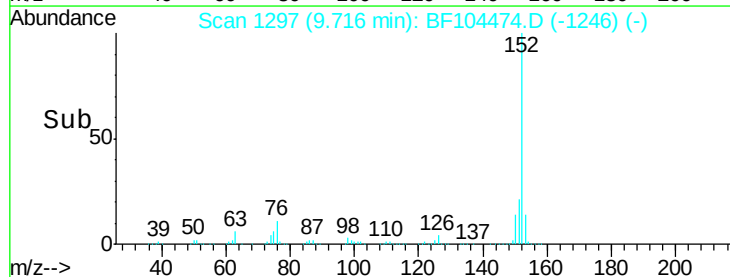
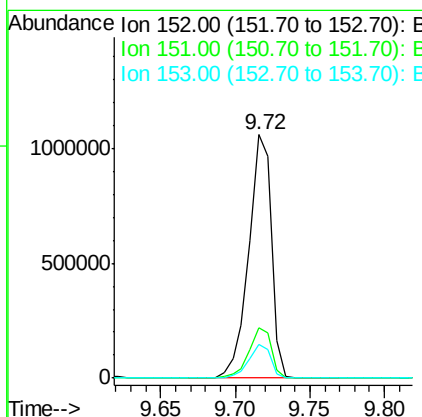
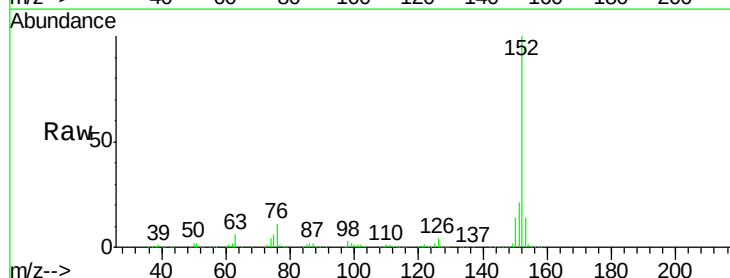
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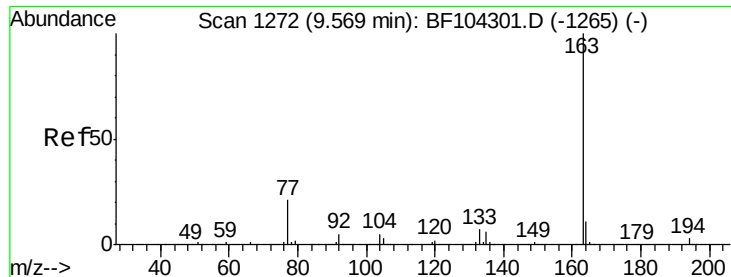
Sohil
4/16/2018 3:09:58 PM



#48
Acenaphthylene
Concen: 38.837 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

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





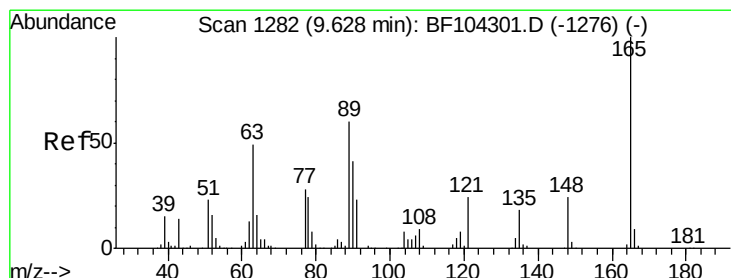
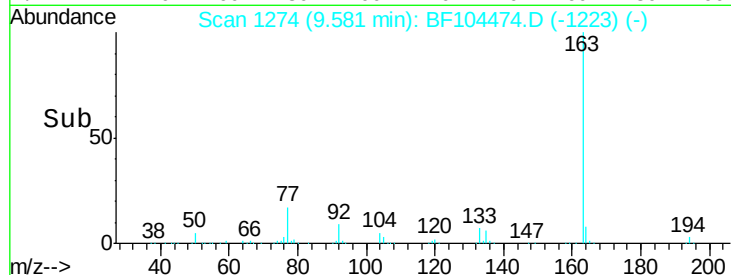
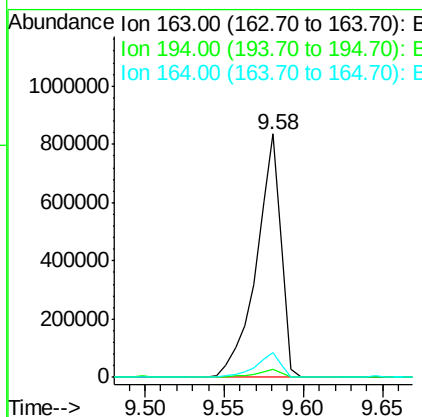
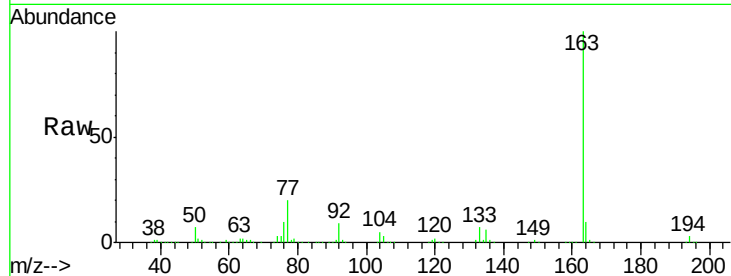
#49
Dimethylphthalate
Concen: 41.718 ng
RT: 9.58 min Scan# 1274
Delta R.T. 0.00 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Instrument :
BNA_F
ClientSampleId :
PB108213BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.4	2.7	4.1	
164	10.4	8.2	12.2	

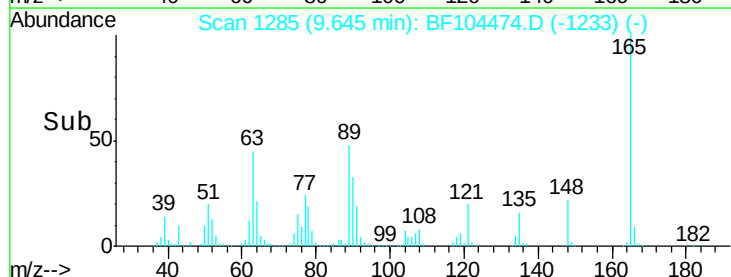
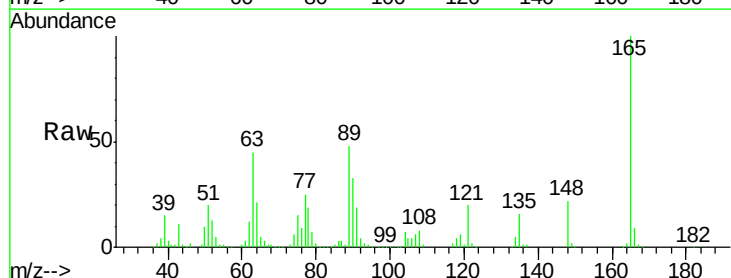
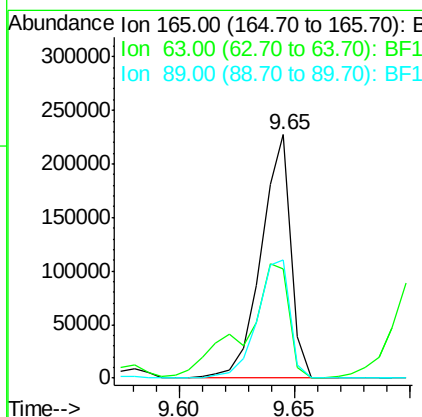
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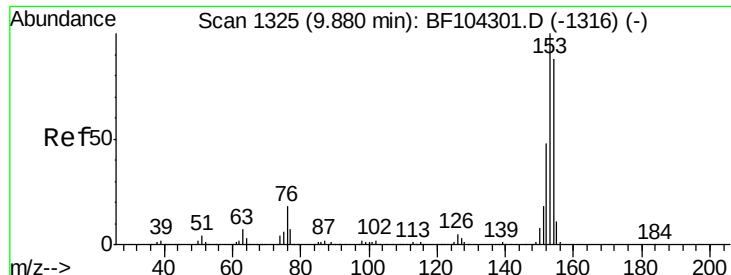
Sohil
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#50
2,6-Dinitrotoluene
Concen: 50.710 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	45.0	44.7	67.1	
89	48.4	44.0	66.0	





#51

Acenaphthene

Concen: 37.132 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF104474.D

Acq: 13 Apr 2018 13:21

Instrument :

BNA_F

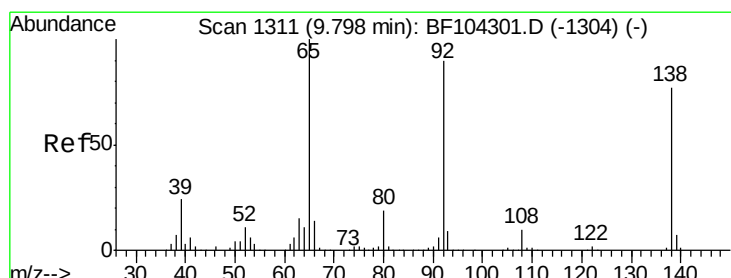
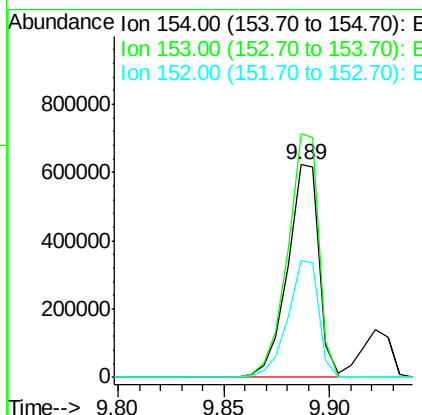
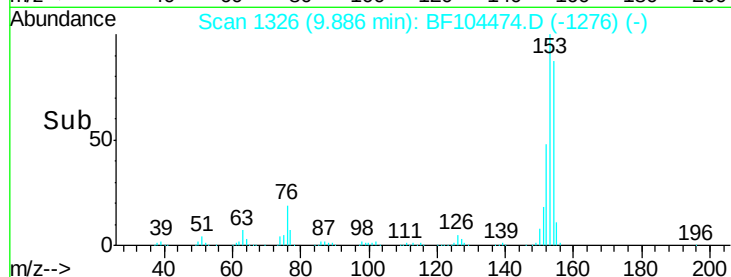
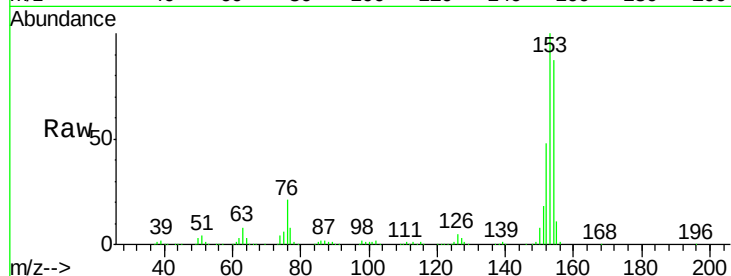
ClientSampleId :

PB108213BS

Tot Ion:	154	Resp:	648172
Ion Ratio	Lower	Upper	
154	100		
153	114.4	91.2	136.8
152	55.2	43.8	65.8

Manual Integrations
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#52

3-Nitroaniline

Concen: 39.669 ng

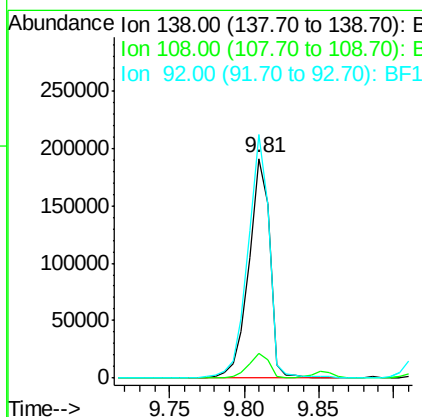
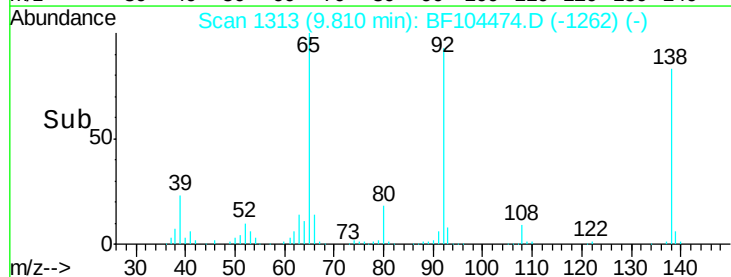
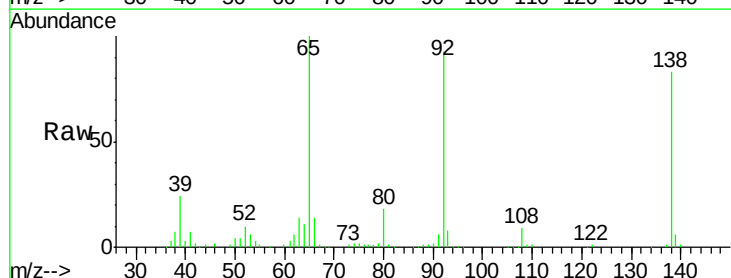
RT: 9.81 min Scan# 1313

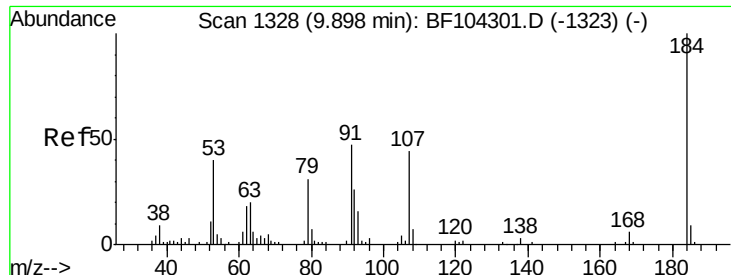
Delta R.T. 0.00 min

Lab File: BF104474.D

Acq: 13 Apr 2018 13:21

Tgt Ion:	138	Resp:	186224
Ion Ratio	Lower	Upper	
138	100		
108	11.2	9.4	14.0
92	111.0	89.4	134.2





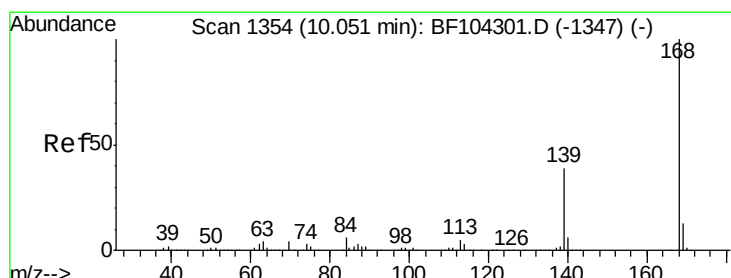
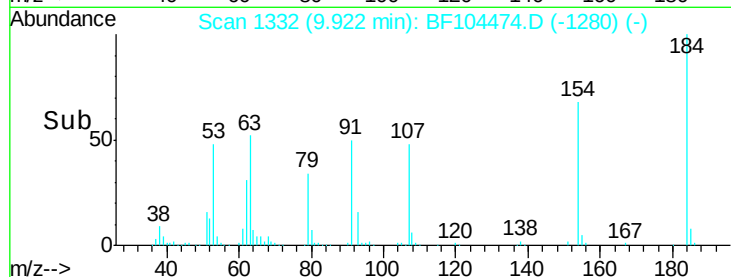
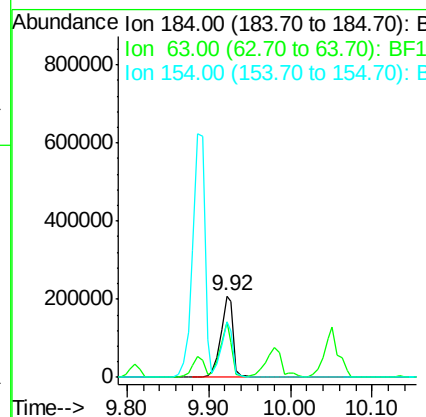
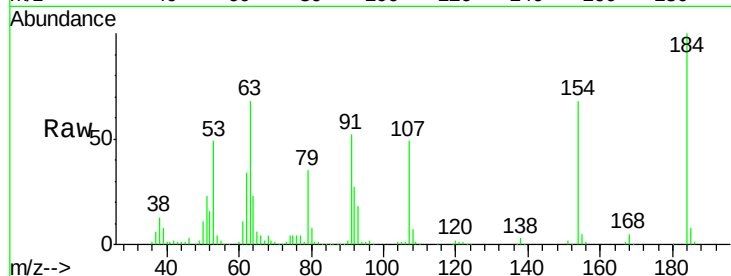
#53
 2,4-Dinitrophenol
 Concen: 112.745 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.01 min
 Lab File: BF104474.D
 Acq: 13 Apr 2018 13:21

Instrument :
 BNA_F
 ClientSampled :
 PB108213BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	223146		
63	68.2	54.2	81.2	
154	67.9	184.0	276.0	

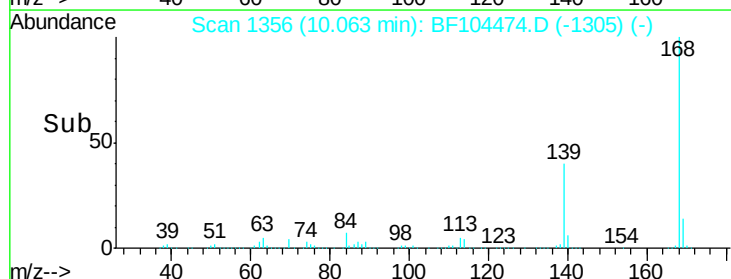
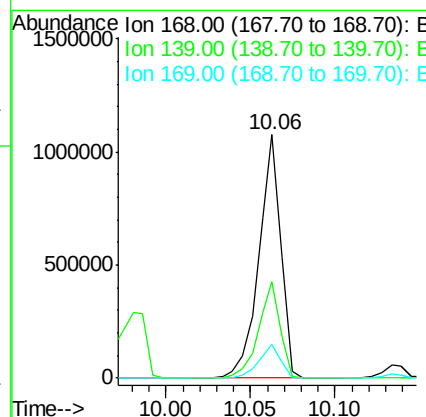
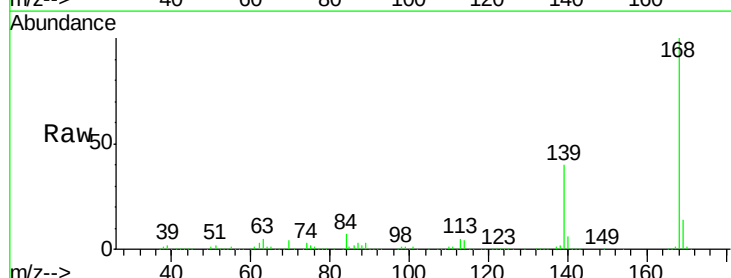
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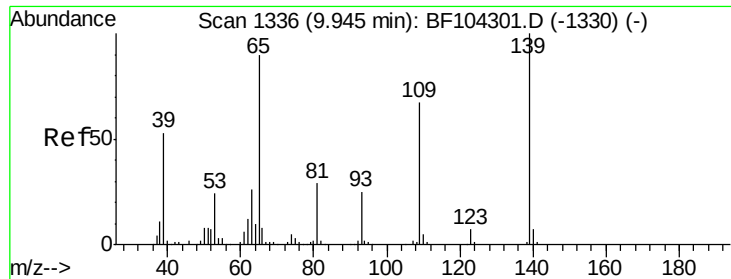
Sohil
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#54
 Dibenzofuran
 Concen: 40.029 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: BF104474.D
 Acq: 13 Apr 2018 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	973766		
139	39.6	30.1	45.1	
169	13.9	10.9	16.3	





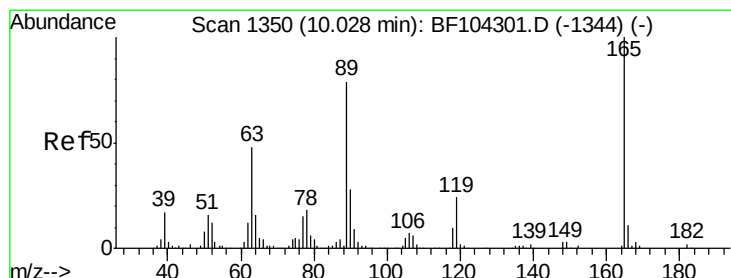
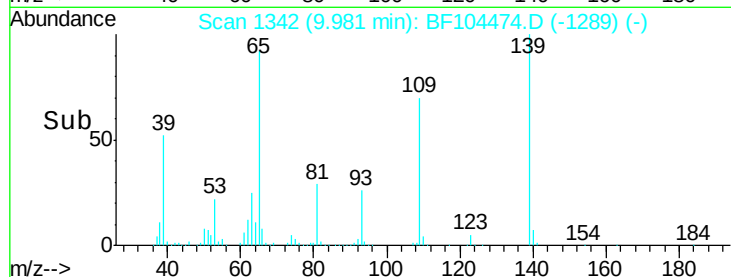
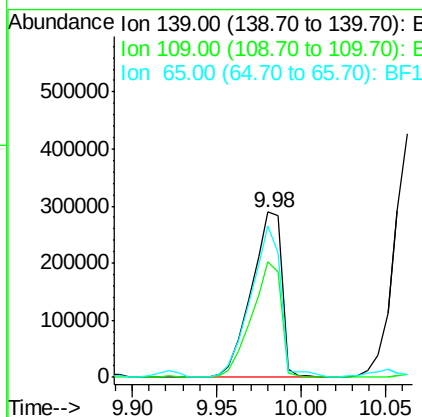
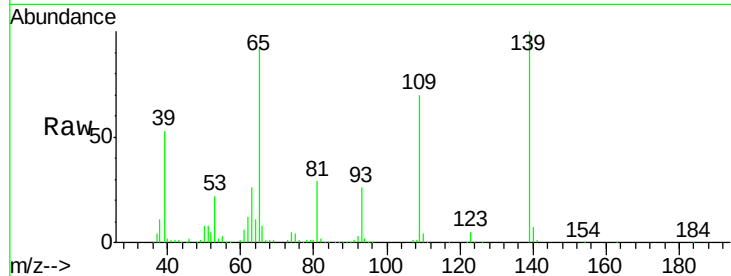
#55
4-Nitrophenol
Concen: 99.009 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Instrument :
BNA_F
ClientSampleId :
PB108213BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	365111		
109	69.7	48.4	88.4	
65	91.9	72.6	112.6	

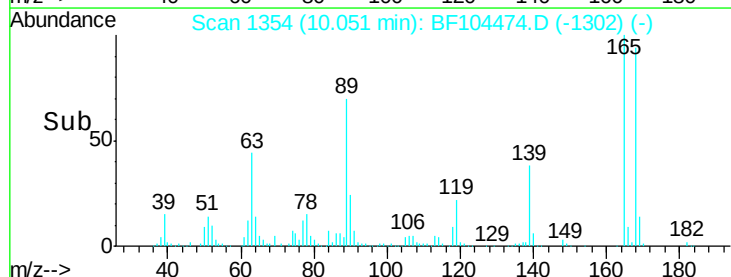
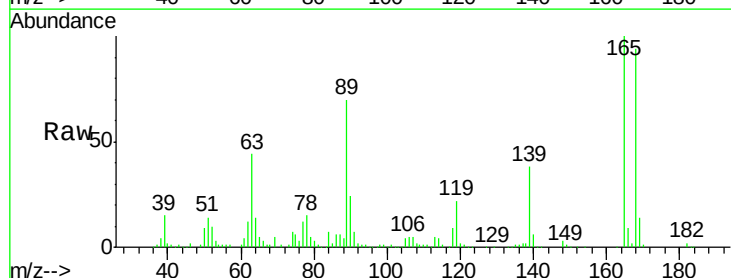
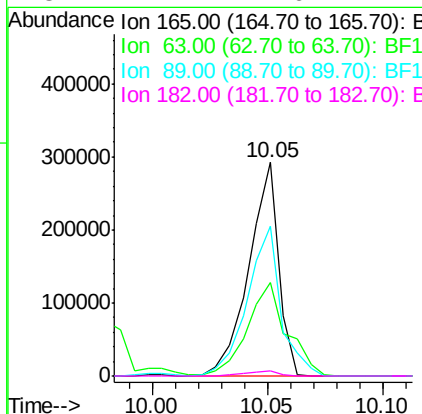
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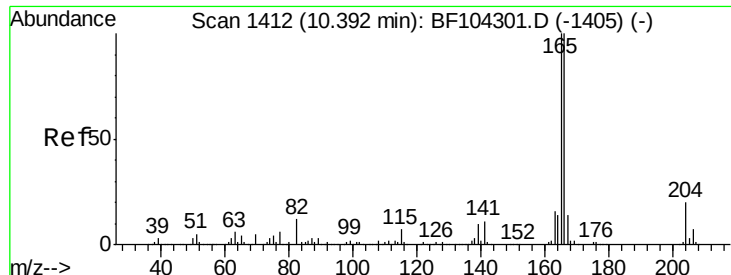
Sohil
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#56
2,4-Dinitrotoluene
Concen: 50.267 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	264400		
63	44.0	36.4	54.6	
89	69.9	57.8	86.6	
182	2.2	1.6	2.4	





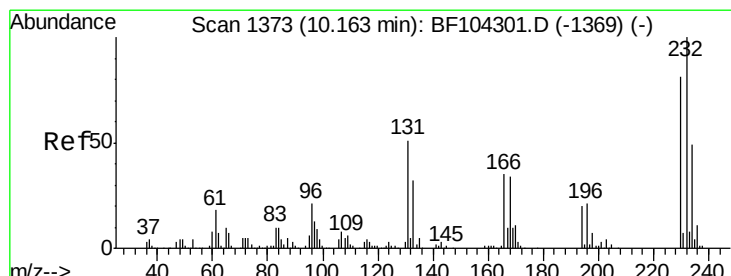
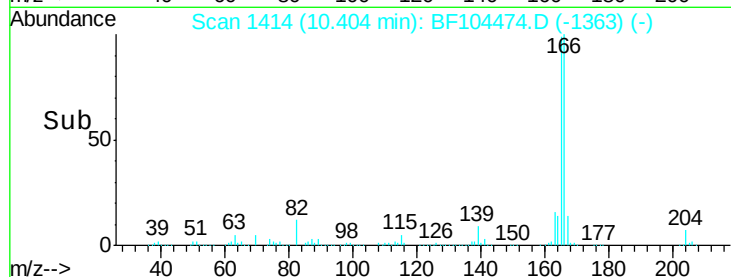
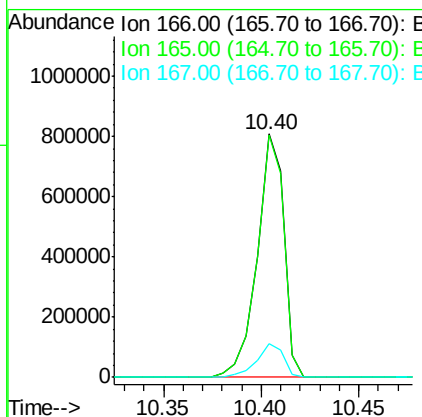
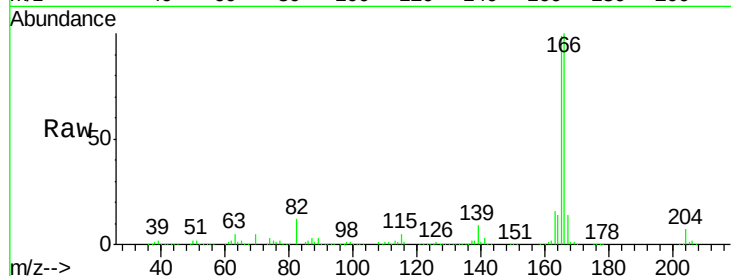
#57
 Fluorene
 Concen: 43.206 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.00 min
 Lab File: BF104474.D
 Acq: 13 Apr 2018 13:21

Instrument :
 BNA_F
 ClientSampled :
 PB108213BS

Tot Ion:	166	Resp:	765049
Ion Ratio	Lower	Upper	
166	100		
165	99.3	79.8	119.8
167	13.6	10.6	16.0

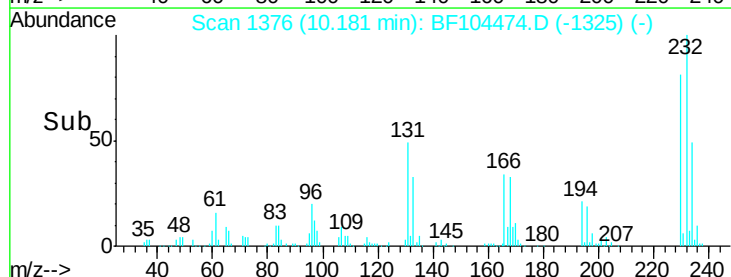
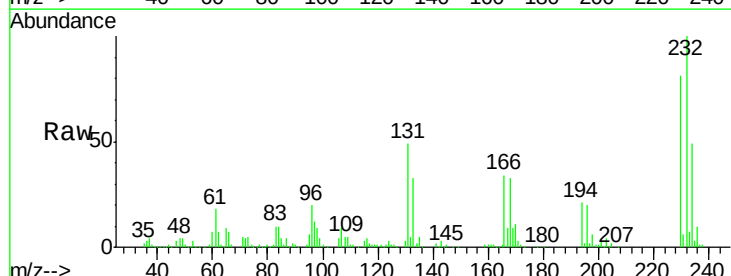
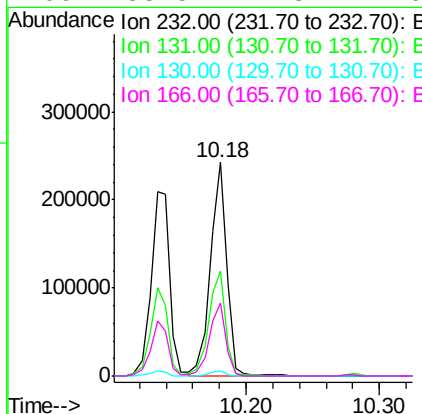
Manual Integrations
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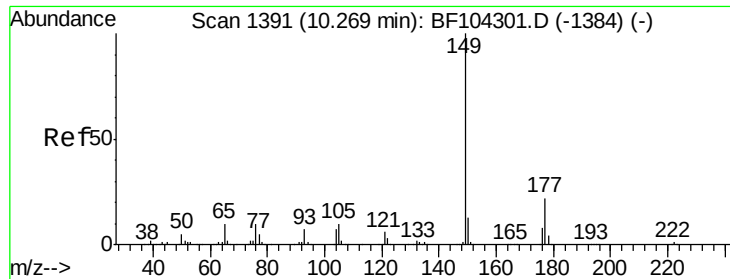
Sohil
 4/16/2018 3:09:58 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.642 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.00 min
 Lab File: BF104474.D
 Acq: 13 Apr 2018 13:21

Tgt Ion:	232	Resp:	208085
Ion Ratio	Lower	Upper	
232	100		
131	50.8	43.8	65.8
130	2.5	2.1	3.1
166	33.5	27.8	41.6





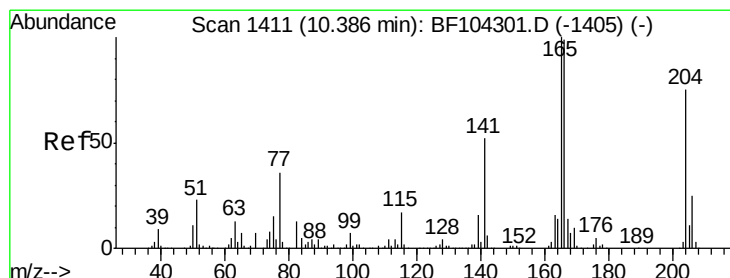
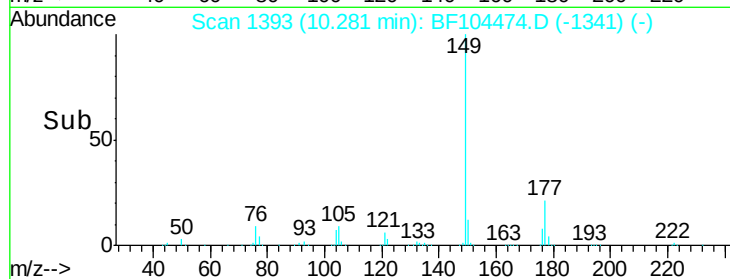
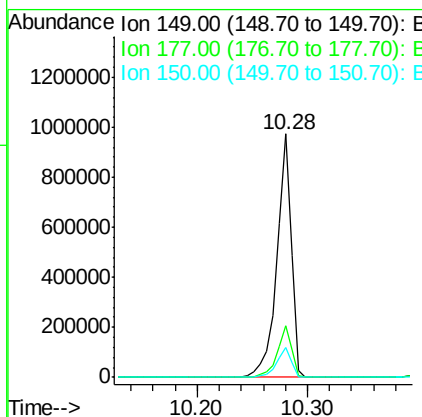
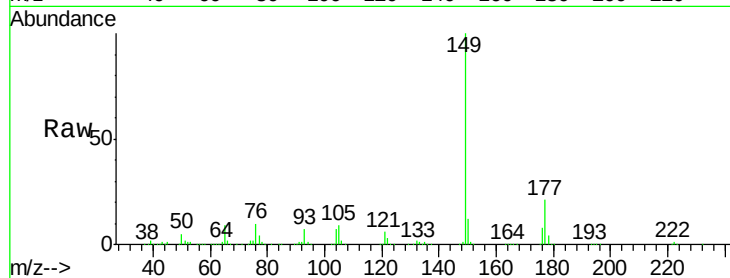
#59
Diethylphthalate
Concen: 41.540 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Instrument :
BNA_F
ClientSampleId :
PB108213BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.4	16.1	24.1
150	12.4	10.1	15.1

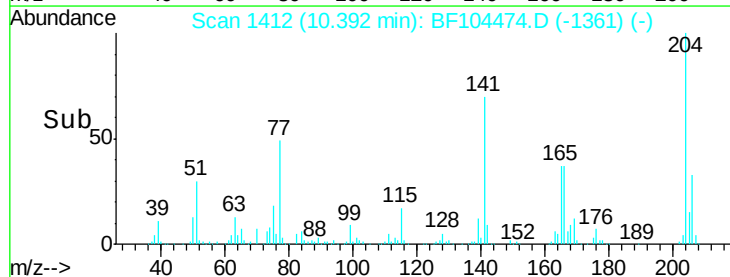
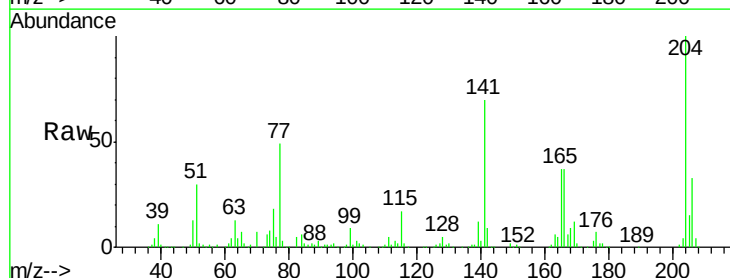
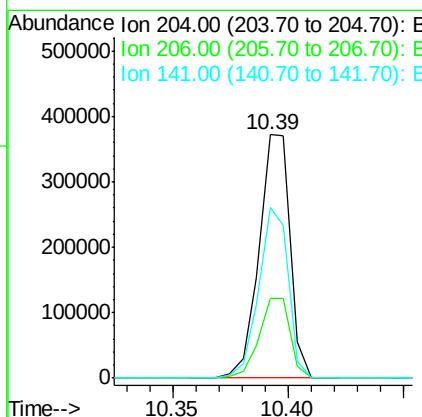
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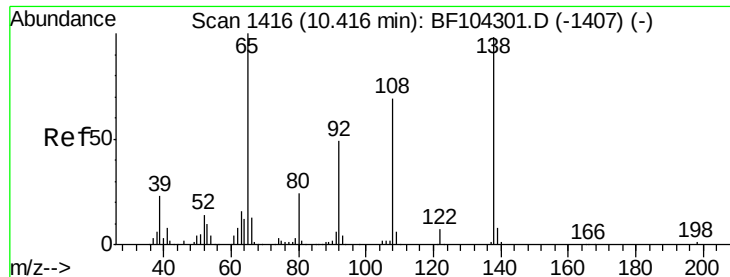
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 44.270 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.5	39.7
141	69.9	54.6	81.8





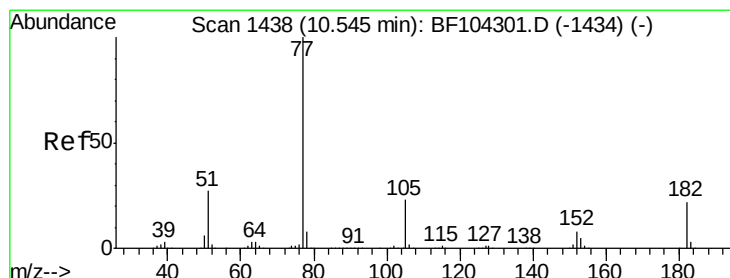
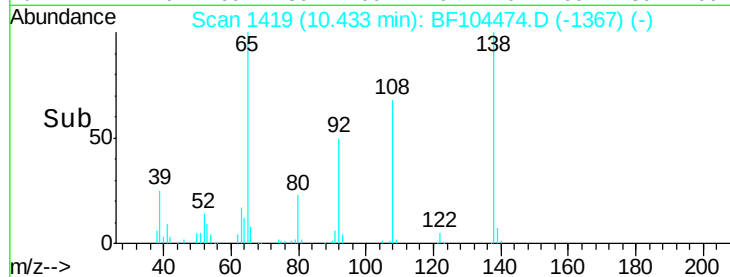
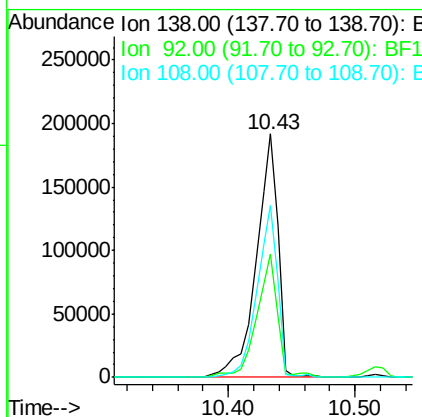
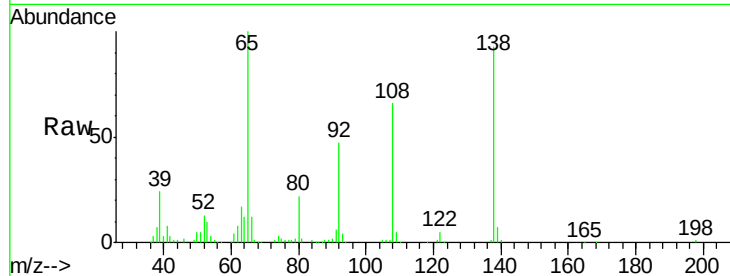
#61
4-Nitroaniline
Concen: 50.198 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Instrument :
BNA_F
ClientSampled :
PB108213BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	230416		
92	50.5	30.2	70.2	
108	70.7	52.5	92.5	

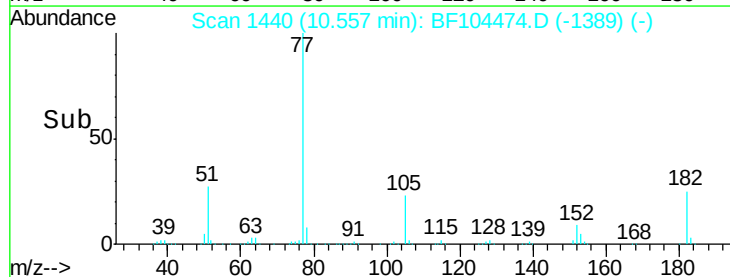
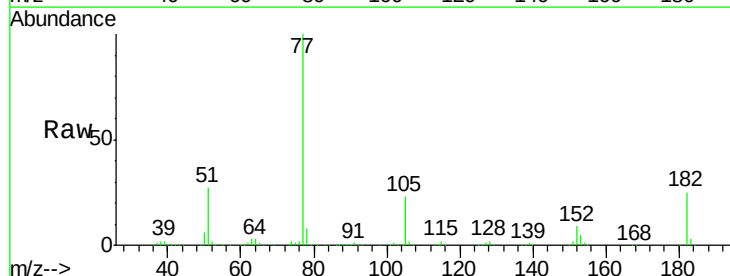
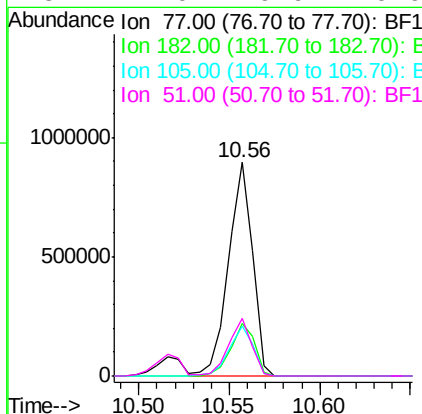
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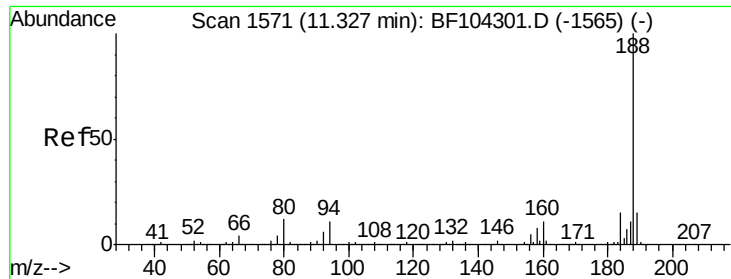
Sohil
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#62
Azobenzene
Concen: 39.991 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	824614		
182	24.5	1.7	41.7	
105	23.4	3.0	43.0	
51	27.0	9.9	49.9	





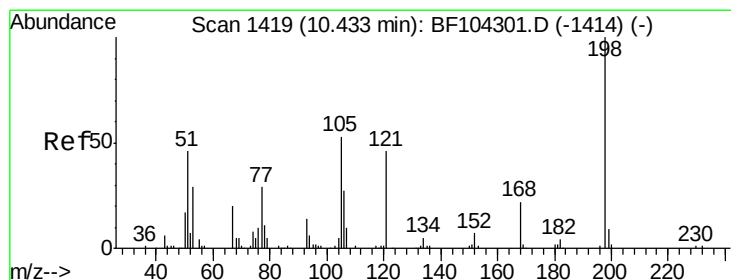
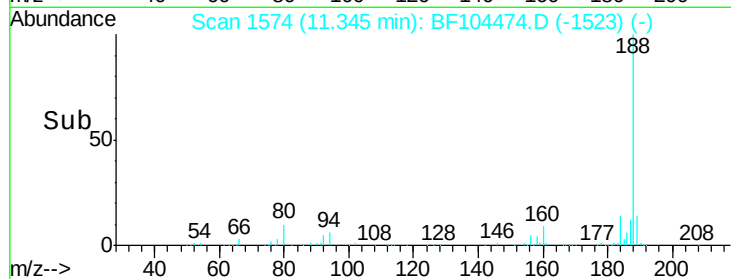
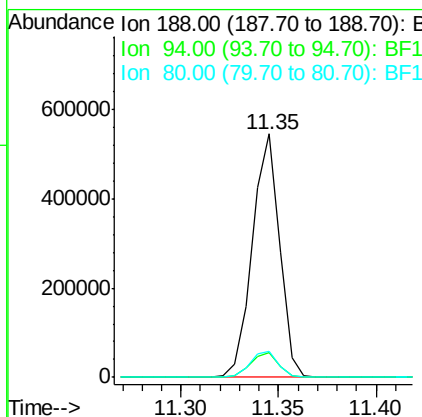
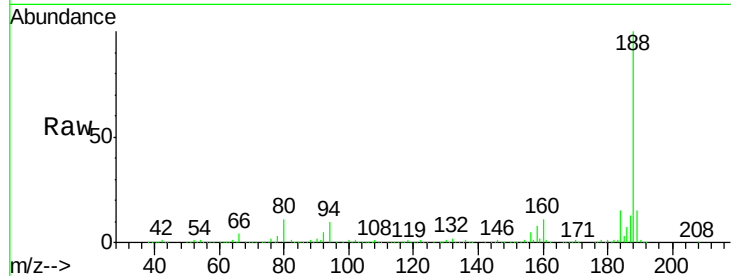
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Instrument :
BNA_F
ClientSampleId :
PB108213BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	525849		
94	10.1		8.5	12.7
80	10.9		9.2	13.8

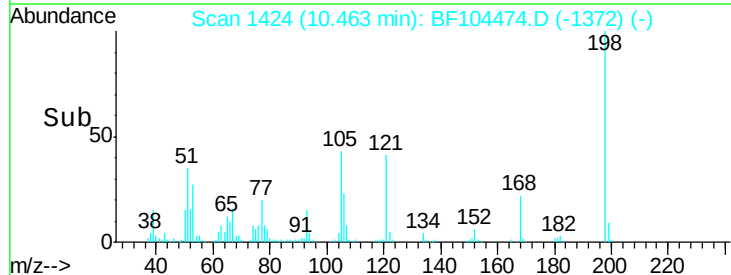
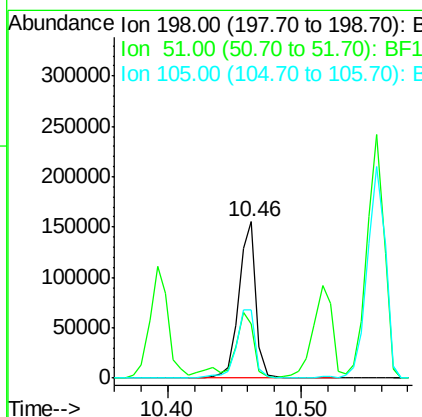
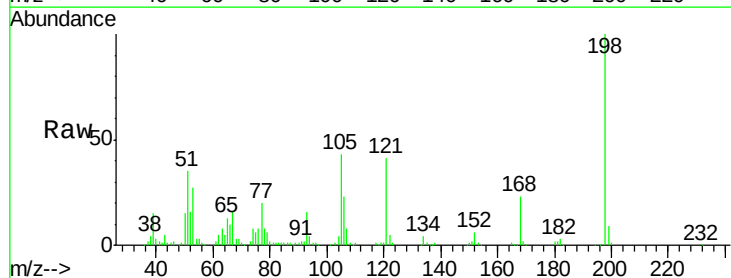
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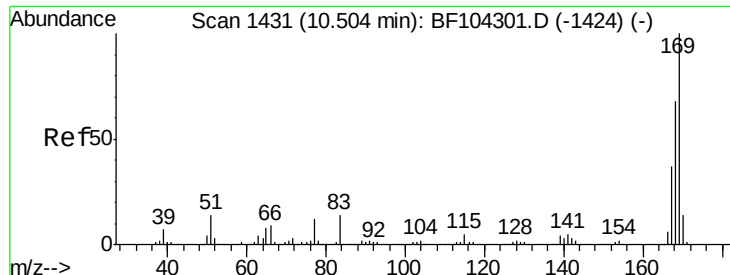
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 52.896 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	137733		
51	34.7		37.7	77.7#
105	43.4		36.3	76.3





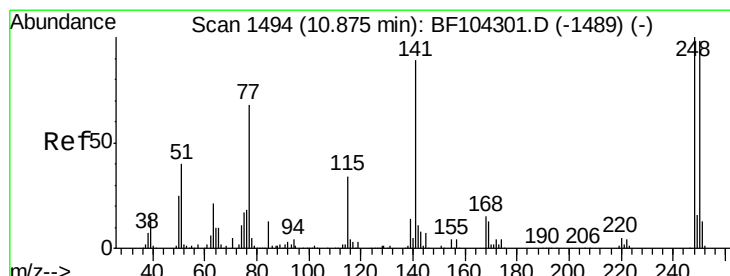
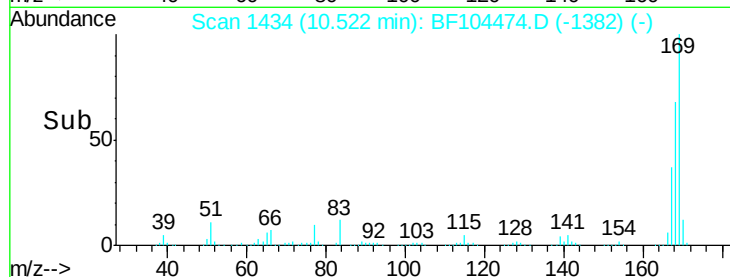
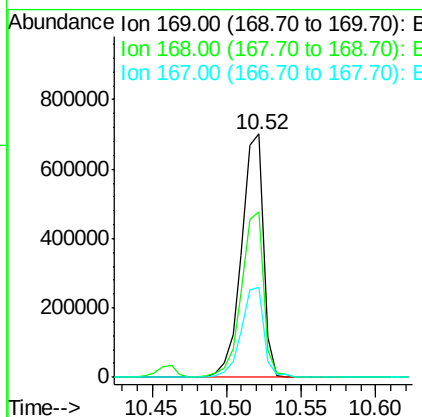
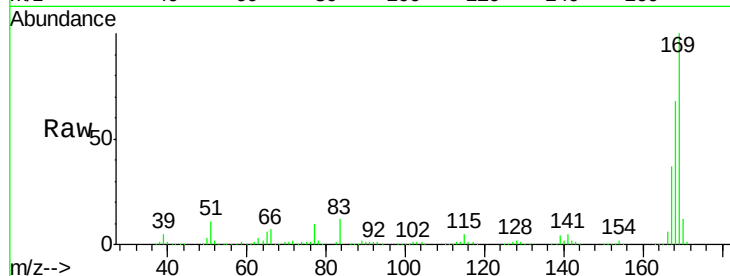
#65
n-Nitrosodiphenylamine
Concen: 39.257 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Instrument :
BNA_F
ClientSampleId :
PB108213BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.8	54.4	81.6
167	36.8	29.8	44.6

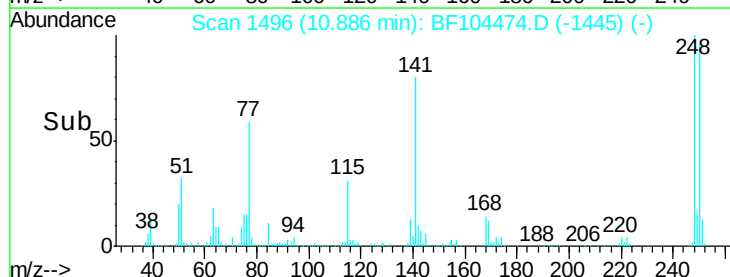
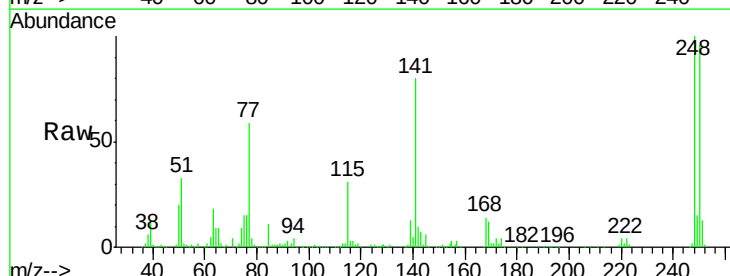
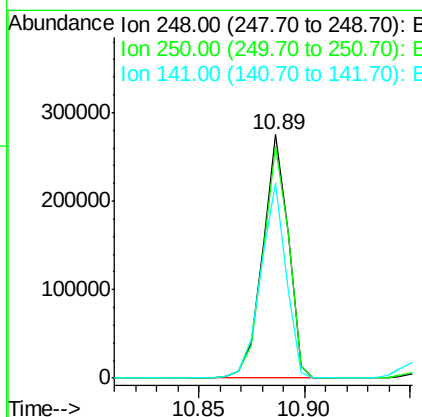
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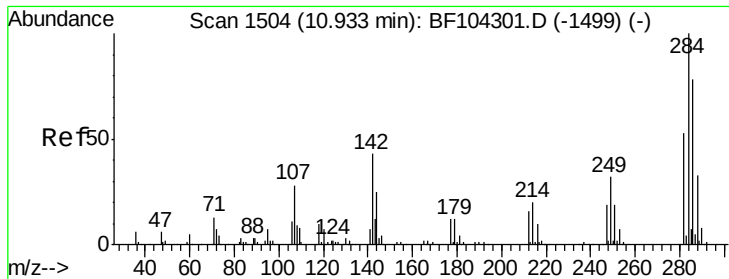
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 41.516 ng
RT: 10.89 min Scan# 1496
Delta R.T. 0.00 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.5	76.9	115.3
141	80.3	74.4	111.6





#67

Hexachlorobenzene

Concen: 40.384 ng

RT: 10.95 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BF104474.D

Acq: 13 Apr 2018 13:21

Instrument :

BNA_F

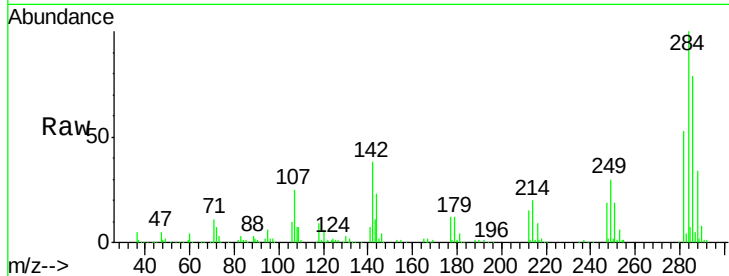
ClientSampleId :

PB108213BS

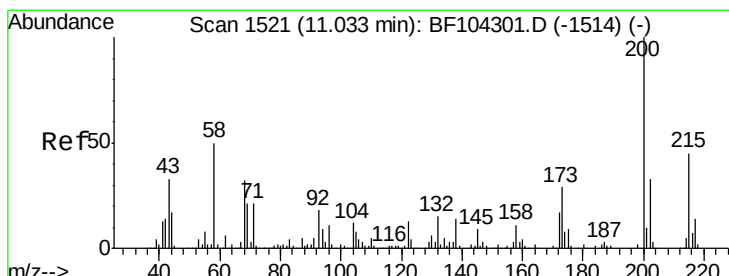
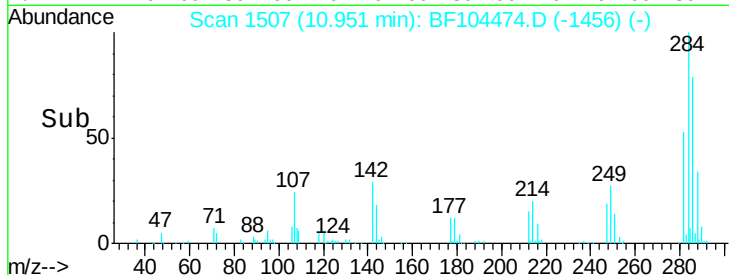
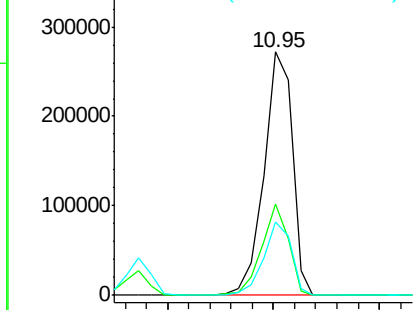
Tot Ion:	284	Resp:	254166
Ion Ratio	Lower	Upper	
284	100		
142	37.7	34.6	52.0
249	29.9	24.8	37.2

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



#68

Atrazine

Concen: 42.679 ng

RT: 11.05 min Scan# 1524

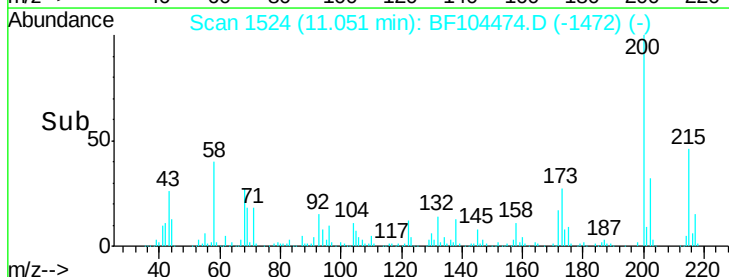
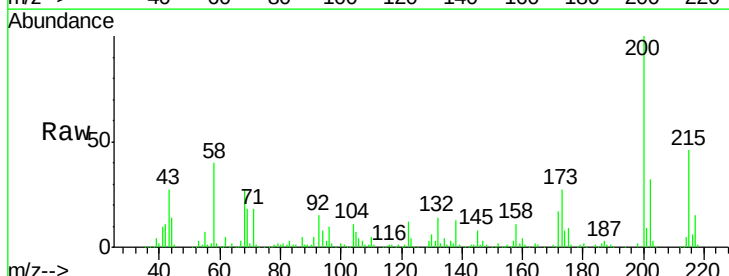
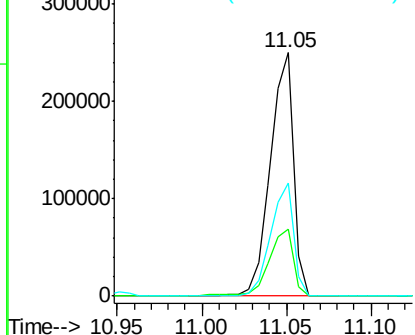
Delta R.T. 0.01 min

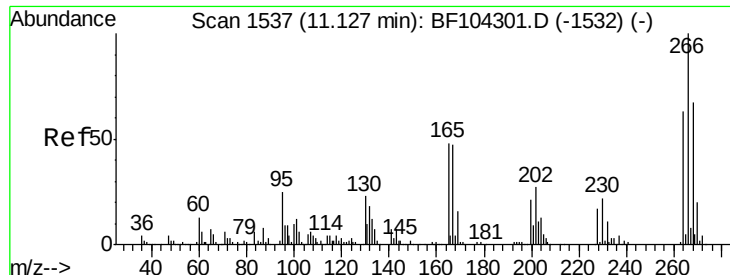
Lab File: BF104474.D

Acq: 13 Apr 2018 13:21

Tgt Ion:	200	Resp:	234883
Ion Ratio	Lower	Upper	
200	100		
173	27.5	8.6	48.6
215	46.2	25.1	65.1

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





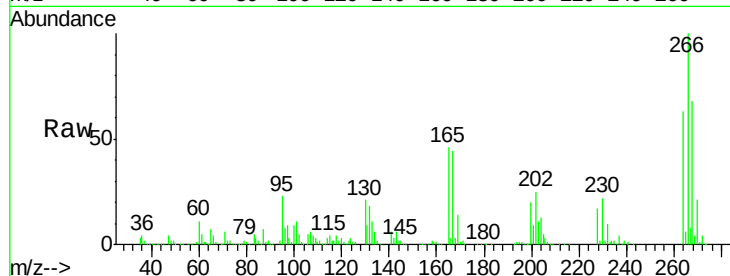
#69
 Pentachlorophenol
 Concen: 69.399 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. 0.01 min
 Lab File: BF104474.D
 Acq: 13 Apr 2018 13:21

Instrument :
 BNA_F
 ClientSampleId :
 PB108213BS

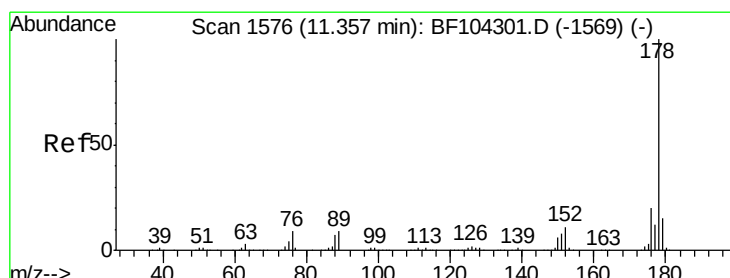
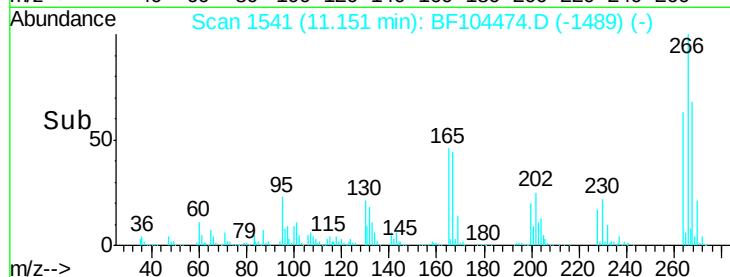
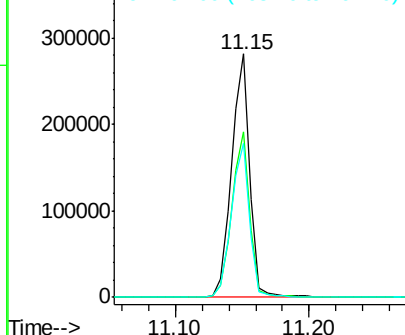
Tot Ion	Ratio	Lower	Upper
266	100		
268	67.9	51.1	76.7
264	63.4	49.5	74.3

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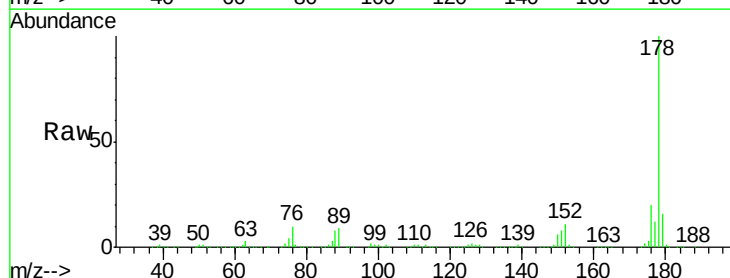


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

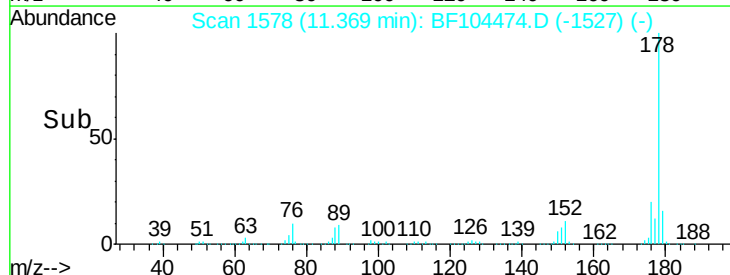
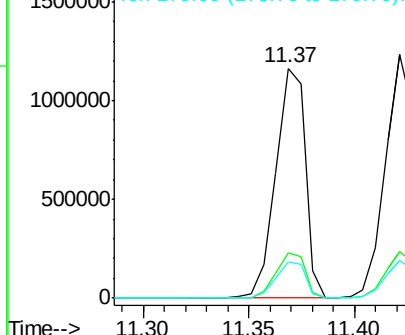


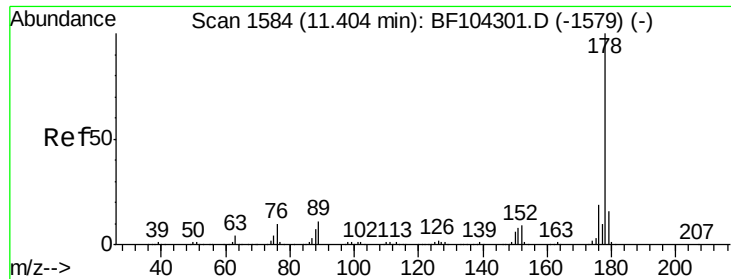
#70
 Phenanthrene
 Concen: 38.960 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: BF104474.D
 Acq: 13 Apr 2018 13:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.9	13.0	19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





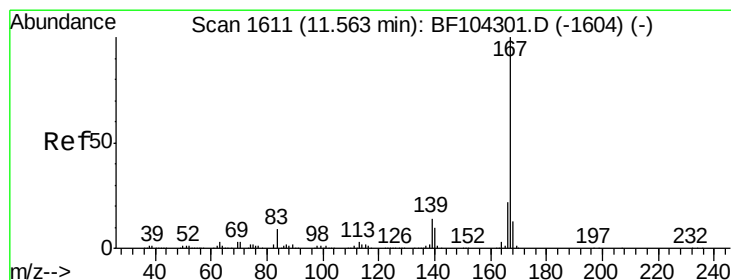
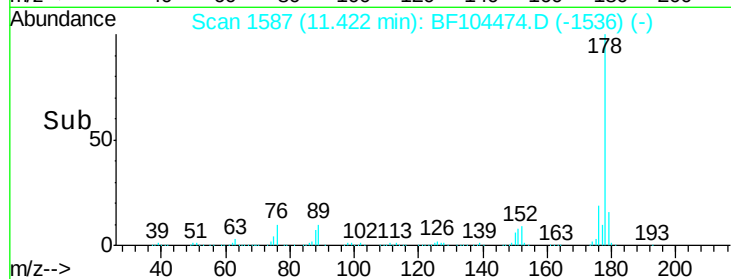
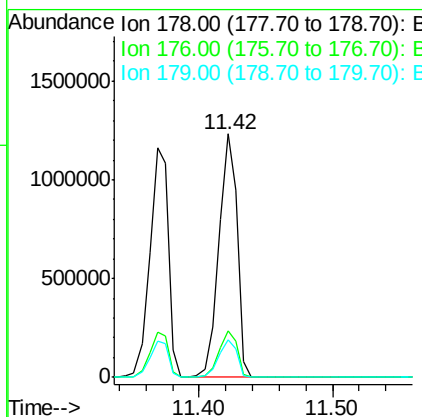
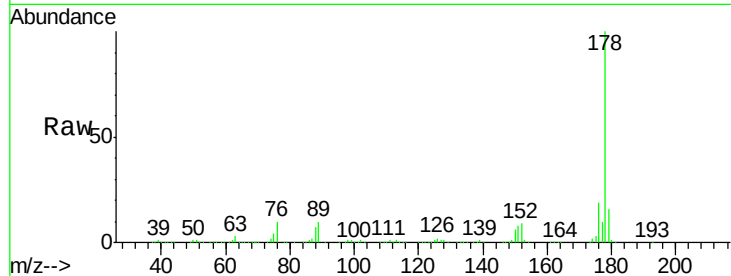
#71
 Anthracene
 Concen: 40.034 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.00 min
 Lab File: BF104474.D
 Acq: 13 Apr 2018 13:21

Instrument :
 BNA_F
 ClientSampleId :
 PB108213BS

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	18.9	15.4	23.2	
179	15.5	12.6	19.0	

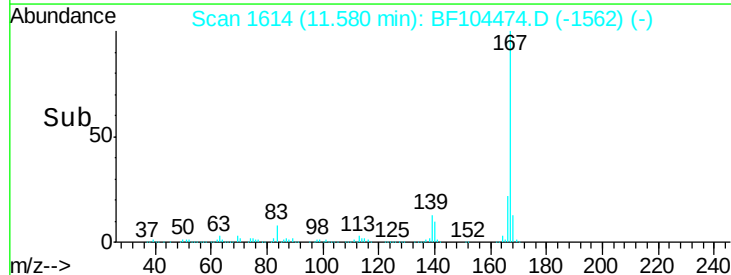
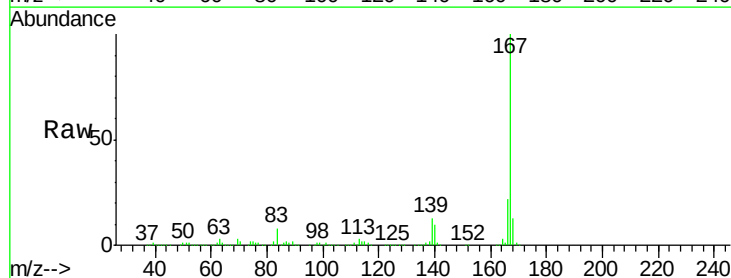
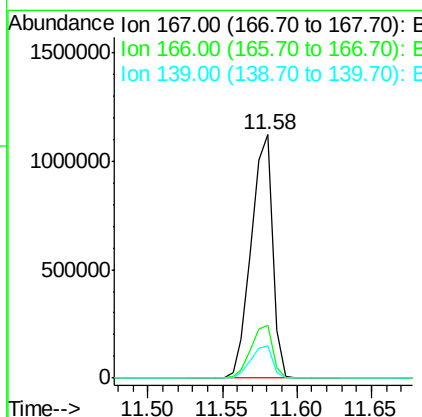
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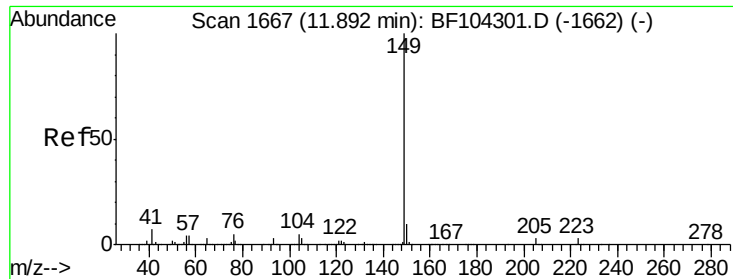
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#72
 Carbazole
 Concen: 38.153 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. 0.01 min
 Lab File: BF104474.D
 Acq: 13 Apr 2018 13:21

Tgt Ion	Ion	Ratio	Lower	Upper
167	100			
166	21.8	17.6	26.4	
139	13.4	10.9	16.3	





#73

Di-n-butylphthalate

Concen: 38.623 ng

RT: 11.90 min Scan# 1669

Delta R.T. 0.00 min

Lab File: BF104474.D

Acq: 13 Apr 2018 13:21

Instrument :

BNA_F

ClientSampleId :

PB108213BS

Tot Ion:149 Resp: 1372382

Ion Ratio Lower Upper

149 100

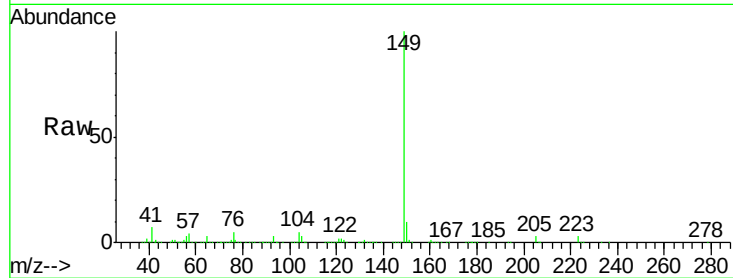
150 9.7 7.8 11.6

104 5.1 3.8 5.8

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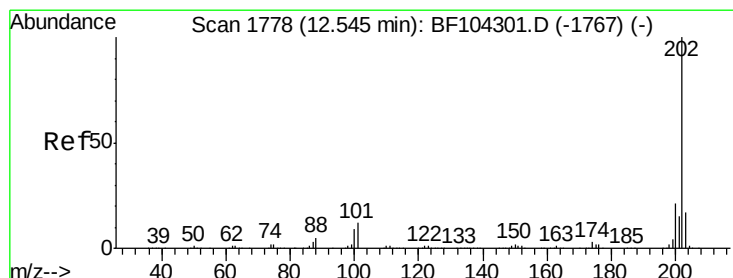
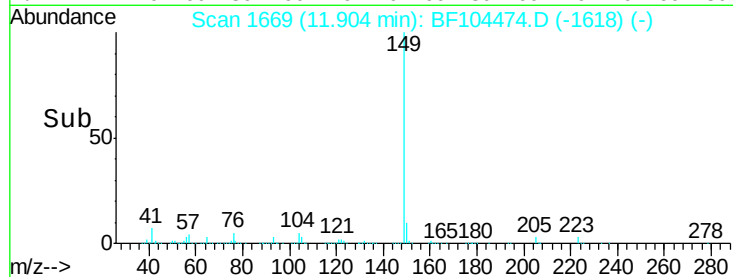
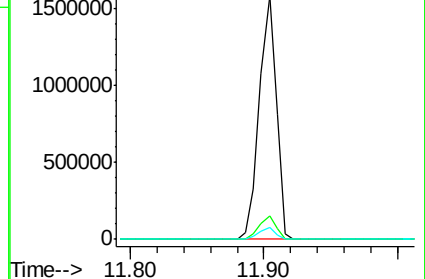
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.334 ng

RT: 12.56 min Scan# 1781

Delta R.T. 0.01 min

Lab File: BF104474.D

Acq: 13 Apr 2018 13:21

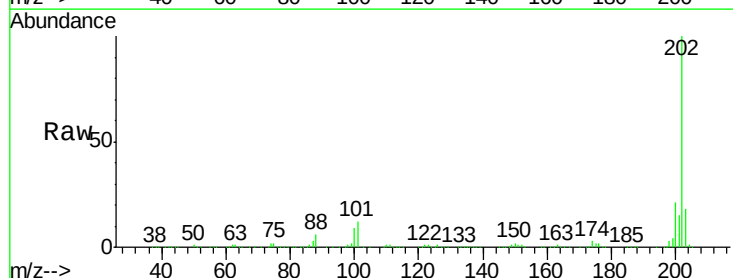
Tgt Ion:202 Resp: 1203479

Ion Ratio Lower Upper

202 100

101 11.8 0.0 34.1

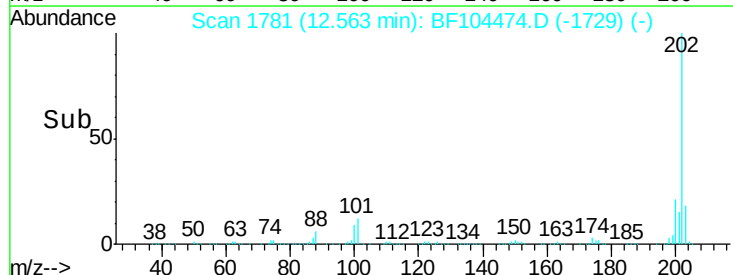
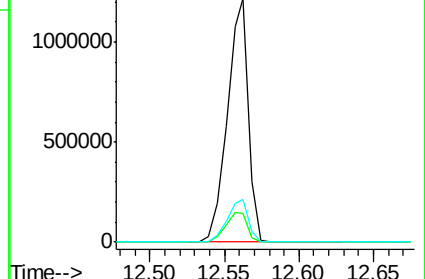
203 17.6 0.0 38.1

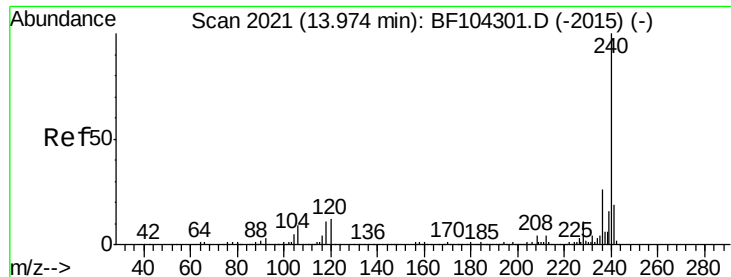


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BF104474.D

Acq: 13 Apr 2018 13:21

Instrument :

BNA_F

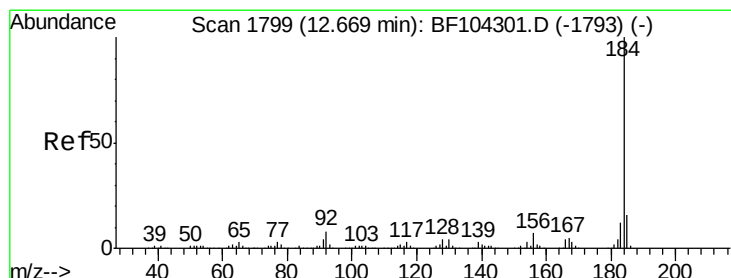
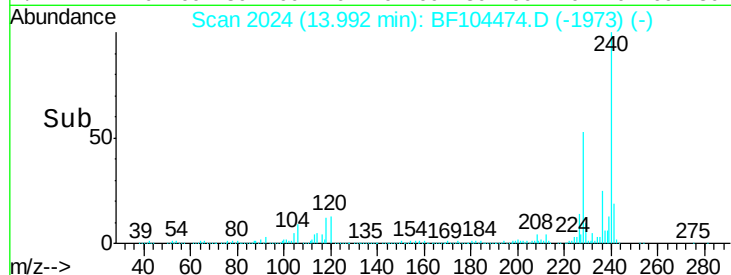
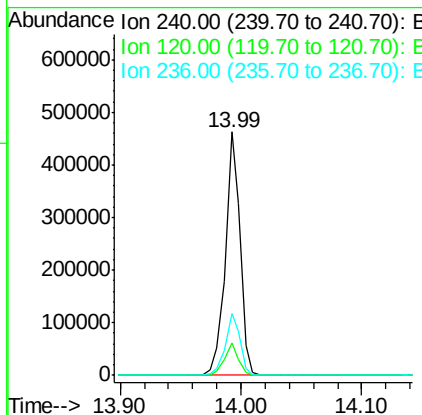
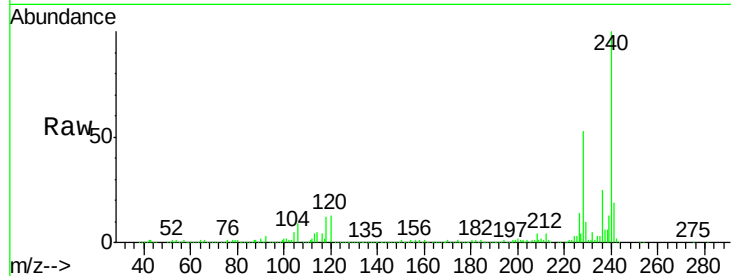
ClientSampleId :

PB108213BS

Tot Ion:	240	Resp:	389272
Ion Ratio	Lower	Upper	
240	100		
120	13.3	9.5	14.3
236	25.4	20.7	31.1

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#76

Benzidine

Concen: 36.923 ng

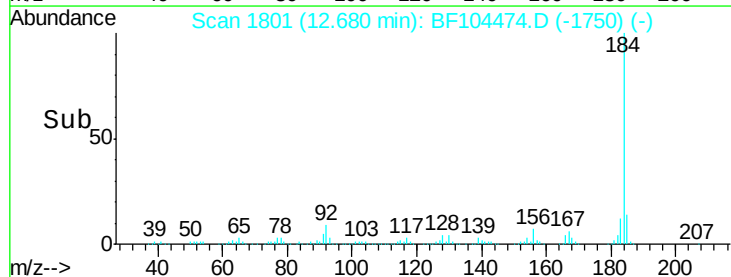
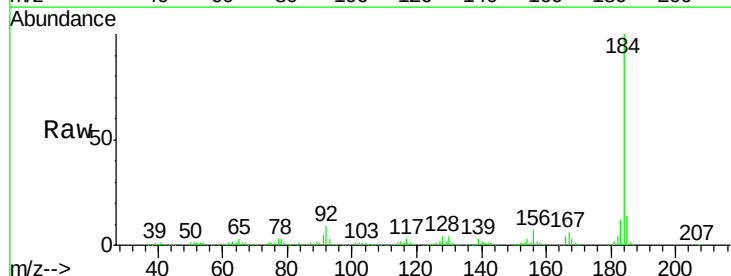
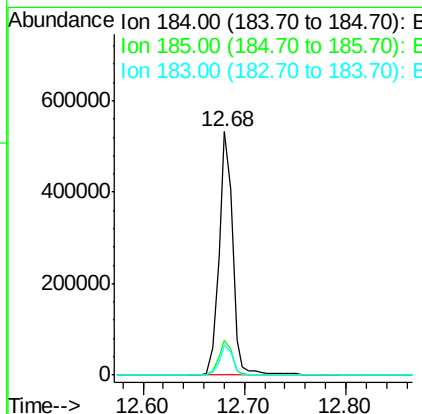
RT: 12.68 min Scan# 1801

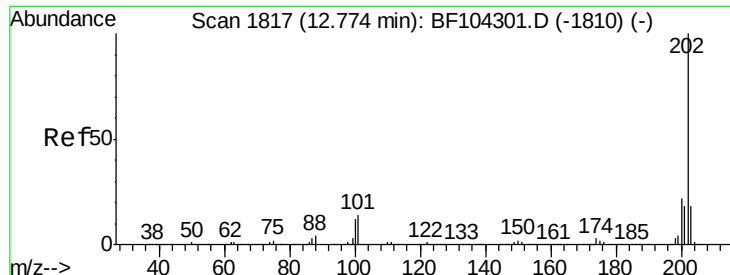
Delta R.T. 0.00 min

Lab File: BF104474.D

Acq: 13 Apr 2018 13:21

Tgt Ion:	184	Resp:	498116
Ion Ratio	Lower	Upper	
184	100		
185	14.2	12.6	18.8
183	12.2	9.3	13.9





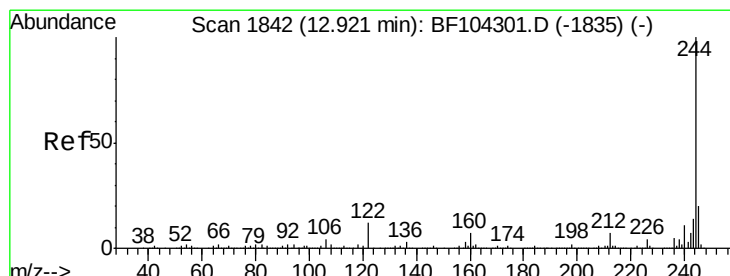
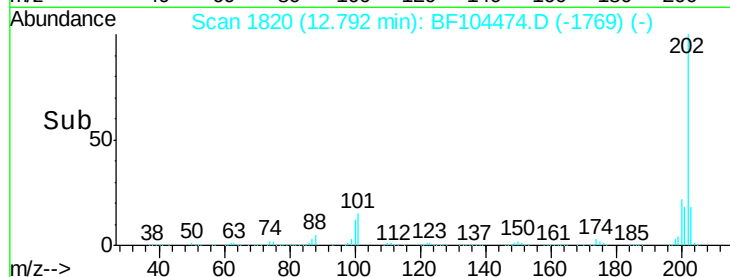
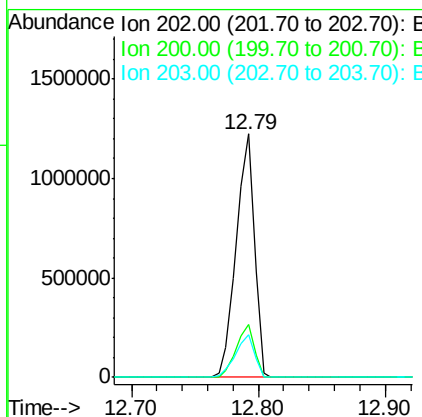
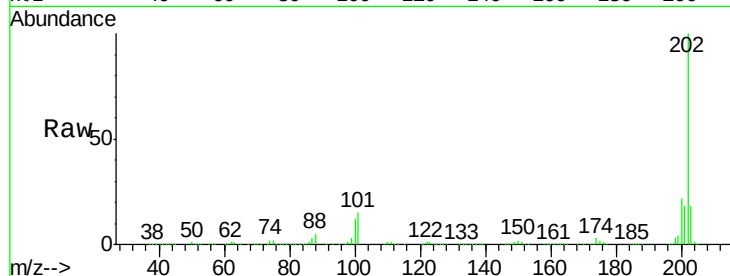
#77
 Pvrene
 Concen: 41.883 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. 0.00 min
 Lab File: BF104474.D
 Acq: 13 Apr 2018 13:21

Instrument :
 BNA_F
 ClientSampleId :
 PB108213BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.7	14.3	21.5

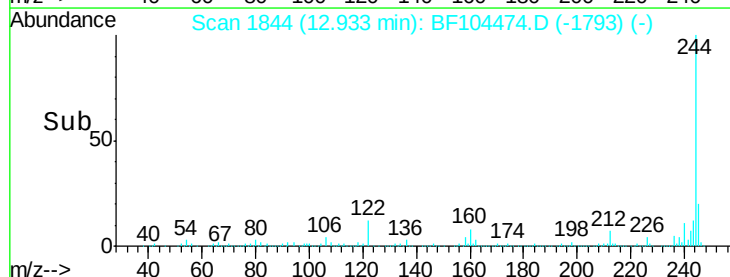
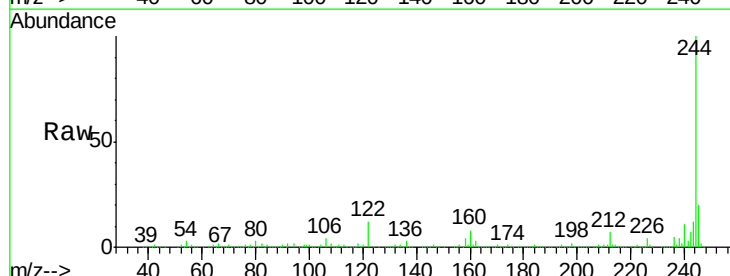
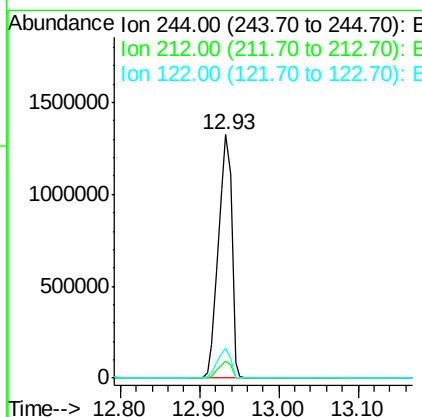
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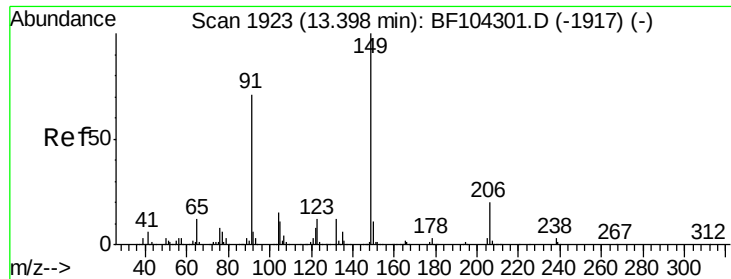
Sohil
 4/16/2018 3:09:58 PM



#78
 Terphenyl-d14
 Concen: 90.553 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: BF104474.D
 Acq: 13 Apr 2018 13:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.3	11.0	16.4





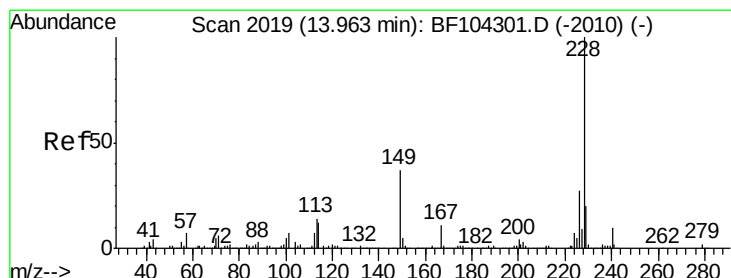
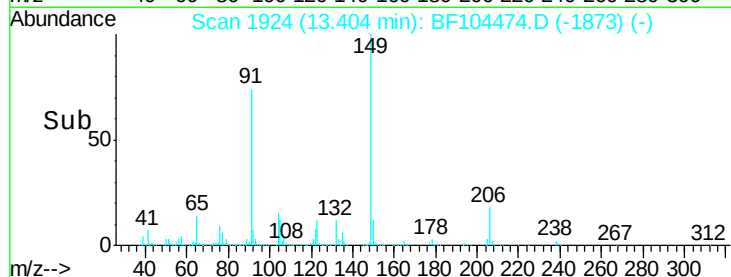
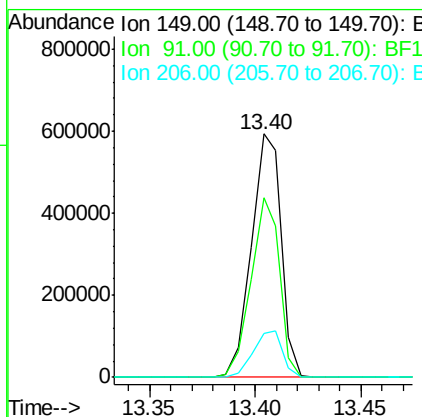
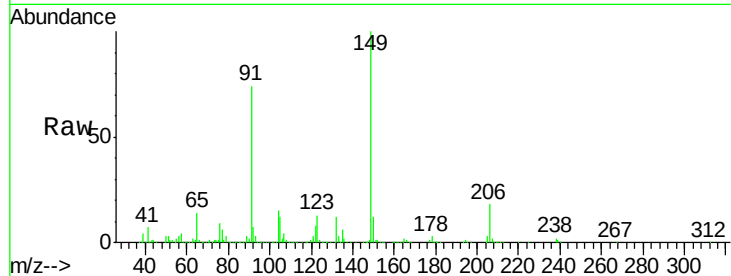
#79
Butylbenzylphthalate
Concen: 42.736 ng
RT: 13.40 min Scan# 1924
Delta R.T. 0.00 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Instrument :
BNA_F
ClientSampleId :
PB108213BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	580934		
91	73.8	56.8	85.2	
206	18.2	14.1	21.1	

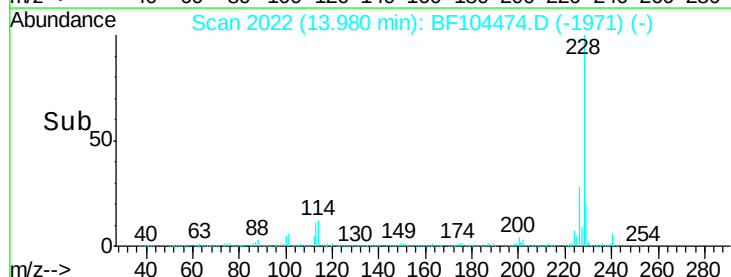
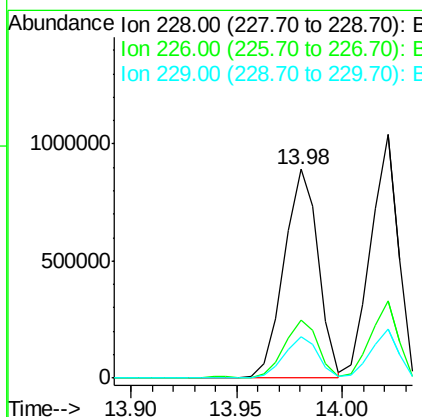
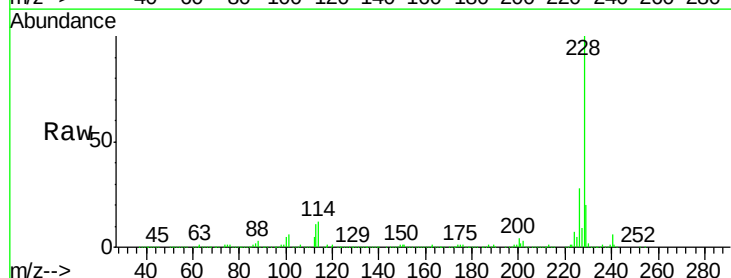
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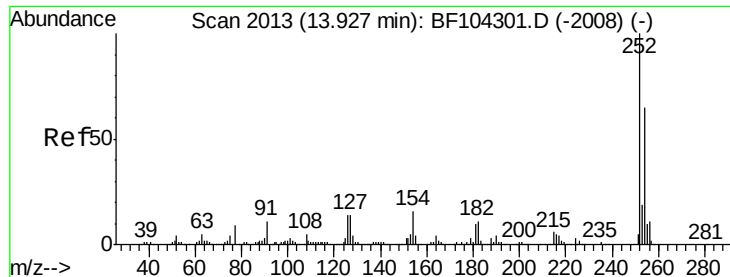
Sohil
4/16/2018 3:09:58 PM



#80
Benzo(a)anthracene
Concen: 43.303 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1007027		
226	28.1	22.6	33.8	
229	19.8	15.8	23.6	





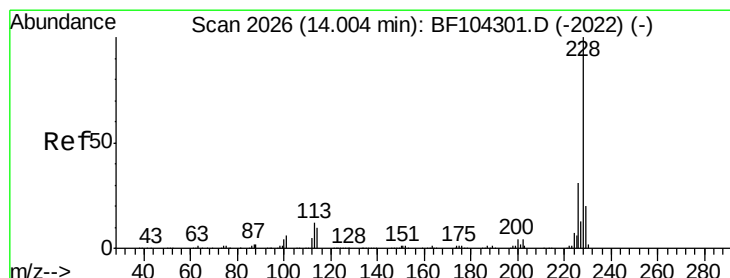
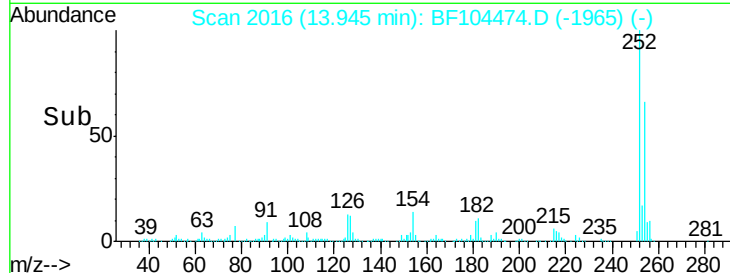
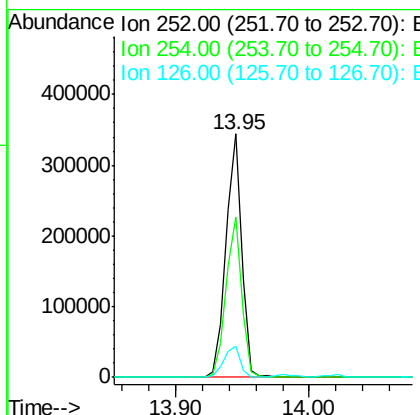
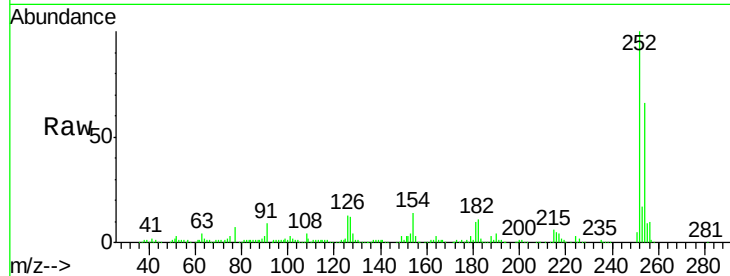
#81
 3,3'-Dichlorobenzidine
 Concen: 33.496 ng
 RT: 13.95 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: BF104474.D
 Acq: 13 Apr 2018 13:21

Instrument :
 BNA_F
 ClientSampleId :
 PB108213BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	290444		
254	65.9	50.4	75.6	
126	12.6	11.3	16.9	

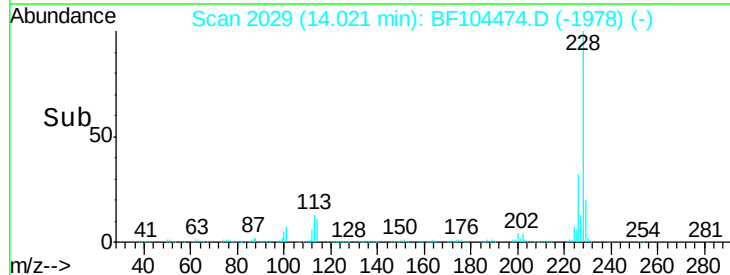
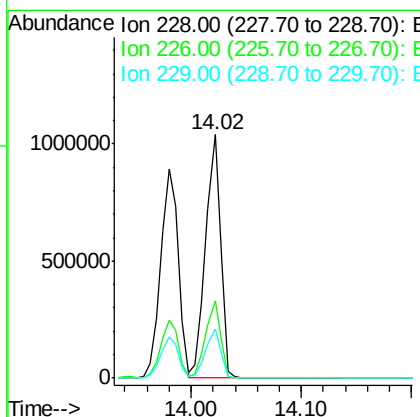
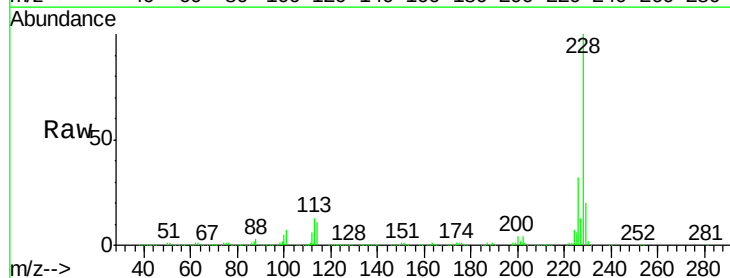
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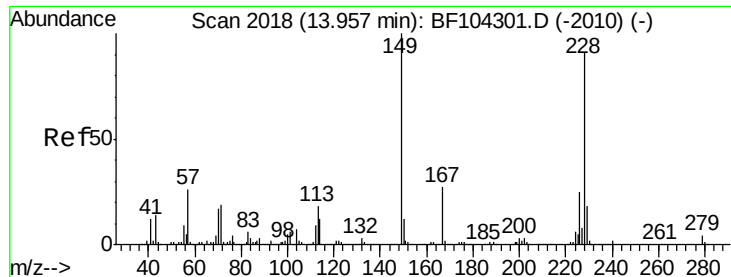
Sohil
 4/16/2018 3:09:58 PM



#82
 Chrysene
 Concen: 39.743 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.00 min
 Lab File: BF104474.D
 Acq: 13 Apr 2018 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	949348		
226	31.6	25.0	37.6	
229	20.2	16.2	24.4	





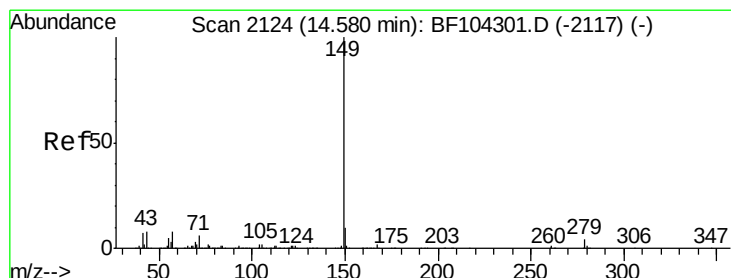
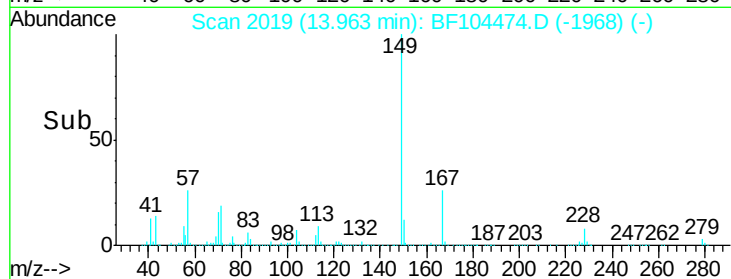
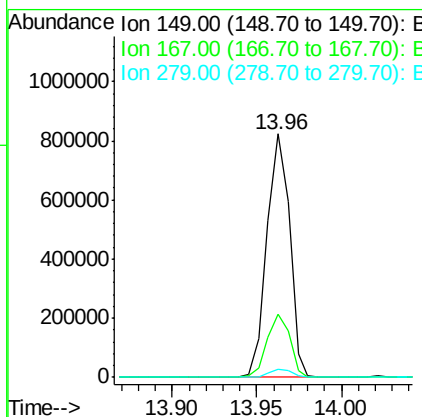
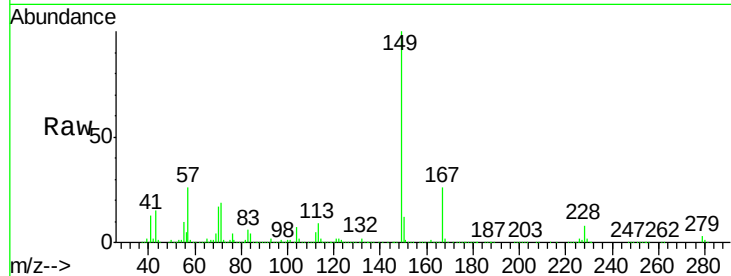
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.125 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF104474.D
 Acq: 13 Apr 2018 13:21

Instrument :
 BNA_F
 ClientSampled :
 PB108213BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	771516		
167	26.1		21.3	31.9
279	3.4		3.0	4.4

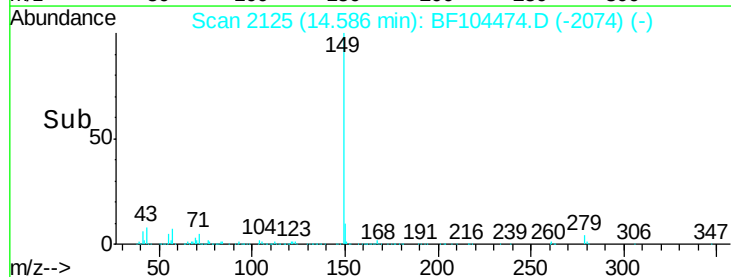
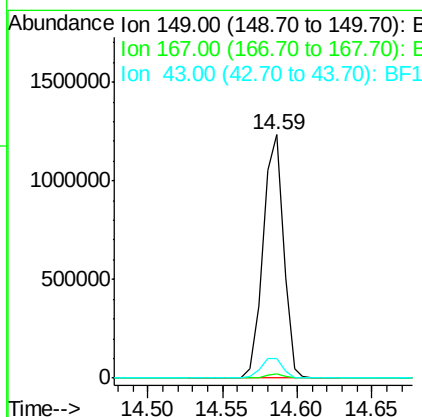
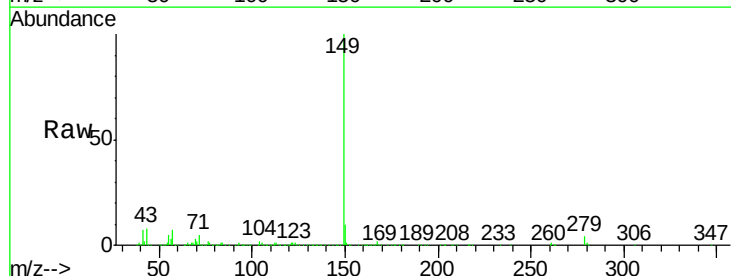
Manual Integrations
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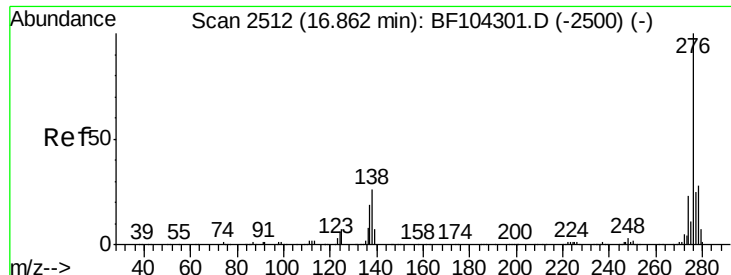
Sohil
 4/16/2018 3:09:58 PM



#84
 Di-n-octyl phthalate
 Concen: 39.597 ng
 RT: 14.59 min Scan# 2125
 Delta R.T. 0.00 min
 Lab File: BF104474.D
 Acq: 13 Apr 2018 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1156845		
167	1.6		1.2	1.8
43	8.5		8.4	12.6





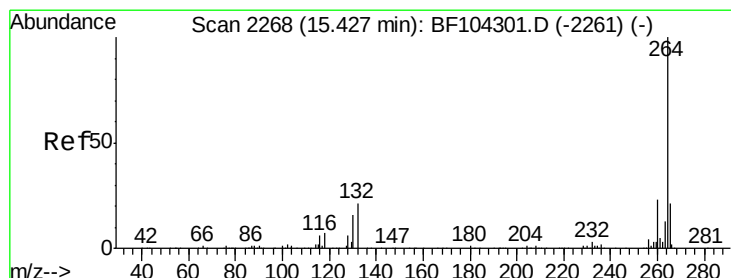
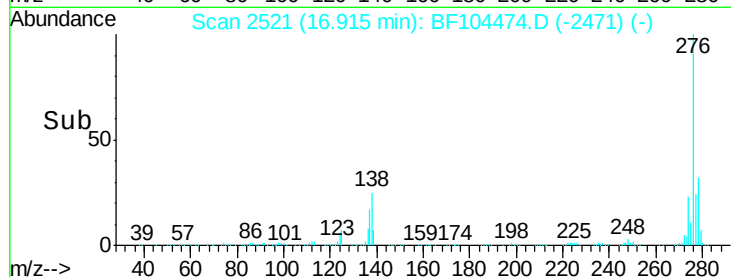
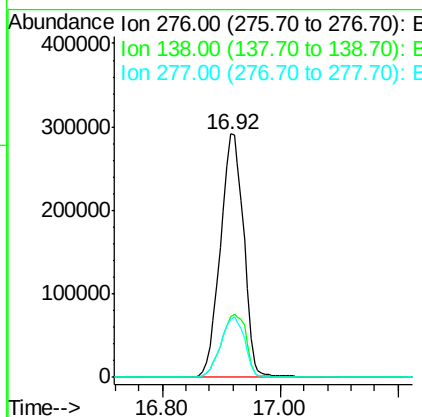
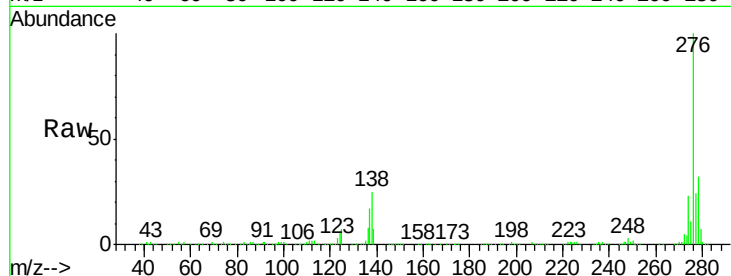
#85
Indeno(1,2,3-cd)pyrene
Concen: 39.607 ng
RT: 16.92 min Scan# 2521
Delta R.T. -0.01 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Instrument :
BNA_F
ClientSampleId :
PB108213BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	803695		
138	28.0		25.0	37.6
277	25.7		20.1	30.1

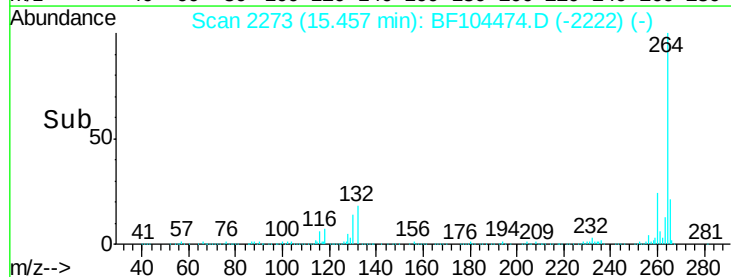
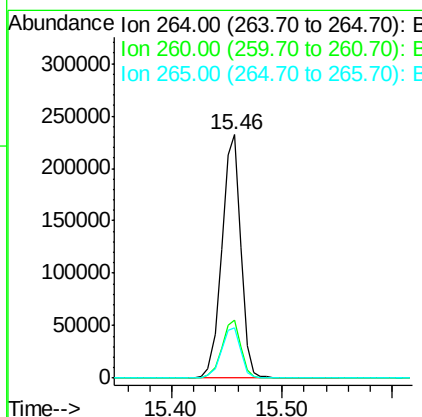
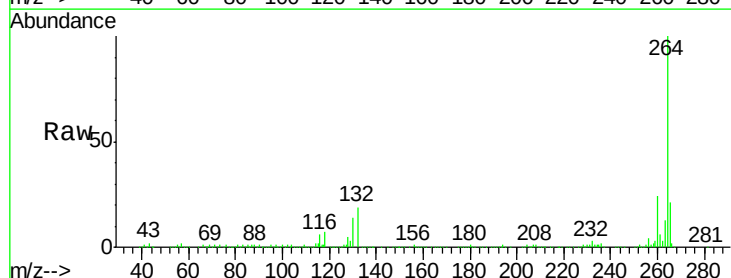
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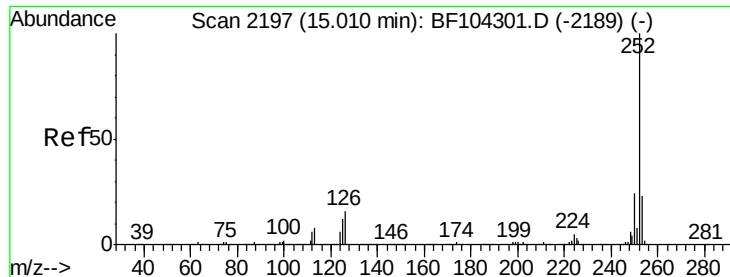
Sohil
4/16/2018 3:09:58 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	278190		
260	23.9		19.2	28.8
265	20.8		17.5	26.3





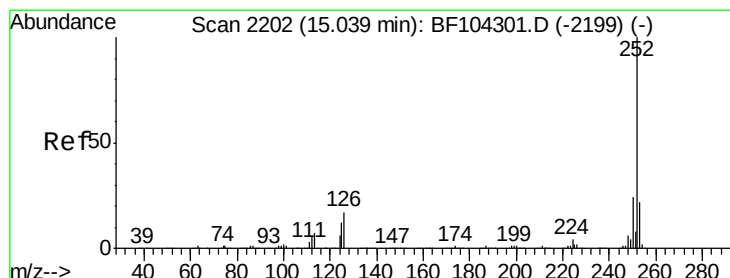
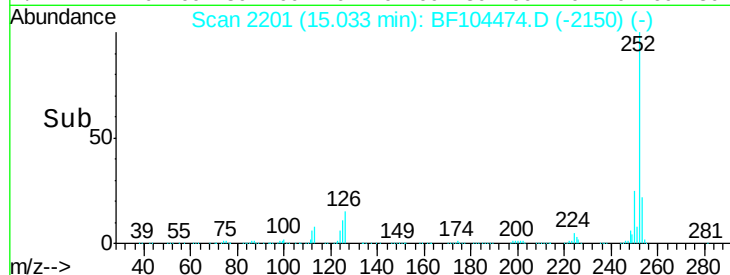
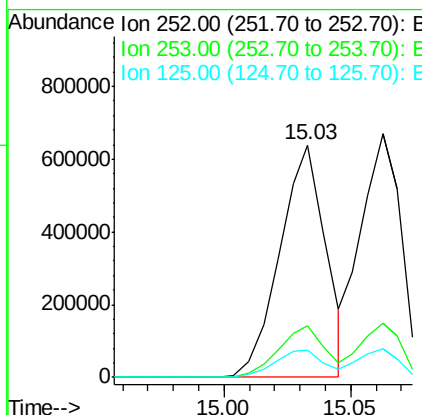
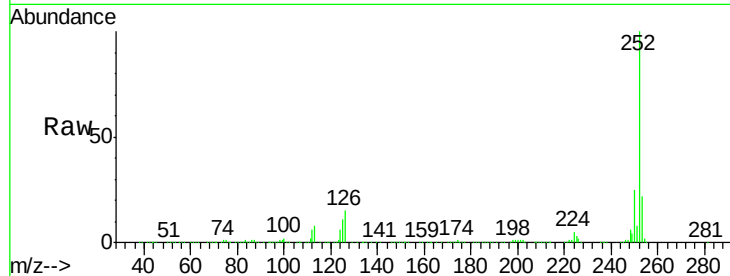
#87
Benzo(b)fluoranthene
Concen: 45.862 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Instrument :
BNA_F
ClientSampleId :
PB108213BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	11.5	9.0	13.6

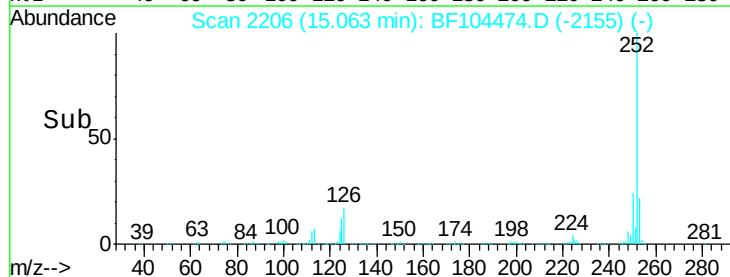
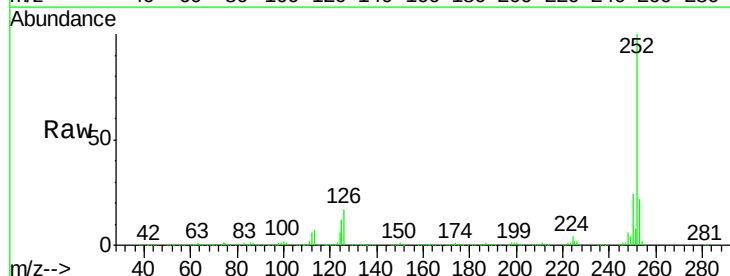
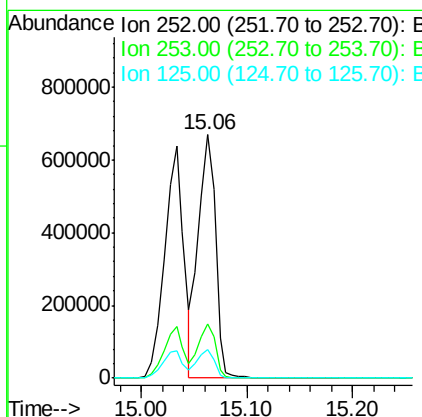
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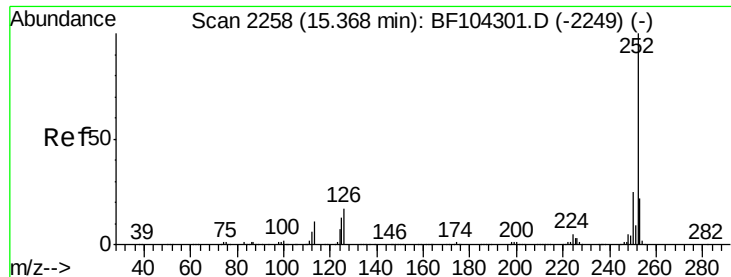
Sohil
4/16/2018 3:09:58 PM



#88
Benzo(k)fluoranthene
Concen: 45.247 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	11.8	10.2	15.2





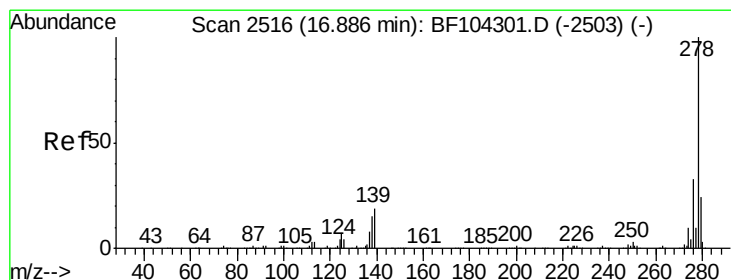
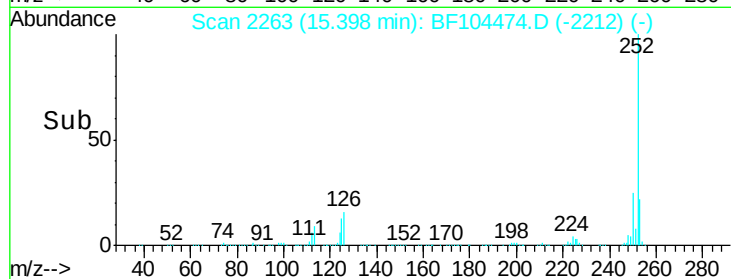
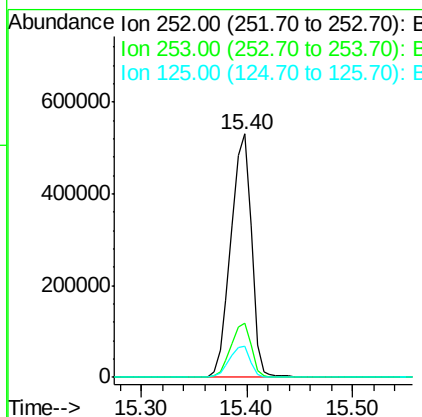
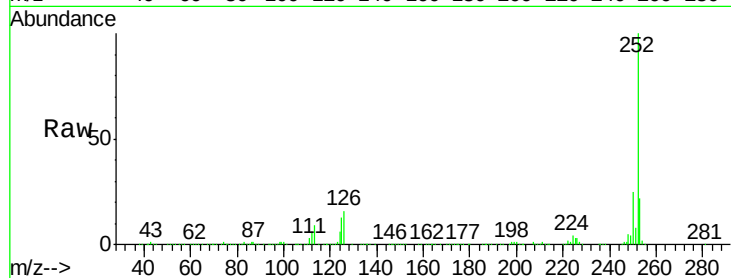
#89
Benzo(a)pyrene
Concen: 45.341 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.00 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Instrument :
BNA_F
ClientSampleId :
PB108213BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	12.7	9.8	14.6

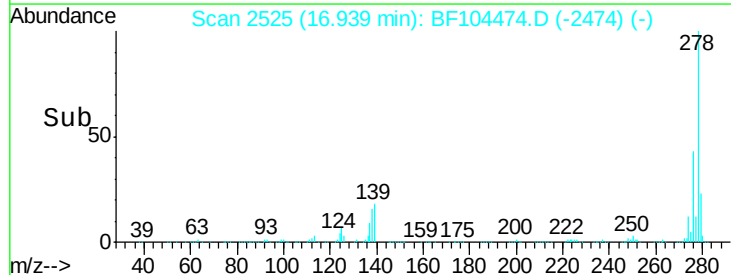
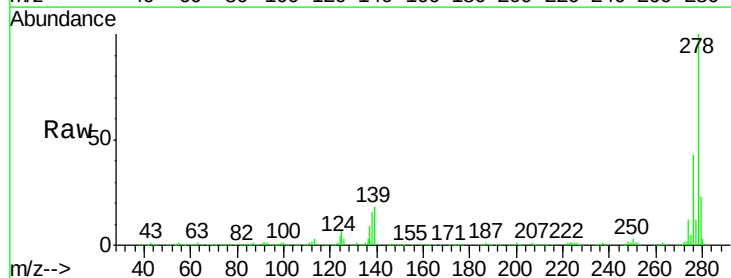
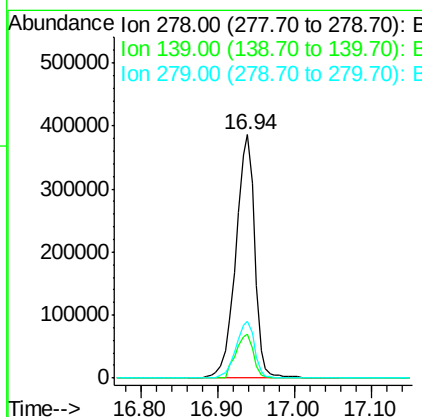
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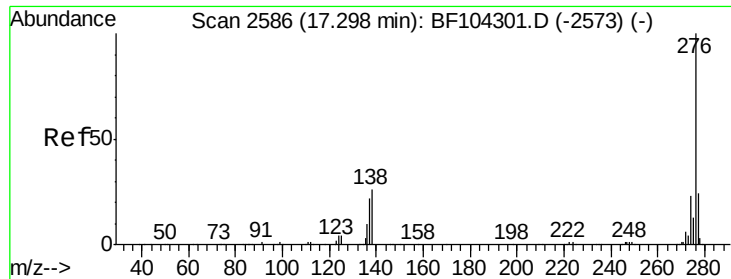
Sohil
4/16/2018 3:09:58 PM



#90
Dibenzo(a,h)anthracene
Concen: 51.829 ng
RT: 16.94 min Scan# 2525
Delta R.T. 0.00 min
Lab File: BF104474.D
Acq: 13 Apr 2018 13:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.3	15.9	23.9
279	23.5	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 55.692 ng
 RT: 17.37 min Scan# 2598
 Delta R.T. 0.01 min
 Lab File: BF104474.D
 Acq: 13 Apr 2018 13:21

Instrument :
 BNA_F
 ClientSampleId :
 PB108213BS

Tot Ion:	276	Resp:	696656
Ion Ratio		Lower	Upper
276	100		
277	24.3	17.9	26.9
138	24.5	21.8	32.8

Manual Integrations
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Sohil
 4/16/2018 3:09:58 PM

