

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041118\
 Data File : BF104440.D
 Acq On : 11 Apr 2018 16:09
 Operator : JU/SJ
 Sample : PB108147BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108147BS

Manual Integrations
 APPROVED

Sohil
 4/12/2018 2:30:42 PM

Quant Time: Apr 11 18:44:58 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 11 13:19:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	144392	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	564191	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	236053	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	357929	20.00	ng	0.00
75) Chrysene-d12	13.99	240	259293	20.00	ng	0.00
86) Perylene-d12	15.45	264	204703	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1059762	112.22	ng	0.03
7) Phenol-d6	6.45	99	1317237	113.53	ng	0.01
23) Nitrobenzene-d5	7.38	82	816010	94.44	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	274522	112.11	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1373086	91.89	ng	0.00
78) Terphenyl-d14	12.93	244	1036107	91.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	150997	34.316	ng	88
3) Pyridine	3.37	79	435412	35.195	ng	88
4) n-Nitrosodimethylamine	3.33	42	181629	42.000	ng	80
6) Aniline	6.47	93	493566	30.619	ng	99
8) 2-Chlorophenol	6.60	128	407791	40.914	ng	97
9) Benzaldehyde	6.36	77	136412	19.461	ng	98
10) Phenol	6.46	94	491770	39.946	ng	89
11) bis(2-Chloroethyl)ether	6.55	93	392762	39.979	ng	97
12) 1,3-Dichlorobenzene	6.75	146	427416	37.853	ng	98
13) 1,4-Dichlorobenzene	6.83	146	428875	38.103	ng	99
14) 1,2-Dichlorobenzene	6.98	146	400771	38.422	ng	99
15) Benzyl Alcohol	6.96	79	342959	38.917	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	500160	37.910	ng	92
17) 2-Methylphenol	7.07	107	345507	39.879	ng	96
18) Hexachloroethane	7.32	117	128461	32.010	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	271507	35.810	ng	93
20) 3+4-Methylphenols	7.22	107	389981	36.293	ng	# 72
22) Acetophenone	7.22	105	534419	38.475	ng	# 94
24) Nitrobenzene	7.40	77	412466	43.238	ng	97
25) Isophorone	7.63	82	774952	42.414	ng	98
26) 2-Nitrophenol	7.71	139	214697	55.284	ng	96
27) 2,4-Dimethylphenol	7.75	122	378817	46.979	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	494044	44.225	ng	99
29) 2,4-Dichlorophenol	7.95	162	328580	42.707	ng	96
30) 1,2,4-Trichlorobenzene	8.03	180	342476	40.560	ng	99
31) Naphthalene	8.12	128	1128179	40.158	ng	99
32) Benzoic acid	7.88	122	252195	39.198	ng	96
33) 4-Chloroaniline	8.17	127	383030	31.824	ng	97
34) Hexachlorobutadiene	8.23	225	185272	40.059	ng	98
35) Caprolactam	8.55	113	108363m	40.374	ng	
36) 4-Chloro-3-methylphenol	8.65	107	341682	41.417	ng	98
37) 2-Methylnaphthalene	8.81	142	726031	39.953	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	309918	45.865	ng	99
40) Hexachlorocyclopentadiene	8.96	237	64552	17.064	ng	96

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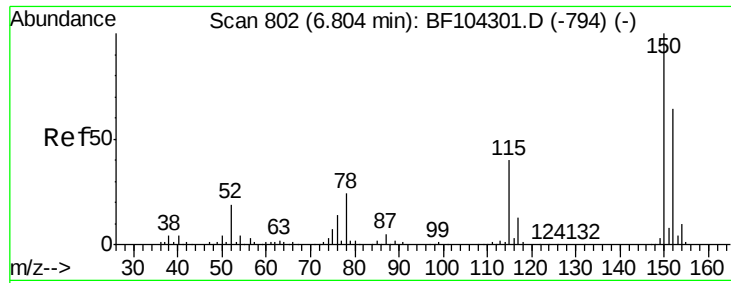
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	215303	45.900	nq	98
43) 2,4,5-Trichlorophenol	9.13	196	222686	42.424	nq	99
45) 1,1'-Biphenyl	9.27	154	850654	42.897	nq	99
46) 2-Chloronaphthalene	9.30	162	662762	42.313	nq	100
47) 2-Nitroaniline	9.40	65	202696	52.329	nq	91
48) Acenaphthylene	9.72	152	965506	39.288	nq	99
49) Dimethylphthalate	9.57	163	804854	43.238	nq	100
50) 2,6-Dinitrotoluene	9.64	165	166593	48.366	nq	93
51) Acenaphthene	9.89	154	568269	37.899	nq	100
52) 3-Nitroaniline	9.80	138	151444	37.557	nq	96
53) 2,4-Dinitrophenol	9.91	184	46793	43.115	nq #	21
54) Dibenzofuran	10.06	168	849461	40.652	nq	97
55) 4-Nitrophenol	9.97	139	271449	85.696	nq	93
56) 2,4-Dinitrotoluene	10.05	165	209112	46.283	nq #	92
57) Fluorene	10.40	166	610736	40.155	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	162167	41.411	nq	95
59) Diethylphthalate	10.27	149	746448	40.264	nq	99
60) 4-Chlorophenyl-phenylether	10.39	204	291837	43.085	nq	99
61) 4-Nitroaniline	10.42	138	162469	41.207	nq	98
62) Azobenzene	10.55	77	659605	37.241	nq	97
64) 4,6-Dinitro-2-methylphenol	10.45	198	34359	24.041	nq #	74
65) n-Nitrosodiphenylamine	10.52	169	578333	46.601	nq	99
66) 4-Bromophenyl-phenylether	10.89	248	176320	46.312	nq #	88
67) Hexachlorobenzene	10.95	284	185094	43.207	nq #	86
68) Atrazine	11.04	200	171439	45.766	nq	98
69) Pentachlorophenol	11.14	266	189326	71.437	nq	97
70) Phenanthrene	11.37	178	814156	40.845	nq	99
71) Anthracene	11.42	178	842781	41.594	nq	100
72) Carbazole	11.57	167	771234	38.952	nq	99
73) Di-n-butylphthalate	11.90	149	1020612	42.198	nq	99
74) Fluoranthene	12.56	202	791817	38.021	nq	98
76) Benzidine	12.68	184	694260	Below	Cal	97
77) Pyrene	12.79	202	786230	40.908	nq	100
79) Butylbenzylphthalate	13.40	149	387401	42.785	nq	99
80) Benzo(a)anthracene	13.97	228	672551	43.417	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	267895	46.383	nq	99
82) Chrysene	14.02	228	651131	40.923	nq	100
83) Bis(2-ethylhexyl)phthalate	13.96	149	524518	45.036	nq	99
84) Di-n-octyl phthalate	14.59	149	879862	45.213	nq	96
85) Indeno(1,2,3-cd)pyrene	16.90	276	499779	36.976	nq	97
87) Benzo(b)fluoranthene	15.03	252	616166	47.659	nq	98
88) Benzo(k)fluoranthene	15.06	252	516852	42.345	nq	99
89) Benzo(a)pyrene	15.39	252	524347	45.328	nq	99
90) Dibenzo(a,h)anthracene	16.93	278	420956	44.308	nq	97
91) Benzo(g,h,i)perylene	17.34	276	401292	43.597	nq	96

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



#1

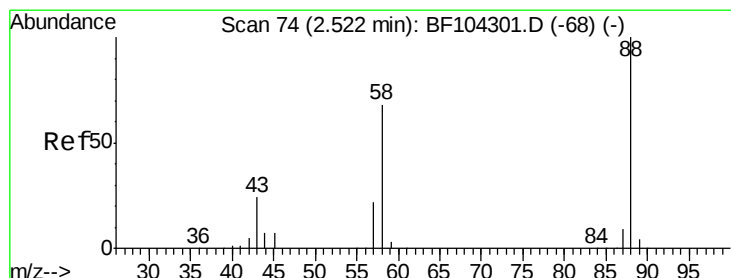
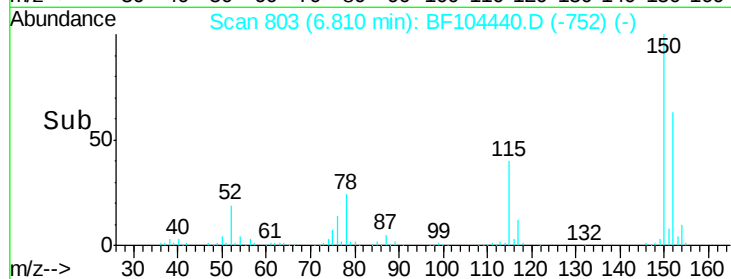
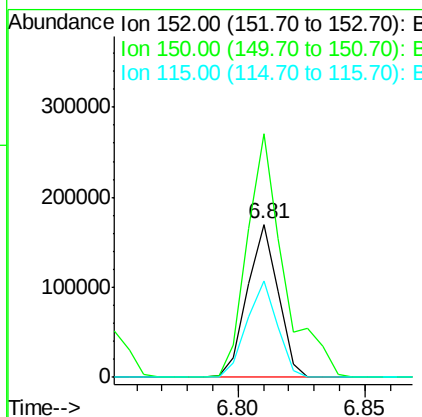
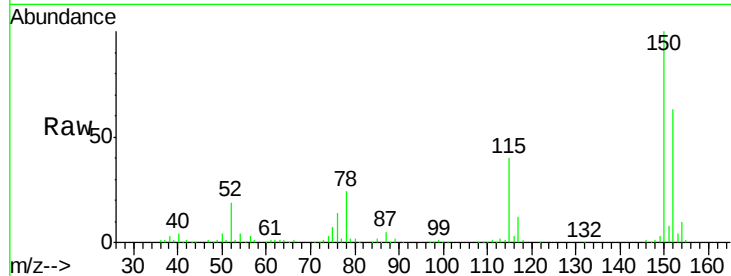
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF104440.D
Acq: 11 Apr 2018 16:09

Instrument :
BNA_F
ClientSampleId :
PB108147BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.6	186.8
115	63.2	50.1	75.1

Manual Integrations
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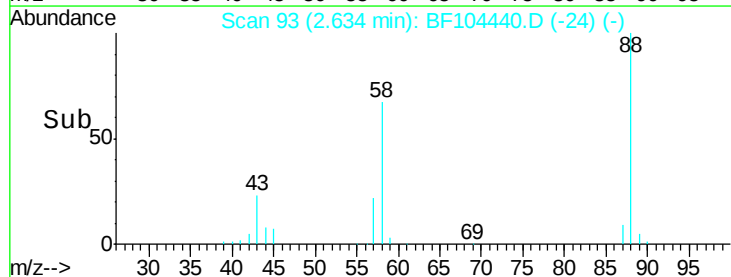
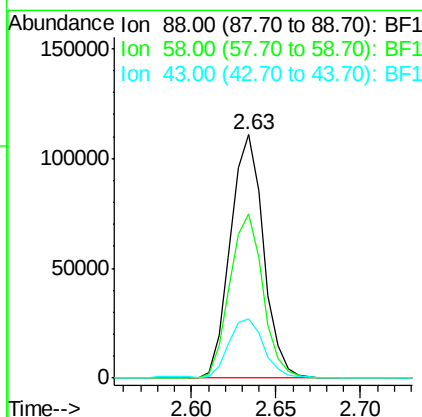
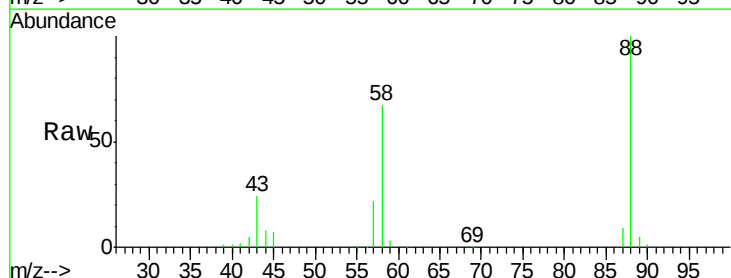
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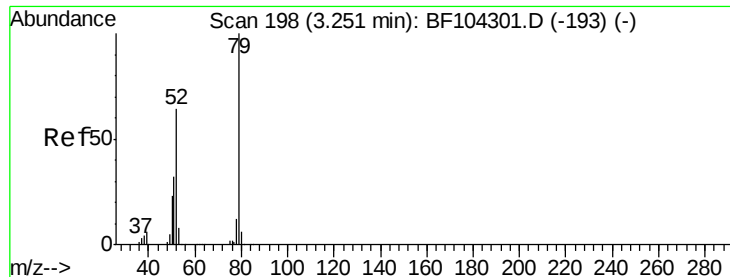


#2

1,4-Dioxane
Concen: 34.316 ng
RT: 2.63 min Scan# 93
Delta R.T. 0.11 min
Lab File: BF104440.D
Acq: 11 Apr 2018 16:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.7	62.6	93.8
43	24.8	24.6	37.0





#3

Pvridine

Concen: 35.195 ng

RT: 3.37 min Scan# 218

Delta R.T. 0.11 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

Instrument :

BNA_F

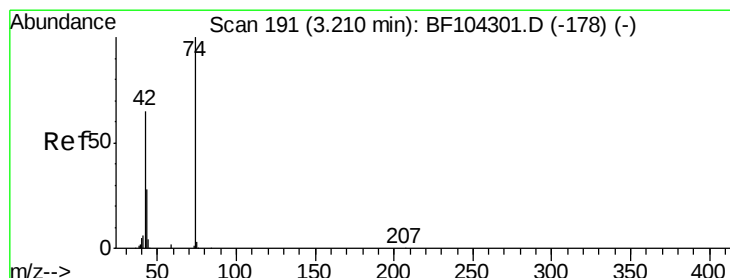
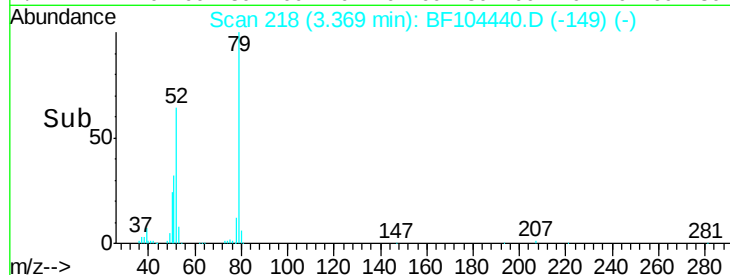
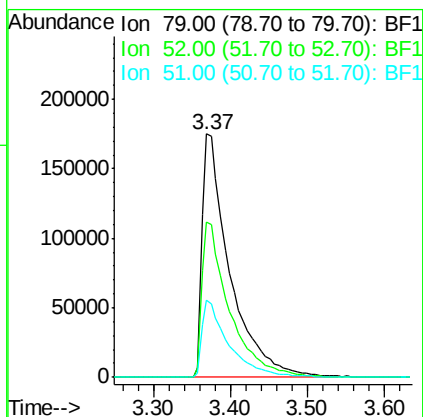
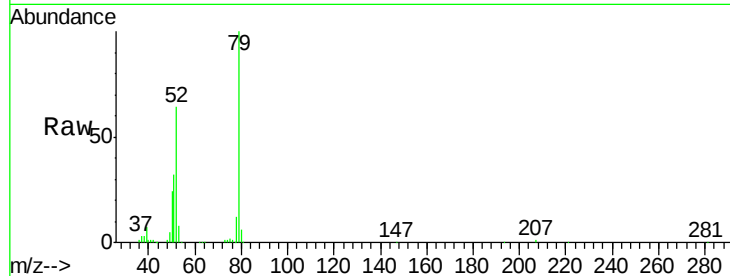
ClientSampleId :

PB108147BS

Tot Ion:	79	Resp:	435412
Ion Ratio	Lower	Upper	
79	100		
52	63.8	59.8	89.6
51	31.6	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 42.000 ng

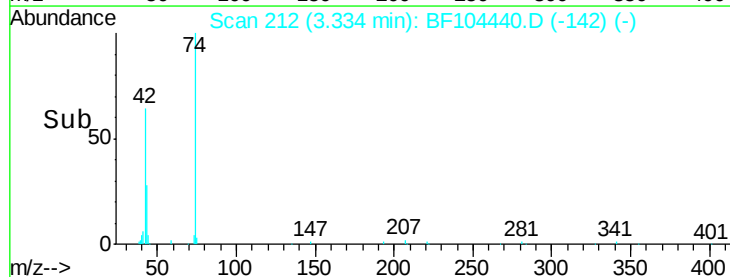
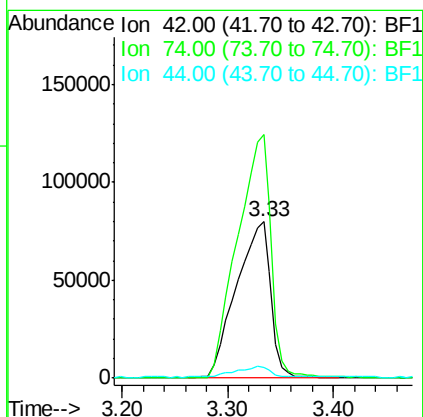
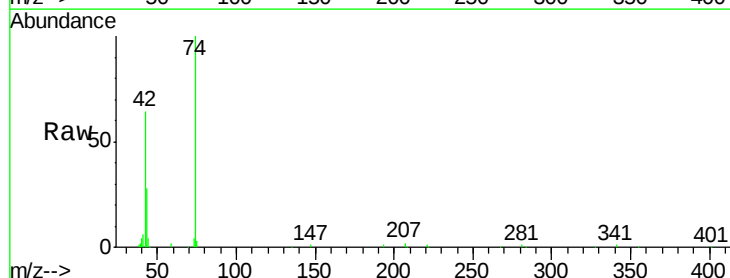
RT: 3.33 min Scan# 212

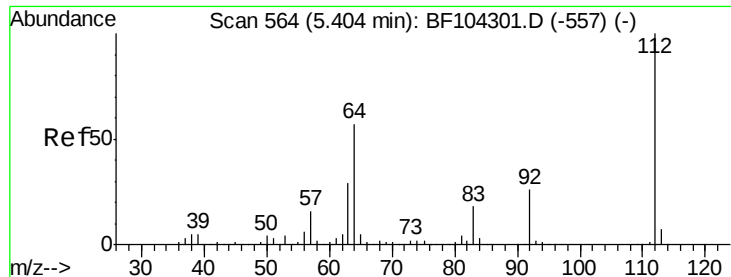
Delta R.T. 0.11 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

Tgt Ion:	42	Resp:	181629
Ion Ratio	Lower	Upper	
42	100		
74	155.9	104.9	157.3
44	7.0	6.9	10.3





#5

2-Fluorophenol

Concen: 112.225 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.03 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

Instrument :

BNA_F

ClientSampleId :

PB108147BS

Tot Ion:112 Resp: 1059762

Ion Ratio Lower Upper

112 100

64 54.2 47.9 71.9

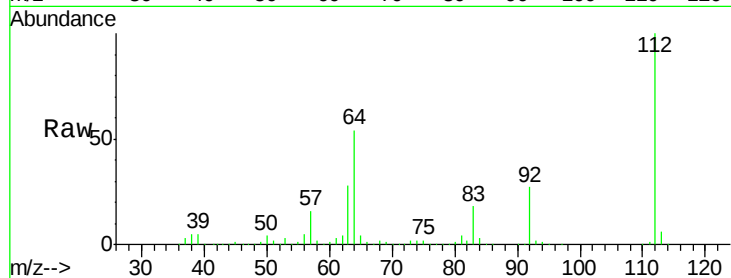
63 27.9 23.7 35.5

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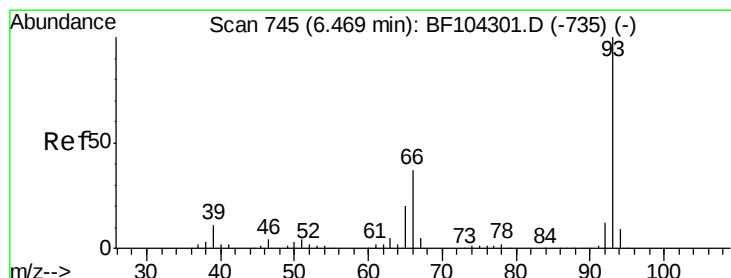
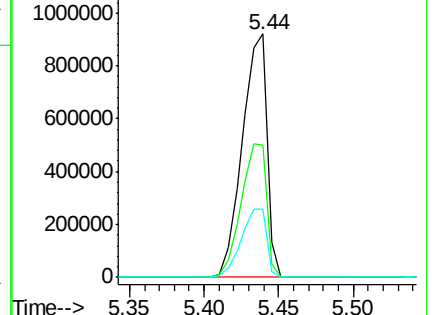
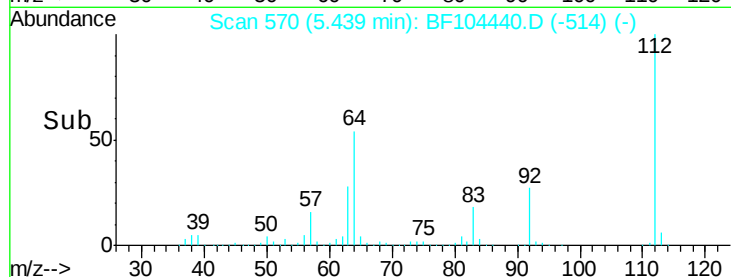
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 30.619 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

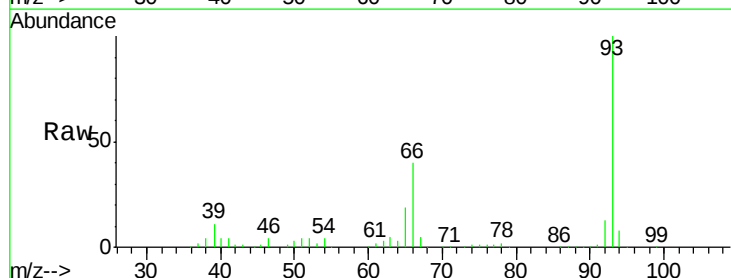
Tgt Ion: 93 Resp: 493566

Ion Ratio Lower Upper

93 100

66 39.9 32.2 48.2

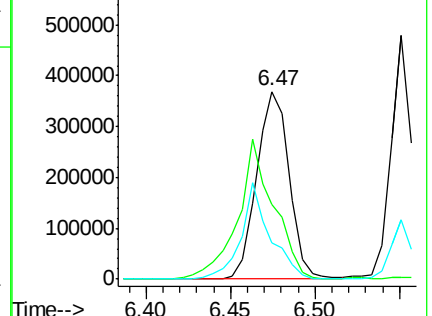
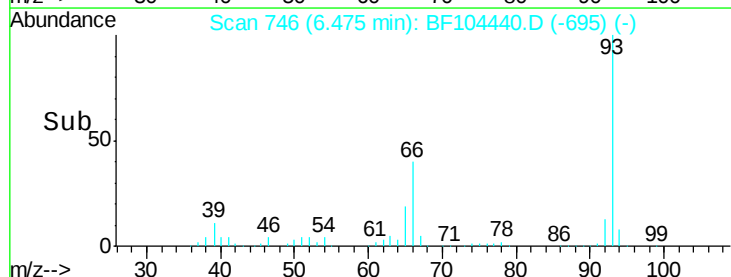
65 19.4 16.4 24.6

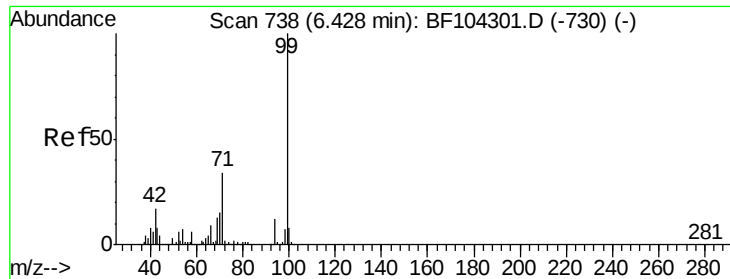


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 113.529 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

Instrument :

BNA_F

ClientSampleId :

PB108147BS

Tot Ion: 99 Resp: 1317237

Ion Ratio Lower Upper

99 100

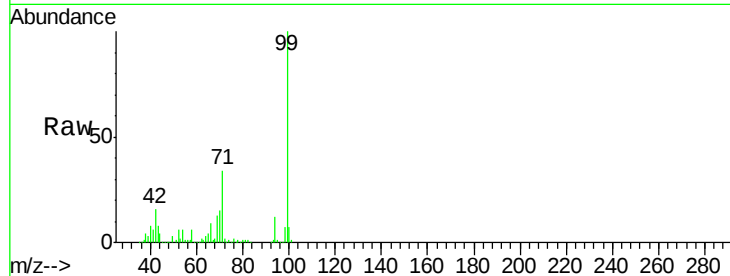
42 16.4 14.5 21.7

71 34.3 25.4 38.0

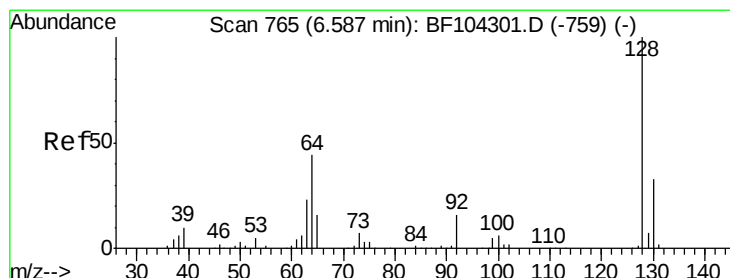
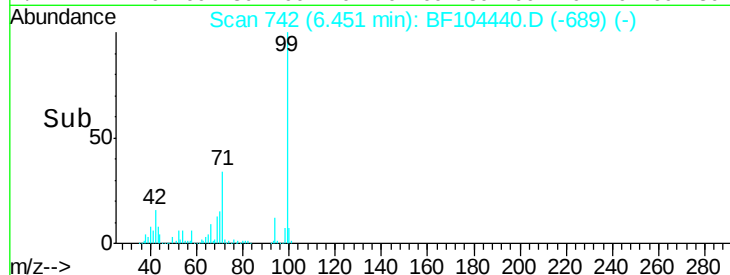
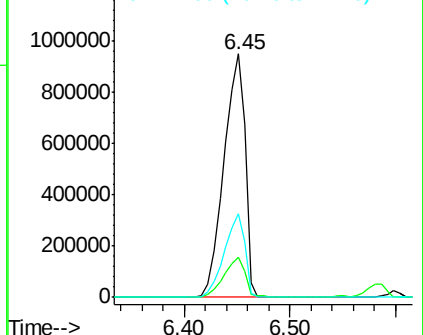
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.914 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

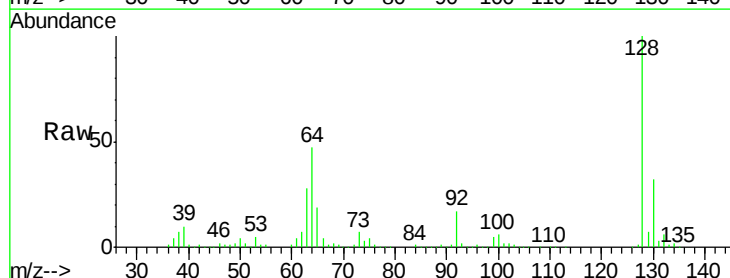
Tgt Ion: 128 Resp: 407791

Ion Ratio Lower Upper

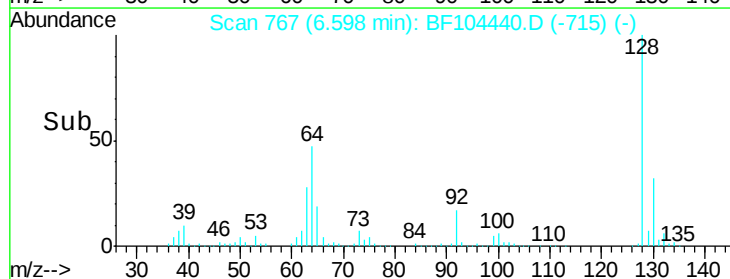
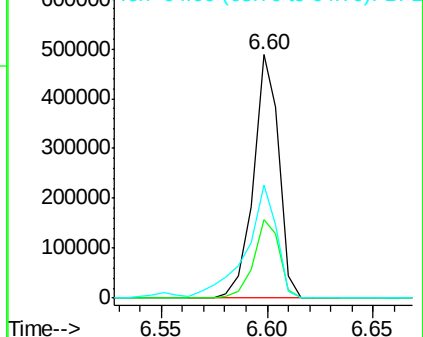
128 100

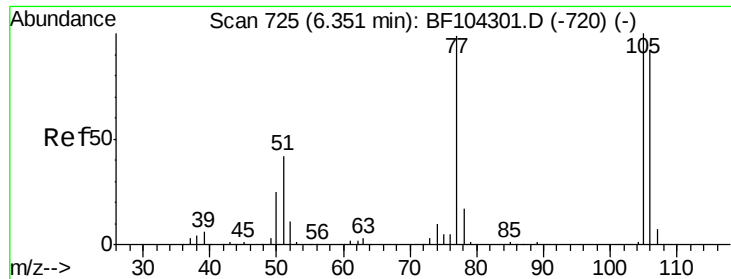
130 32.4 13.0 53.0

64 46.6 29.4 69.4



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





#9

Benzaldehyde

Concen: 19.461 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

Instrument :

BNA_F

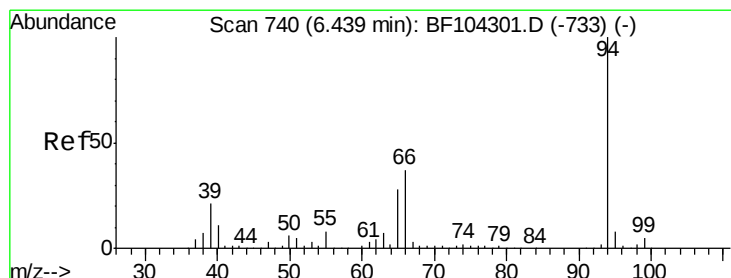
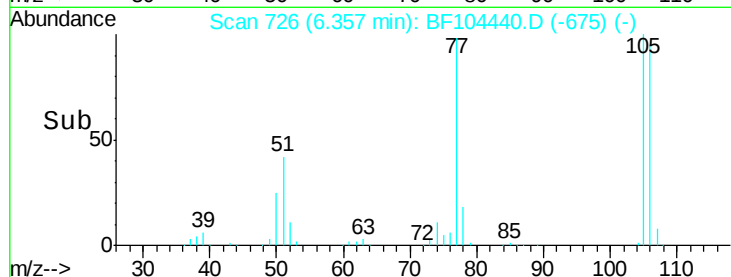
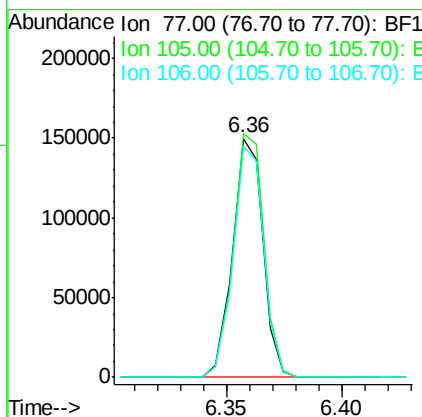
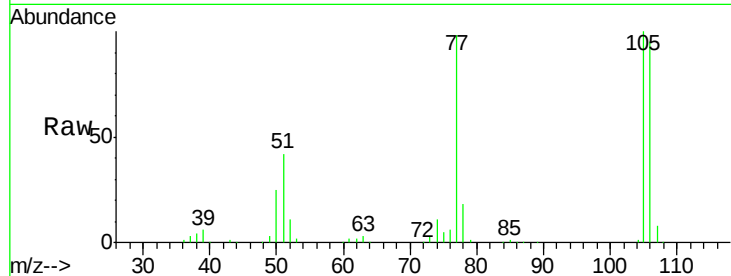
ClientSampleId :

PB108147BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	102.1	81.1	121.1
106	96.6	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 39.946 ng

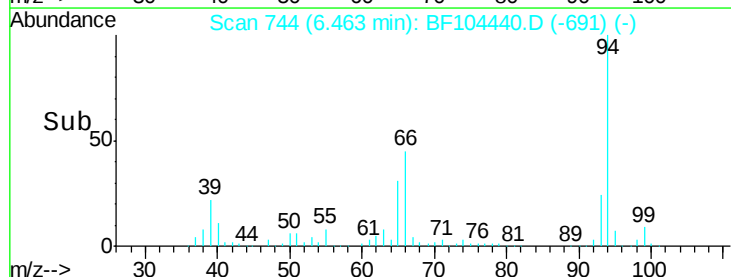
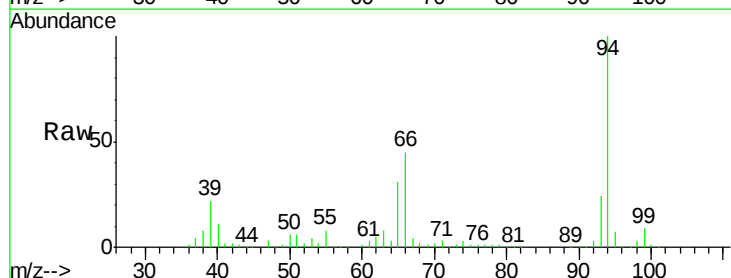
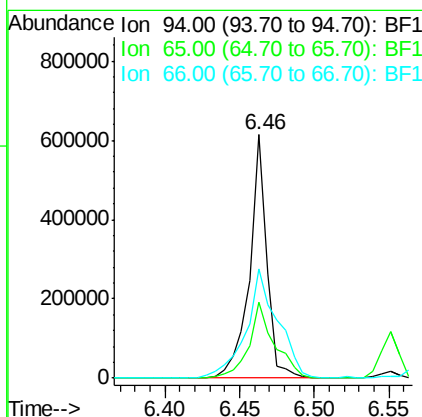
RT: 6.46 min Scan# 744

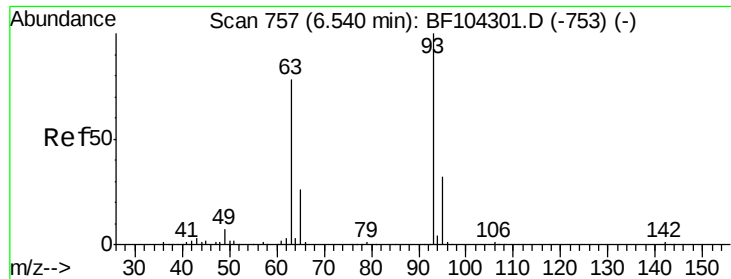
Delta R.T. 0.01 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.0	7.9	47.9
66	44.9	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 39.979 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.01 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

Instrument :

BNA_F

ClientSampleId :

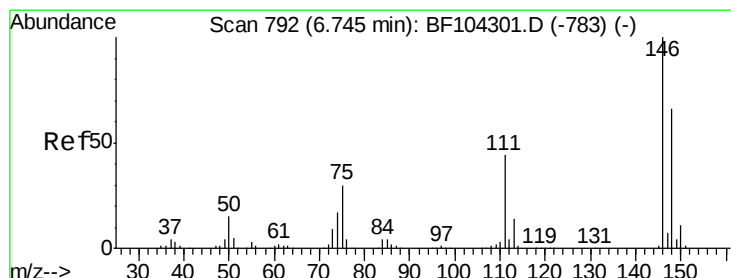
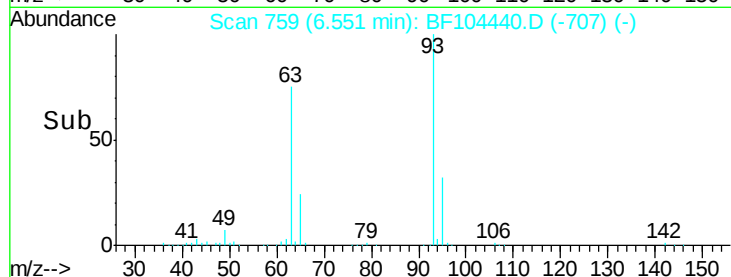
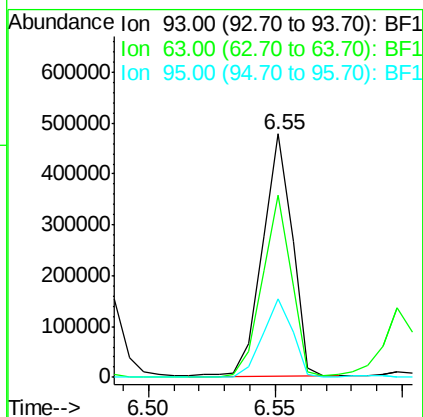
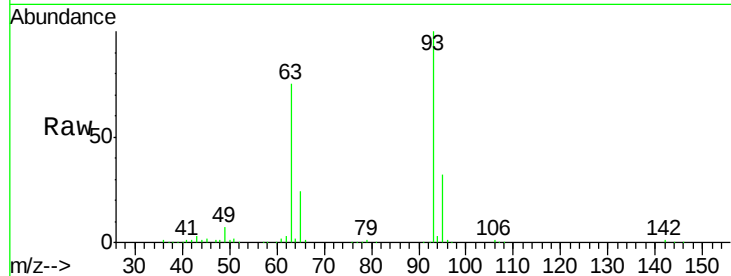
PB108147BS

Tot Ion: 93 Resp: 392762

Ion	Ratio	Lower	Upper
93	100		
63	75.0	58.6	98.6
95	32.4	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 37.853 ng

RT: 6.75 min Scan# 793

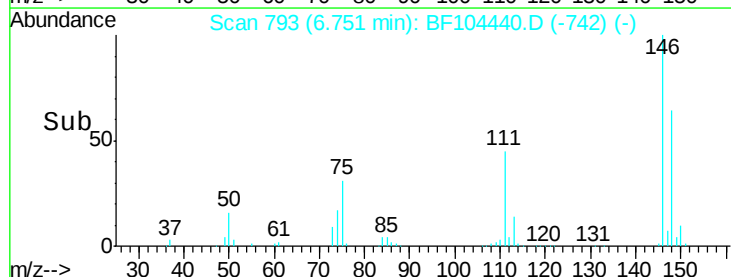
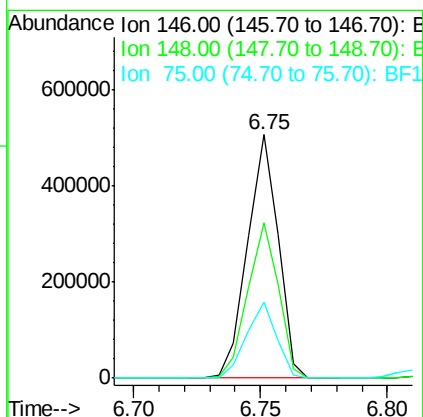
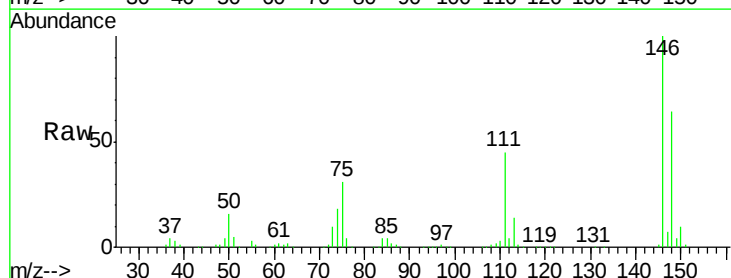
Delta R.T. 0.00 min

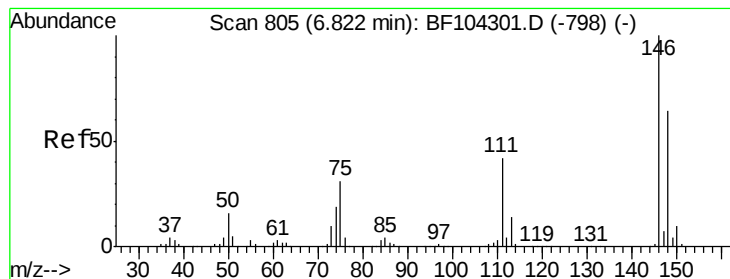
Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

Tgt Ion: 146 Resp: 427416

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.8	77.8
75	31.4	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 38.103 ng

RT: 6.83 min Scan# 806

Delta R.T. 0.00 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

Instrument :

BNA_F

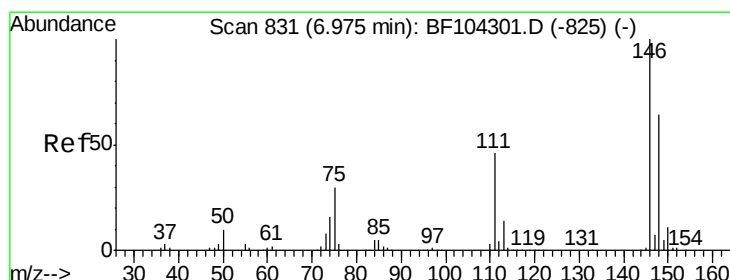
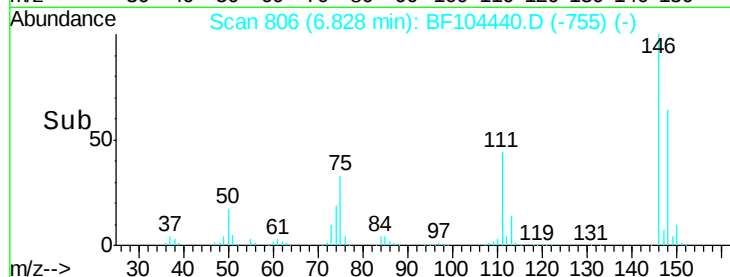
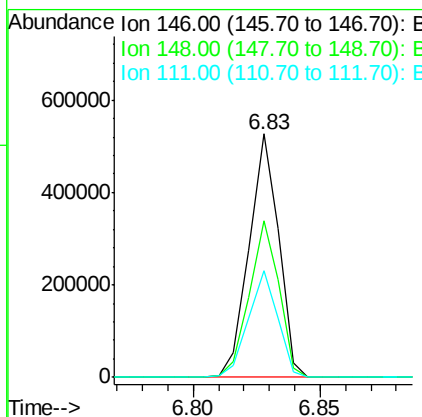
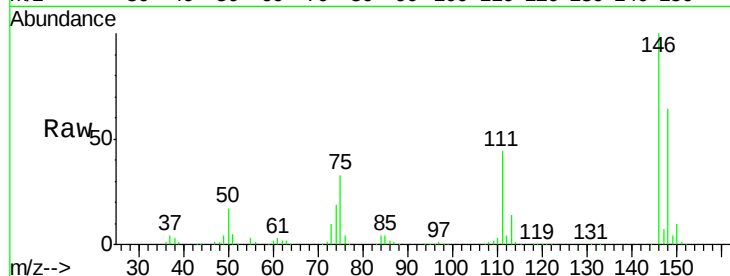
ClientSampleId :

PB108147BS

Tot Ion:	146	Resp:	428875
Ion Ratio	Lower	Upper	
146	100		
148	64.3	50.8	76.2
111	43.6	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 38.422 ng

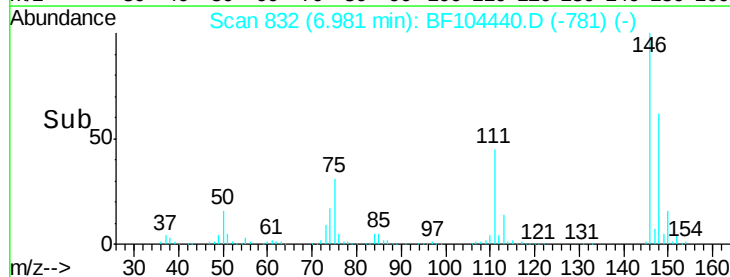
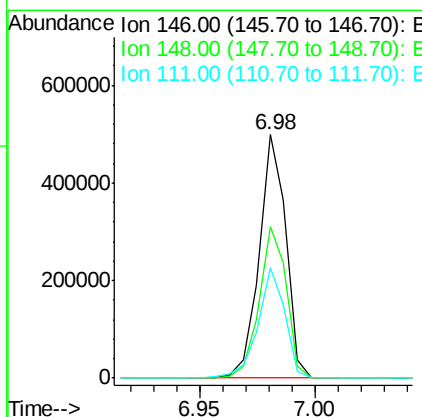
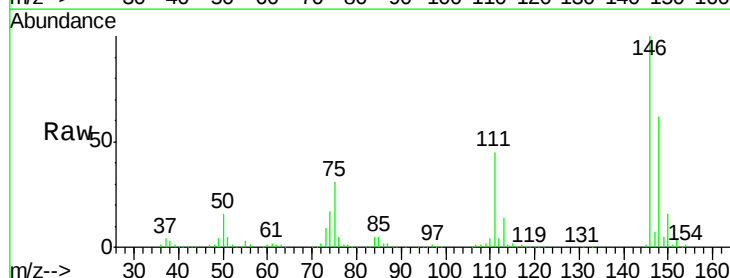
RT: 6.98 min Scan# 832

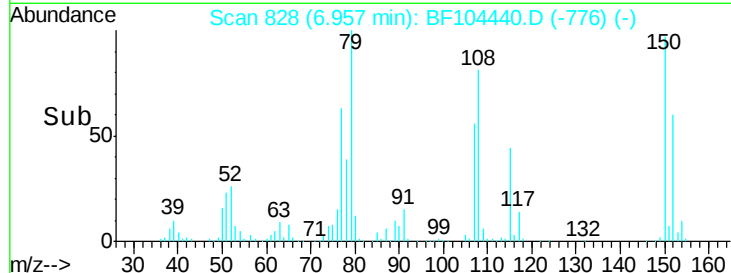
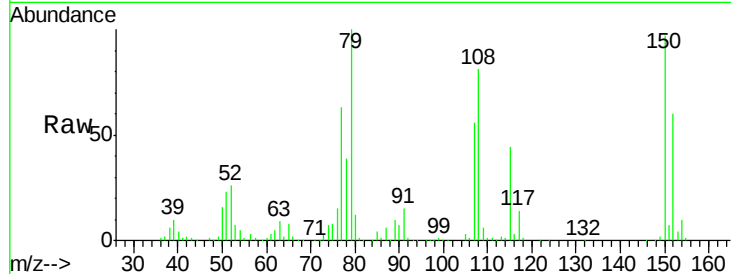
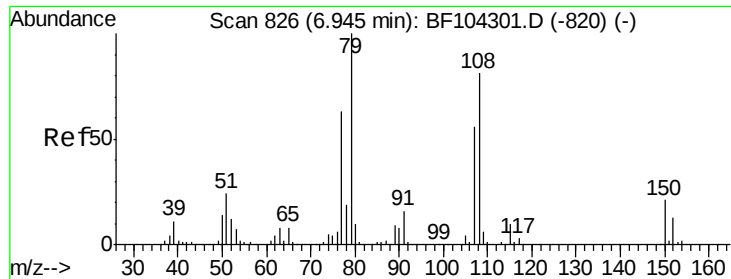
Delta R.T. 0.00 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

Tgt Ion:	146	Resp:	400771
Ion Ratio	Lower	Upper	
146	100		
148	62.1	50.6	75.8
111	45.3	36.0	54.0





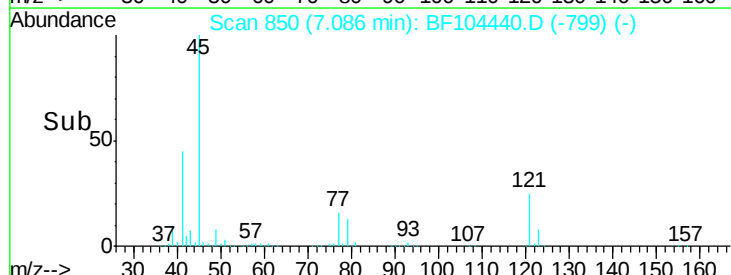
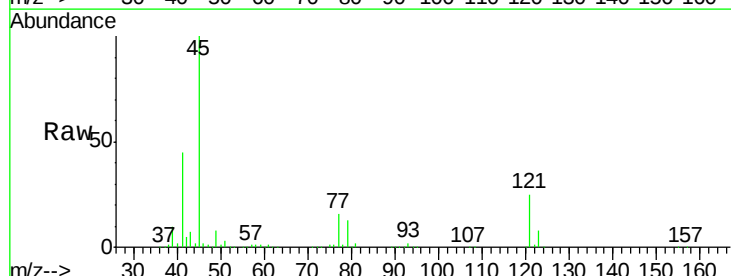
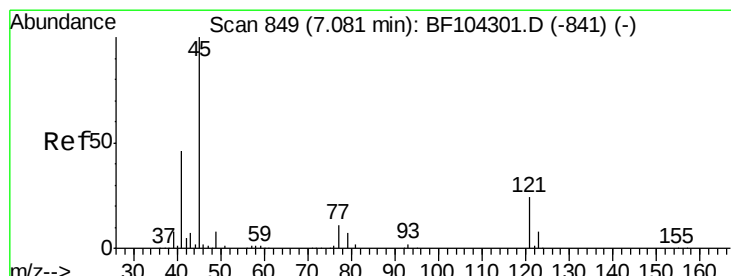
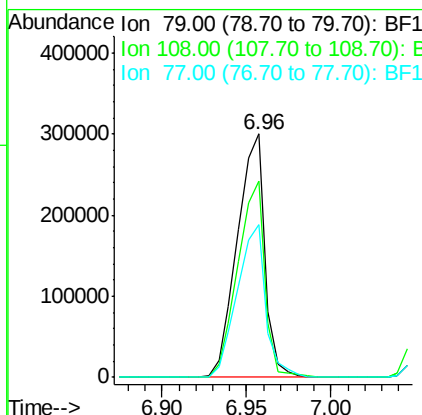
#15
Benzyl Alcohol
Concen: 38.917 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.01 min
Lab File: BF104440.D
Acq: 11 Apr 2018 16:09

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.7	65.1	97.7
77	62.5	50.6	75.8

Instrument :
BNA_F
ClientSampleId :
PB108147BS

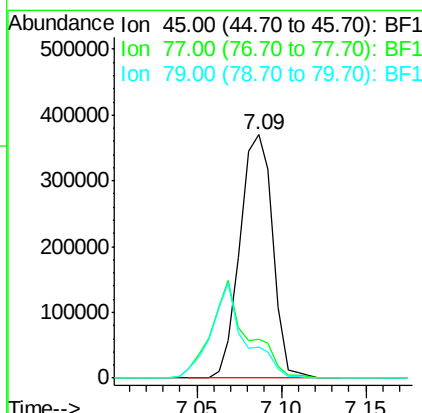
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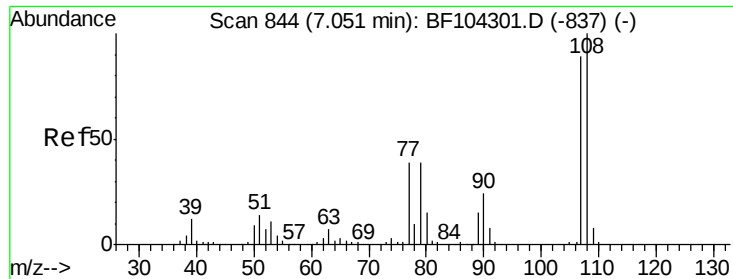
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.910 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF104440.D
Acq: 11 Apr 2018 16:09

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.9	0.0	32.9
79	12.7	0.0	29.6





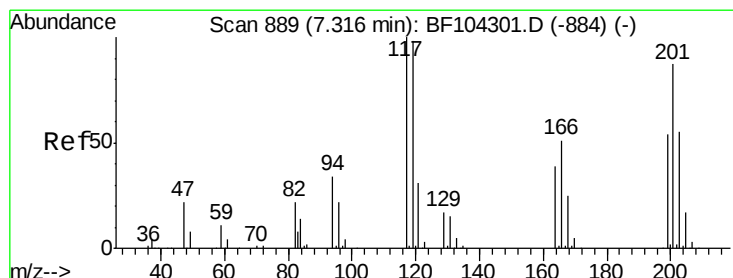
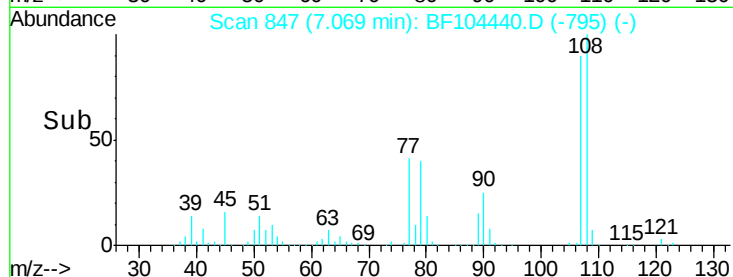
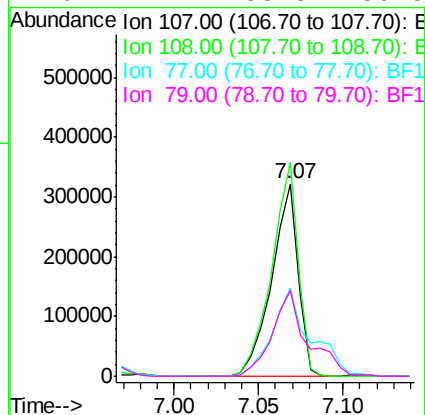
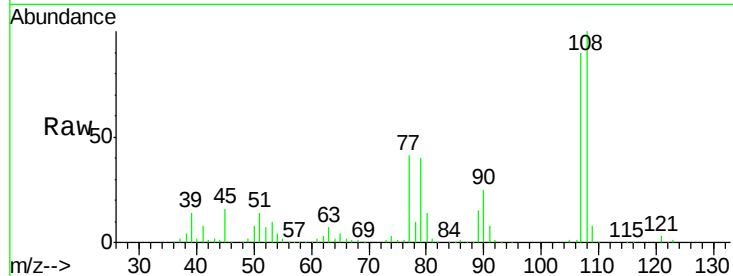
#17
2-Methylphenol
Concen: 39.879 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.01 min
Lab File: BF104440.D
Acq: 11 Apr 2018 16:09

Instrument :
BNA_F
ClientSampleId :
PB108147BS

Tot Ion:	107	Resp:	345507
Ion Ratio	Lower	Upper	
107	100		
108	111.1	91.7	137.5
77	46.1	33.8	50.8
79	44.7	33.8	50.8

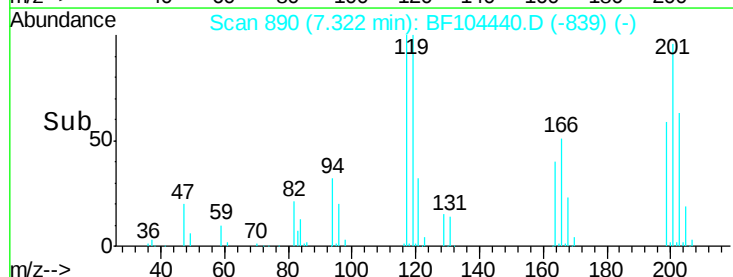
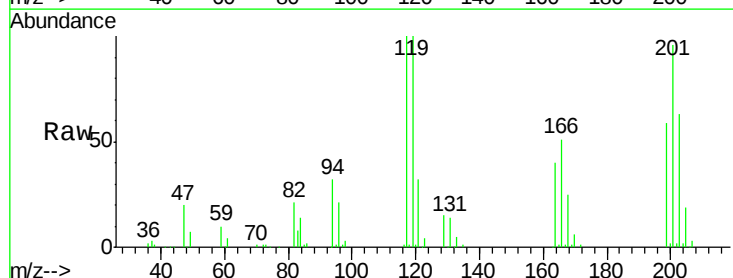
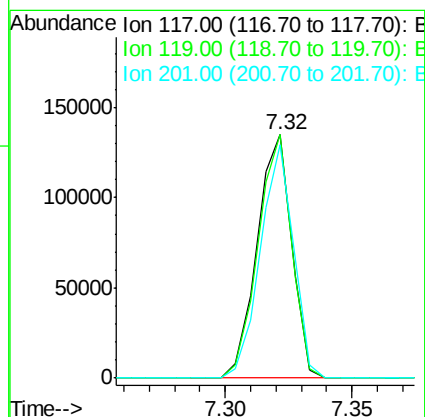
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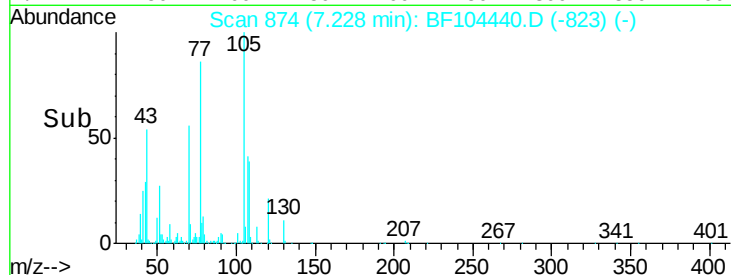
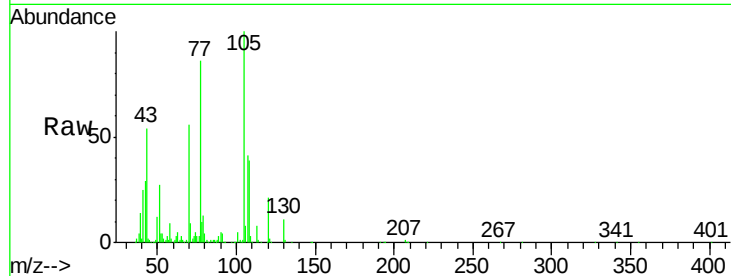
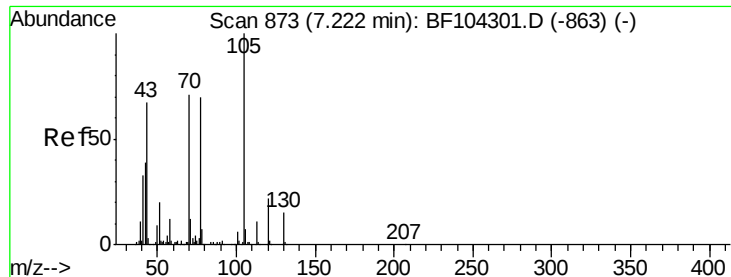
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#18
Hexachloroethane
Concen: 32.010 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF104440.D
Acq: 11 Apr 2018 16:09

Tgt Ion:	117	Resp:	128461
Ion Ratio	Lower	Upper	
117	100		
119	100.0	75.8	113.8
201	95.8	75.7	113.5





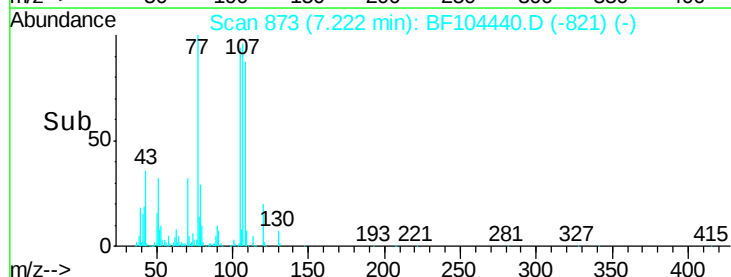
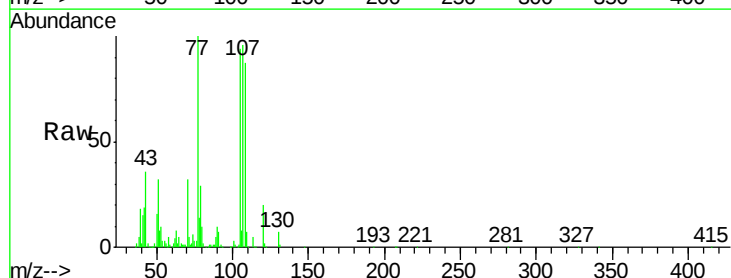
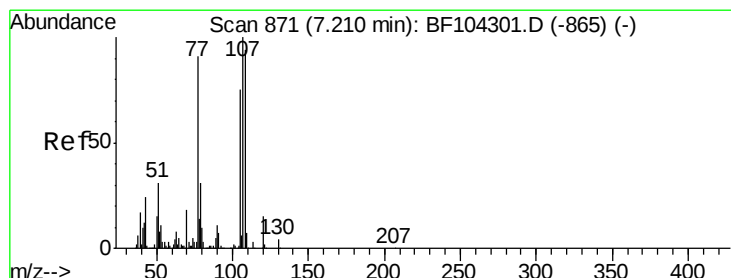
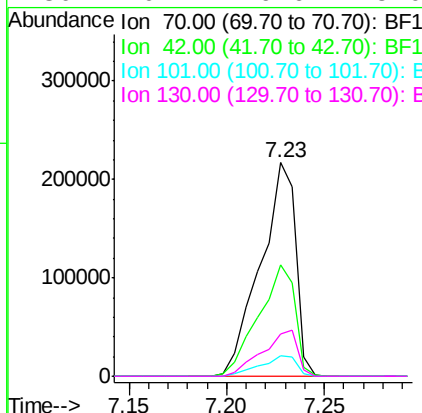
#19
n-Nitroso-di-n-propylamine
Concen: 35.810 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF104440.D
Acq: 11 Apr 2018 16:09

Tot Ion	Ratio	Lower	Upper
70	100		
42	52.4	47.5	71.3
101	9.6	7.4	11.2
130	20.1	16.6	25.0

Instrument :
BNA_F
ClientSampleId :
PB108147BS

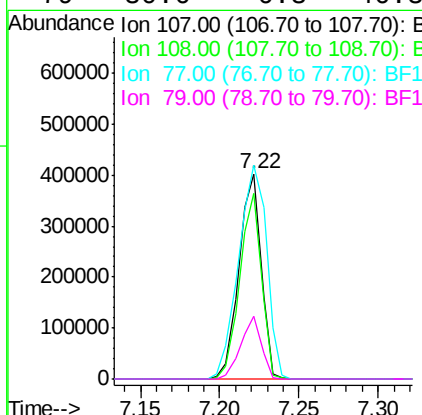
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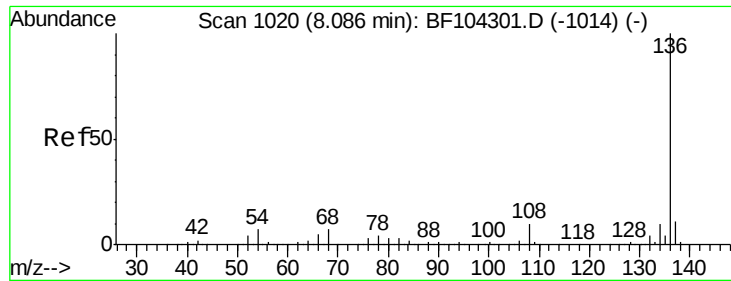
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#20
3+4-Methylphenols
Concen: 36.293 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF104440.D
Acq: 11 Apr 2018 16:09

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.8	68.2	108.2
77	104.2	26.7	66.7#
79	30.6	6.3	46.3





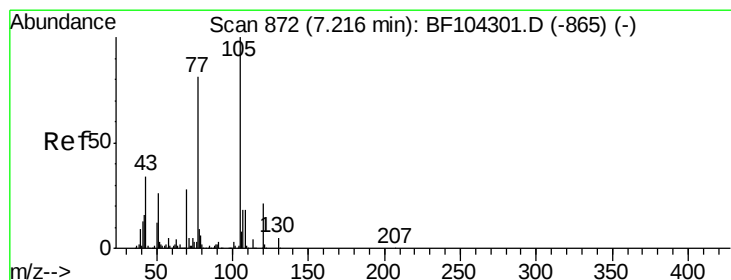
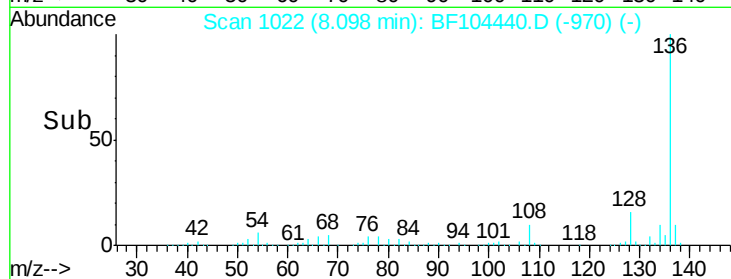
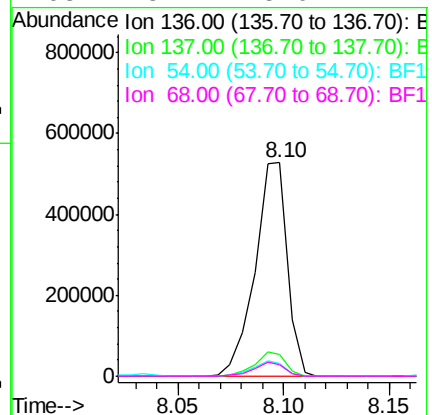
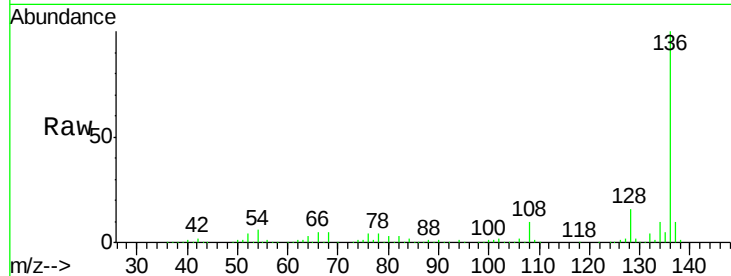
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BF104440.D
Acq: 11 Apr 2018 16:09

Instrument :
BNA_F
ClientSampleId :
PB108147BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	564191		
137	10.4	8.9	13.3	
54	6.3	6.6	9.8	
68	5.4	5.0	7.4	

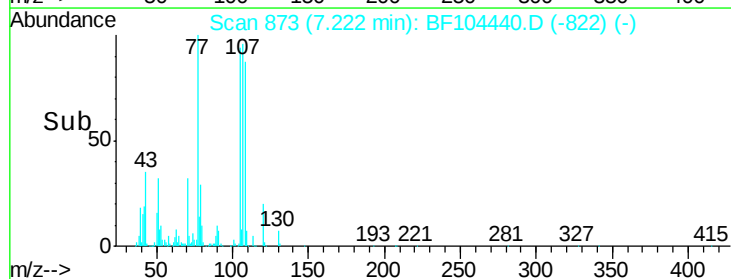
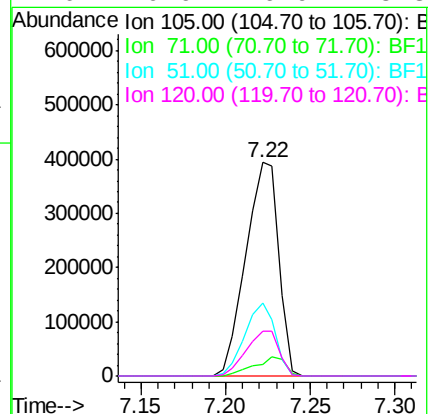
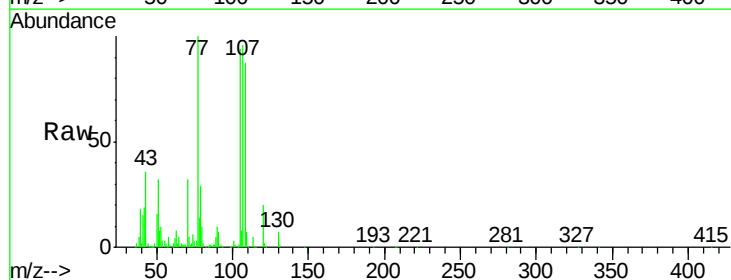
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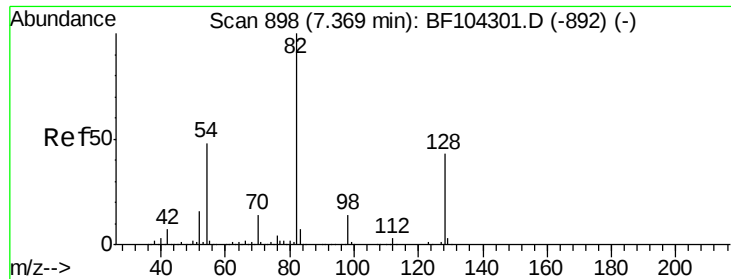
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#22
Acetophenone
Concen: 38.475 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF104440.D
Acq: 11 Apr 2018 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	534419		
71	5.5	4.4	6.6	
51	34.1	22.3	33.5	
120	20.9	16.9	25.3	





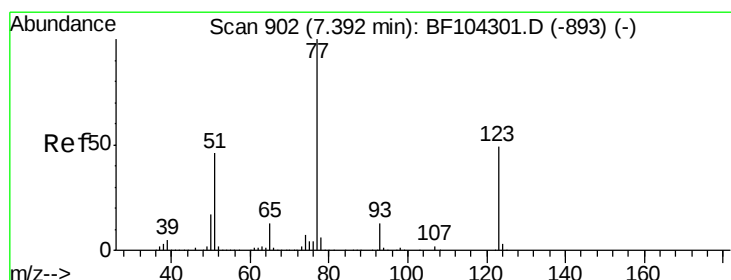
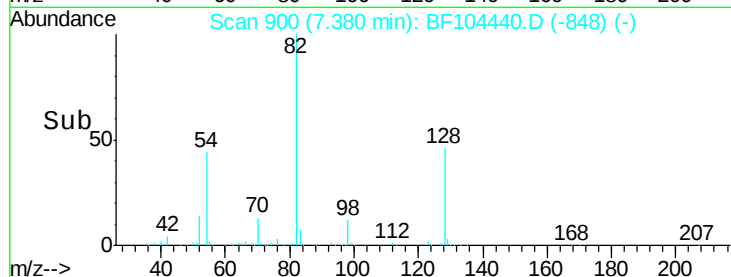
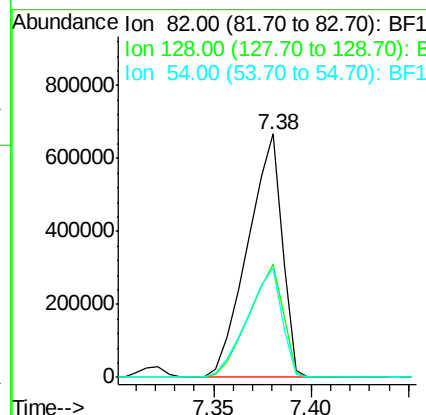
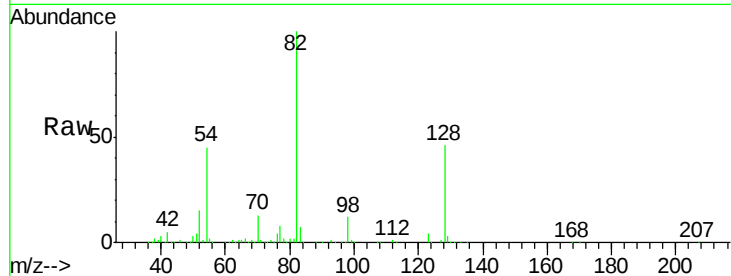
#23
 Nitrobenzene-d5
 Concen: 94.443 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: BF104440.D
 Acq: 11 Apr 2018 16:09

Instrument :
 BNA_F
 ClientSampleId :
 PB108147BS

Tot Ion	82	Resp	816010
Ion Ratio	100	Lower	Upper
82	100		
128	46.3	36.1	54.1
54	45.0	41.4	62.2

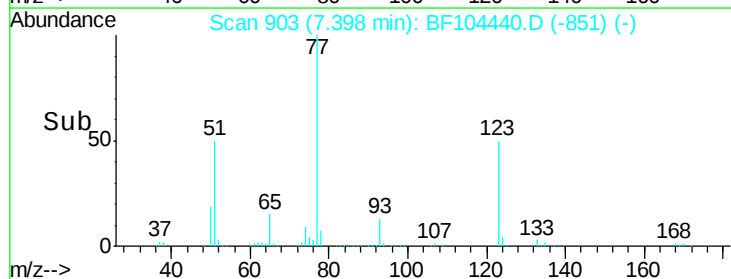
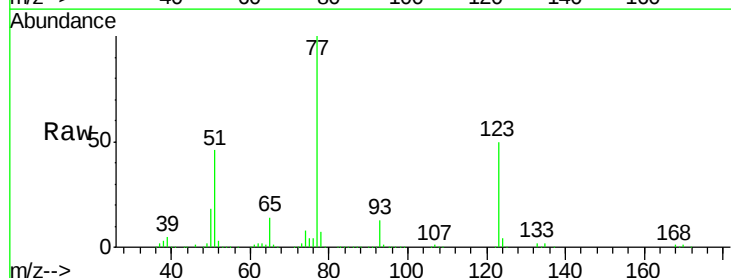
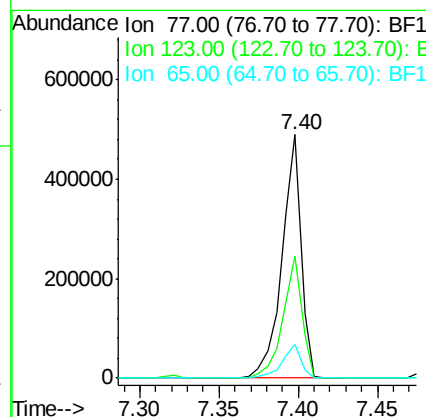
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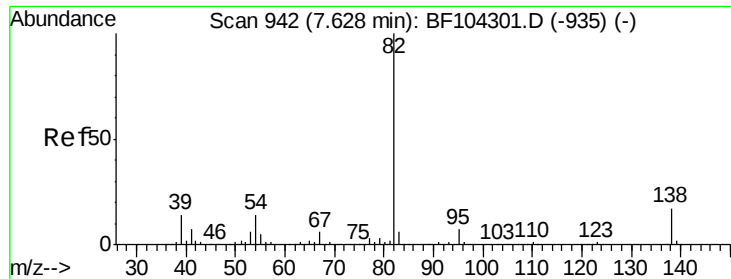
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#24
 Nitrobenzene
 Concen: 43.238 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.01 min
 Lab File: BF104440.D
 Acq: 11 Apr 2018 16:09

Tgt Ion	77	Resp	412466
Ion Ratio	100	Lower	Upper
77	100		
123	50.0	37.9	56.9
65	13.8	11.0	16.4





#25

Isophorone

Concen: 42.414 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

Instrument :

BNA_F

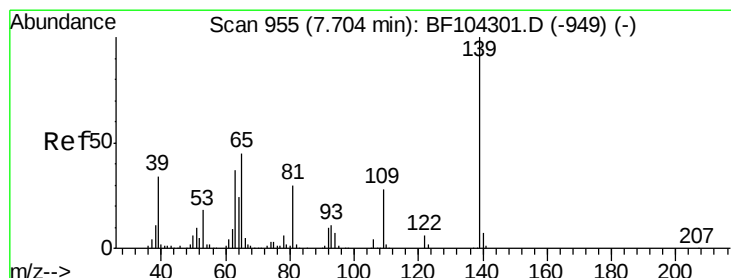
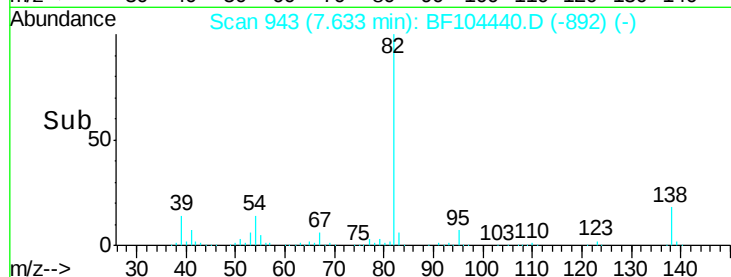
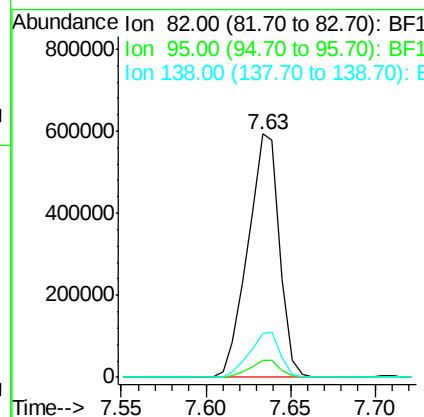
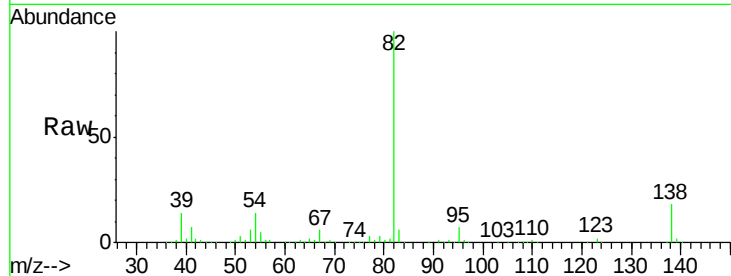
ClientSampleId :

PB108147BS

Tot Ion:	82	Resp:	774952
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.2	7.8
138	17.8	14.9	22.3

Manual Integrations
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4/12/2018 2:30:42 PM



#26

2-Nitrophenol

Concen: 55.284 ng

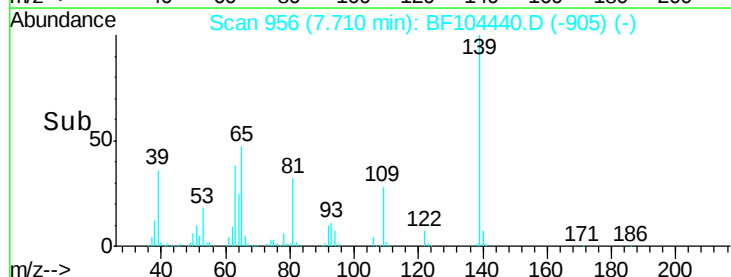
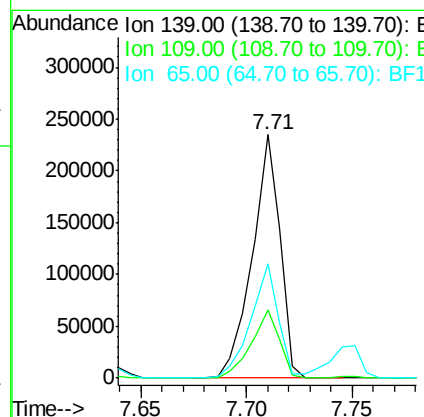
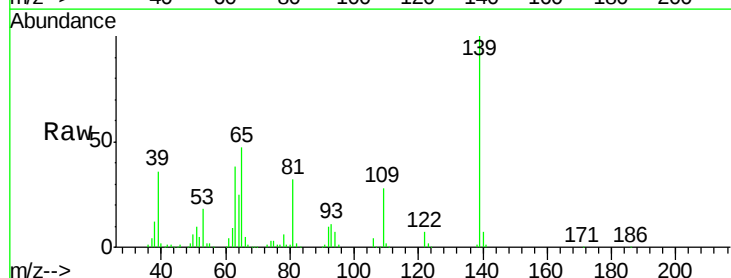
RT: 7.71 min Scan# 956

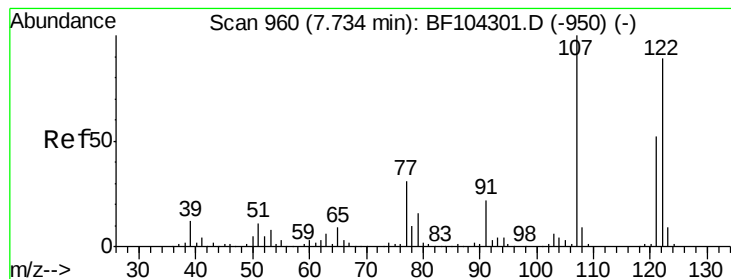
Delta R.T. 0.00 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

Tgt Ion:	139	Resp:	214697
Ion Ratio	Lower	Upper	
139	100		
109	27.9	22.7	34.1
65	47.1	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 46.979 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.01 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

Instrument :

BNA_F

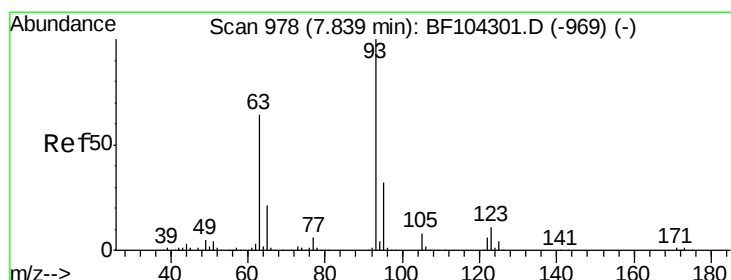
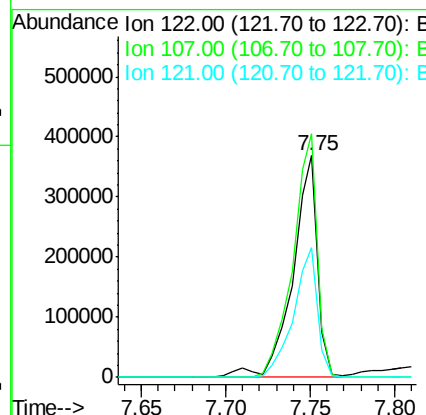
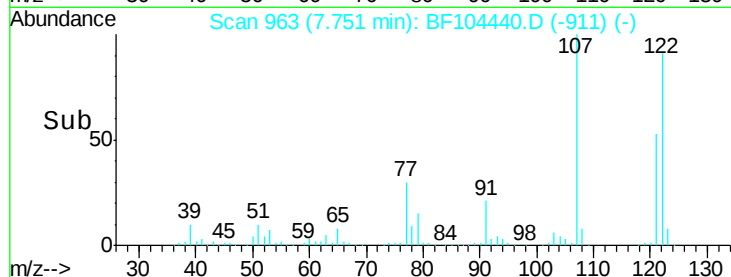
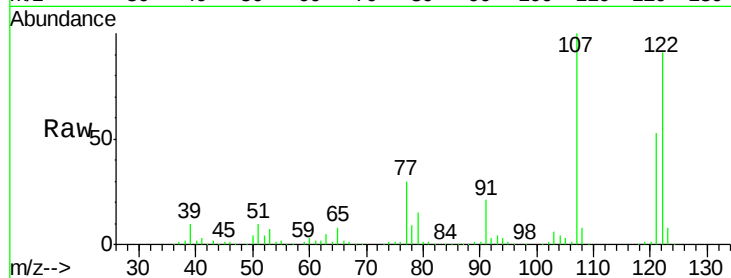
ClientSampled :

PB108147BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.1	91.2	136.8
121	58.8	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 44.225 ng

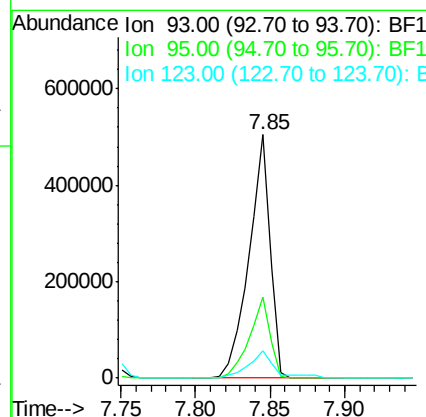
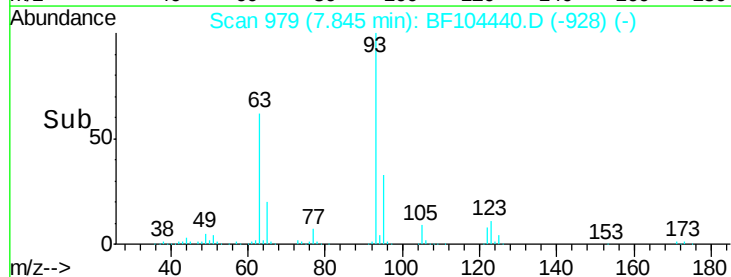
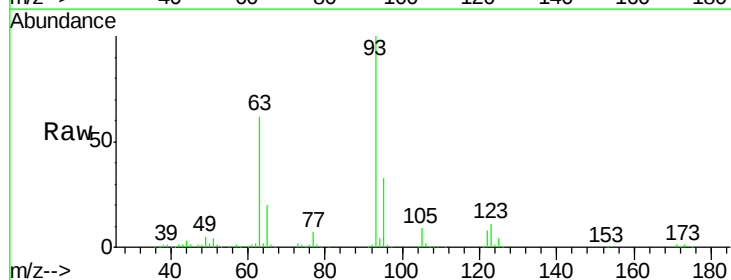
RT: 7.85 min Scan# 979

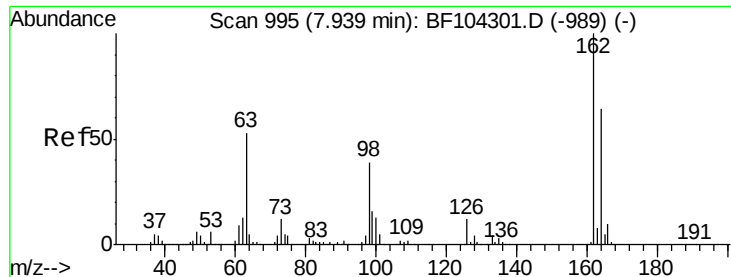
Delta R.T. 0.00 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.3	39.5
123	11.4	9.8	14.6





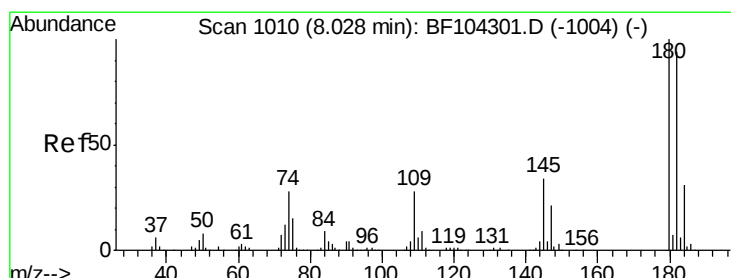
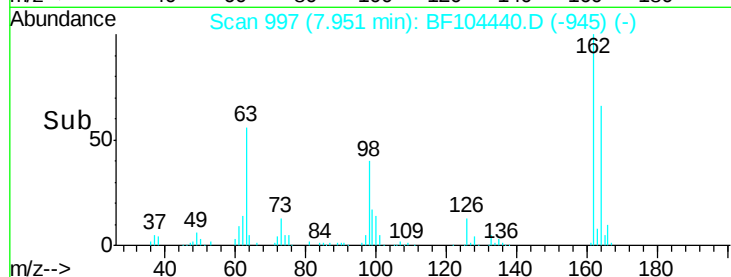
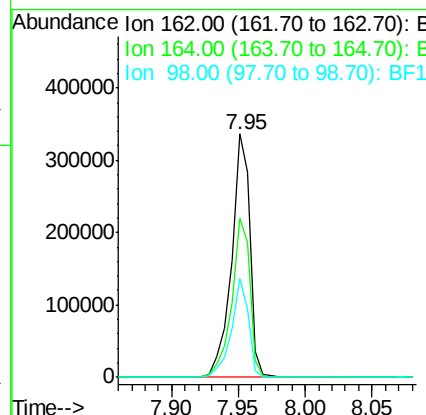
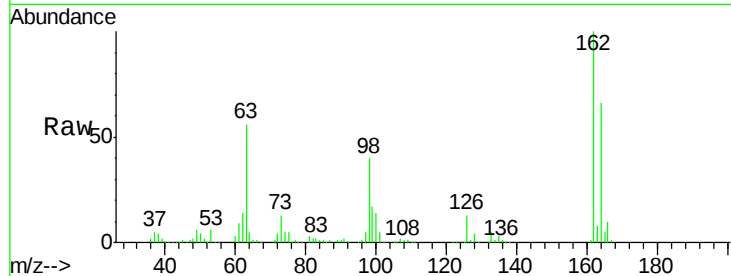
#29
2,4-Dichlorophenol
Concen: 42.707 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.01 min
Lab File: BF104440.D
Acq: 11 Apr 2018 16:09

Instrument :
BNA_F
ClientSampleId :
PB108147BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	328580		
164	65.6	42.7	82.7	
98	40.5	18.1	58.1	

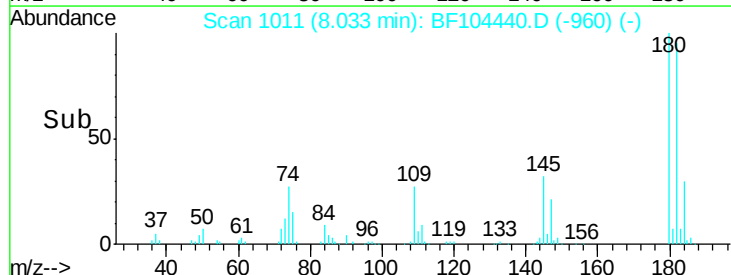
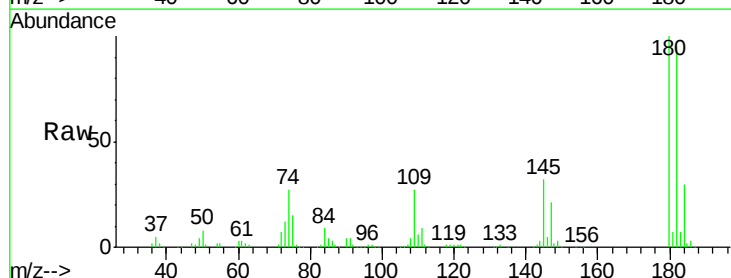
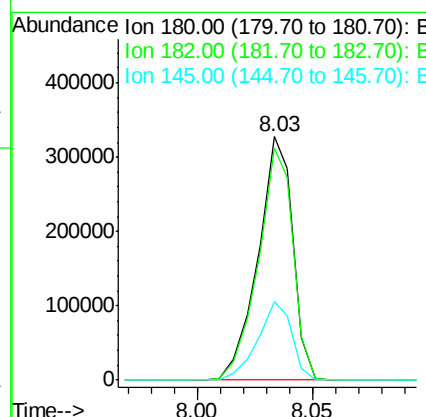
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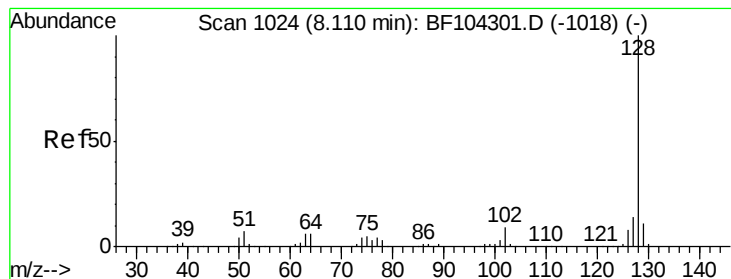
Sohil
4/12/2018 2:30:42 PM



#30
1,2,4-Trichlorobenzene
Concen: 40.560 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF104440.D
Acq: 11 Apr 2018 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	342476		
182	95.4	76.8	115.2	
145	32.5	26.5	39.7	





#31

Naphthalene

Concen: 40.158 ng

RT: 8.12 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

Instrument :

BNA_F

ClientSampled :

PB108147BS

Tot Ion:128 Resp: 1128179

Ion Ratio Lower Upper

128 100

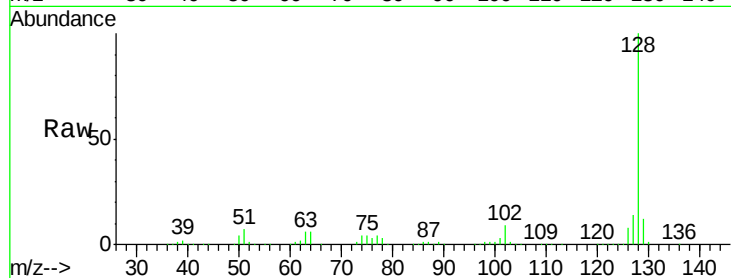
129 11.6 8.8 13.2

127 13.8 10.9 16.3

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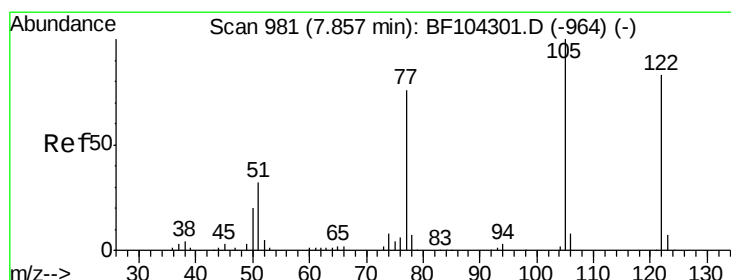
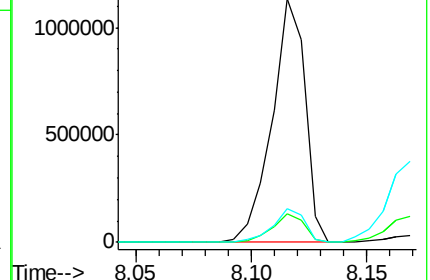
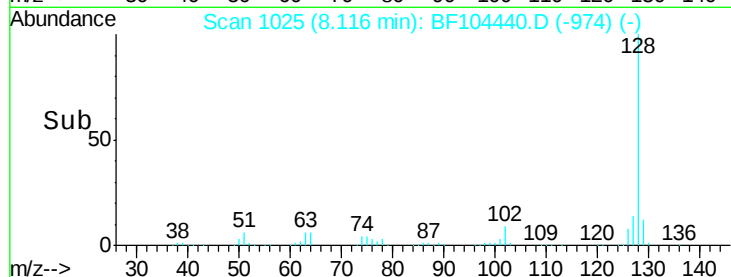
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.198 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.01 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

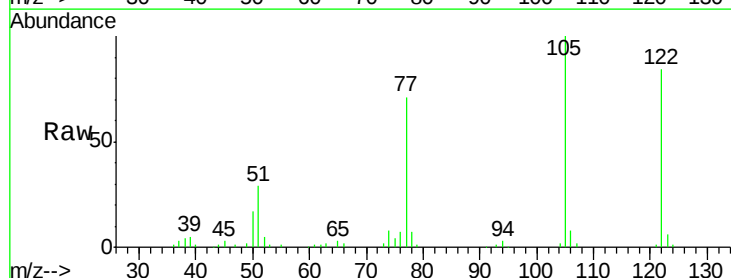
Tgt Ion:122 Resp: 252195

Ion Ratio Lower Upper

122 100

105 119.3 101.1 141.1

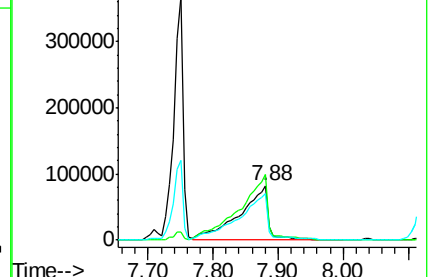
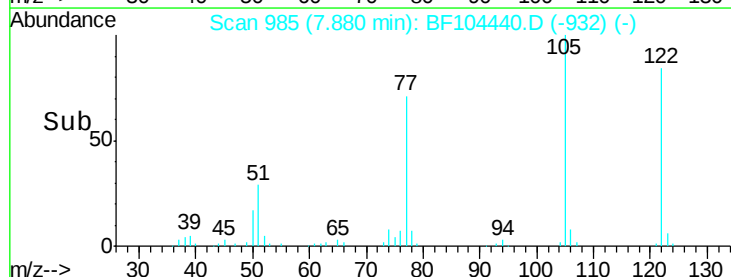
77 84.8 70.7 110.7

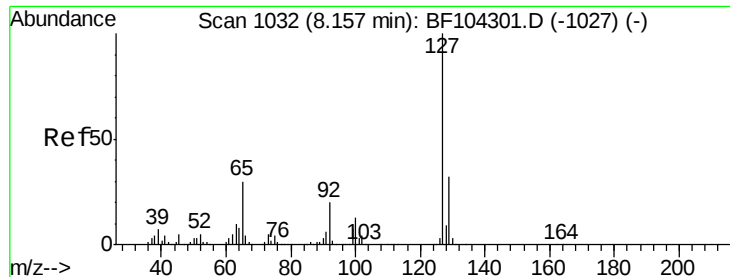


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





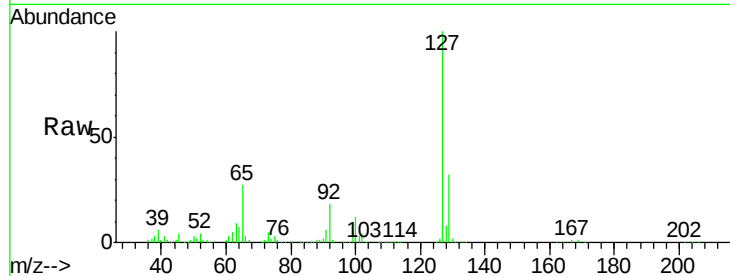
#33
4-Chloroaniline
Concen: 31.824 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.01 min
Lab File: BF104440.D
Acq: 11 Apr 2018 16:09

Instrument :
BNA_F
ClientSampleId :
PB108147BS

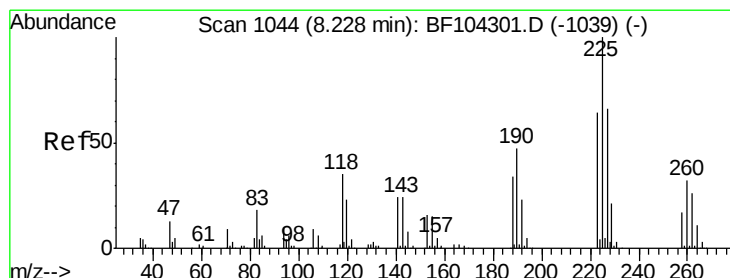
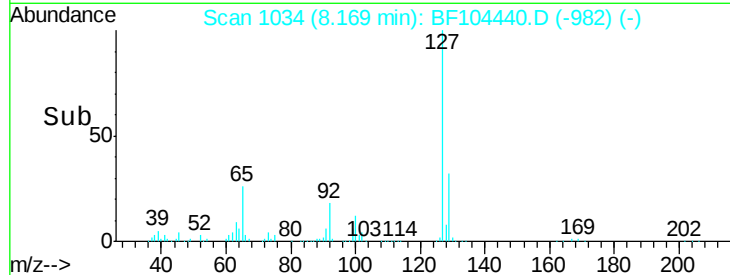
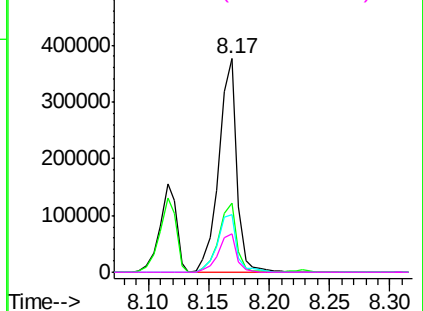
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4	25.9	38.9		
65	27.0	25.0	37.4		
92	18.1	15.2	22.8		

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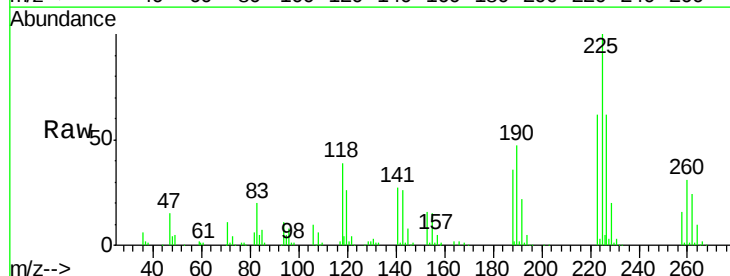


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

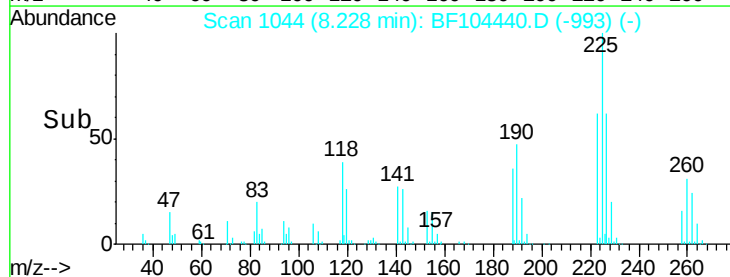
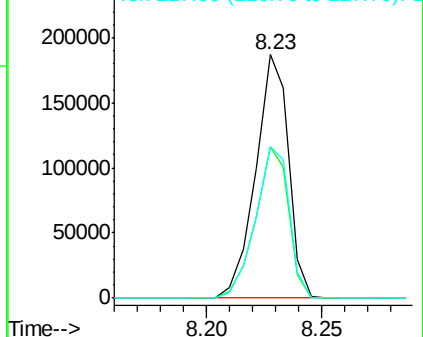


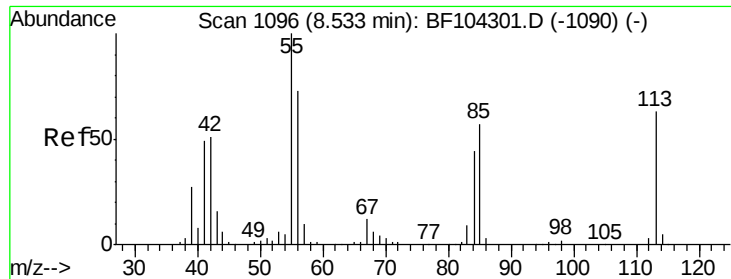
#34
Hexachlorobutadiene
Concen: 40.059 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF104440.D
Acq: 11 Apr 2018 16:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.5	50.6	76.0		
227	62.4	51.9	77.9		



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





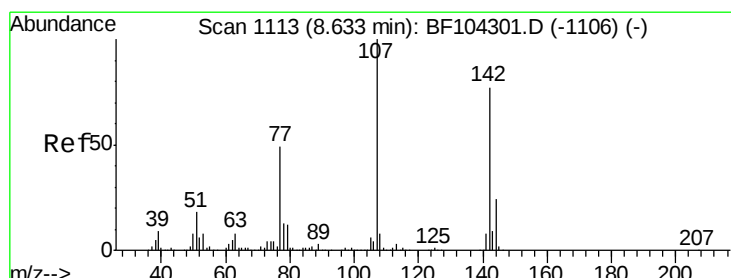
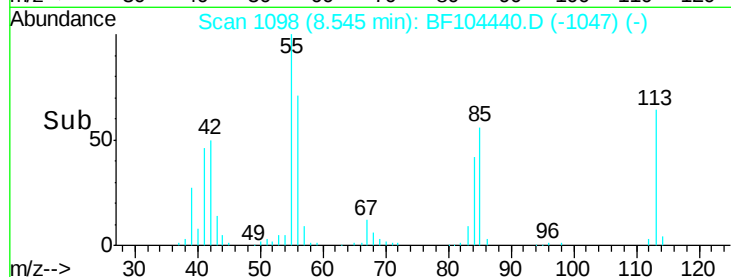
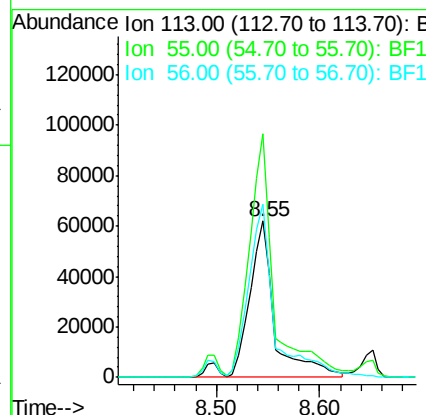
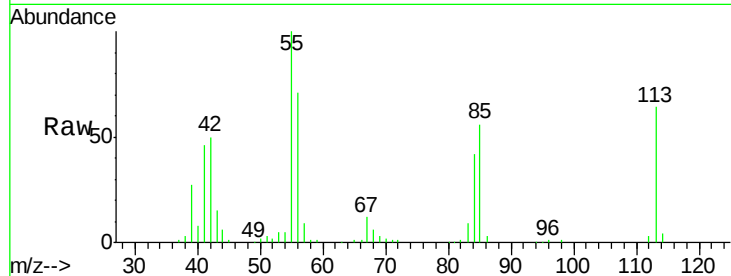
#35
Caprolactam
Concen: 40.374 ng/ml
RT: 8.55 min Scan# 1098
Delta R.T. 0.00 min
Lab File: BF104440.D
Acq: 11 Apr 2018 16:09

Instrument :
BNA_F
ClientSampleId :
PB108147BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	155.6	163.3	203.3#
56	111.0	115.7	155.7#

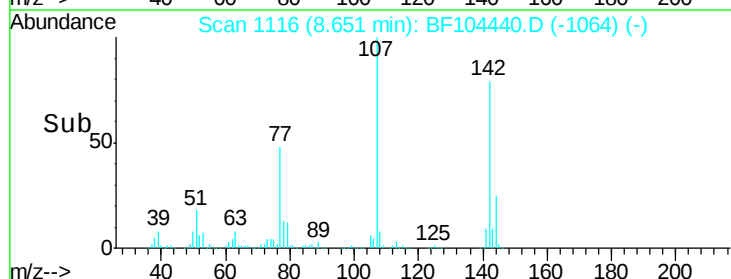
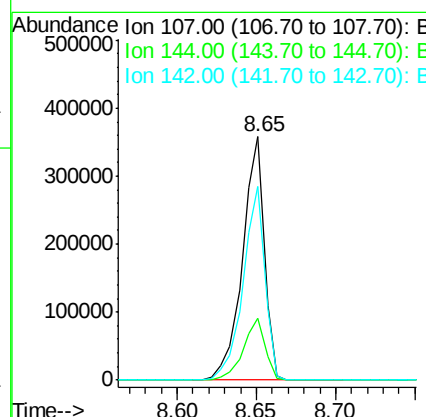
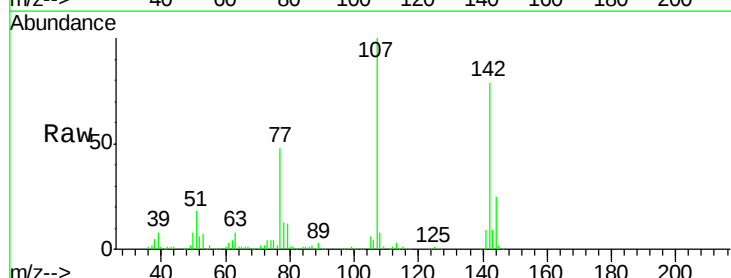
Manual Integrations
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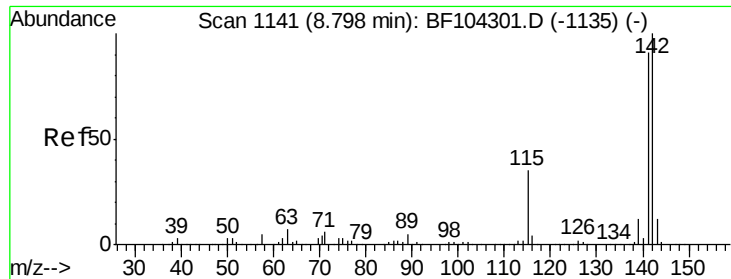
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#36
4-Chloro-3-methylphenol
Concen: 41.417 ng/ml
RT: 8.65 min Scan# 1116
Delta R.T. 0.01 min
Lab File: BF104440.D
Acq: 11 Apr 2018 16:09

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.4	20.5	30.7
142	79.3	62.0	93.0





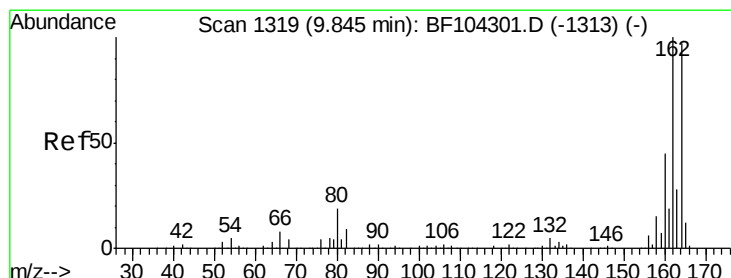
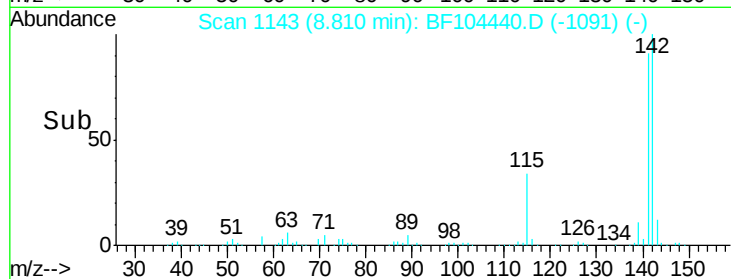
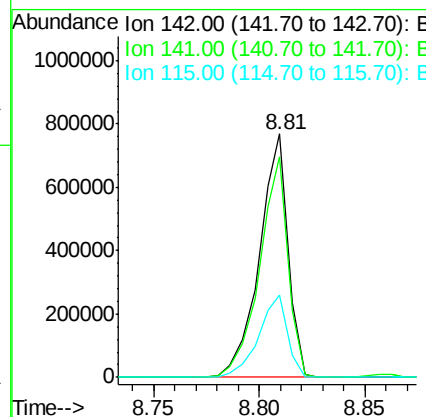
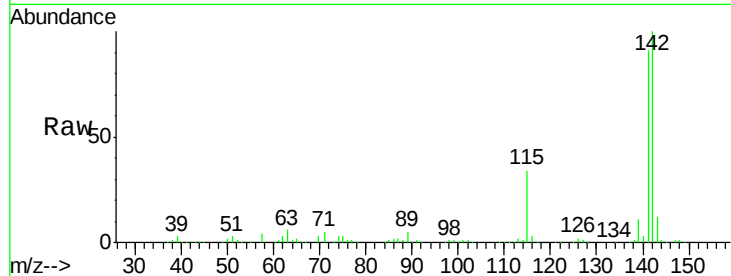
#37
2-Methylnaphthalene
Concen: 39.953 ng
RT: 8.81 min Scan# 1143
Delta R.T. 0.01 min
Lab File: BF104440.D
Acq: 11 Apr 2018 16:09

Instrument :
BNA_F
ClientSampleId :
PB108147BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	70.8	106.2
115	33.9	26.1	39.1

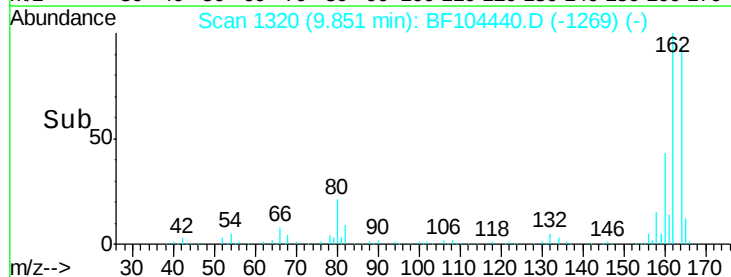
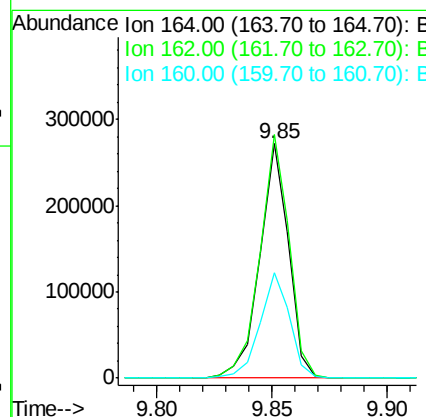
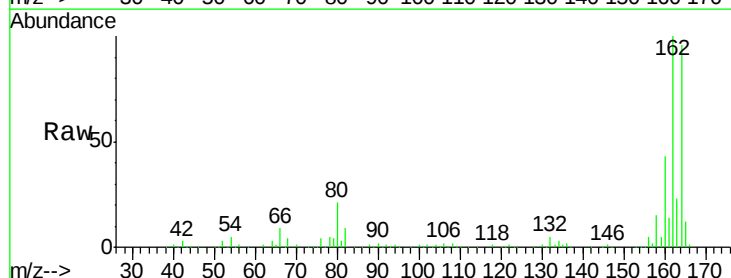
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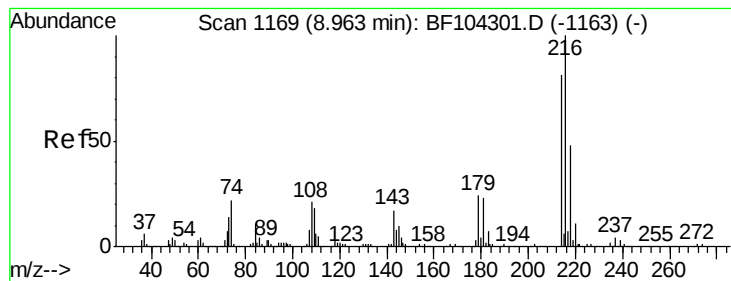
Sohil
4/12/2018 2:30:42 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF104440.D
Acq: 11 Apr 2018 16:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	45.1	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.865 ng

RT: 8.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

Instrument :

BNA_F

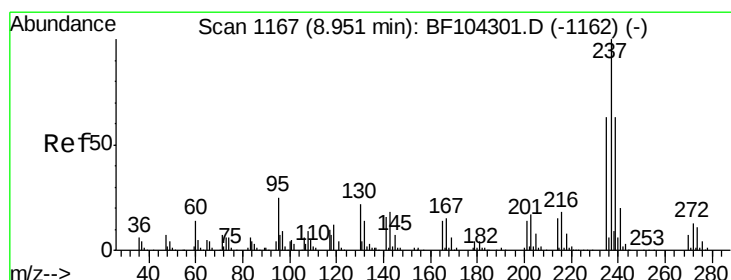
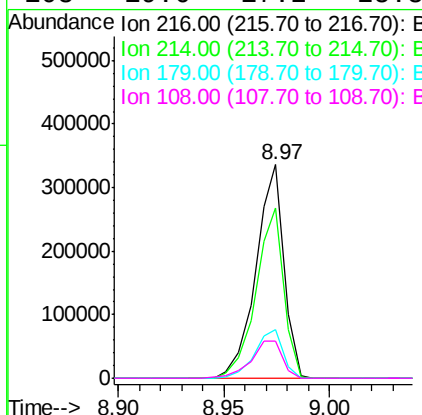
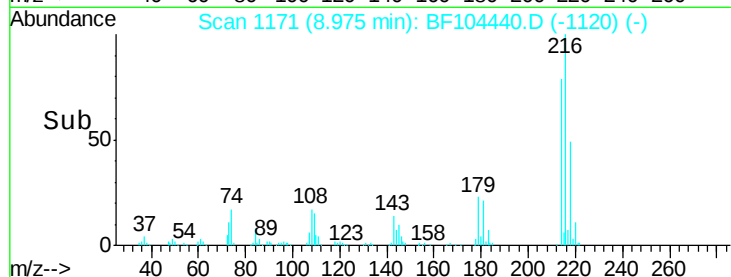
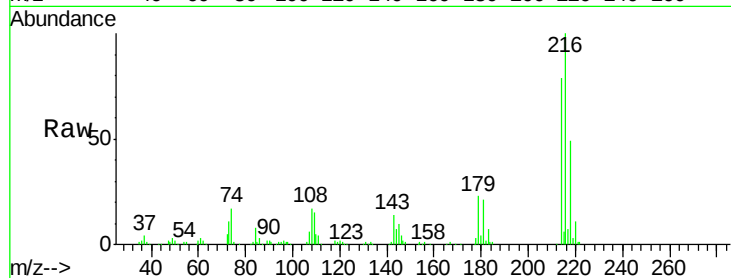
ClientSampleId :

PB108147BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		309918		
214	79.0		63.0	94.4	
179	22.8		18.1	27.1	
108	19.6		17.2	25.8	

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 17.064 ng

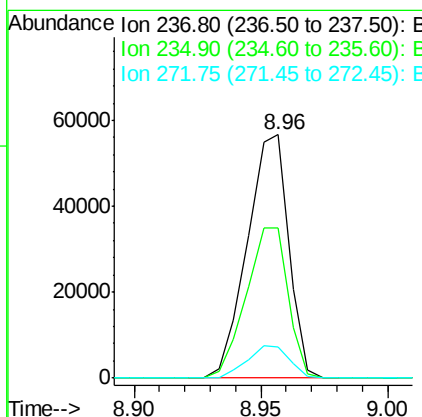
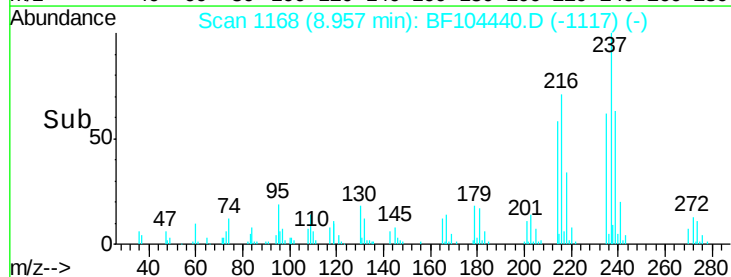
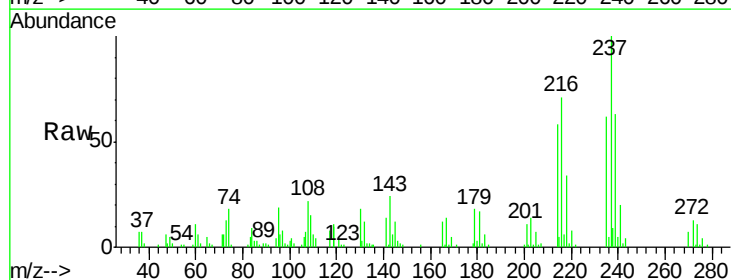
RT: 8.96 min Scan# 1168

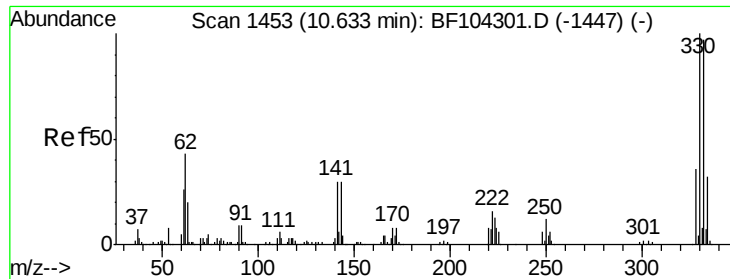
Delta R.T. 0.00 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		64552		
235	61.7		44.8	84.8	
272	12.6		0.0	33.3	





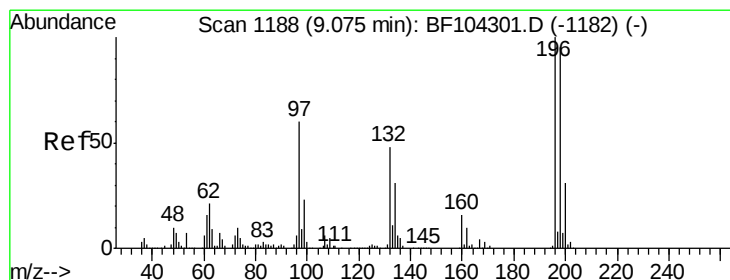
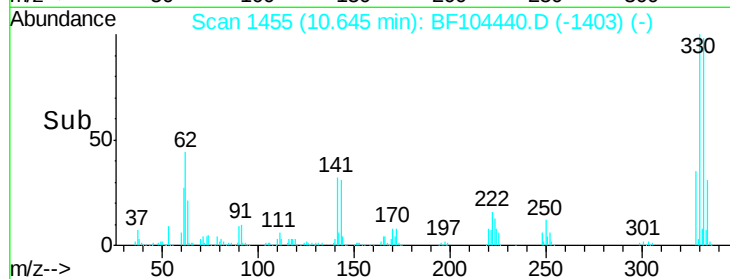
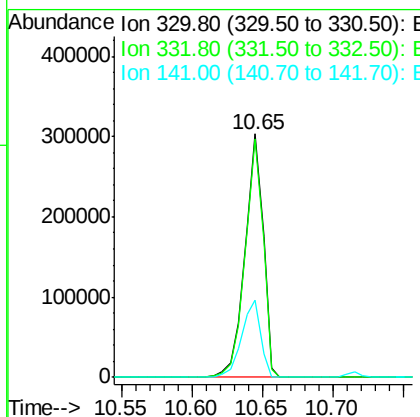
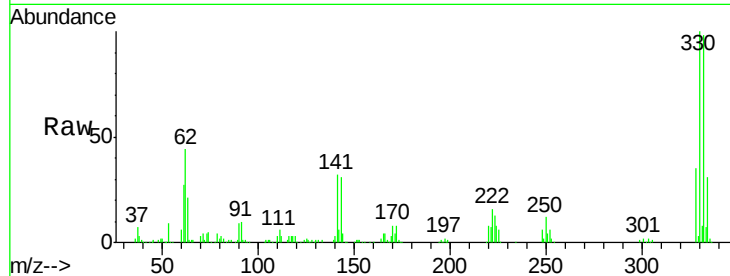
#41
 2,4,6-Tribromophenol
 Concen: 112.112 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.01 min
 Lab File: BF104440.D
 Acq: 11 Apr 2018 16:09

Instrument :
 BNA_F
 ClientSampleId :
 PB108147BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	274522		
332	96.9	77.0	115.6	
141	33.0	29.9	44.9	

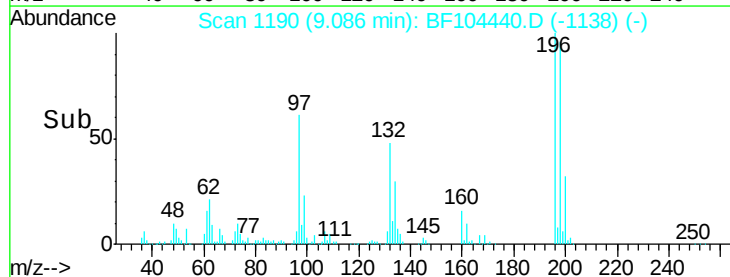
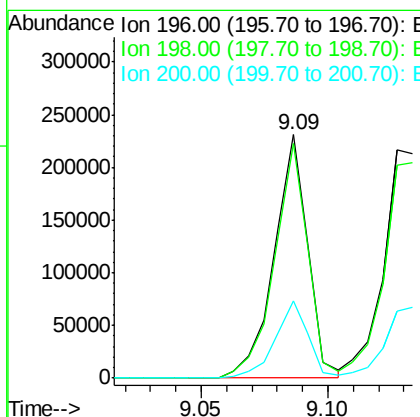
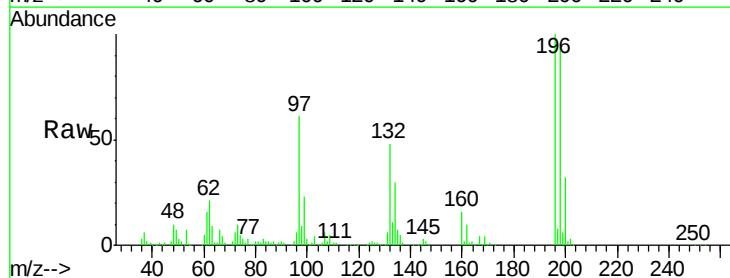
Manual Integrations
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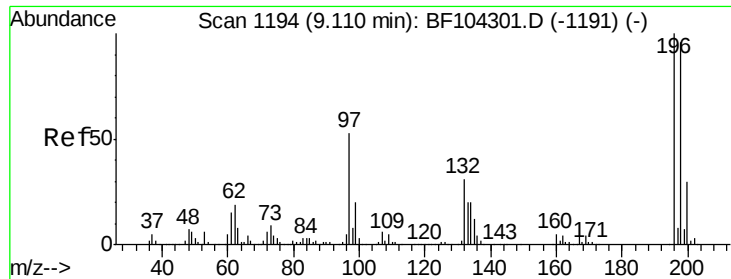
Sohil
 4/12/2018 2:30:42 PM



#42
 2,4,6-Trichlorophenol
 Concen: 45.900 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF104440.D
 Acq: 11 Apr 2018 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	215303		
198	96.4	75.7	113.5	
200	31.7	24.5	36.7	





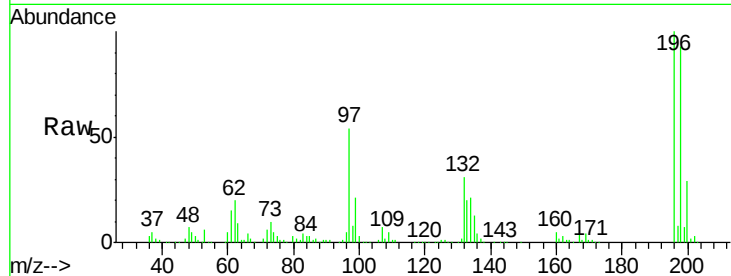
#43
 2,4,5-Trichlorophenol
 Concen: 42.424 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.01 min
 Lab File: BF104440.D
 Acq: 11 Apr 2018 16:09

Instrument :
 BNA_F
 ClientSampleId :
 PB108147BS

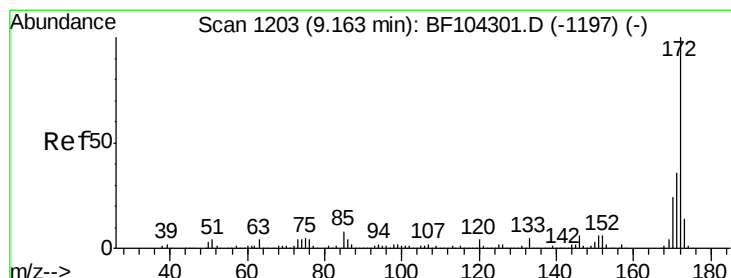
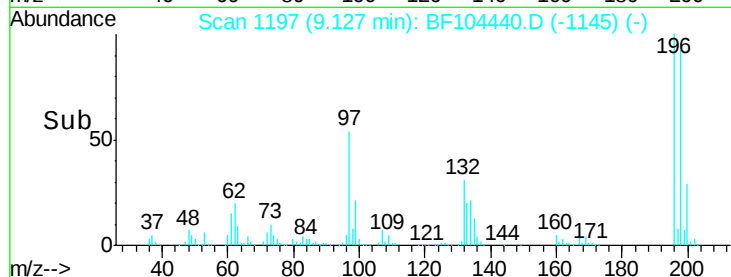
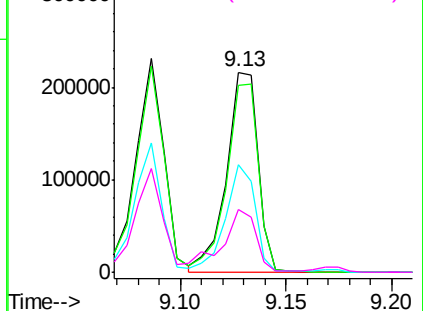
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		222686		
198	93.5	74.6	112.0		
97	54.1	42.9	64.3		
132	31.3	26.3	39.5		

Manual Integrations
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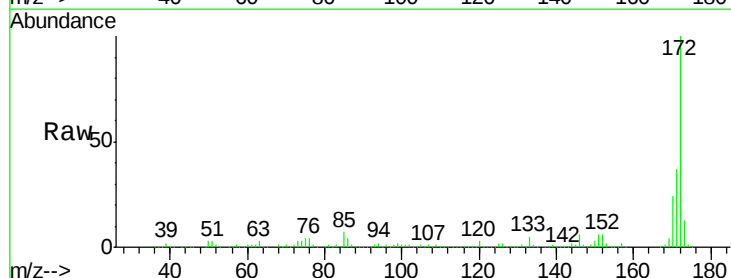


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

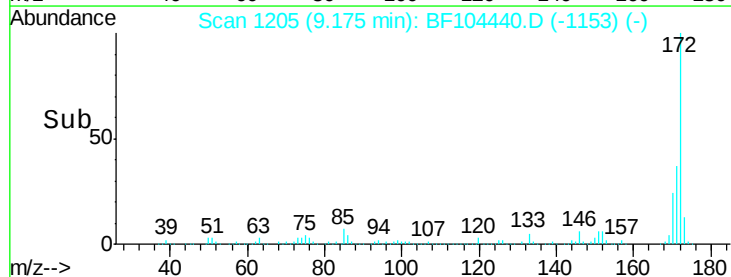
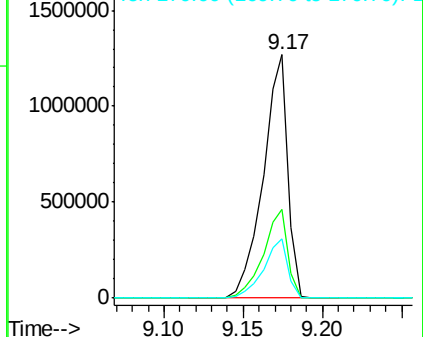


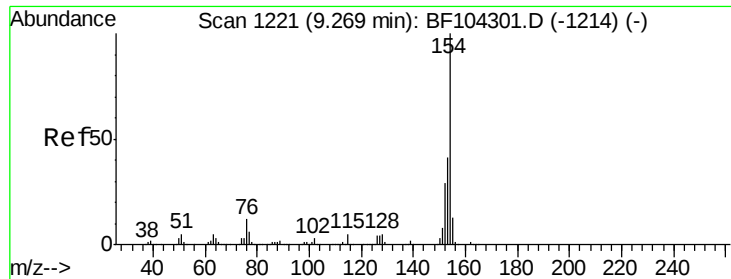
#44
 2-Fluorobiphenyl
 Concen: 91.892 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF104440.D
 Acq: 11 Apr 2018 16:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1373086		
171	36.6	29.7	44.5		
170	24.3	19.6	29.4		



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





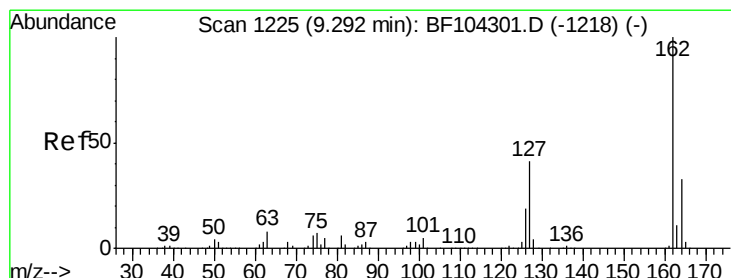
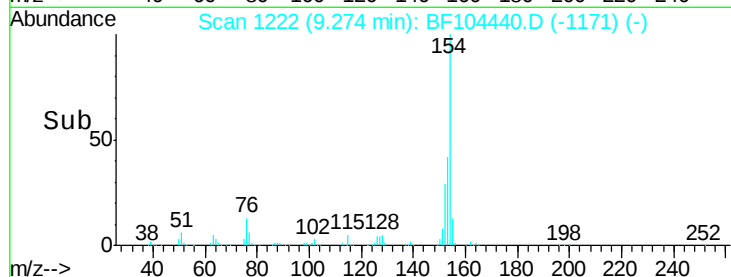
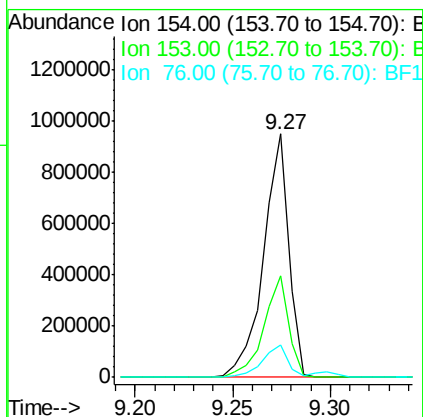
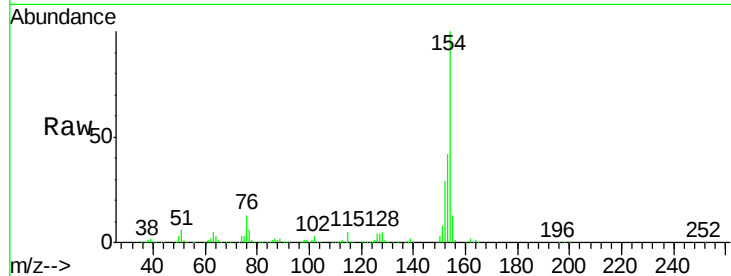
#45
 1,1'-Biphenyl
 Concen: 42.897 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BF104440.D
 Acq: 11 Apr 2018 16:09

Instrument :
 BNA_F
 ClientSampleId :
 PB108147BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.3	61.3
76	13.1	0.0	34.0

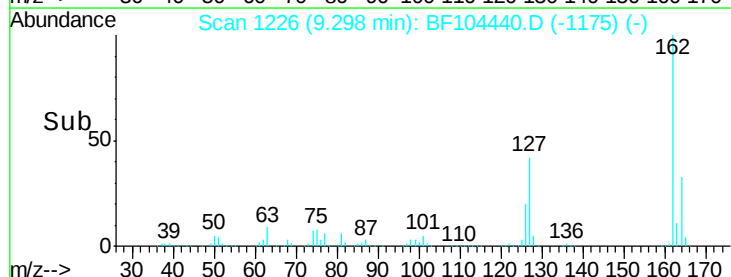
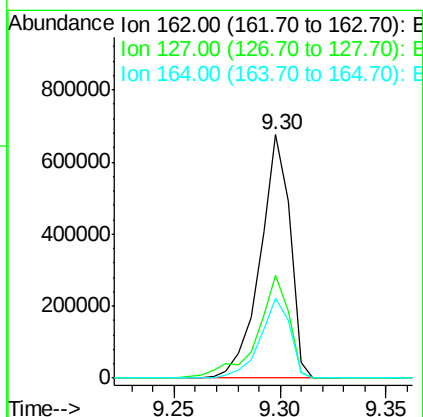
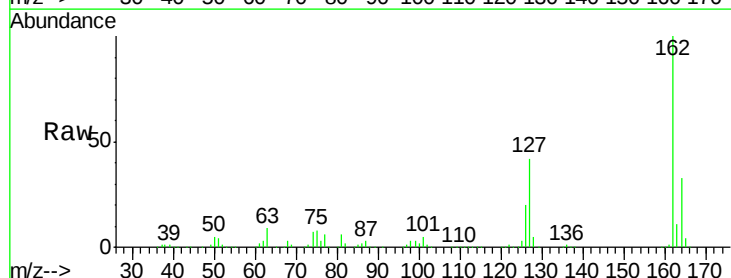
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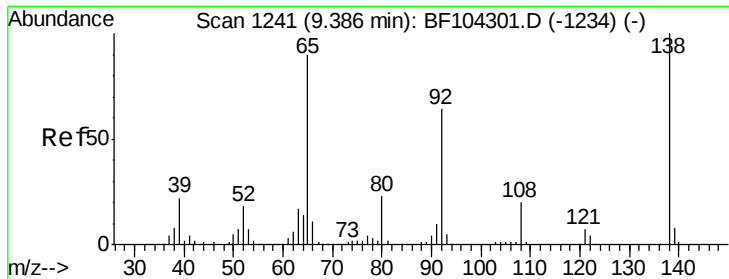
Sohil
 4/12/2018 2:30:42 PM



#46
 2-Chloronaphthalene
 Concen: 42.313 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. 0.00 min
 Lab File: BF104440.D
 Acq: 11 Apr 2018 16:09

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.1	33.9	50.9
164	33.0	26.5	39.7





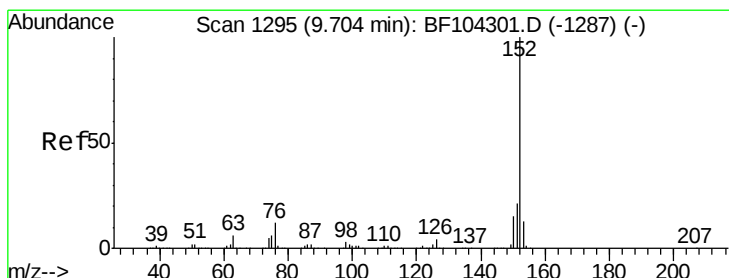
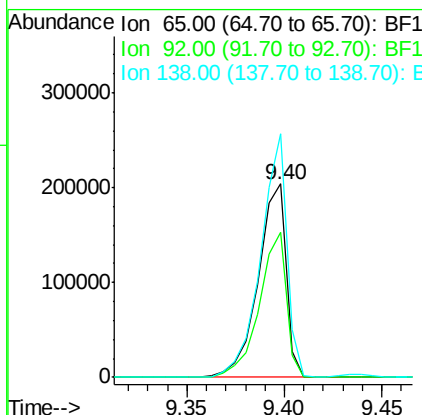
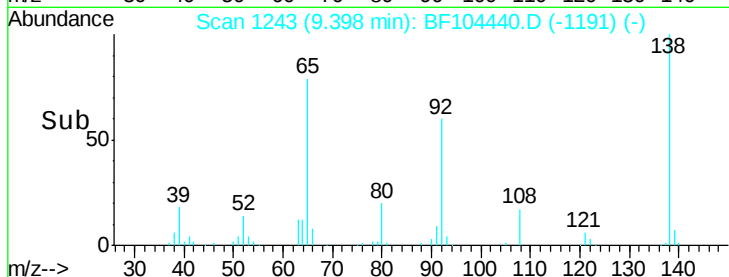
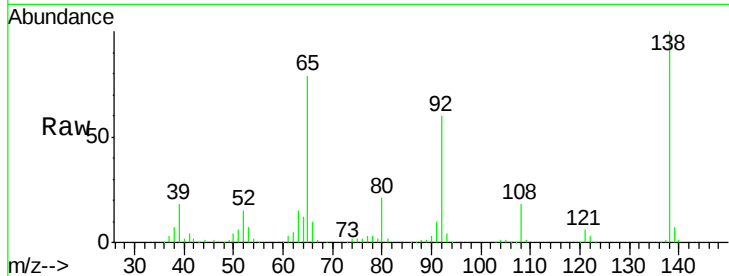
#47
 2-Nitroaniline
 Concen: 52.329 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: BF104440.D
 Acq: 11 Apr 2018 16:09

Instrument :
 BNA_F
 ClientSampleId :
 PB108147BS

Tot Ion:	65	Resp:	202696
Ion Ratio	Lower	Upper	
65	100		
92	75.3	55.8	83.6
138	126.0	91.2	136.8

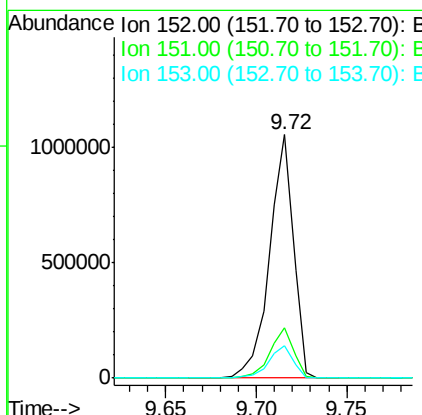
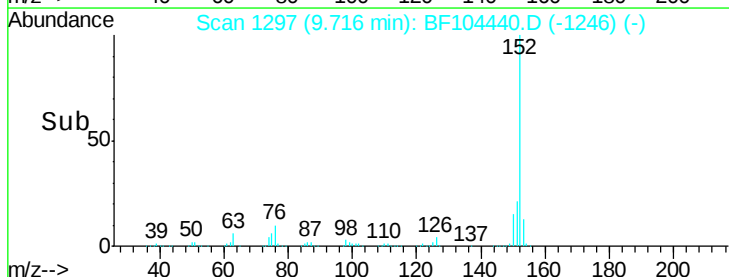
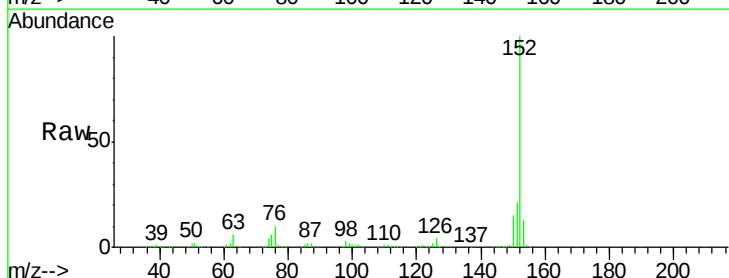
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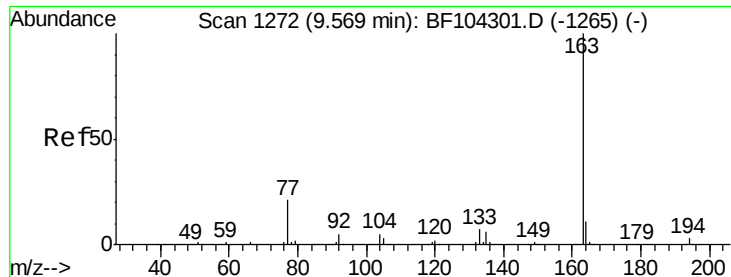
Sohil
 4/12/2018 2:30:42 PM



#48
 Acenaphthylene
 Concen: 39.288 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. 0.00 min
 Lab File: BF104440.D
 Acq: 11 Apr 2018 16:09

Tgt Ion:	152	Resp:	965506
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.3	24.5
153	13.4	10.7	16.1





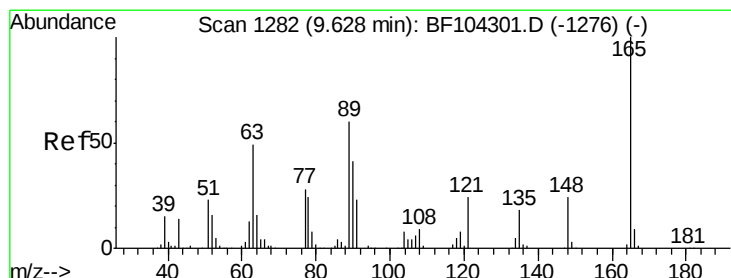
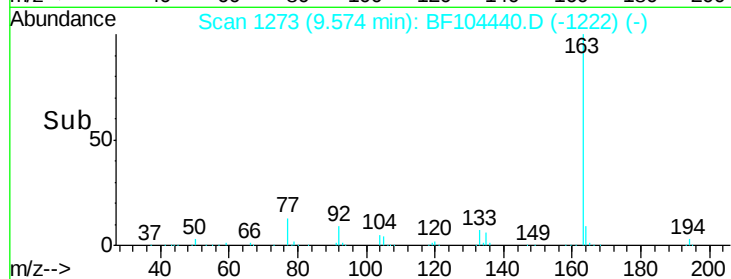
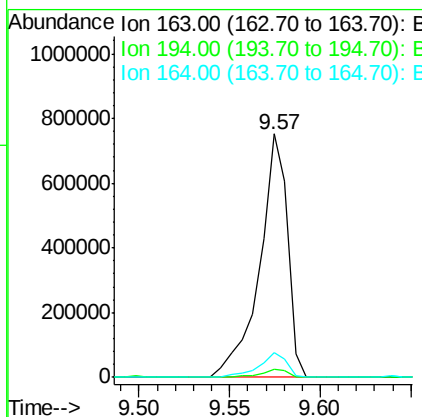
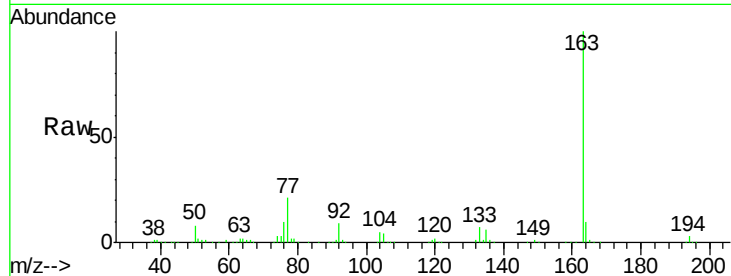
#49
Dimethylphthalate
Concen: 43.238 ng
RT: 9.57 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BF104440.D
Acq: 11 Apr 2018 16:09

Instrument :
BNA_F
ClientSampleId :
PB108147BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	804854		
194	3.3		2.7	4.1
164	10.2		8.2	12.2

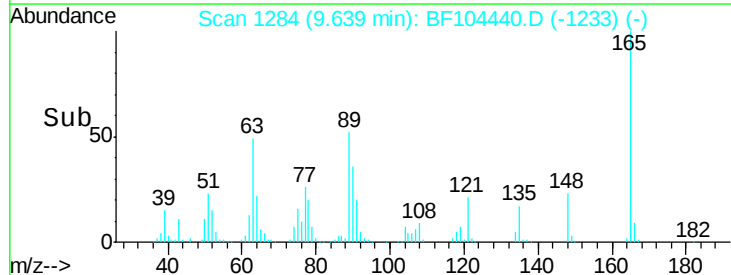
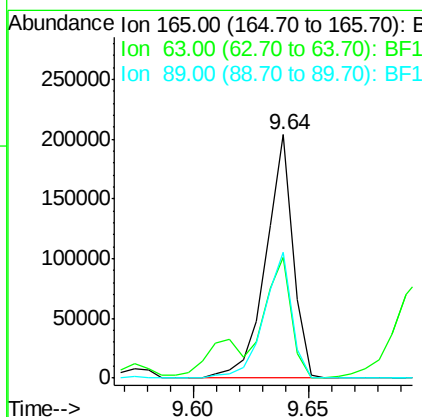
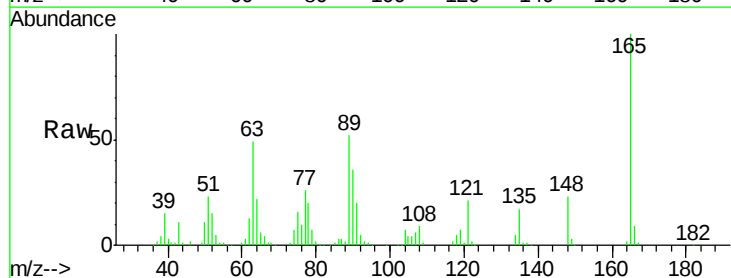
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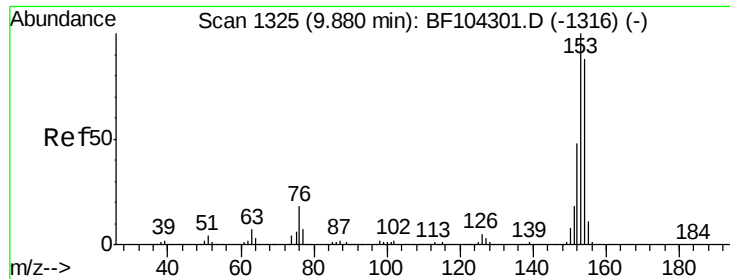
Sohil
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#50
2,6-Dinitrotoluene
Concen: 48.366 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BF104440.D
Acq: 11 Apr 2018 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	166593		
63	49.4		44.7	67.1
89	51.7		44.0	66.0





#51

Acenaphthene

Concen: 37.899 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

Instrument :

BNA_F

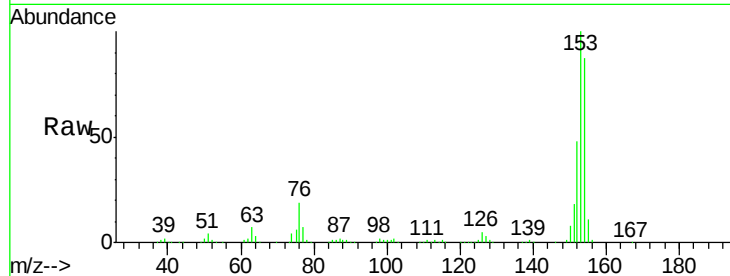
ClientSampleId :

PB108147BS

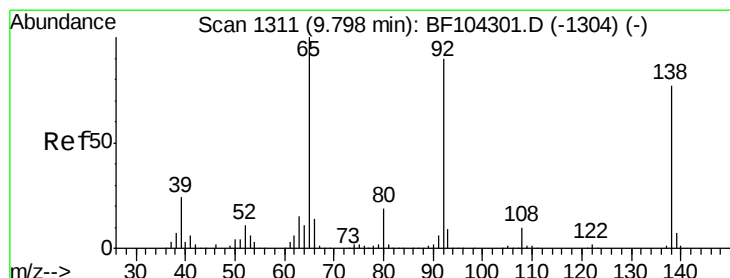
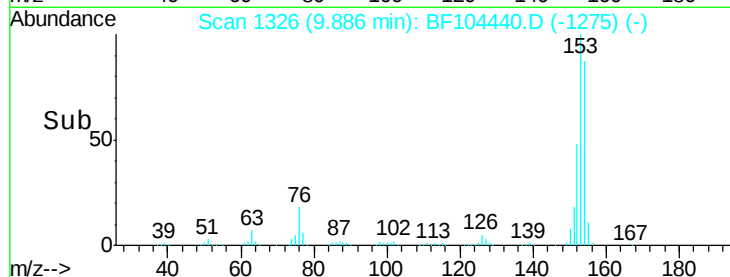
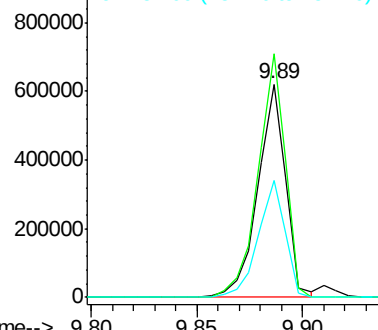
Tot Ion:	154	Resp:	568269
Ion Ratio	Lower	Upper	
154	100		
153	114.3	91.2	136.8
152	54.6	43.8	65.8

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



#52

3-Nitroaniline

Concen: 37.557 ng

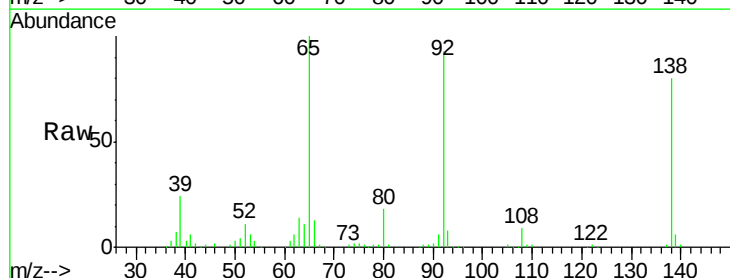
RT: 9.80 min Scan# 1312

Delta R.T. 0.00 min

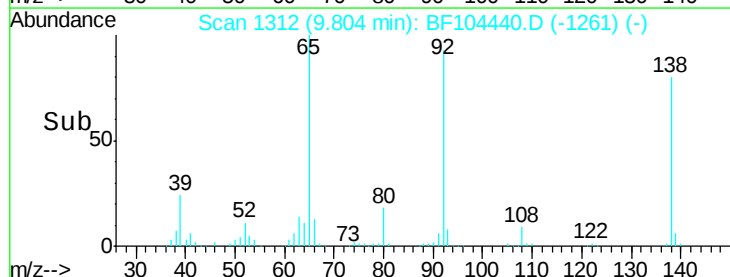
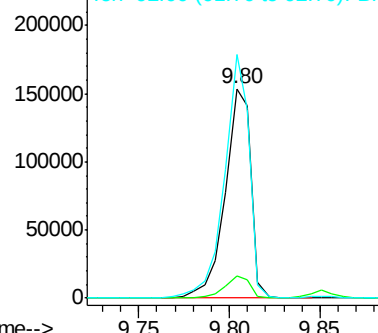
Lab File: BF104440.D

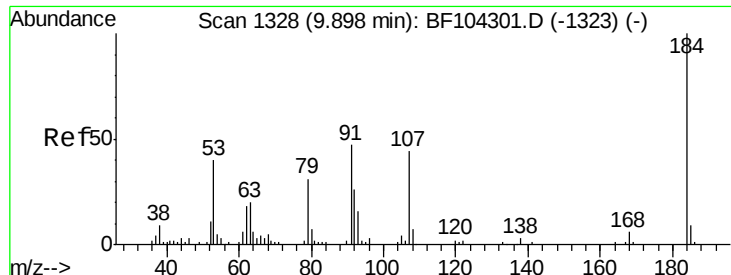
Acq: 11 Apr 2018 16:09

Tgt Ion:	138	Resp:	151444
Ion Ratio	Lower	Upper	
138	100		
108	10.9	9.4	14.0
92	116.5	89.4	134.2



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





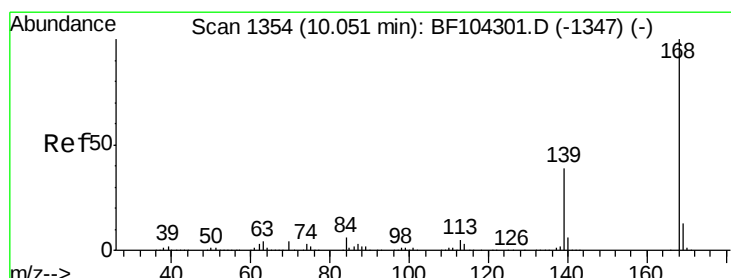
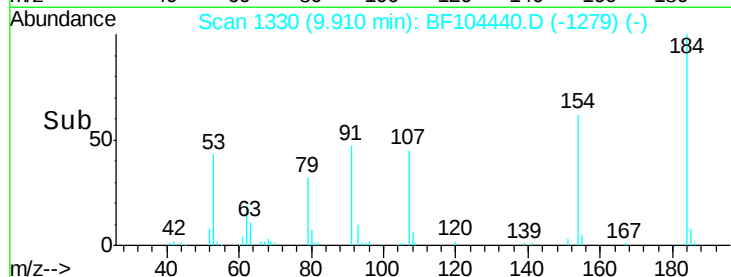
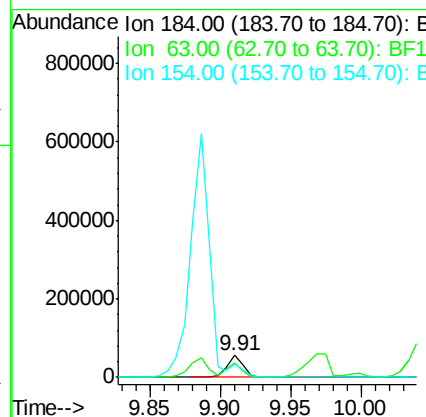
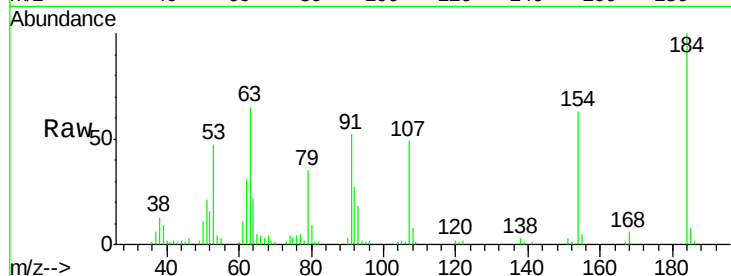
#53
 2,4-Dinitrophenol
 Concen: 43.115 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: BF104440.D
 Acq: 11 Apr 2018 16:09

Instrument :
 BNA_F
 ClientSampleId :
 PB108147BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	46793		
63	65.2	54.2	81.2	
154	62.7	184.0	276.0	

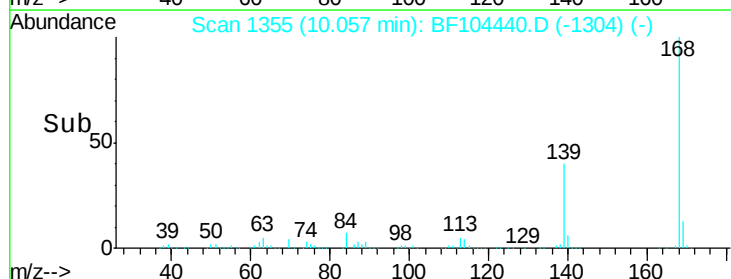
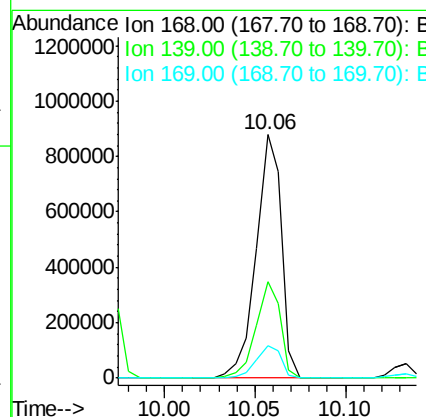
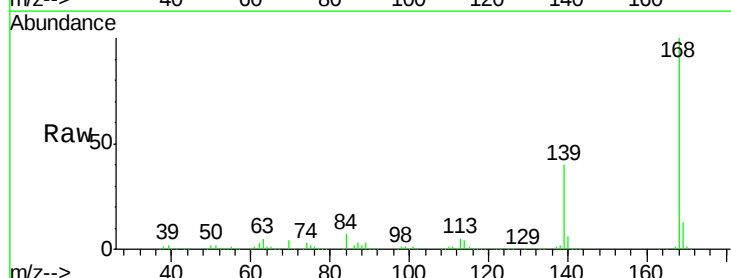
Manual Integrations
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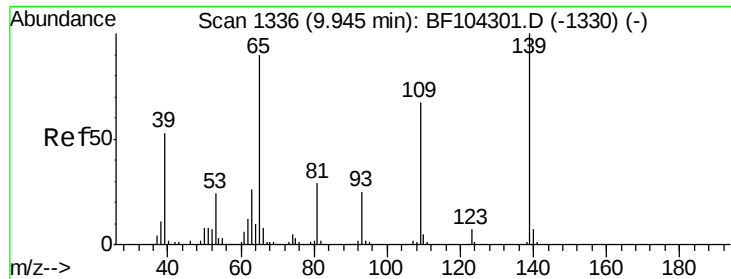
Sohil
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#54
 Dibenzofuran
 Concen: 40.652 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: BF104440.D
 Acq: 11 Apr 2018 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	849461		
139	39.8	30.1	45.1	
169	13.5	10.9	16.3	





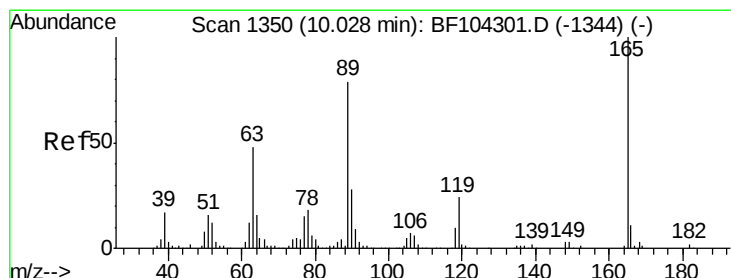
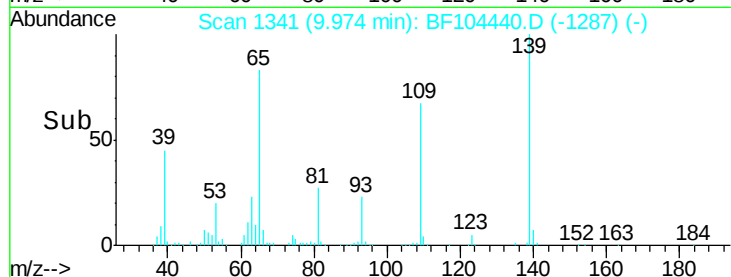
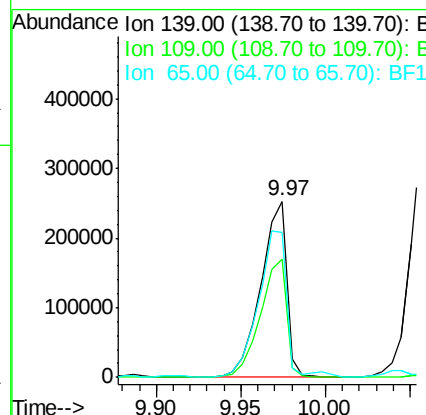
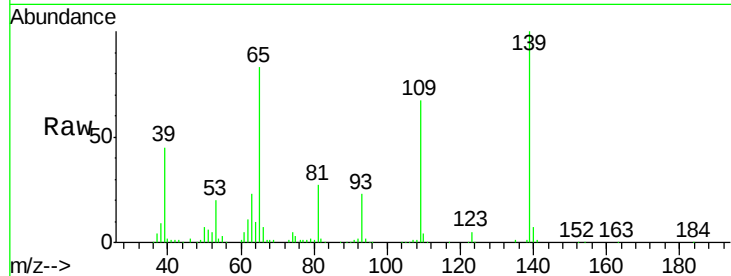
#55
4-Nitrophenol
Concen: 85.696 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.02 min
Lab File: BF104440.D
Acq: 11 Apr 2018 16:09

Instrument :
BNA_F
ClientSampleId :
PB108147BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	66.8	48.4	88.4
65	82.6	72.6	112.6

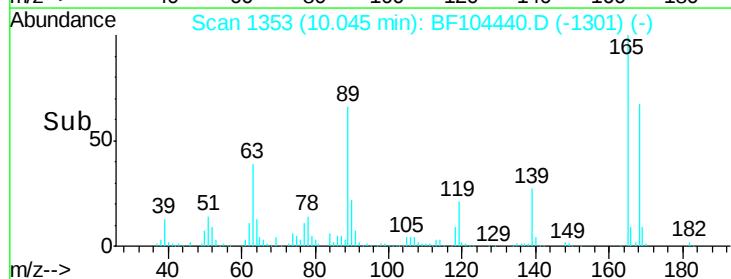
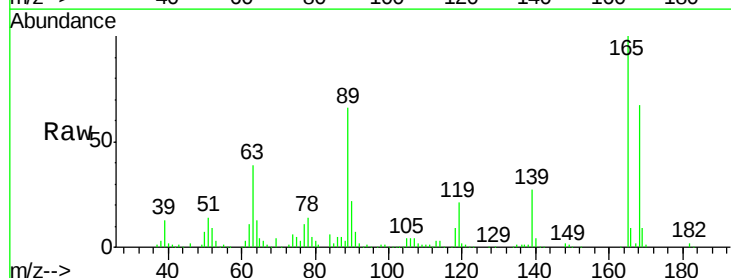
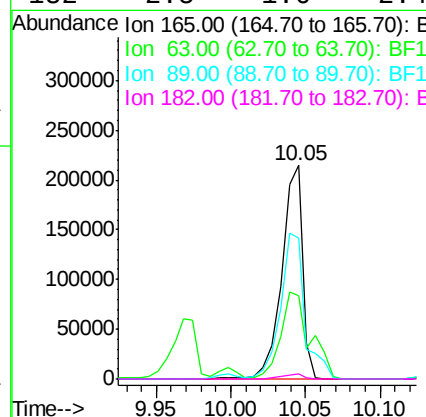
Manual Integrations
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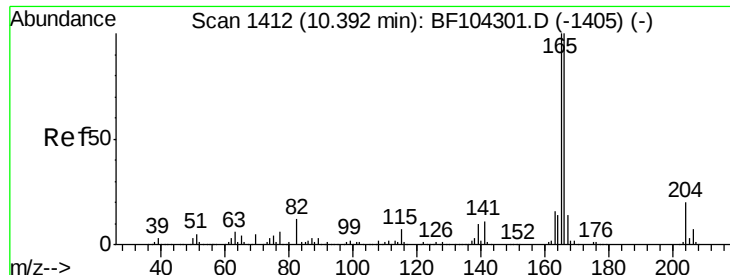
Sohil
4/12/2018 2:30:42 PM



#56
2,4-Dinitrotoluene
Concen: 46.283 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF104440.D
Acq: 11 Apr 2018 16:09

Tgt Ion	Ratio	Lower	Upper
165	100		
63	39.2	36.4	54.6
89	65.7	57.8	86.6
182	2.5	1.6	2.4#





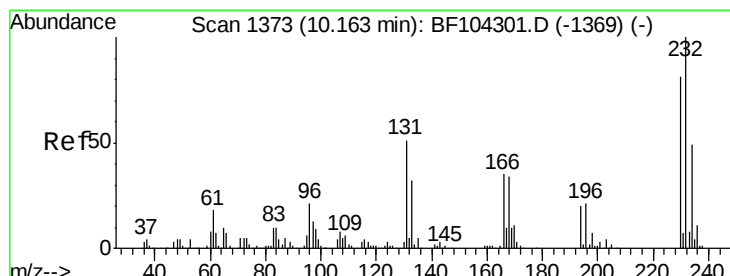
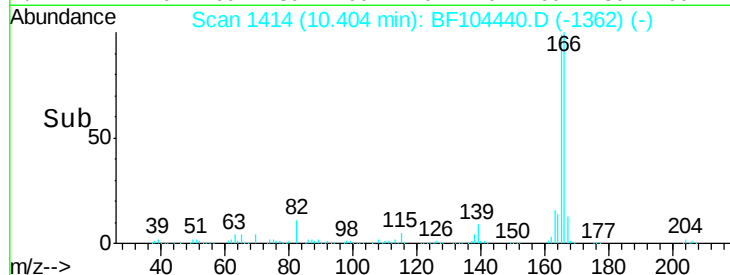
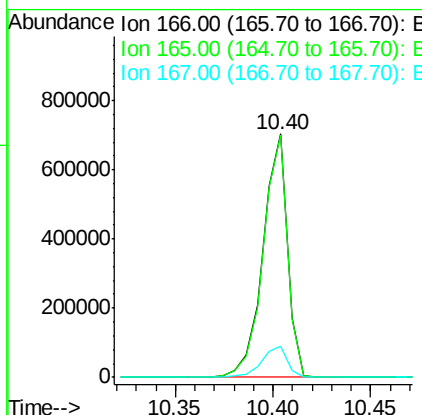
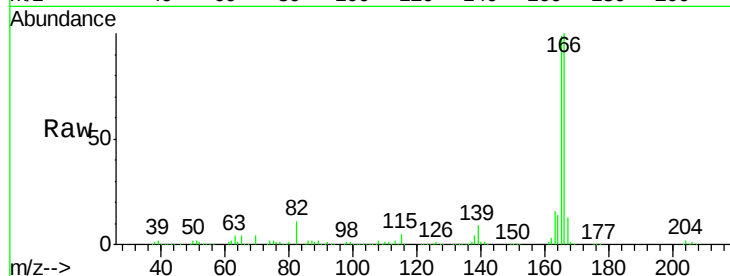
#57
Fluorene
 Concen: 40.155 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.01 min
 Lab File: BF104440.D
 Acq: 11 Apr 2018 16:09

Instrument :
 BNA_F
 ClientSampleId :
 PB108147BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	610736		
165	99.3	79.8	119.8	
167	13.0	10.6	16.0	

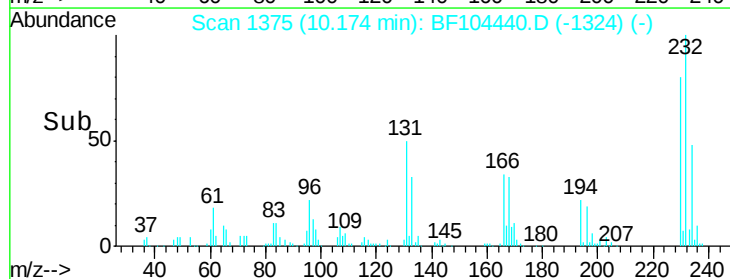
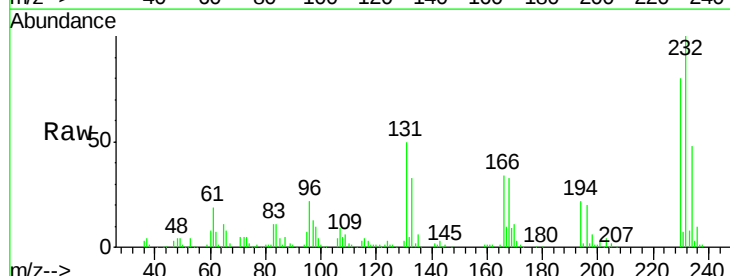
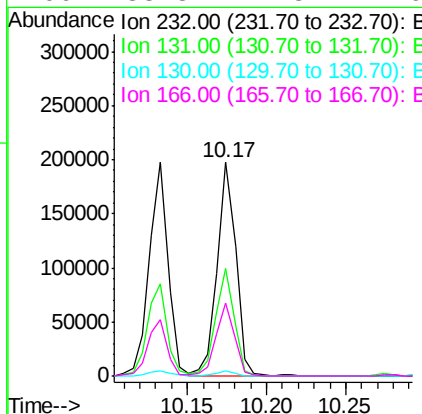
Manual Integrations
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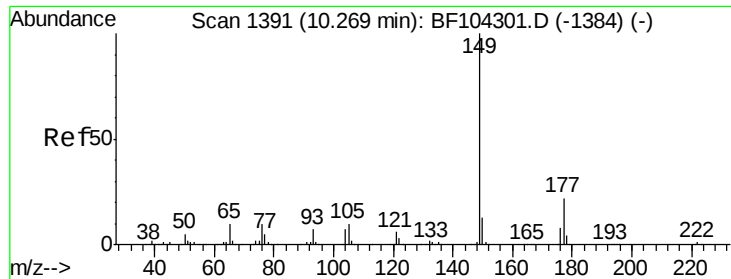
Sohil
 4/12/2018 2:30:42 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 41.411 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: BF104440.D
 Acq: 11 Apr 2018 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	162167		
131	49.9	43.8	65.8	
130	2.4	2.1	3.1	
166	33.8	27.8	41.6	





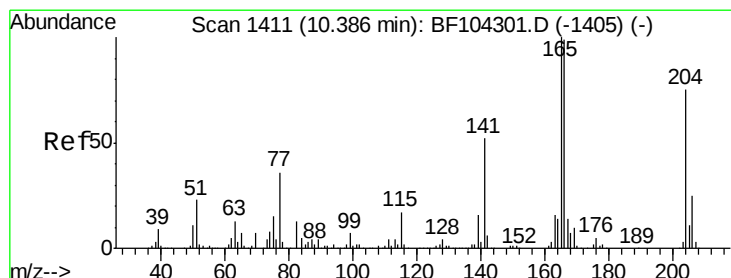
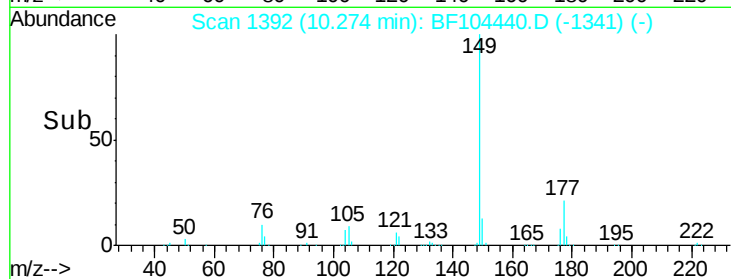
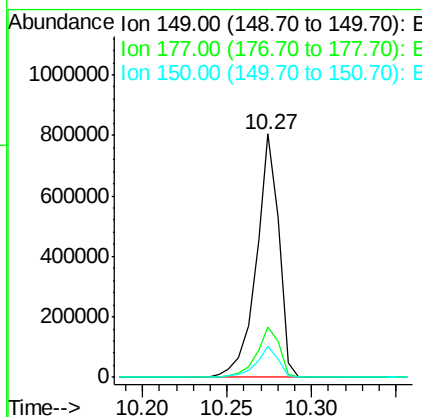
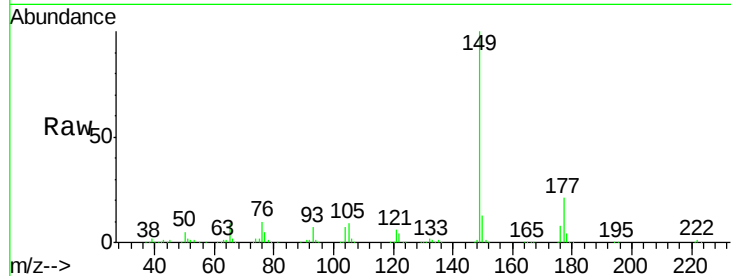
#59
Diethylphthalate
Concen: 40.264 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF104440.D
Acq: 11 Apr 2018 16:09

Instrument :
BNA_F
ClientSampled :
PB108147BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.7	16.1	24.1
150	12.6	10.1	15.1

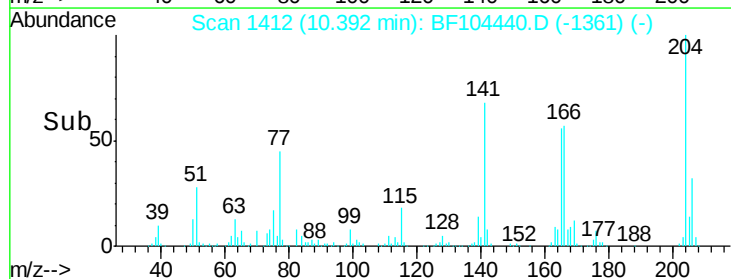
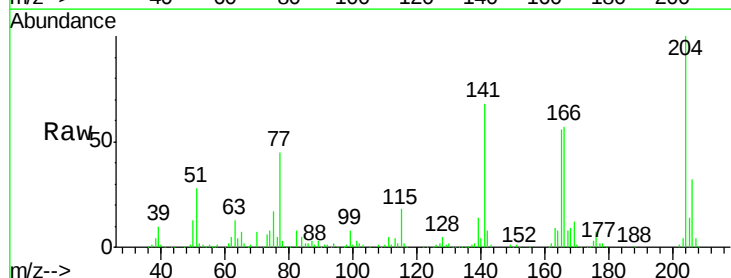
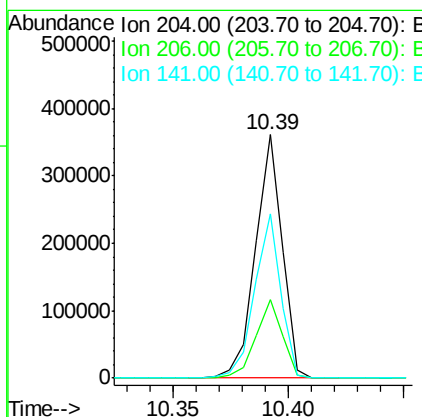
Manual Integrations
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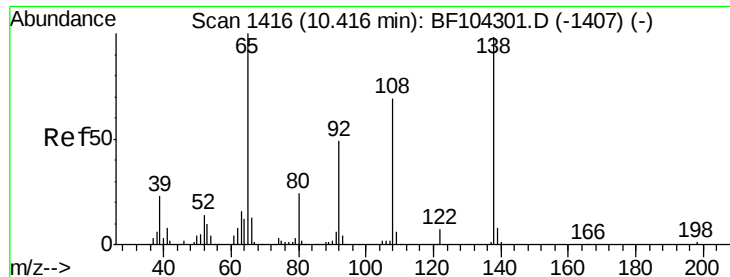
Sohil
4/12/2018 2:30:42 PM



#60
4-Chlorophenyl-phenylether
Concen: 43.085 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF104440.D
Acq: 11 Apr 2018 16:09

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.5	39.7
141	67.6	54.6	81.8





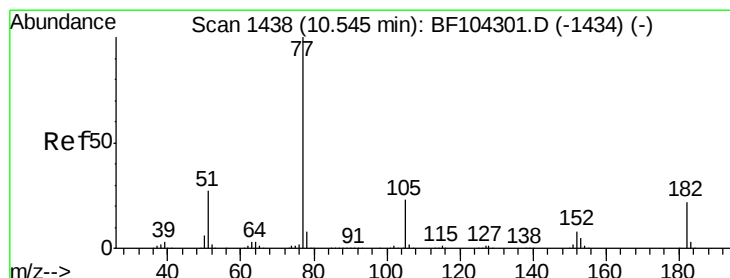
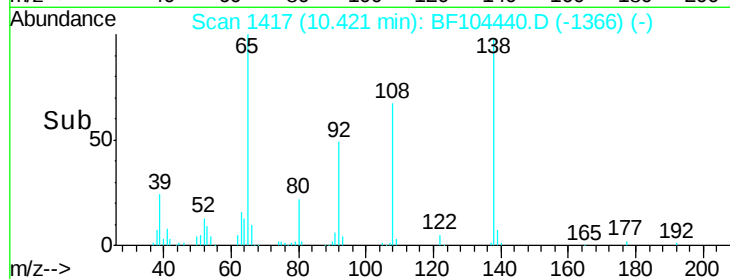
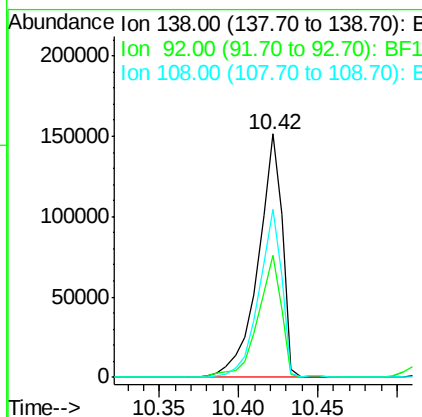
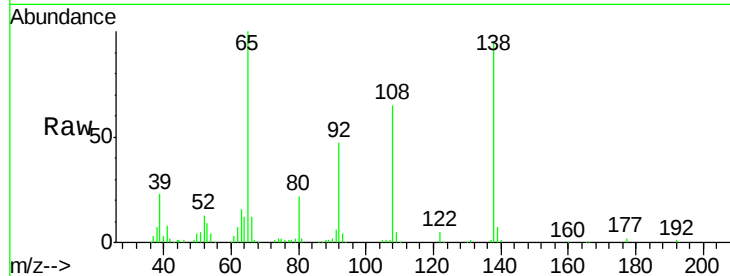
#61
4-Nitroaniline
Concen: 41.207 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF104440.D
Acq: 11 Apr 2018 16:09

Instrument :
BNA_F
ClientSampleId :
PB108147BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	162469		
92	50.1	30.2	70.2	
108	69.1	52.5	92.5	

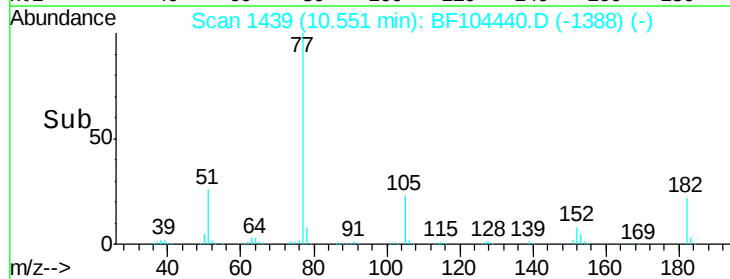
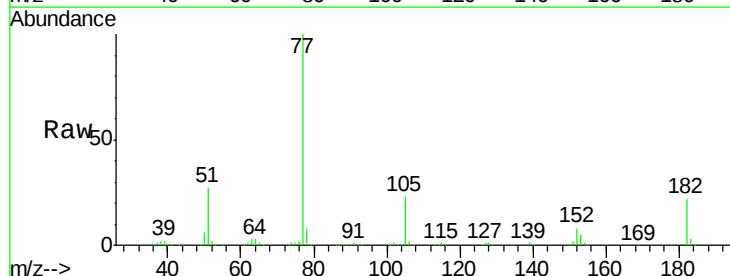
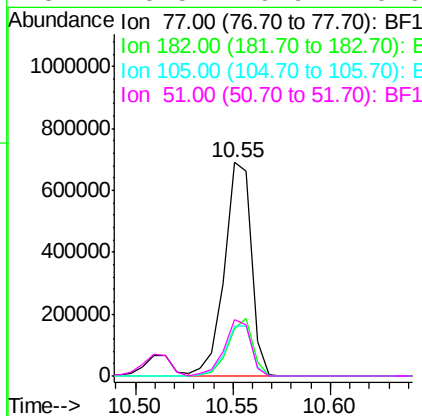
Manual Integrations
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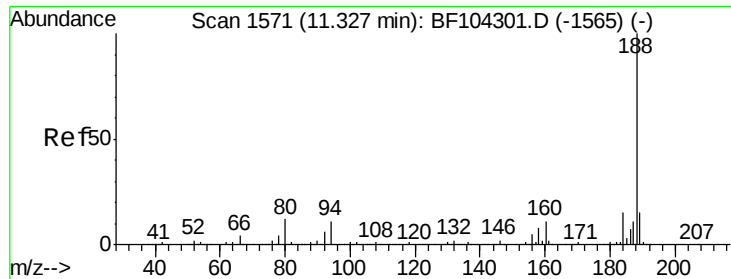
Sohil
4/12/2018 2:30:42 PM



#62
Azobenzene
Concen: 37.241 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF104440.D
Acq: 11 Apr 2018 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	659605		
182	22.2	1.7	41.7	
105	23.4	3.0	43.0	
51	26.5	9.9	49.9	





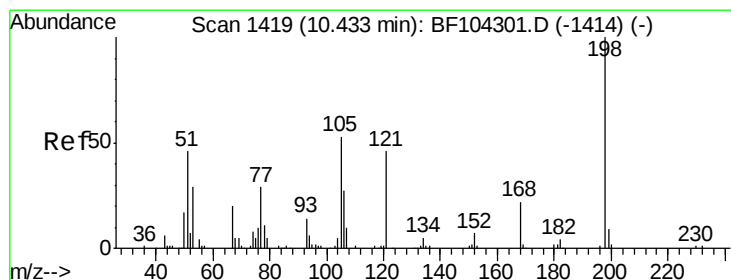
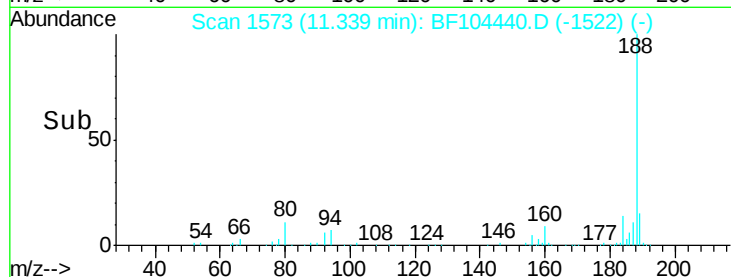
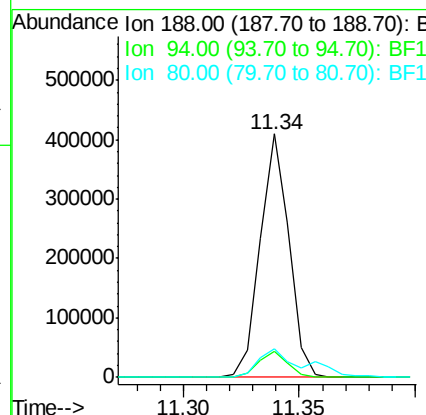
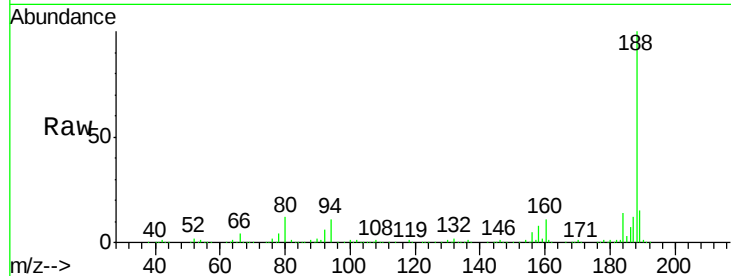
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF104440.D
Acq: 11 Apr 2018 16:09

Instrument :
BNA_F
ClientSampled :
PB108147BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	357929		
94	11.0		8.5	12.7
80	11.5		9.2	13.8

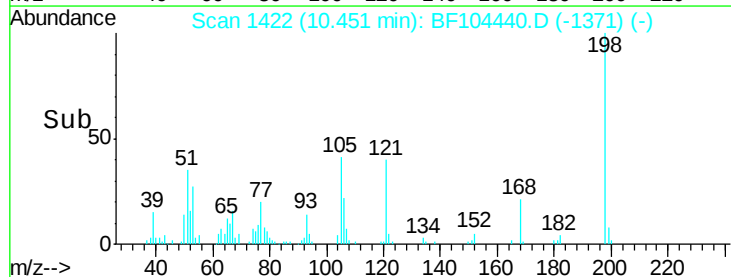
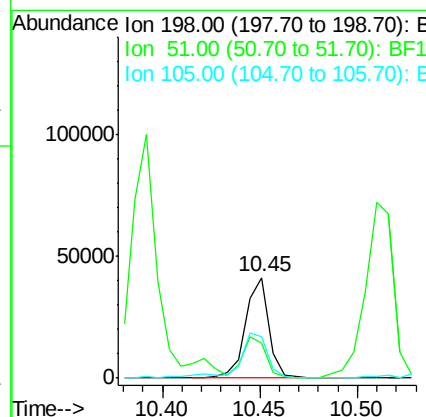
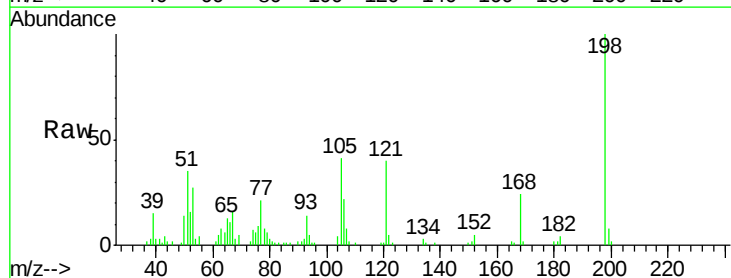
Manual Integrations
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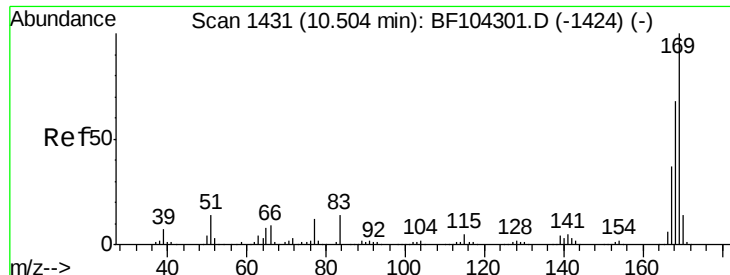
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 24.041 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF104440.D
Acq: 11 Apr 2018 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	34359		
51	34.7		37.7	77.7#
105	40.8		36.3	76.3





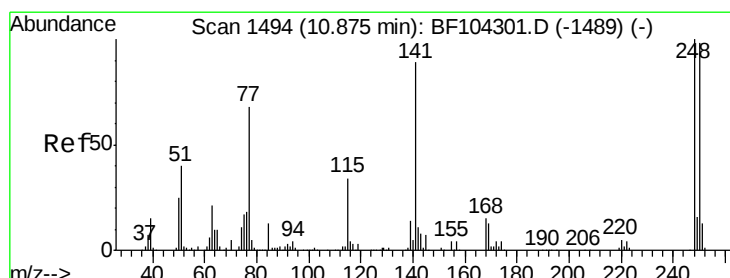
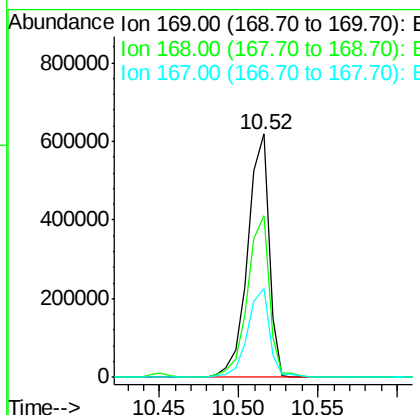
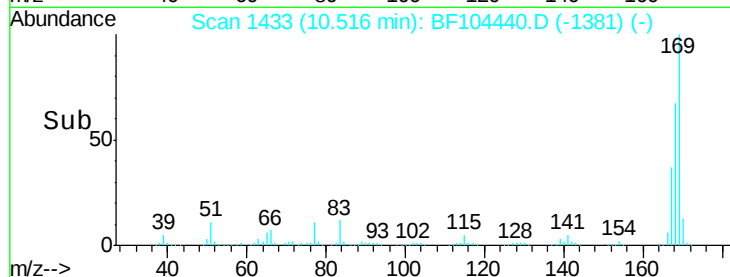
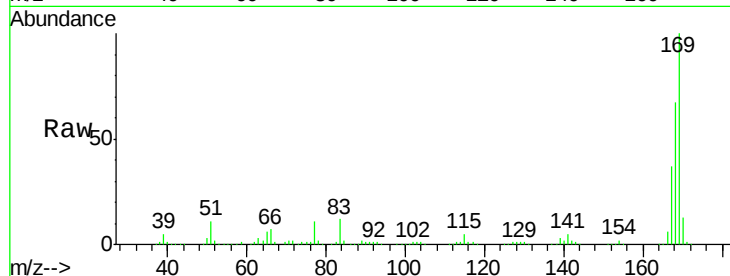
#65
n-Nitrosodiphenylamine
Concen: 46.601 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BF104440.D
Acq: 11 Apr 2018 16:09

Instrument :
BNA_F
ClientSampleId :
PB108147BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	578333		
168	66.5		54.4	81.6
167	36.7		29.8	44.6

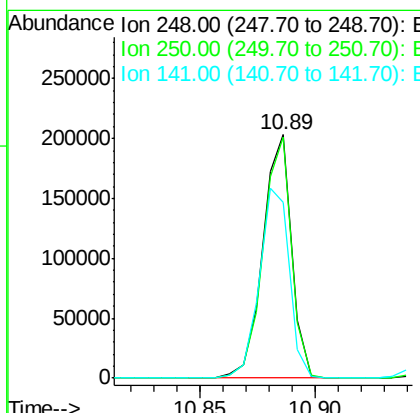
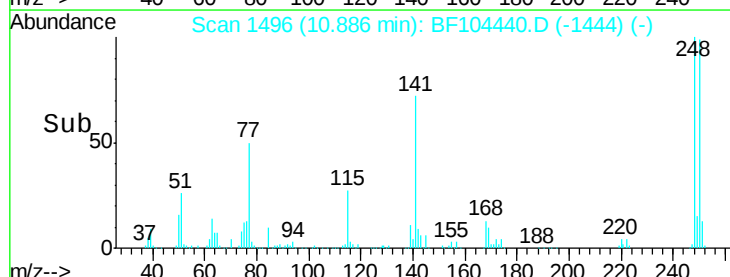
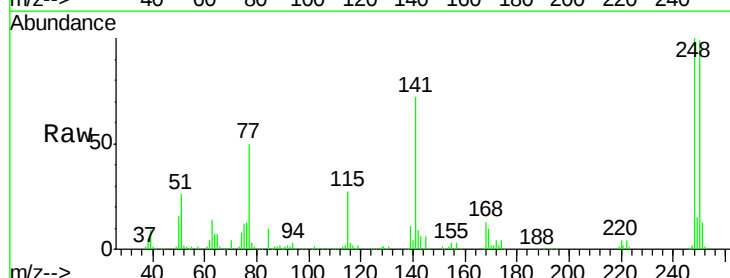
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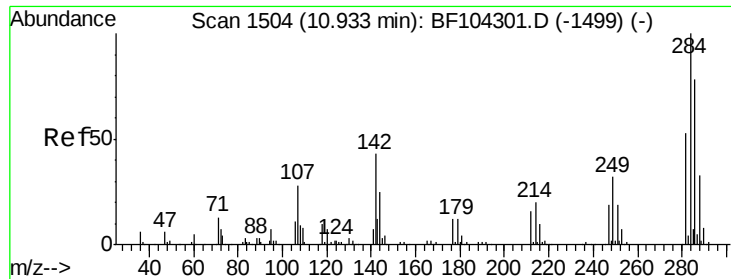
Sohil
4/12/2018 2:30:42 PM



#66
4-Bromophenyl-phenylether
Concen: 46.312 ng
RT: 10.89 min Scan# 1496
Delta R.T. 0.01 min
Lab File: BF104440.D
Acq: 11 Apr 2018 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	176320		
250	98.8		76.9	115.3
141	72.2		74.4	111.6#





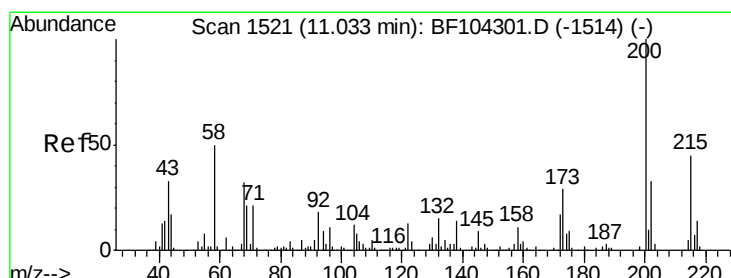
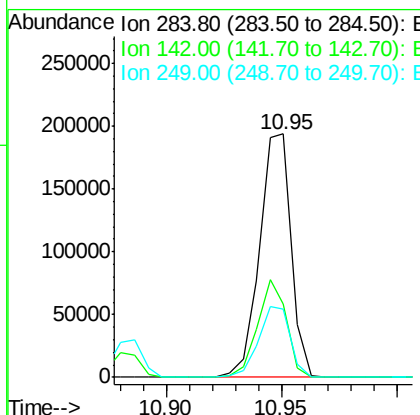
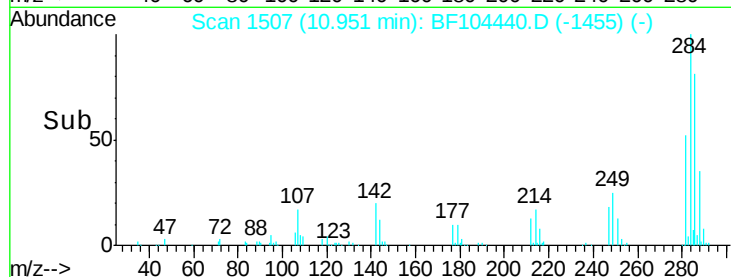
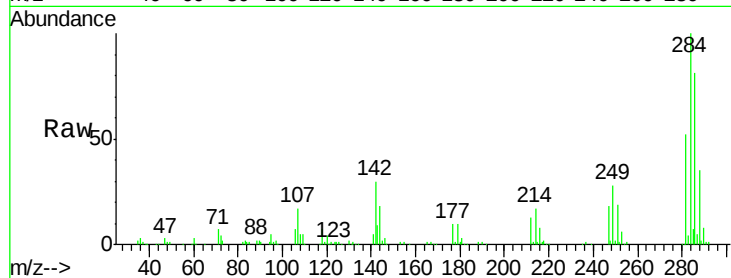
#67
Hexachlorobenzene
Concen: 43.207 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.01 min
Lab File: BF104440.D
Acq: 11 Apr 2018 16:09

Instrument :
BNA_F
ClientSampleId :
PB108147BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	185094		
142	29.9	34.6	52.0	
249	28.3	24.8	37.2	

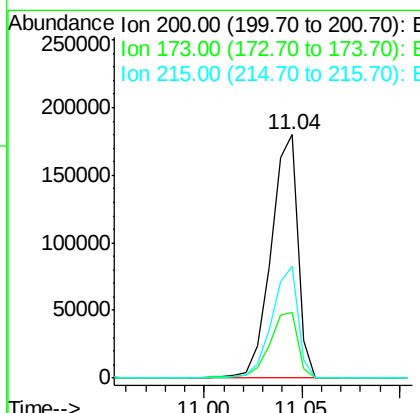
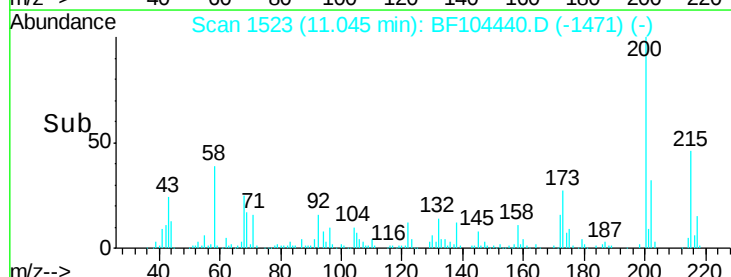
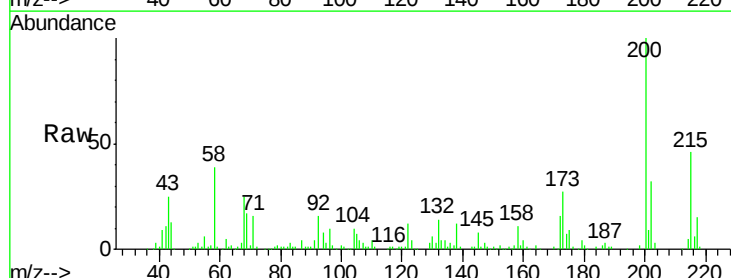
Manual Integrations
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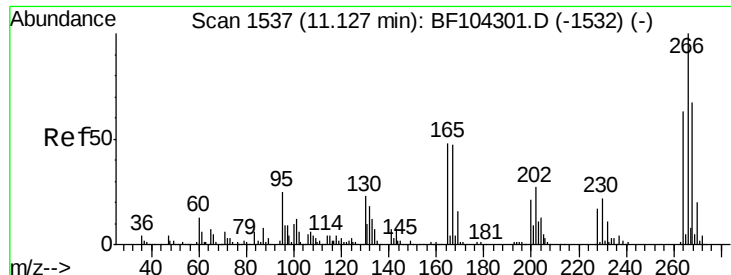
Sohil
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#68
Atrazine
Concen: 45.766 ng
RT: 11.04 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BF104440.D
Acq: 11 Apr 2018 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	171439		
173	27.1	8.6	48.6	
215	45.9	25.1	65.1	





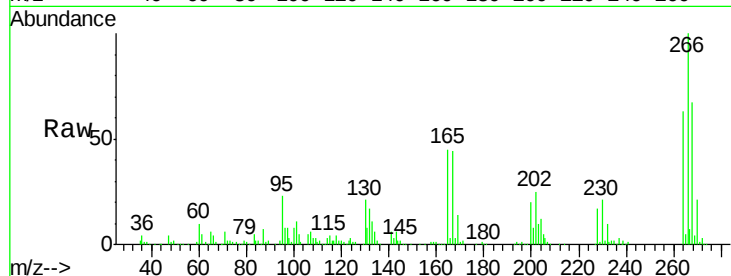
#69
 Pentachlorophenol
 Concen: 71.437 ng
 RT: 11.14 min Scan# 1540
 Delta R.T. 0.01 min
 Lab File: BF104440.D
 Acq: 11 Apr 2018 16:09

Instrument :
 BNA_F
 ClientSampled :
 PB108147BS

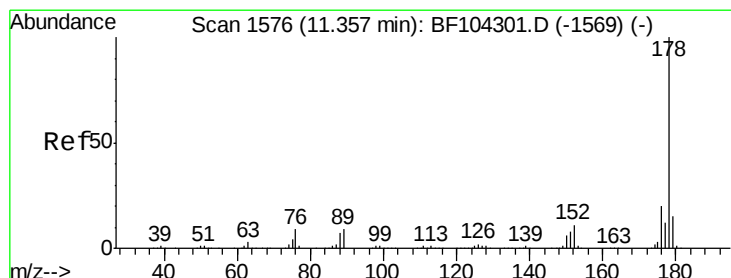
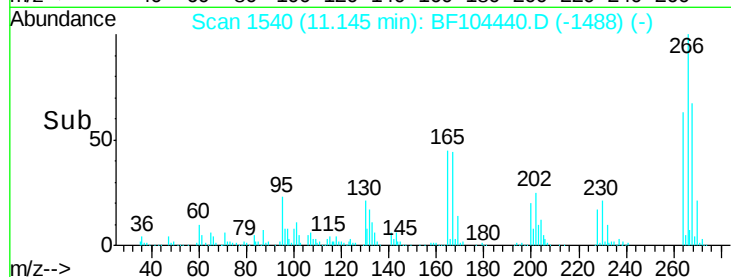
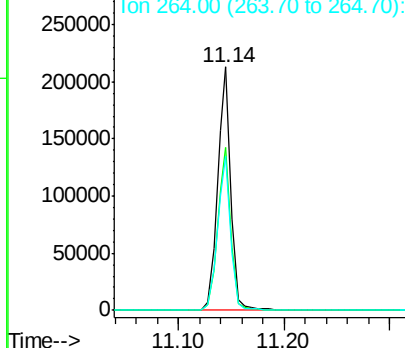
Tot Ion	Ratio	Lower	Upper
266	100		
268	66.7	51.1	76.7
264	63.1	49.5	74.3

Manual Integrations
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 4/12/2018 2:30:42 PM

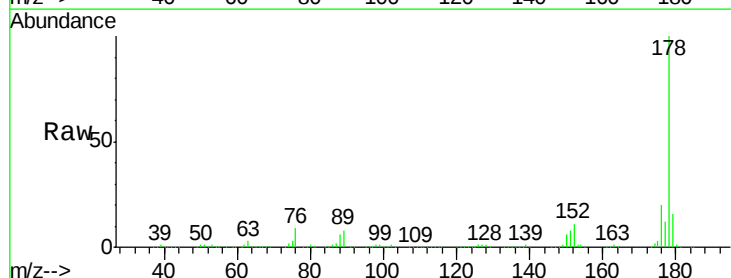


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

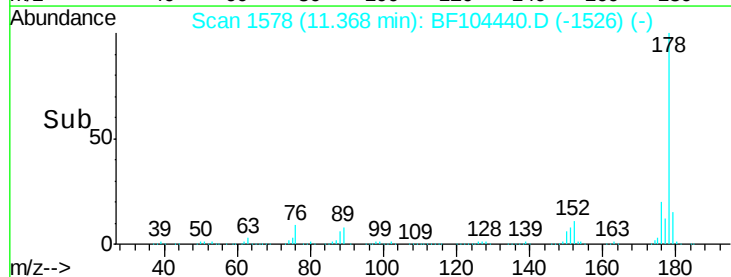
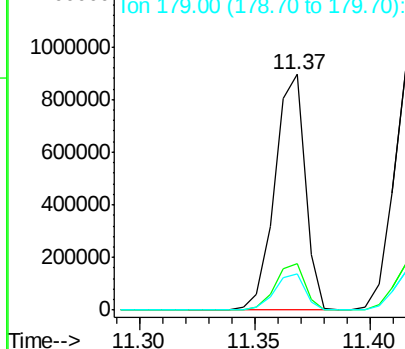


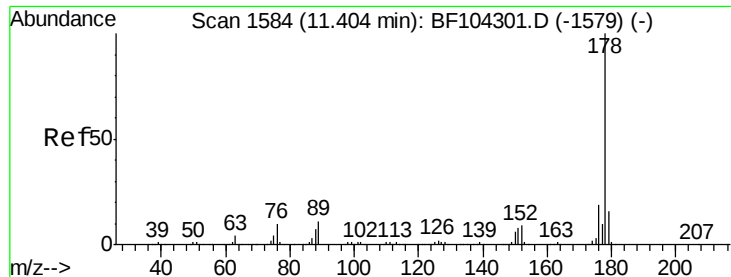
#70
 Phenanthrene
 Concen: 40.845 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. 0.01 min
 Lab File: BF104440.D
 Acq: 11 Apr 2018 16:09

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.7	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





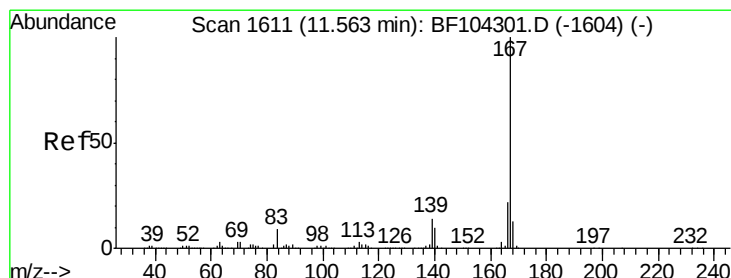
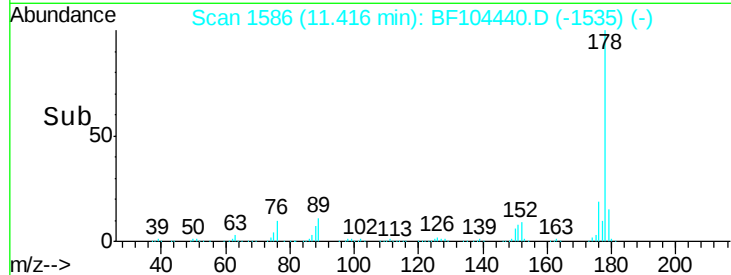
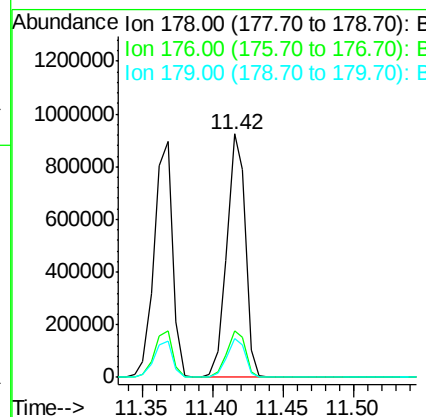
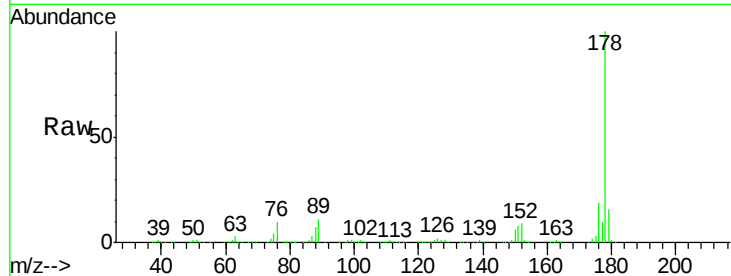
#71
 Anthracene
 Concen: 41.594 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: BF104440.D
 Acq: 11 Apr 2018 16:09

Instrument :
 BNA_F
 ClientSampleId :
 PB108147BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.8	12.6	19.0

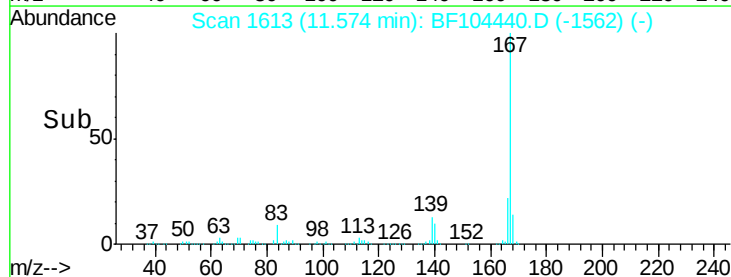
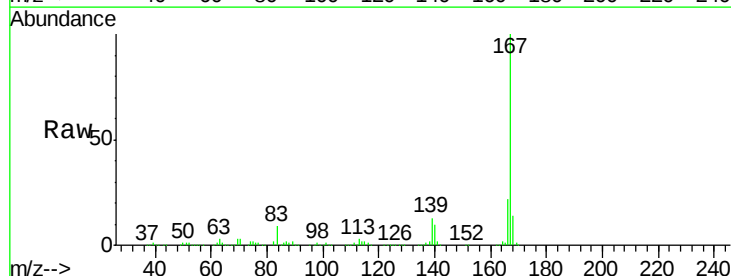
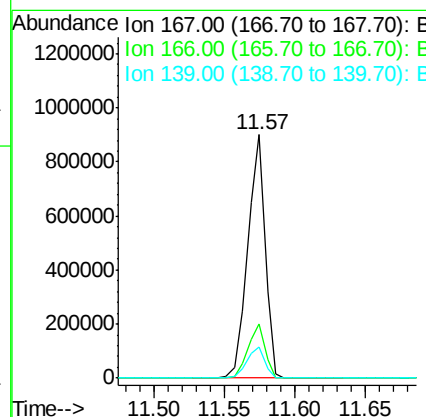
Manual Integrations
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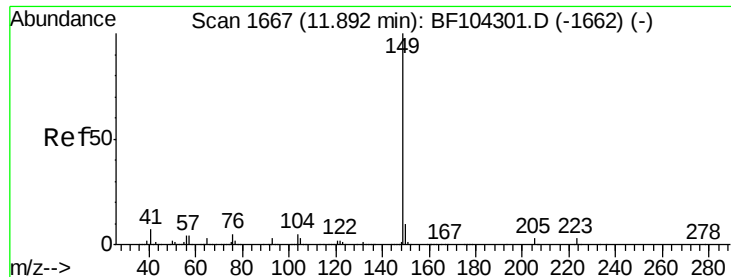
Sohil
 4/12/2018 2:30:42 PM



#72
 Carbazole
 Concen: 38.952 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.00 min
 Lab File: BF104440.D
 Acq: 11 Apr 2018 16:09

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.6	26.4
139	13.0	10.9	16.3





#73

Di-n-butylphthalate

Concen: 42.198 ng

RT: 11.90 min Scan# 1669

Delta R.T. 0.01 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

Instrument :

BNA_F

ClientSampleId :

PB108147BS

Tot Ion:149 Resp: 1020612

Ion Ratio Lower Upper

149 100

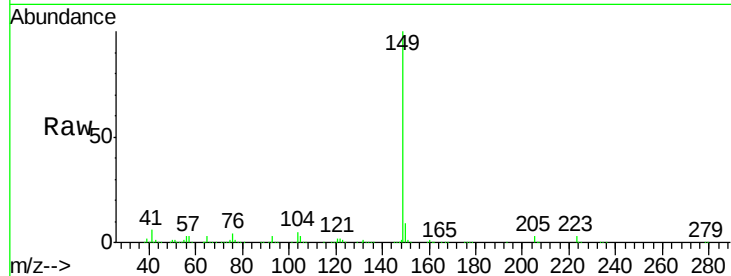
150 9.2 7.8 11.6

104 4.7 3.8 5.8

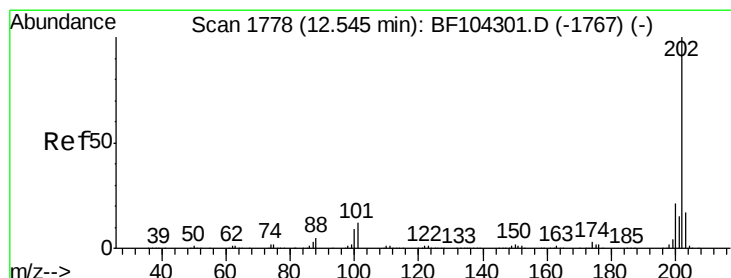
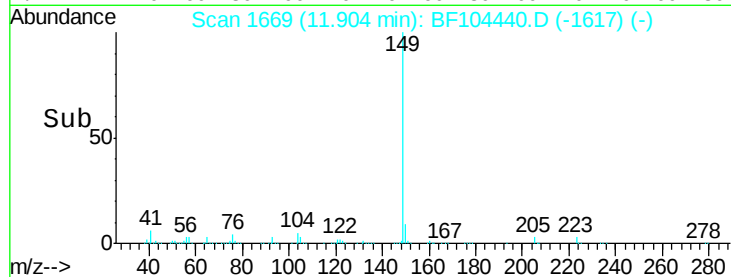
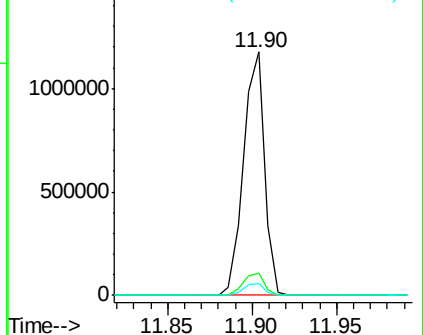
Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.021 ng

RT: 12.56 min Scan# 1780

Delta R.T. 0.00 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

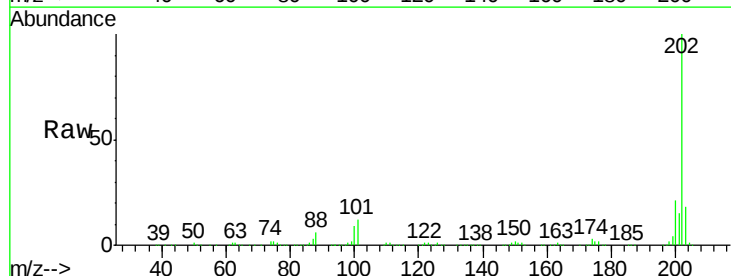
Tgt Ion:202 Resp: 791817

Ion Ratio Lower Upper

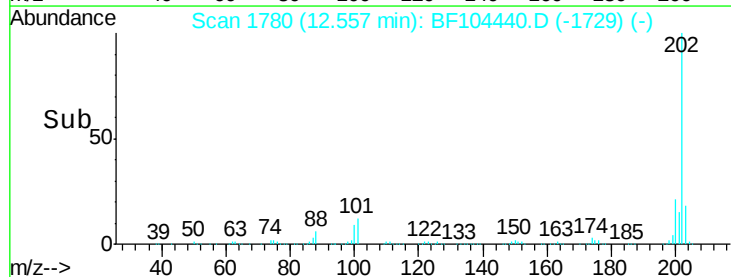
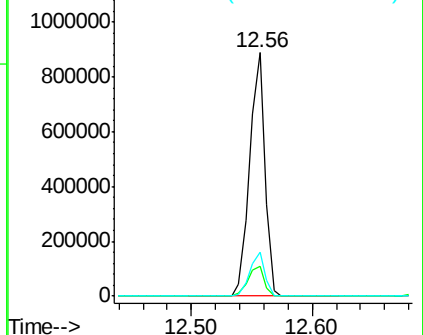
202 100

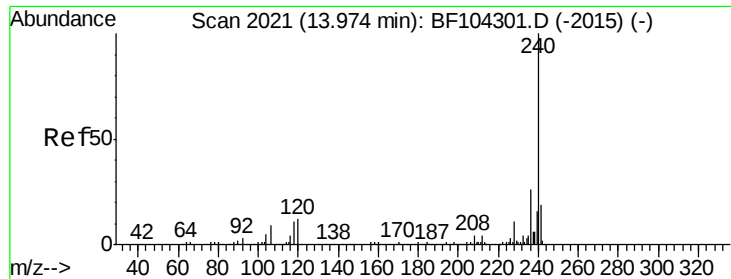
101 12.3 0.0 34.1

203 17.8 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# 2023

Delta R.T. 0.00 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

Instrument :

BNA_F

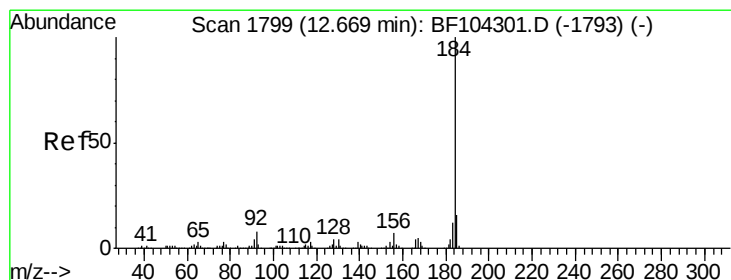
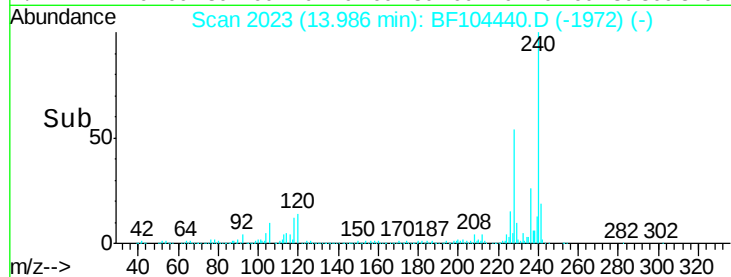
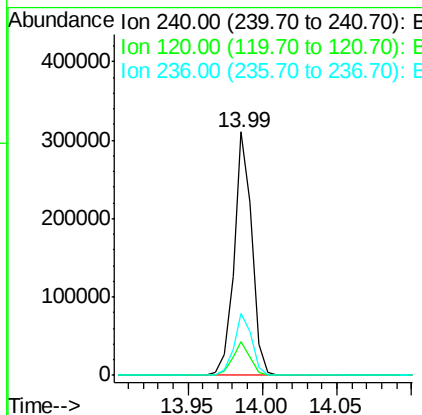
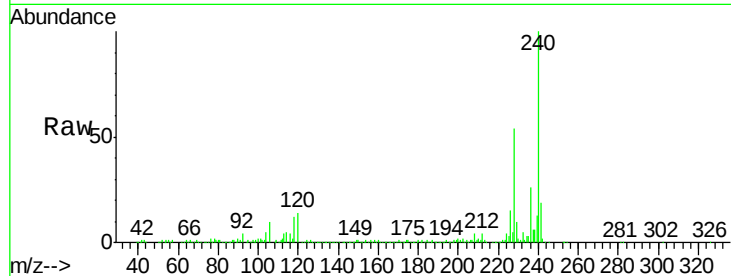
ClientSampleId :

PB108147BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.8	9.5	14.3
236	25.6	20.7	31.1

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#76

Benzidine

Concen: Below Cal

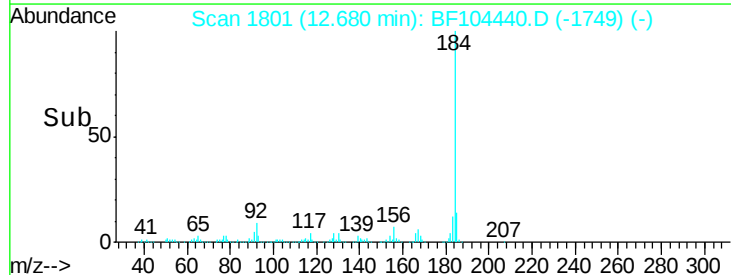
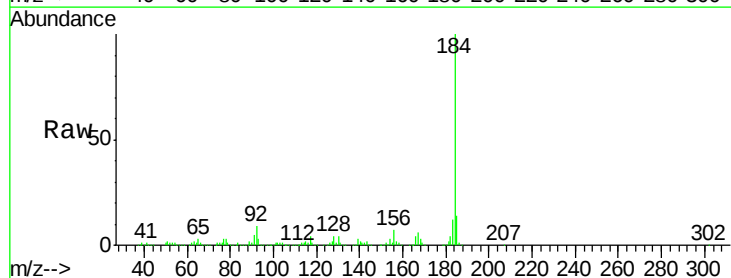
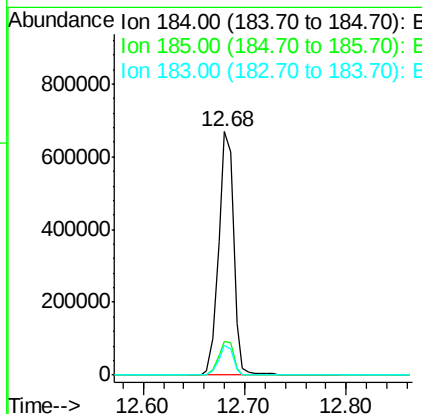
RT: 12.68 min Scan# 1801

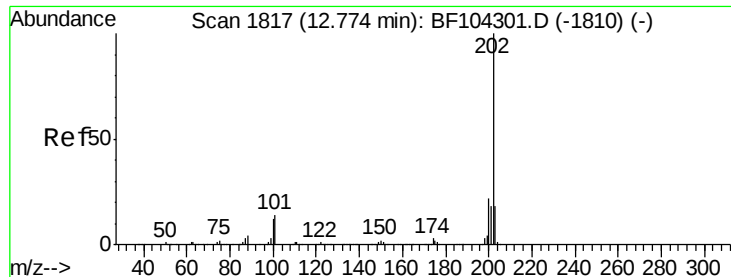
Delta R.T. 0.01 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.1	12.6	18.8
183	12.0	9.3	13.9





#77

Pvrene

Concen: 40.908 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.00 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

Instrument :

BNA_F

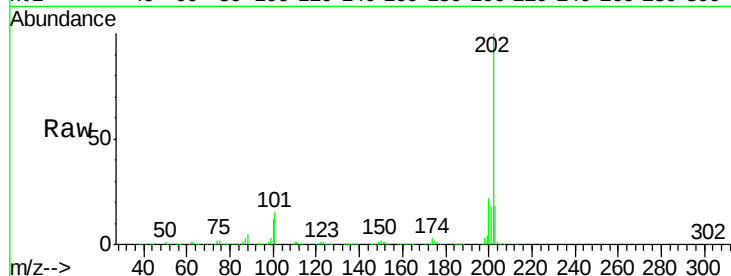
ClientSampleId :

PB108147BS

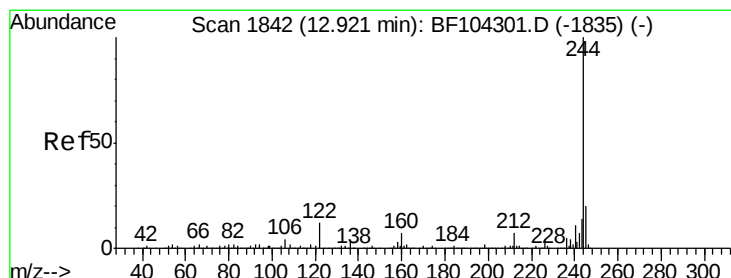
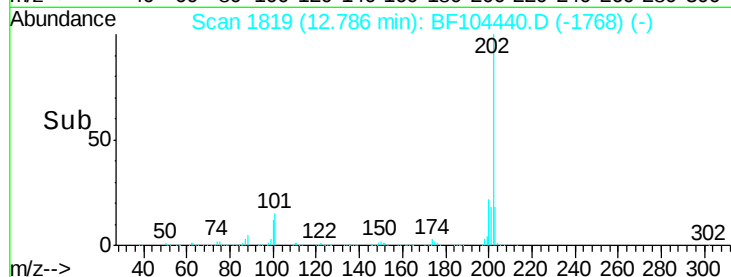
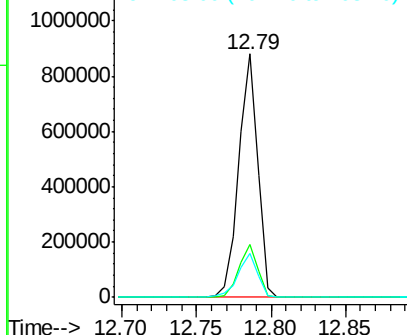
Tot Ion:	202	Resp:	786230
Ion Ratio		Lower	Upper
202	100		
200	21.9	17.4	26.2
203	17.8	14.3	21.5

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 91.100 ng

RT: 12.93 min Scan# 1843

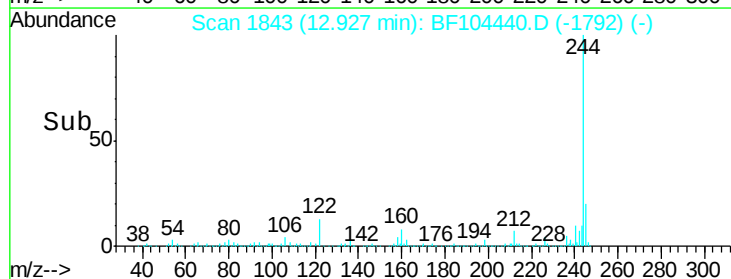
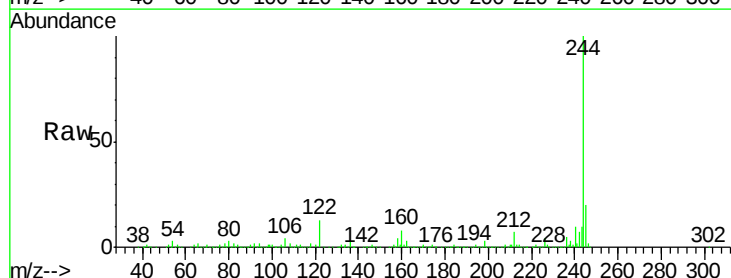
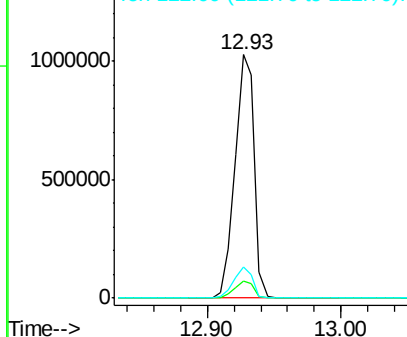
Delta R.T. 0.00 min

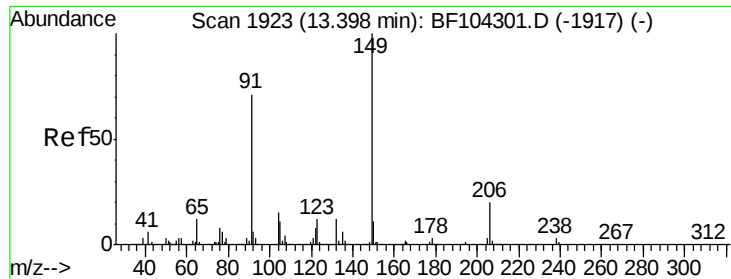
Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

Tgt Ion:	244	Resp:	1036107
Ion Ratio		Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.7	11.0	16.4

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 42.785 ng

RT: 13.40 min Scan# 1924

Delta R.T. 0.00 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

Instrument :

BNA_F

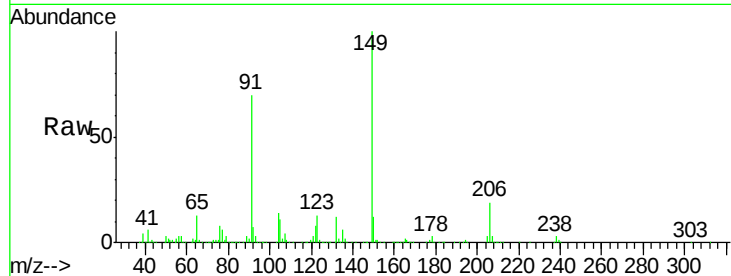
ClientSampleId :

PB108147BS

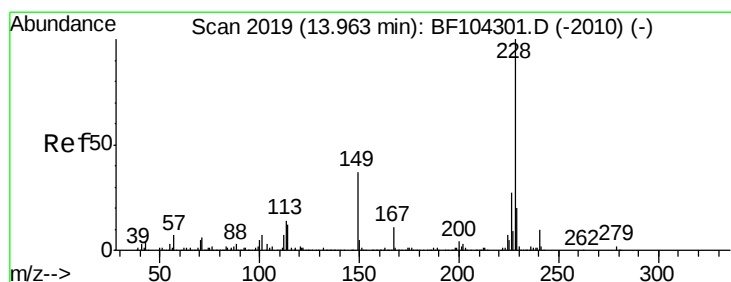
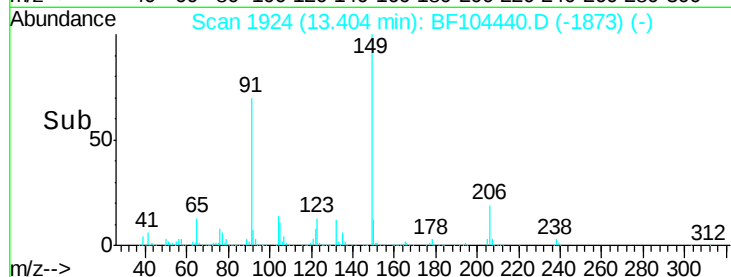
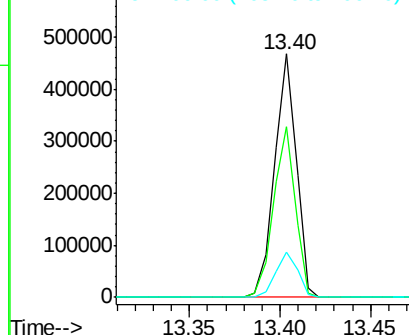
Tot Ion:	149	Resp:	387401
Ion Ratio	Lower	Upper	
149	100		
91	70.3	56.8	85.2
206	18.6	14.1	21.1

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



#80

Benzo(a)anthracene

Concen: 43.417 ng

RT: 13.97 min Scan# 2021

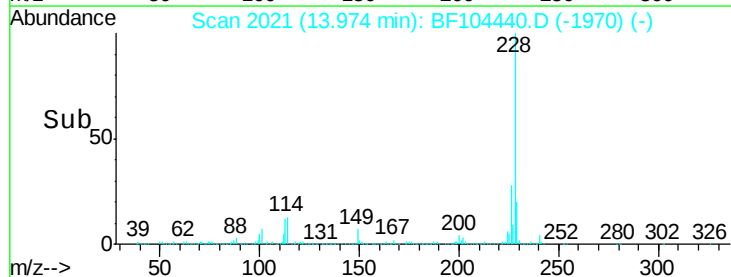
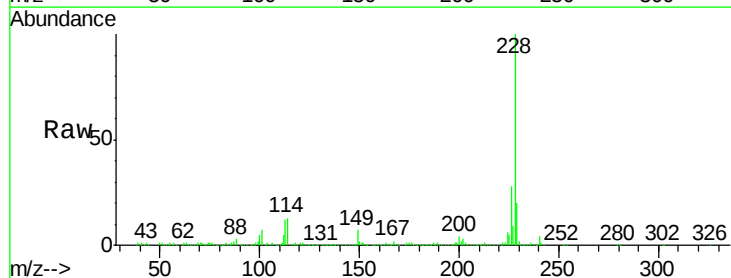
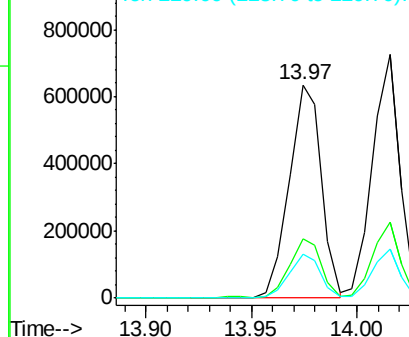
Delta R.T. 0.00 min

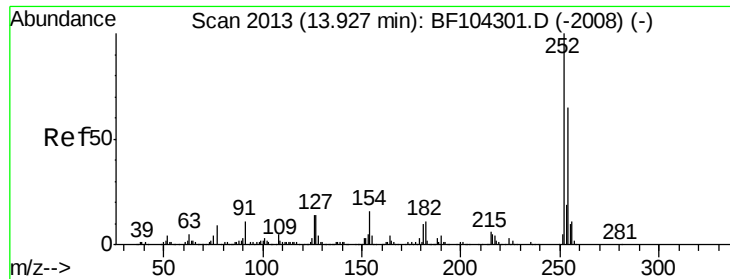
Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

Tgt Ion:	228	Resp:	672551
Ion Ratio	Lower	Upper	
228	100		
226	27.6	22.6	33.8
229	20.4	15.8	23.6

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





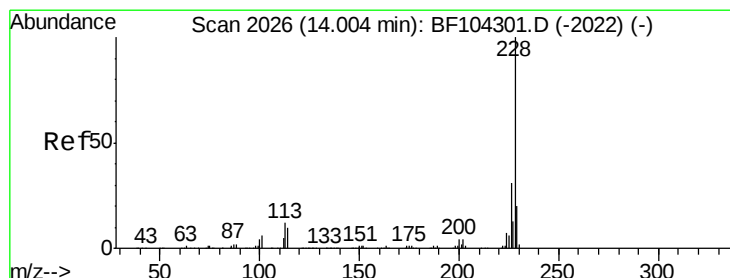
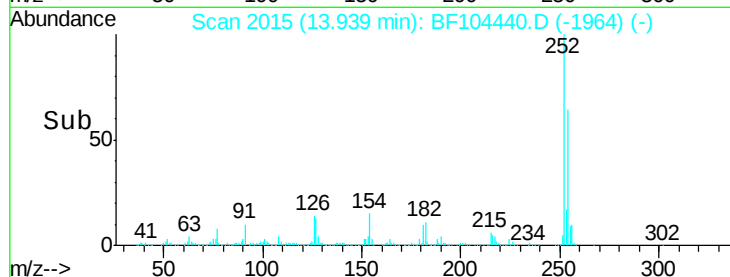
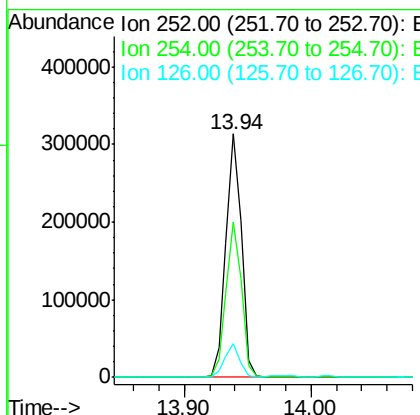
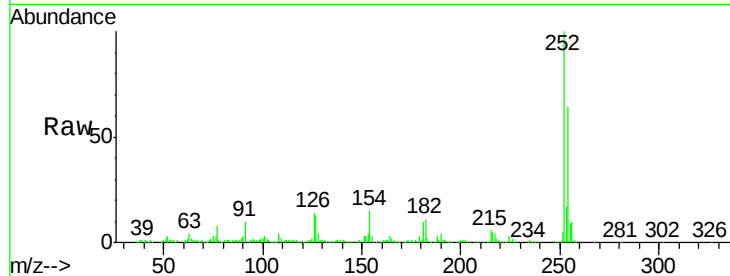
#81
 3,3'-Dichlorobenzidine
 Concen: 46.383 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. 0.00 min
 Lab File: BF104440.D
 Acq: 11 Apr 2018 16:09

Instrument :
 BNA_F
 ClientSampleId :
 PB108147BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	267895		
254	63.9		50.4	75.6
126	13.8		11.3	16.9

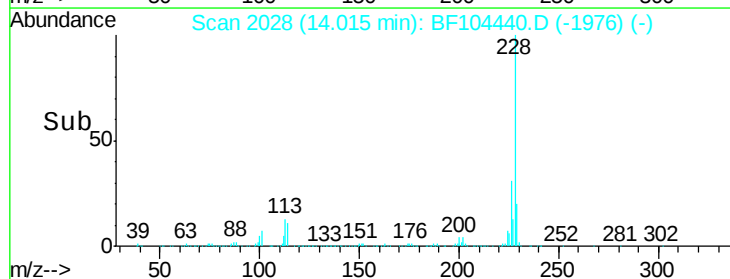
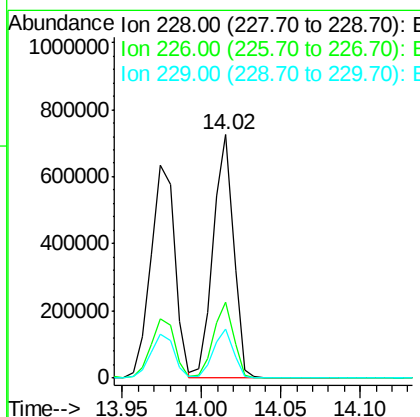
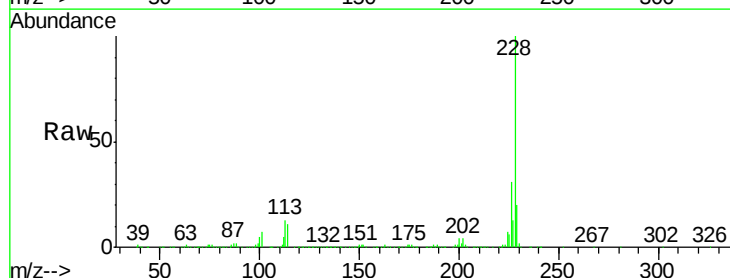
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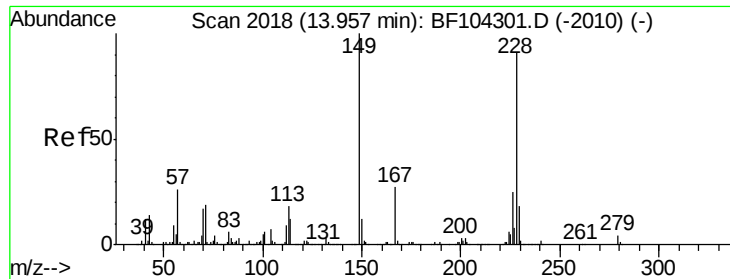
Sohil
 4/12/2018 2:30:42 PM



#82
 Chrysene
 Concen: 40.923 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.01 min
 Lab File: BF104440.D
 Acq: 11 Apr 2018 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	651131		
226	31.4		25.0	37.6
229	20.1		16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.036 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

Instrument :

BNA_F

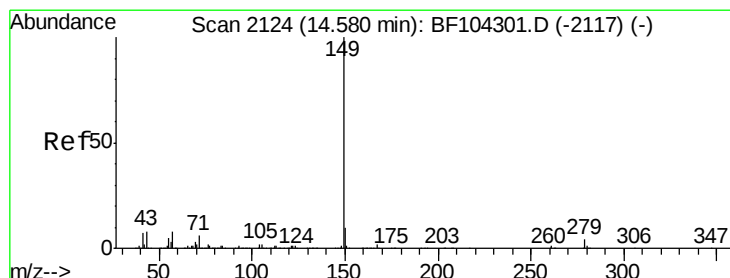
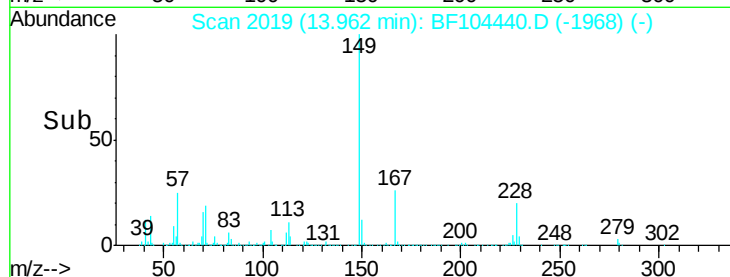
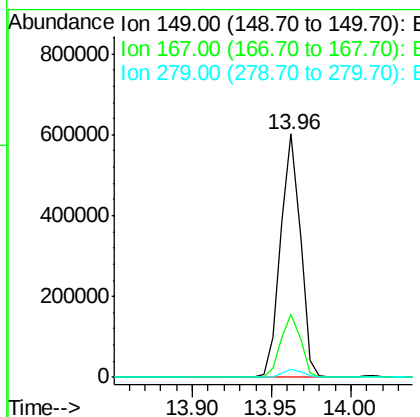
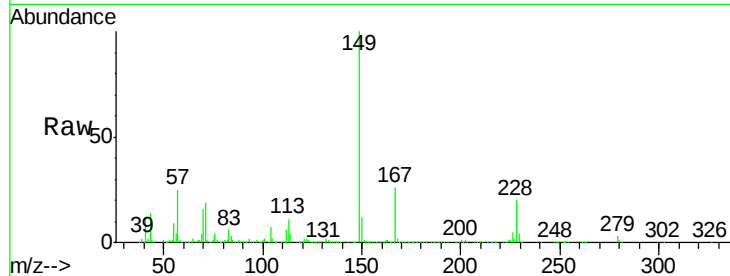
ClientSampleId :

PB108147BS

Tot Ion:	149	Resp:	524518
Ion Ratio		Lower	Upper
149	100		
167	25.9	21.3	31.9
279	3.4	3.0	4.4

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 45.213 ng

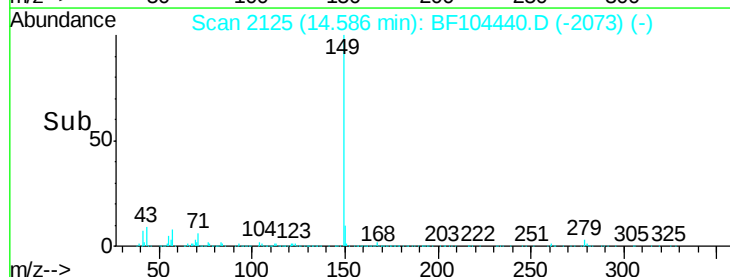
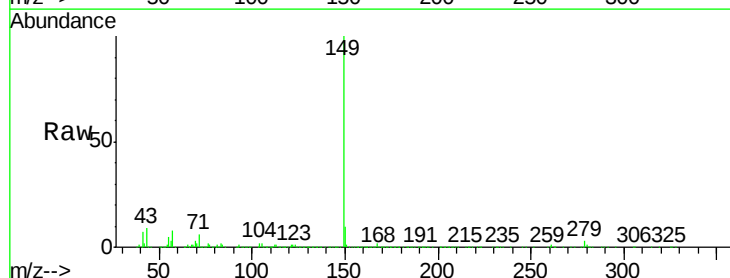
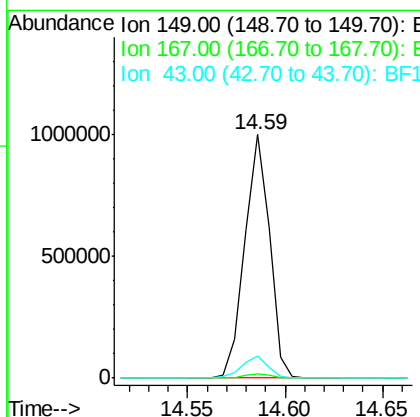
RT: 14.59 min Scan# 2125

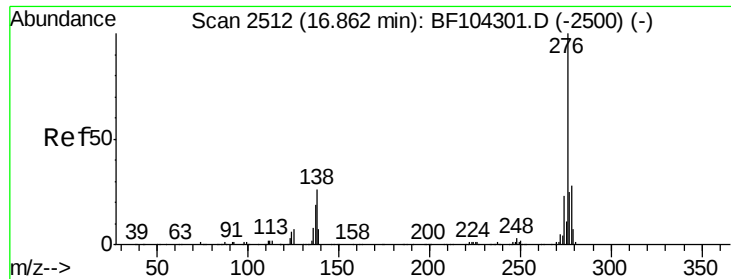
Delta R.T. 0.01 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

Tgt Ion:	149	Resp:	879862
Ion Ratio		Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.7	8.4	12.6





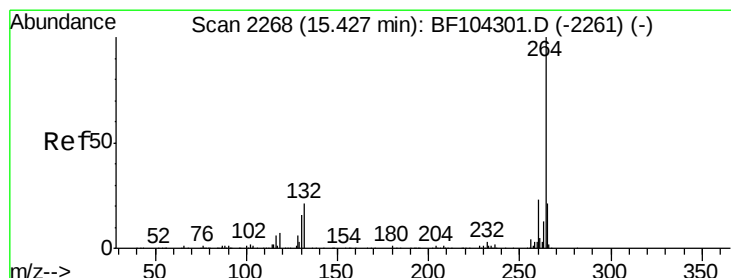
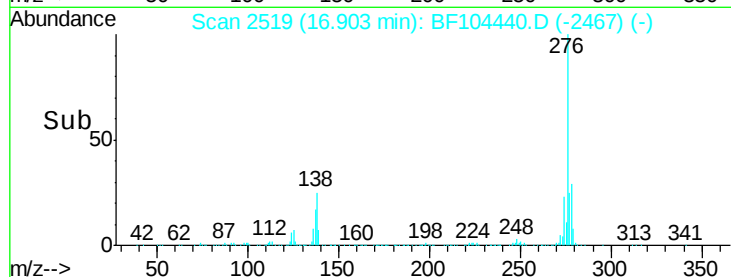
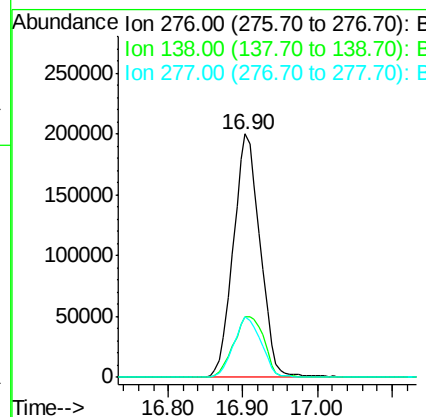
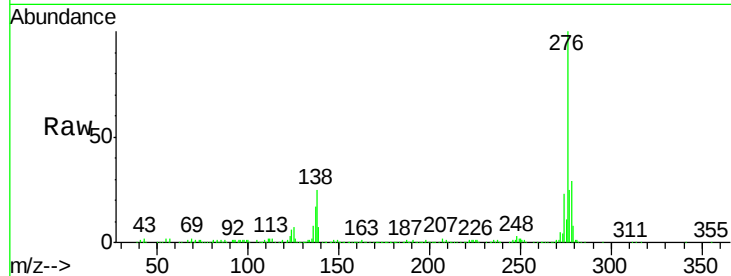
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.976 ng
 RT: 16.90 min Scan# 2519
 Delta R.T. 0.01 min
 Lab File: BF104440.D
 Acq: 11 Apr 2018 16:09

Instrument :
 BNA_F
 ClientSampleId :
 PB108147BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.9	25.0	37.6
277	25.9	20.1	30.1

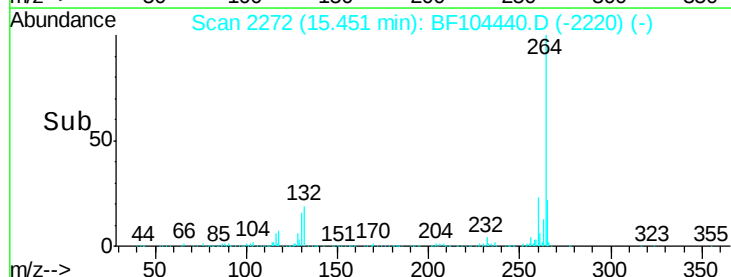
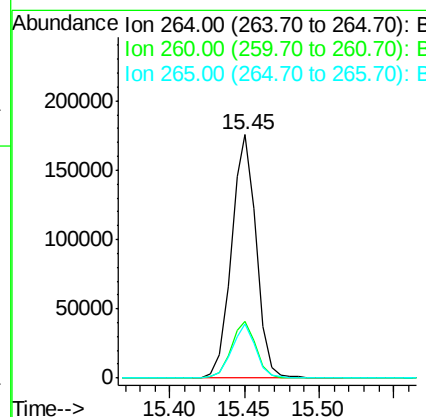
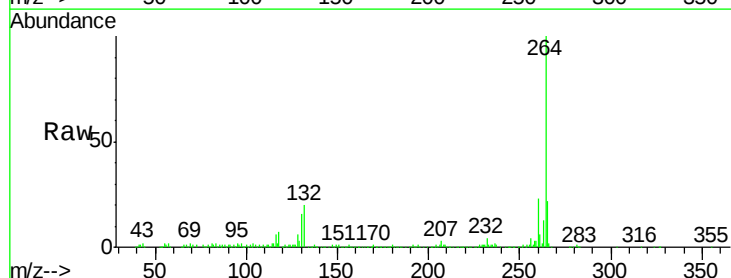
Manual Integrations
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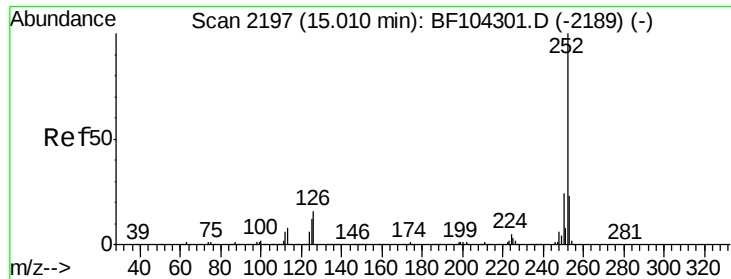
Sohil
 4/12/2018 2:30:42 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. 0.01 min
 Lab File: BF104440.D
 Acq: 11 Apr 2018 16:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.4	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 47.659 ng

RT: 15.03 min Scan# 2200

Delta R.T. 0.01 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

Instrument :

BNA_F

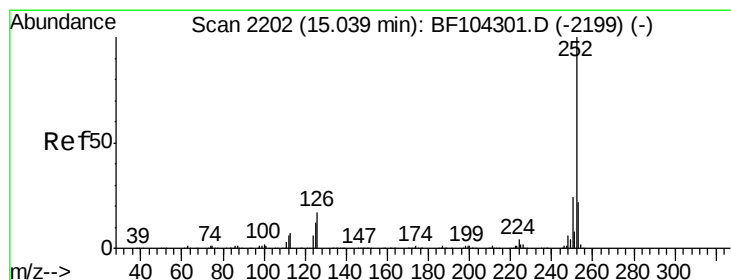
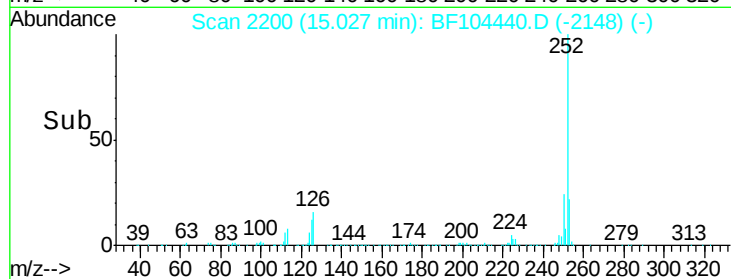
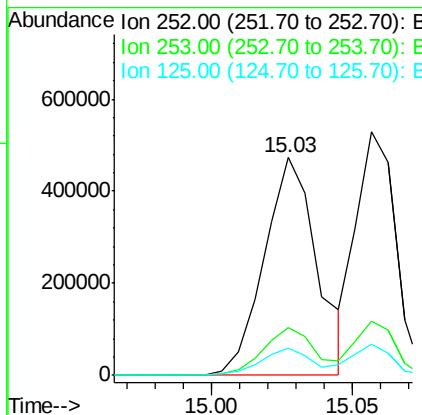
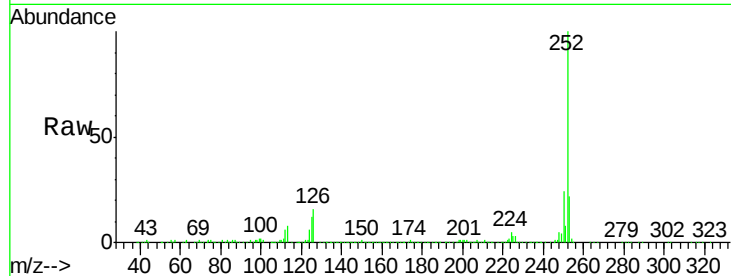
ClientSampleId :

PB108147BS

Tot Ion:	252	Resp:	616166
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.0	25.6
125	12.3	9.0	13.6

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 42.345 ng

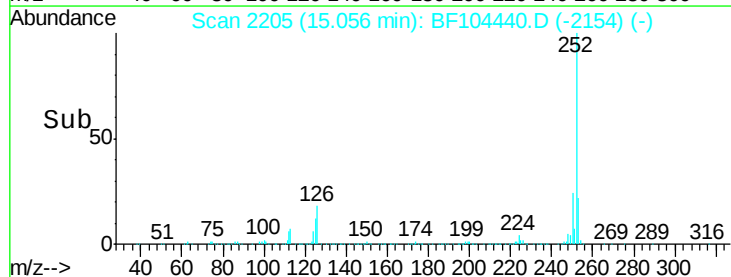
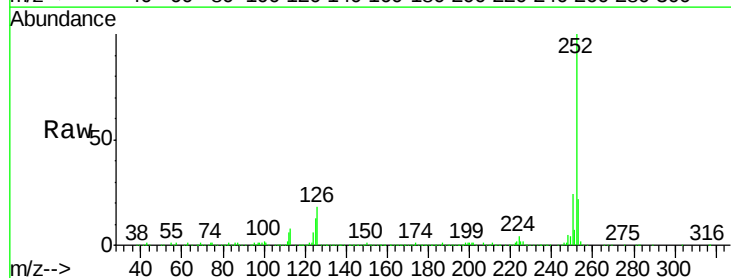
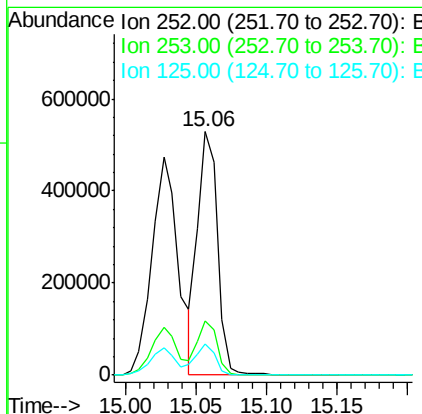
RT: 15.06 min Scan# 2205

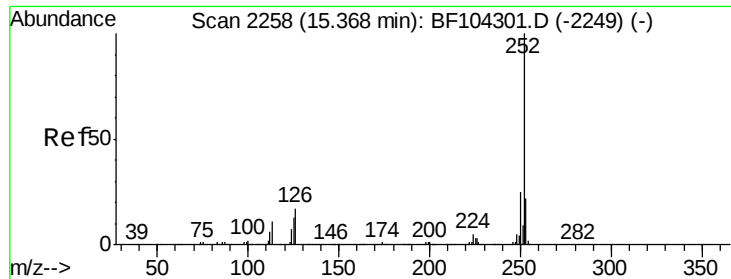
Delta R.T. 0.00 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

Tgt Ion:	252	Resp:	516852
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.9	26.9
125	12.6	10.2	15.2





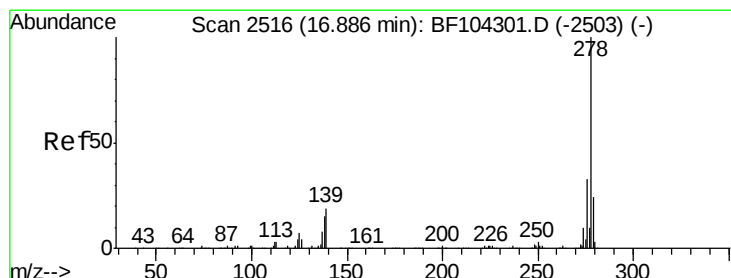
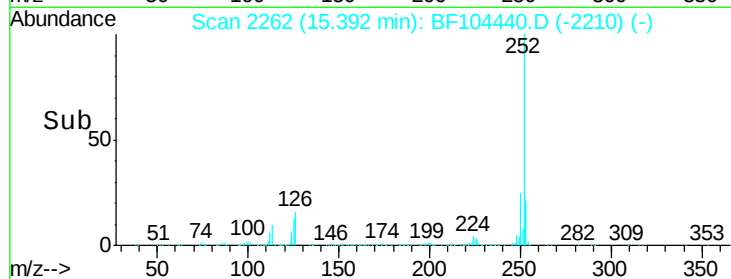
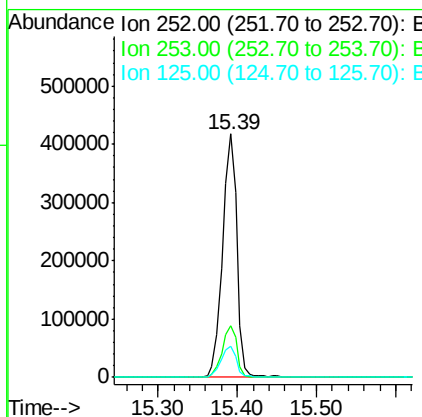
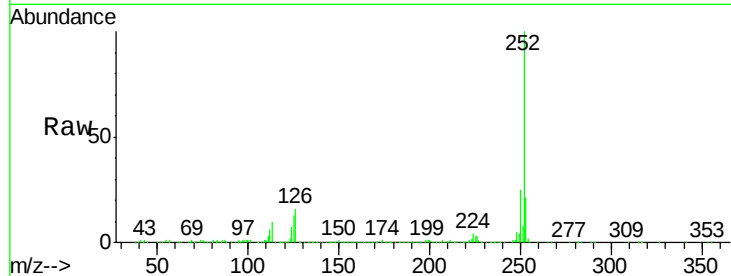
#89
Benzo(a)pyrene
Concen: 45.328 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF104440.D
Acq: 11 Apr 2018 16:09

Instrument :
BNA_F
ClientSampleId :
PB108147BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.1	25.7
125	13.1	9.8	14.6

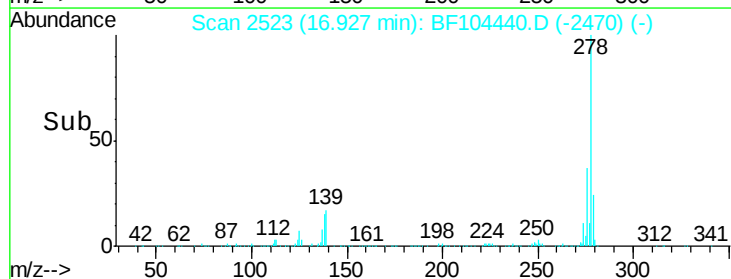
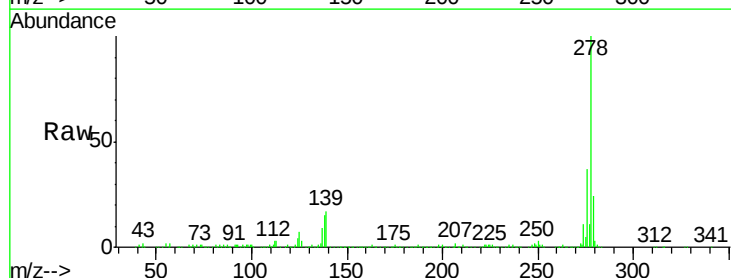
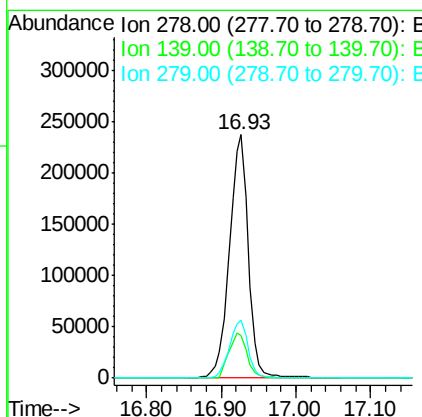
Manual Integrations
APPROVED

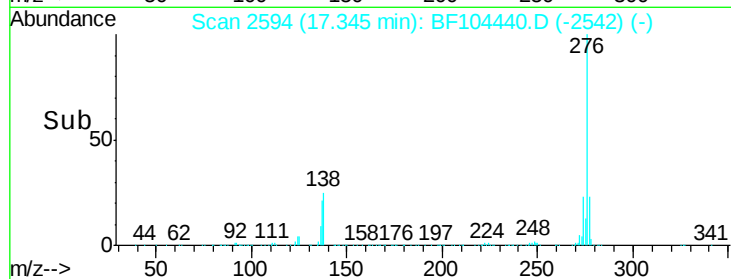
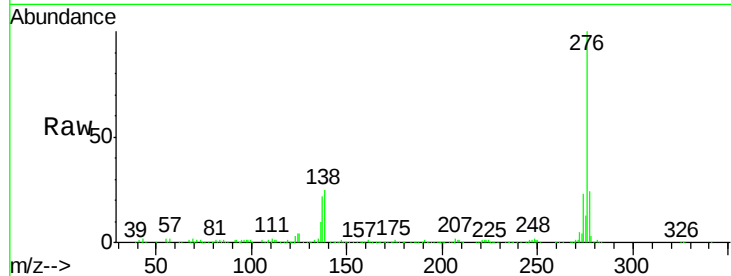
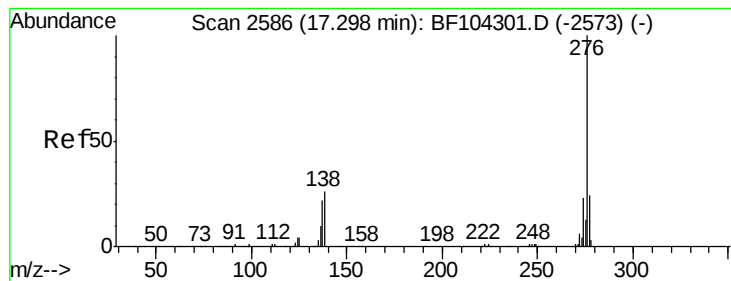
Sohil
4/12/2018 2:30:42 PM



#90
Dibenzo(a,h)anthracene
Concen: 44.308 ng
RT: 16.93 min Scan# 2523
Delta R.T. 0.01 min
Lab File: BF104440.D
Acq: 11 Apr 2018 16:09

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.5	15.9	23.9
279	23.9	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 43.597 ng
 RT: 17.34 min Scan# 2594
 Delta R.T. 0.01 min
 Lab File: BF104440.D
 Acq: 11 Apr 2018 16:09

Instrument :
 BNA_F
 ClientSampleId :
 PB108147BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.9	26.9
138	24.7	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 4/12/2018 2:30:42 PM

