

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042418\
 Data File : BF104774.D
 Acq On : 24 Apr 2018 23:15
 Operator : JU/SJ
 Sample : PB108528BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108528BS

Manual Integrations
 APPROVED

Sohil
 4/25/2018 4:22:27 PM

Quant Time: Apr 25 01:04:45 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 15:38:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	97194	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	401774	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	171817	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	267586	20.00	ng	0.00
75) Chrysene-d12	13.99	240	189587	20.00	ng	0.00
86) Perylene-d12	15.46	264	131063	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	634364	99.80	ng	0.02
7) Phenol-d6	6.46	99	761563	97.51	ng	0.01
23) Nitrobenzene-d5	7.37	82	473437	76.95	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	168024	94.27	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	877628	80.69	ng	0.00
78) Terphenyl-d14	12.93	244	704610	84.73	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	76126	25.702	ng	# 87
3) Pyridine	3.32	79	213805	25.675	ng	87
4) n-Nitrosodimethylamine	3.27	42	83620	28.726	ng	# 79
6) Aniline	6.47	93	111819	10.305	ng	# 26
8) 2-Chlorophenol	6.60	128	223469	33.309	ng	96
9) Benzaldehyde	6.36	77	94861	20.265	ng	97
10) Phenol	6.47	94	260919	31.486	ng	88
11) bis(2-Chloroethyl)ether	6.55	93	204755	30.963	ng	94
12) 1,3-Dichlorobenzene	6.75	146	238290	31.351	ng	98
13) 1,4-Dichlorobenzene	6.83	146	242947	32.066	ng	99
14) 1,2-Dichlorobenzene	6.98	146	227620	32.419	ng	99
15) Benzyl Alcohol	6.96	79	177463	29.917	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	239615	26.981	ng	# 46
17) 2-Methylphenol	7.07	107	183599	31.482	ng	# 90
18) Hexachloroethane	7.32	117	60473	22.386	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	146298	28.666	ng	94
20) 3+4-Methylphenols	7.23	107	233793	32.324	ng	92
22) Acetophenone	7.22	105	306378	30.974	ng	# 97
24) Nitrobenzene	7.40	77	224327	33.022	ng	92
25) Isophorone	7.63	82	400479	30.780	ng	99
26) 2-Nitrophenol	7.71	139	83644	30.245	ng	96
27) 2,4-Dimethylphenol	7.75	122	196871	34.284	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	263554	33.130	ng	99
29) 2,4-Dichlorophenol	7.96	162	181219	33.075	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	191889	31.913	ng	97
31) Naphthalene	8.12	128	629472	31.464	ng	100
32) Benzoic acid	7.86	122	68011m	14.844	ng	
33) 4-Chloroaniline	8.17	127	75878	8.853	ng	97
34) Hexachlorobutadiene	8.23	225	105227	31.950	ng	100
35) Caprolactam	8.54	113	56724	29.678	ng	# 78
36) 4-Chloro-3-methylphenol	8.66	107	189293	32.221	ng	99
37) 2-Methylnaphthalene	8.81	142	413867	31.981	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	178229	36.237	ng	99
40) Hexachlorocyclopentadiene	8.95	237	7683	2.790	ng	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	115246	33.754	nq	98
43) 2,4,5-Trichlorophenol	9.14	196	119436	31.260	nq	95
45) 1,1'-Biphenyl	9.27	154	485701	33.650	nq	100
46) 2-Chloronaphthalene	9.30	162	374877	32.881	nq	100
47) 2-Nitroaniline	9.40	65	118423	42.002	nq	96
48) Acenaphthylene	9.72	152	549401	30.714	nq	99
49) Dimethylphthalate	9.57	163	459814	33.937	nq	100
50) 2,6-Dinitrotoluene	9.64	165	81516	32.514	nq	90
51) Acenaphthene	9.89	154	319309	29.257	nq	99
52) 3-Nitroaniline	9.81	138	108291	36.895	nq	99
53) 2,4-Dinitrophenol	9.93	184	2774	9.080	nq	# 29
54) Dibenzofuran	10.06	168	480153	31.569	nq	98
55) 4-Nitrophenol	9.99	139	114614	49.711	nq	97
56) 2,4-Dinitrotoluene	10.05	165	93640	28.474	nq	98
57) Fluorene	10.40	166	371838	33.588	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.18	232	86254	30.260	nq	93
59) Diethylphthalate	10.27	149	438919	32.527	nq	98
60) 4-Chlorophenyl-phenylether	10.39	204	178914	36.289	nq	94
61) 4-Nitroaniline	10.43	138	103390	36.026	nq	97
62) Azobenzene	10.55	77	363381	28.187	nq	95
64) 4,6-Dinitro-2-methylphenol	10.46	198	3149	9.394	nq	79
65) n-Nitrosodiphenylamine	10.51	169	332875	35.878	nq	99
66) 4-Bromophenyl-phenylether	10.88	248	102924	36.161	nq	93
67) Hexachlorobenzene	10.95	284	108705	33.942	nq	# 90
68) Atrazine	11.04	200	105181	37.558	nq	98
69) Pentachlorophenol	11.15	266	80874	40.818	nq	98
70) Phenanthrene	11.37	178	482252	32.362	nq	98
71) Anthracene	11.42	178	492473	32.511	nq	99
72) Carbazole	11.57	167	440483	29.758	nq	100
73) Di-n-butylphthalate	11.90	149	610167	33.745	nq	98
74) Fluoranthene	12.56	202	467564	30.031	nq	98
76) Benzidine	12.68	184	337524	60.005	nq	98
77) Pyrene	12.79	202	470374	33.472	nq	99
79) Butylbenzylphthalate	13.40	149	223870	33.815	nq	97
80) Benzo(a)anthracene	13.98	228	378367	33.407	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	141894	33.600	nq	97
82) Chrysene	14.02	228	359822	30.929	nq	98
83) Bis(2-ethylhexyl)phthalate	13.96	149	313835	36.854	nq	99
84) Di-n-octyl phthalate	14.57	149	506077	35.567	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.93	276	261276	26.438	nq	95
87) Benzo(b)fluoranthene	15.03	252	303398	36.652	nq	98
88) Benzo(k)fluoranthene	15.06	252	260696	33.359	nq	97
89) Benzo(a)pyrene	15.40	252	252095	34.037	nq	100
90) Dibenzo(a,h)anthracene	16.94	278	222306	36.546	nq	96
91) Benzo(g,h,i)perylene	17.37	276	218039	36.997	nq	94

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

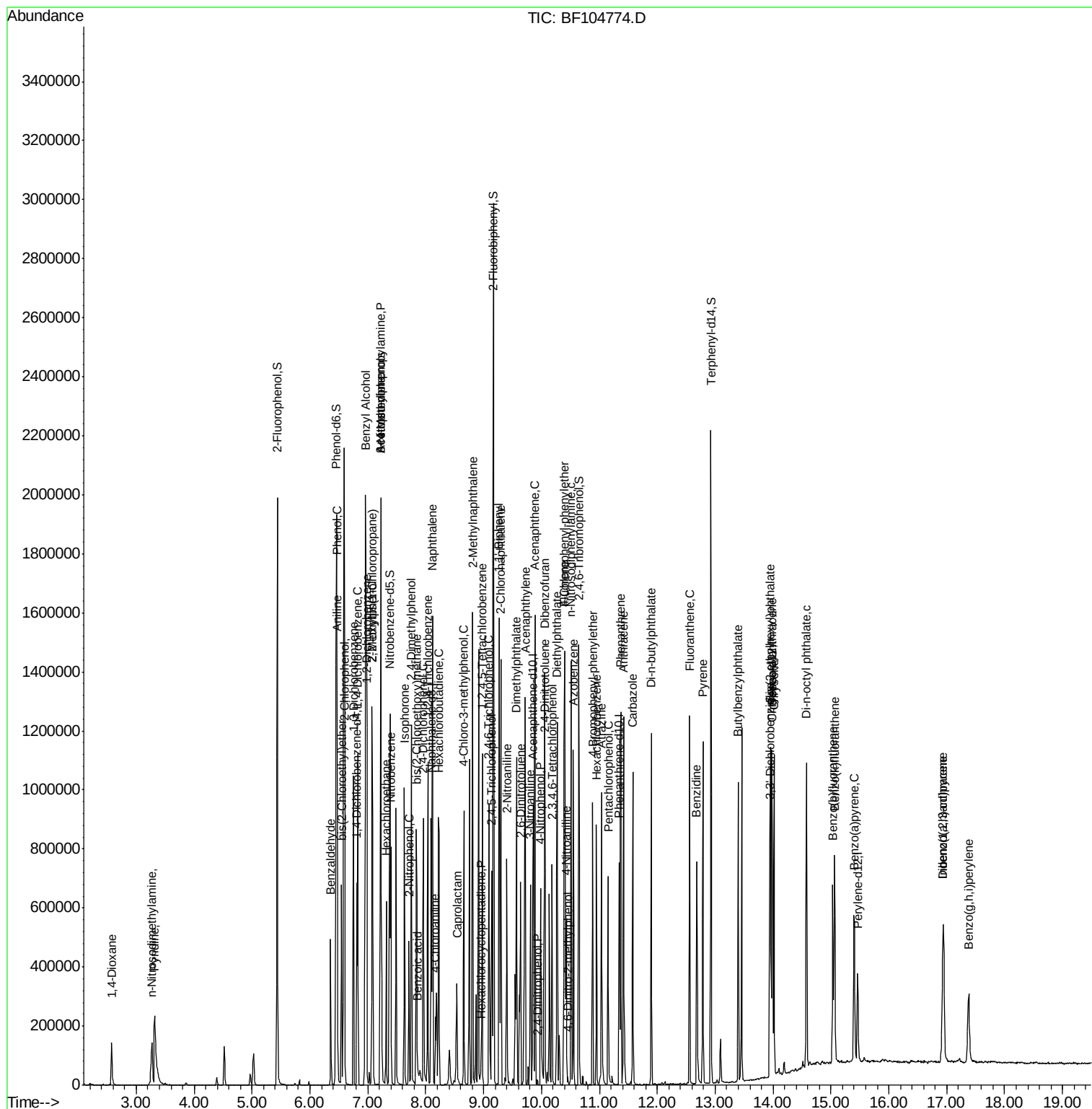
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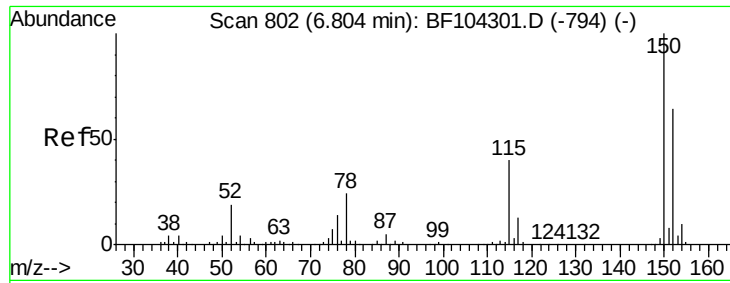
Instrument :
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#1

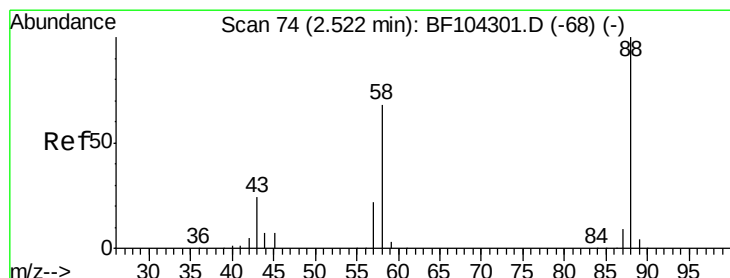
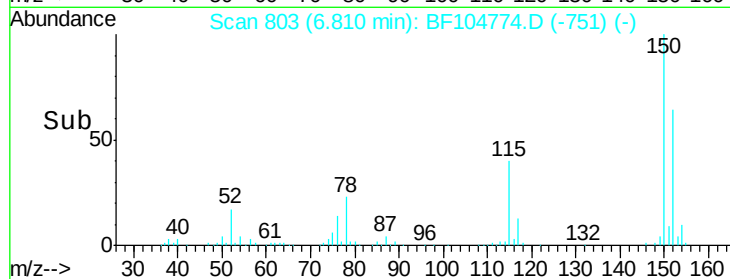
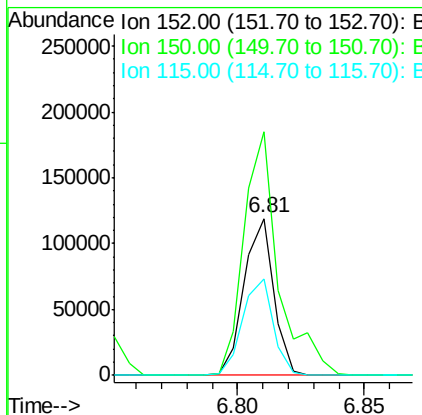
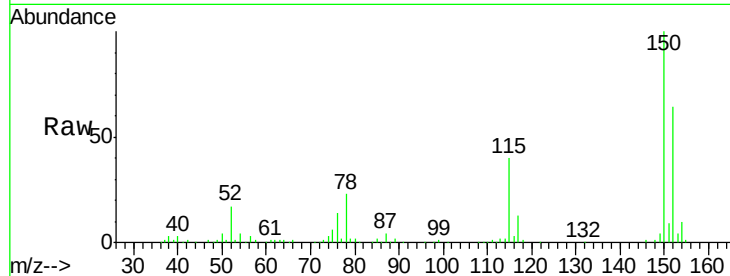
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF104774.D
Acq: 24 Apr 2018 23:15

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.6	186.8
115	61.7	50.1	75.1

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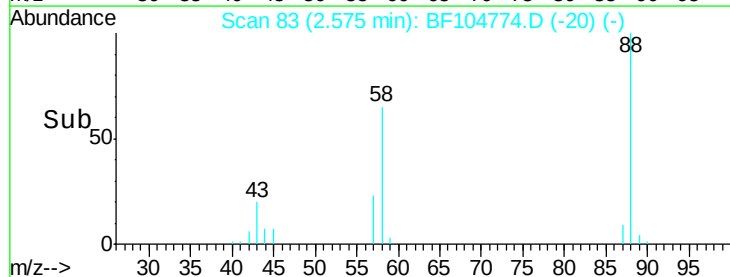
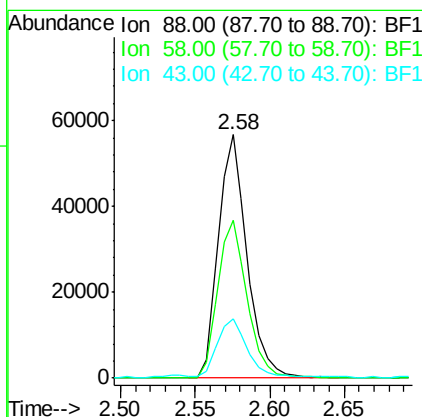
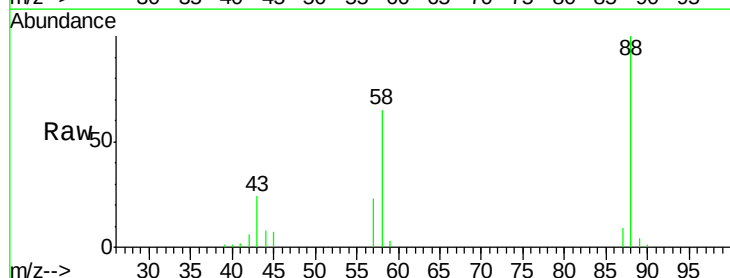
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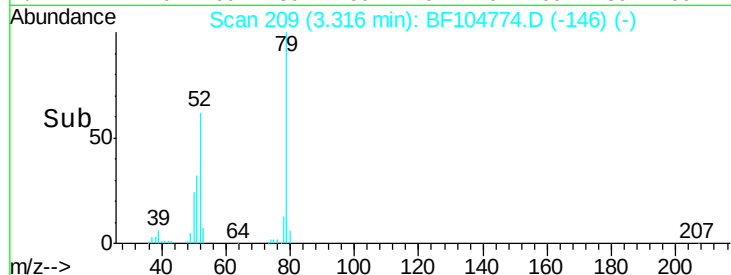
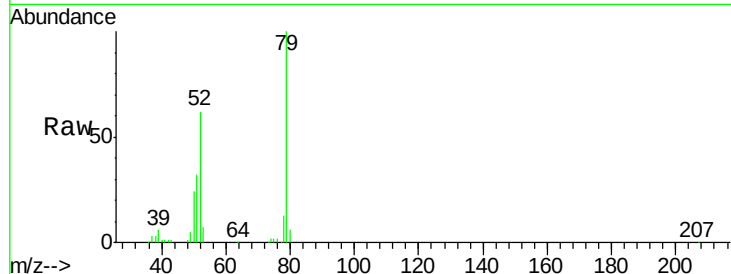
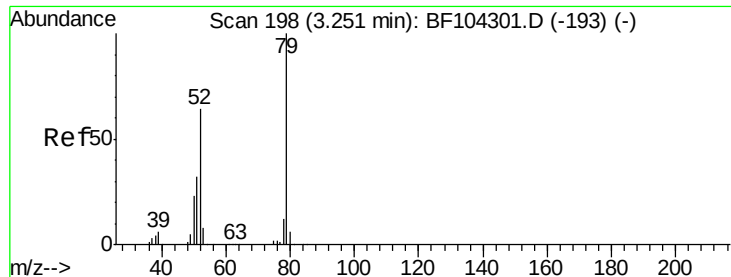


#2

1,4-Dioxane
Concen: 25.702 ng
RT: 2.58 min Scan# 83
Delta R.T. 0.07 min
Lab File: BF104774.D
Acq: 24 Apr 2018 23:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.5	62.6	93.8
43	24.3	24.6	37.0





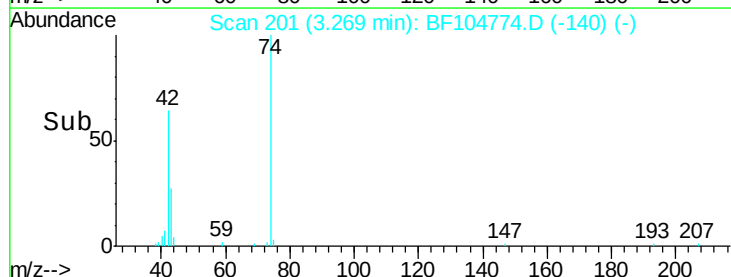
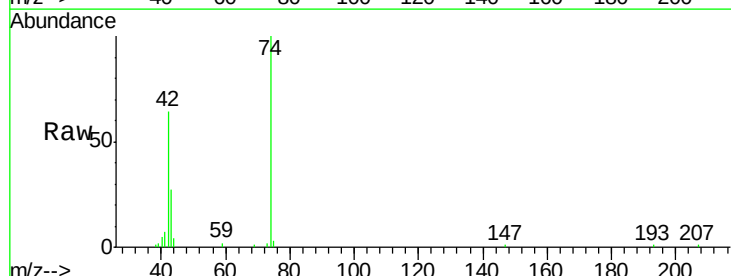
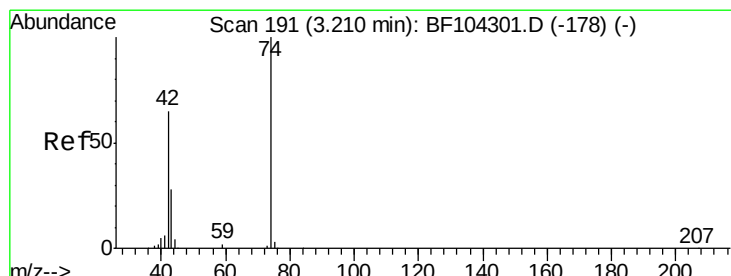
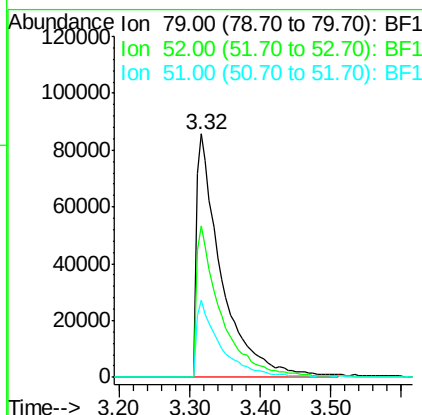
#3
Pvridine
Concen: 25.675 ng
RT: 3.32 min Scan# 209
Delta R.T. 0.07 min
Lab File: BF104774.D
Acq: 24 Apr 2018 23:15

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		213805		
52	62.0	59.8	89.6		
51	31.5	29.8	44.8		

Instrument :
BNA_F
ClientSampleId :
PB108528BS

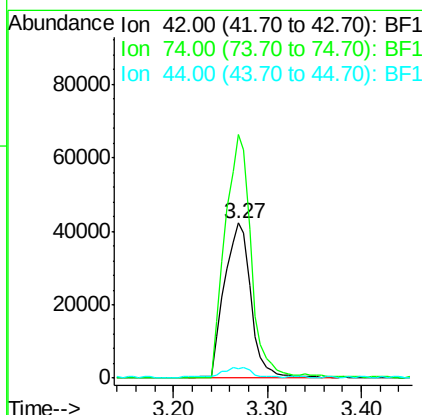
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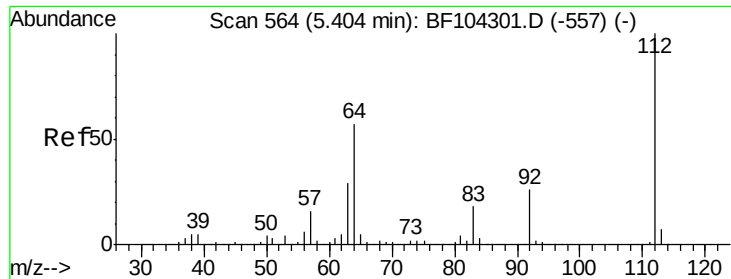
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#4
n-Nitrosodimethylamine
Concen: 28.726 ng
RT: 3.27 min Scan# 201
Delta R.T. 0.06 min
Lab File: BF104774.D
Acq: 24 Apr 2018 23:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		83620		
74	157.2	104.9	157.3		
44	5.7	6.9	10.3		





#5

2-Fluorophenol

Concen: 99.798 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF104774.D

Acq: 24 Apr 2018 23:15

Instrument :

BNA_F

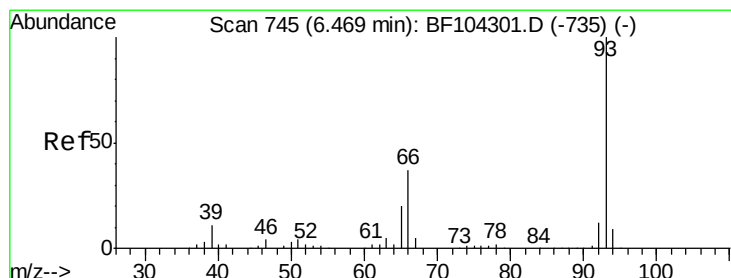
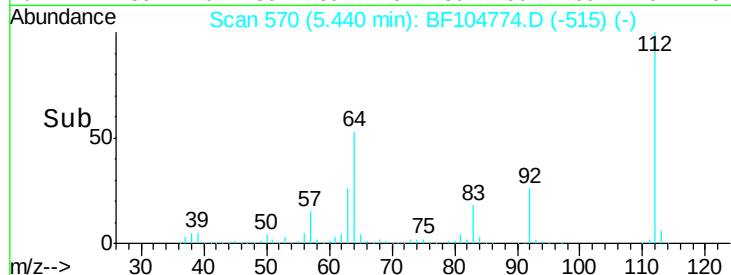
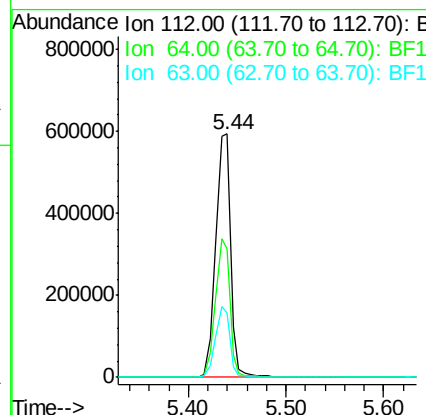
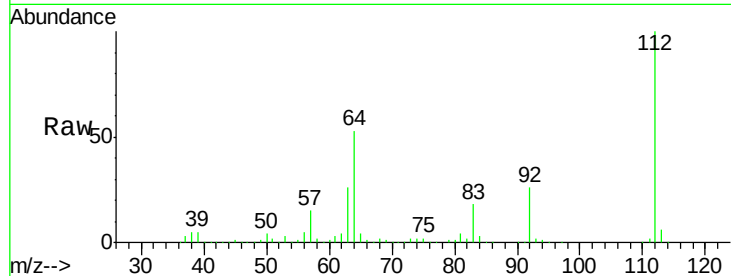
ClientSampleId :

PB108528BS

Tot Ion:	112	Resp:	634364
Ion Ratio	Lower	Upper	
112	100		
64	52.5	47.9	71.9
63	26.4	23.7	35.5

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#6

Aniline

Concen: 10.305 ng

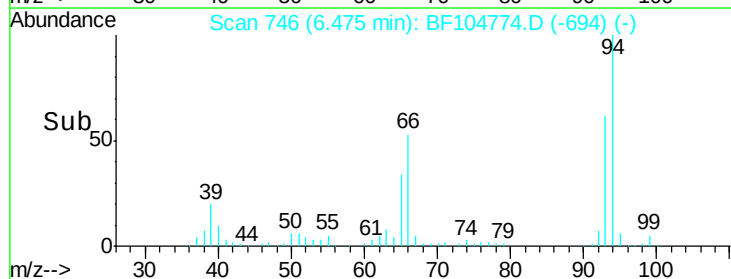
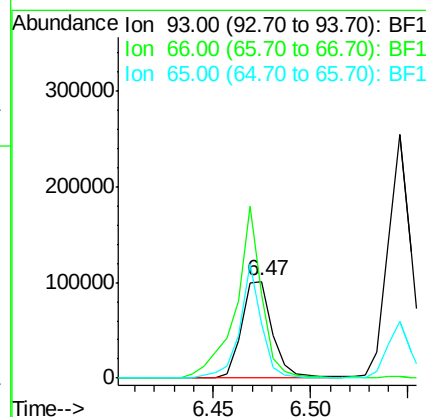
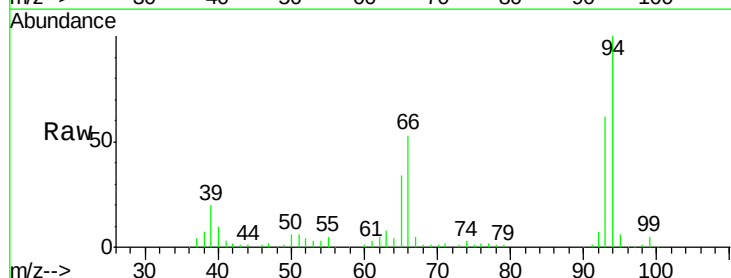
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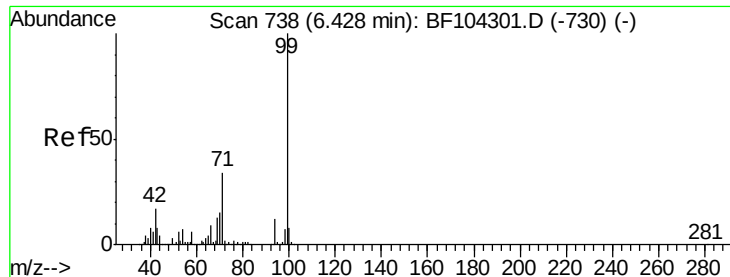
Delta R.T. 0.01 min

Lab File: BF104774.D

Acq: 24 Apr 2018 23:15

Tgt Ion:	93	Resp:	111819
Ion Ratio	Lower	Upper	
93	100		
66	86.1	32.2	48.2#
65	55.3	16.4	24.6#





#7

Phenol-d6

Concen: 97.511 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF104774.D

Acq: 24 Apr 2018 23:15

Instrument :

BNA_F

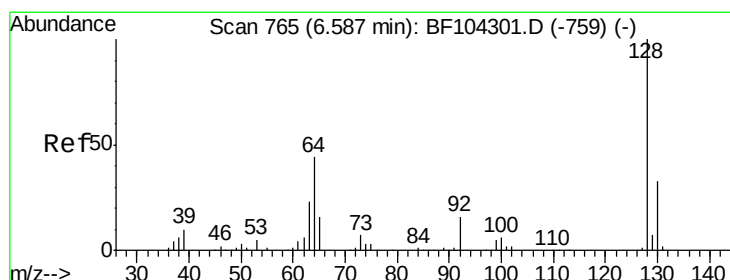
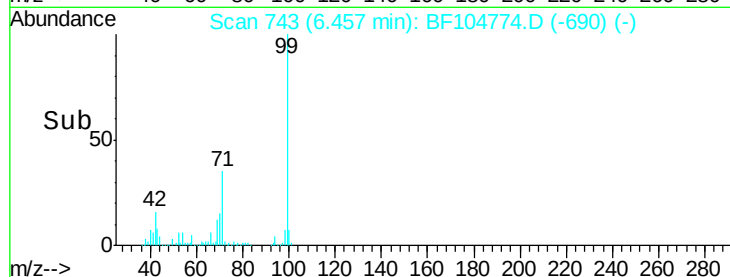
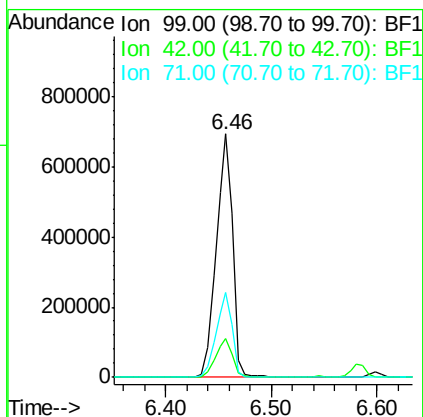
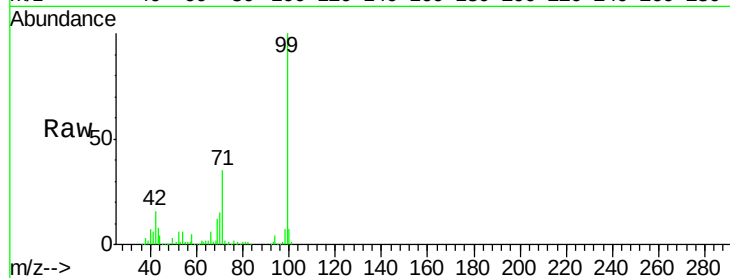
ClientSampleId :

PB108528BS

Tot Ion:	99	Resp:	761563
Ion Ratio	Lower	Upper	
99	100		
42	16.0	14.5	21.7
71	34.9	25.4	38.0

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#8

2-Chlorophenol

Concen: 33.309 ng

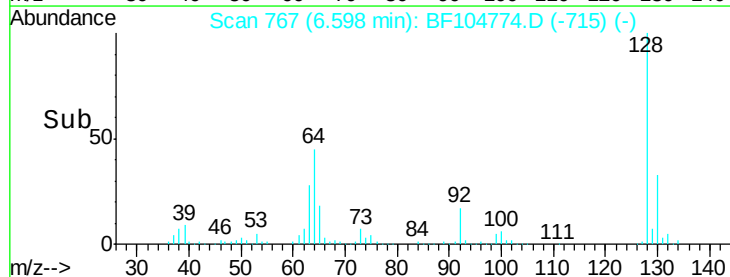
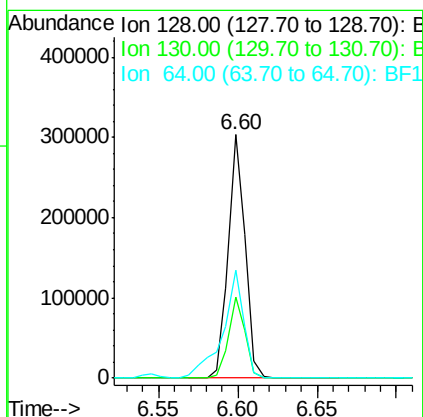
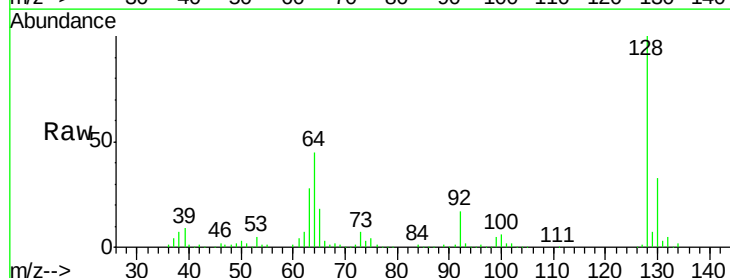
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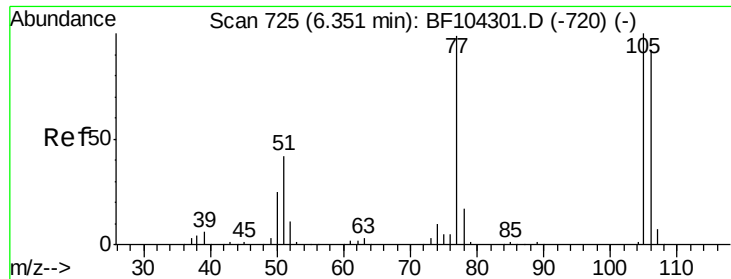
Delta R.T. 0.01 min

Lab File: BF104774.D

Acq: 24 Apr 2018 23:15

Tgt Ion:	128	Resp:	223469
Ion Ratio	Lower	Upper	
128	100		
130	33.2	13.0	53.0
64	44.5	29.4	69.4





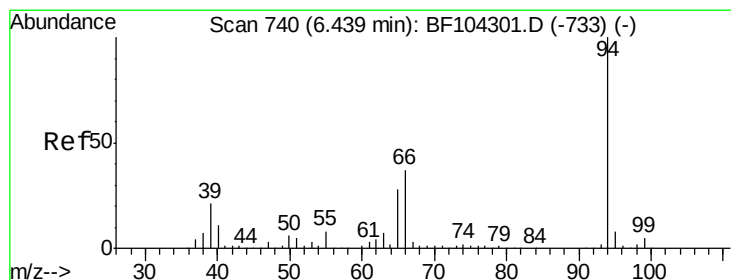
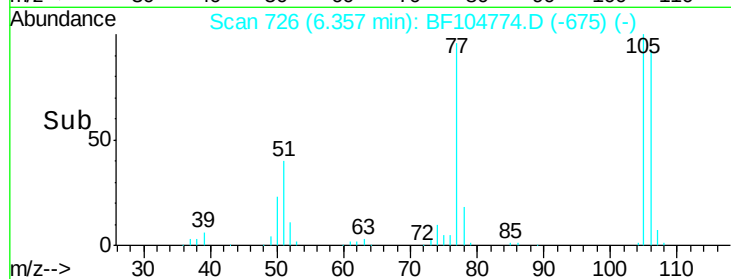
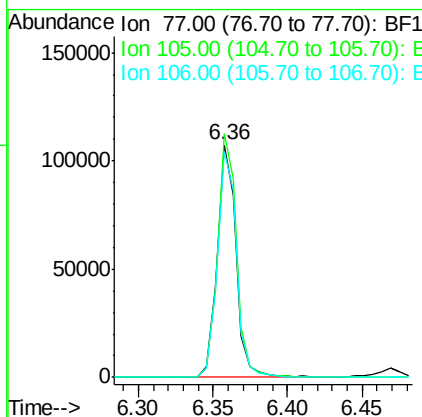
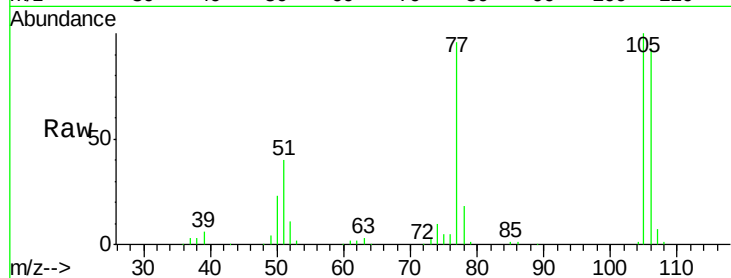
#9
Benzaldehyde
Concen: 20.265 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF104774.D
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Instrument :
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Tot Ion	Ratio	Lower	Upper
77	100		
105	104.6	81.1	121.1
106	97.0	74.5	114.5

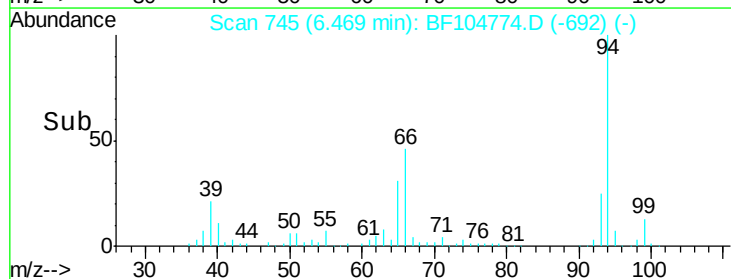
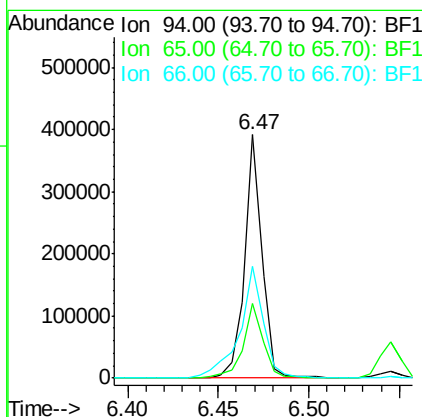
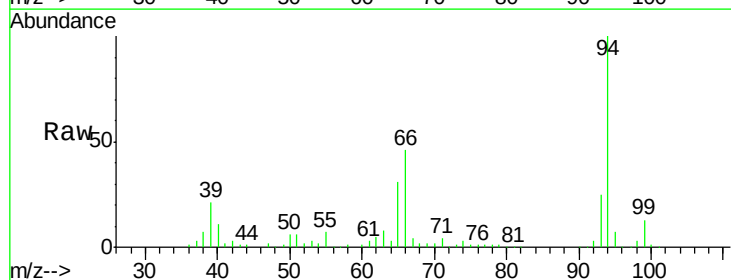
Manual Integrations
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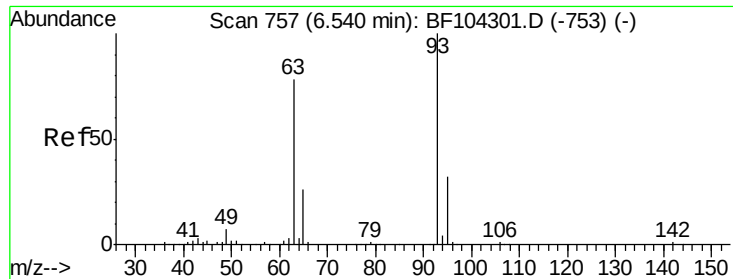
Sohil
4/25/2018 4:22:27 PM



#10
Phenol
Concen: 31.486 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF104774.D
Acq: 24 Apr 2018 23:15

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.7	7.9	47.9
66	46.0	16.2	56.2





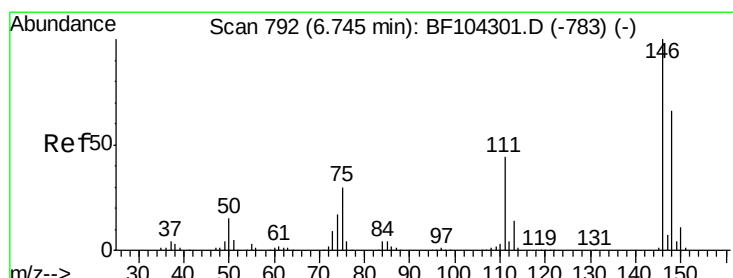
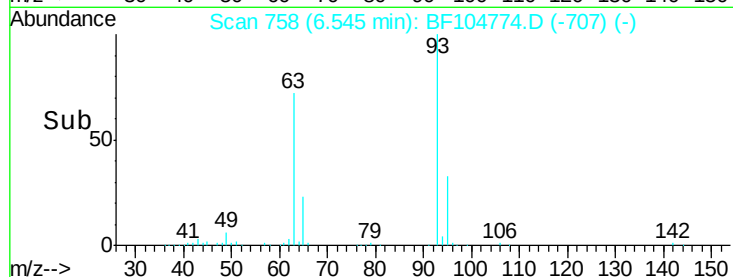
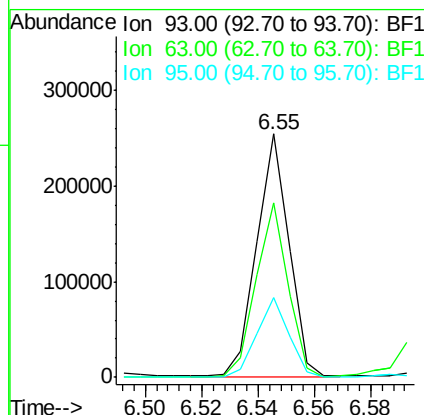
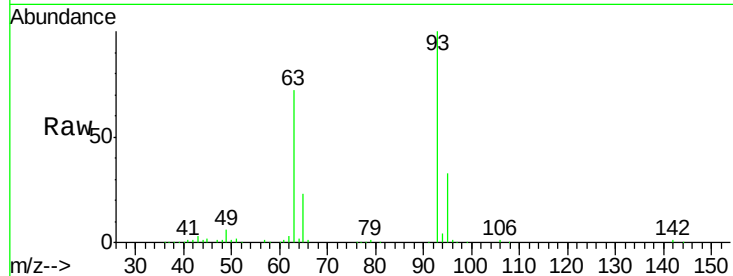
#11
bis(2-Chloroethyl)ether
Concen: 30.963 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF104774.D
Acq: 24 Apr 2018 23:15

Instrument :
BNA_F
ClientSampleId :
PB108528BS

Tot Ion	93	Resp	204755
Ion Ratio	Lower	Upper	
93	100		
63	71.7	58.6	98.6
95	32.5	11.8	51.8

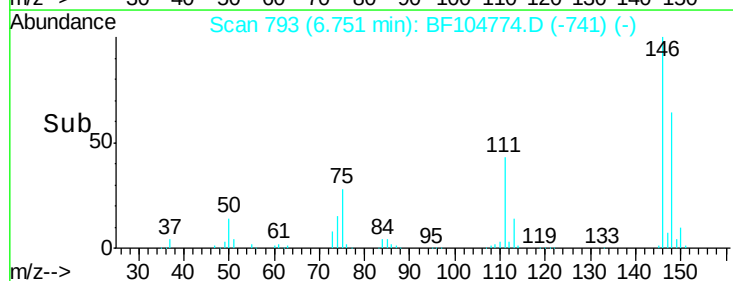
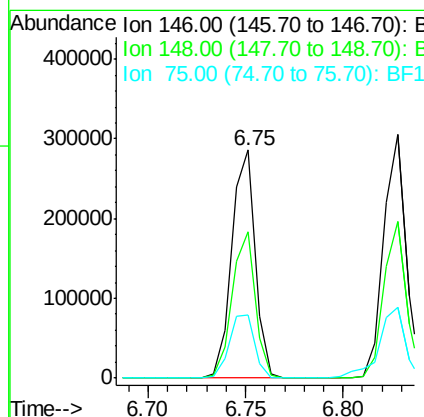
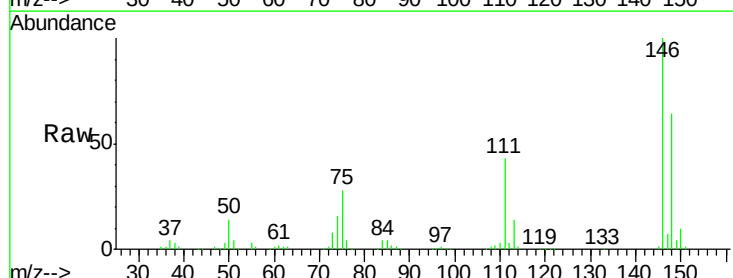
Manual Integrations
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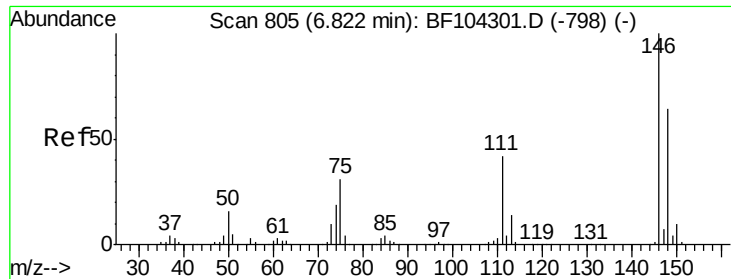
Sohil
4/25/2018 4:22:27 PM



#12
1,3-Dichlorobenzene
Concen: 31.351 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.01 min
Lab File: BF104774.D
Acq: 24 Apr 2018 23:15

Tgt Ion	146	Resp	238290
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.8	77.8
75	28.0	24.2	36.4





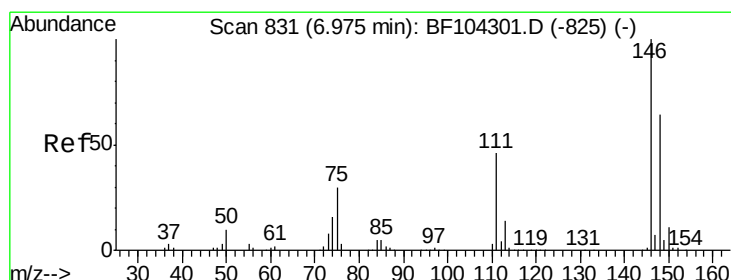
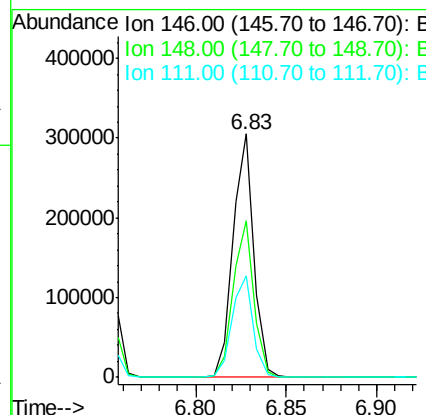
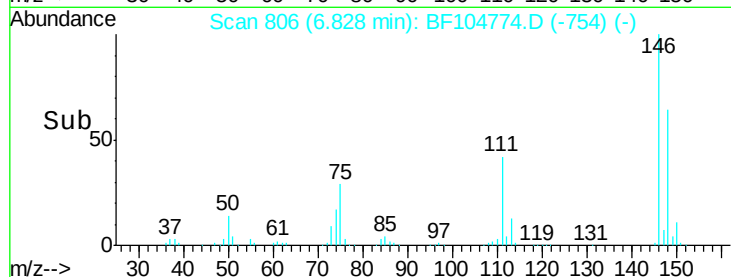
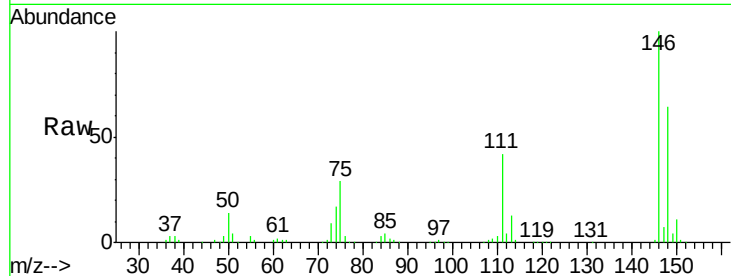
#13
 1,4-Dichlorobenzene
 Concen: 32.066 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: BF104774.D
 Acq: 24 Apr 2018 23:15

Instrument :
 BNA_F
 ClientSampled :
 PB108528BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.8	76.2
111	41.6	34.2	51.2

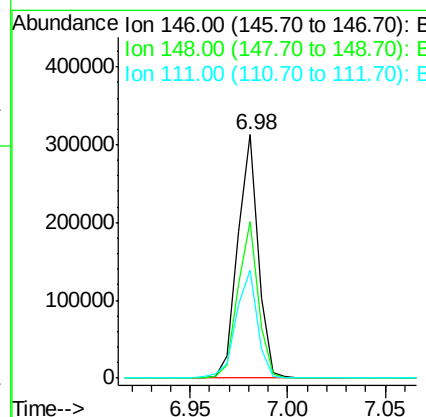
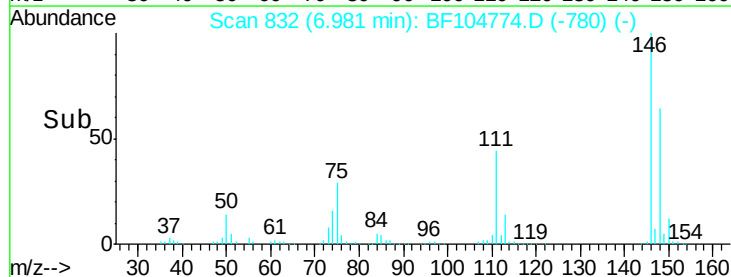
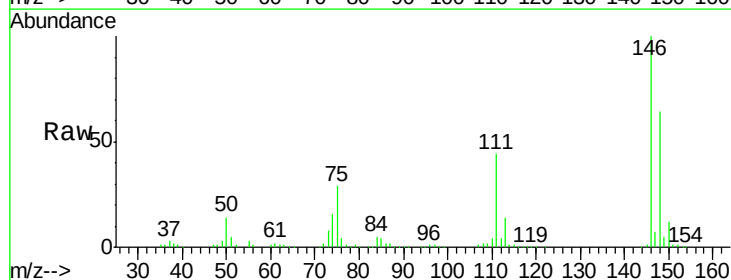
Manual Integrations
 APPROVED

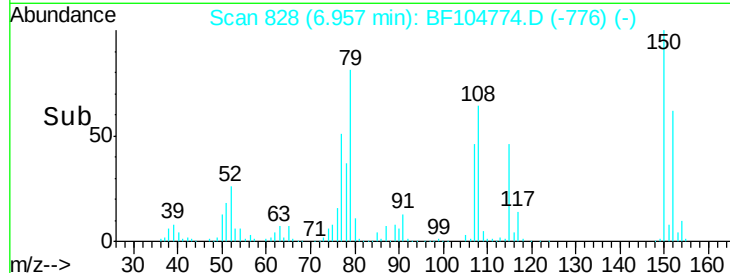
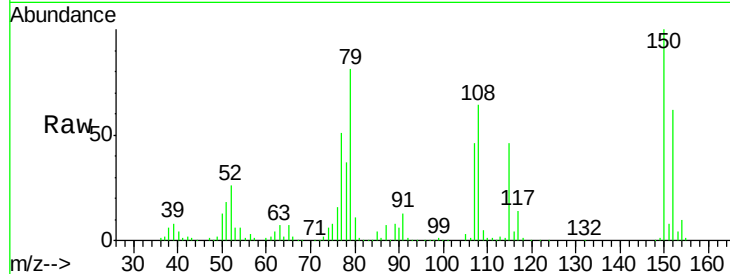
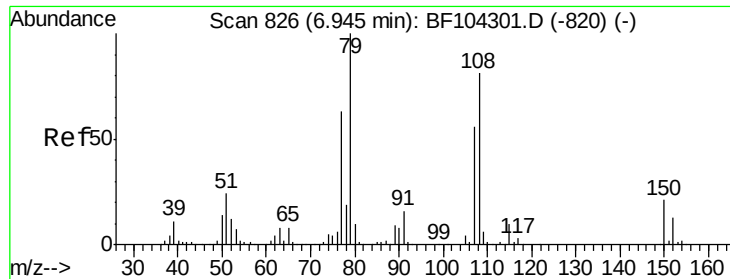
Sohil
 4/25/2018 4:22:27 PM



#14
 1,2-Dichlorobenzene
 Concen: 32.419 ng
 RT: 6.98 min Scan# 832
 Delta R.T. 0.01 min
 Lab File: BF104774.D
 Acq: 24 Apr 2018 23:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.6	75.8
111	44.3	36.0	54.0





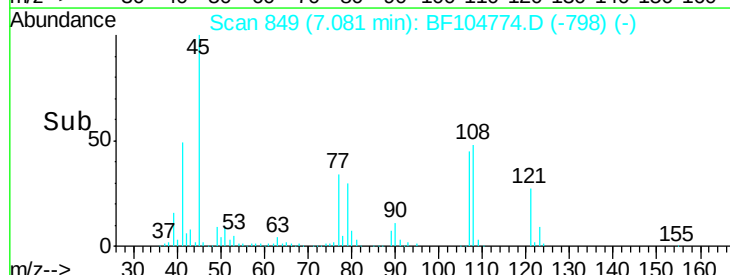
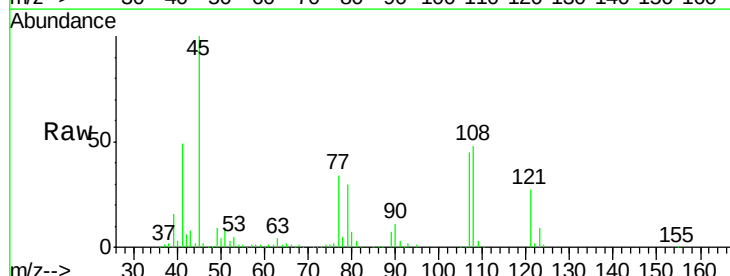
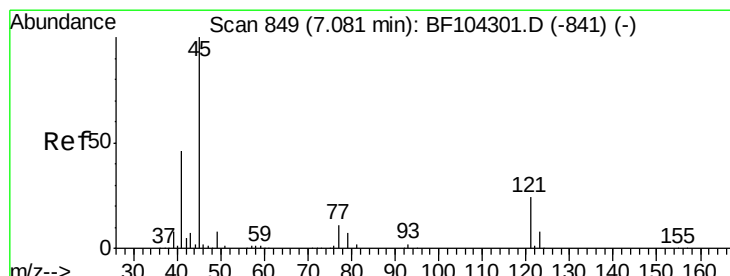
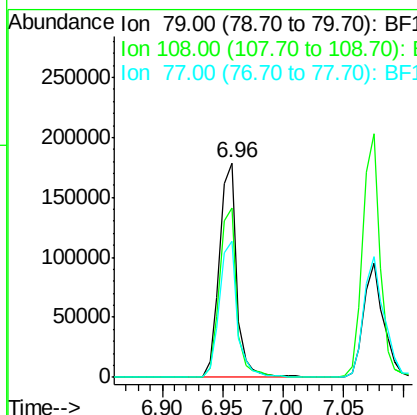
#15
Benzyl Alcohol
Concen: 29.917 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.01 min
Lab File: BF104774.D
Acq: 24 Apr 2018 23:15

Tot Ion: 79 Resp: 177463
Ion Ratio Lower Upper
79 100
108 78.9 65.1 97.7
77 63.2 50.6 75.8

Instrument :
BNA_F
ClientSampled :
PB108528BS

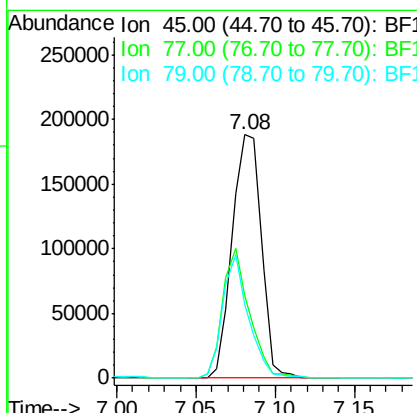
Manual Integrations
APPROVED

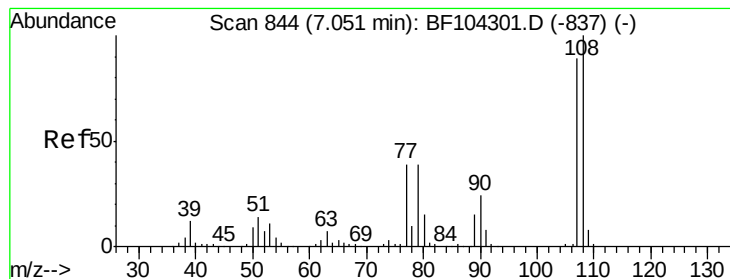
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 26.981 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF104774.D
Acq: 24 Apr 2018 23:15

Tgt Ion: 45 Resp: 239615
Ion Ratio Lower Upper
45 100
77 33.9 0.0 32.9#
79 30.1 0.0 29.6#





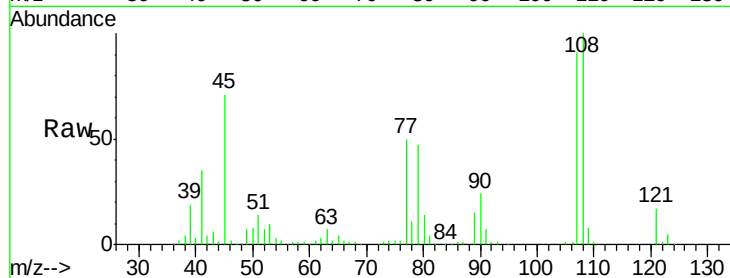
#17
2-Methylphenol
Concen: 31.482 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF104774.D
Acq: 24 Apr 2018 23:15

Instrument :
BNA_F
ClientSampleId :
PB108528BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.1	91.7	137.5
77	54.7	33.8	50.8#
79	51.7	33.8	50.8#

Manual Integrations
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Sohil
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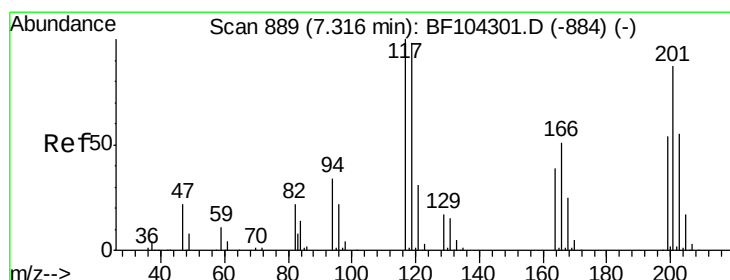
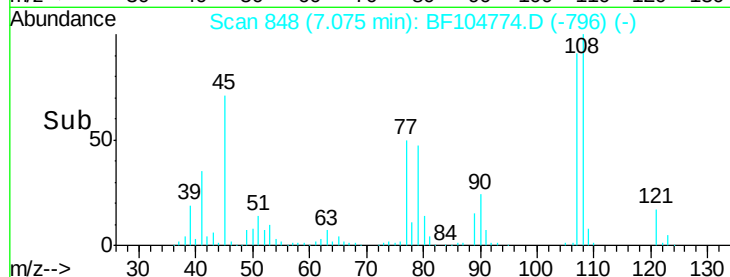
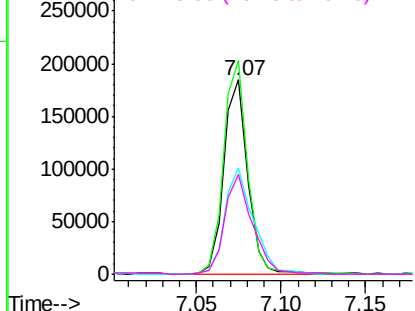
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 22.386 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF104774.D
Acq: 24 Apr 2018 23:15

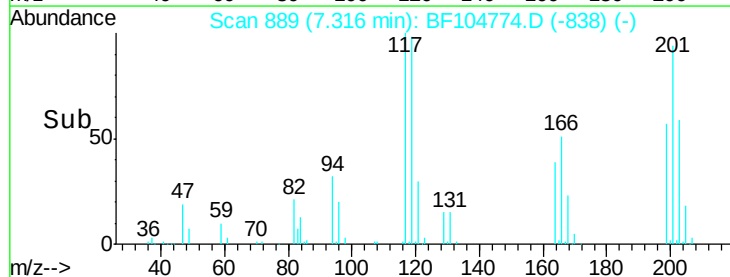
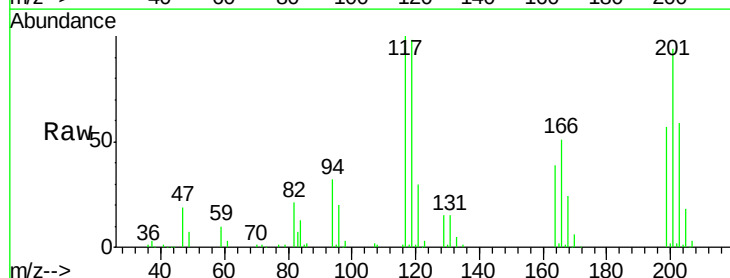
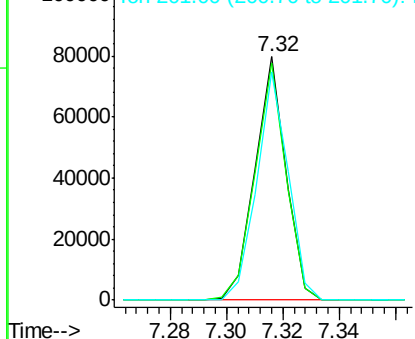
Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	75.8	113.8
201	93.8	75.7	113.5

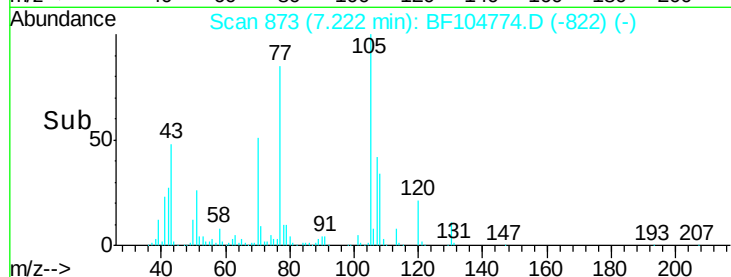
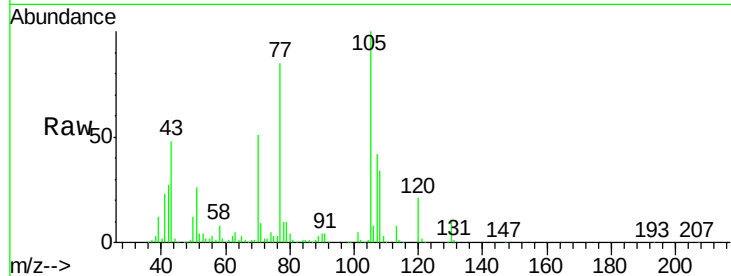
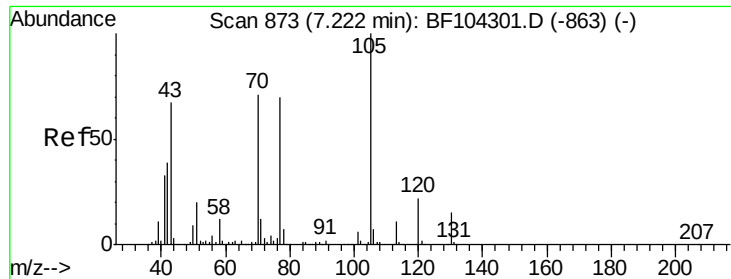
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





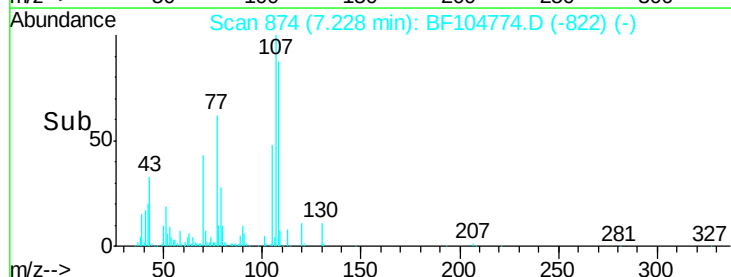
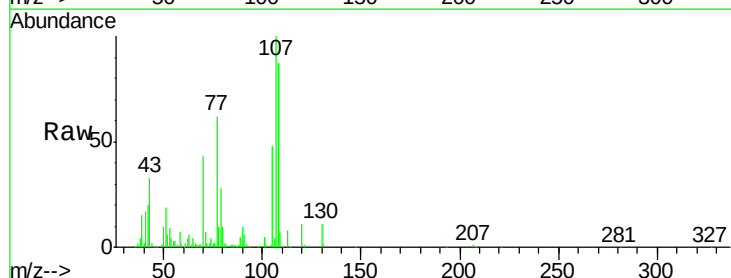
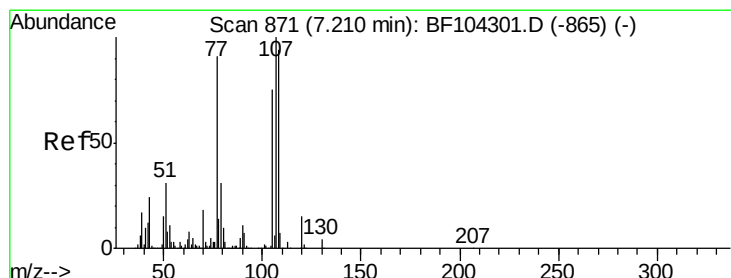
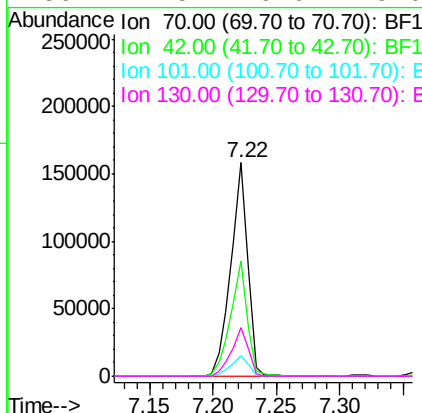
#19
n-Nitroso-di-n-propylamine
Concen: 28.666 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF104774.D
Acq: 24 Apr 2018 23:15

Instrument :
BNA_F
ClientSampleId :
PB108528BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	53.9		47.5	71.3	
101	9.4		7.4	11.2	
130	22.5		16.6	25.0	

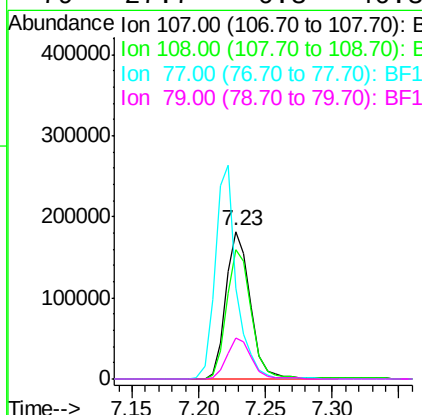
Manual Integrations
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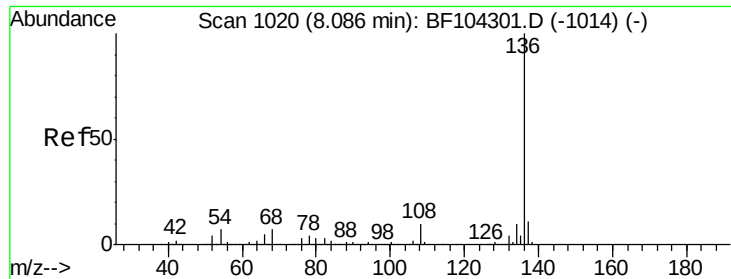
Sohil
4/25/2018 4:22:27 PM



#20
3+4-Methylphenols
Concen: 32.324 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF104774.D
Acq: 24 Apr 2018 23:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	87.4		68.2	108.2	
77	62.0		26.7	66.7	
79	27.7		6.3	46.3	





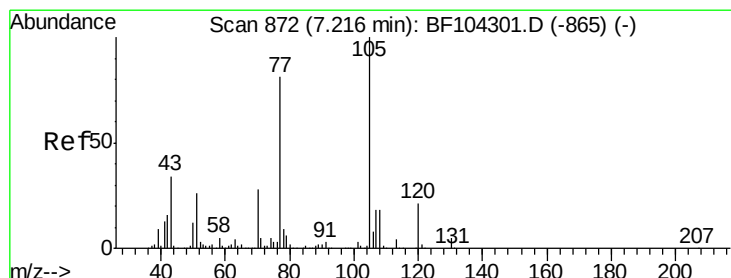
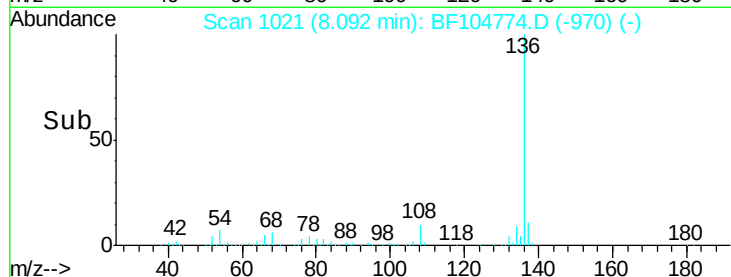
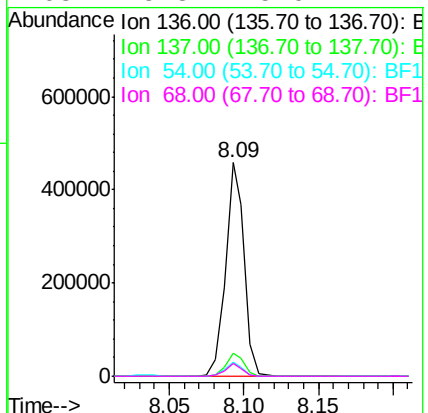
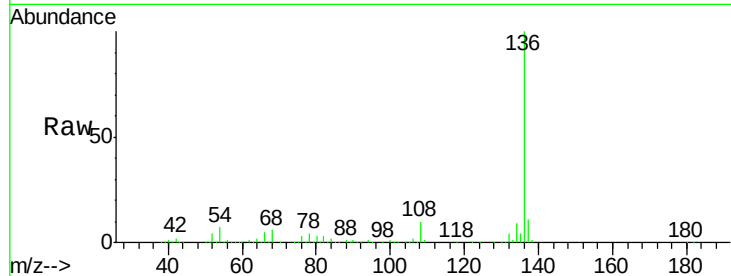
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF104774.D
Acq: 24 Apr 2018 23:15

Instrument :
BNA_F
ClientSampleId :
PB108528BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		401774		
137	11.1		8.9	13.3	
54	6.8		6.6	9.8	
68	5.8		5.0	7.4	

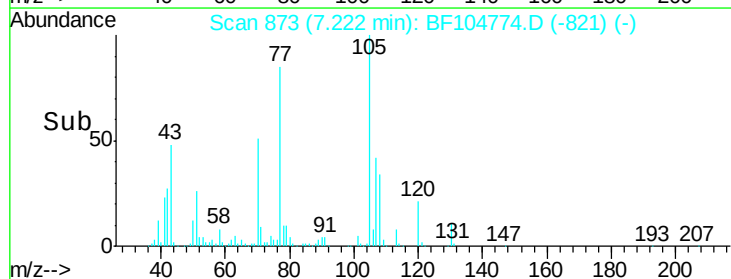
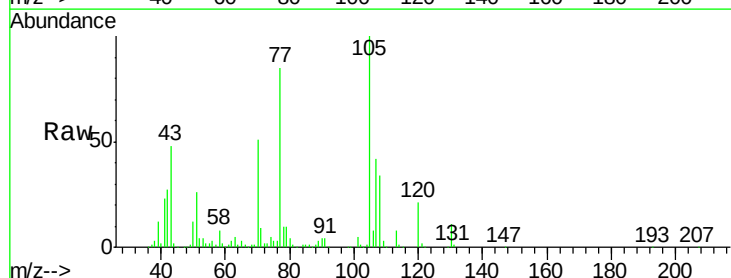
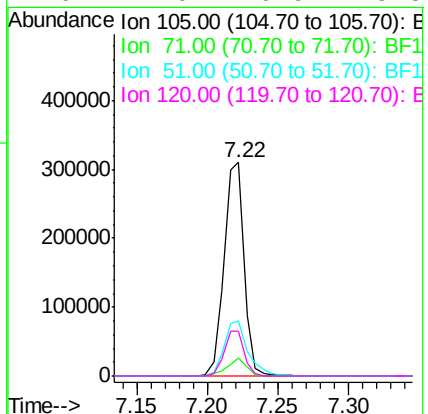
Manual Integrations
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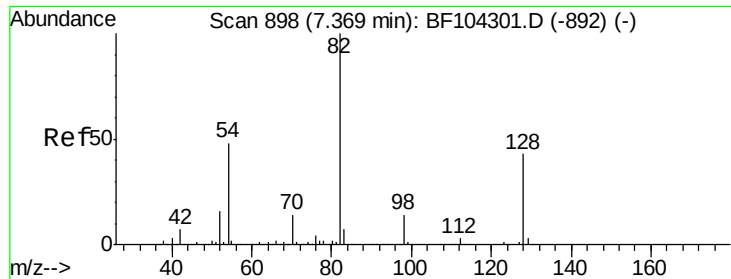
Sohil
4/25/2018 4:22:27 PM



#22
Acetophenone
Concen: 30.974 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF104774.D
Acq: 24 Apr 2018 23:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		306378		
71	8.5		4.4	6.6#	
51	25.9		22.3	33.5	
120	21.0		16.9	25.3	





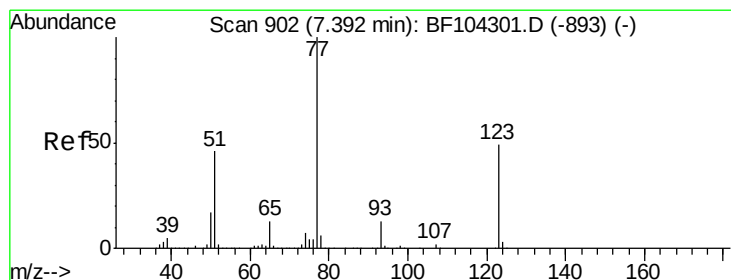
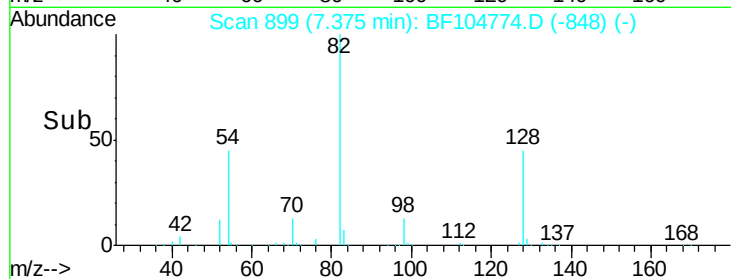
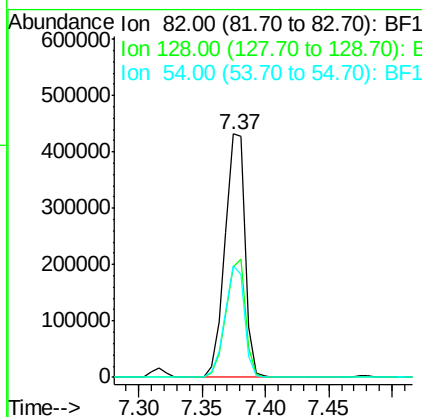
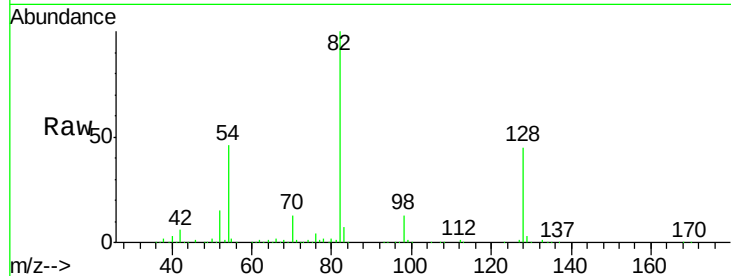
#23
 Nitrobenzene-d5
 Concen: 76.945 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: BF104774.D
 Acq: 24 Apr 2018 23:15

Instrument :
 BNA_F
 ClientSampleId :
 PB108528BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.1	54.1
54	45.9	41.4	62.2

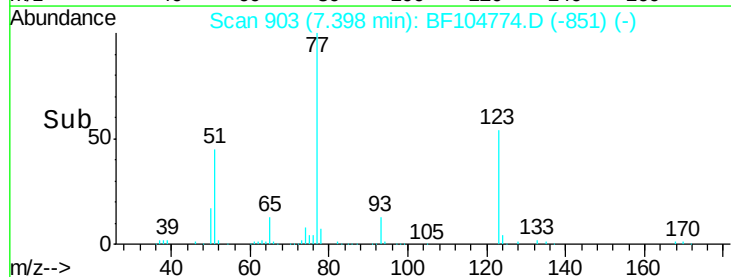
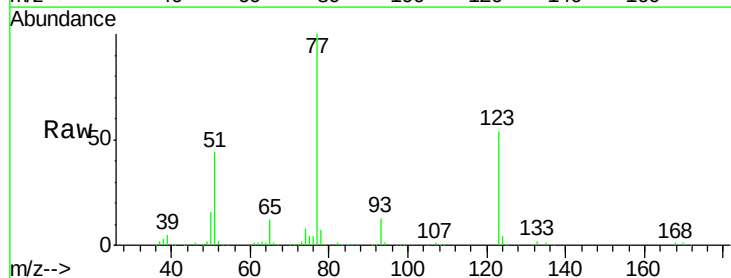
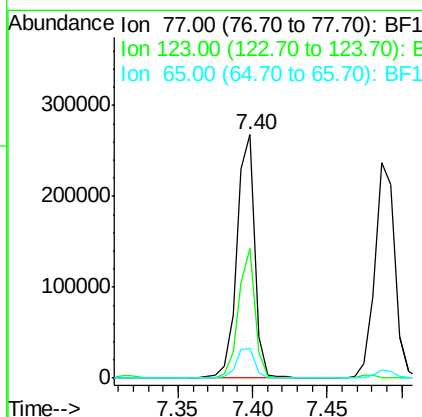
Manual Integrations
 APPROVED

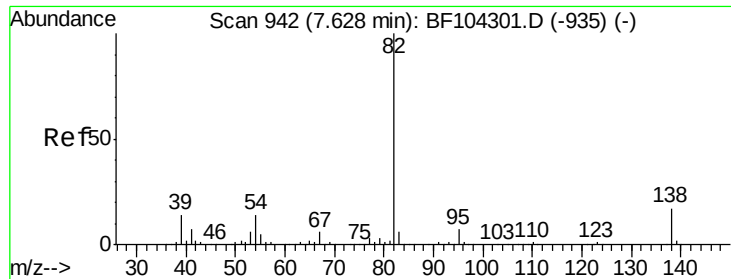
Sohil
 4/25/2018 4:22:27 PM



#24
 Nitrobenzene
 Concen: 33.022 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.01 min
 Lab File: BF104774.D
 Acq: 24 Apr 2018 23:15

Tgt Ion	Ratio	Lower	Upper
77	100		
123	53.5	37.9	56.9
65	12.0	11.0	16.4





#25

Isophorone

Concen: 30.780 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.01 min

Lab File: BF104774.D

Acq: 24 Apr 2018 23:15

Instrument :

BNA_F

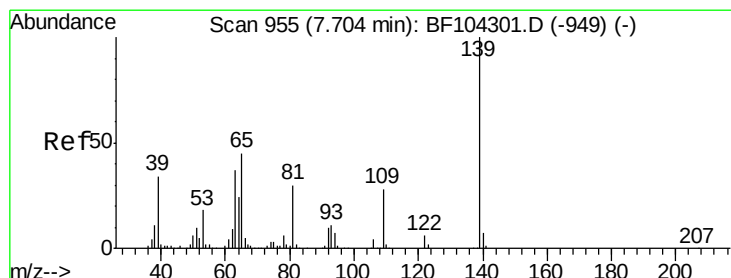
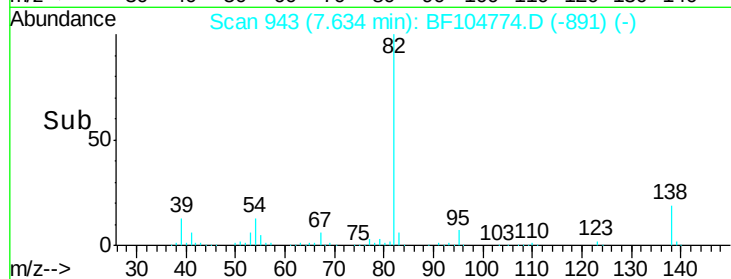
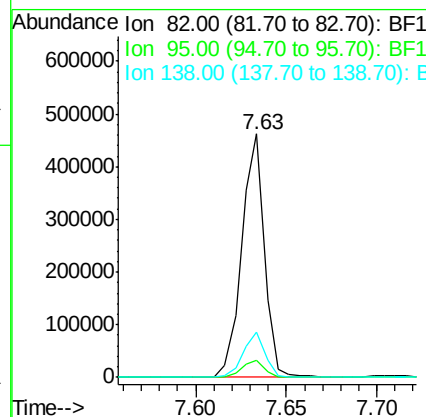
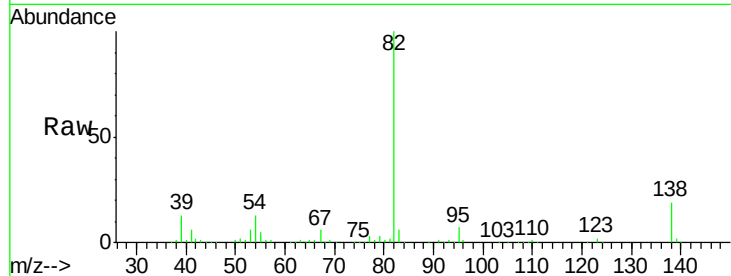
ClientSampleId :

PB108528BS

Tot Ion:	82	Resp:	400479
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.2	7.8
138	18.8	14.9	22.3

Manual Integrations
APPROVED

Sohil
4/25/2018 4:22:27 PM



#26

2-Nitrophenol

Concen: 30.245 ng

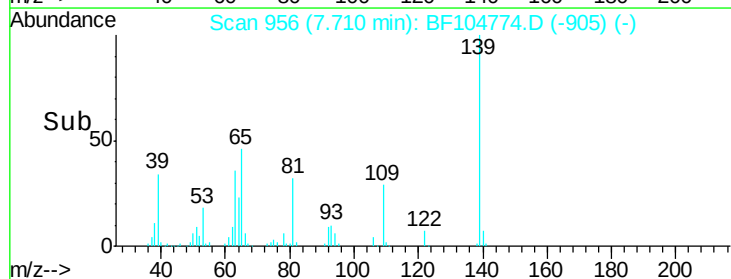
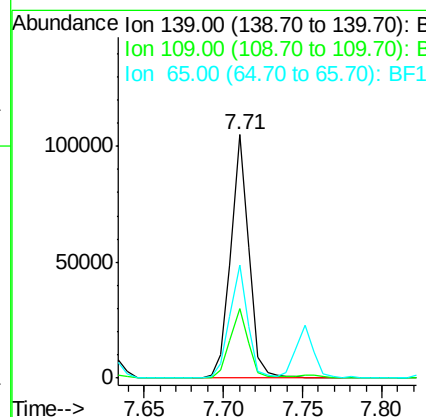
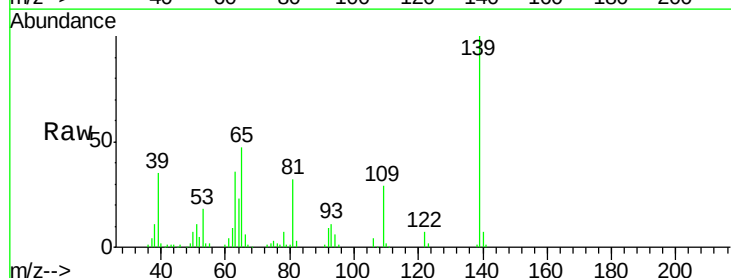
RT: 7.71 min Scan# 956

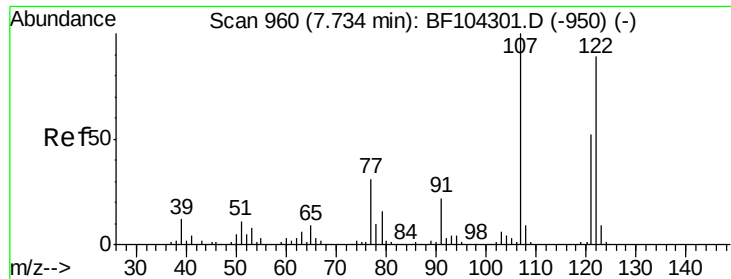
Delta R.T. -0.00 min

Lab File: BF104774.D

Acq: 24 Apr 2018 23:15

Tgt Ion:	139	Resp:	83644
Ion Ratio	Lower	Upper	
139	100		
109	28.6	22.7	34.1
65	46.6	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 34.284 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.01 min

Lab File: BF104774.D

Acq: 24 Apr 2018 23:15

Instrument :

BNA_F

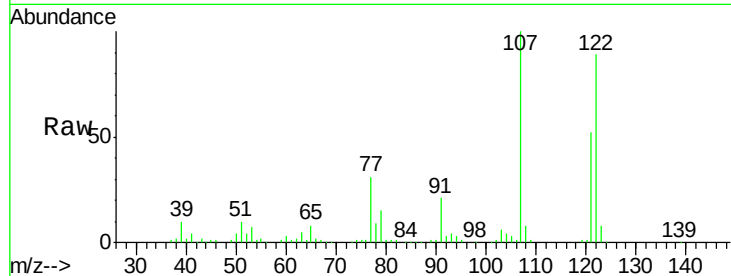
ClientSampleId :

PB108528BS

Tot Ion:	122	Resp:	196871
Ion Ratio	Lower	Upper	
122	100		
107	113.0	91.2	136.8
121	58.4	47.2	70.8

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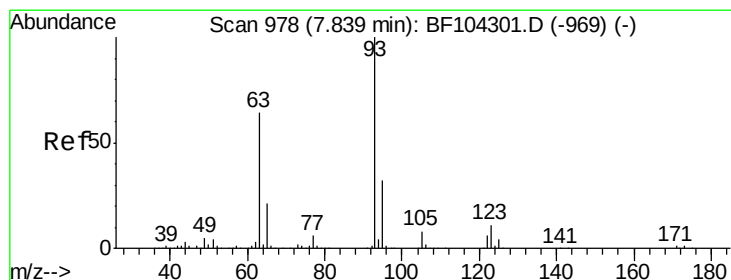
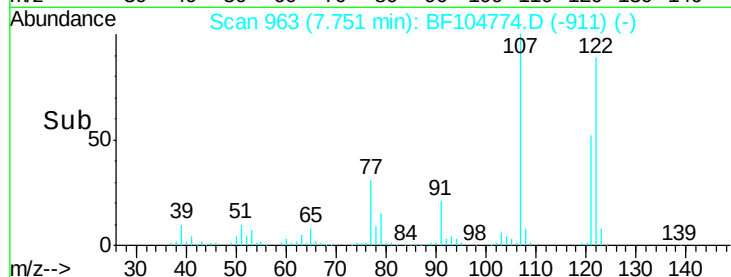
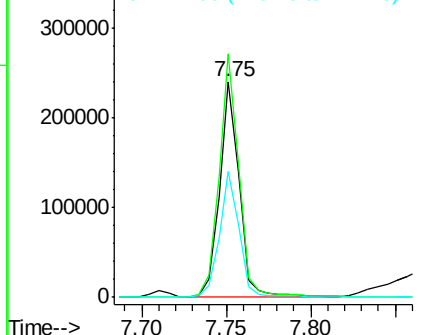
Sohil
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 33.130 ng

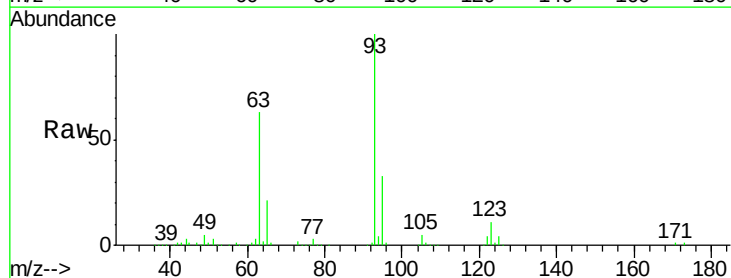
RT: 7.84 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF104774.D

Acq: 24 Apr 2018 23:15

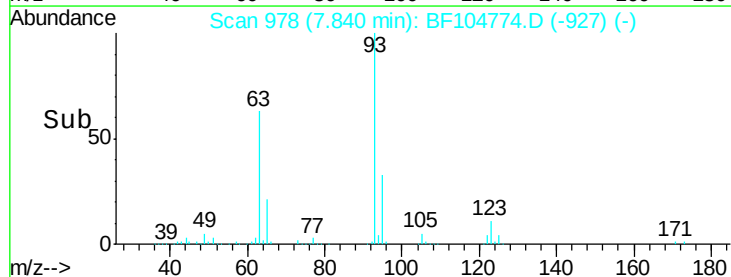
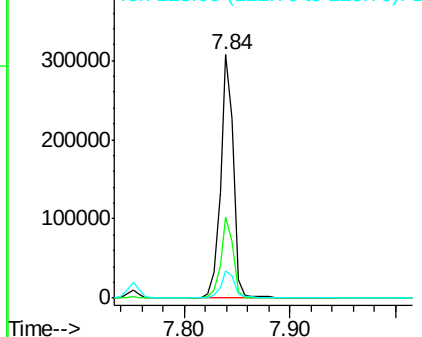
Tgt Ion:	93	Resp:	263554
Ion Ratio	Lower	Upper	
93	100		
95	33.1	26.3	39.5
123	11.0	9.8	14.6

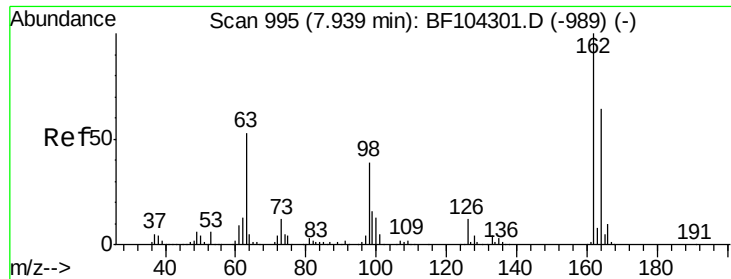


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





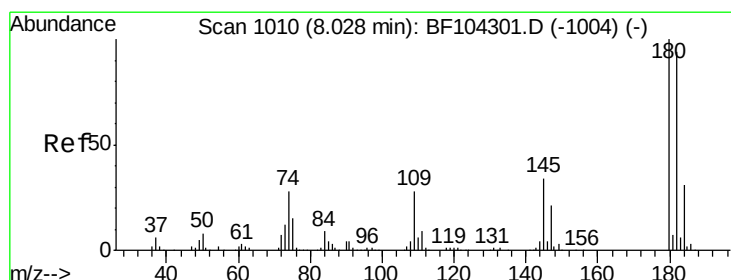
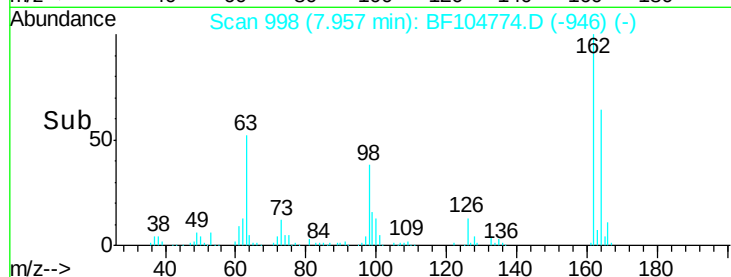
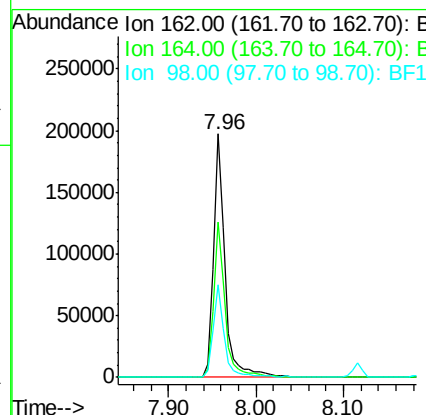
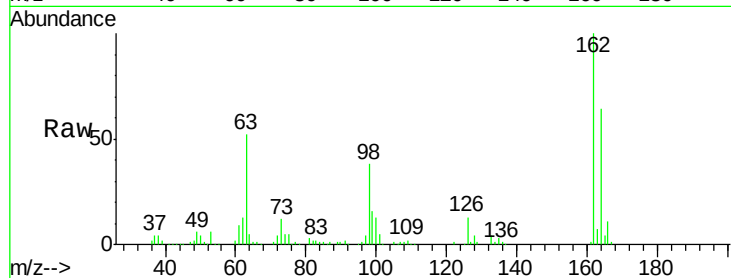
#29
2,4-Dichlorophenol
Concen: 33.075 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.01 min
Lab File: BF104774.D
Acq: 24 Apr 2018 23:15

Instrument :
BNA_F
ClientSampled :
PB108528BS

Tot Ion:	162	Resp:	181219
Ion Ratio	Lower	Upper	
162	100		
164	63.9	42.7	82.7
98	38.3	18.1	58.1

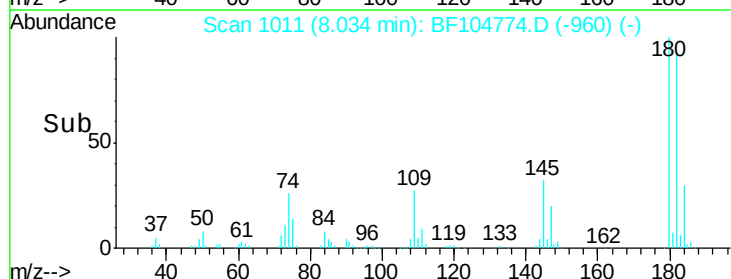
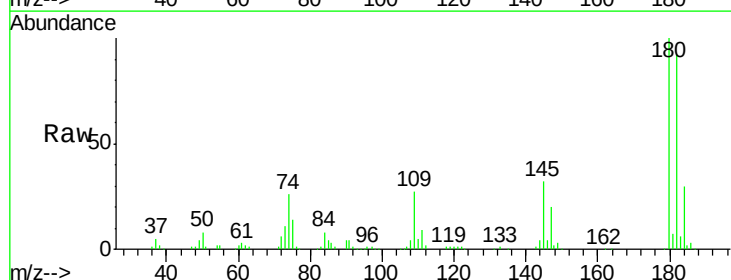
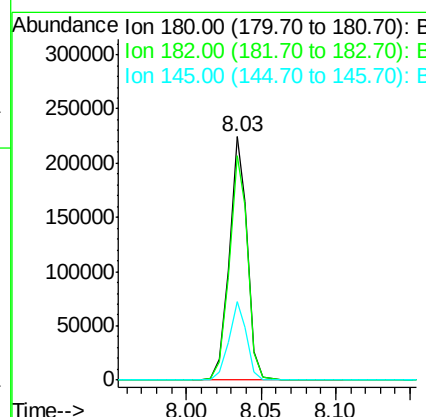
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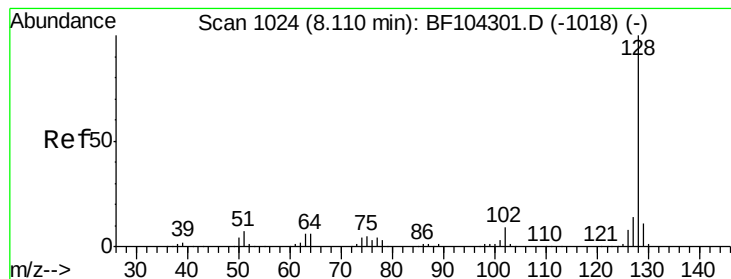
Sohil
4/25/2018 4:22:27 PM



#30
1,2,4-Trichlorobenzene
Concen: 31.913 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF104774.D
Acq: 24 Apr 2018 23:15

Tgt Ion:	180	Resp:	191889
Ion Ratio	Lower	Upper	
180	100		
182	92.4	76.8	115.2
145	32.0	26.5	39.7





#31

Naphthalene

Concen: 31.464 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BF104774.D

Acq: 24 Apr 2018 23:15

Instrument :

BNA_F

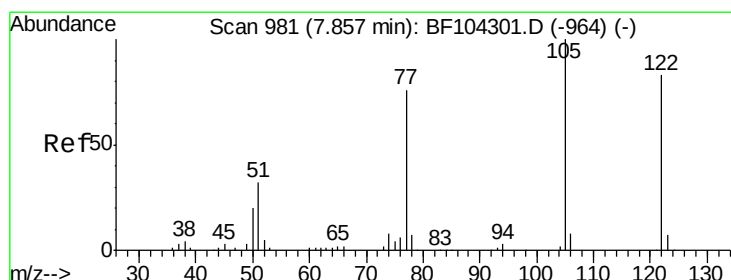
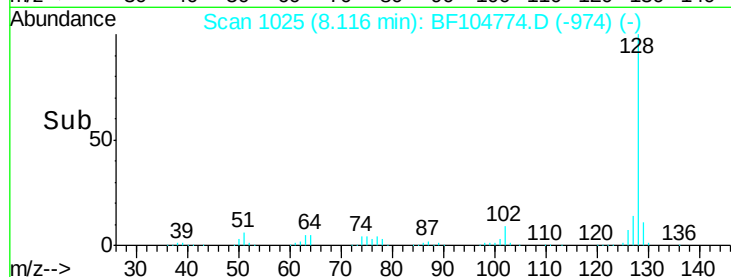
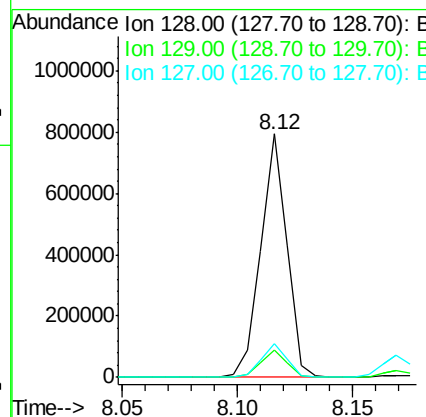
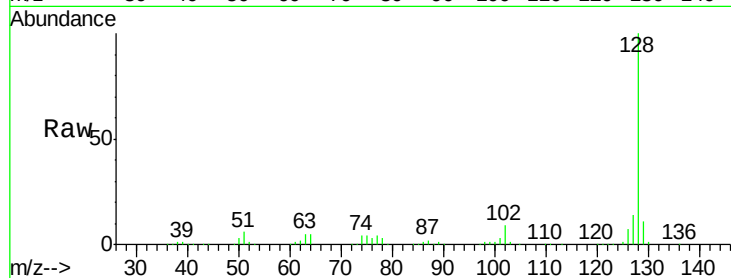
ClientSampled :

PB108528BS

Tot Ion:	128	Resp:	629472
Ion Ratio	Lower	Upper	
128	100		
129	11.2	8.8	13.2
127	13.7	10.9	16.3

Manual Integrations
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4/25/2018 4:22:27 PM



#32

Benzoic acid

Concen: 14.844 ng m

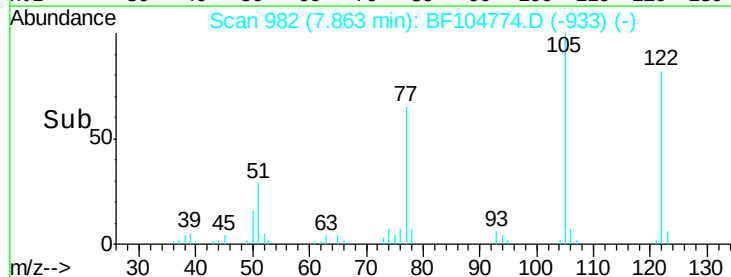
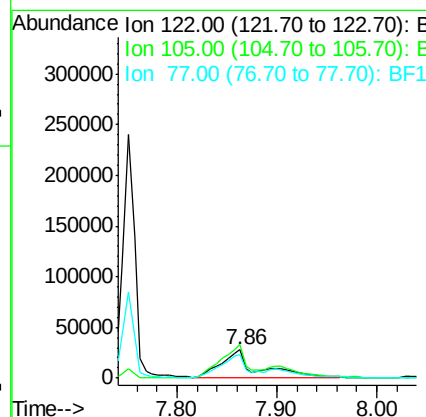
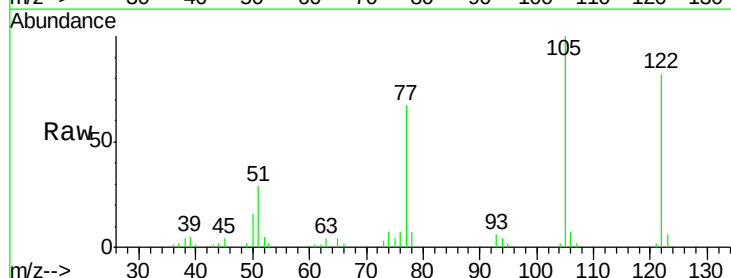
RT: 7.86 min Scan# 982

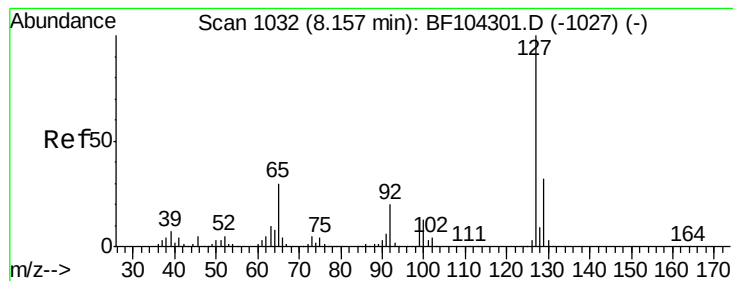
Delta R.T. -0.01 min

Lab File: BF104774.D

Acq: 24 Apr 2018 23:15

Tgt Ion:	122	Resp:	68011
Ion Ratio	Lower	Upper	
122	100		
105	121.6	101.1	141.1
77	81.8	70.7	110.7





#33

4-Chloroaniline

Concen: 8.853 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.01 min

Lab File: BF104774.D

Acq: 24 Apr 2018 23:15

Instrument :

BNA_F

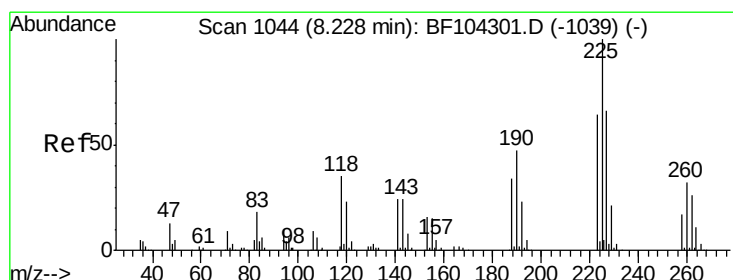
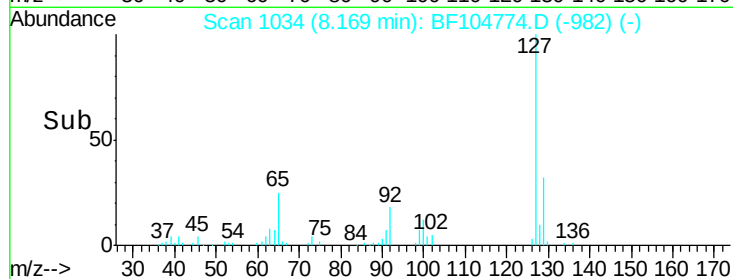
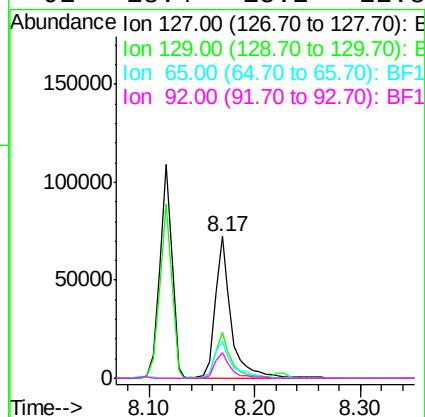
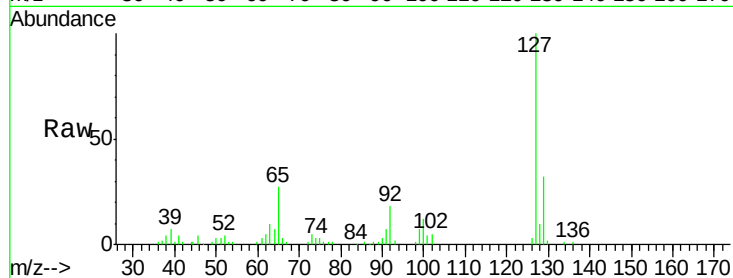
ClientSampleId :

PB108528BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3		25.9	38.9	
65	26.7		25.0	37.4	
92	18.4		15.2	22.8	

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#34

Hexachlorobutadiene

Concen: 31.950 ng

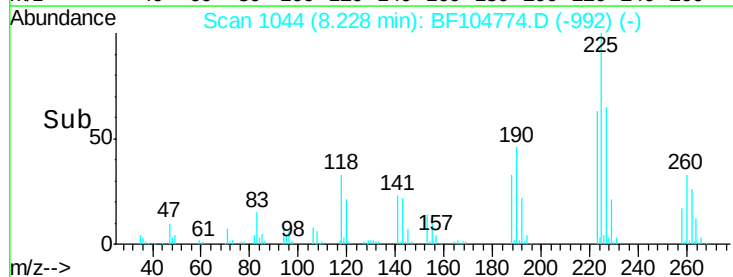
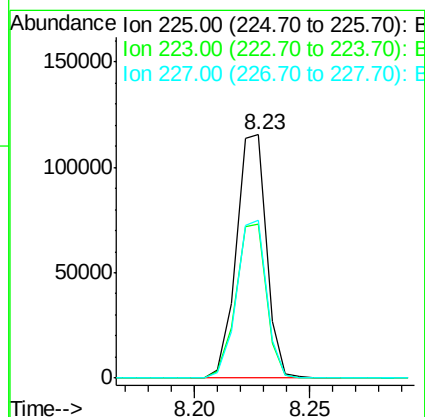
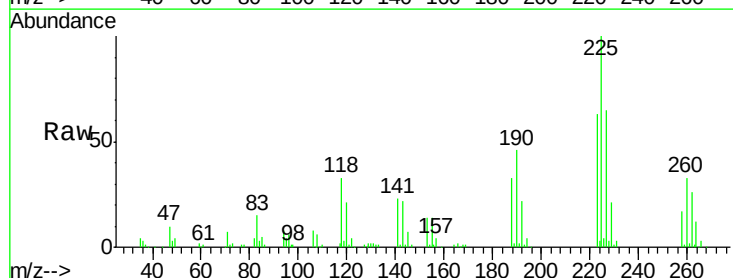
RT: 8.23 min Scan# 1044

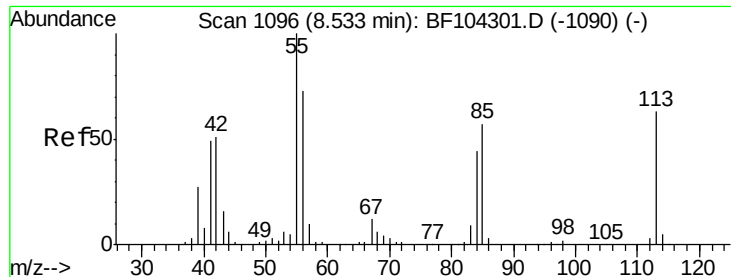
Delta R.T. 0.01 min

Lab File: BF104774.D

Acq: 24 Apr 2018 23:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.3		50.6	76.0	
227	65.1		51.9	77.9	





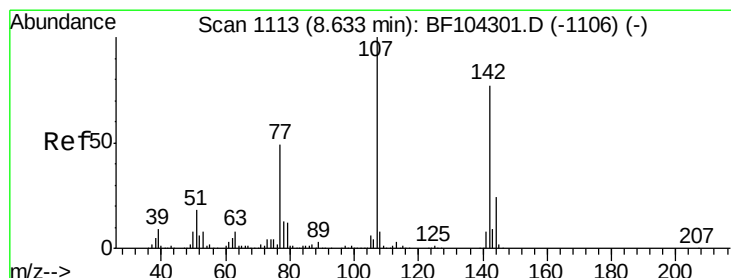
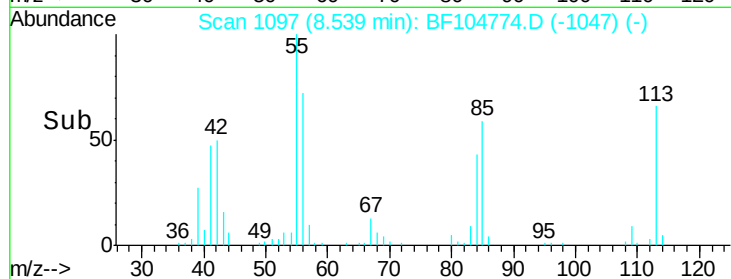
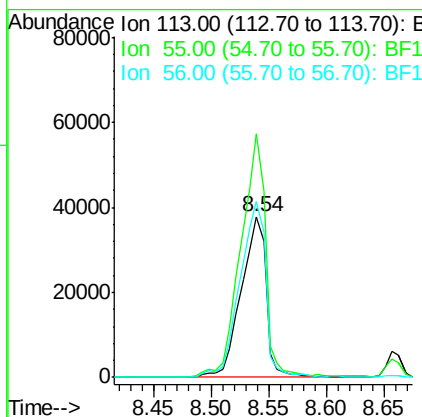
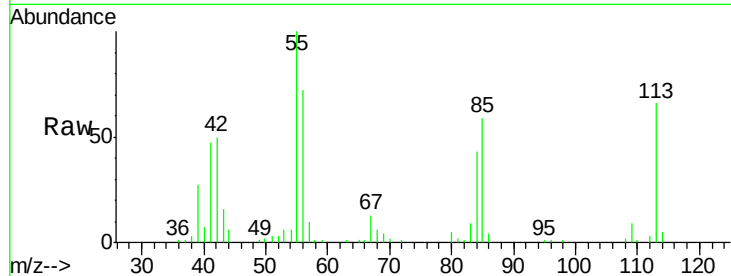
#35
 Caprolactam
 Concen: 29.678 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BF104774.D
 Acq: 24 Apr 2018 23:15

Instrument :
 BNA_F
 ClientSampleId :
 PB108528BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	151.6	163.3	203.3#
56	109.4	115.7	155.7#

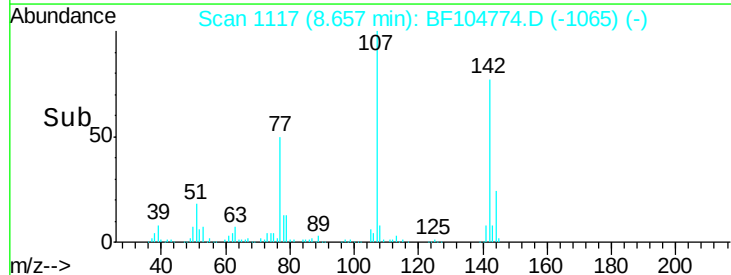
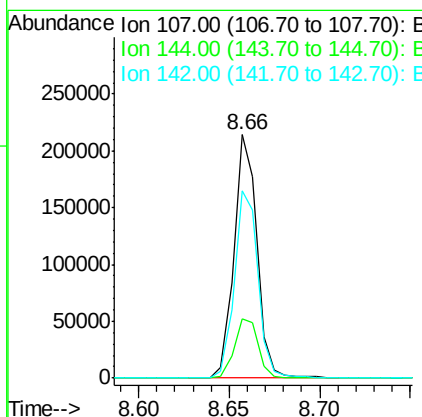
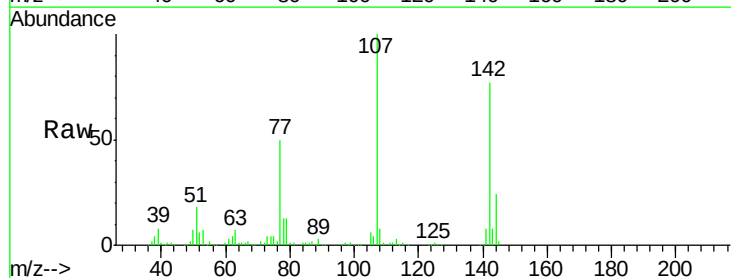
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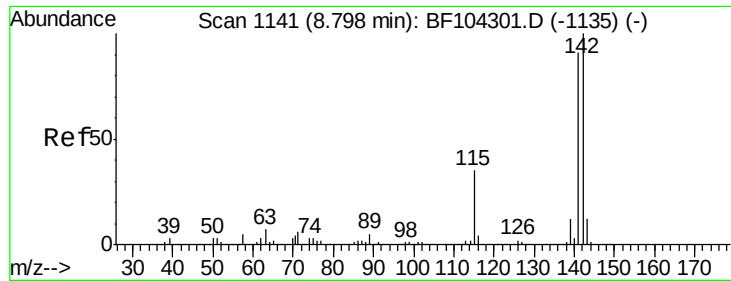
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#36
 4-Chloro-3-methylphenol
 Concen: 32.221 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. 0.01 min
 Lab File: BF104774.D
 Acq: 24 Apr 2018 23:15

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.3	20.5	30.7
142	76.7	62.0	93.0





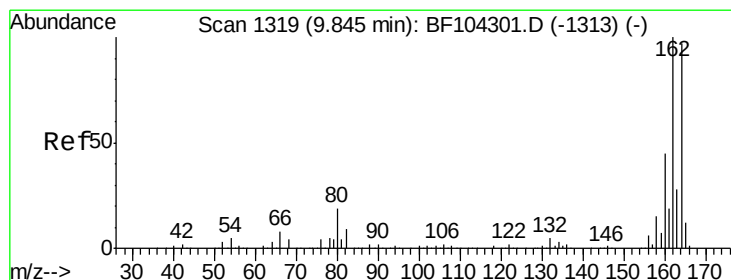
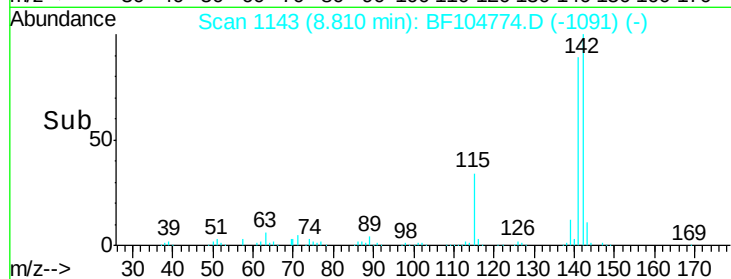
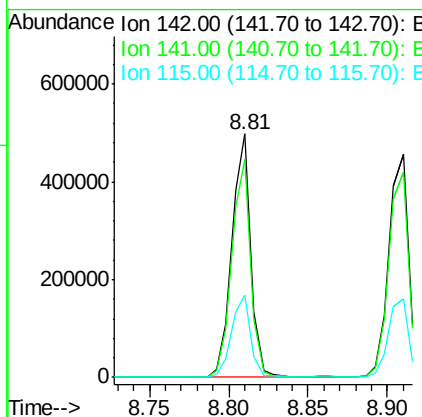
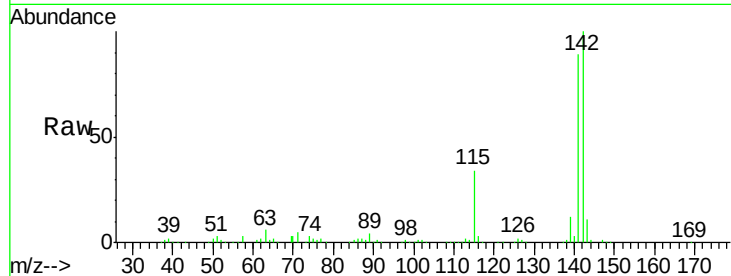
#37
2-Methylnaphthalene
Concen: 31.981 ng
RT: 8.81 min Scan# 1143
Delta R.T. 0.01 min
Lab File: BF104774.D
Acq: 24 Apr 2018 23:15

Instrument :
BNA_F
ClientSampleId :
PB108528BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.8	106.2
115	34.0	26.1	39.1

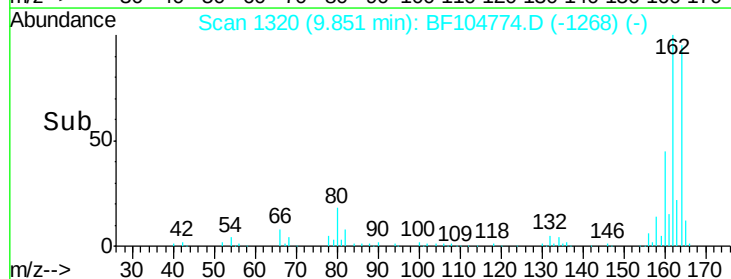
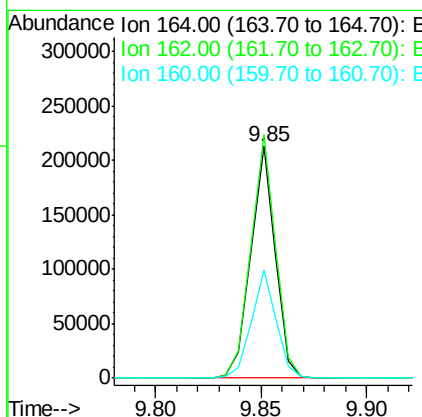
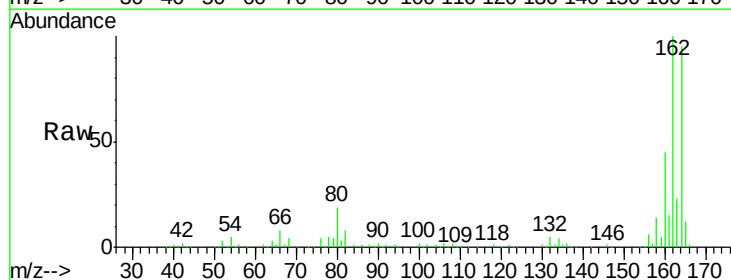
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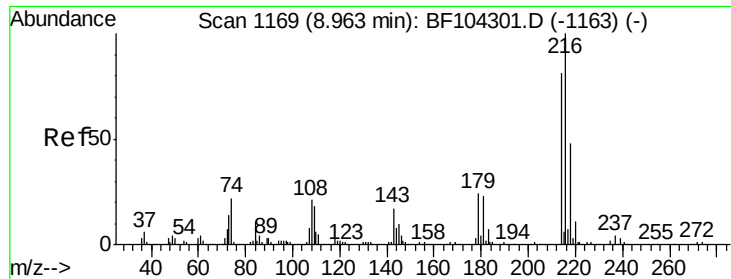
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.01 min
Lab File: BF104774.D
Acq: 24 Apr 2018 23:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.1	86.1	129.1
160	46.8	38.3	57.5





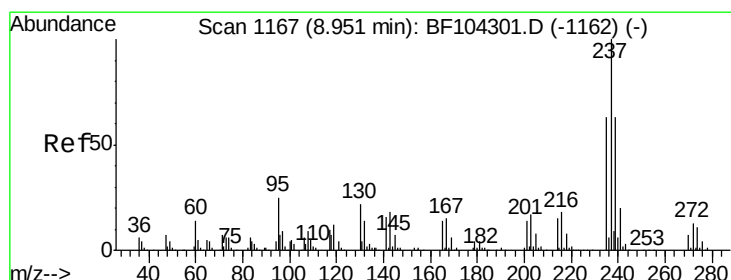
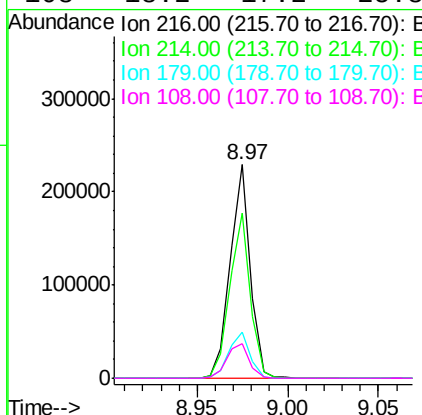
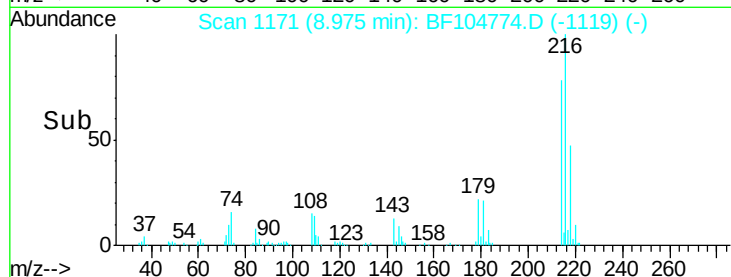
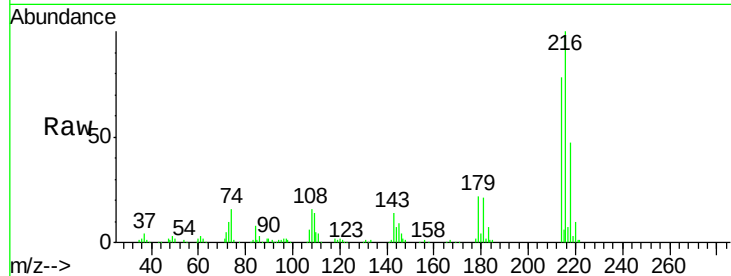
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.237 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. 0.01 min
 Lab File: BF104774.D
 Acq: 24 Apr 2018 23:15

Instrument :
 BNA_F
 ClientSampleId :
 PB108528BS

Tot Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.0	94.4
179	22.6	18.1	27.1
108	18.2	17.2	25.8

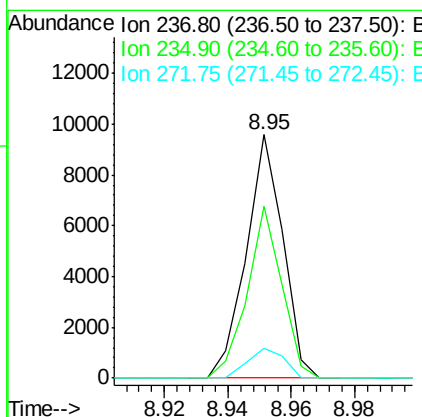
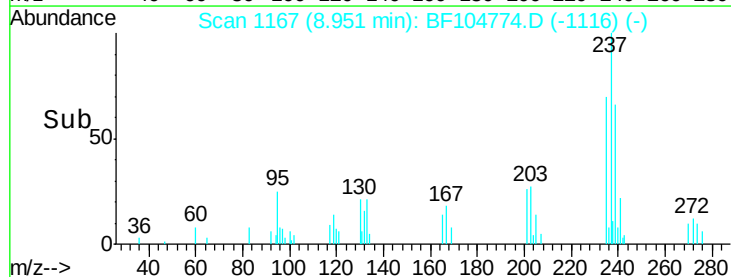
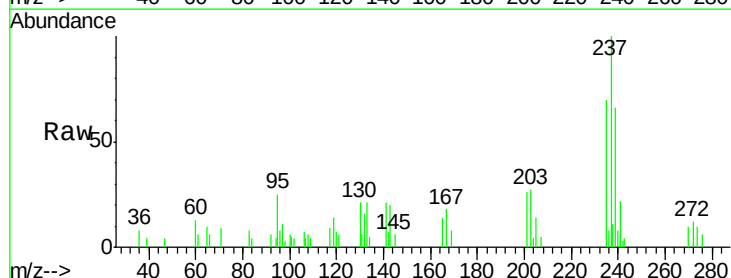
Manual Integrations
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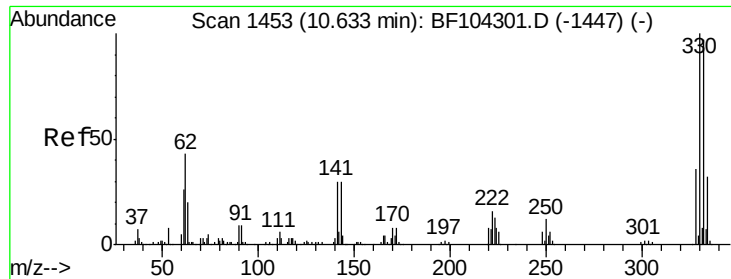
Sohil
 4/25/2018 4:22:27 PM



#40
 Hexachlorocyclopentadiene
 Concen: 2.790 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: BF104774.D
 Acq: 24 Apr 2018 23:15

Tgt Ion	Ratio	Lower	Upper
237	100		
235	70.4	44.8	84.8
272	12.0	0.0	33.3





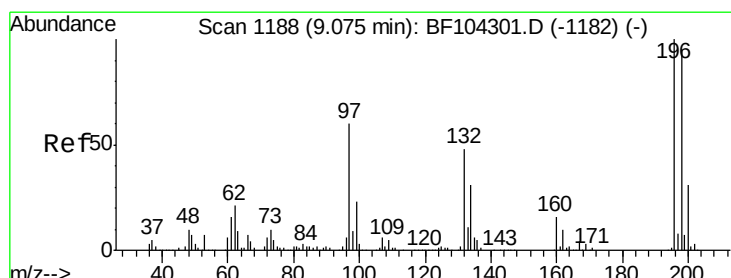
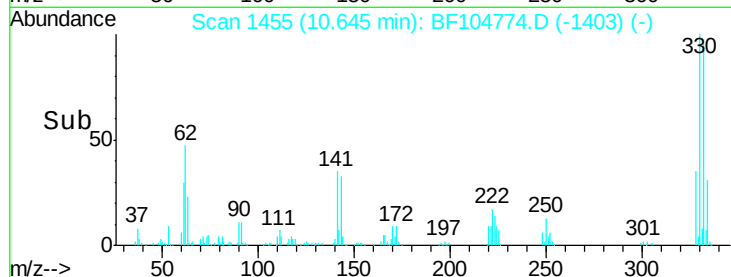
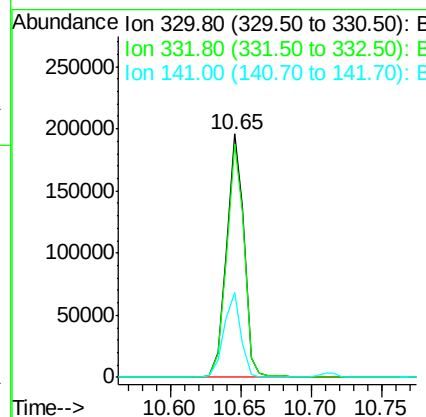
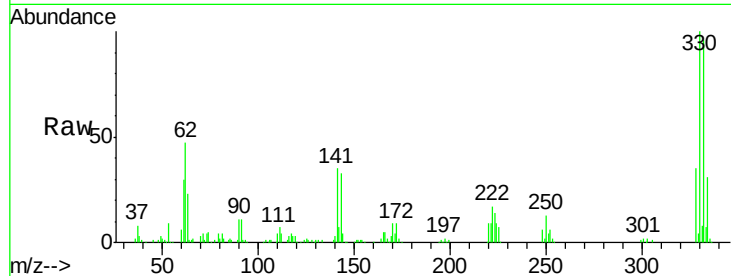
#41
 2,4,6-Tribromophenol
 Concen: 94.273 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.01 min
 Lab File: BF104774.D
 Acq: 24 Apr 2018 23:15

Instrument :
 BNA_F
 ClientSampled :
 PB108528BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	168024		
332	96.2	77.0	115.6	
141	34.1	29.9	44.9	

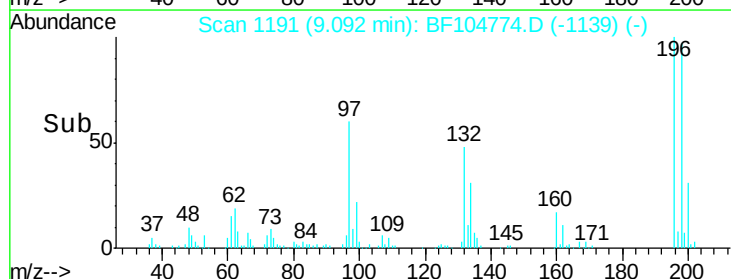
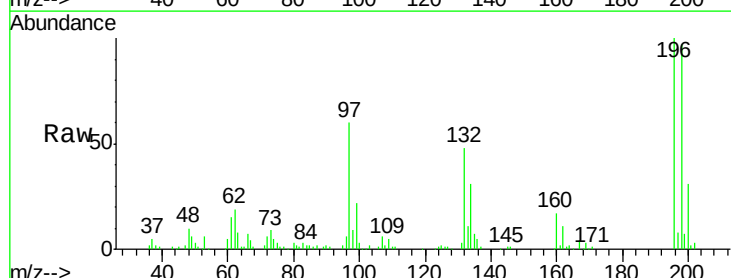
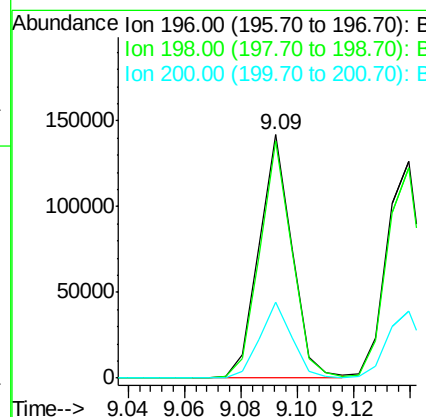
Manual Integrations
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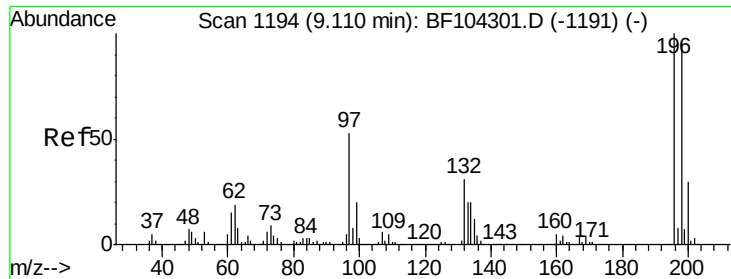
Sohil
 4/25/2018 4:22:27 PM



#42
 2,4,6-Trichlorophenol
 Concen: 33.754 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF104774.D
 Acq: 24 Apr 2018 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	115246		
198	97.3	75.7	113.5	
200	31.2	24.5	36.7	





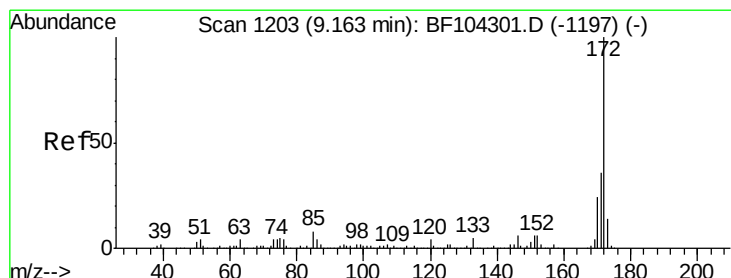
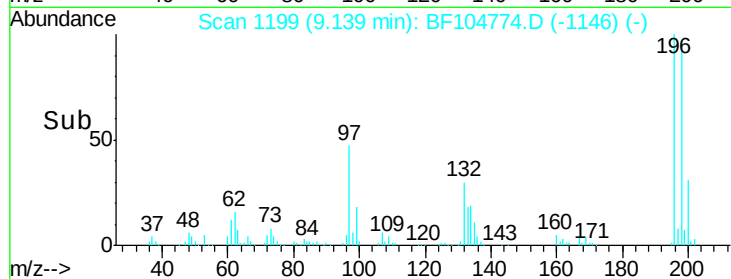
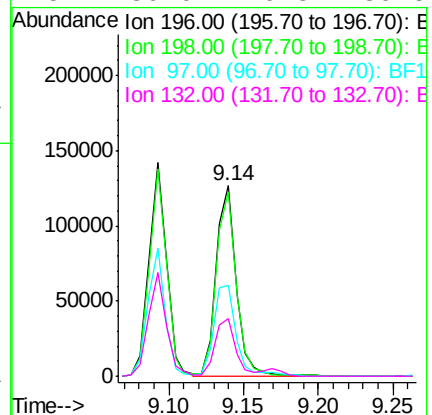
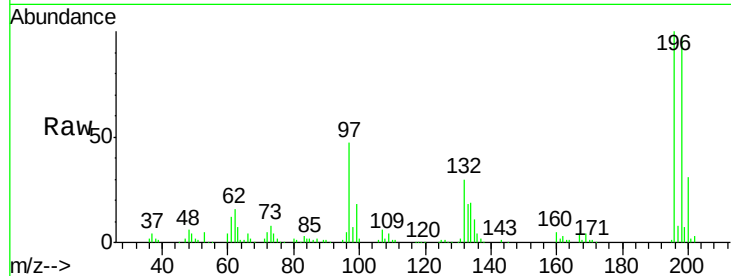
#43
 2,4,5-Trichlorophenol
 Concen: 31.260 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF104774.D
 Acq: 24 Apr 2018 23:15

Instrument :
 BNA_F
 ClientSampled :
 PB108528BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		119436		
198	96.9	74.6	112.0		
97	47.4	42.9	64.3		
132	30.0	26.3	39.5		

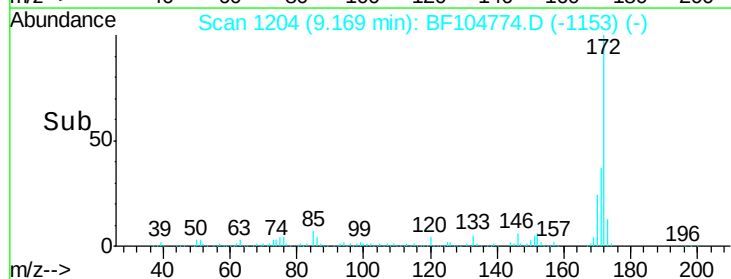
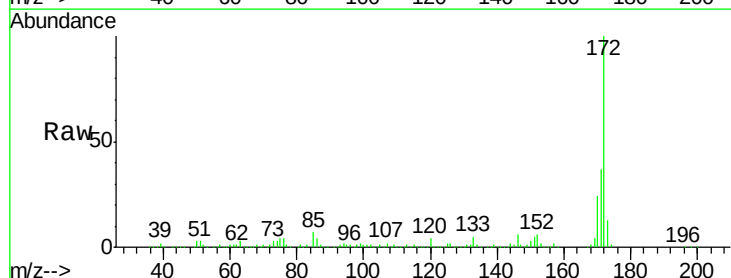
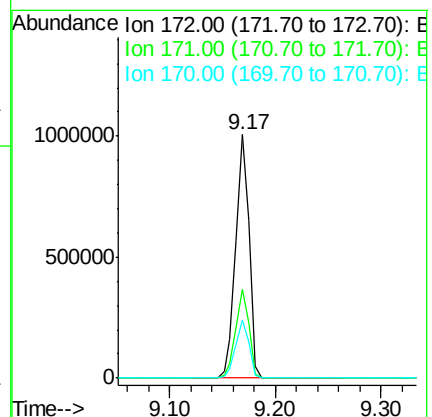
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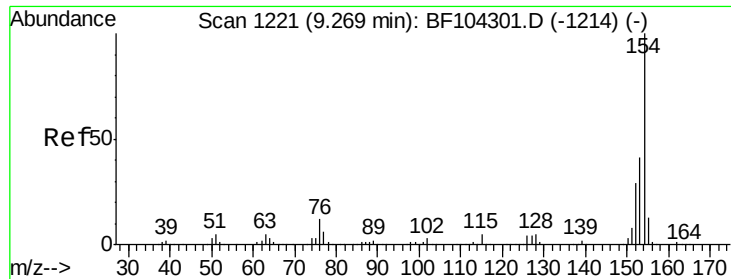
Sohil
 4/25/2018 4:22:27 PM



#44
 2-Fluorobiphenyl
 Concen: 80.692 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF104774.D
 Acq: 24 Apr 2018 23:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		877628		
171	36.6	29.7	44.5		
170	24.1	19.6	29.4		





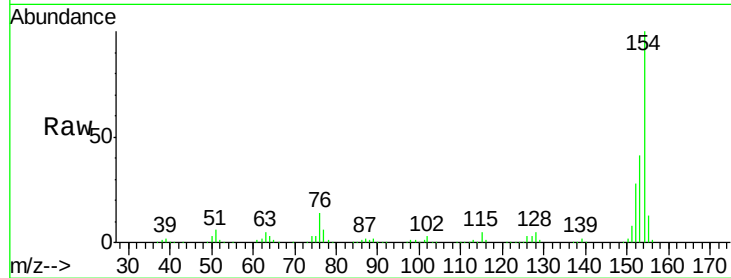
#45
 1,1'-Biphenyl
 Concen: 33.650 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.00 min
 Lab File: BF104774.D
 Acq: 24 Apr 2018 23:15

Instrument :
 BNA_F
 ClientSampleId :
 PB108528BS

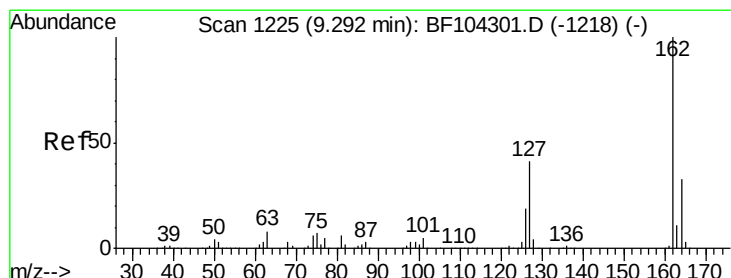
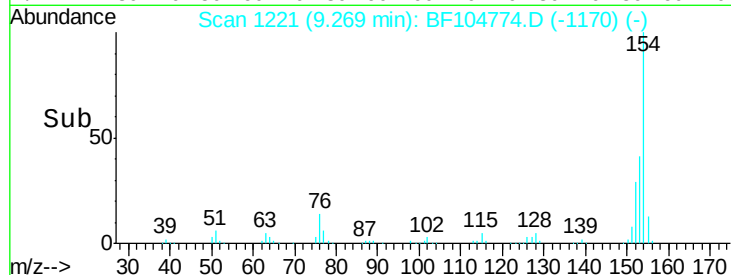
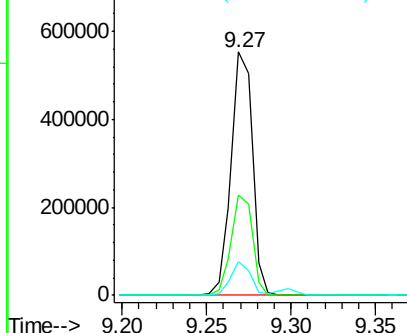
Tot Ion:	154	Resp:	485701
Ion Ratio	Lower	Upper	
154	100		
153	41.1	21.3	61.3
76	14.0	0.0	34.0

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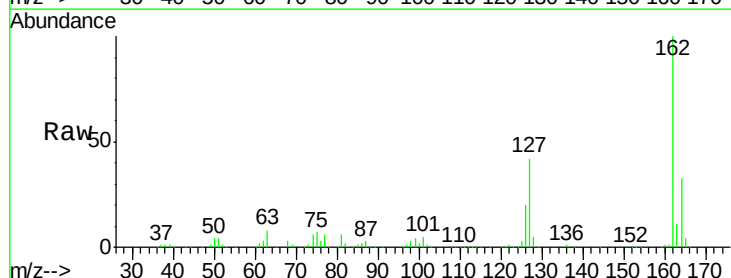


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

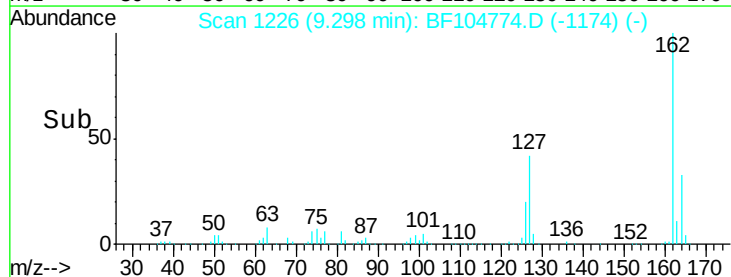
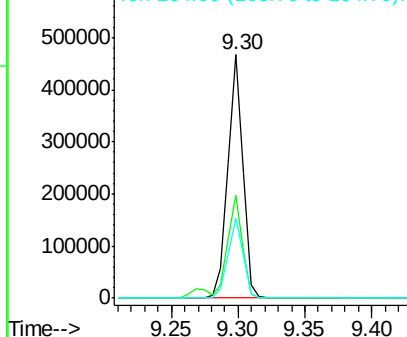


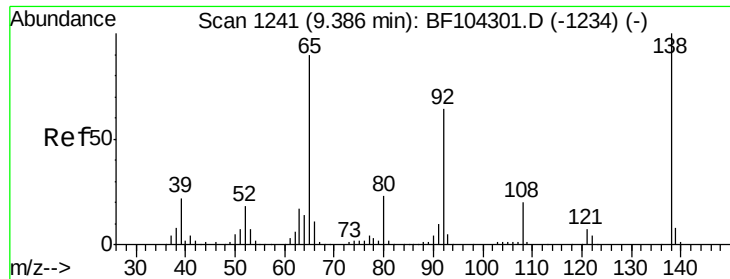
#46
 2-Chloronaphthalene
 Concen: 32.881 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. 0.01 min
 Lab File: BF104774.D
 Acq: 24 Apr 2018 23:15

Tgt Ion:	162	Resp:	374877
Ion Ratio	Lower	Upper	
162	100		
127	42.3	33.9	50.9
164	32.9	26.5	39.7



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





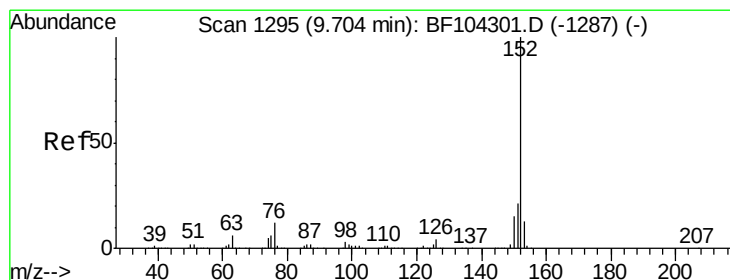
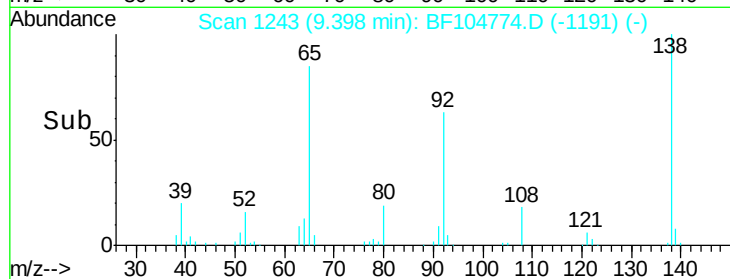
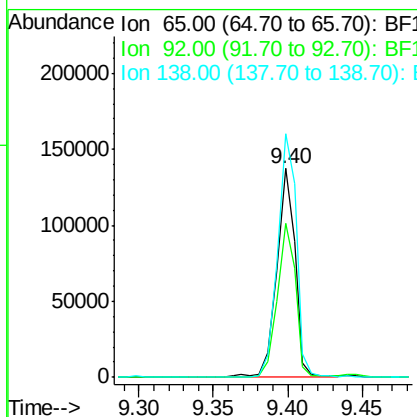
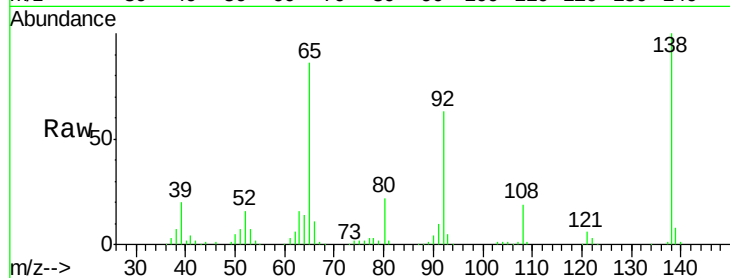
#47
 2-Nitroaniline
 Concen: 42.002 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: BF104774.D
 Acq: 24 Apr 2018 23:15

Instrument :
 BNA_F
 ClientSampleId :
 PB108528BS

Tot Ion:	65	Resp:	118423
Ion Ratio	Lower	Upper	
65	100		
92	74.0	55.8	83.6
138	116.8	91.2	136.8

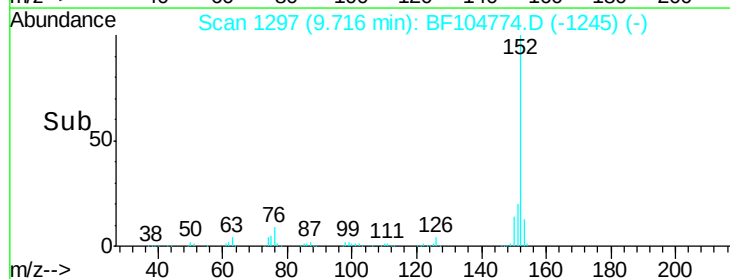
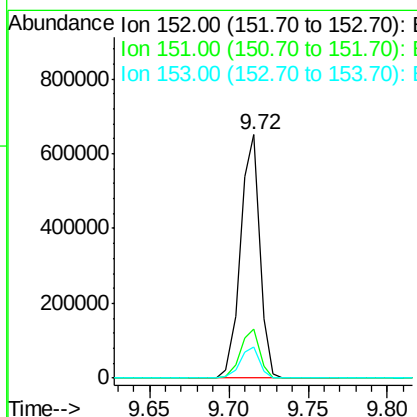
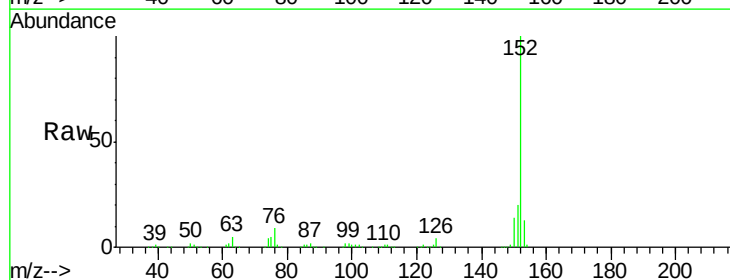
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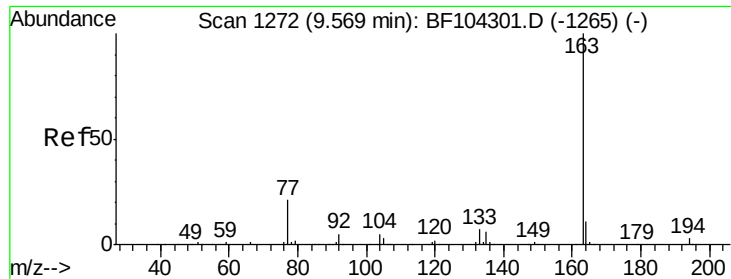
Sohil
 4/25/2018 4:22:27 PM



#48
 Acenaphthylene
 Concen: 30.714 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. 0.01 min
 Lab File: BF104774.D
 Acq: 24 Apr 2018 23:15

Tgt Ion:	152	Resp:	549401
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.3	24.5
153	12.8	10.7	16.1





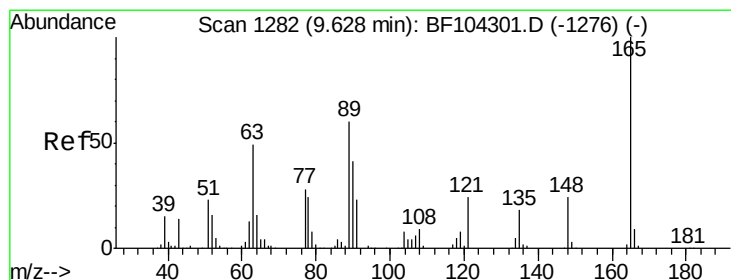
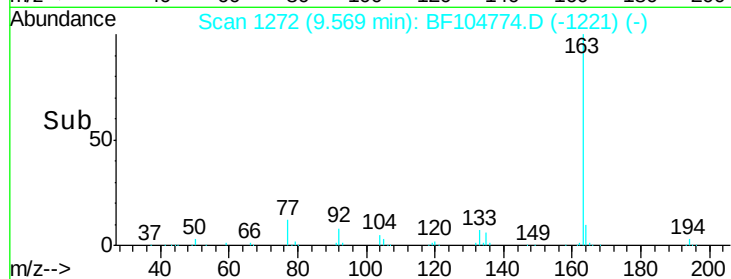
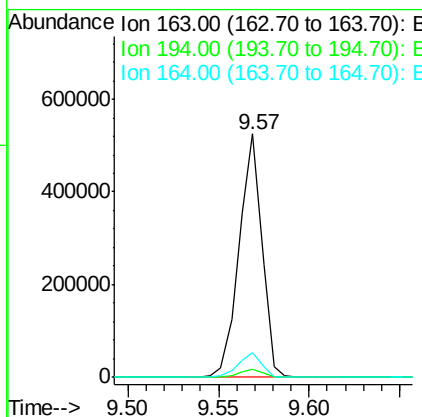
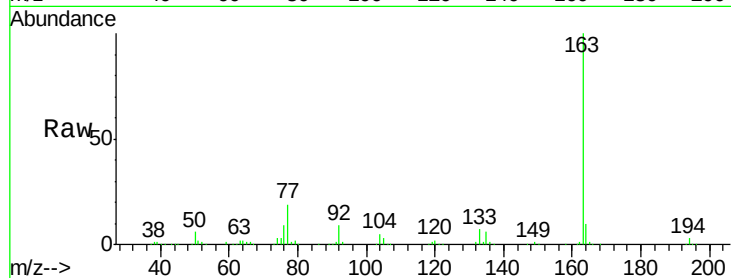
#49
Dimethylphthalate
Concen: 33.937 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BF104774.D
Acq: 24 Apr 2018 23:15

Instrument :
BNA_F
ClientSampleId :
PB108528BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		459814		
194	3.5		2.7	4.1	
164	10.1		8.2	12.2	

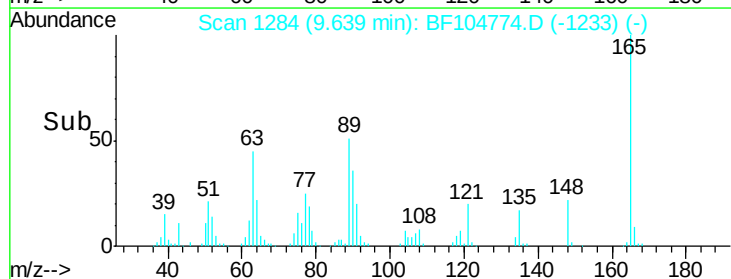
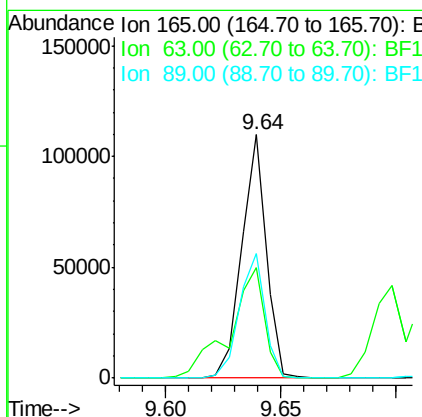
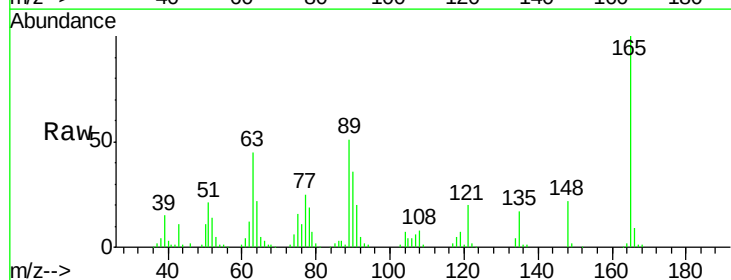
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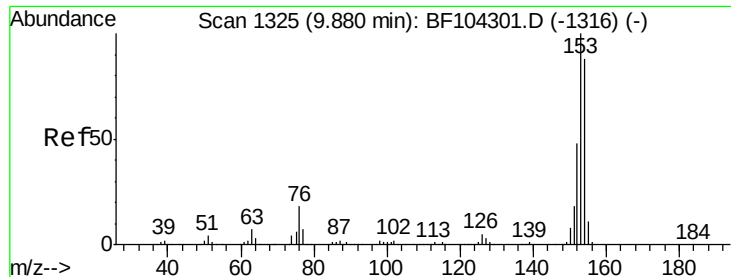
Sohil
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#50
2,6-Dinitrotoluene
Concen: 32.514 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BF104774.D
Acq: 24 Apr 2018 23:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
165	100		81516		
63	45.5		44.7	67.1	
89	51.3		44.0	66.0	





#51

Acenaphthene

Concen: 29.257 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.01 min

Lab File: BF104774.D

Acq: 24 Apr 2018 23:15

Instrument :

BNA_F

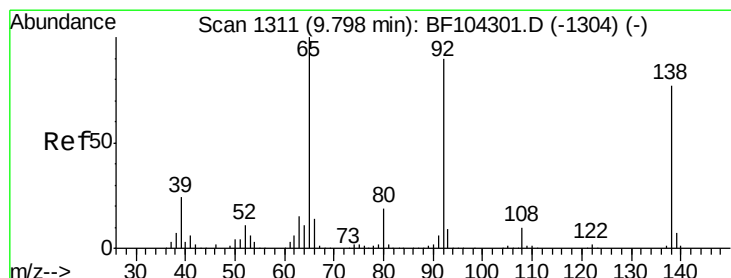
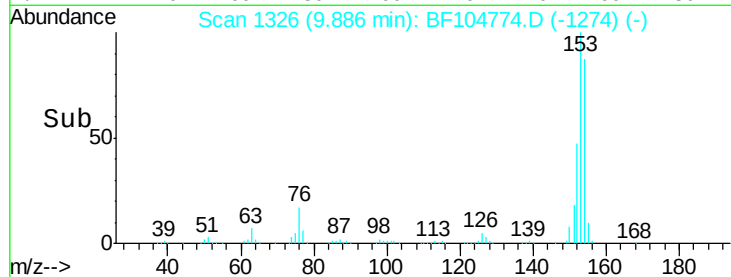
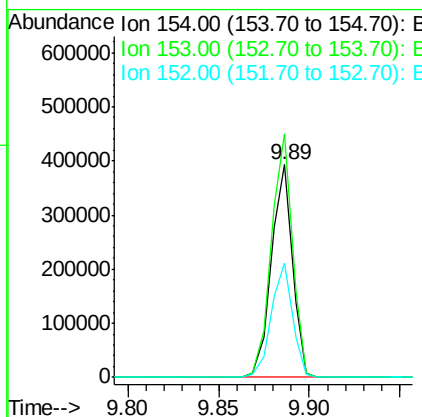
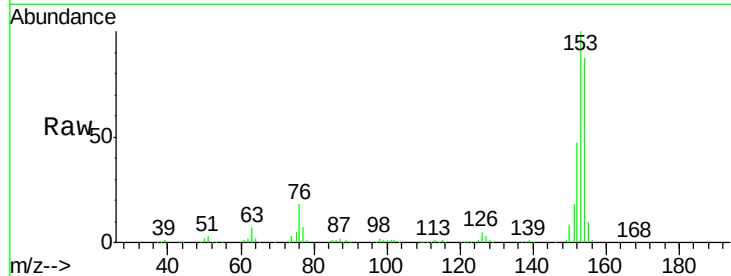
ClientSampleId :

PB108528BS

Tot Ion:	154	Resp:	319309
Ion Ratio	Lower	Upper	
154	100		
153	114.6	91.2	136.8
152	53.6	43.8	65.8

Manual Integrations
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#52

3-Nitroaniline

Concen: 36.895 ng

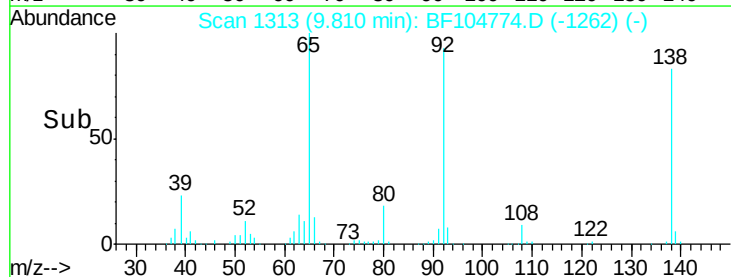
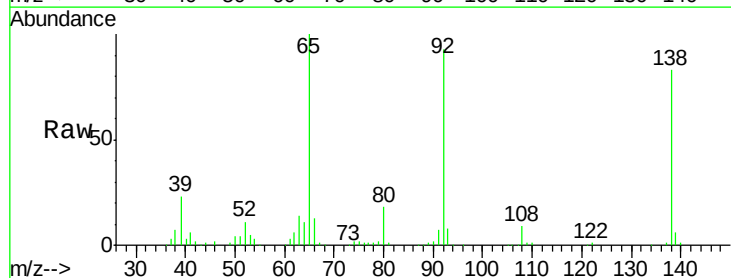
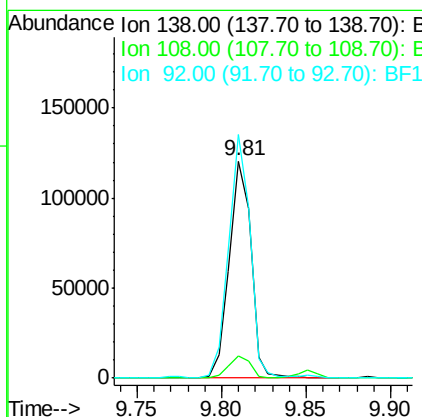
RT: 9.81 min Scan# 1313

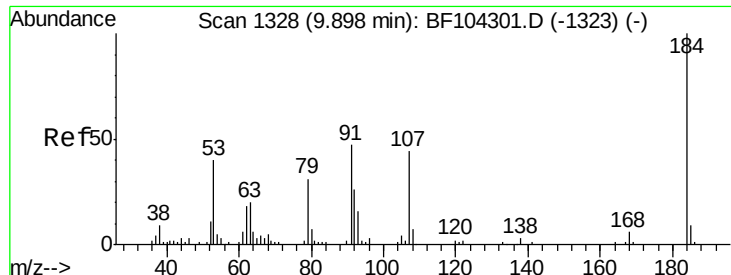
Delta R.T. -0.00 min

Lab File: BF104774.D

Acq: 24 Apr 2018 23:15

Tgt Ion:	138	Resp:	108291
Ion Ratio	Lower	Upper	
138	100		
108	10.4	9.4	14.0
92	112.1	89.4	134.2





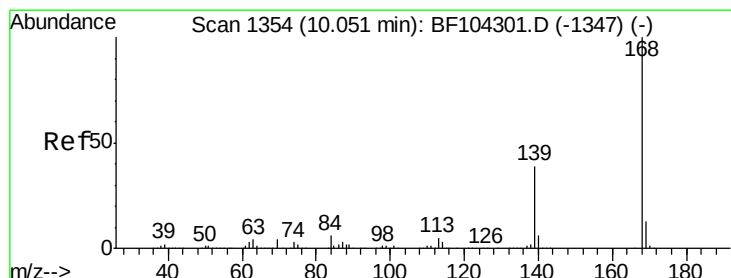
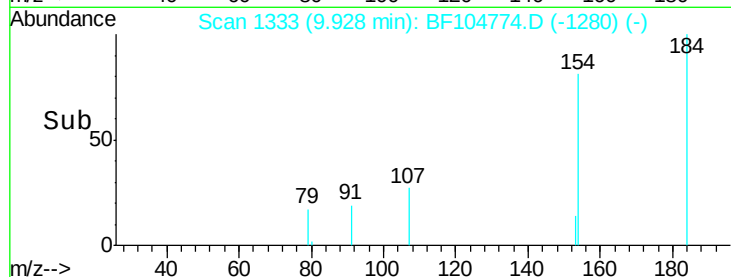
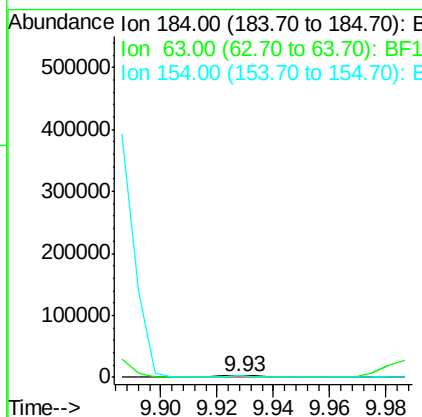
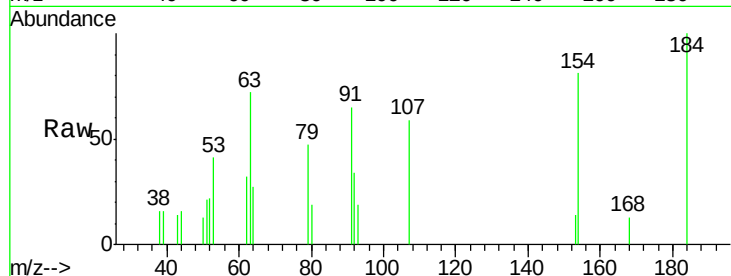
#53
 2,4-Dinitrophenol
 Concen: 9.080 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.01 min
 Lab File: BF104774.D
 Acq: 24 Apr 2018 23:15

Instrument :
 BNA_F
 ClientSampled :
 PB108528BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	72.0	54.2	81.2
154	81.5	184.0	276.0#

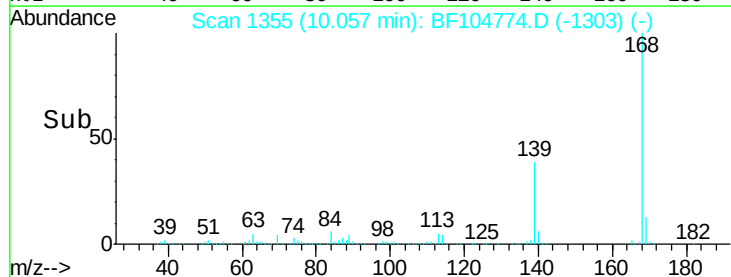
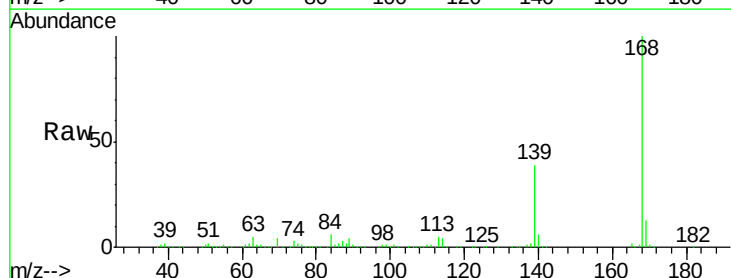
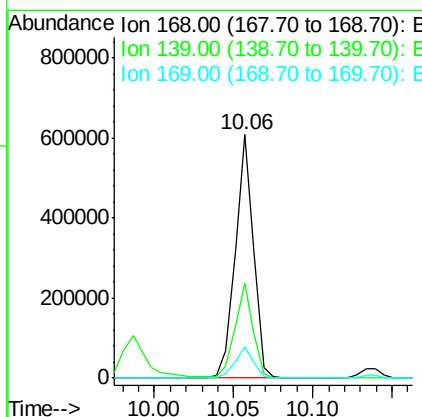
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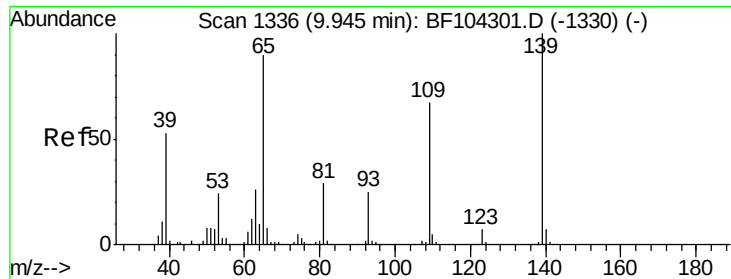
Sohil
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#54
 Dibenzofuran
 Concen: 31.569 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. 0.01 min
 Lab File: BF104774.D
 Acq: 24 Apr 2018 23:15

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.9	30.1	45.1
169	13.1	10.9	16.3





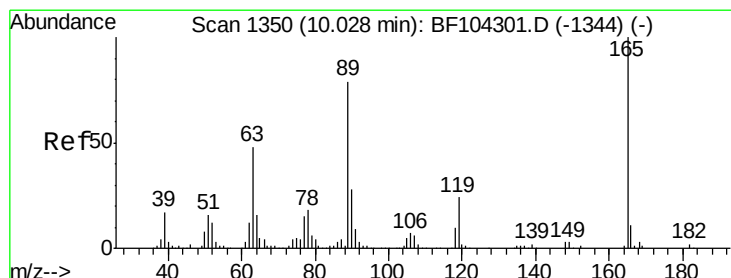
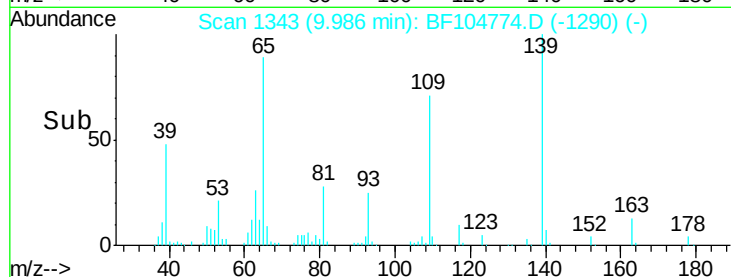
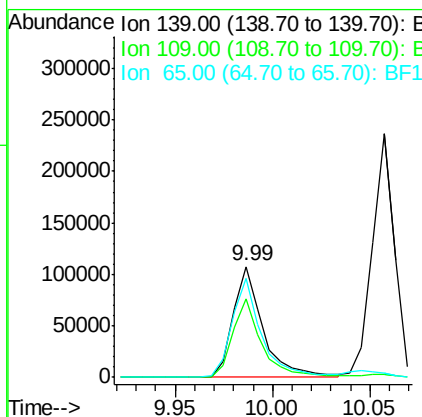
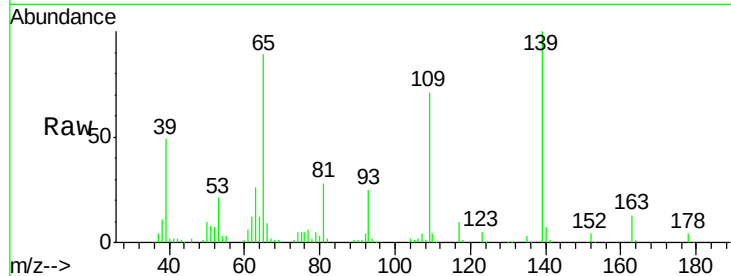
#55
4-Nitrophenol
Concen: 49.711 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF104774.D
Acq: 24 Apr 2018 23:15

Instrument :
BNA_F
ClientSampleId :
PB108528BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	114614		
109	70.5	48.4	88.4	
65	88.9	72.6	112.6	

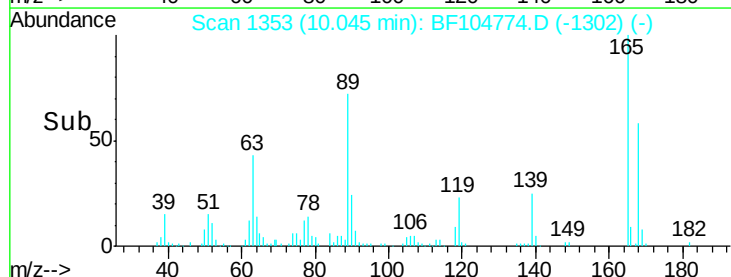
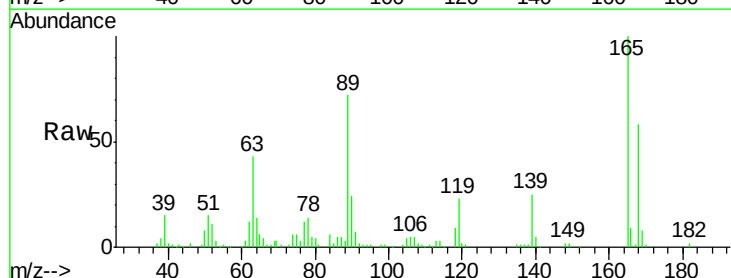
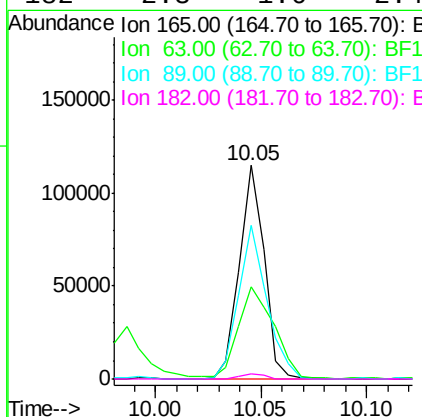
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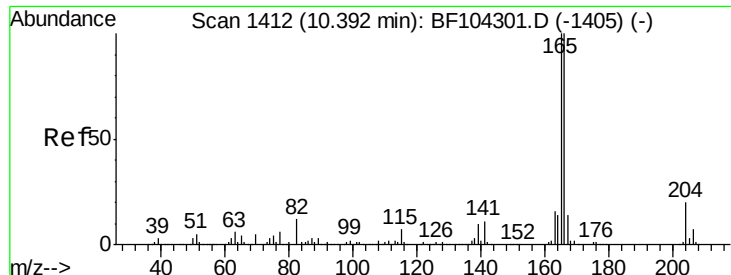
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#56
2,4-Dinitrotoluene
Concen: 28.474 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF104774.D
Acq: 24 Apr 2018 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	93640		
63	43.1	36.4	54.6	
89	71.7	57.8	86.6	
182	2.3	1.6	2.4	





#57

Fluorene

Concen: 33.588 ng

RT: 10.40 min Scan# 1414

Delta R.T. 0.01 min

Lab File: BF104774.D

Acq: 24 Apr 2018 23:15

Instrument :

BNA_F

ClientSampled :

PB108528BS

Tot Ion:166 Resp: 371838

Ion Ratio Lower Upper

166 100

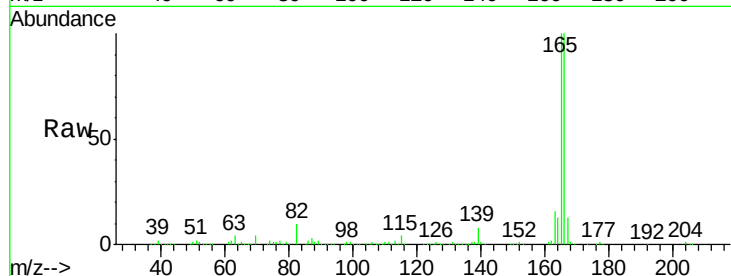
165 100.2 79.8 119.8

167 13.2 10.6 16.0

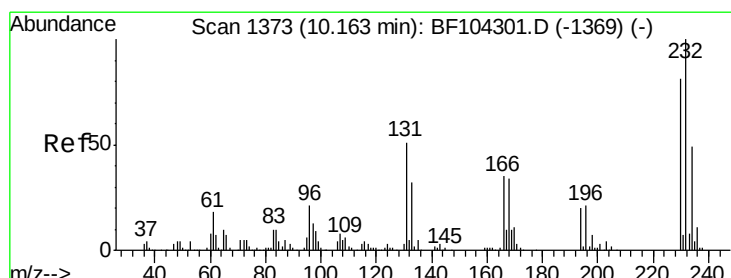
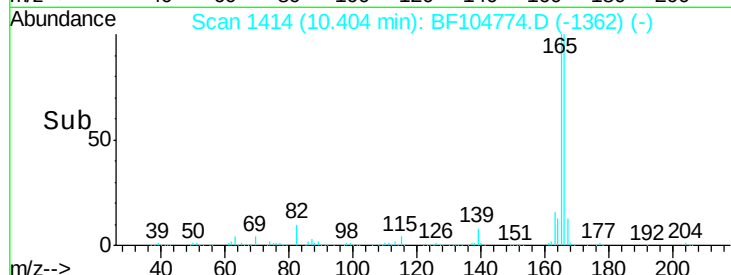
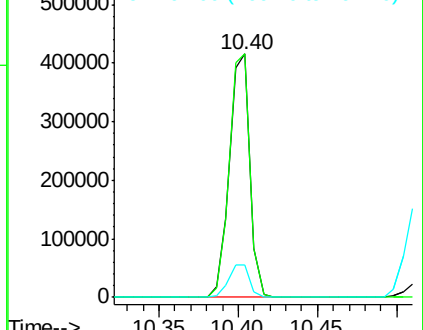
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 30.260 ng

RT: 10.18 min Scan# 1376

Delta R.T. 0.01 min

Lab File: BF104774.D

Acq: 24 Apr 2018 23:15

Tgt Ion:232 Resp: 86254

Ion Ratio Lower Upper

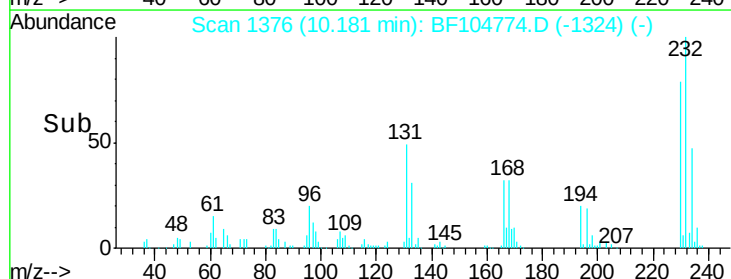
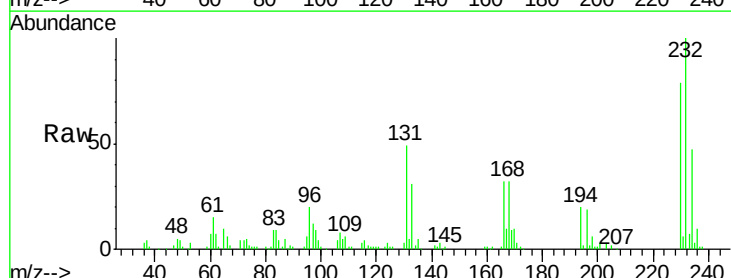
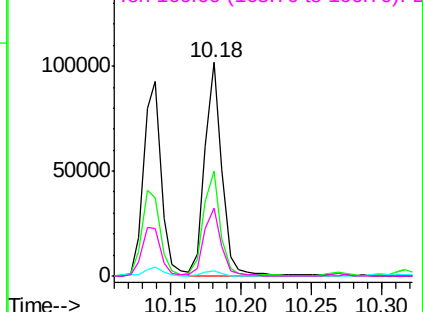
232 100

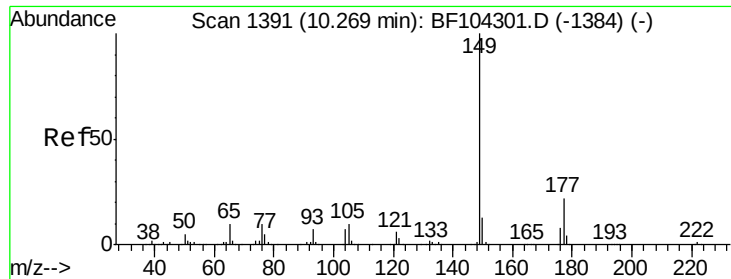
131 49.2 43.8 65.8

130 2.4 2.1 3.1

166 31.5 27.8 41.6

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





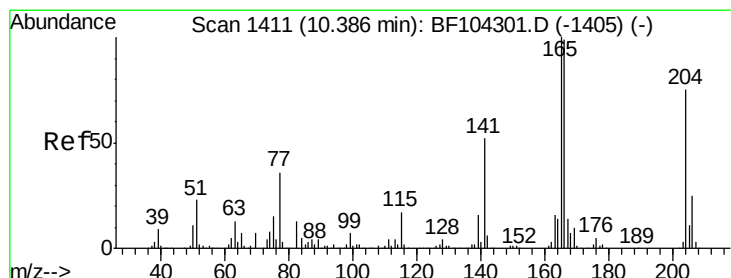
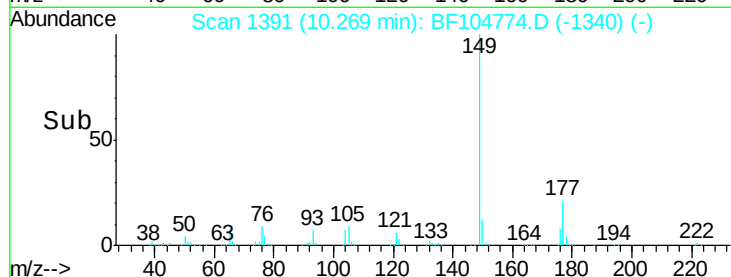
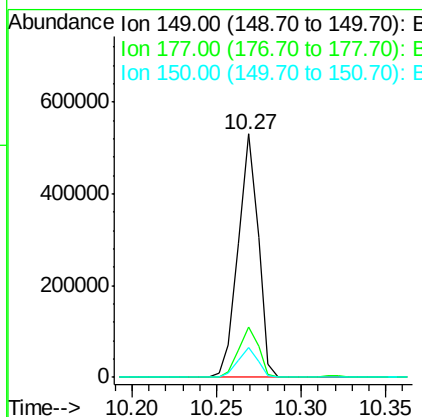
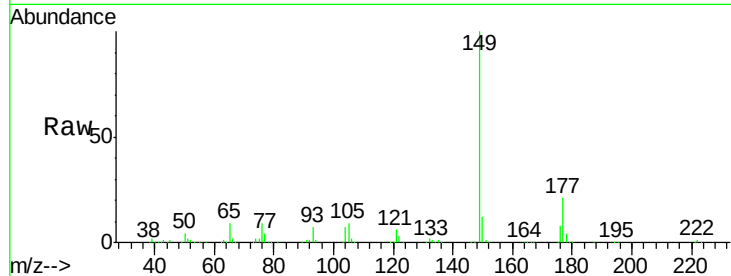
#59
Diethylphthalate
Concen: 32.527 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BF104774.D
Acq: 24 Apr 2018 23:15

Instrument :
BNA_F
ClientSampleId :
PB108528BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.9	16.1	24.1
150	12.1	10.1	15.1

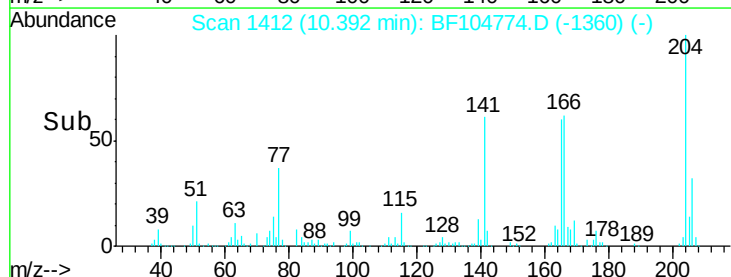
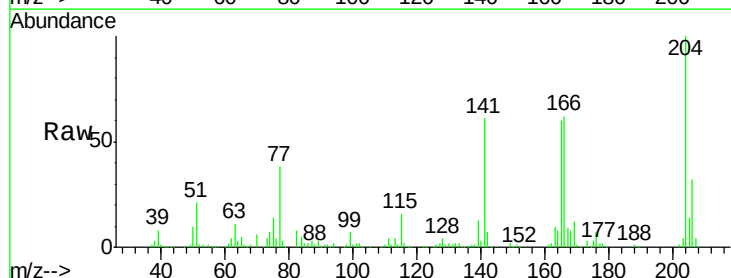
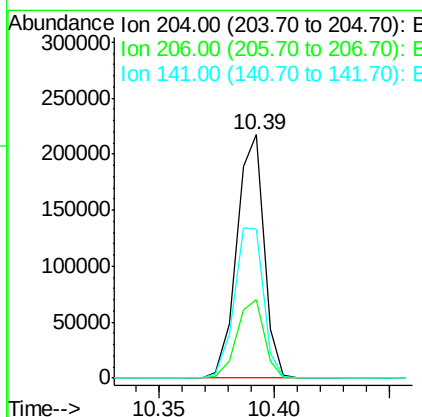
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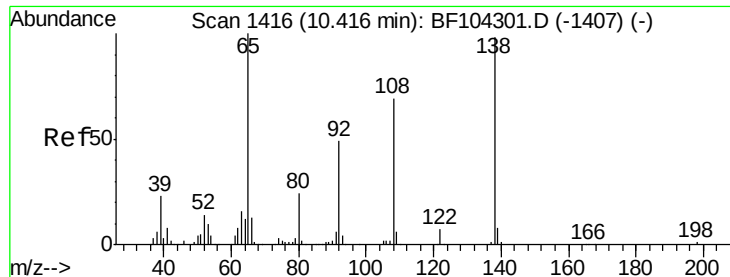
Sohil
4/25/2018 4:22:27 PM



#60
4-Chlorophenyl-phenylether
Concen: 36.289 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF104774.D
Acq: 24 Apr 2018 23:15

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.5	39.7
141	61.3	54.6	81.8





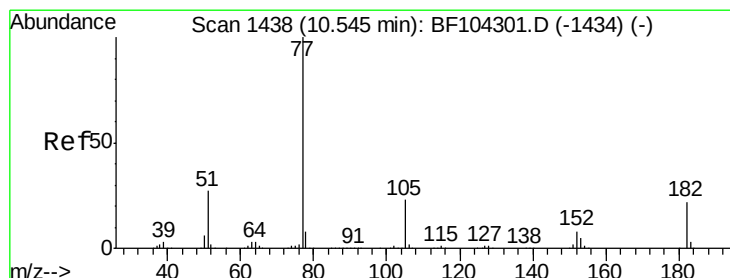
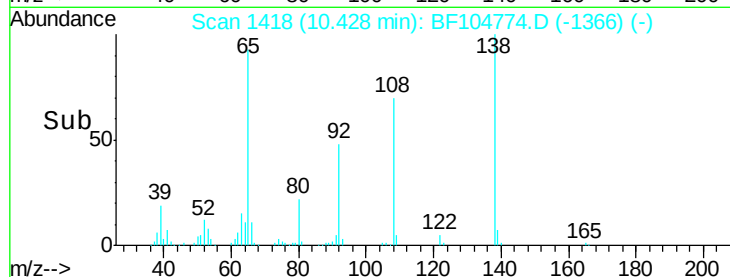
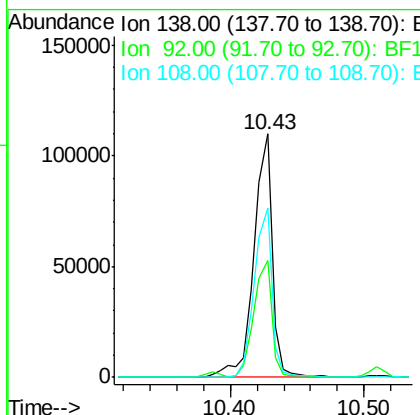
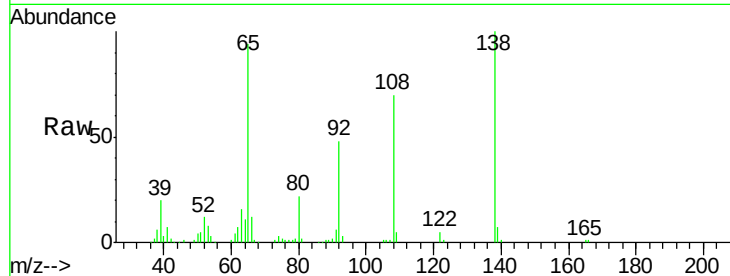
#61
4-Nitroaniline
Concen: 36.026 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF104774.D
Acq: 24 Apr 2018 23:15

Instrument :
BNA_F
ClientSampleId :
PB108528BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.0	30.2	70.2
108	69.7	52.5	92.5

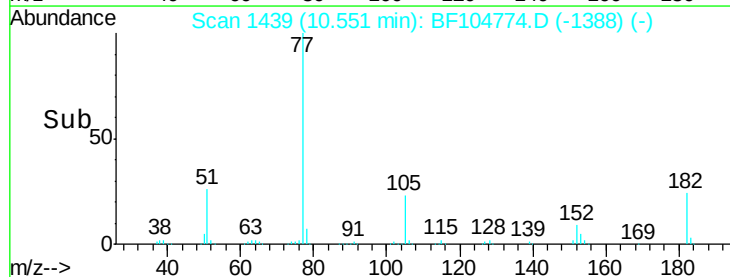
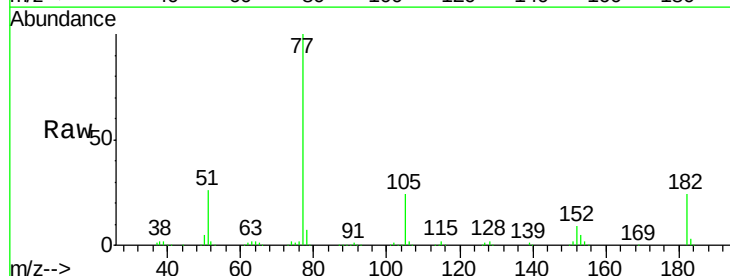
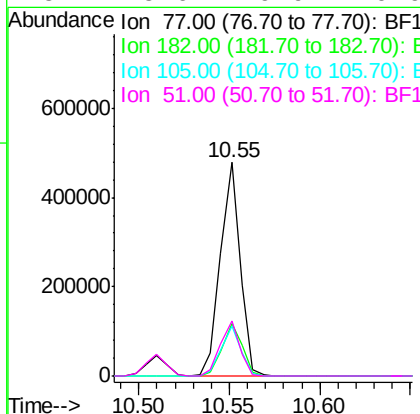
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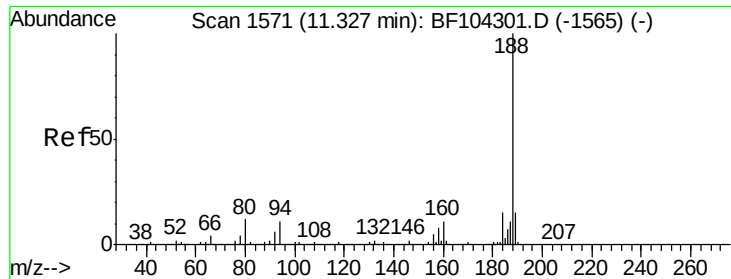
Sohil
4/25/2018 4:22:27 PM



#62
Azobenzene
Concen: 28.187 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF104774.D
Acq: 24 Apr 2018 23:15

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.4	1.7	41.7
105	23.7	3.0	43.0
51	25.6	9.9	49.9





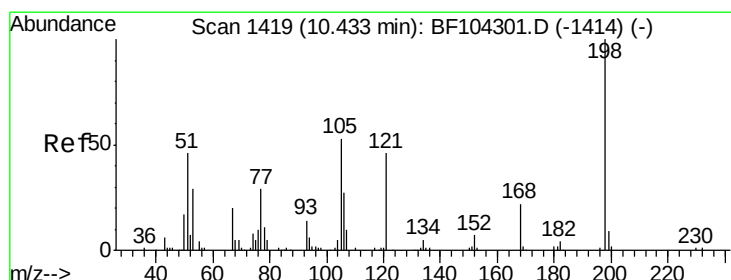
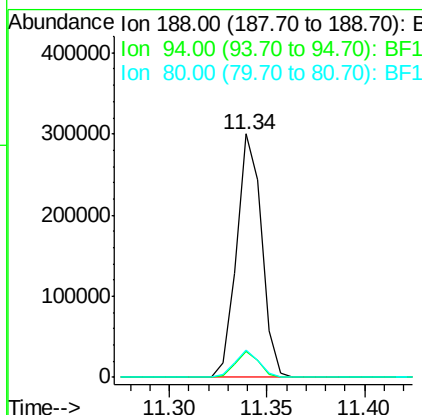
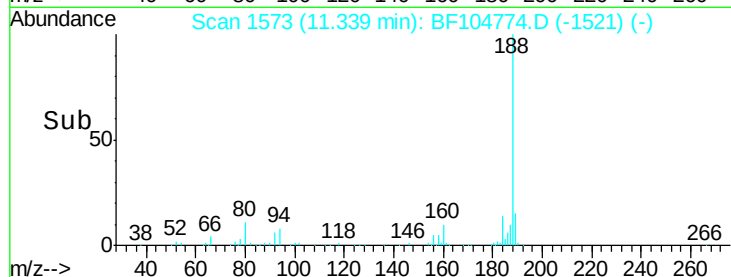
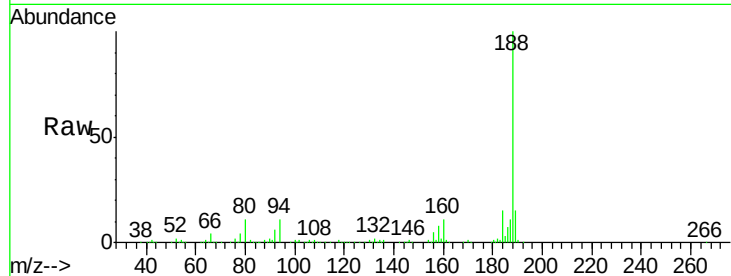
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. 0.01 min
 Lab File: BF104774.D
 Acq: 24 Apr 2018 23:15

Instrument :
 BNA_F
 ClientSampleId :
 PB108528BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.1	9.2	13.8

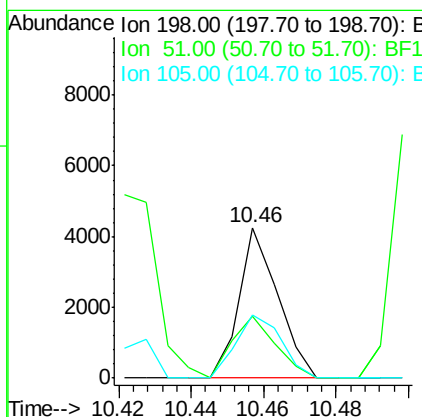
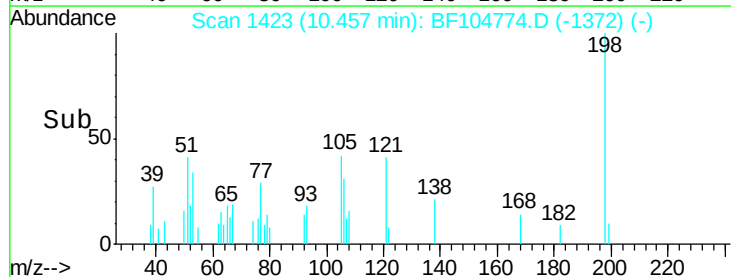
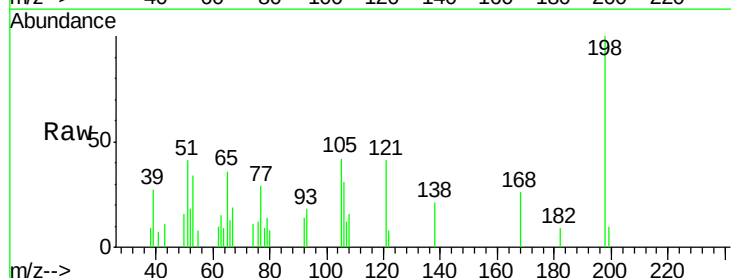
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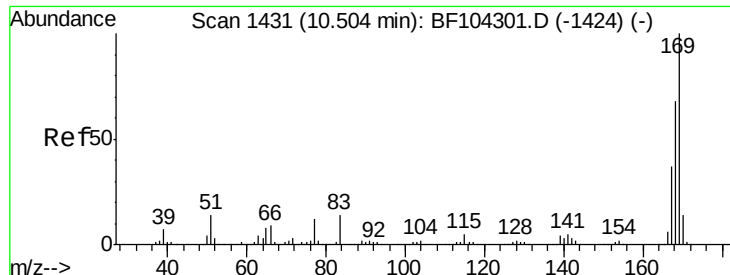
Sohil
 4/25/2018 4:22:27 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 9.394 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.00 min
 Lab File: BF104774.D
 Acq: 24 Apr 2018 23:15

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	40.9	37.7	77.7
105	41.7	36.3	76.3





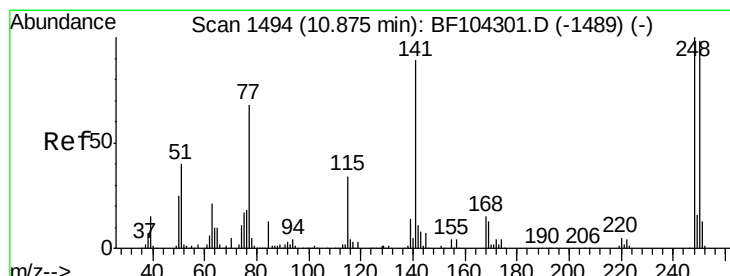
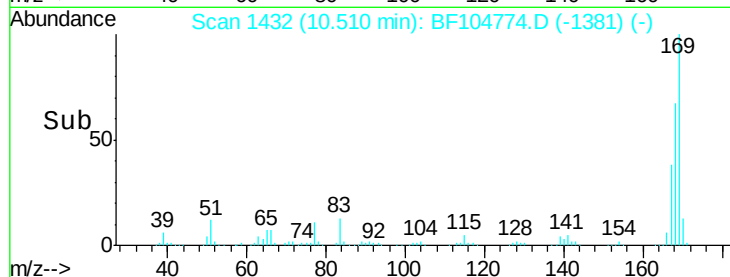
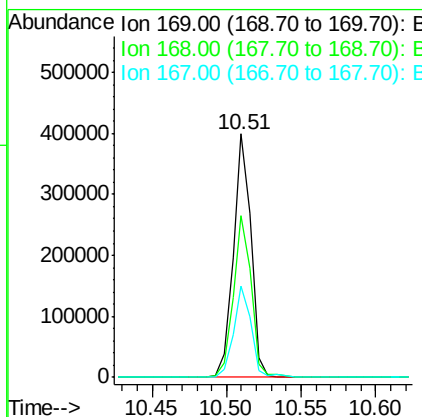
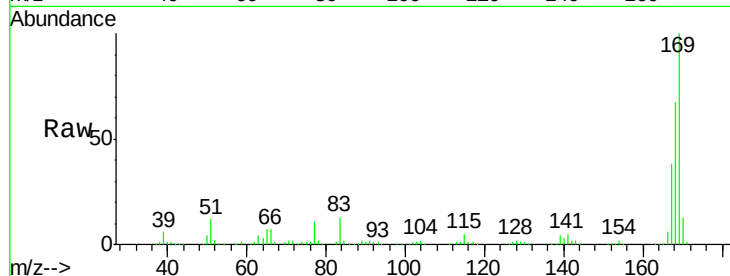
#65
 n-Nitrosodiphenylamine
 Concen: 35.878 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: BF104774.D
 Acq: 24 Apr 2018 23:15

Instrument :
 BNA_F
 ClientSampleId :
 PB108528BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	332875		
168	66.5		54.4	81.6
167	37.7		29.8	44.6

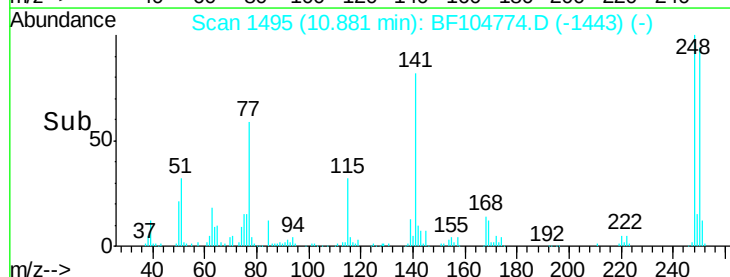
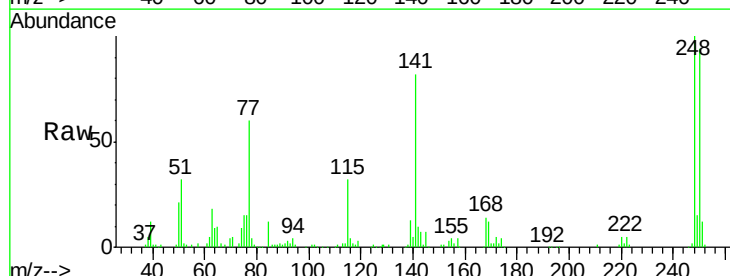
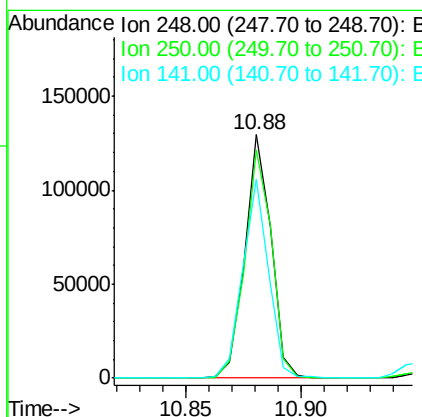
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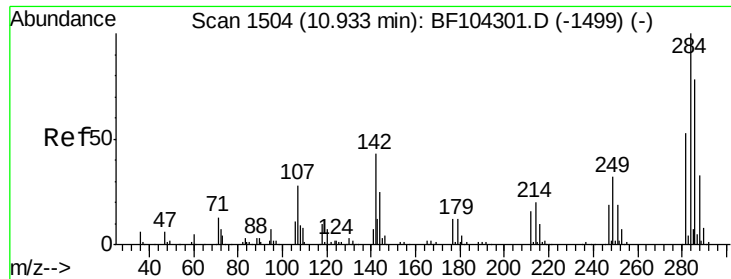
Sohil
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#66
 4-Bromophenyl-phenylether
 Concen: 36.161 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.01 min
 Lab File: BF104774.D
 Acq: 24 Apr 2018 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	102924		
250	93.6		76.9	115.3
141	81.9		74.4	111.6





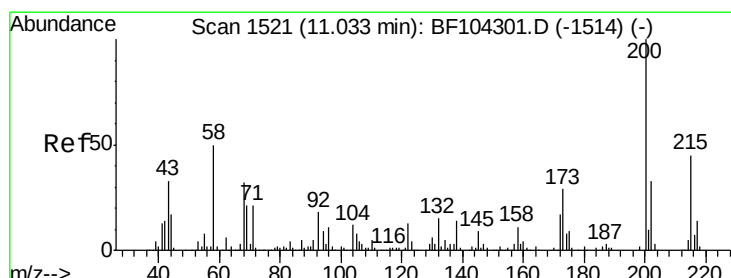
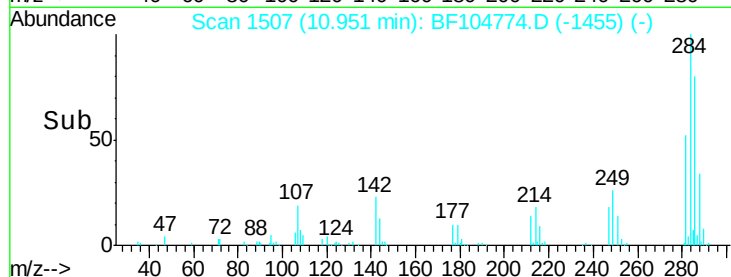
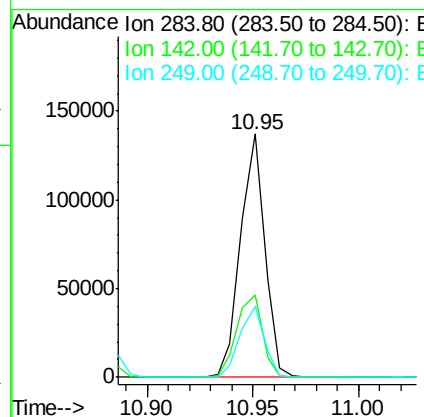
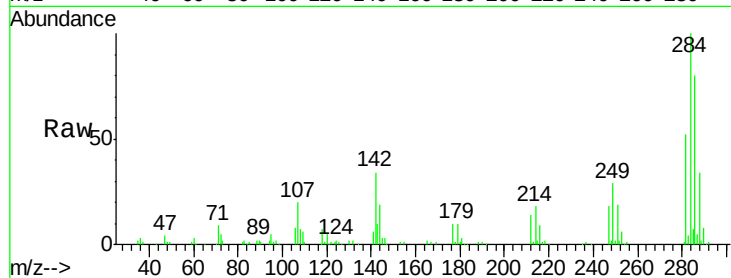
#67
Hexachlorobenzene
Concen: 33.942 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.01 min
Lab File: BF104774.D
Acq: 24 Apr 2018 23:15

Instrument :
BNA_F
ClientSampleId :
PB108528BS

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	33.6	34.6	52.0#
249	28.8	24.8	37.2

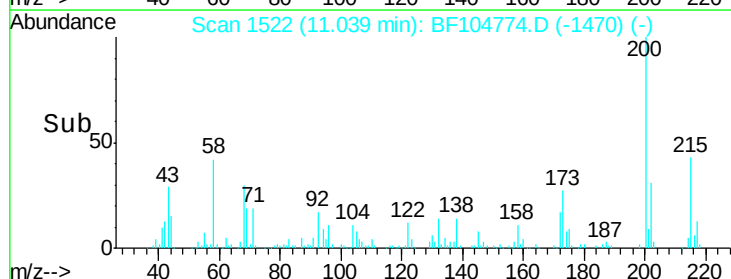
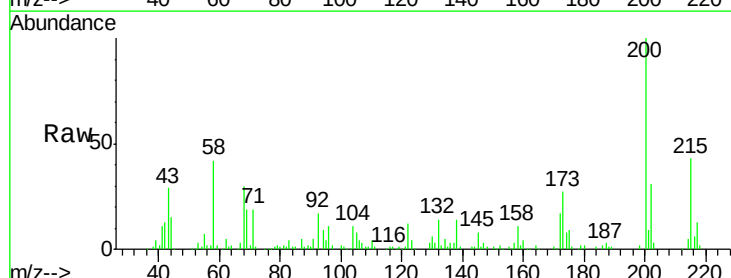
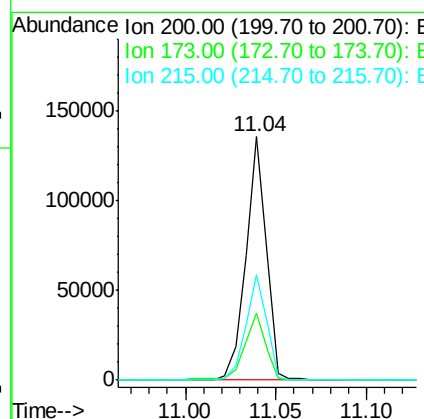
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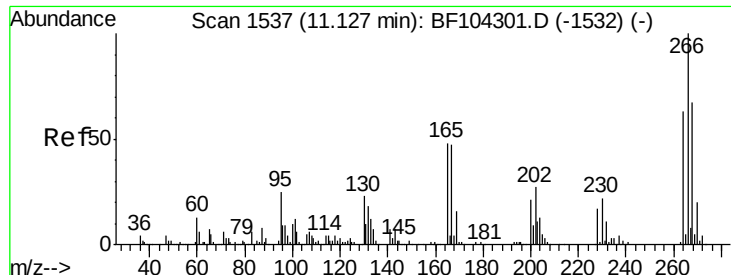
Sohil
4/25/2018 4:22:27 PM



#68
Atrazine
Concen: 37.558 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BF104774.D
Acq: 24 Apr 2018 23:15

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	27.5	8.6	48.6
215	43.4	25.1	65.1





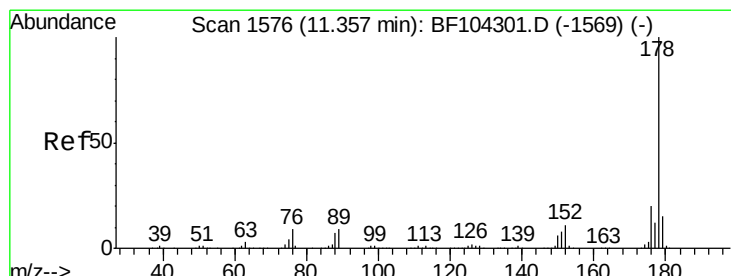
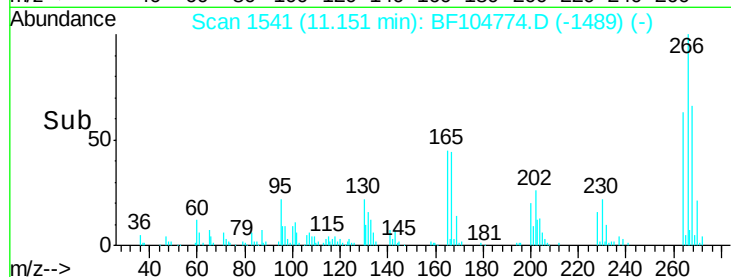
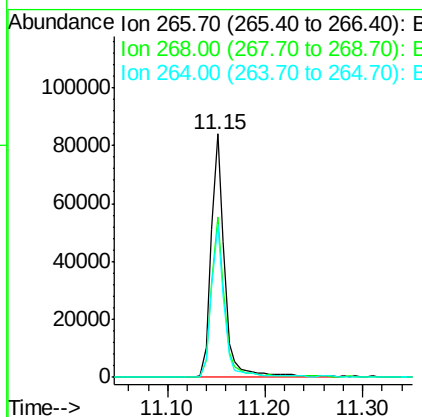
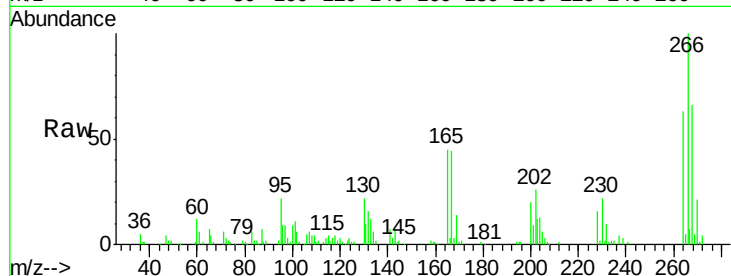
#69
 Pentachlorophenol
 Concen: 40.818 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. 0.01 min
 Lab File: BF104774.D
 Acq: 24 Apr 2018 23:15

Instrument :
 BNA_F
 ClientSampled :
 PB108528BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.7	51.1	76.7
264	62.7	49.5	74.3

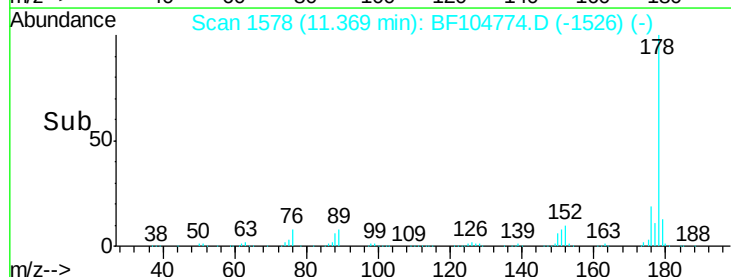
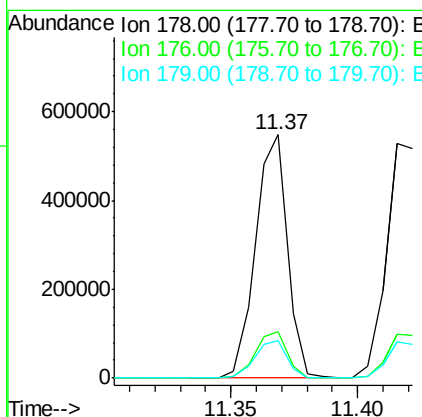
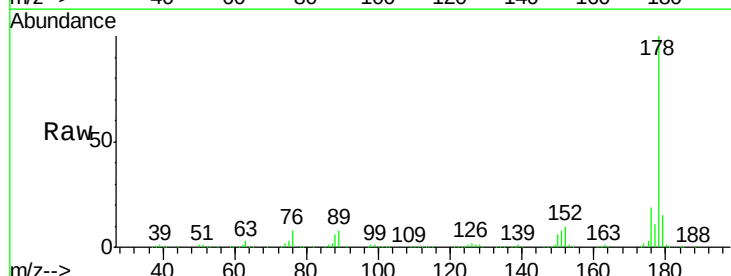
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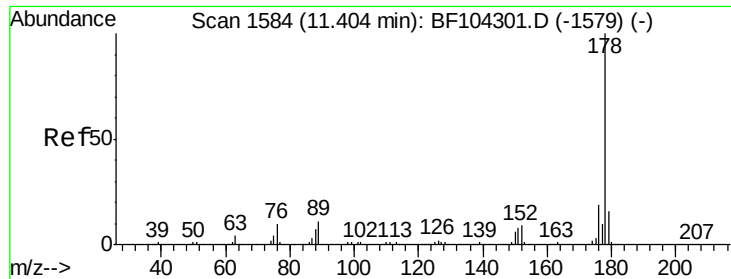
Sohil
 4/25/2018 4:22:27 PM



#70
 Phenanthrene
 Concen: 32.362 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. 0.01 min
 Lab File: BF104774.D
 Acq: 24 Apr 2018 23:15

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	15.2	13.0	19.6





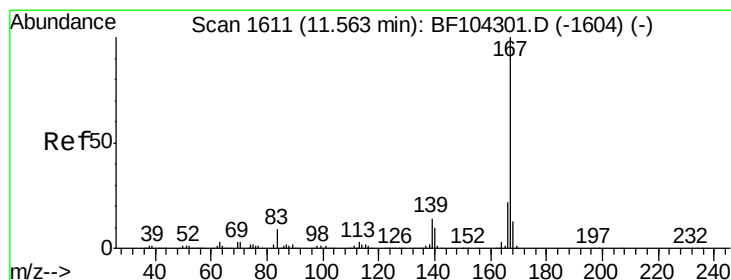
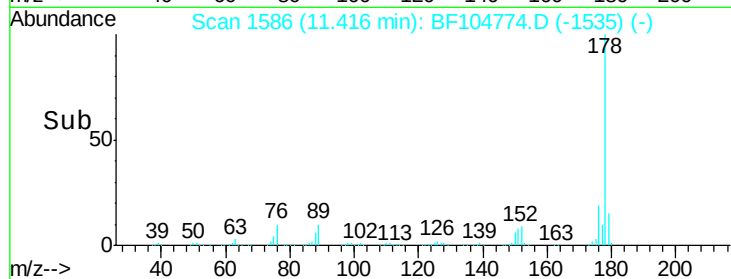
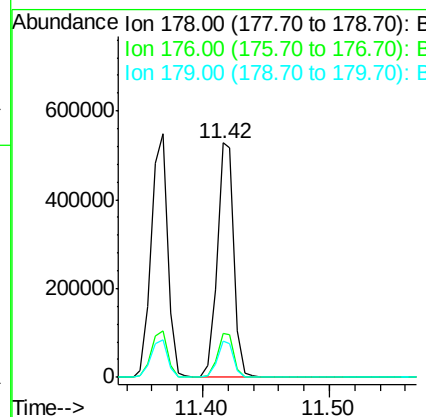
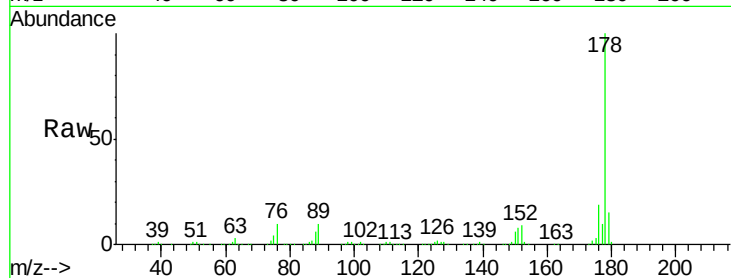
#71
 Anthracene
 Concen: 32.511 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: BF104774.D
 Acq: 24 Apr 2018 23:15

Instrument :
 BNA_F
 ClientSampleId :
 PB108528BS

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

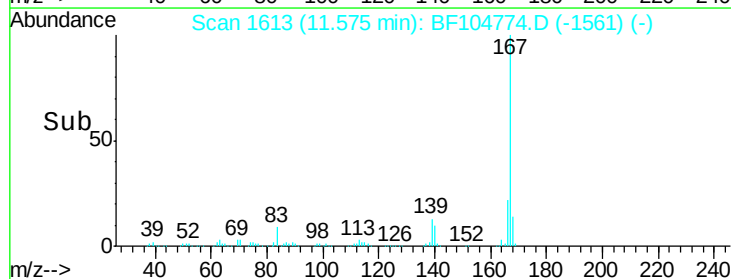
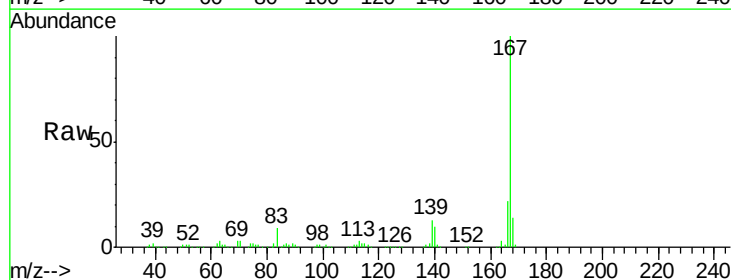
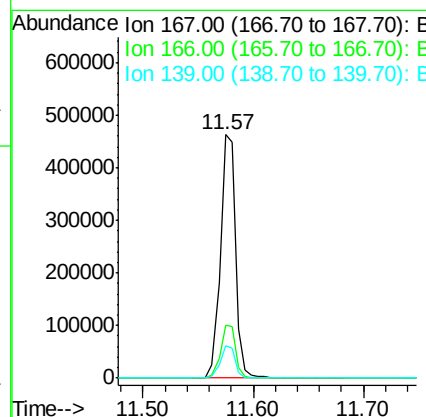
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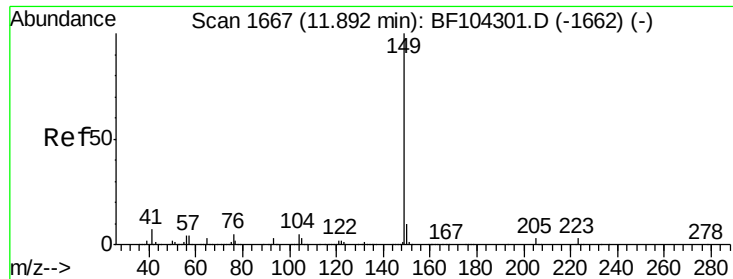
Sohil
 4/25/2018 4:22:27 PM



#72
 Carbazole
 Concen: 29.758 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF104774.D
 Acq: 24 Apr 2018 23:15

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.6	26.4
139	13.5	10.9	16.3





#73

Di-n-butylphthalate

Concen: 33.745 ng

RT: 11.90 min Scan# 1668

Delta R.T. 0.01 min

Lab File: BF104774.D

Acq: 24 Apr 2018 23:15

Instrument :

BNA_F

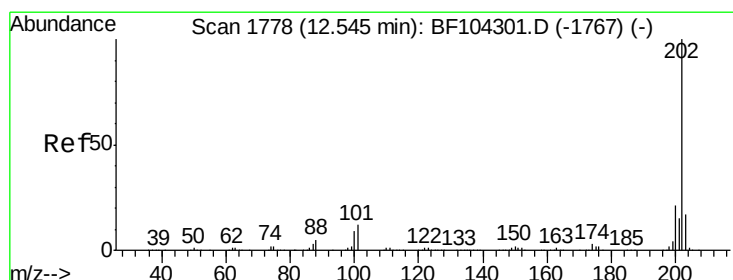
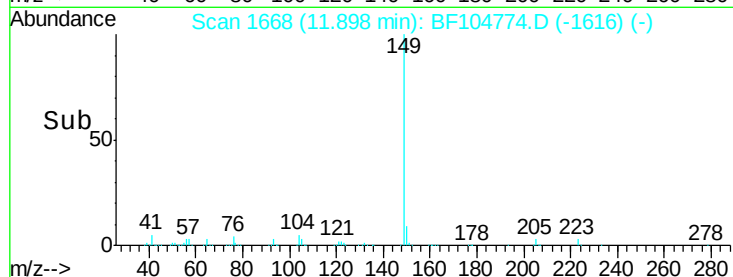
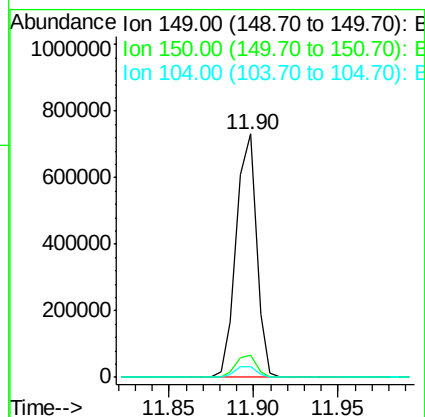
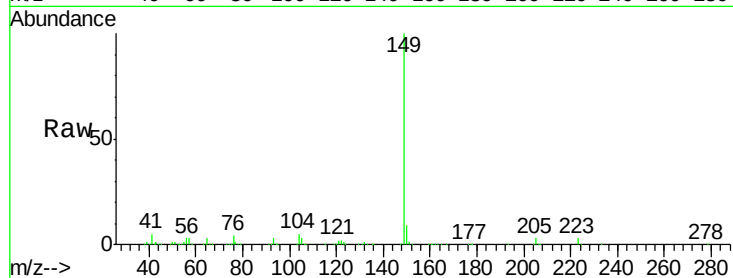
ClientSampleId :

PB108528BS

Tot Ion:	149	Resp:	610167
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.8	11.6
104	4.6	3.8	5.8

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#74

Fluoranthene

Concen: 30.031 ng

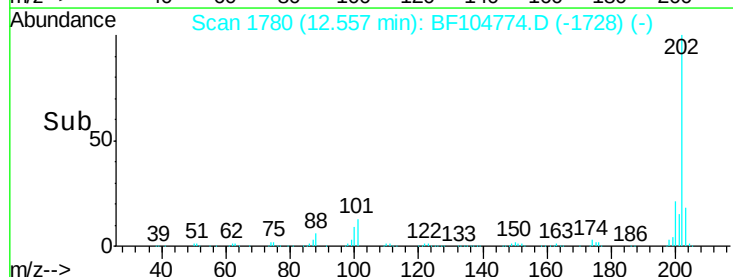
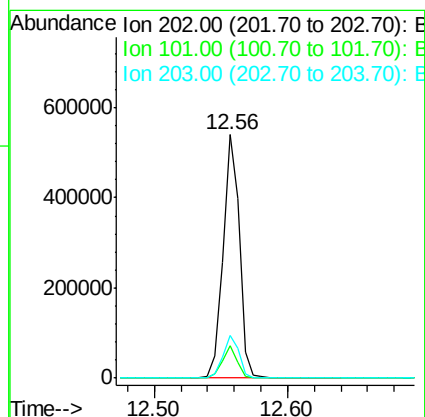
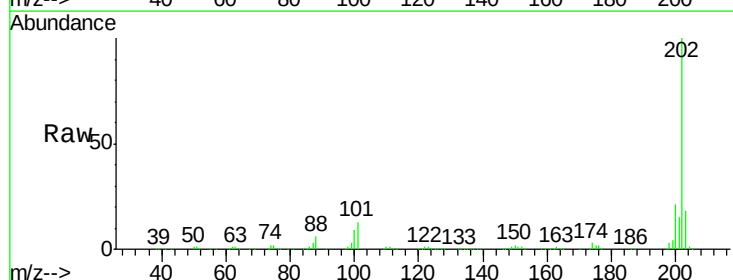
RT: 12.56 min Scan# 1780

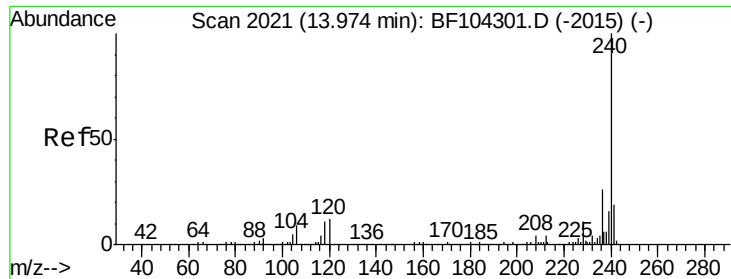
Delta R.T. 0.01 min

Lab File: BF104774.D

Acq: 24 Apr 2018 23:15

Tgt Ion:	202	Resp:	467564
Ion Ratio	Lower	Upper	
202	100		
101	13.1	0.0	34.1
203	17.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BF104774.D

Acq: 24 Apr 2018 23:15

Instrument :

BNA_F

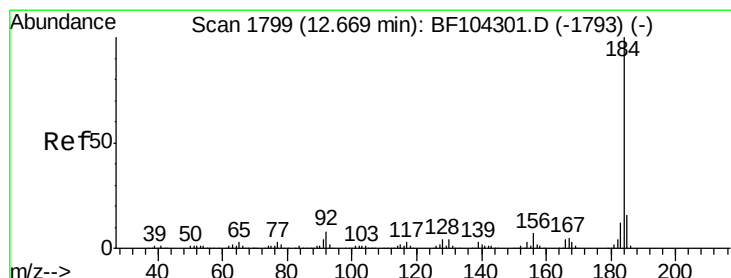
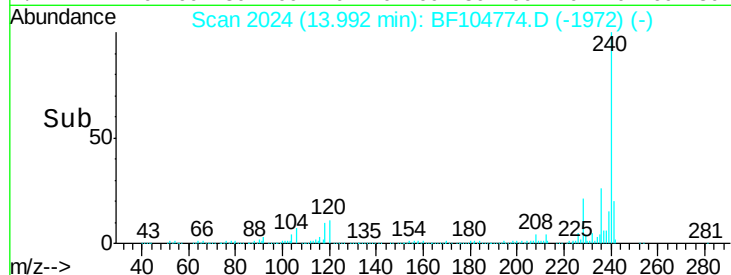
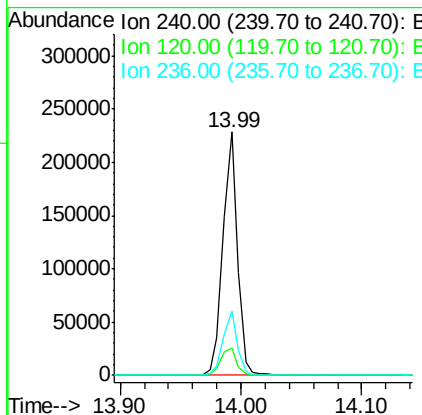
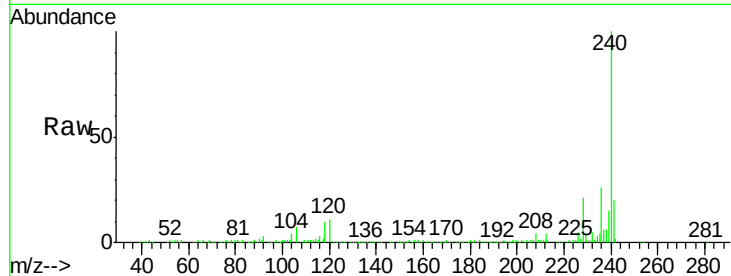
ClientSampleId :

PB108528BS

Tot Ion:	240	Resp:	189587
Ion Ratio	Lower	Upper	
240	100		
120	11.0	9.5	14.3
236	26.3	20.7	31.1

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#76

Benzidine

Concen: 60.005 ng

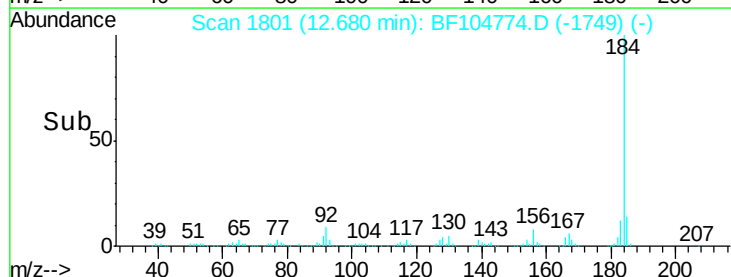
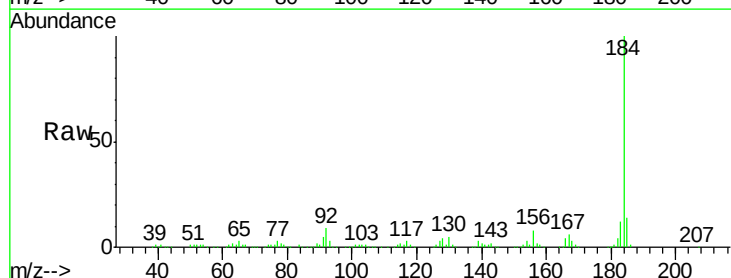
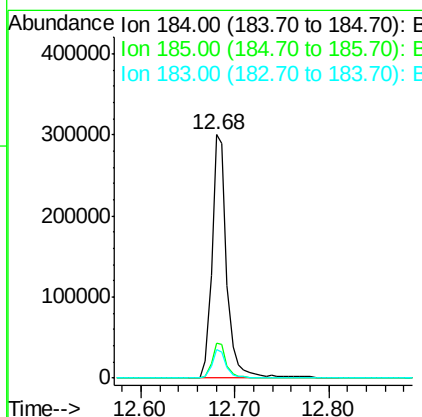
RT: 12.68 min Scan# 1801

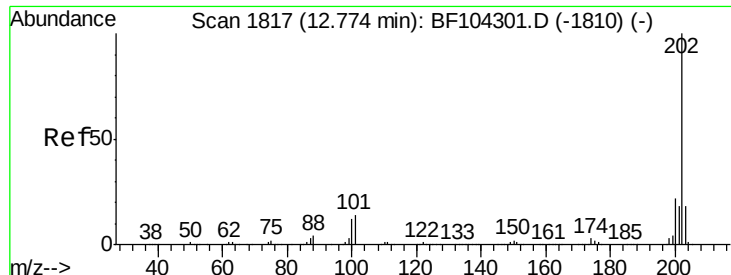
Delta R.T. 0.01 min

Lab File: BF104774.D

Acq: 24 Apr 2018 23:15

Tgt Ion:	184	Resp:	337524
Ion Ratio	Lower	Upper	
184	100		
185	14.2	12.6	18.8
183	11.6	9.3	13.9





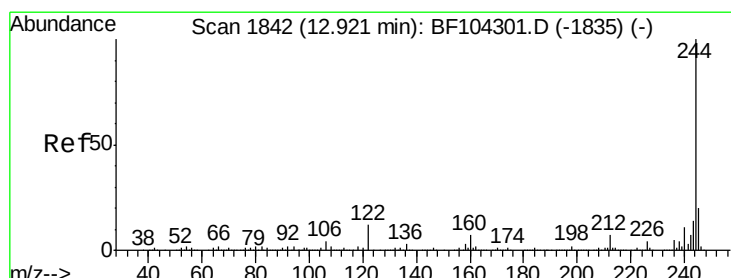
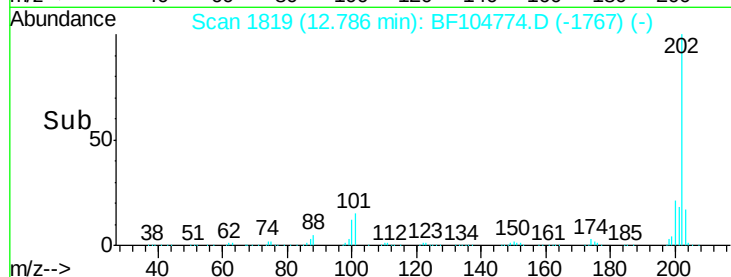
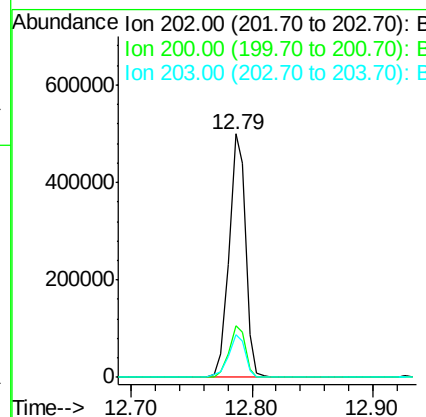
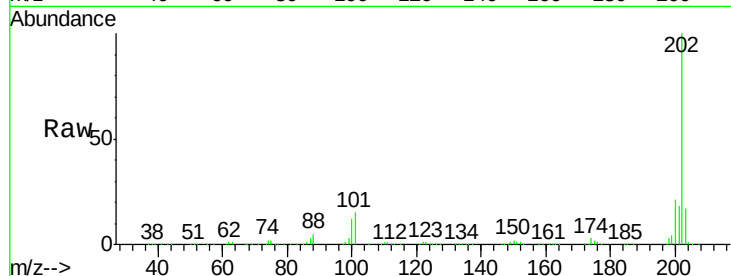
#77
 Pvrene
 Concen: 33.472 ng
 RT: 12.79 min Scan# 1819
 Delta R.T. 0.01 min
 Lab File: BF104774.D
 Acq: 24 Apr 2018 23:15

Instrument :
 BNA_F
 ClientSampleId :
 PB108528BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	17.5	14.3	21.5

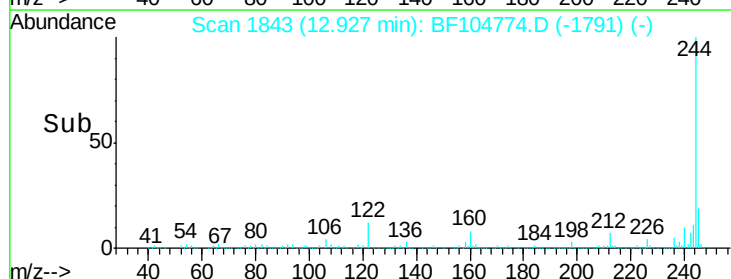
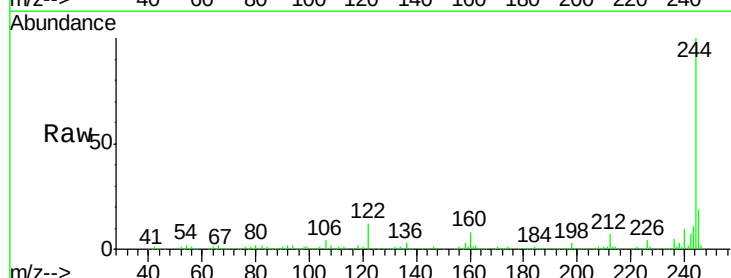
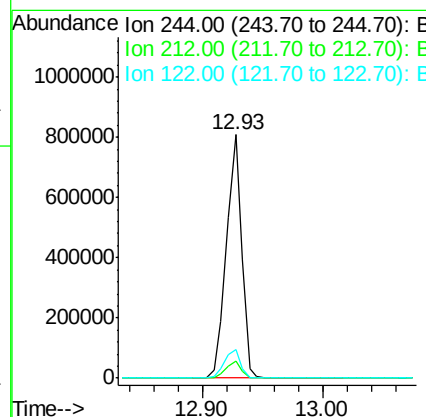
Manual Integrations
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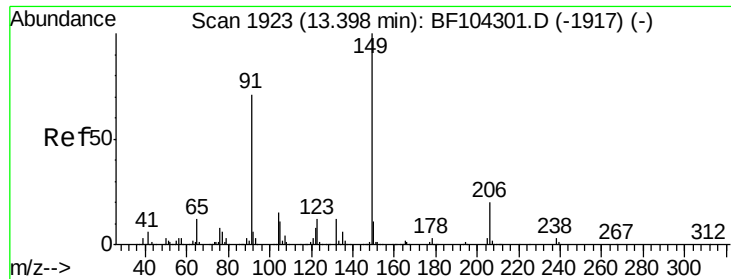
Sohil
 4/25/2018 4:22:27 PM



#78
 Terphenyl-d14
 Concen: 84.731 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: BF104774.D
 Acq: 24 Apr 2018 23:15

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.7	11.0	16.4





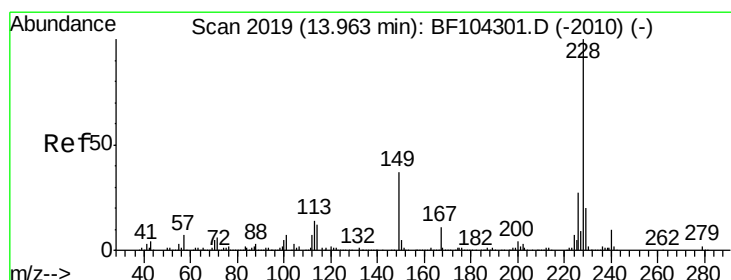
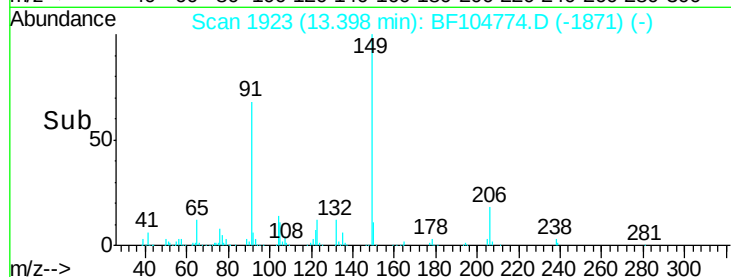
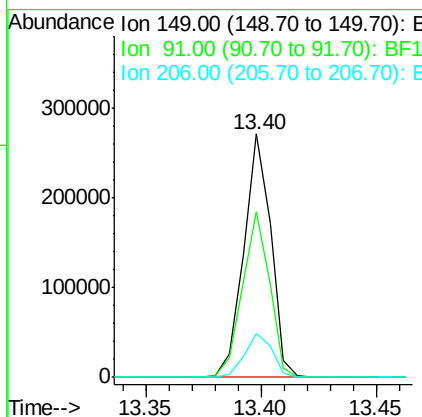
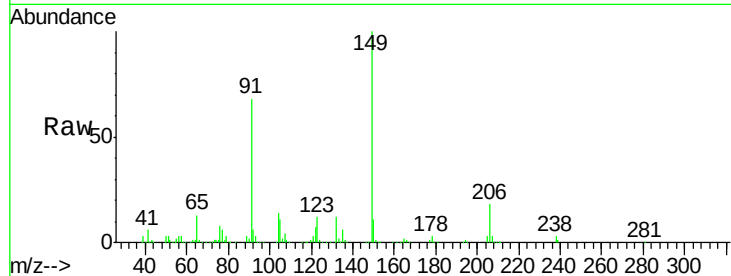
#79
Butylbenzylphthalate
Concen: 33.815 ng
RT: 13.40 min Scan# 1923
Delta R.T. 0.01 min
Lab File: BF104774.D
Acq: 24 Apr 2018 23:15

Instrument :
BNA_F
ClientSampleId :
PB108528BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	223870		
91	68.0	56.8	85.2	
206	18.0	14.1	21.1	

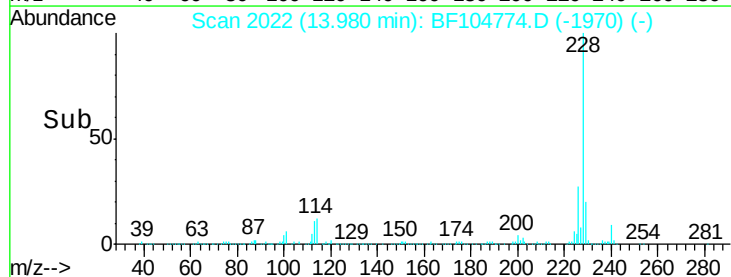
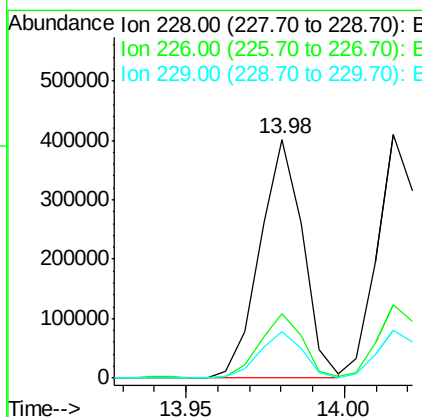
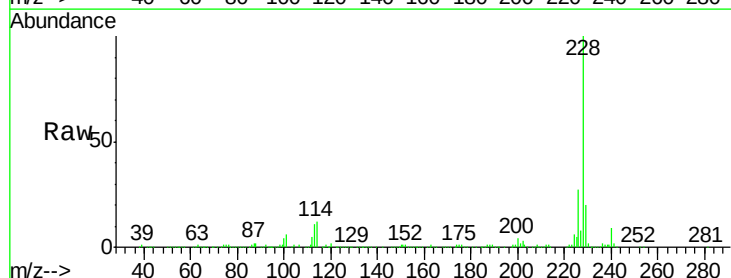
Manual Integrations
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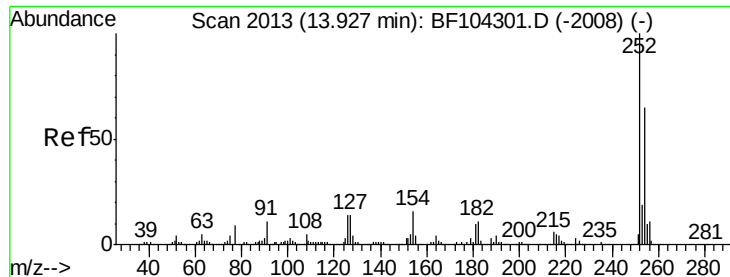
Sohil
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#80
Benzo(a)anthracene
Concen: 33.407 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BF104774.D
Acq: 24 Apr 2018 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	378367		
226	27.0	22.6	33.8	
229	19.5	15.8	23.6	





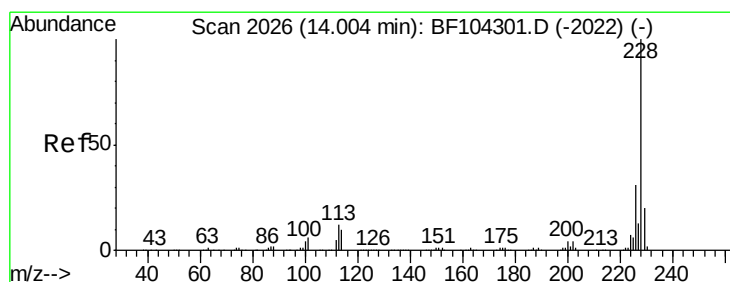
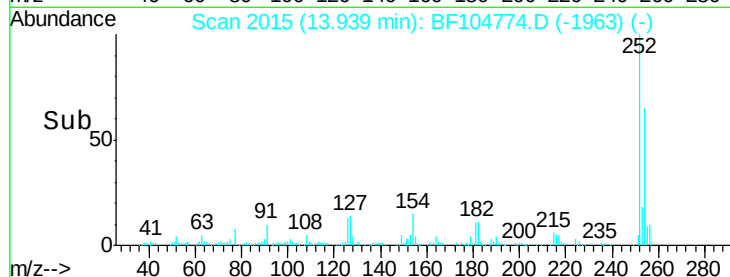
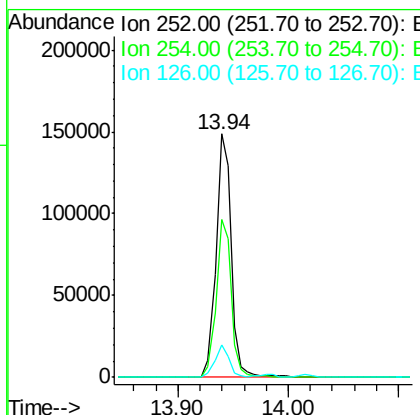
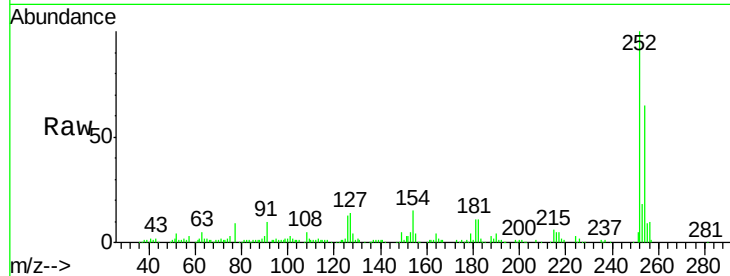
#81
 3,3'-Dichlorobenzidine
 Concen: 33.600 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. 0.01 min
 Lab File: BF104774.D
 Acq: 24 Apr 2018 23:15

Instrument :
 BNA_F
 ClientSampleId :
 PB108528BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	141894		
254	65.0	50.4	75.6	
126	13.1	11.3	16.9	

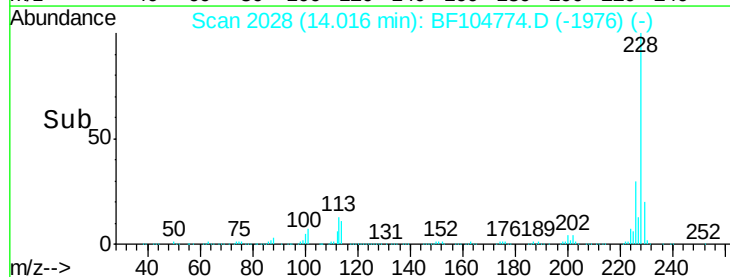
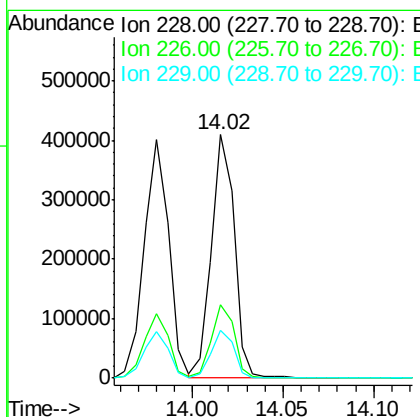
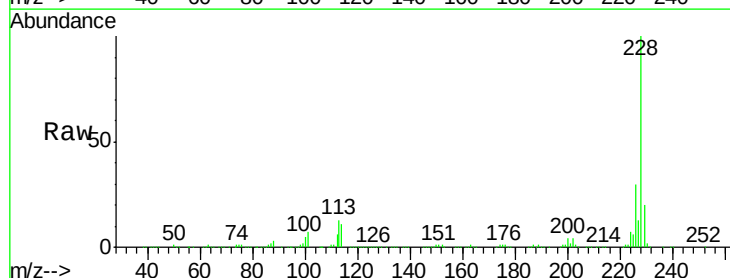
Manual Integrations
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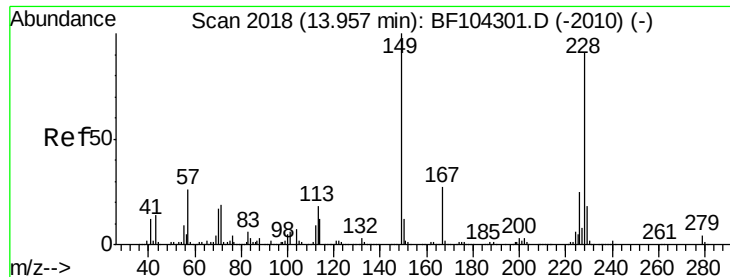
Sohil
 4/25/2018 4:22:27 PM



#82
 Chrysene
 Concen: 30.929 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.01 min
 Lab File: BF104774.D
 Acq: 24 Apr 2018 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	359822		
226	29.9	25.0	37.6	
229	19.7	16.2	24.4	





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.854 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF104774.D

Acq: 24 Apr 2018 23:15

Instrument :

BNA_F

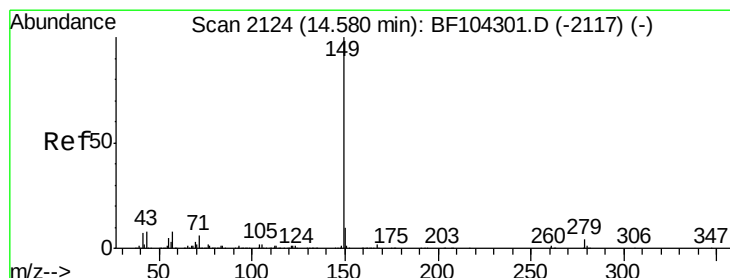
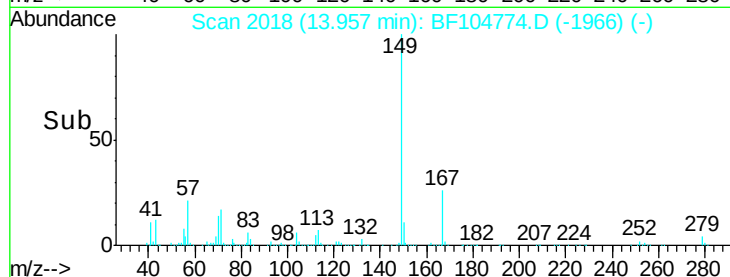
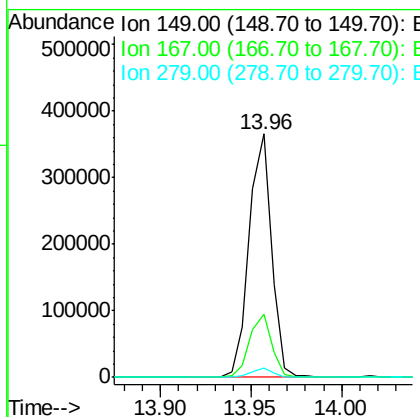
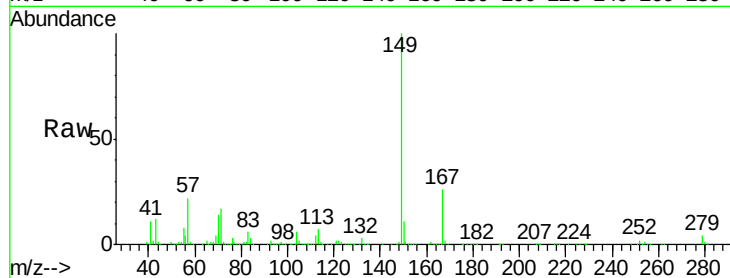
ClientSampleId :

PB108528BS

Tot Ion:	149	Resp:	313835
Ion Ratio	Lower	Upper	
149	100		
167	25.8	21.3	31.9
279	3.6	3.0	4.4

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 35.567 ng

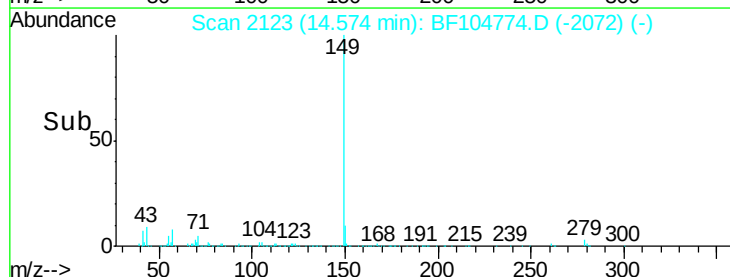
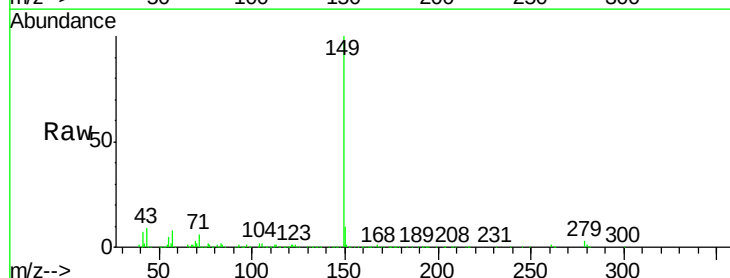
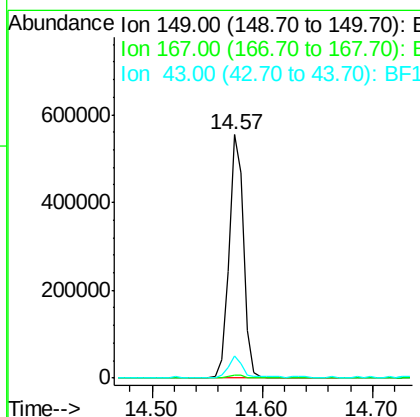
RT: 14.57 min Scan# 2123

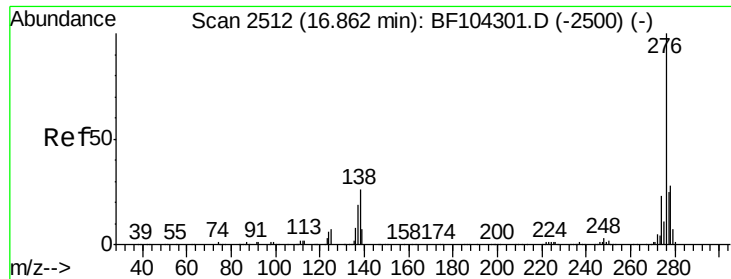
Delta R.T. -0.00 min

Lab File: BF104774.D

Acq: 24 Apr 2018 23:15

Tgt Ion:	149	Resp:	506077
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.2	1.8
43	8.0	8.4	12.6#





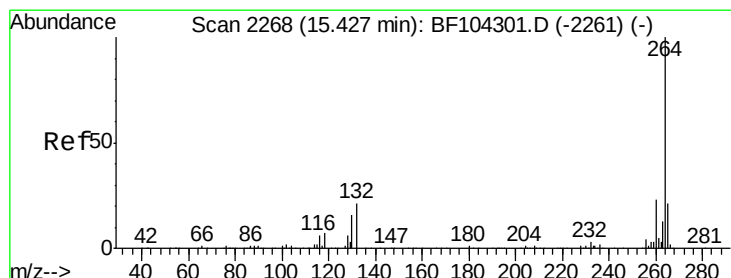
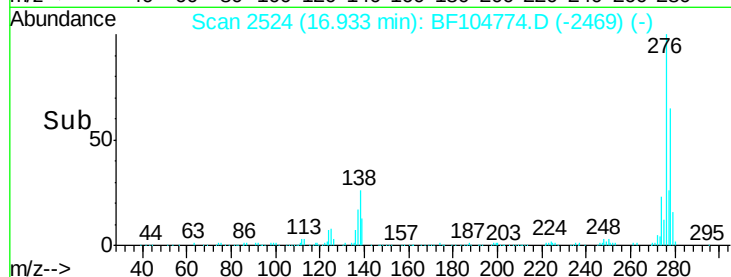
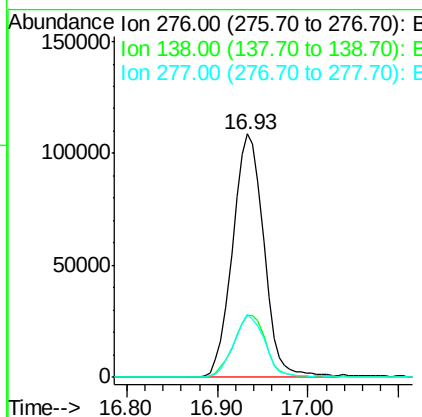
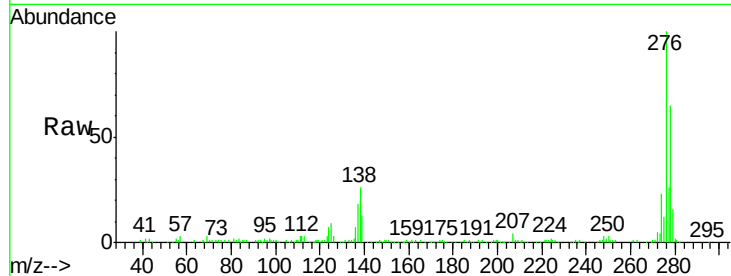
#85
Indeno(1,2,3-cd)pyrene
Concen: 26.438 ng
RT: 16.93 min Scan# 2524
Delta R.T. 0.02 min
Lab File: BF104774.D
Acq: 24 Apr 2018 23:15

Instrument :
BNA_F
ClientSampleId :
PB108528BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.5	25.0	37.6
277	25.8	20.1	30.1

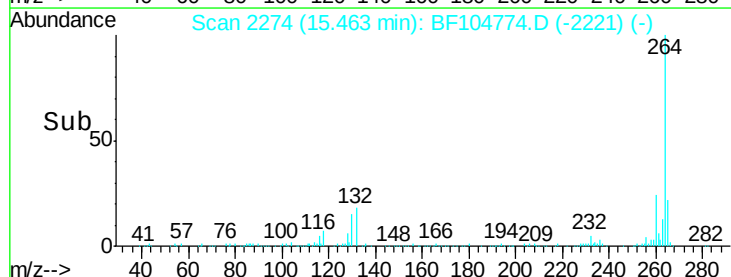
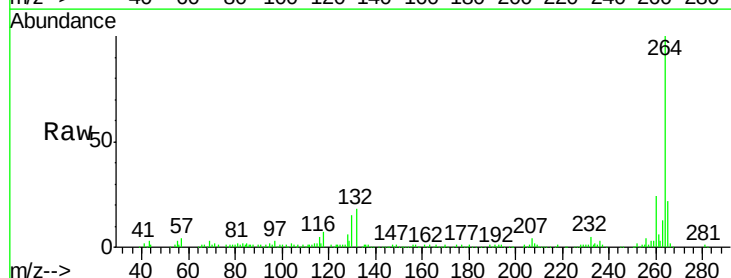
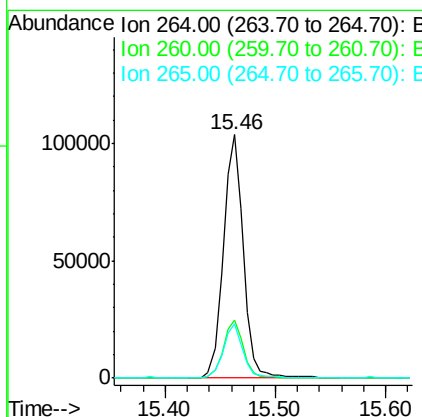
Manual Integrations
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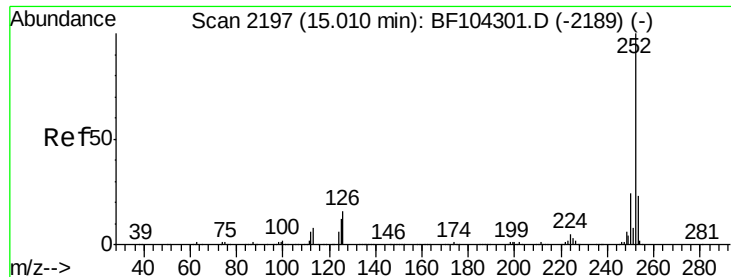
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF104774.D
Acq: 24 Apr 2018 23:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.5	17.5	26.3





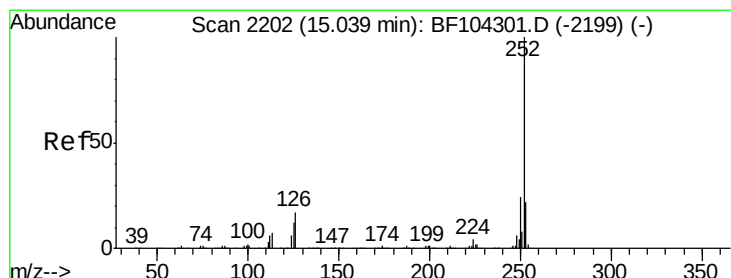
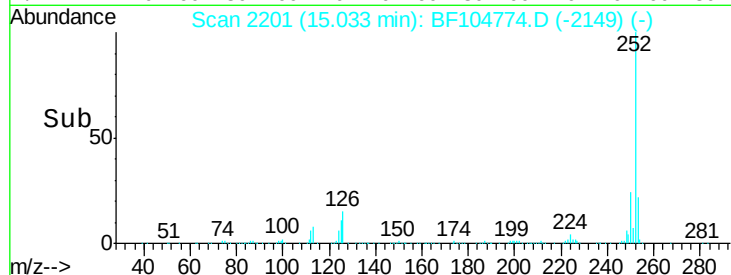
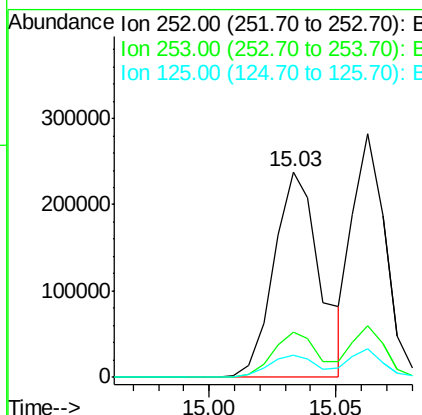
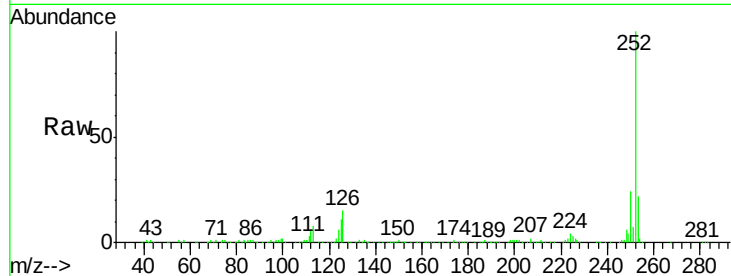
#87
Benzo(b)fluoranthene
Concen: 36.652 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF104774.D
Acq: 24 Apr 2018 23:15

Instrument :
BNA_F
ClientSampleId :
PB108528BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	11.1	9.0	13.6

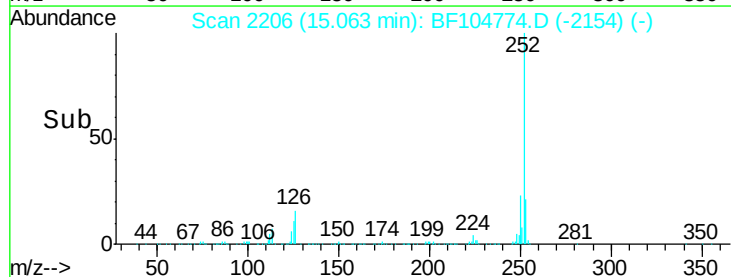
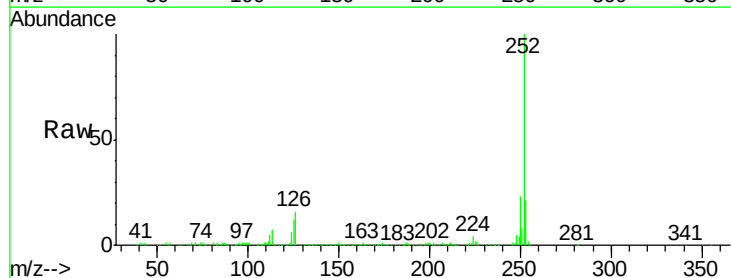
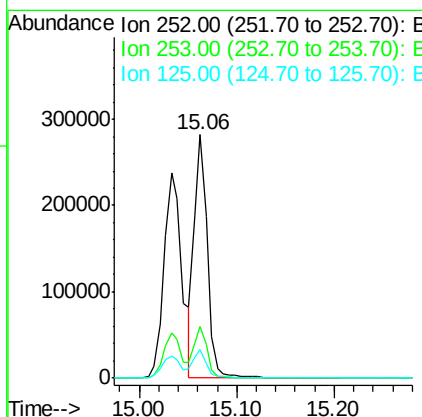
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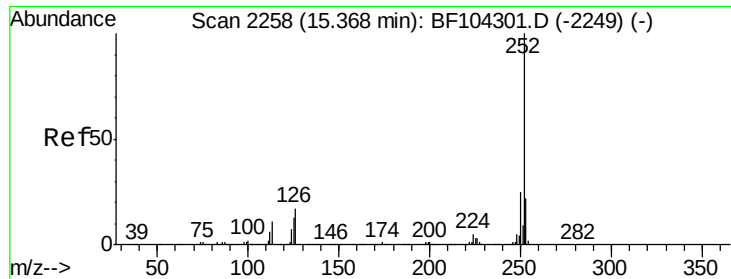
Sohil
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#88
Benzo(k)fluoranthene
Concen: 33.359 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF104774.D
Acq: 24 Apr 2018 23:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.9	26.9
125	11.5	10.2	15.2





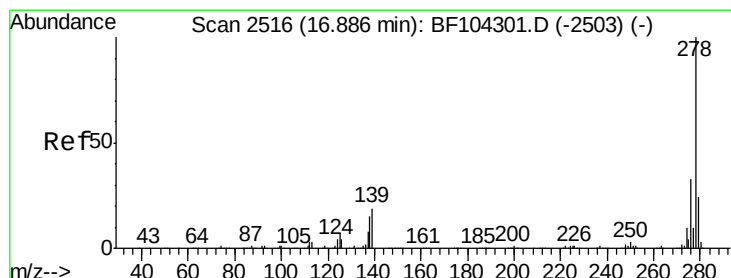
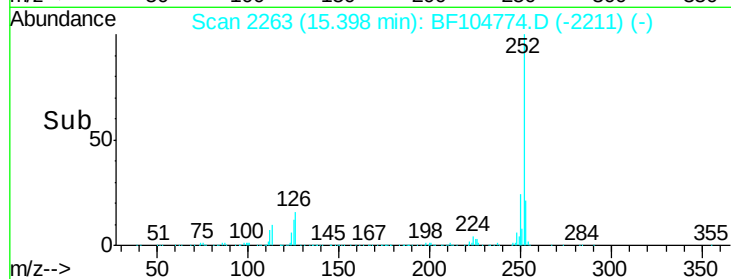
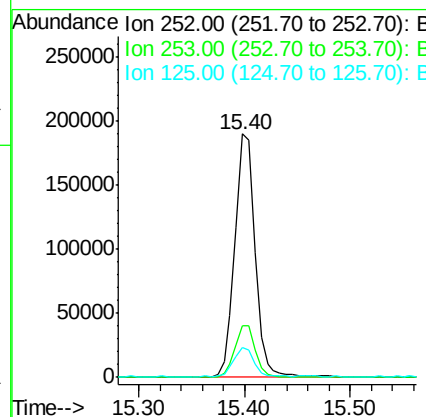
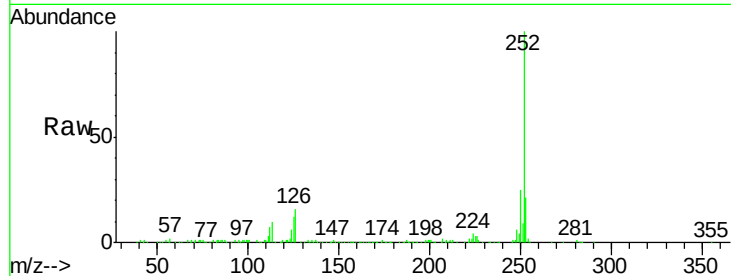
#89
Benzo(a)pyrene
Concen: 34.037 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF104774.D
Acq: 24 Apr 2018 23:15

Instrument :
BNA_F
ClientSampleId :
PB108528BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.1	25.7
125	12.5	9.8	14.6

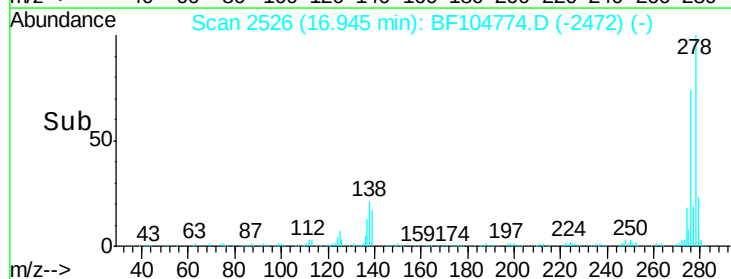
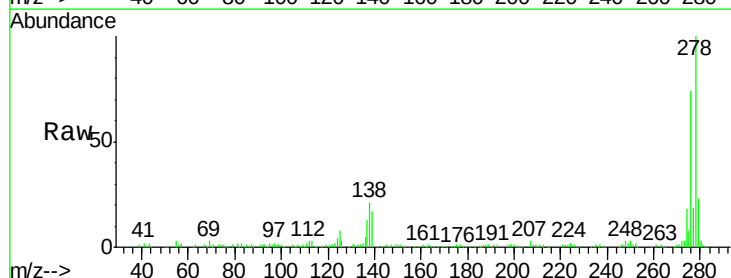
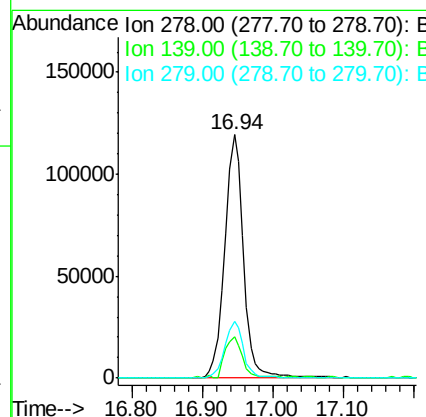
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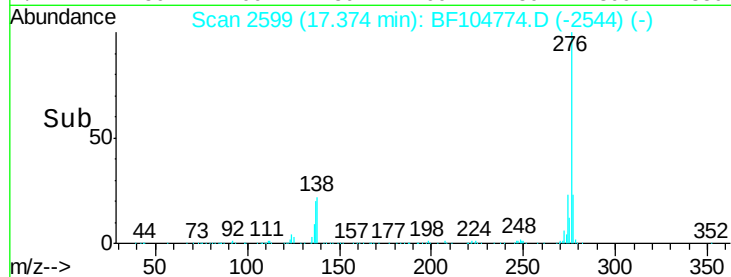
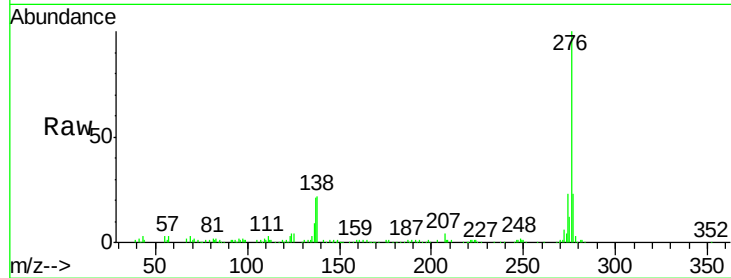
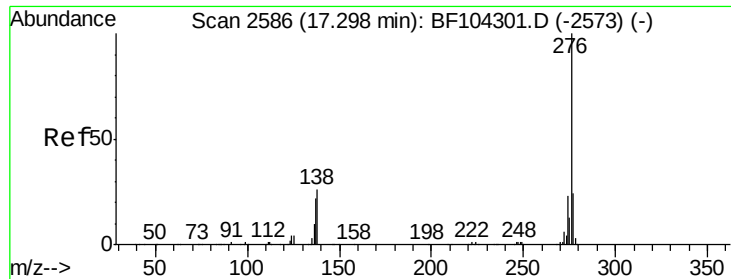
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#90
Dibenzo(a,h)anthracene
Concen: 36.546 ng
RT: 16.94 min Scan# 2526
Delta R.T. 0.02 min
Lab File: BF104774.D
Acq: 24 Apr 2018 23:15

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.9	15.9	23.9
279	23.2	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 36.997 ng

RT: 17.37 min Scan# 2599

Delta R.T. 0.02 min

Lab File: BF104774.D

Acq: 24 Apr 2018 23:15

Instrument :

BNA_F

ClientSampleId :

PB108528BS

Tot Ion:	276	Resp:	218039
Ion Ratio	Lower	Upper	
276	100		
277	23.2	17.9	26.9
138	22.3	21.8	32.8

Manual Integrations
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