

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030918\
 Data File : BF103554.D
 Acq On : 9 Mar 2018 13:58
 Operator : SJ/JU
 Sample : PB107216BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107216BS

Manual Integrations
 APPROVED

Sohil
 3/12/2018 3:50:07 PM

Quant Time: Mar 09 16:01:21 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 11:47:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	135597	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	586613	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	261115	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	435915	20.00	ng	0.00
75) Chrysene-d12	14.06	240	235746	20.00	ng	0.00
86) Perylene-d12	15.57	264	228932	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1124809	125.46	ng	0.01
7) Phenol-d6	6.51	99	1336852	121.86	ng	0.00
23) Nitrobenzene-d5	7.43	82	887334	86.38	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	229124	103.67	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1255169	82.13	ng	0.00
78) Terphenyl-d14	12.99	244	1013085	103.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	176300	37.231	ng	90
3) Pyridine	3.52	79	503620m	39.838	ng	
4) n-Nitrosodimethylamine	3.45	42	248173m	48.677	ng	
6) Aniline	6.53	93	401732	25.373	ng	# 67
8) 2-Chlorophenol	6.66	128	409968	44.018	ng	95
9) Benzaldehyde	6.43	77	169770	22.437	ng	96
10) Phenol	6.52	94	529156	41.549	ng	91
11) bis(2-Chloroethyl)ether	6.60	93	426191	44.091	ng	91
12) 1,3-Dichlorobenzene	6.80	146	429459	40.350	ng	96
13) 1,4-Dichlorobenzene	6.88	146	453591	42.507	ng	99
14) 1,2-Dichlorobenzene	7.03	146	387571	39.389	ng	99
15) Benzyl Alcohol	7.02	79	325374	39.359	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	650441	39.186	ng	62
17) 2-Methylphenol	7.13	107	352175	41.609	ng	# 85
18) Hexachloroethane	7.37	117	159562	41.075	ng	95
19) n-Nitroso-di-n-propylamine	7.27	70	301470	44.154	ng	93
20) 3+4-Methylphenols	7.29	107	447424	43.366	ng	# 68
22) Acetophenone	7.28	105	586263	42.816	ng	# 89
24) Nitrobenzene	7.46	77	471684	41.707	ng	97
25) Isophorone	7.69	82	895251	44.252	ng	96
26) 2-Nitrophenol	7.77	139	232145	43.603	ng	91
27) 2,4-Dimethylphenol	7.80	122	383585	47.135	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	541611	45.535	ng	98
29) 2,4-Dichlorophenol	8.02	162	355661	45.648	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	324714	39.136	ng	97
31) Naphthalene	8.17	128	1151217	40.085	ng	99
32) Benzoic acid	7.95	122	149304	28.081	ng	95
33) 4-Chloroaniline	8.23	127	248098	20.019	ng	97
34) Hexachlorobutadiene	8.27	225	157520	36.458	ng	100
35) Caprolactam	8.61	113	118331	43.213	ng	# 86
36) 4-Chloro-3-methylphenol	8.72	107	393200	44.743	ng	96
37) 2-Methylnaphthalene	8.86	142	762474	41.080	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	281198	39.392	ng	98
40) Hexachlorocyclopentadiene	9.00	237	48649	26.070	ng	95

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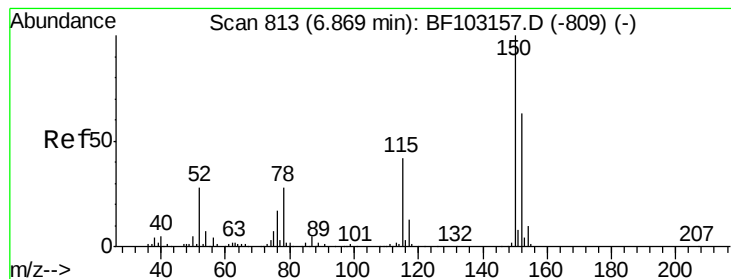
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 3/12/2018 3:50:07 PM

Quant Time: Mar 09 16:01:21 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
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 QLast Update : Fri Mar 09 11:47:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	190774	39.718	nq	99
43) 2,4,5-Trichlorophenol	9.20	196	197527	35.755	nq	# 93
45) 1,1'-Biphenyl	9.33	154	863643	39.471	nq	99
46) 2-Chloronaphthalene	9.36	162	691374	39.940	nq	99
47) 2-Nitroaniline	9.46	65	293322	45.746	nq	84
48) Acenaphthylene	9.77	152	1012895	38.031	nq	99
49) Dimethylphthalate	9.62	163	772830	36.894	nq	99
50) 2,6-Dinitrotoluene	9.70	165	175174	39.850	nq	# 91
51) Acenaphthene	9.94	154	589916	37.985	nq	99
52) 3-Nitroaniline	9.88	138	153661	27.552	nq	# 99
53) 2,4-Dinitrophenol	10.00	184	78365	53.040	nq	# 20
54) Dibenzofuran	10.12	168	851117	39.923	nq	94
55) 4-Nitrophenol	10.06	139	160145	46.331	nq	# 80
56) 2,4-Dinitrotoluene	10.12	165	212064	38.144	nq	# 67
57) Fluorene	10.46	166	703261	38.724	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	150605m	40.582	nq	
59) Diethylphthalate	10.32	149	779932	38.930	nq	100
60) 4-Chlorophenyl-phenylether	10.45	204	305773	39.703	nq	99
61) 4-Nitroaniline	10.50	138	200619	36.015	nq	99
62) Azobenzene	10.61	77	880318	43.169	nq	97
64) 4,6-Dinitro-2-methylphenol	10.53	198	68638	28.157	nq	# 84
65) n-Nitrosodiphenylamine	10.57	169	623670	41.091	nq	100
66) 4-Bromophenyl-phenylether	10.94	248	175963	38.750	nq	94
67) Hexachlorobenzene	11.01	284	183608	37.253	nq	94
68) Atrazine	11.10	200	190078	41.665	nq	98
69) Pentachlorophenol	11.22	266	109661	46.016	nq	99
70) Phenanthrene	11.43	178	940376	39.199	nq	99
71) Anthracene	11.48	178	1022347	41.559	nq	100
72) Carbazole	11.64	167	1002380	40.918	nq	98
73) Di-n-butylphthalate	11.95	149	1232611	40.211	nq	100
74) Fluoranthene	12.62	202	896668	37.195	nq	98
76) Benzidine	12.75	184	436946	49.577	nq	97
77) Pyrene	12.86	202	883636	48.075	nq	99
79) Butylbenzylphthalate	13.45	149	498123	51.295	nq	92
80) Benzo(a)anthracene	14.05	228	622870	40.721	nq	99
81) 3,3'-Dichlorobenzidine	14.01	252	188223	34.480	nq	99
82) Chrysene	14.09	228	623157	41.958	nq	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	592014	45.176	nq	# 99
84) Di-n-octyl phthalate	14.63	149	995588	47.021	nq	97
85) Indeno(1,2,3-cd)pyrene	17.13	276	594977	50.602	nq	97
87) Benzo(b)fluoranthene	15.13	252	595680	39.575	nq	98
88) Benzo(k)fluoranthene	15.16	252	554062	39.090	nq	99
89) Benzo(a)pyrene	15.51	252	569539	42.372	nq	97
90) Dibenzo(a,h)anthracene	17.13	278	504210	48.545	nq	98
91) Benzo(g,h,i)perylene	17.59	276	503606	49.611	nq	96

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



#1

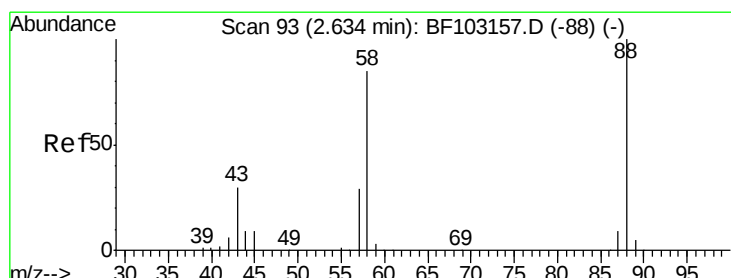
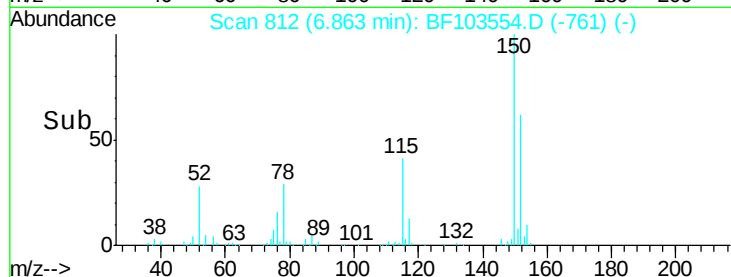
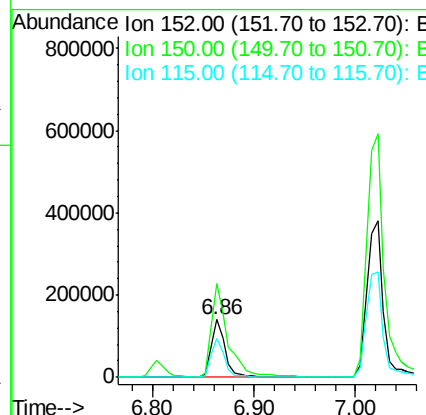
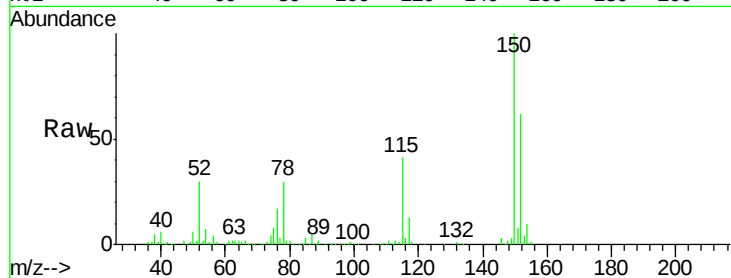
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

Instrument :
BNA_F
ClientSampleId :
PB107216BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.6	124.6	186.8
115	66.4	50.1	75.1

Manual Integrations
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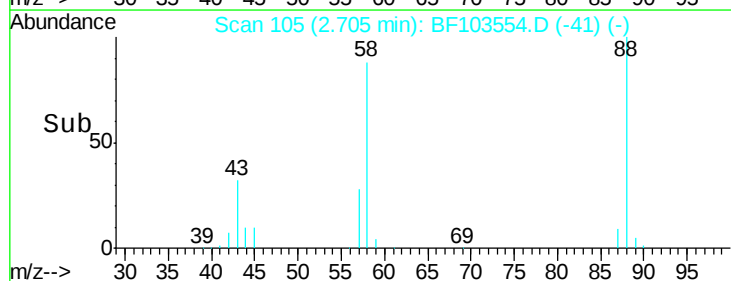
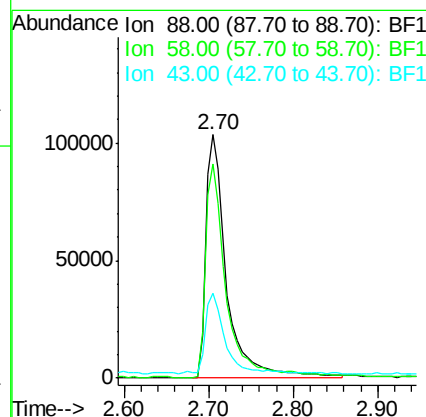
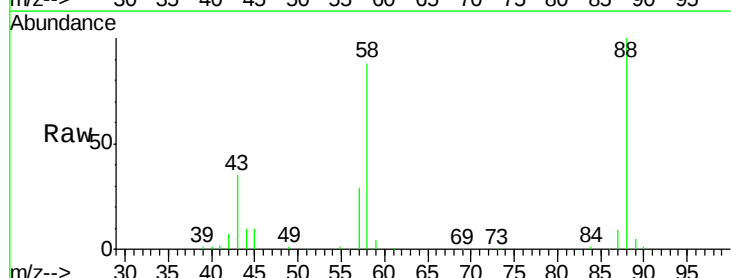
Sohil
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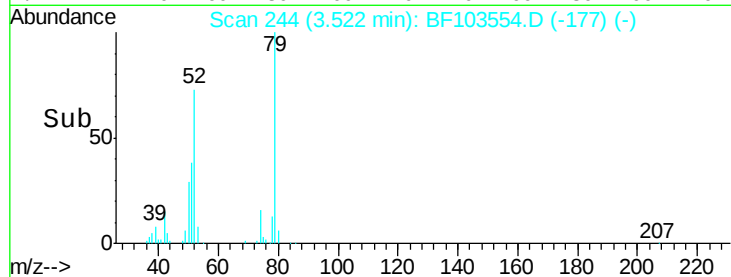
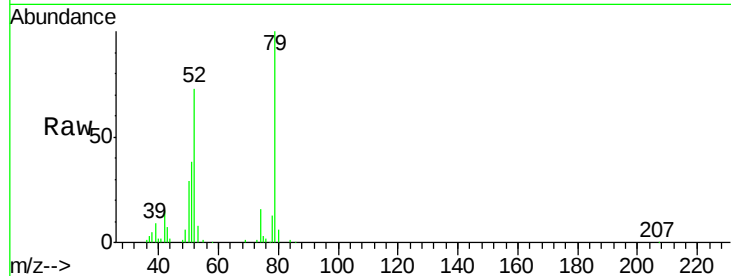
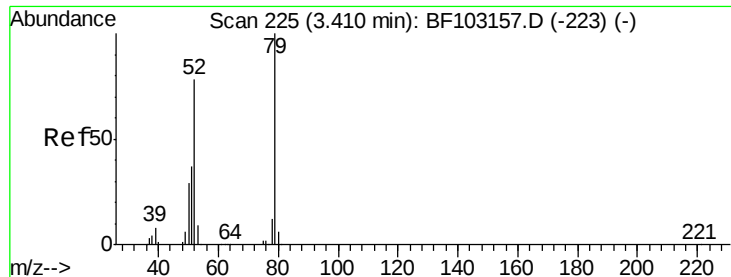


#2

1,4-Dioxane
Concen: 37.231 ng
RT: 2.70 min Scan# 105
Delta R.T. 0.08 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.8	62.6	93.8
43	31.0	24.6	37.0





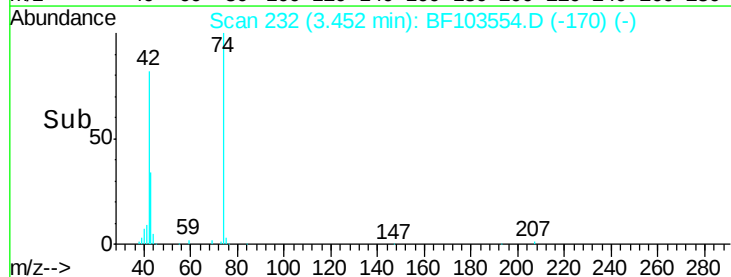
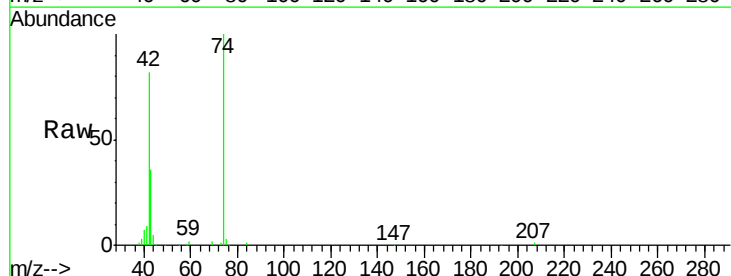
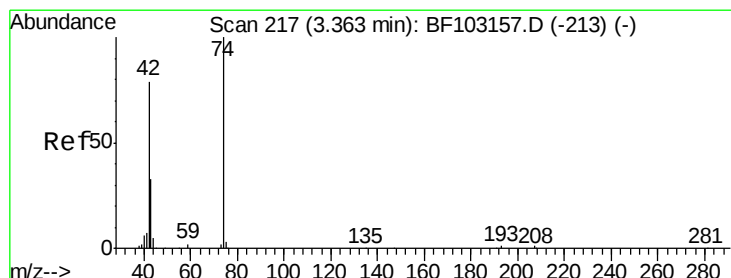
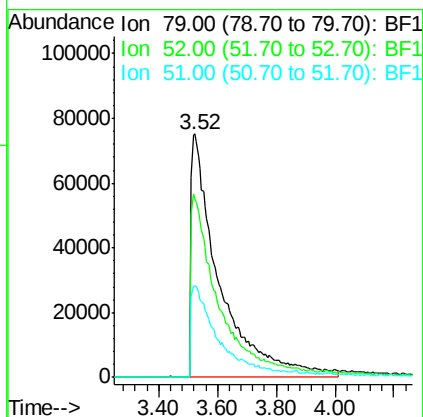
#3
Pvridine
Concen: 39.838 ng m
RT: 3.52 min Scan# 244
Delta R.T. 0.09 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

Tot Ion	Ratio	Lower	Upper
79	100		
52	73.4	59.8	89.6
51	37.7	29.8	44.8

Instrument :
BNA_F
ClientSampleId :
PB107216BS

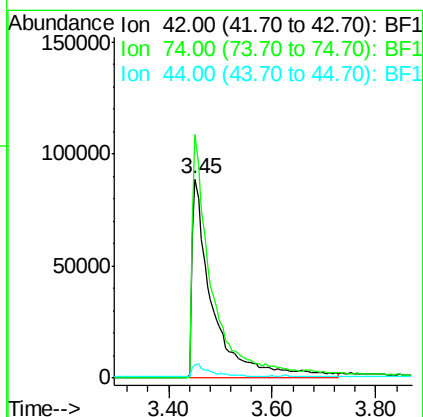
Manual Integrations
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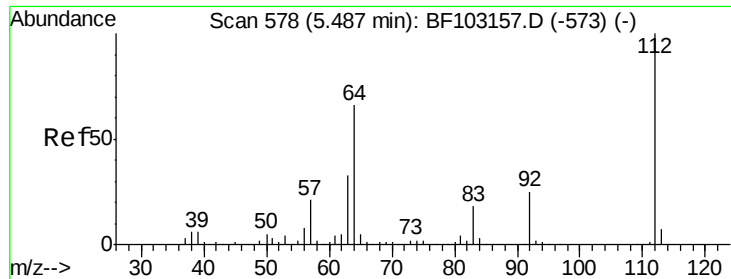
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#4
n-Nitrosodimethylamine
Concen: 48.677 ng m
RT: 3.45 min Scan# 232
Delta R.T. 0.06 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

Tgt Ion	Ratio	Lower	Upper
42	100		
74	122.2	104.9	157.3
44	6.3	6.9	10.3#





#5

2-Fluorophenol

Concen: 125.460 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF103554.D

Acq: 9 Mar 2018 13:58

Instrument :

BNA_F

ClientSampleId :

PB107216BS

Tot Ion: 112 Resp: 1124809

Ion Ratio Lower Upper

112 100

64 65.2 47.9 71.9

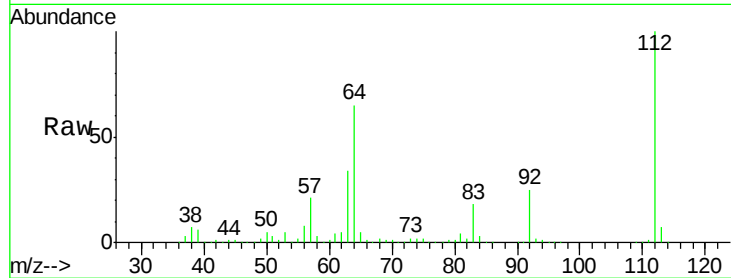
63 34.1 23.7 35.5

Manual Integrations

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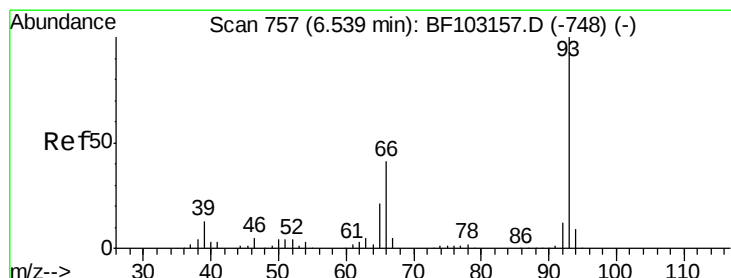
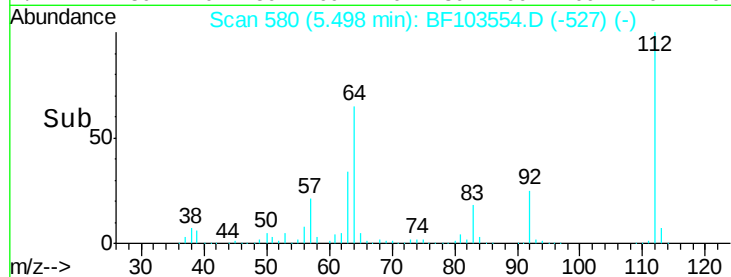
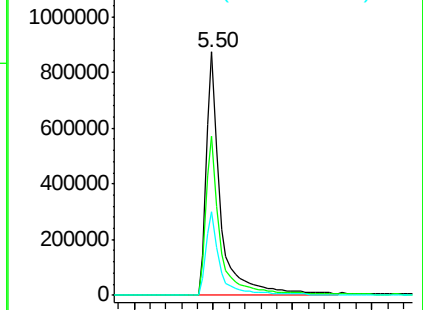
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 25.373 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF103554.D

Acq: 9 Mar 2018 13:58

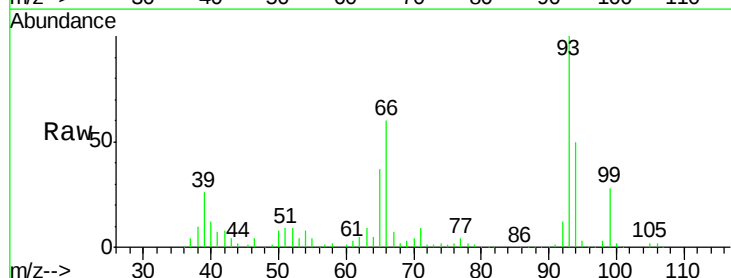
Tgt Ion: 93 Resp: 401732

Ion Ratio Lower Upper

93 100

66 60.1 32.2 48.2#

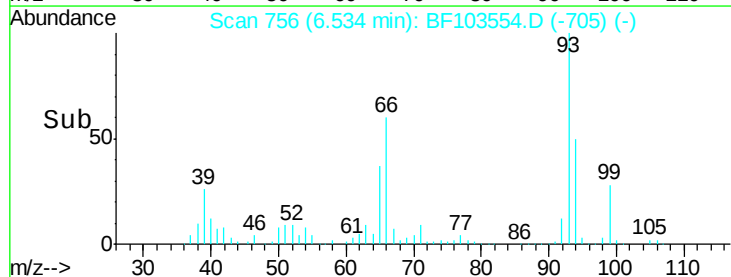
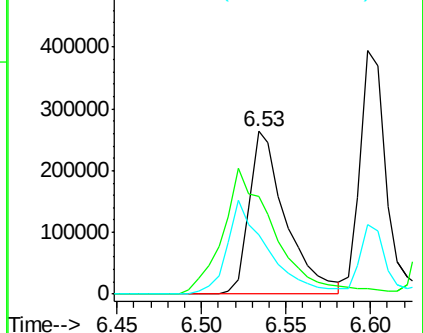
65 36.5 16.4 24.6#

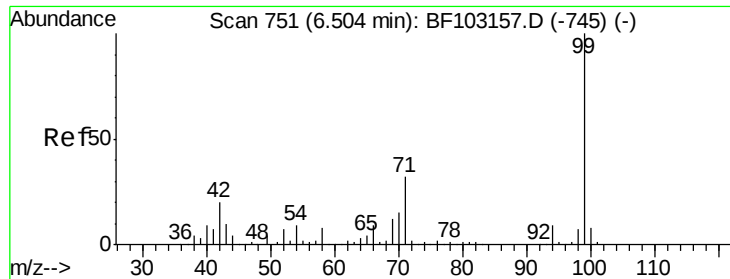


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 121.857 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF103554.D

Acq: 9 Mar 2018 13:58

Instrument :

BNA_F

ClientSampled :

PB107216BS

Tot Ion: 99 Resp: 1336852

Ion Ratio Lower Upper

99 100

42 20.6 14.5 21.7

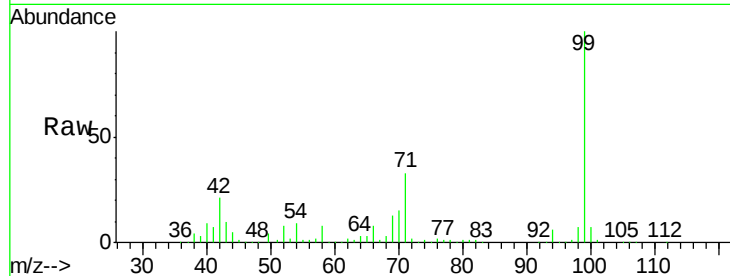
71 33.1 25.4 38.0

Manual Integrations

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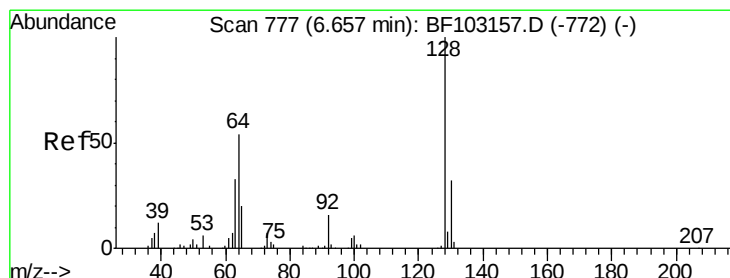
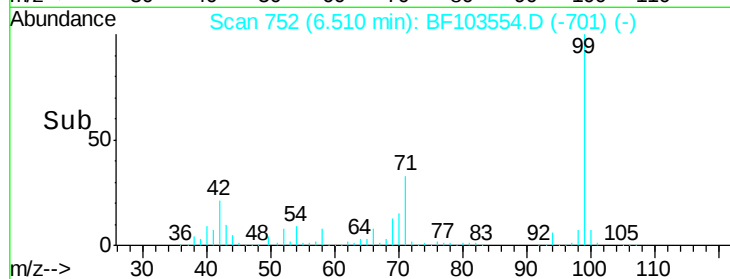
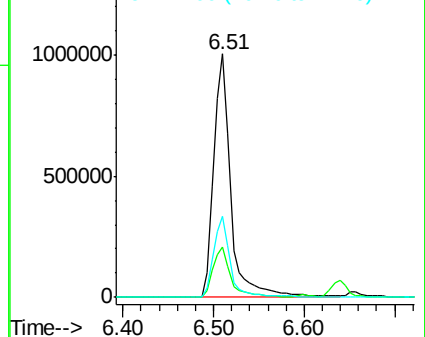
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 44.018 ng

RT: 6.66 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF103554.D

Acq: 9 Mar 2018 13:58

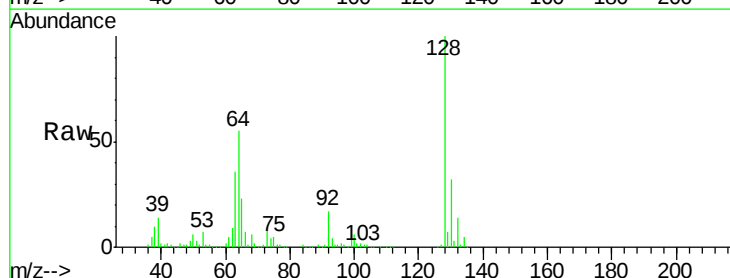
Tgt Ion:128 Resp: 409968

Ion Ratio Lower Upper

128 100

130 32.4 13.0 53.0

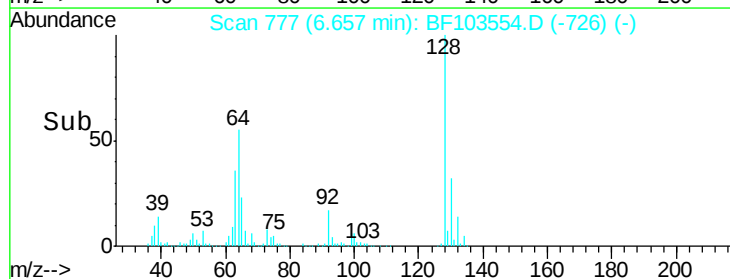
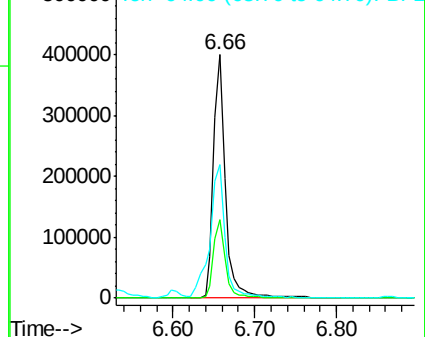
64 54.6 29.4 69.4

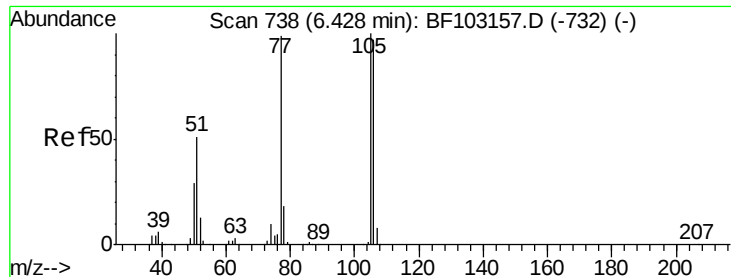


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 22.437 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF103554.D

Acq: 9 Mar 2018 13:58

Instrument :

BNA_F

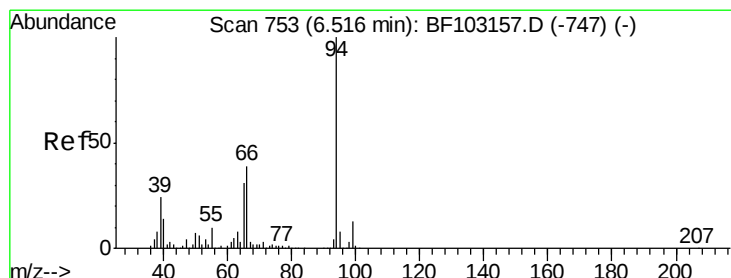
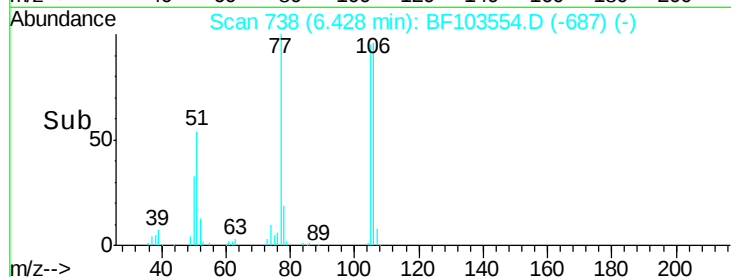
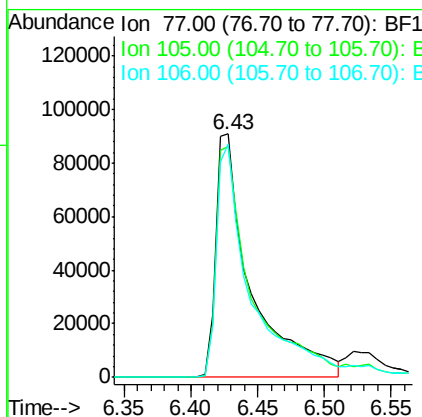
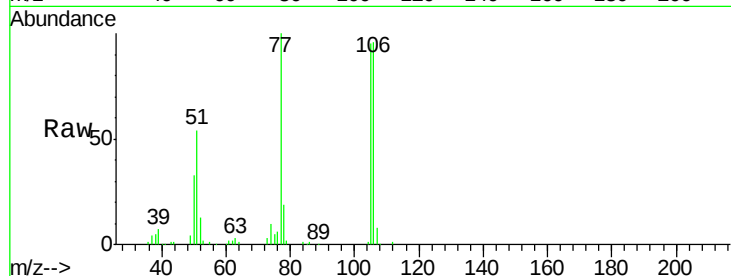
ClientSampleId :

PB107216BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	94.6		81.1	121.1	
106	96.0		74.5	114.5	

Manual Integrations
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#10

Phenol

Concen: 41.549 ng

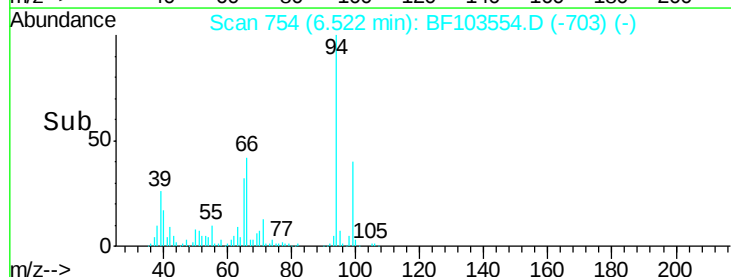
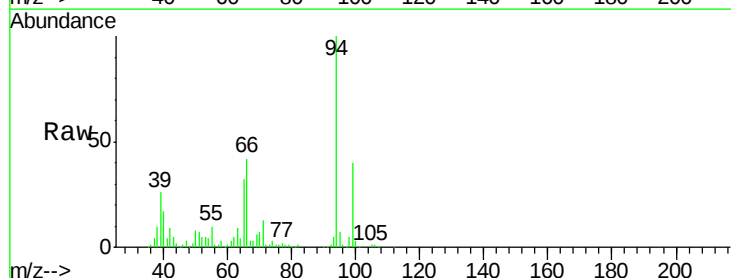
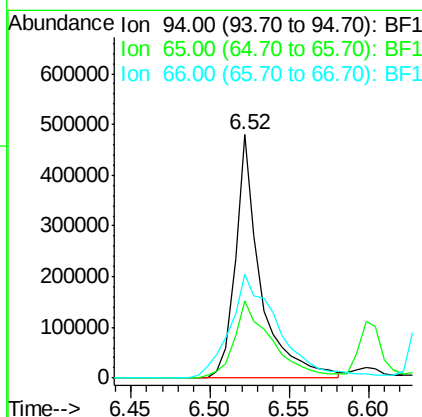
RT: 6.52 min Scan# 754

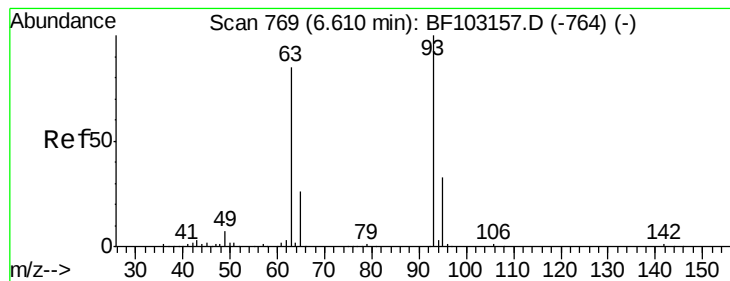
Delta R.T. 0.00 min

Lab File: BF103554.D

Acq: 9 Mar 2018 13:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	31.6		7.9	47.9	
66	42.5		16.2	56.2	





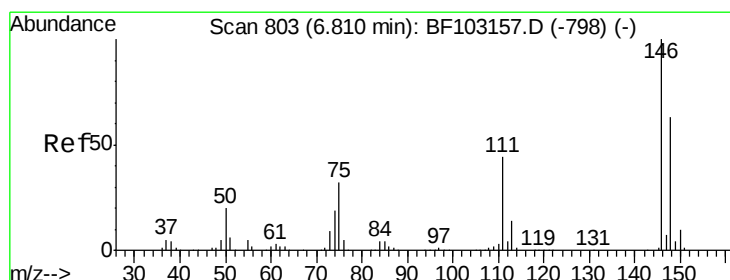
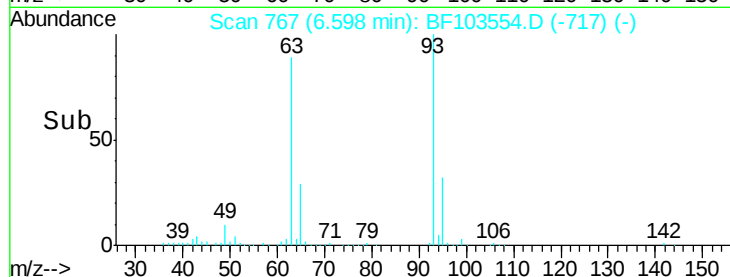
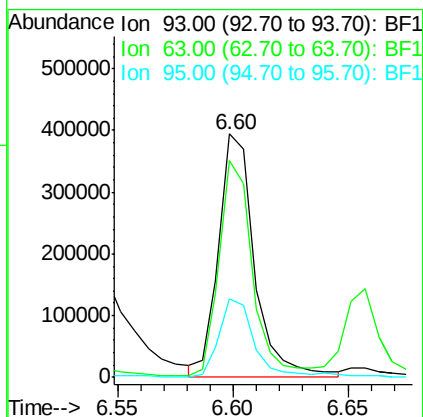
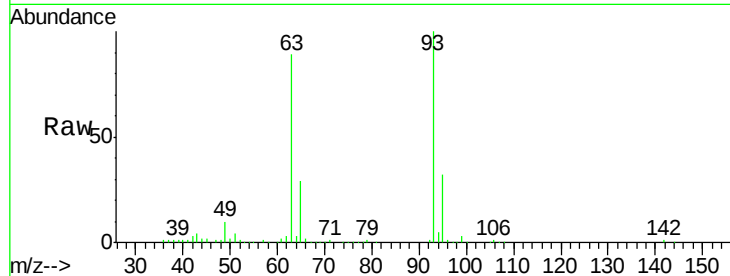
#11
bis(2-Chloroethyl)ether
Concen: 44.091 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

Instrument :
BNA_F
ClientSampleId :
PB107216BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.9	58.6	98.6
95	32.4	11.8	51.8

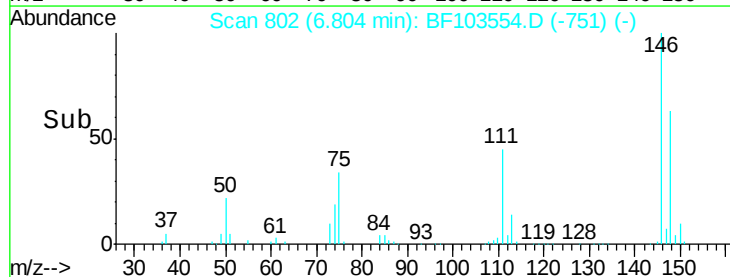
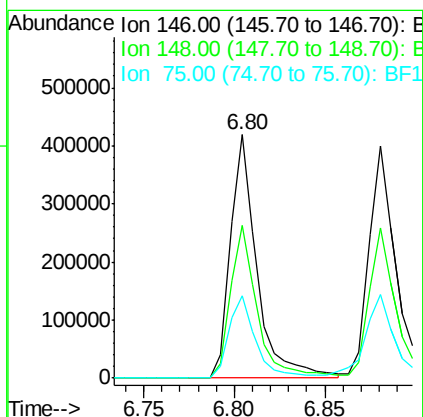
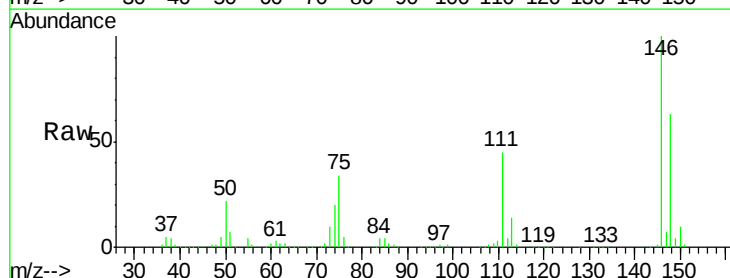
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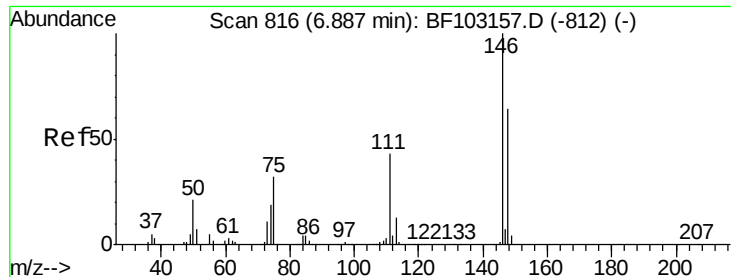
Sohil
3/12/2018 3:50:07 PM



#12
1,3-Dichlorobenzene
Concen: 40.350 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	51.8	77.8
75	34.0	24.2	36.4





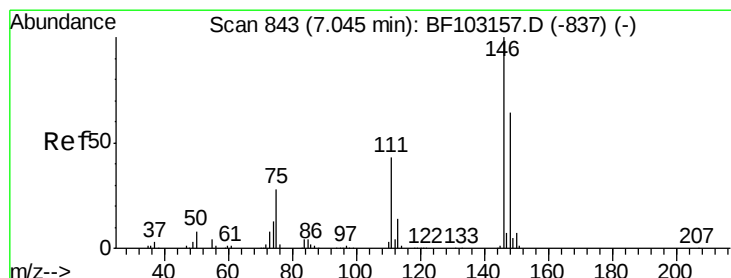
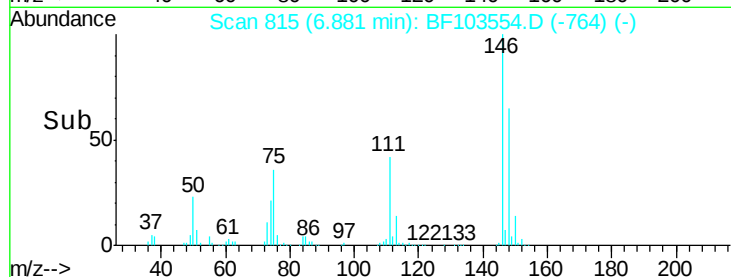
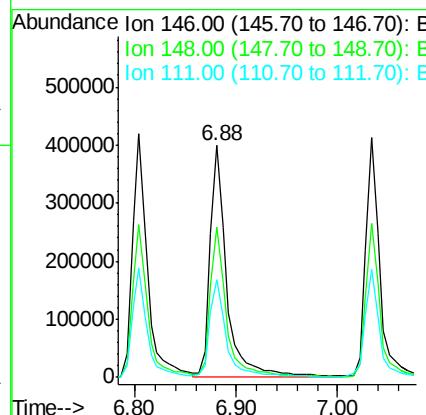
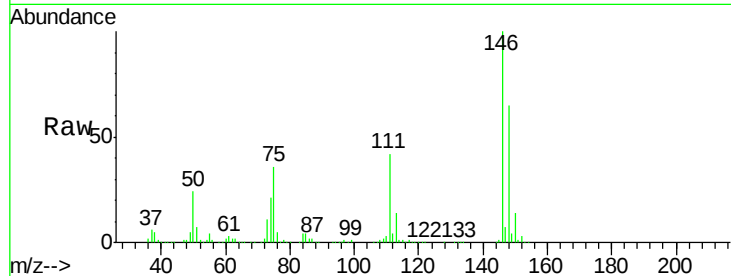
#13
 1,4-Dichlorobenzene
 Concen: 42.507 ng
 RT: 6.88 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF103554.D
 Acq: 9 Mar 2018 13:58

Instrument :
 BNA_F
 ClientSampled :
 PB107216BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.8	76.2
111	42.4	34.2	51.2

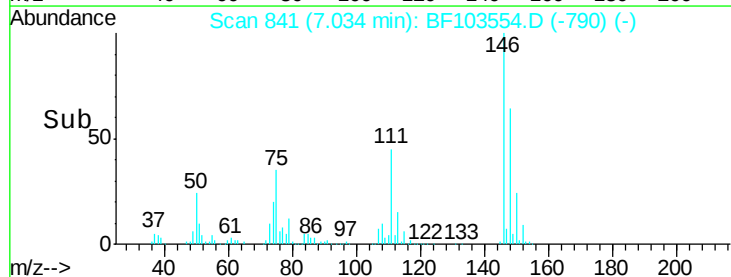
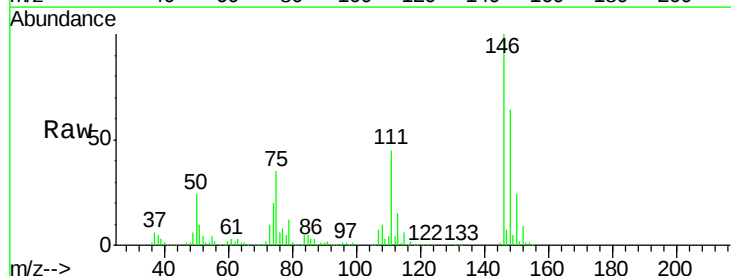
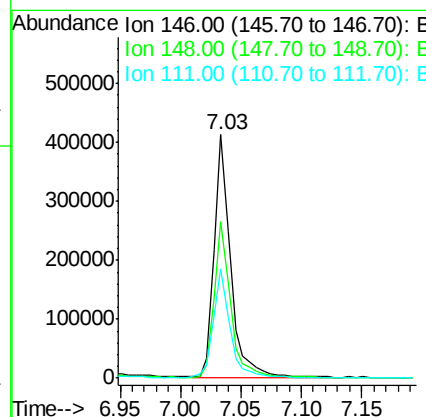
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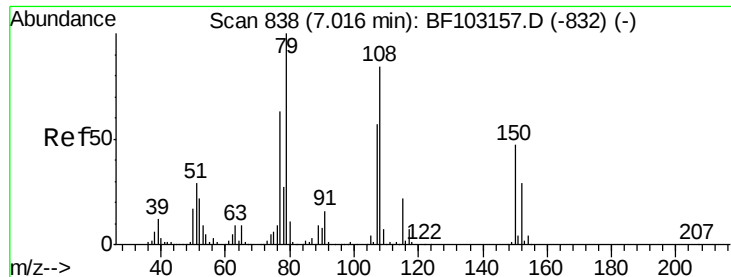
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 39.389 ng
 RT: 7.03 min Scan# 841
 Delta R.T. 0.00 min
 Lab File: BF103554.D
 Acq: 9 Mar 2018 13:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.6	75.8
111	45.0	36.0	54.0





#15

Benzyl Alcohol

Concen: 39.359 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF103554.D

Acq: 9 Mar 2018 13:58

Instrument :

BNA_F

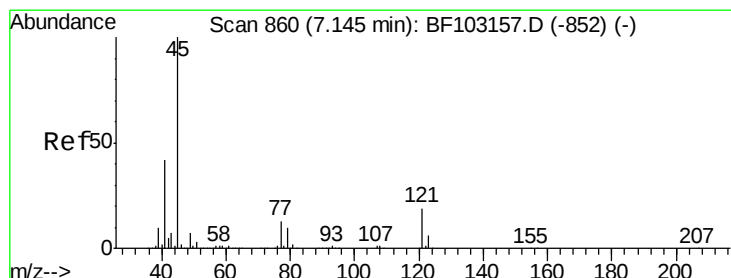
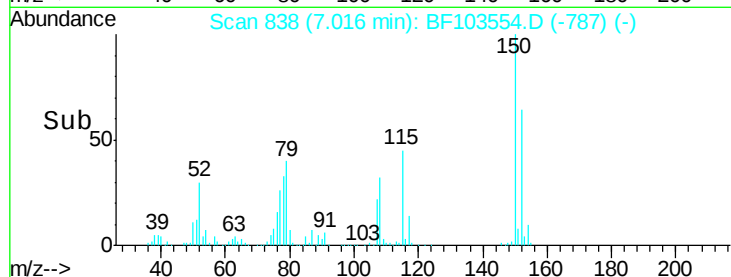
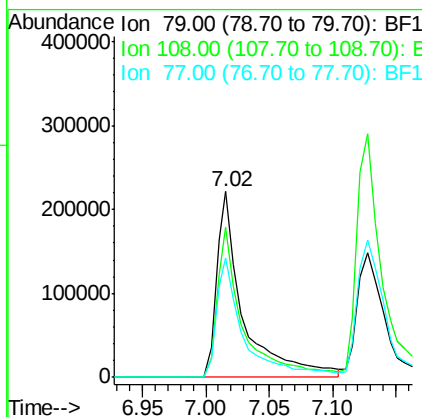
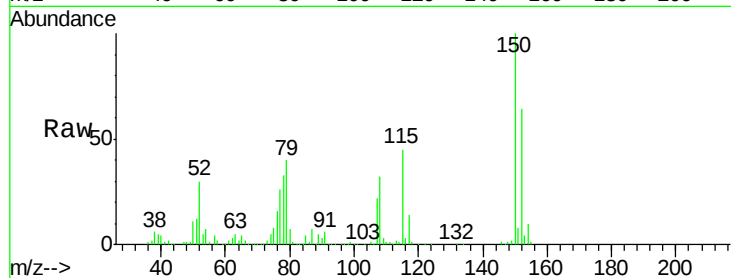
ClientSampled :

PB107216BS

Tot Ion:	79	Resp:	325374
Ion Ratio	Lower	Upper	
79	100		
108	80.9	65.1	97.7
77	64.2	50.6	75.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.186 ng

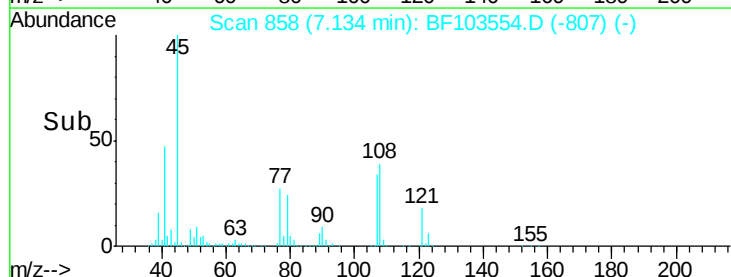
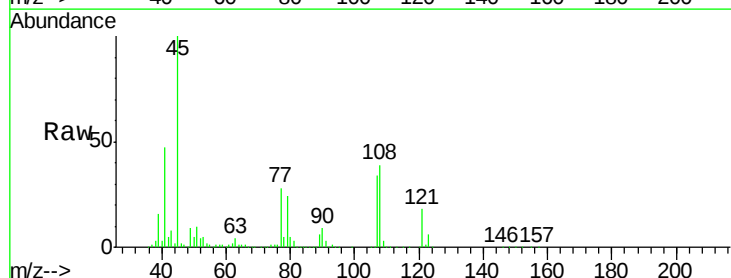
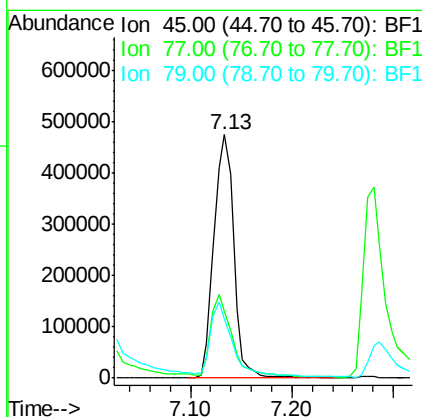
RT: 7.13 min Scan# 858

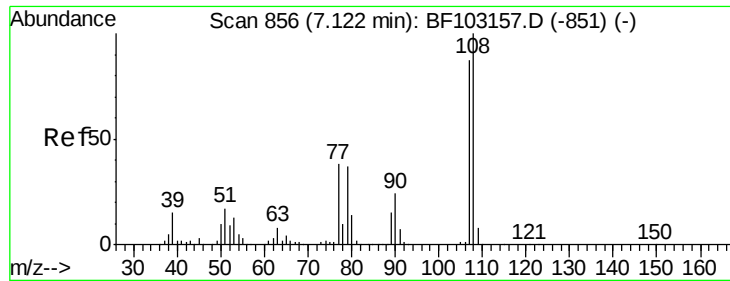
Delta R.T. 0.00 min

Lab File: BF103554.D

Acq: 9 Mar 2018 13:58

Tgt Ion:	45	Resp:	650441
Ion Ratio	Lower	Upper	
45	100		
77	27.6	0.0	32.9
79	24.3	0.0	29.6





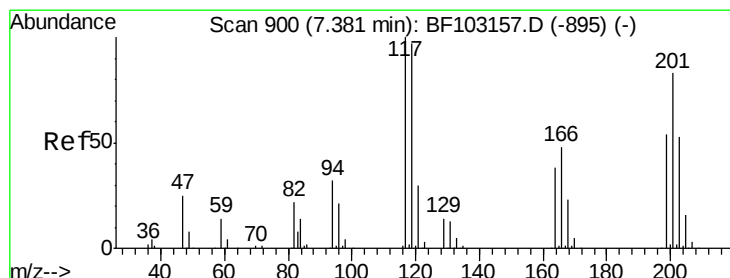
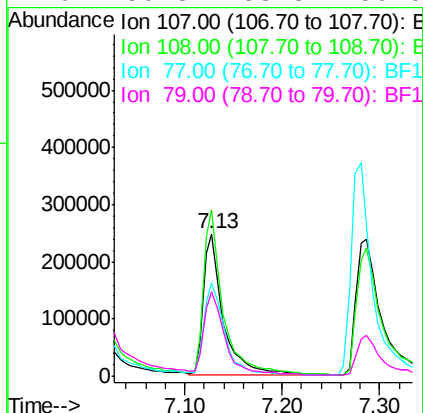
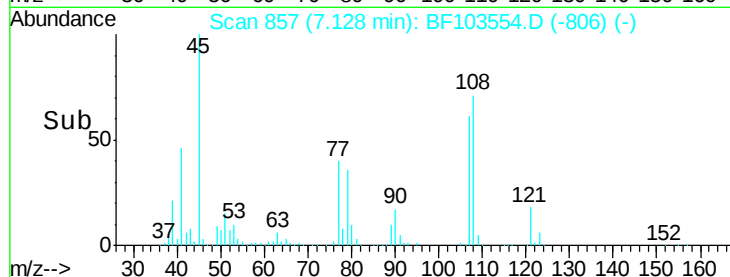
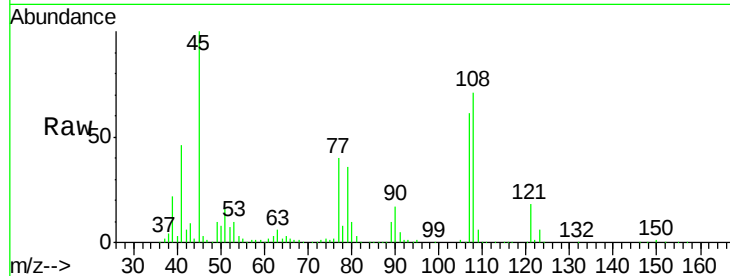
#17
2-Methylphenol
Concen: 41.609 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

Instrument :
BNA_F
ClientSampleId :
PB107216BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	116.5	91.7	137.5
77	65.8	33.8	50.8#
79	59.3	33.8	50.8#

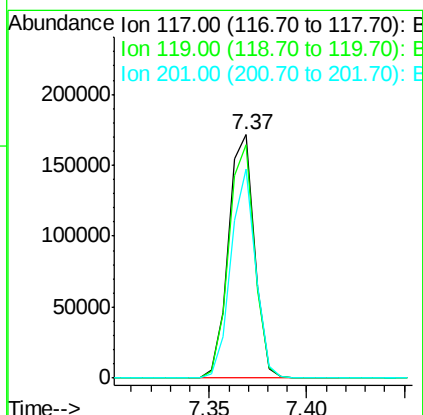
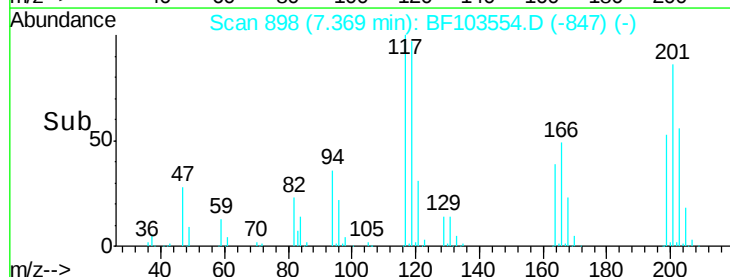
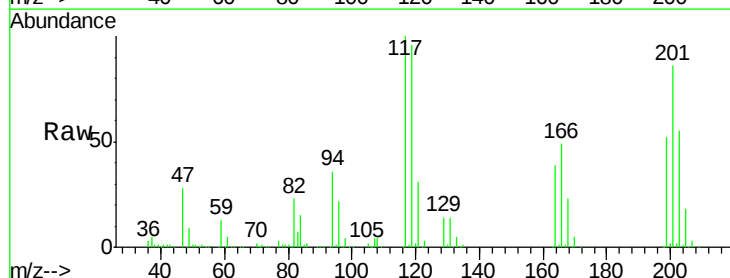
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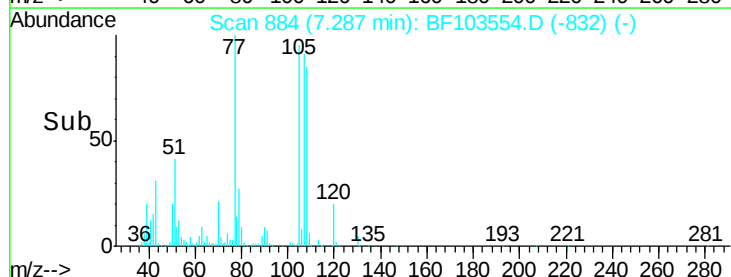
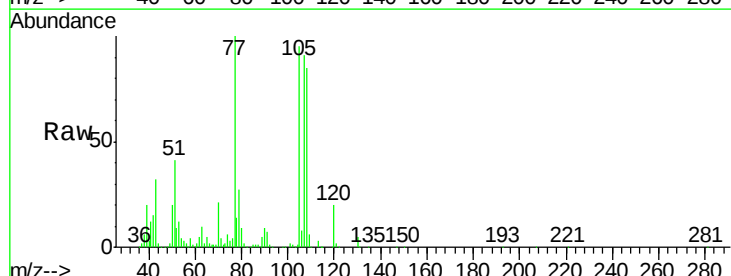
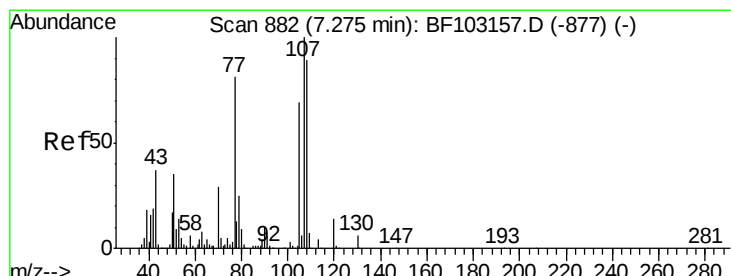
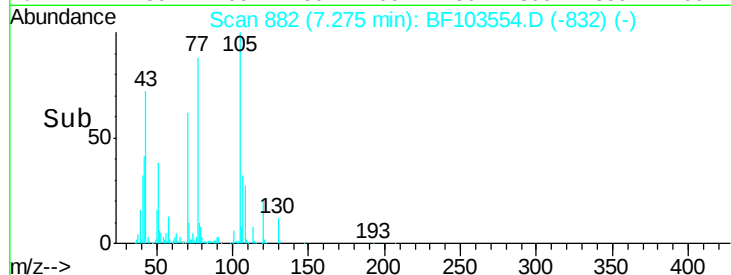
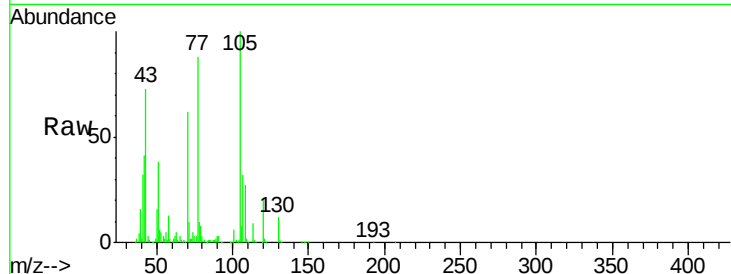
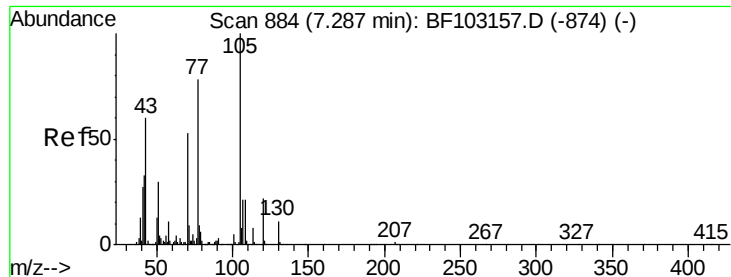
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#18
Hexachloroethane
Concen: 41.075 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

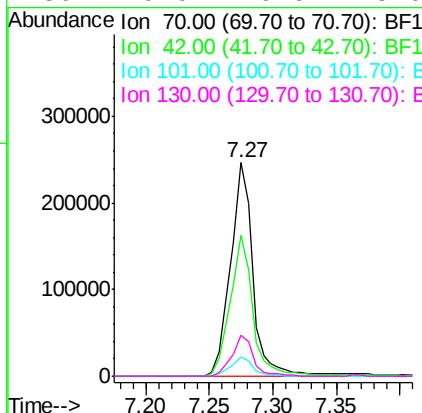
Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.8	113.8
201	85.8	75.7	113.5





#19
n-Nitroso-di-n-propylamine
Concen: 44.154 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

Tot Ion	70	Resp	301470
Ion Ratio	Lower	Upper	
70	100		
42	65.8	47.5	71.3
101	9.2	7.4	11.2
130	19.0	16.6	25.0



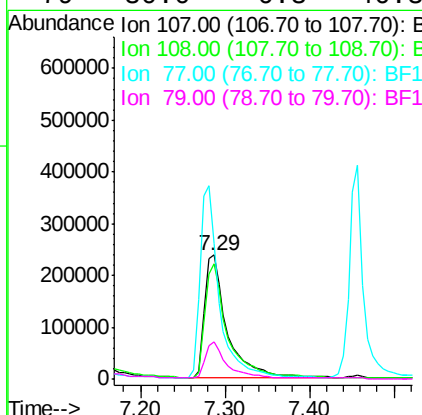
Instrument :
BNA_F
ClientSampleId :
PB107216BS

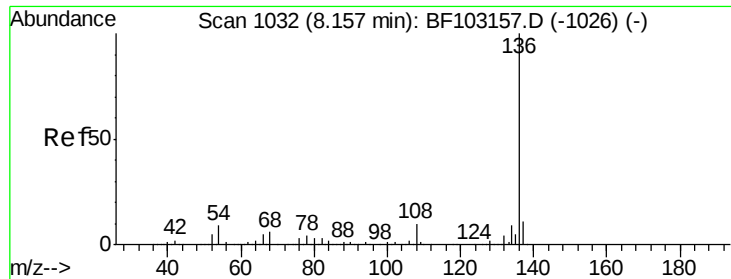
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#20
3+4-Methylphenols
Concen: 43.366 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

Tgt Ion	107	Resp	447424
Ion Ratio	Lower	Upper	
107	100		
108	93.3	68.2	108.2
77	110.0	26.7	66.7#
79	30.0	6.3	46.3





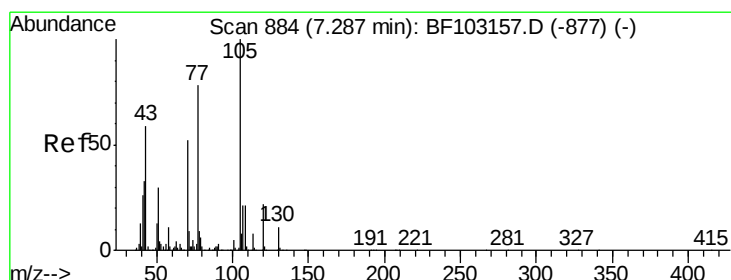
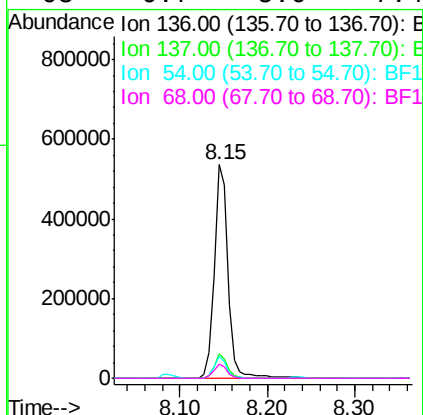
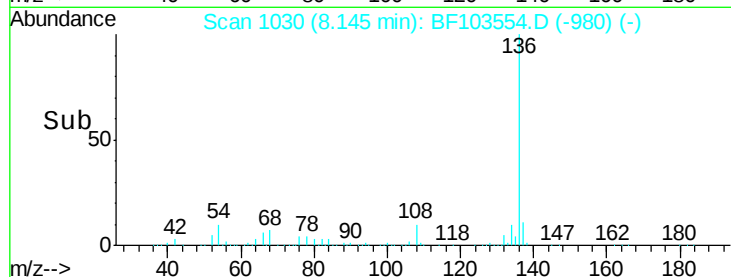
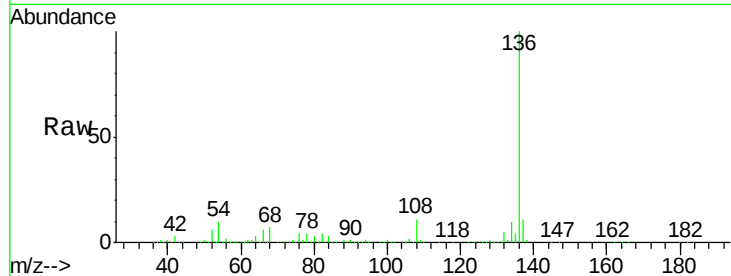
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

Instrument :
BNA_F
ClientSampleId :
PB107216BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	8.9	13.3	
54	9.9	6.6	9.8	
68	6.7	5.0	7.4	

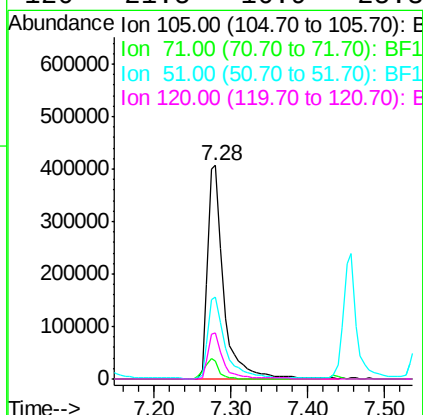
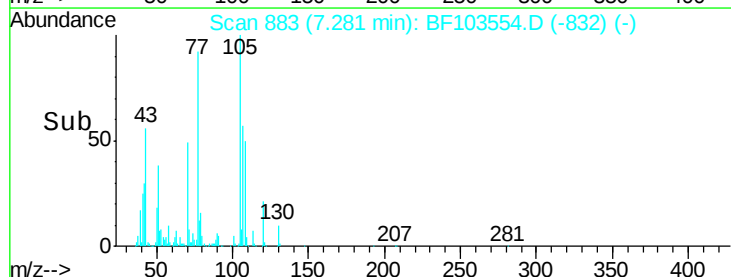
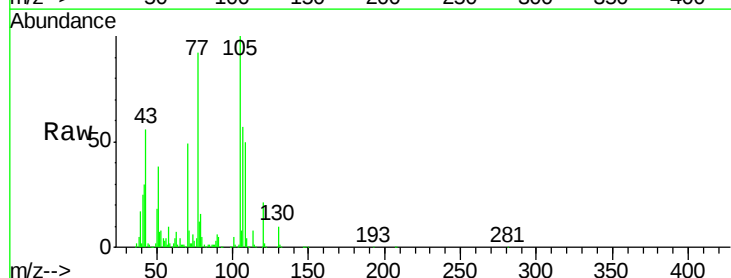
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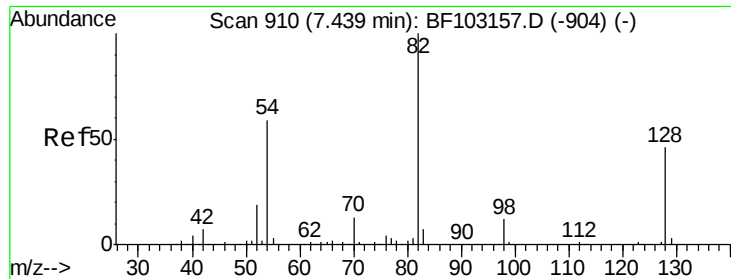
Sohil
3/12/2018 3:50:07 PM



#22
Acetophenone
Concen: 42.816 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.4	4.4	6.6	
51	38.3	22.3	33.5	
120	21.5	16.9	25.3	





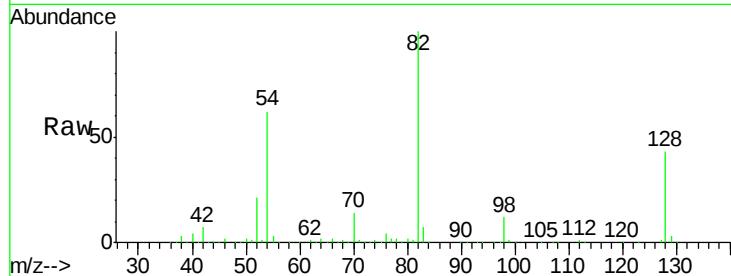
#23
Nitrobenzene-d5
Concen: 86.384 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

Instrument :
BNA_F
ClientSampleId :
PB107216BS

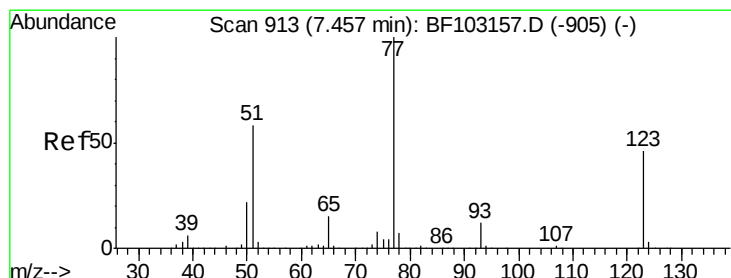
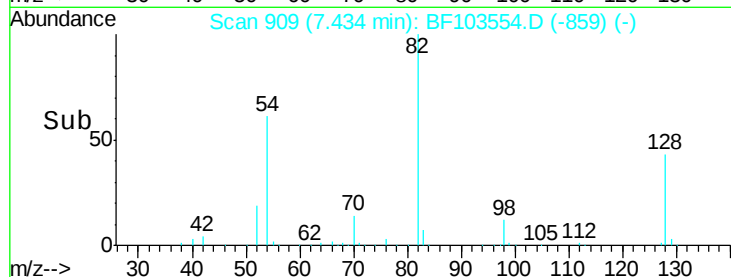
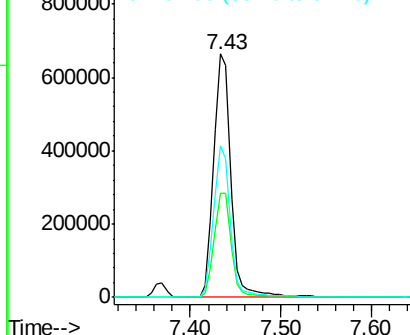
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.5	36.1	54.1
54	61.9	41.4	62.2

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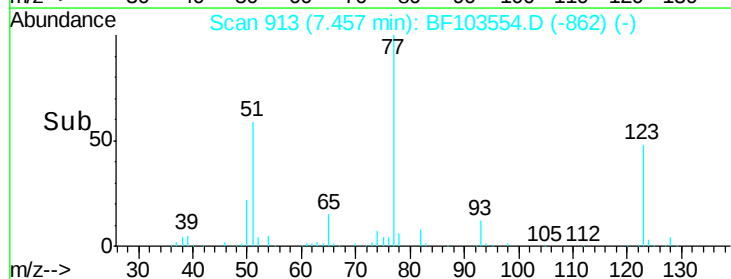
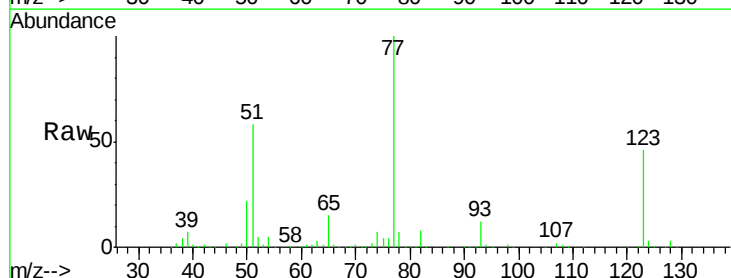
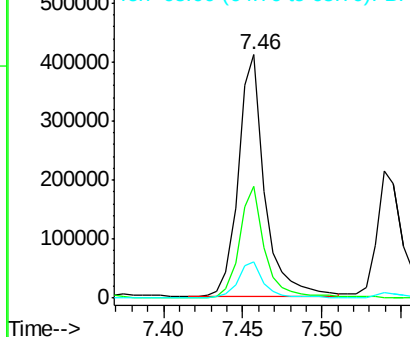
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

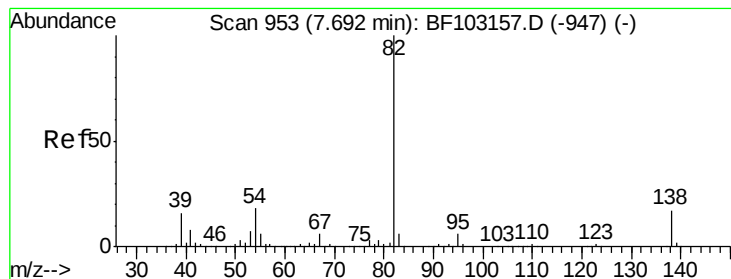


#24
Nitrobenzene
Concen: 41.707 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.7	37.9	56.9
65	14.6	11.0	16.4

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





#25

Isophorone

Concen: 44.252 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF103554.D

Acq: 9 Mar 2018 13:58

Instrument :

BNA_F

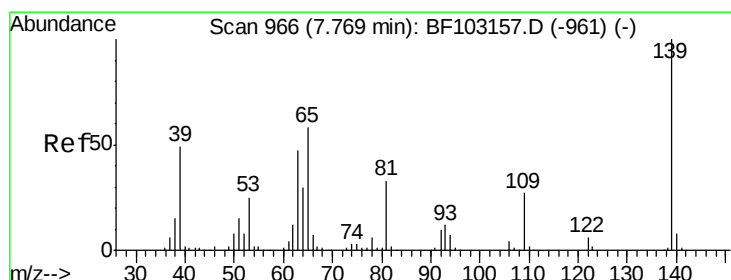
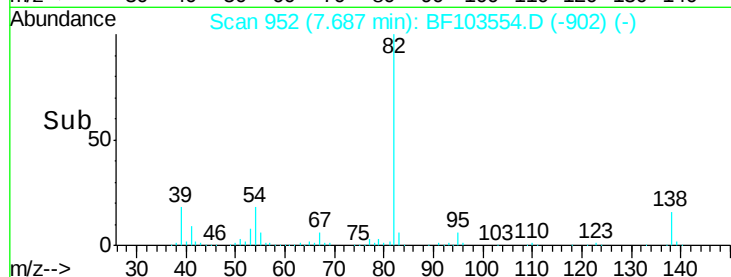
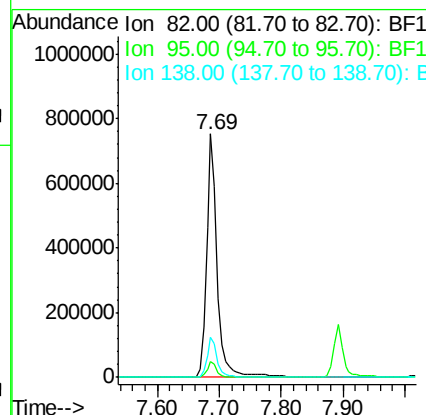
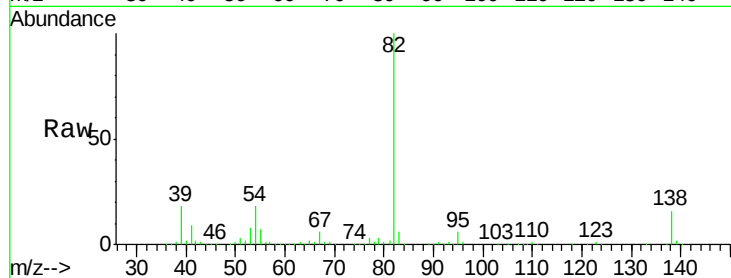
ClientSampleId :

PB107216BS

Tot Ion:	82	Resp:	895251
Ion Ratio		Lower	Upper
82	100		
95	6.4	5.2	7.8
138	16.3	14.9	22.3

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#26

2-Nitrophenol

Concen: 43.603 ng

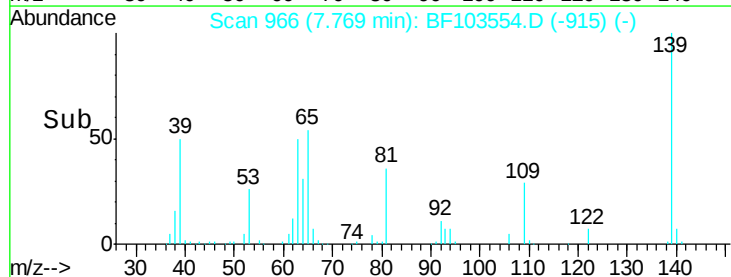
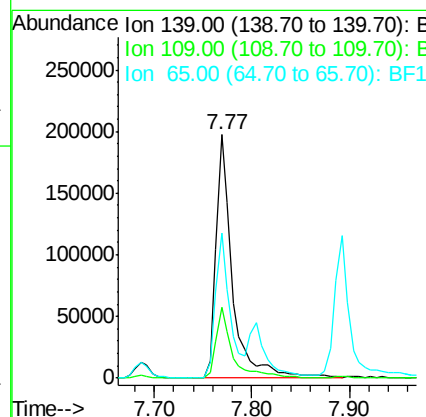
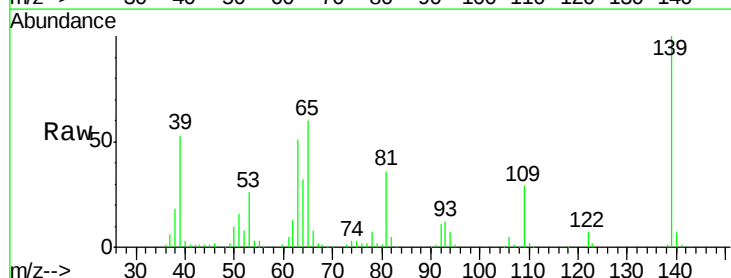
RT: 7.77 min Scan# 966

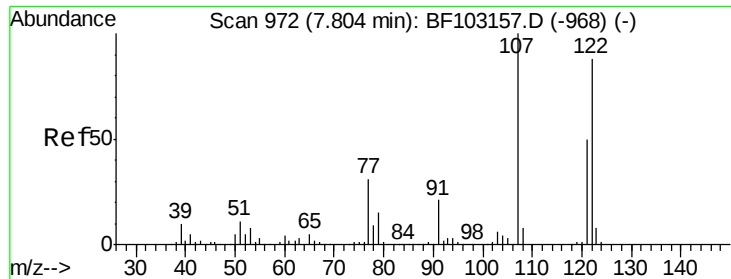
Delta R.T. 0.00 min

Lab File: BF103554.D

Acq: 9 Mar 2018 13:58

Tgt Ion:	139	Resp:	232145
Ion Ratio		Lower	Upper
139	100		
109	29.1	22.7	34.1
65	59.6	40.5	60.7





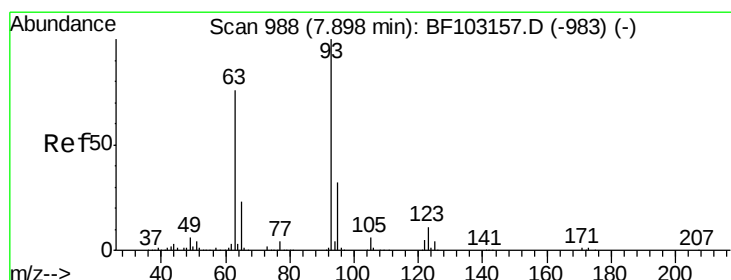
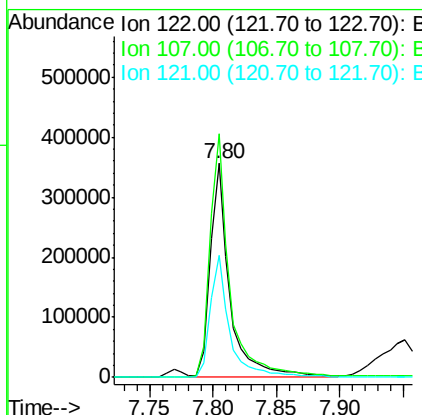
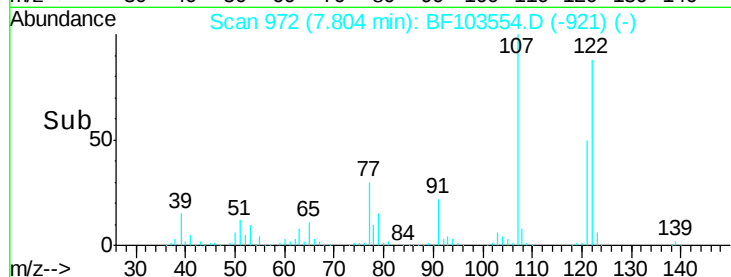
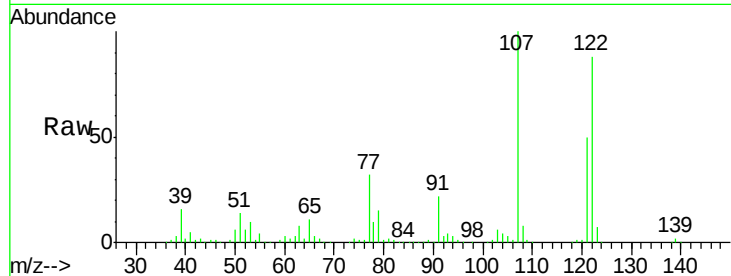
#27
 2,4-Dimethylphenol
 Concen: 47.135 ng
 RT: 7.80 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: BF103554.D
 Acq: 9 Mar 2018 13:58

Instrument :
 BNA_F
 ClientSampled :
 PB107216BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.0	91.2	136.8
121	57.0	47.2	70.8

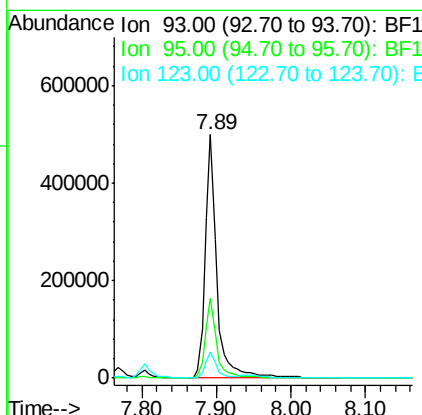
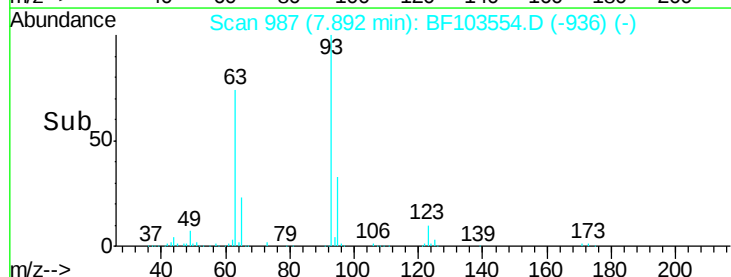
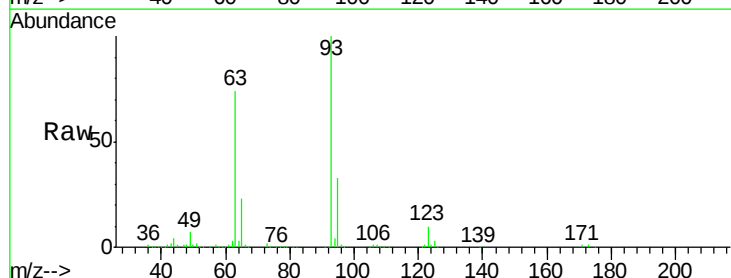
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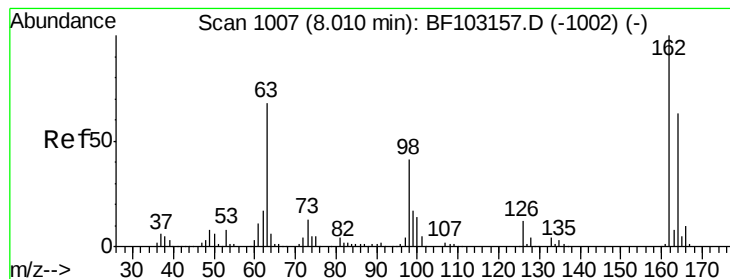
Sohil
 3/12/2018 3:50:07 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.535 ng
 RT: 7.89 min Scan# 987
 Delta R.T. 0.00 min
 Lab File: BF103554.D
 Acq: 9 Mar 2018 13:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.3	39.5
123	10.4	9.8	14.6





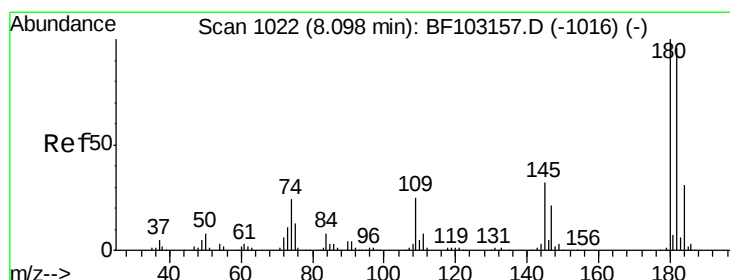
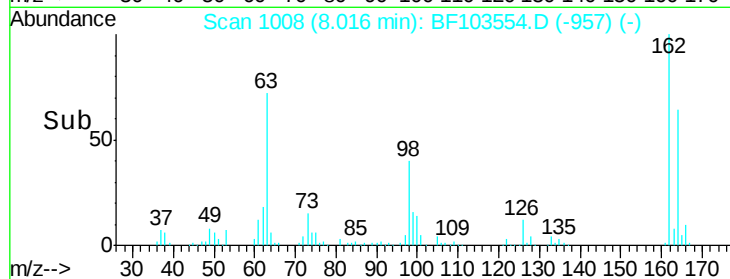
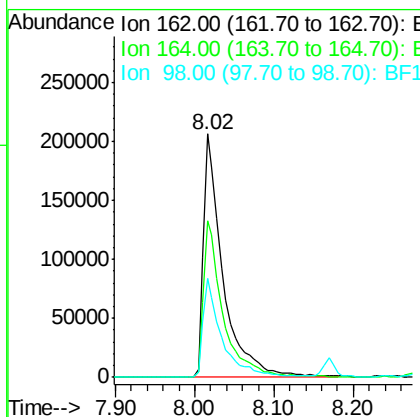
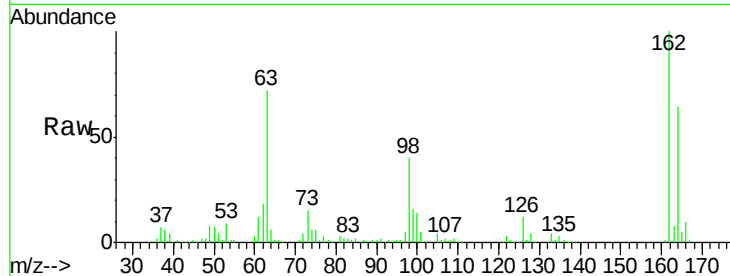
#29
 2,4-Dichlorophenol
 Concen: 45.648 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. 0.00 min
 Lab File: BF103554.D
 Acq: 9 Mar 2018 13:58

Instrument :
 BNA_F
 ClientSampled :
 PB107216BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	355661		
164	64.2	42.7	82.7	
98	40.4	18.1	58.1	

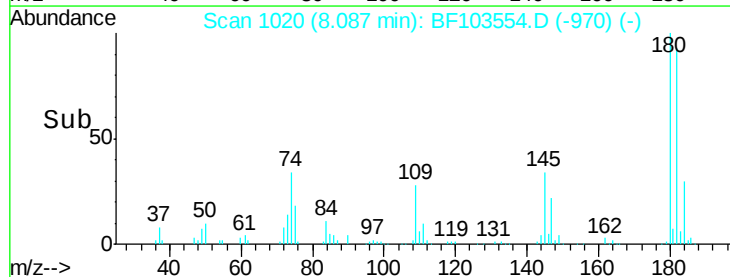
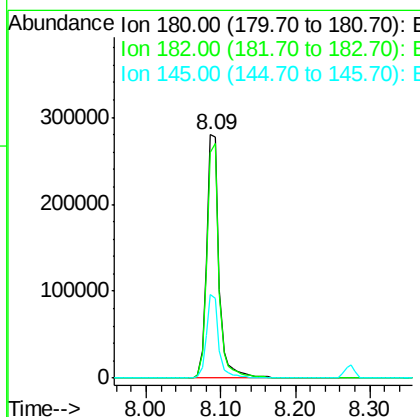
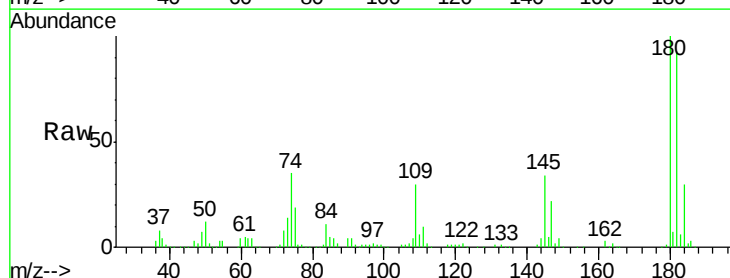
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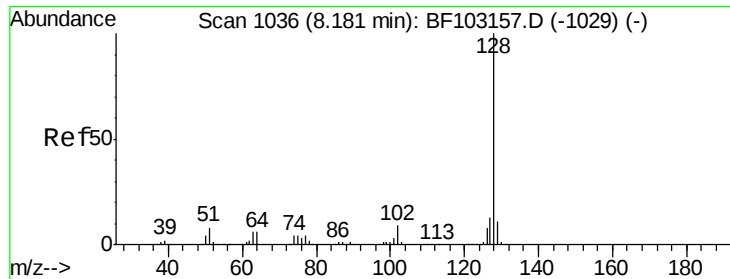
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.136 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BF103554.D
 Acq: 9 Mar 2018 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	324714		
182	92.7	76.8	115.2	
145	34.4	26.5	39.7	





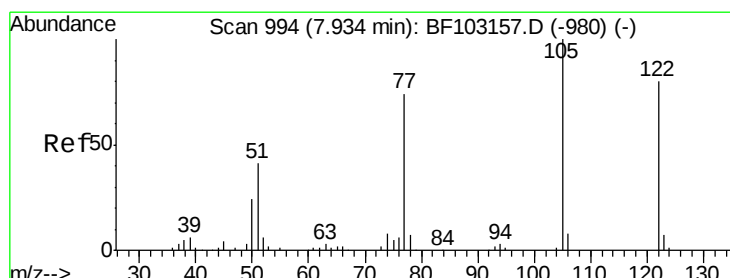
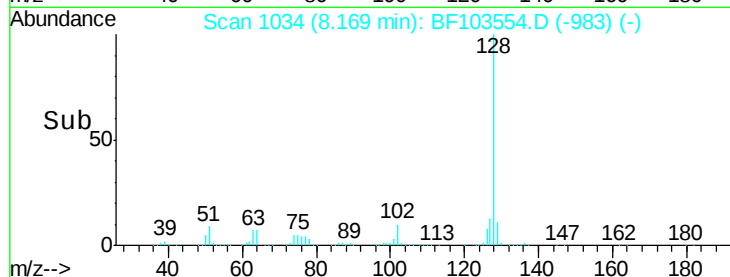
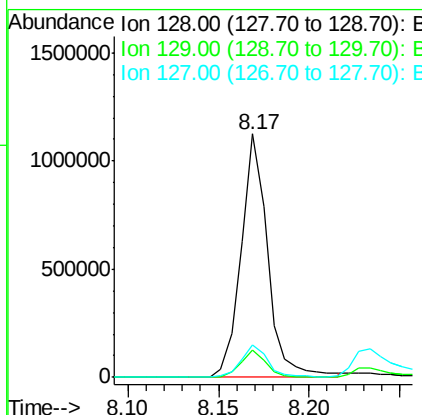
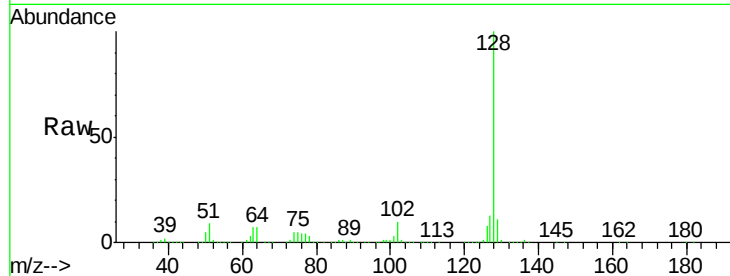
#31
Naphthalene
Concen: 40.085 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

Instrument :
BNA_F
ClientSampleId :
PB107216BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.3	10.9	16.3

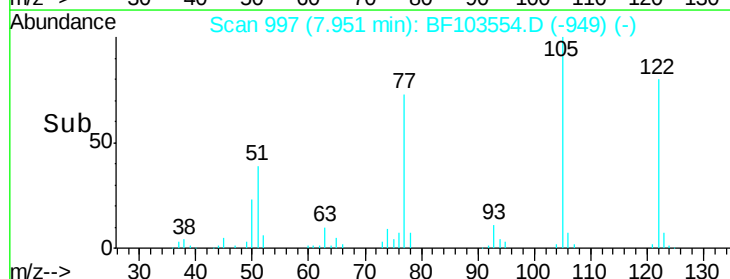
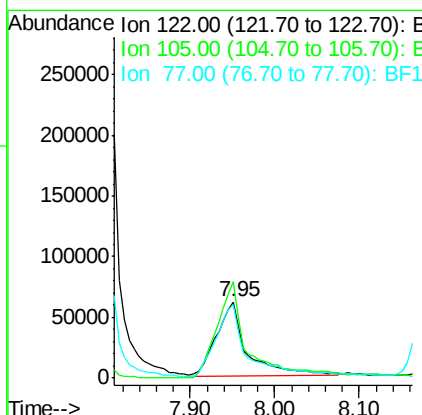
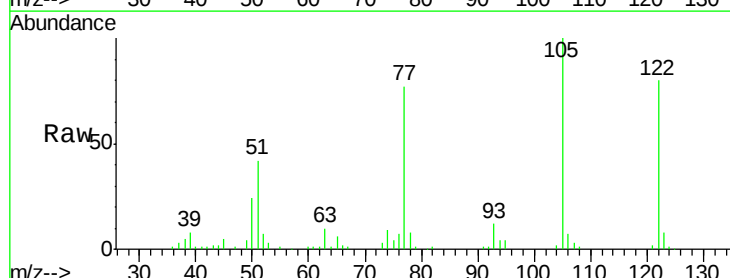
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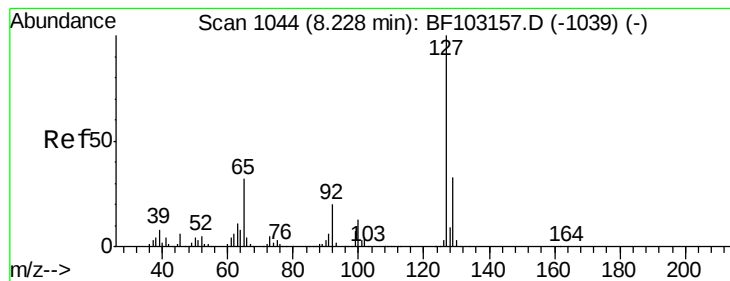
Sohil
3/12/2018 3:50:07 PM



#32
Benzoic acid
Concen: 28.081 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.02 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.3	101.1	141.1
77	96.7	70.7	110.7





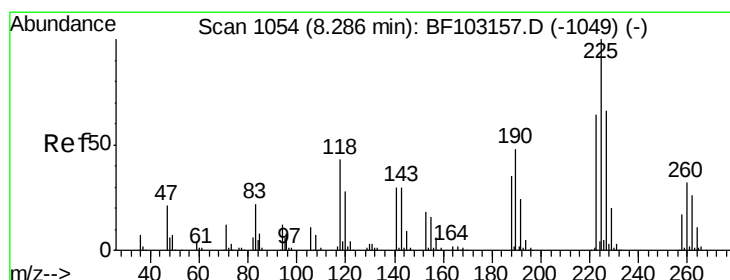
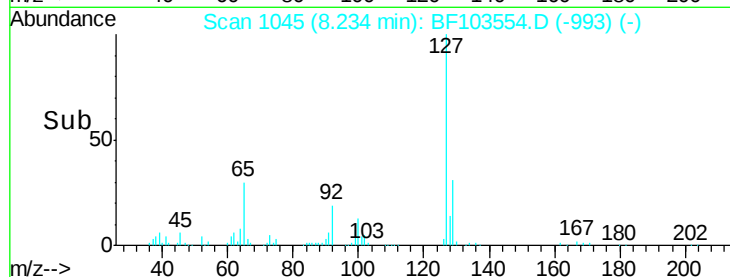
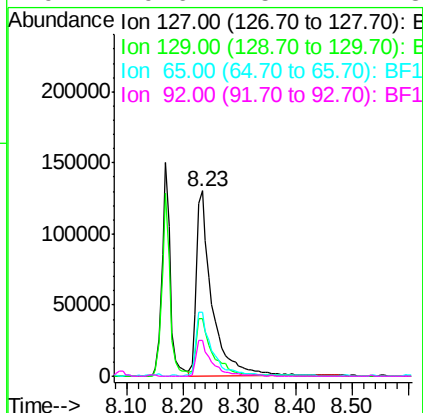
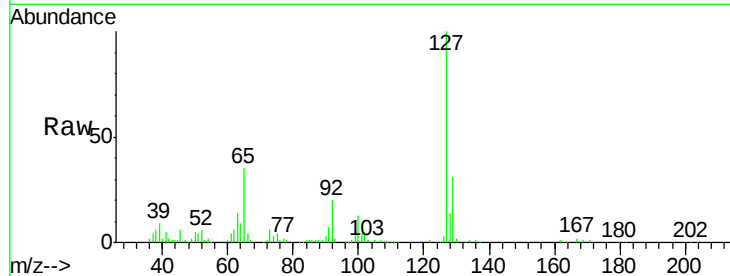
#33
 4-Chloroaniline
 Concen: 20.019 ng
 RT: 8.23 min Scan# 1045
 Delta R.T. 0.01 min
 Lab File: BF103554.D
 Acq: 9 Mar 2018 13:58

Instrument :
 BNA_F
 ClientSampleId :
 PB107216BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.4		25.9	38.9	
65	34.5		25.0	37.4	
92	19.6		15.2	22.8	

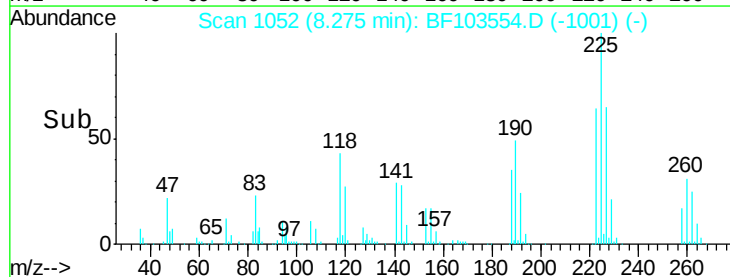
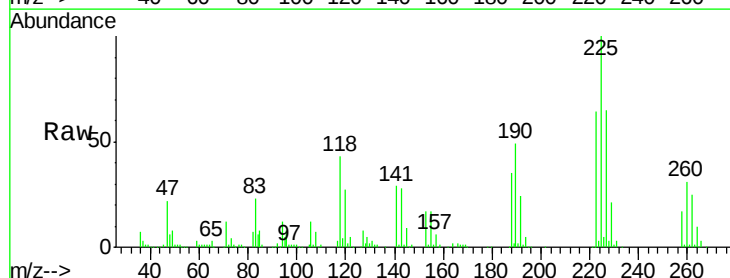
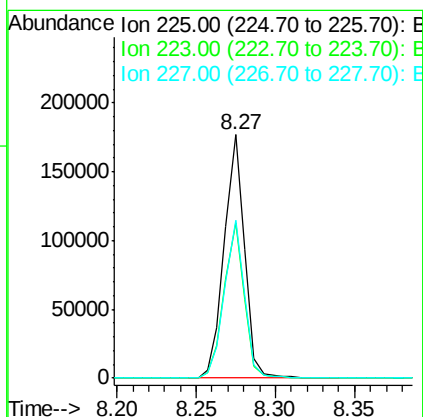
Manual Integrations
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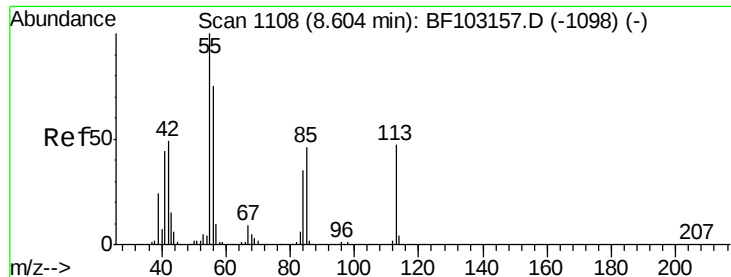
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 3/12/2018 3:50:07 PM



#34
 Hexachlorobutadiene
 Concen: 36.458 ng
 RT: 8.27 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: BF103554.D
 Acq: 9 Mar 2018 13:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.8		50.6	76.0	
227	65.0		51.9	77.9	





#35

Caprolactam

Concen: 43.213 ng

RT: 8.61 min Scan# 1109

Delta R.T. 0.00 min

Lab File: BF103554.D

Acq: 9 Mar 2018 13:58

Instrument :

BNA_F

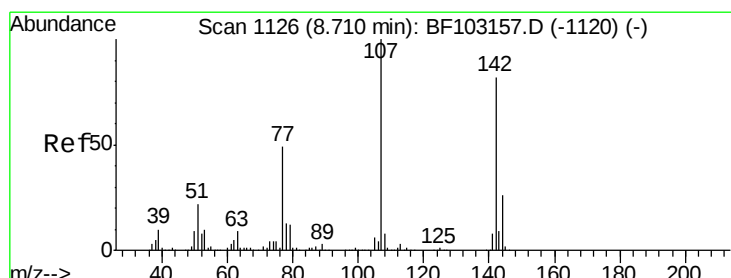
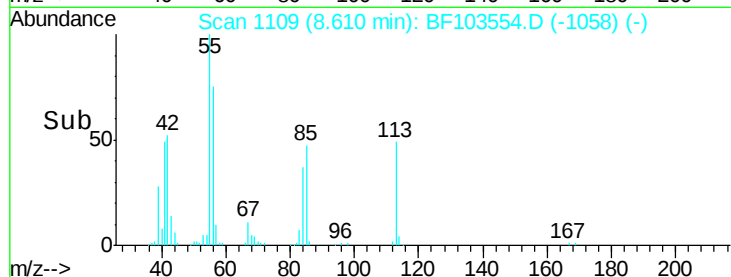
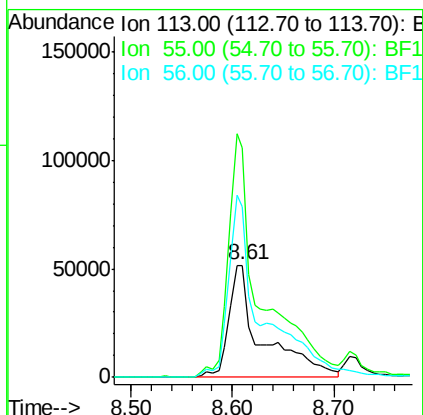
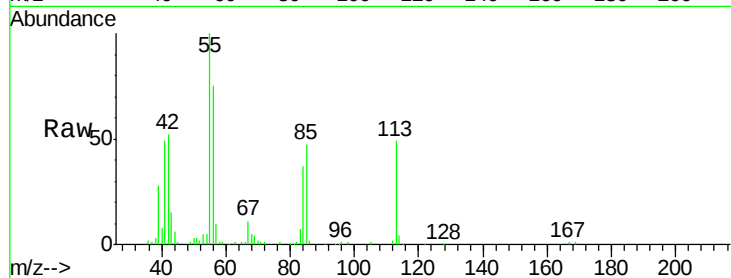
ClientSampled :

PB107216BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	203.7	163.3	203.3#
56	152.0	115.7	155.7

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 44.743 ng

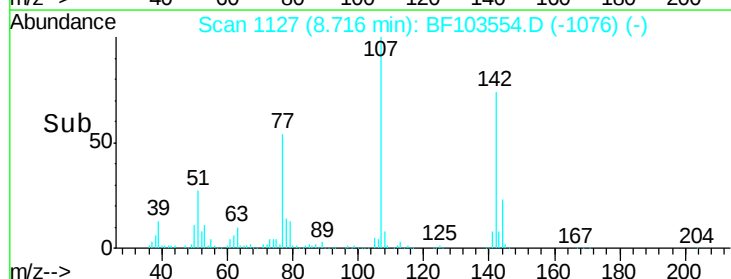
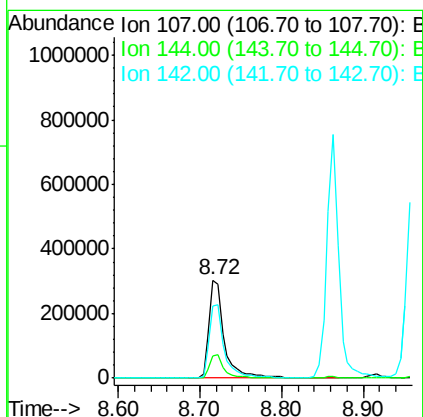
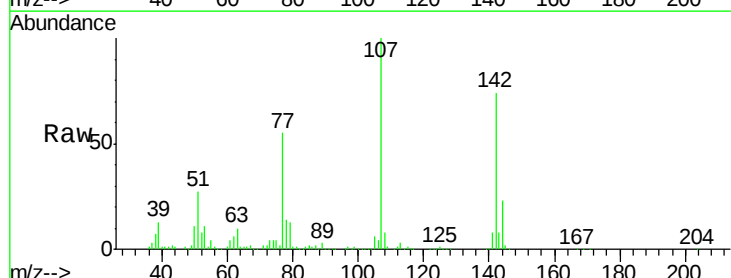
RT: 8.72 min Scan# 1127

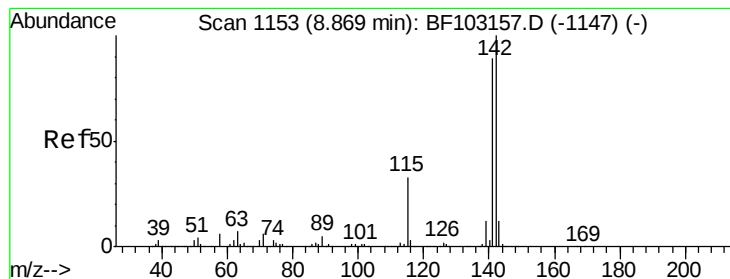
Delta R.T. 0.00 min

Lab File: BF103554.D

Acq: 9 Mar 2018 13:58

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.3	20.5	30.7
142	74.0	62.0	93.0





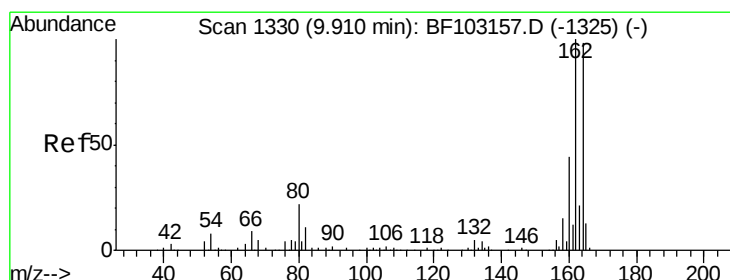
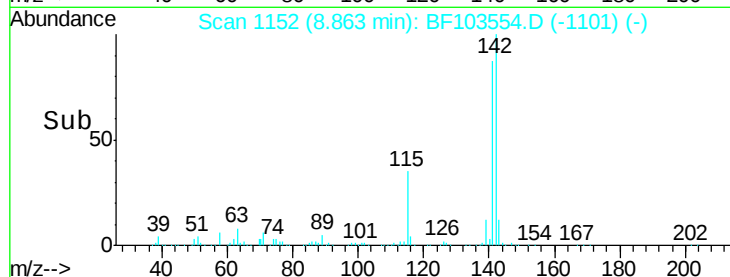
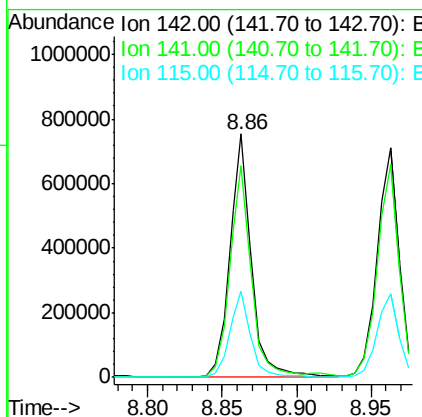
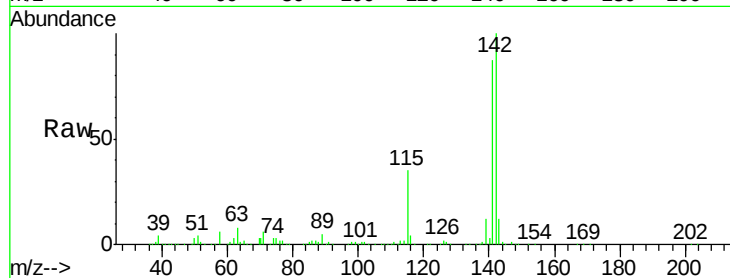
#37
2-Methylnaphthalene
Concen: 41.080 ng
RT: 8.86 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

Instrument :
BNA_F
ClientSampleId :
PB107216BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.0	70.8	106.2
115	35.4	26.1	39.1

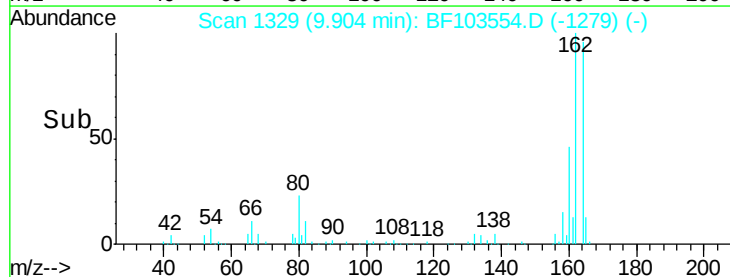
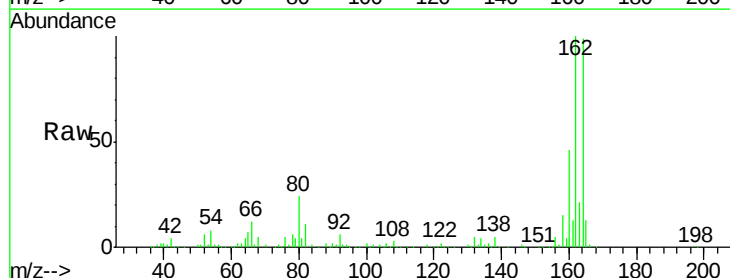
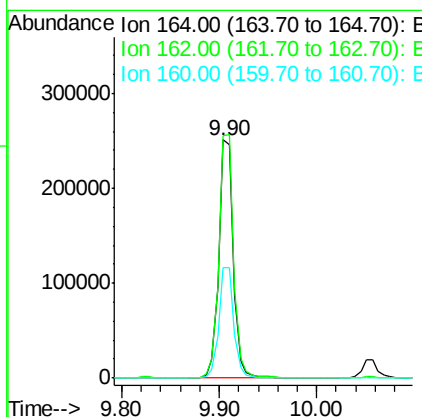
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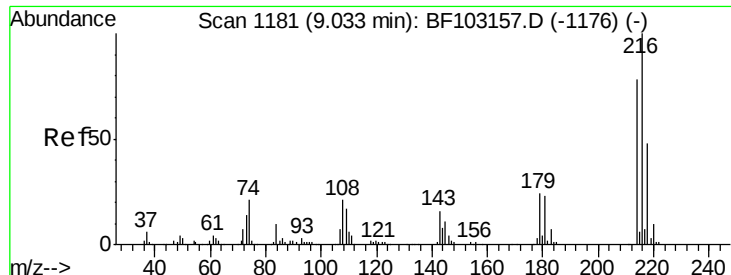
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	86.1	129.1
160	46.5	38.3	57.5





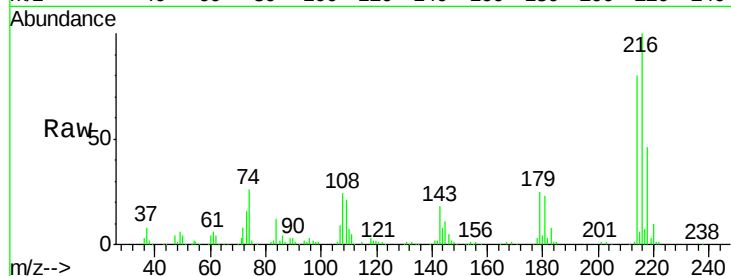
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.392 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF103554.D
 Acq: 9 Mar 2018 13:58

Instrument :
 BNA_F
 ClientSampleId :
 PB107216BS

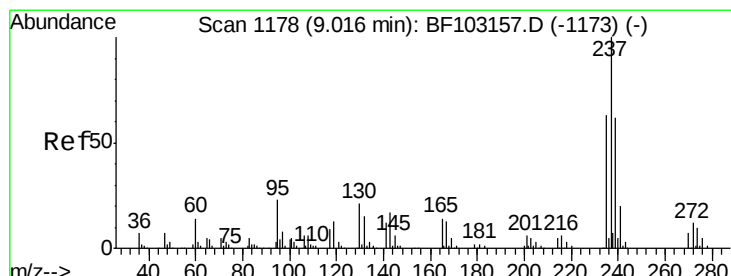
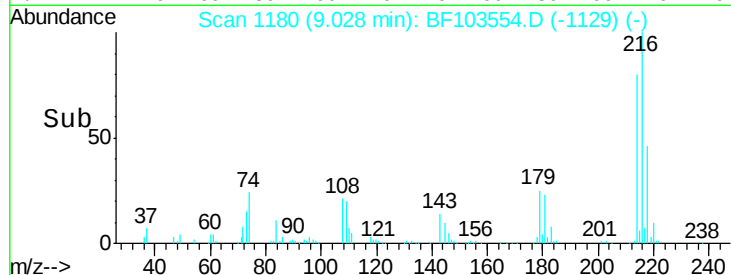
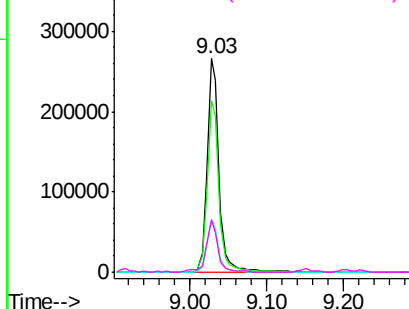
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		281198		
214	79.9	63.0	94.4		
179	24.0	18.1	27.1		
108	23.8	17.2	25.8		

Manual Integrations
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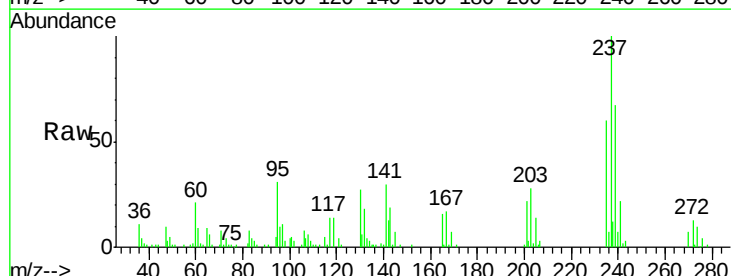


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

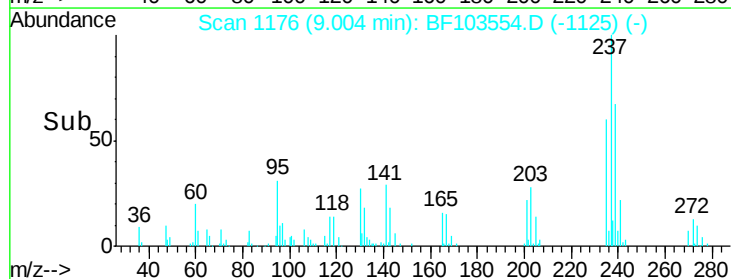
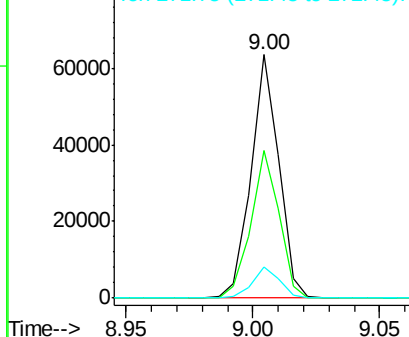


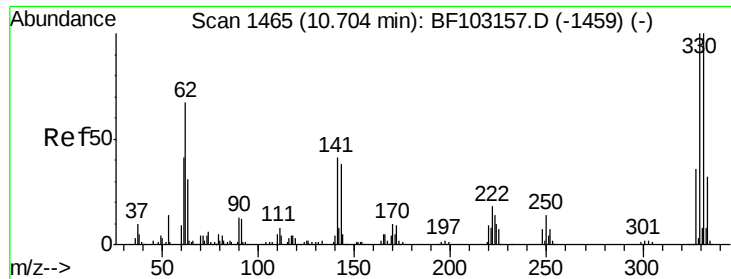
#40
 Hexachlorocyclopentadiene
 Concen: 26.070 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF103554.D
 Acq: 9 Mar 2018 13:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		48649		
235	60.5	44.8	84.8		
272	12.8	0.0	33.3		



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





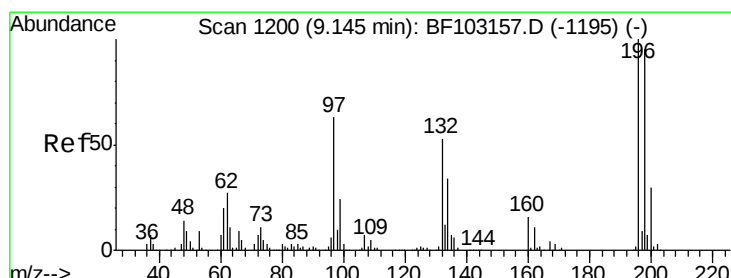
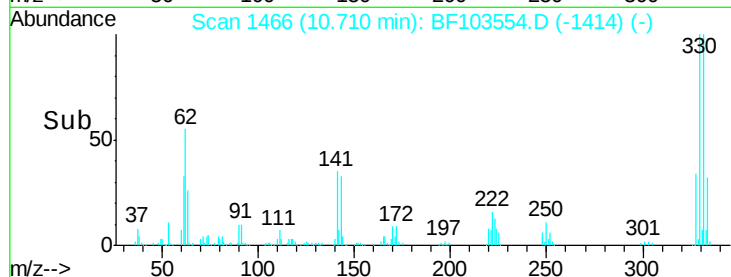
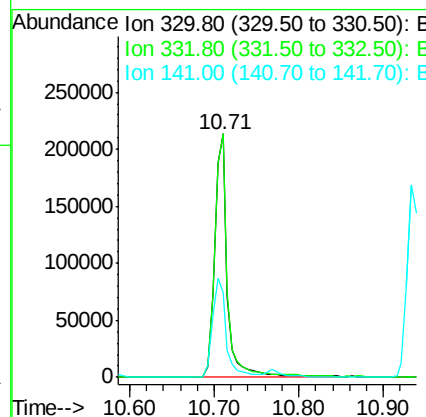
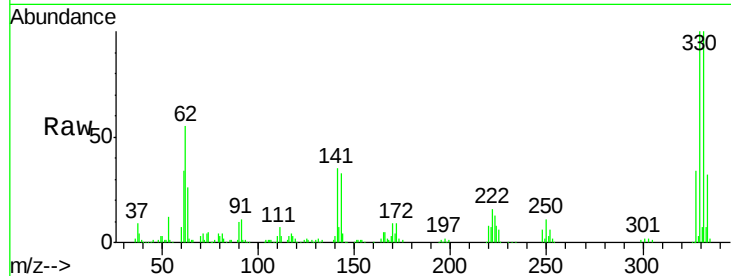
#41
 2,4,6-Tribromophenol
 Concen: 103.667 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.01 min
 Lab File: BF103554.D
 Acq: 9 Mar 2018 13:58

Instrument :
 BNA_F
 ClientSampled :
 PB107216BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	101.1	77.0	115.6
141	44.0	29.9	44.9

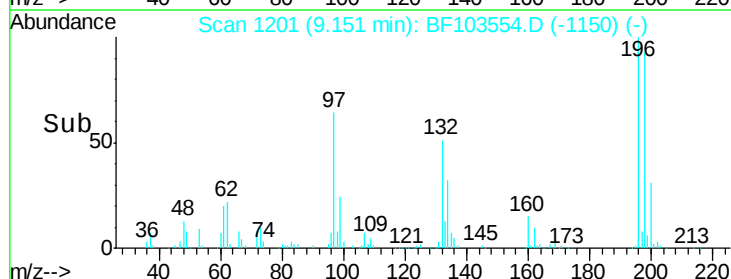
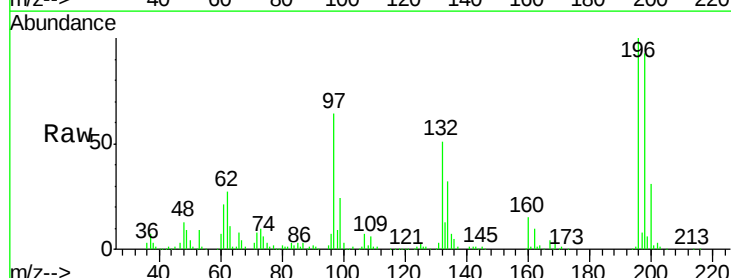
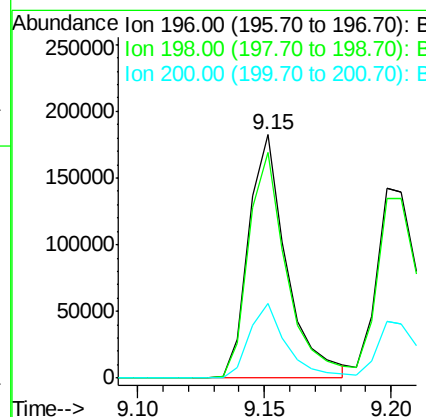
Manual Integrations
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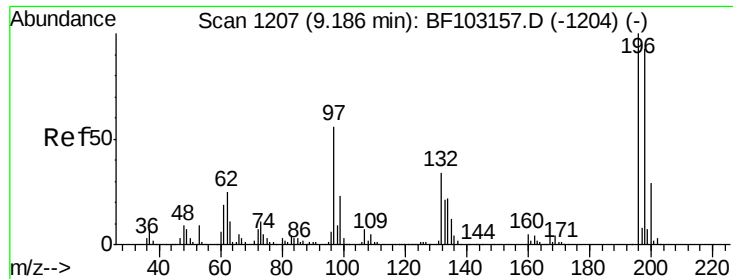
Sohil
 3/12/2018 3:50:07 PM



#42
 2,4,6-Trichlorophenol
 Concen: 39.718 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF103554.D
 Acq: 9 Mar 2018 13:58

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.9	75.7	113.5
200	30.8	24.5	36.7





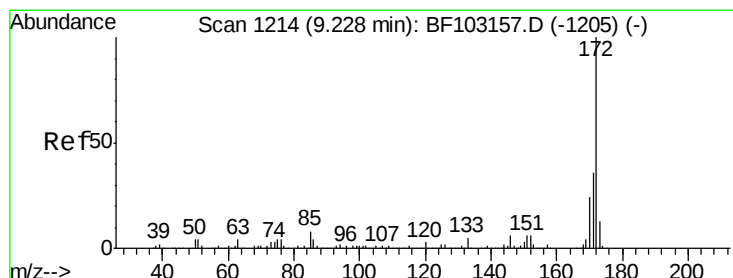
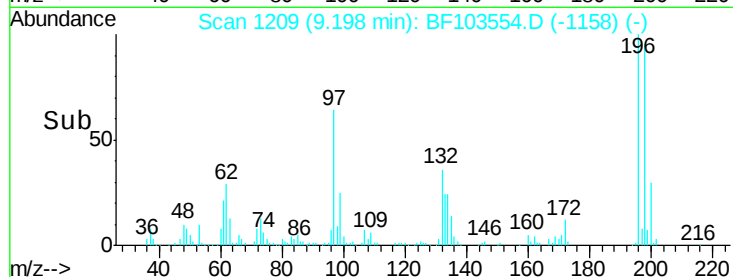
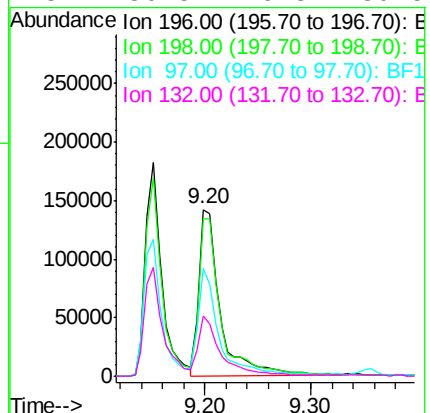
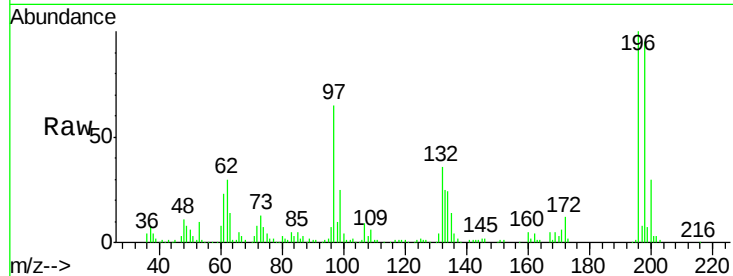
#43
 2,4,5-Trichlorophenol
 Concen: 35.755 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BF103554.D
 Acq: 9 Mar 2018 13:58

Instrument :
 BNA_F
 ClientSampleId :
 PB107216BS

Tot Ion:	196	Resp:	197527
Ion Ratio	Lower	Upper	
196	100		
198	94.6	74.6	112.0
97	64.8	42.9	64.3#
132	36.5	26.3	39.5

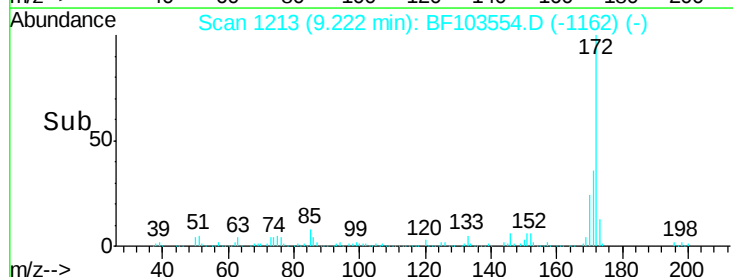
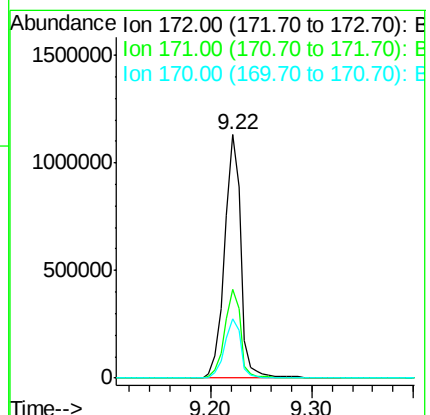
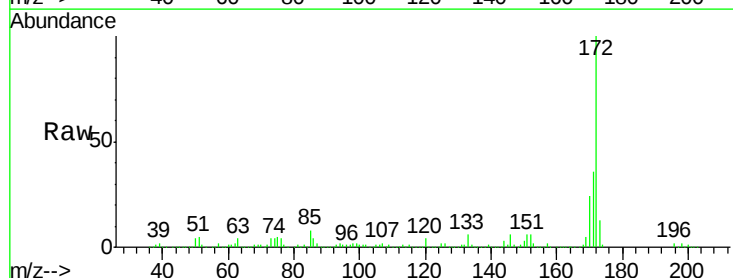
Manual Integrations
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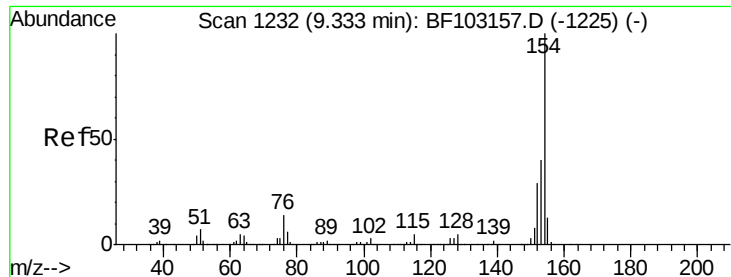
Sohil
 3/12/2018 3:50:07 PM



#44
 2-Fluorobiphenyl
 Concen: 82.134 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF103554.D
 Acq: 9 Mar 2018 13:58

Tgt Ion:	172	Resp:	1255169
Ion Ratio	Lower	Upper	
172	100		
171	36.5	29.7	44.5
170	24.4	19.6	29.4





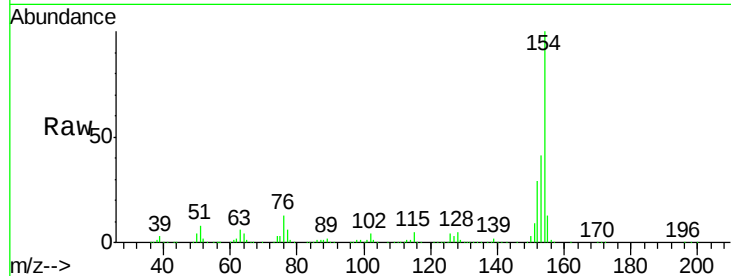
#45
 1,1'-Biphenyl
 Concen: 39.471 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF103554.D
 Acq: 9 Mar 2018 13:58

Instrument :
 BNA_F
 ClientSampleId :
 PB107216BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.3	61.3
76	13.4	0.0	34.0

Manual Integrations
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 3/12/2018 3:50:07 PM

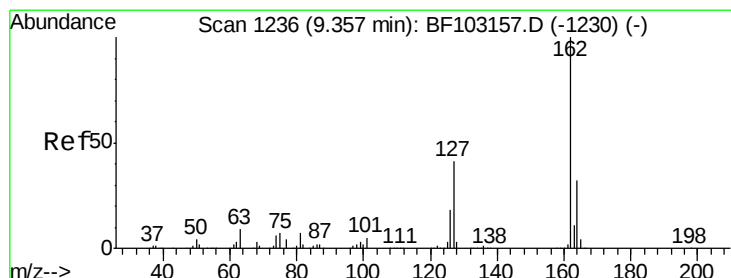
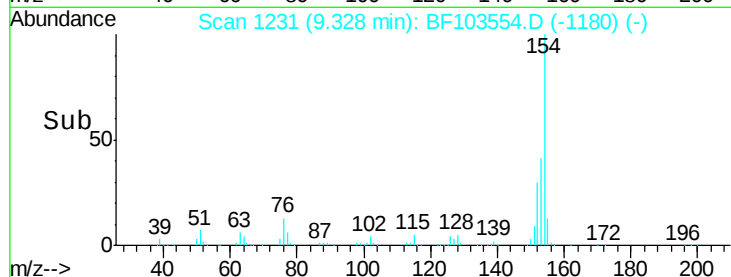
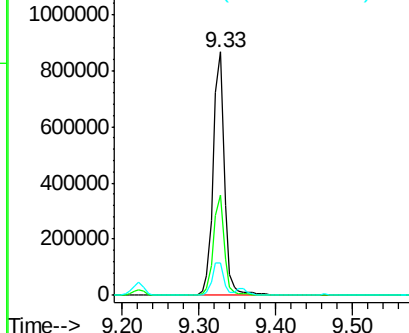


Abundance

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: 39.940 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: BF103554.D
 Acq: 9 Mar 2018 13:58

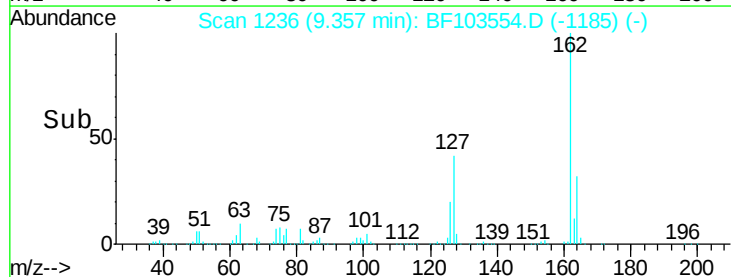
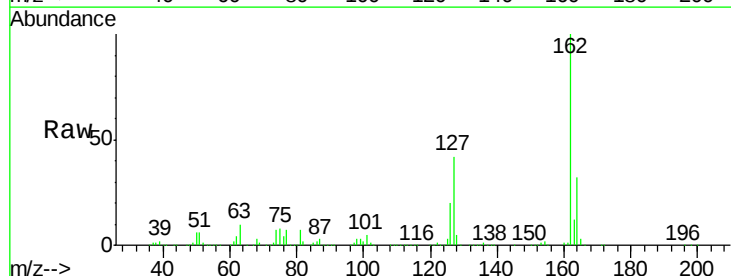
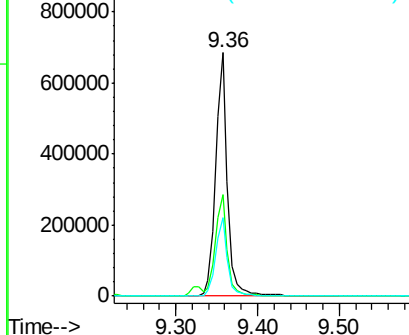
Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.7	33.9	50.9
164	32.5	26.5	39.7

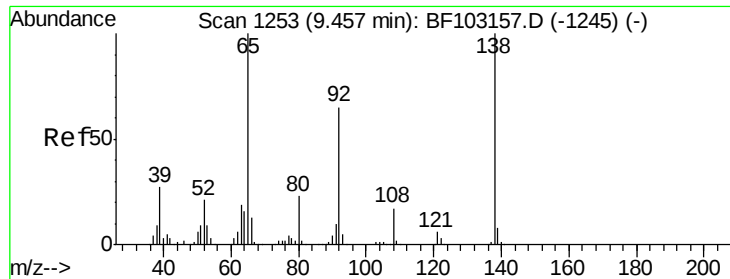
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





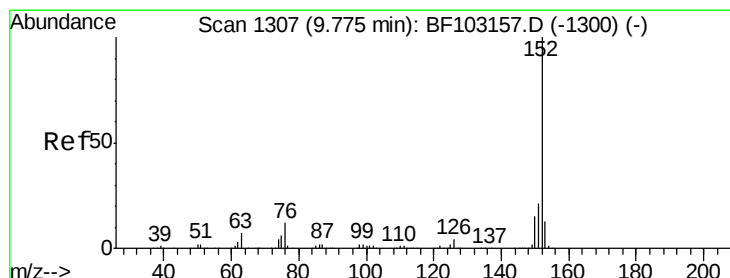
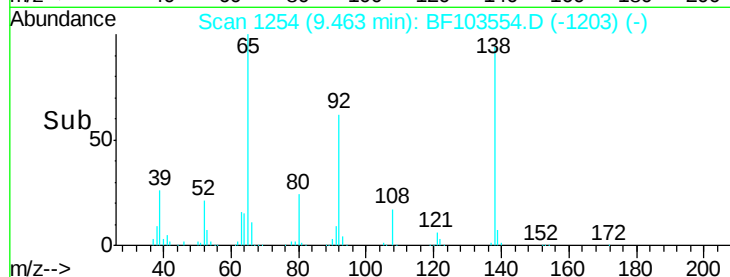
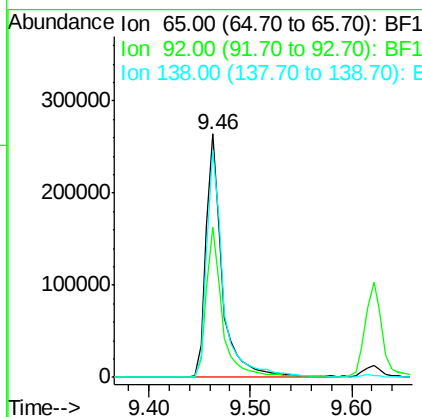
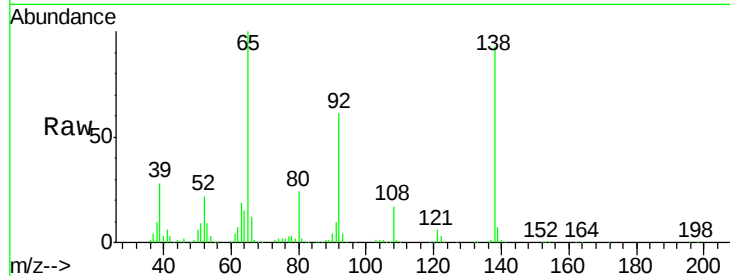
#47
2-Nitroaniline
Concen: 45.746 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

Instrument :
BNA_F
ClientSampleId :
PB107216BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	61.4	55.8	83.6
138	93.0	91.2	136.8

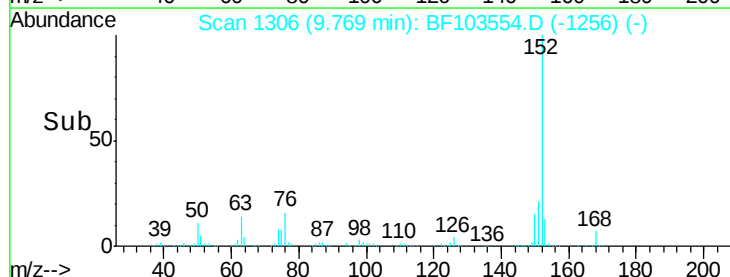
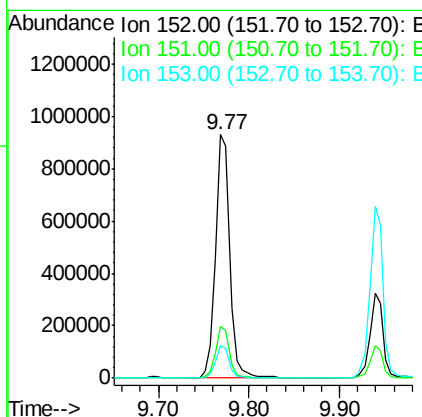
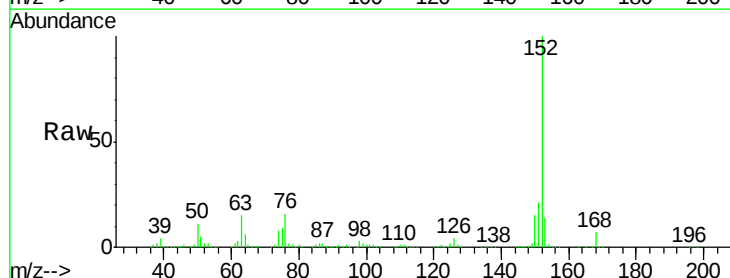
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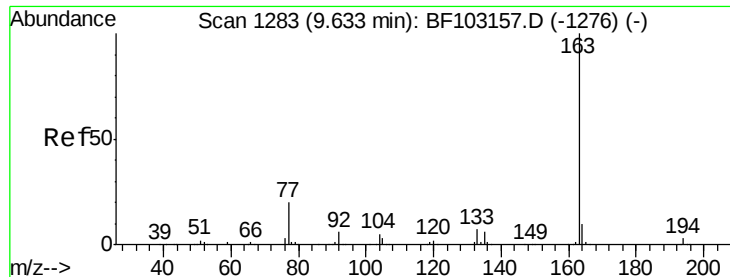
Sohil
3/12/2018 3:50:07 PM



#48
Acenaphthylene
Concen: 38.031 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.3	24.5
153	13.5	10.7	16.1





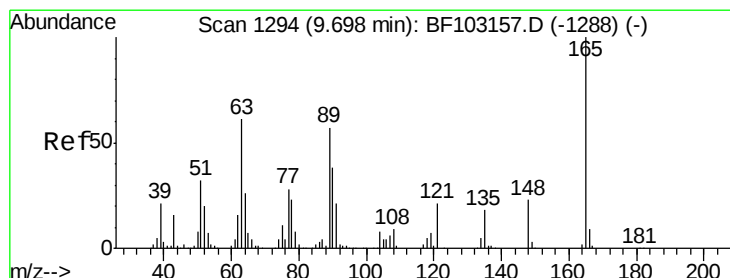
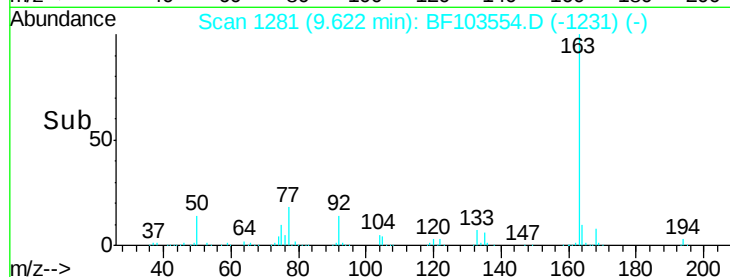
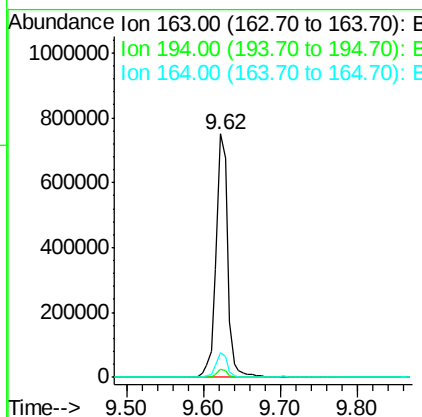
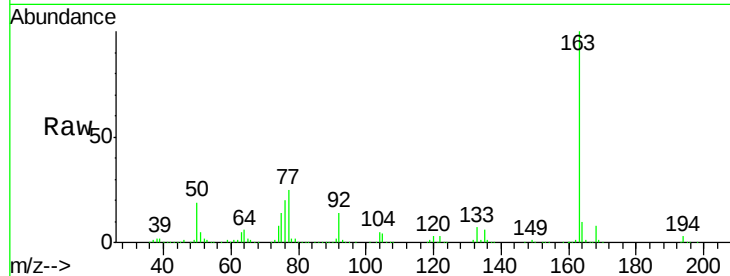
#49
Dimethylphthalate
Concen: 36.894 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

Instrument :
BNA_F
ClientSampleId :
PB107216BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	772830		
194	3.1		2.7	4.1
164	10.4		8.2	12.2

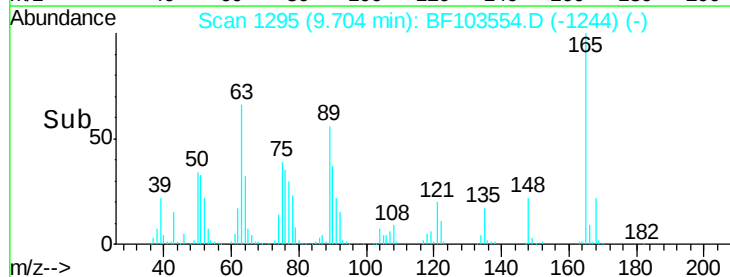
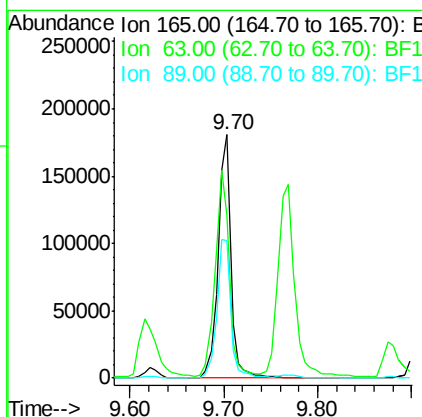
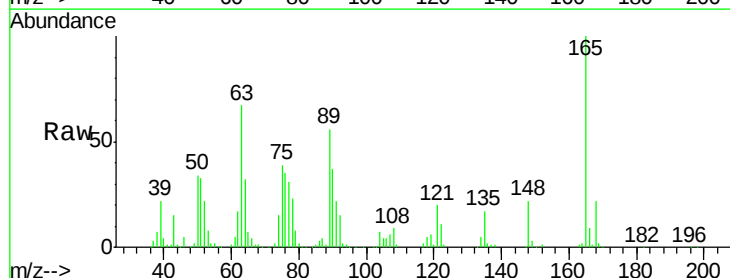
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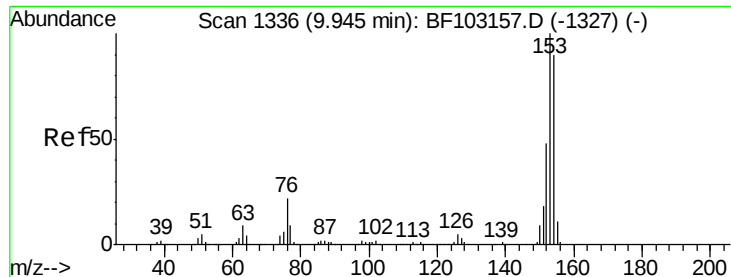
Sohil
3/12/2018 3:50:07 PM



#50
2,6-Dinitrotoluene
Concen: 39.850 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	175174		
63	67.2		44.7	67.1#
89	56.5		44.0	66.0





#51

Acenaphthene

Concen: 37.985 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF103554.D

Acq: 9 Mar 2018 13:58

Instrument :

BNA_F

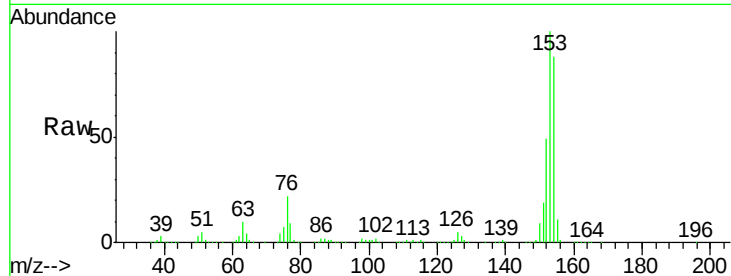
ClientSampleId :

PB107216BS

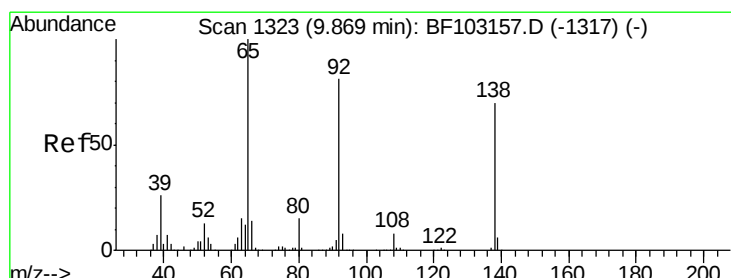
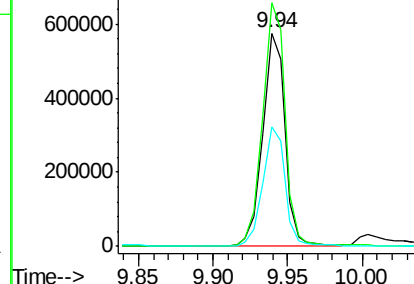
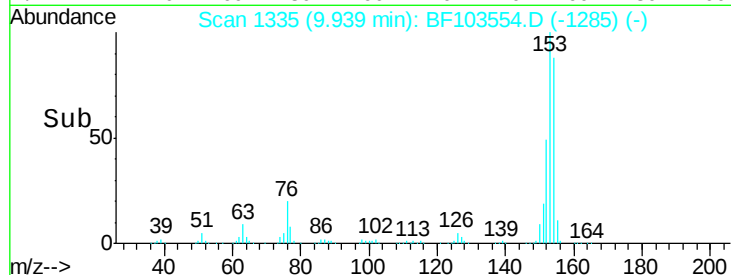
Tot Ion:	154	Resp:	589916
Ion Ratio	Lower	Upper	
154	100		
153	114.1	91.2	136.8
152	56.0	43.8	65.8

Manual Integrations
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3/12/2018 3:50:07 PM



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



#52

3-Nitroaniline

Concen: 27.552 ng

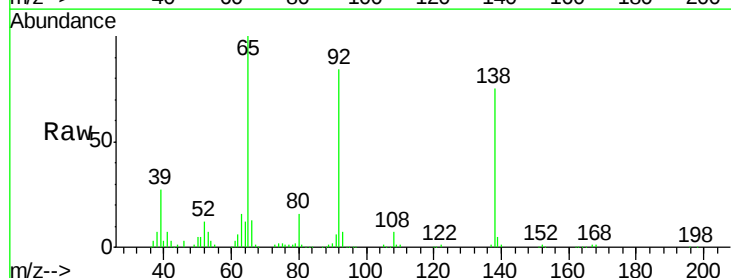
RT: 9.88 min Scan# 1325

Delta R.T. 0.00 min

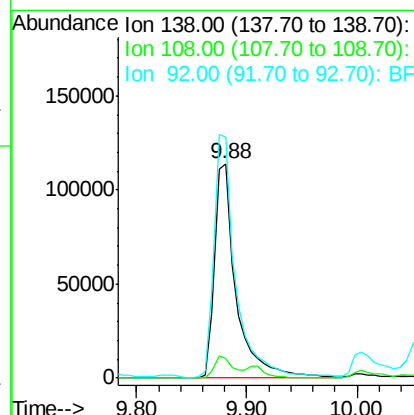
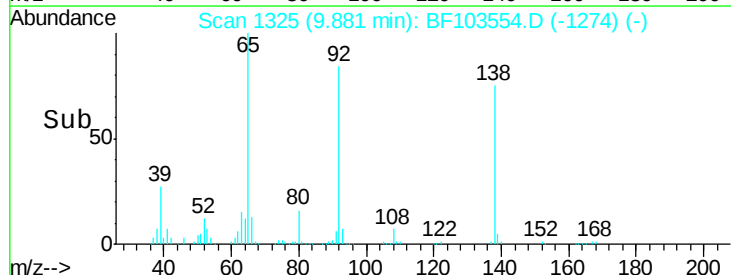
Lab File: BF103554.D

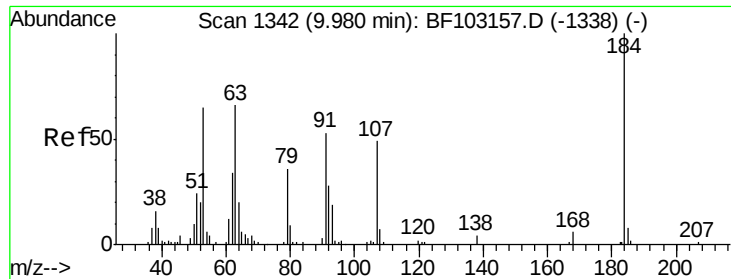
Acq: 9 Mar 2018 13:58

Tgt Ion:	138	Resp:	153661
Ion Ratio	Lower	Upper	
138	100		
108	9.0	9.4	14.0#
92	112.3	89.4	134.2



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





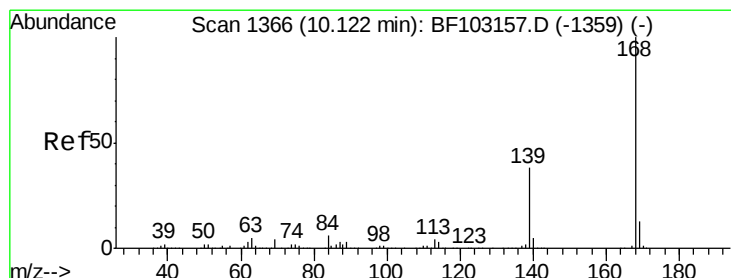
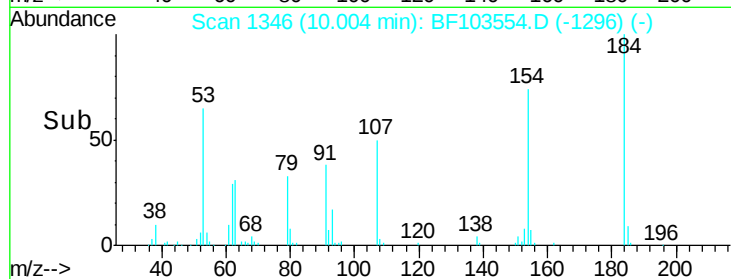
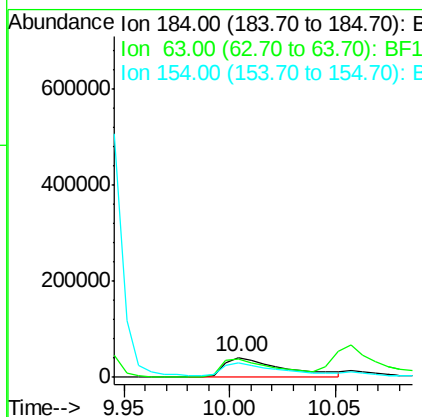
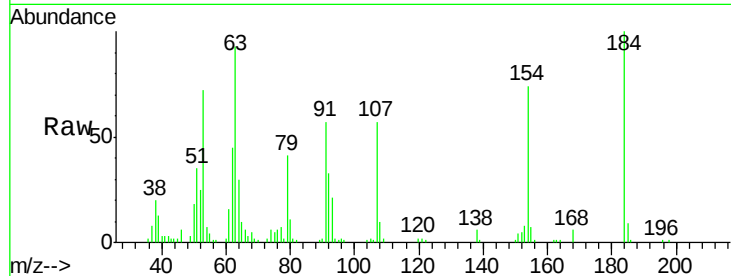
#53
2,4-Dinitrophenol
Concen: 53.040 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

Instrument :
BNA_F
ClientSampleId :
PB107216BS

Tot Ion:184 Resp: 78365
Ion Ratio Lower Upper
184 100
63 93.2 54.2 81.2#
154 74.3 184.0 276.0#

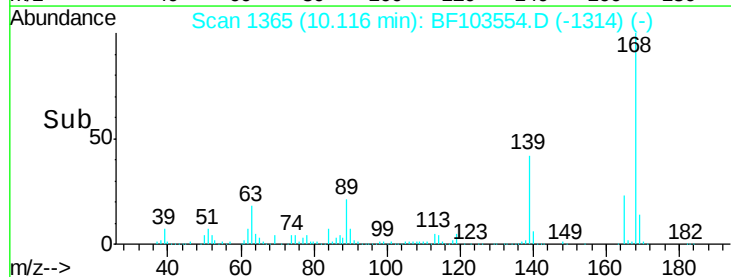
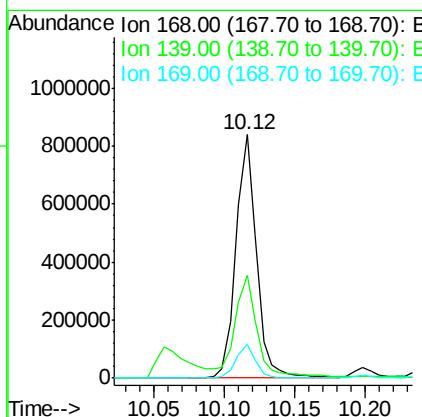
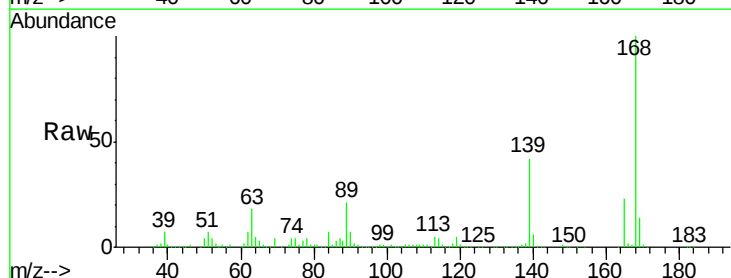
Manual Integrations
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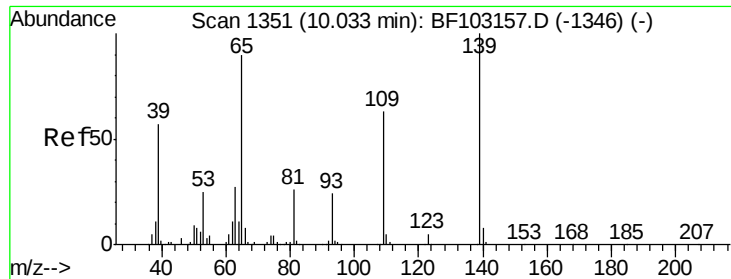
Sohil
3/12/2018 3:50:07 PM



#54
Dibenzofuran
Concen: 39.923 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

Tgt Ion:168 Resp: 851117
Ion Ratio Lower Upper
168 100
139 42.4 30.1 45.1
169 13.6 10.9 16.3





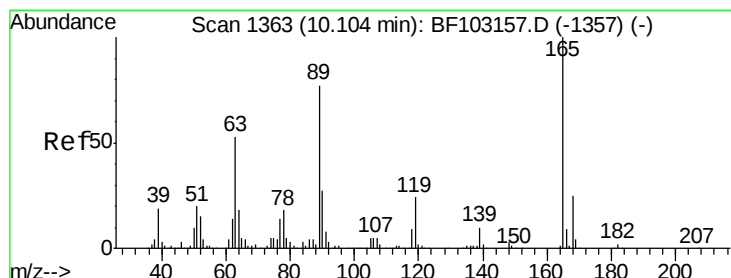
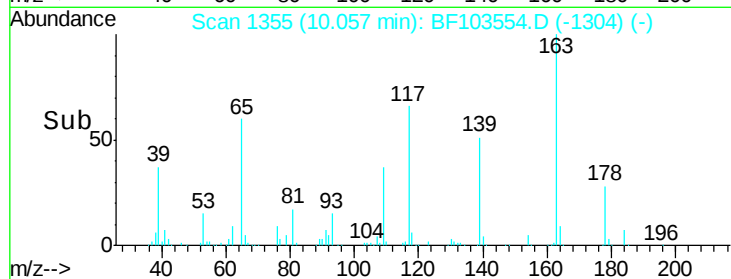
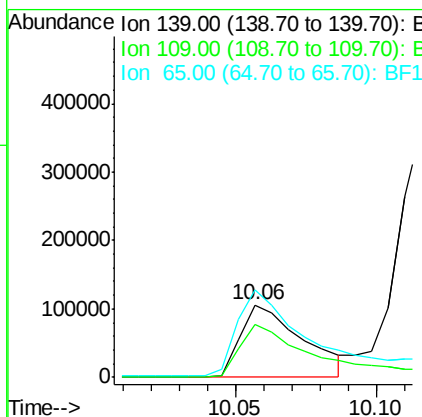
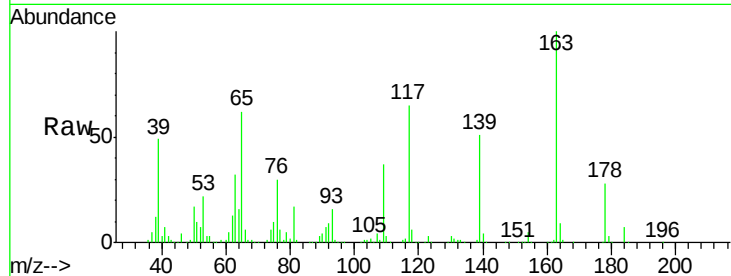
#55
4-Nitrophenol
Concen: 46.331 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

Instrument :
BNA_F
ClientSampleId :
PB107216BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	160145		
109	72.8	48.4	88.4	
65	121.8	72.6	112.6#	

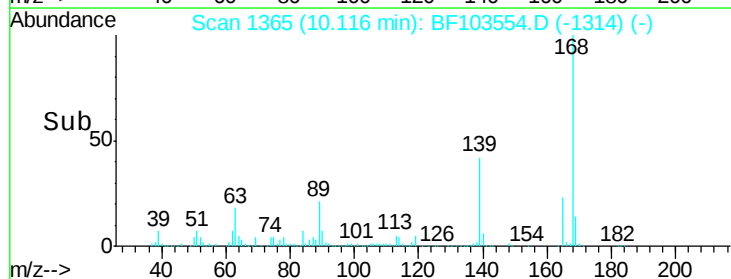
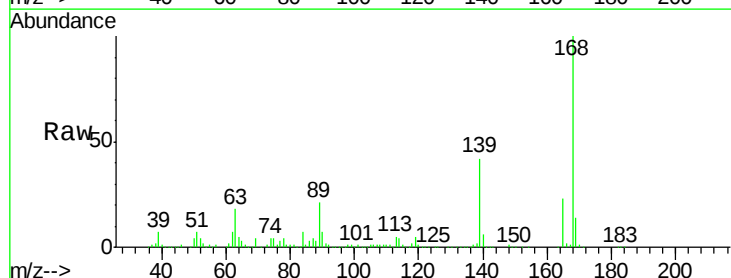
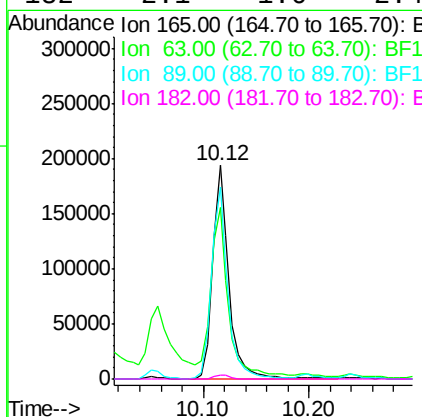
Manual Integrations
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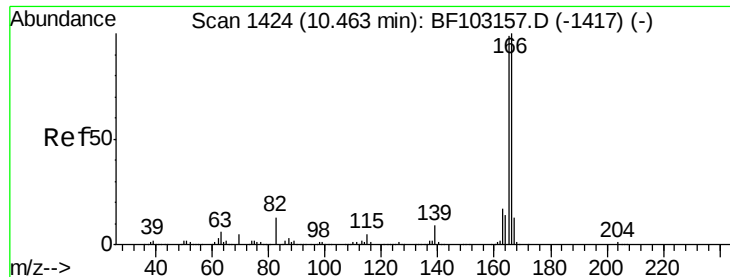
Sohil
3/12/2018 3:50:07 PM



#56
2,4-Dinitrotoluene
Concen: 38.144 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	212064		
63	80.1	36.4	54.6#	
89	89.9	57.8	86.6#	
182	2.1	1.6	2.4	





#57

Fluorene

Concen: 38.724 ng

RT: 10.46 min Scan# 1424

Delta R.T. 0.00 min

Lab File: BF103554.D

Acq: 9 Mar 2018 13:58

Instrument :

BNA_F

ClientSampleId :

PB107216BS

Tot Ion:166 Resp: 703261

Ion Ratio Lower Upper

166 100

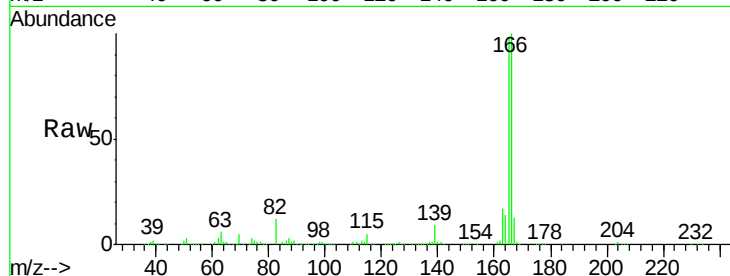
165 97.6 79.8 119.8

167 13.0 10.6 16.0

Manual Integrations
APPROVED

Sohil

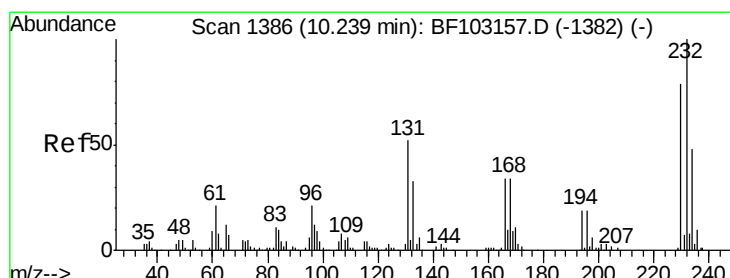
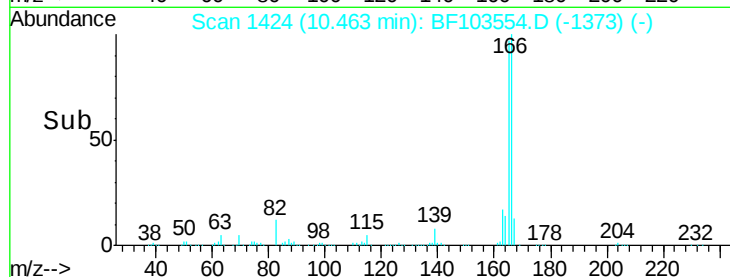
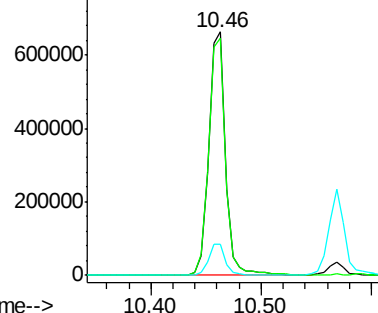
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Abundance Ion 166.00 (165.70 to 166.70): E

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: 40.582 ng m

RT: 10.24 min Scan# 1386

Delta R.T. 0.00 min

Lab File: BF103554.D

Acq: 9 Mar 2018 13:58

Tgt Ion:232 Resp: 150605

Ion Ratio Lower Upper

232 100

131 43.8 43.8 65.8#

130 2.4 2.1 3.1

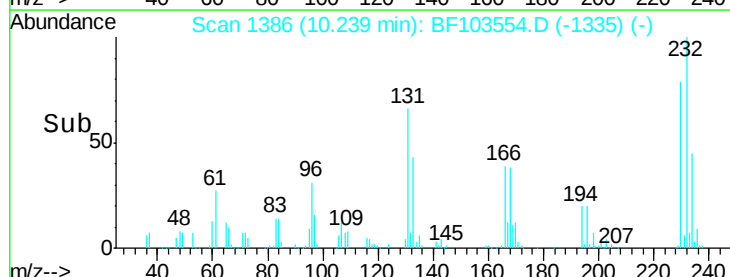
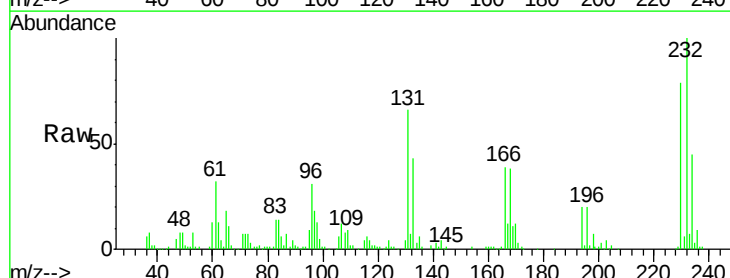
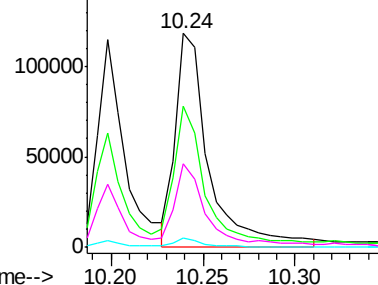
166 23.7 27.8 41.6#

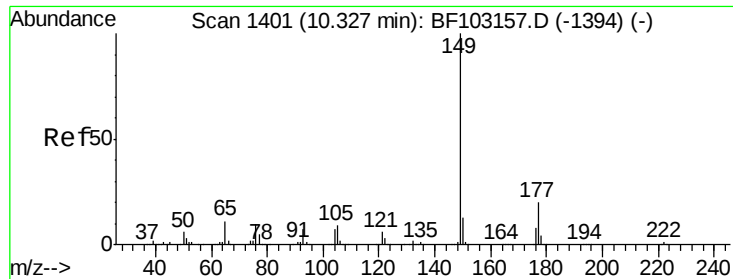
Abundance Ion 232.00 (231.70 to 232.70): E

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





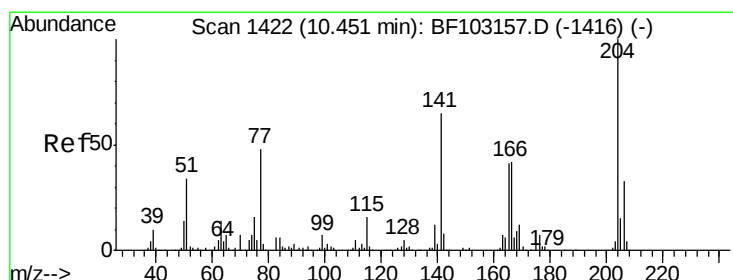
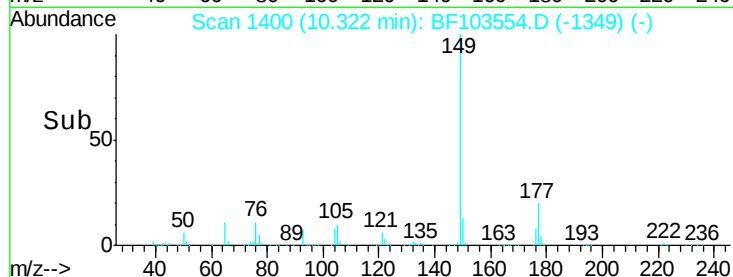
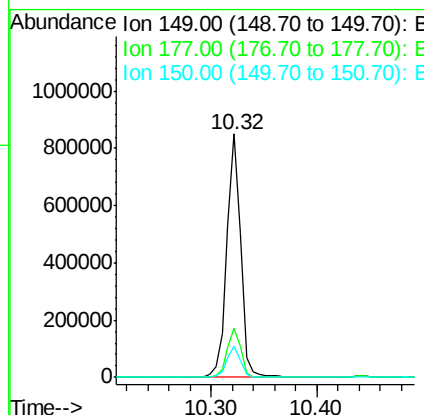
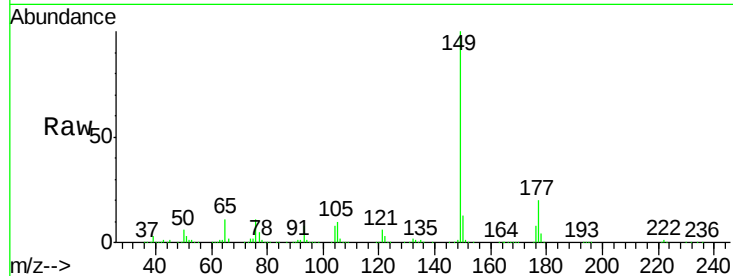
#59
Diethylphthalate
Concen: 38.930 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

Instrument :
BNA_F
ClientSampled :
PB107216BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.3	16.1	24.1
150	12.7	10.1	15.1

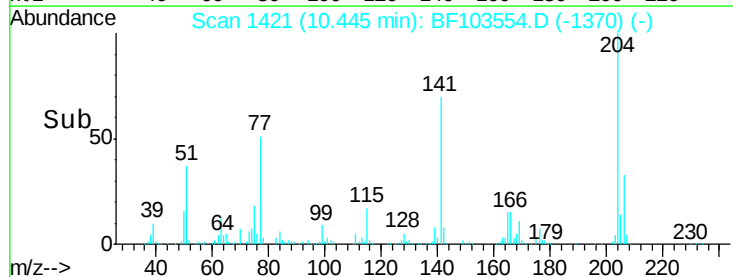
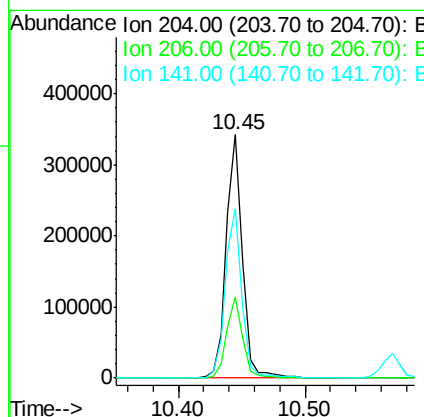
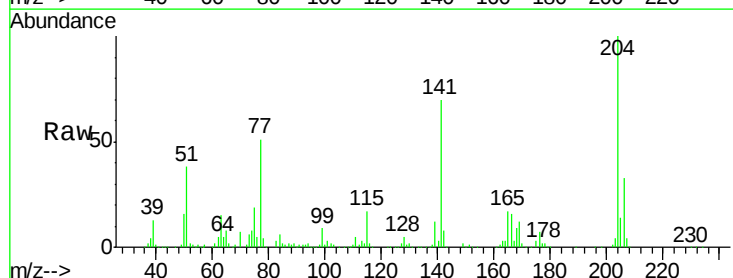
Manual Integrations
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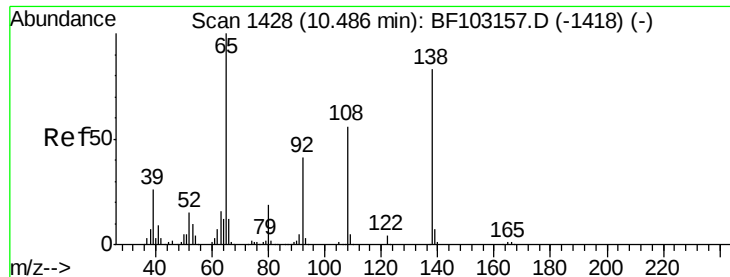
Sohil
3/12/2018 3:50:07 PM



#60
4-Chlorophenyl-phenylether
Concen: 39.703 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.5	39.7
141	69.8	54.6	81.8





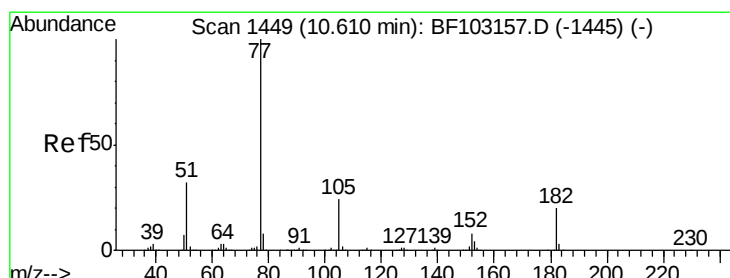
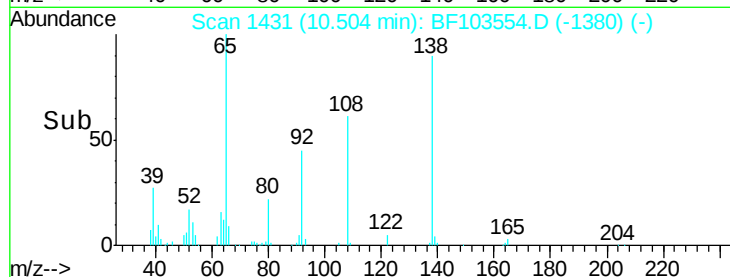
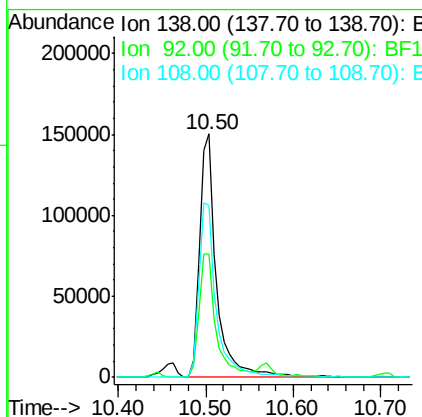
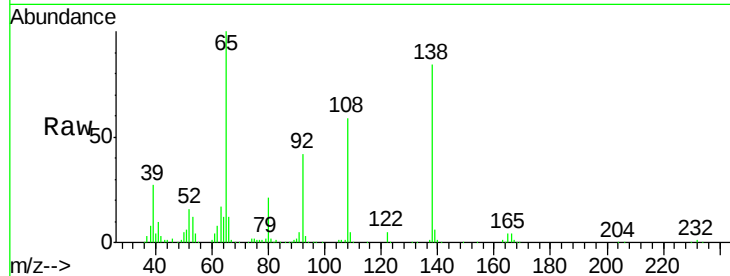
#61
4-Nitroaniline
Concen: 36.015 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

Instrument :
BNA_F
ClientSampleId :
PB107216BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.4	30.2	70.2
108	70.6	52.5	92.5

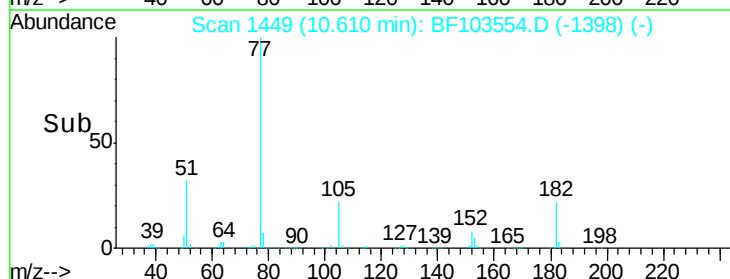
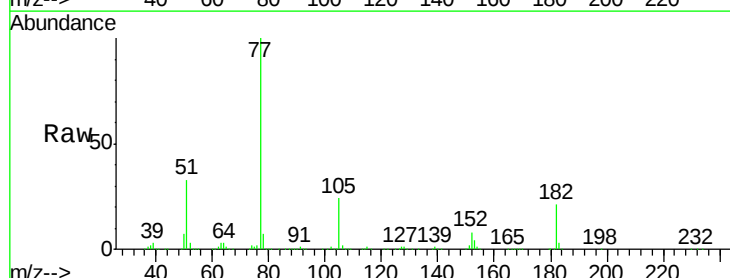
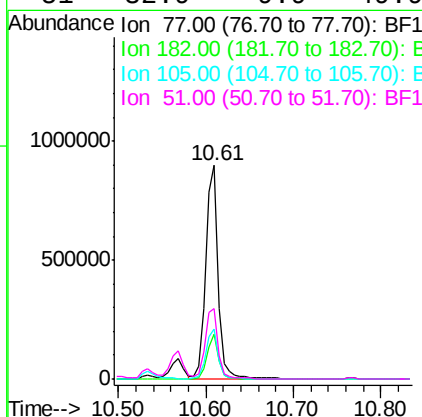
Manual Integrations
APPROVED

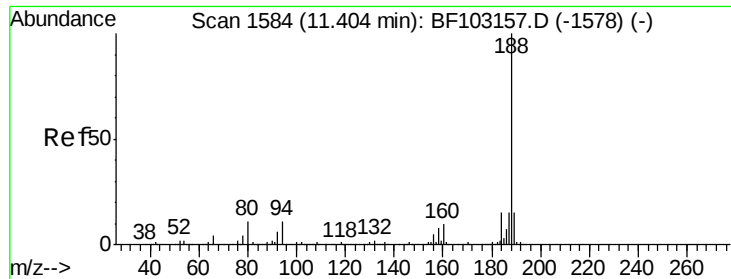
Sohil
3/12/2018 3:50:07 PM



#62
Azobenzene
Concen: 43.169 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.3	1.7	41.7
105	23.6	3.0	43.0
51	32.9	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.00 min

Lab File: BF103554.D

Acq: 9 Mar 2018 13:58

Instrument :

BNA_F

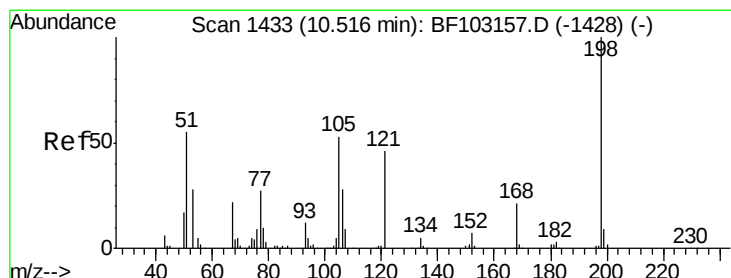
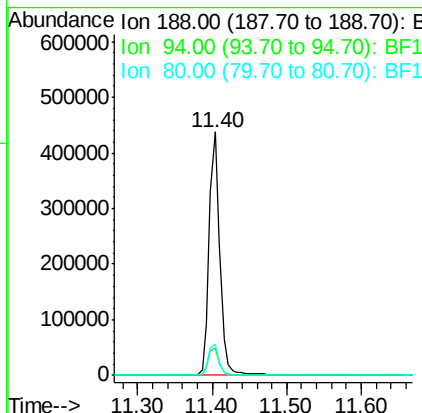
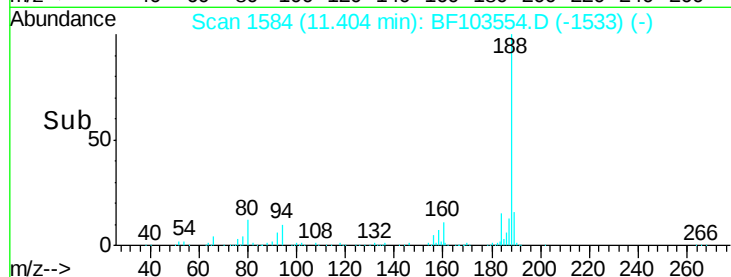
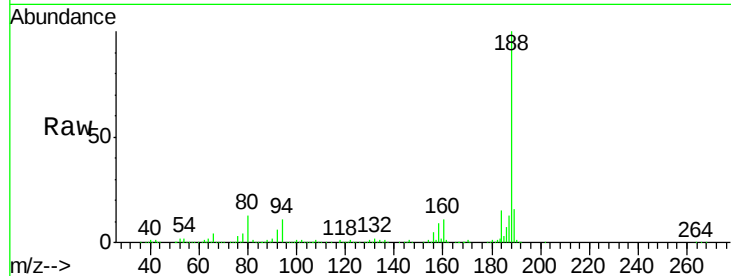
ClientSampleId :

PB107216BS

Tot Ion:	188	Resp:	435915
Ion Ratio	Lower	Upper	
188	100		
94	11.0	8.5	12.7
80	12.5	9.2	13.8

Manual Integrations
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Sohil
3/12/2018 3:50:07 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 28.157 ng

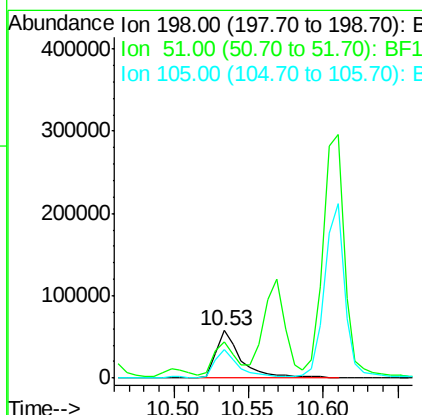
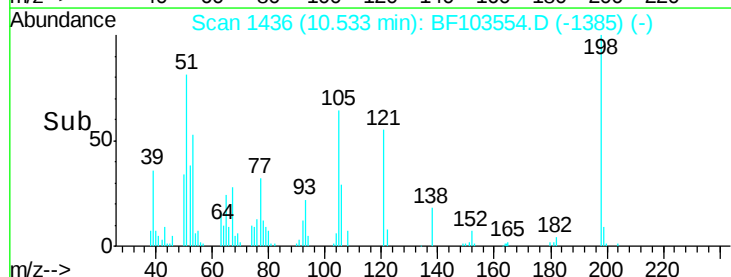
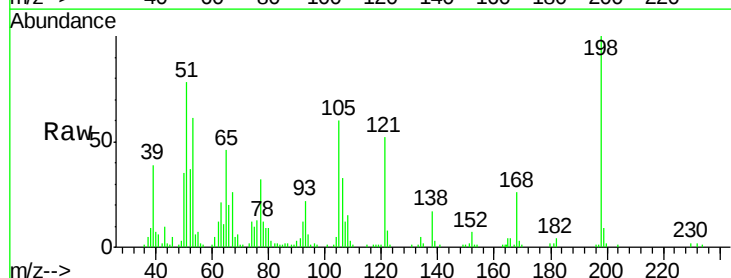
RT: 10.53 min Scan# 1436

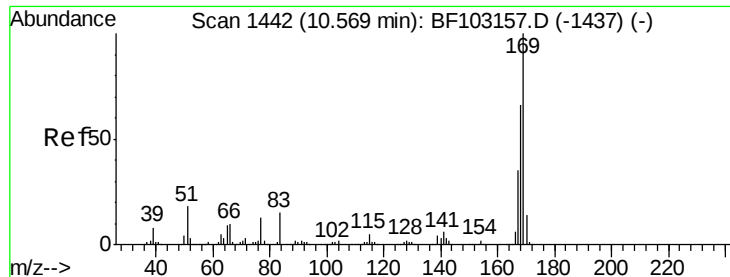
Delta R.T. 0.00 min

Lab File: BF103554.D

Acq: 9 Mar 2018 13:58

Tgt Ion:	198	Resp:	68638
Ion Ratio	Lower	Upper	
198	100		
51	77.8	37.7	77.7#
105	60.1	36.3	76.3





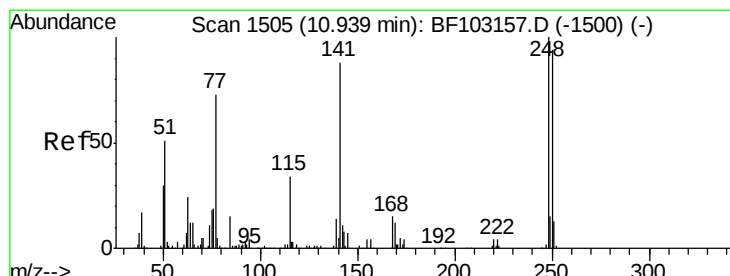
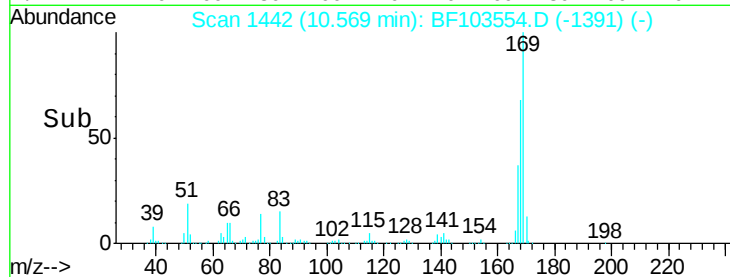
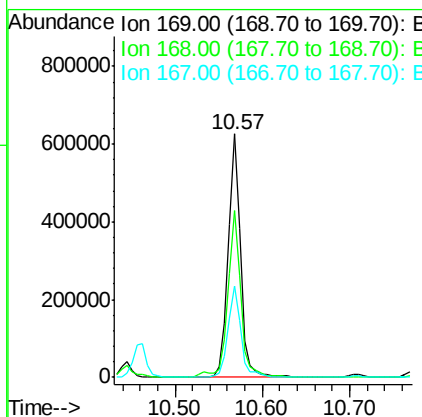
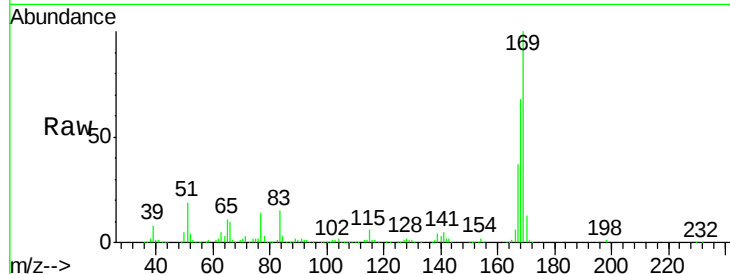
#65
 n-Nitrosodiphenylamine
 Concen: 41.091 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: BF103554.D
 Acq: 9 Mar 2018 13:58

Instrument :
 BNA_F
 ClientSampleId :
 PB107216BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.4	54.4	81.6
167	37.3	29.8	44.6

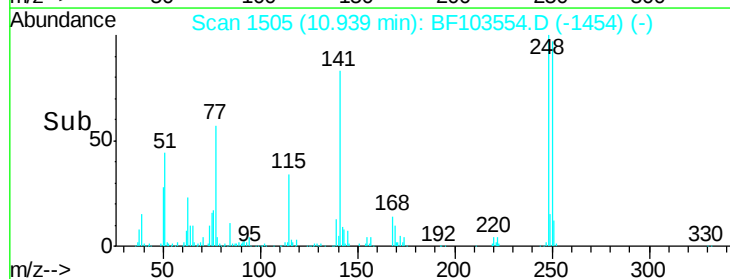
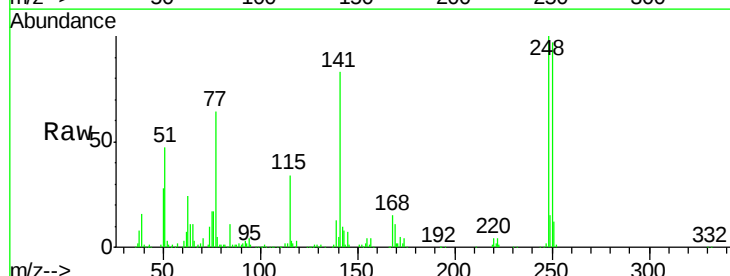
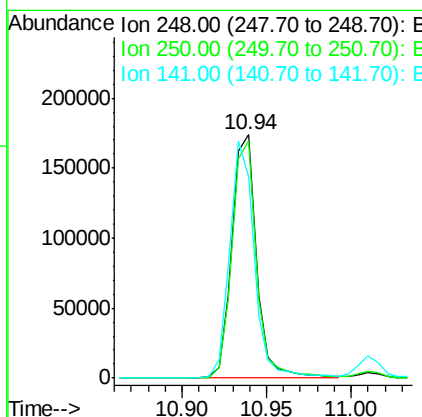
Manual Integrations
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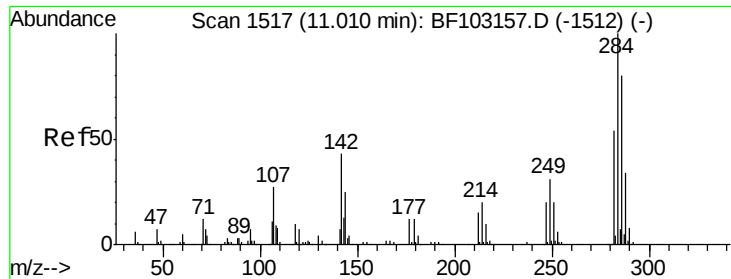
Sohil
 3/12/2018 3:50:07 PM



#66
 4-Bromophenyl-phenylether
 Concen: 38.750 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. 0.00 min
 Lab File: BF103554.D
 Acq: 9 Mar 2018 13:58

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.5	76.9	115.3
141	82.7	74.4	111.6





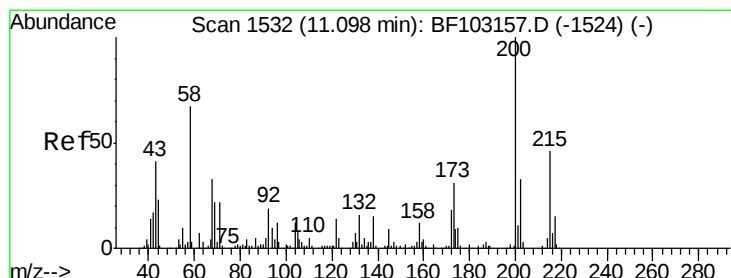
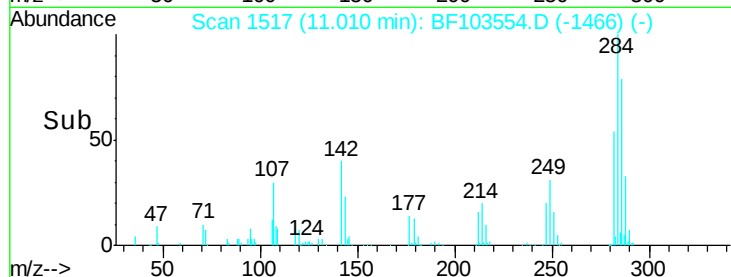
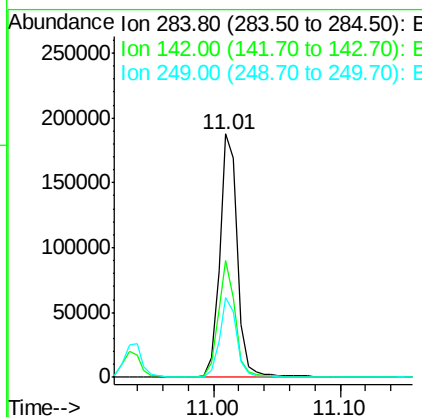
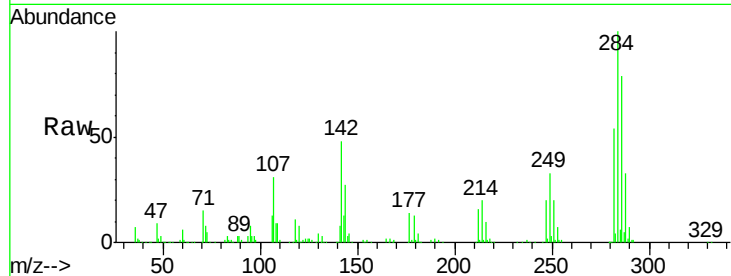
#67
Hexachlorobenzene
Concen: 37.253 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.00 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

Instrument :
BNA_F
ClientSampleId :
PB107216BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	183608		
142	48.2	34.6	52.0	
249	32.9	24.8	37.2	

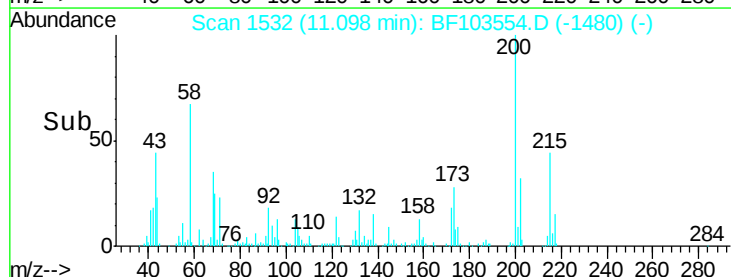
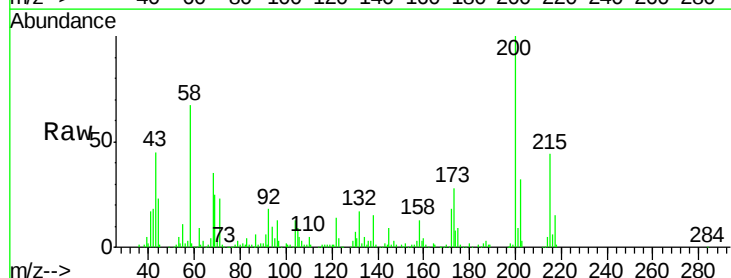
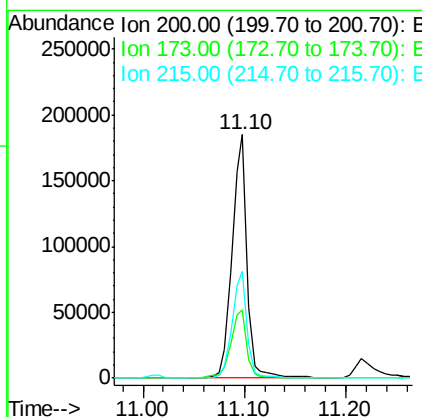
Manual Integrations
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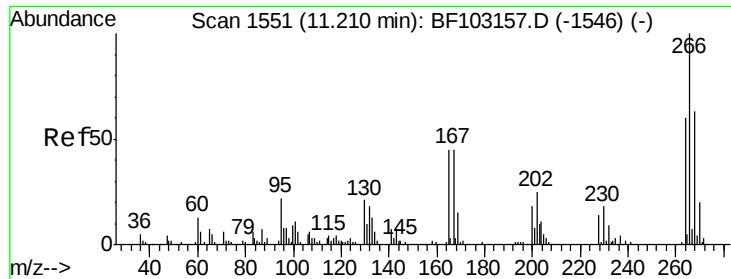
Sohil
3/12/2018 3:50:07 PM



#68
Atrazine
Concen: 41.665 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.01 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	190078		
173	28.2	8.6	48.6	
215	43.8	25.1	65.1	





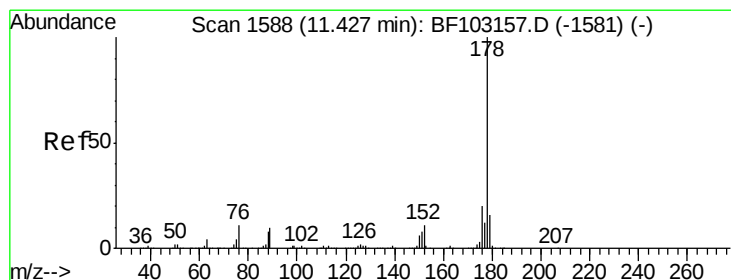
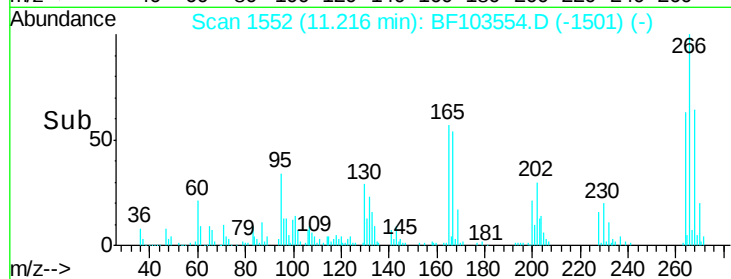
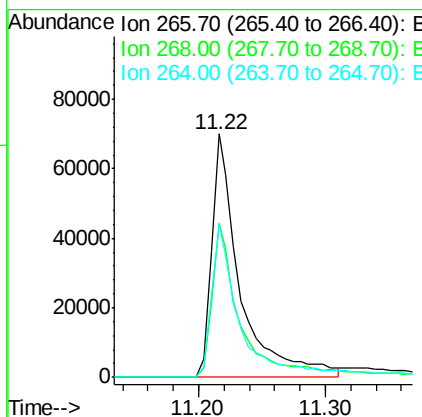
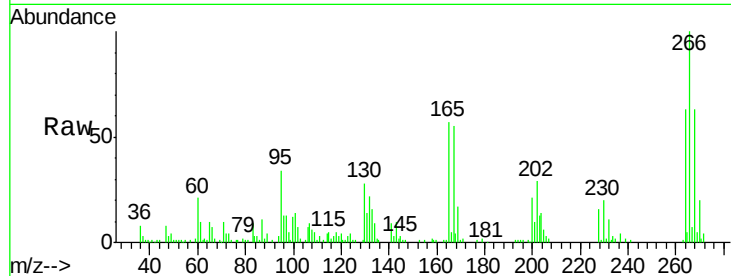
#69
 Pentachlorophenol
 Concen: 46.016 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF103554.D
 Acq: 9 Mar 2018 13:58

Instrument :
 BNA_F
 ClientSampleId :
 PB107216BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.4	51.1	76.7
264	62.6	49.5	74.3

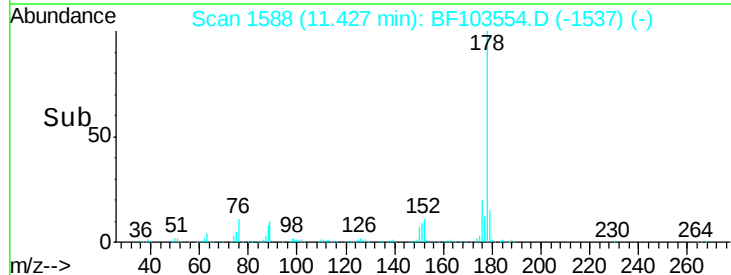
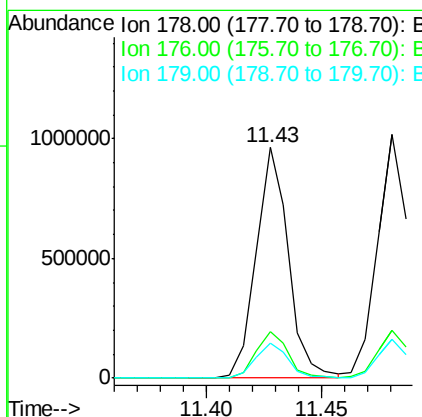
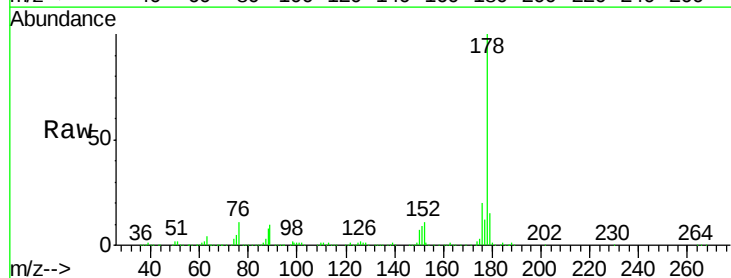
Manual Integrations
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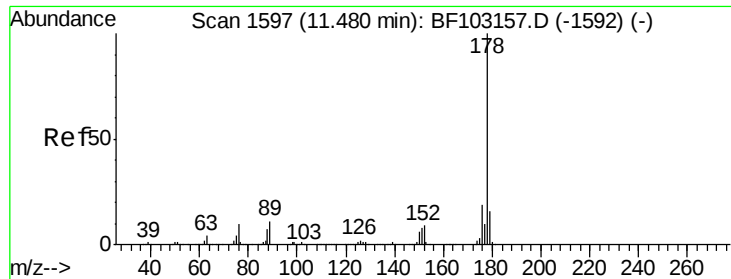
Sohil
 3/12/2018 3:50:07 PM



#70
 Phenanthrene
 Concen: 39.199 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. 0.00 min
 Lab File: BF103554.D
 Acq: 9 Mar 2018 13:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.4	13.0	19.6





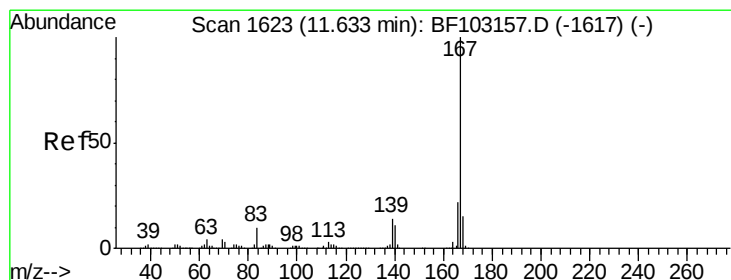
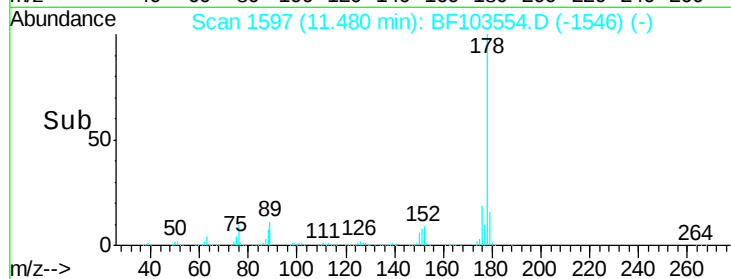
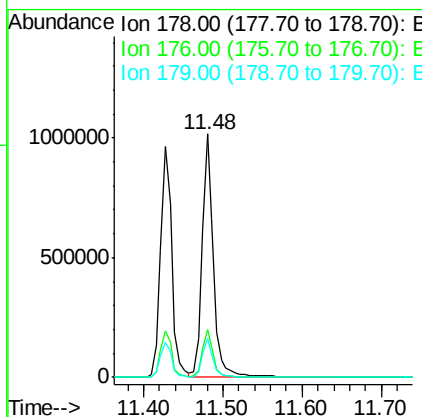
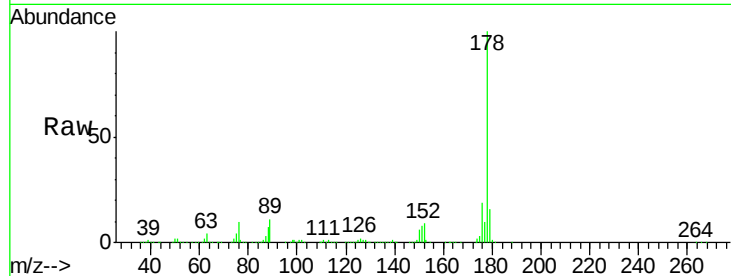
#71
 Anthracene
 Concen: 41.559 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BF103554.D
 Acq: 9 Mar 2018 13:58

Instrument :
 BNA_F
 ClientSampleId :
 PB107216BS

Tot Ion:178 Resp: 1022347
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 15.8 12.6 19.0

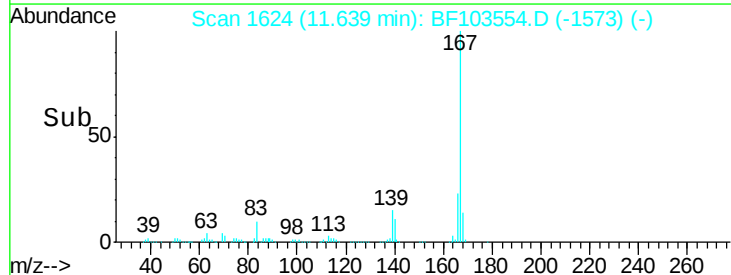
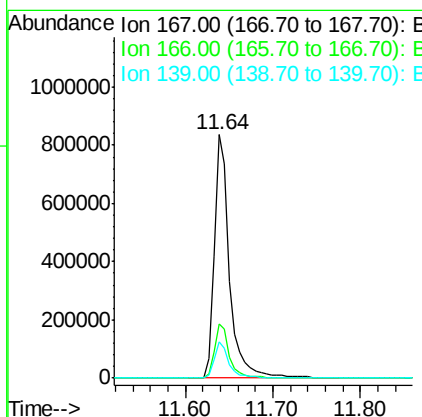
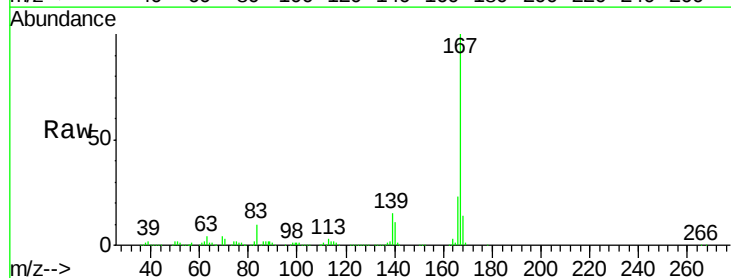
Manual Integrations
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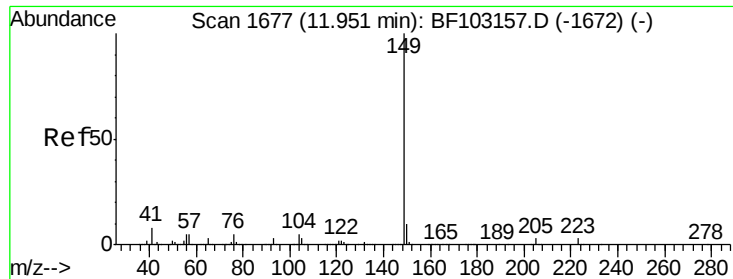
Sohil
 3/12/2018 3:50:07 PM



#72
 Carbazole
 Concen: 40.918 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF103554.D
 Acq: 9 Mar 2018 13:58

Tgt Ion:167 Resp: 1002380
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 14.8 10.9 16.3





#73

Di-n-butylphthalate

Concen: 40.211 ng

RT: 11.95 min Scan# 1676

Delta R.T. 0.00 min

Lab File: BF103554.D

Acq: 9 Mar 2018 13:58

Instrument :

BNA_F

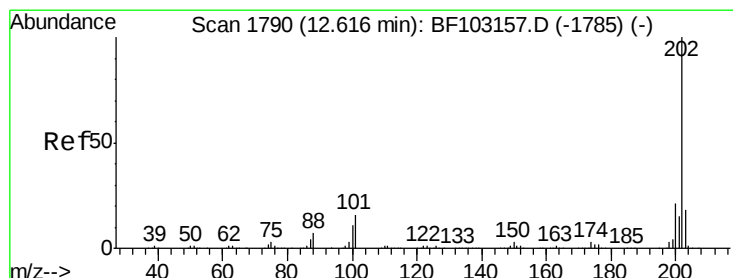
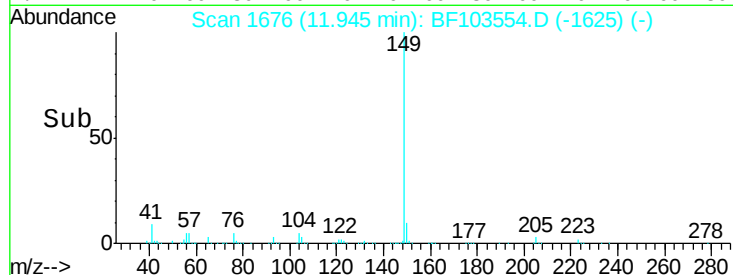
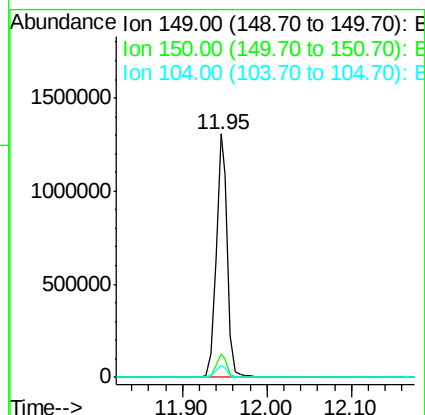
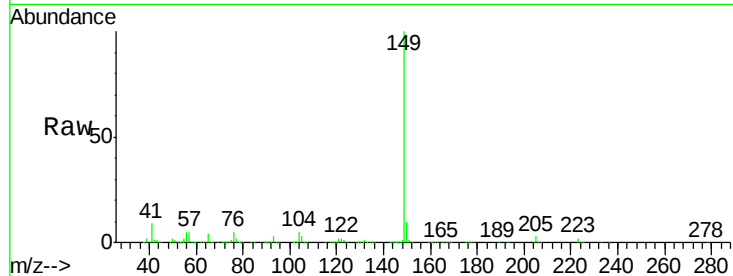
ClientSampleId :

PB107216BS

Tot Ion:	149	Resp:	1232611
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.8	11.6
104	5.1	3.8	5.8

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#74

Fluoranthene

Concen: 37.195 ng

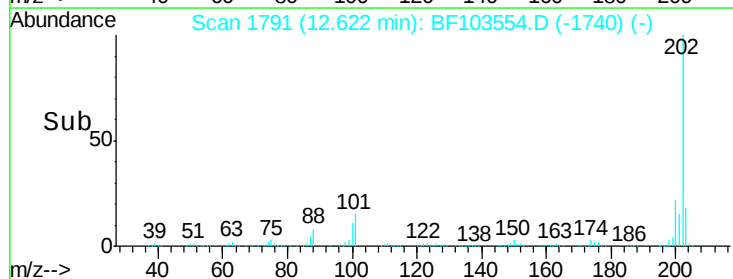
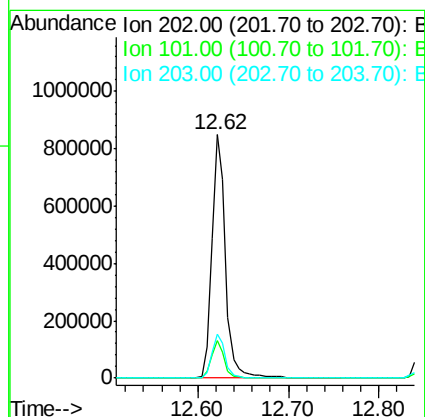
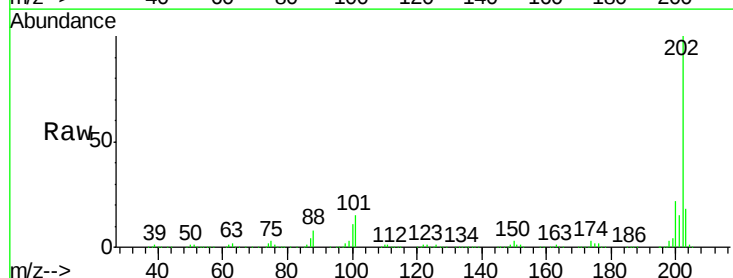
RT: 12.62 min Scan# 1791

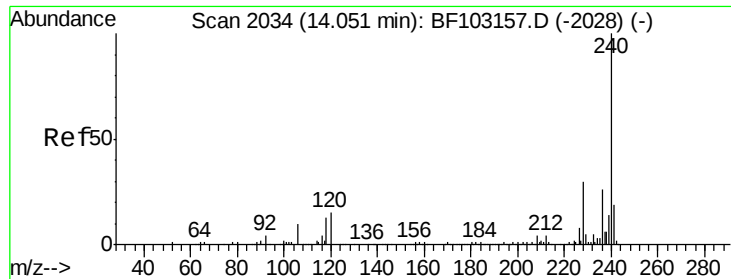
Delta R.T. 0.00 min

Lab File: BF103554.D

Acq: 9 Mar 2018 13:58

Tgt Ion:	202	Resp:	896668
Ion Ratio	Lower	Upper	
202	100		
101	15.4	0.0	34.1
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BF103554.D

Acq: 9 Mar 2018 13:58

Instrument :

BNA_F

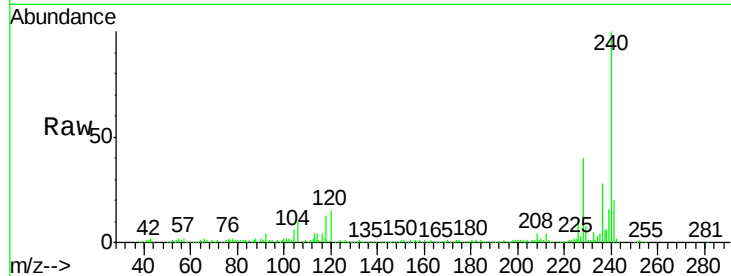
ClientSampleId :

PB107216BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.5	9.5	14.3
236	28.3	20.7	31.1

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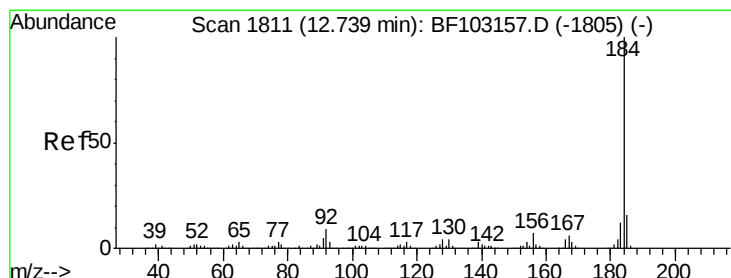
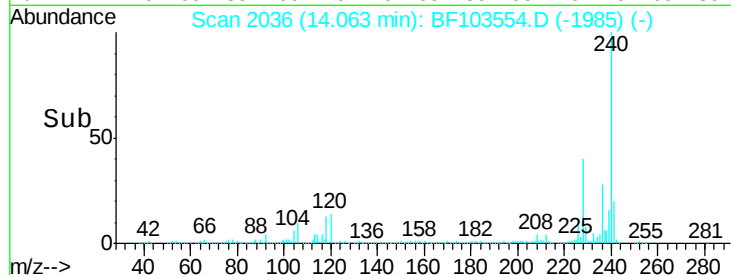
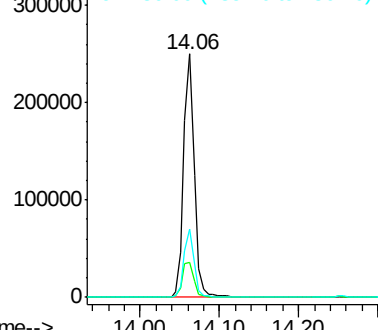
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 49.577 ng

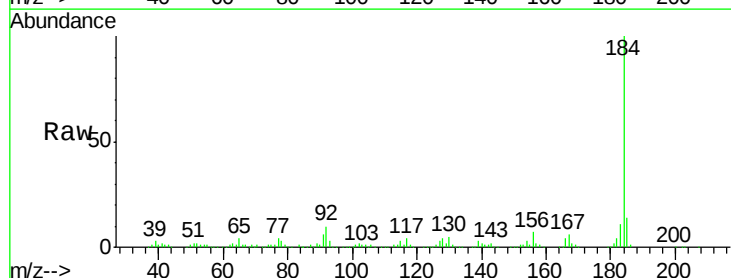
RT: 12.75 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BF103554.D

Acq: 9 Mar 2018 13:58

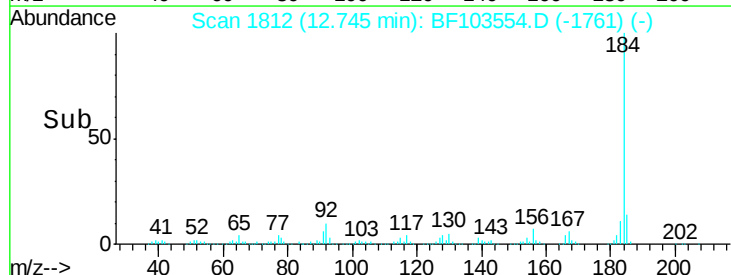
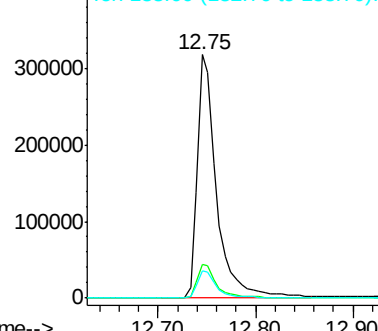
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.0	12.6	18.8
183	11.3	9.3	13.9

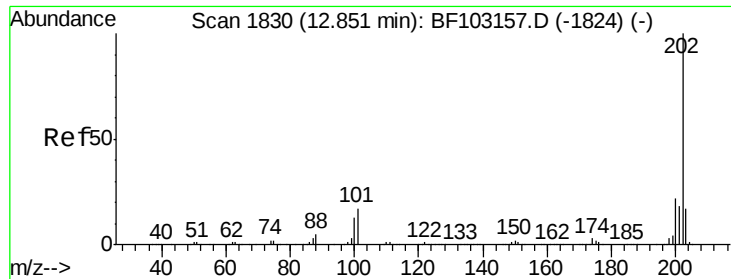


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





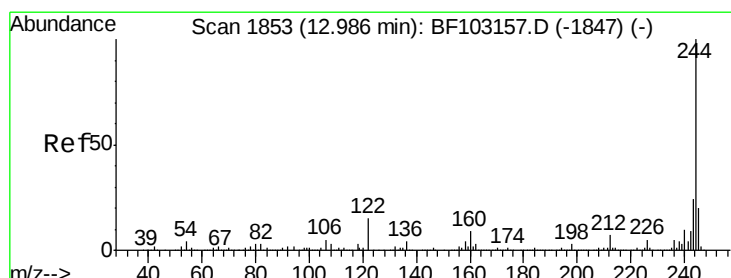
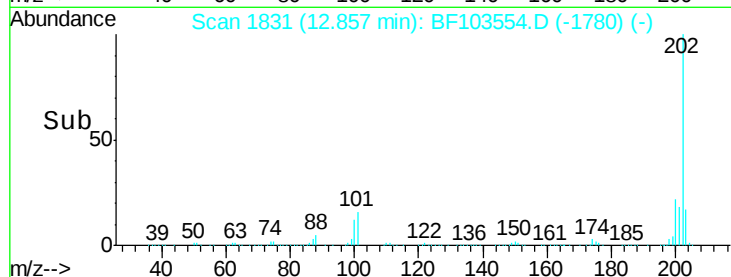
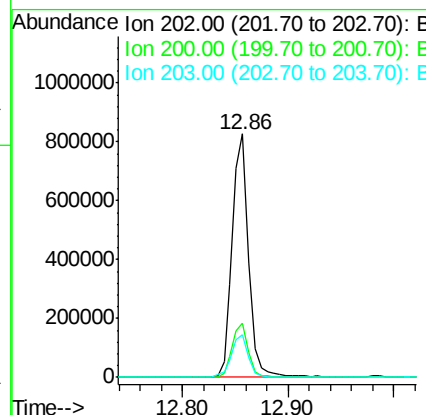
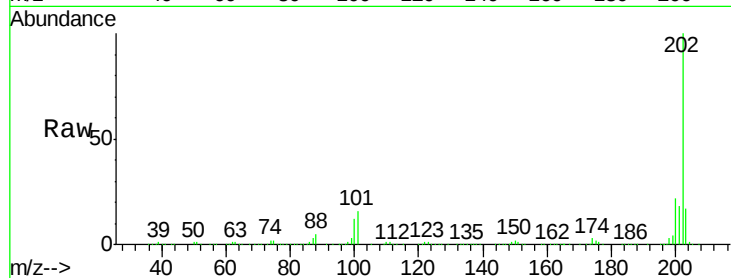
#77
Pvrene
Concen: 48.075 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

Instrument :
BNA_F
ClientSampleId :
PB107216BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	17.3	14.3	21.5

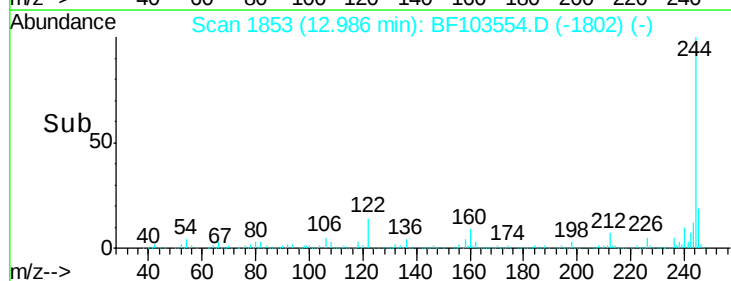
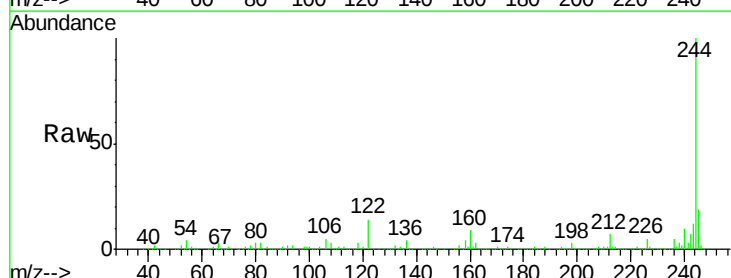
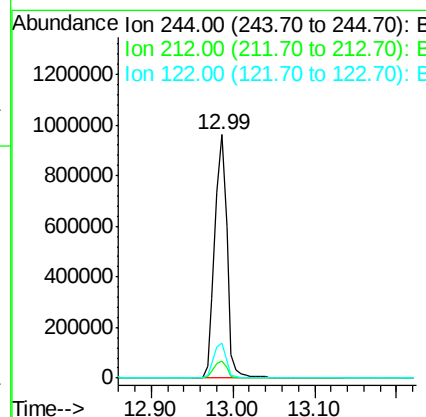
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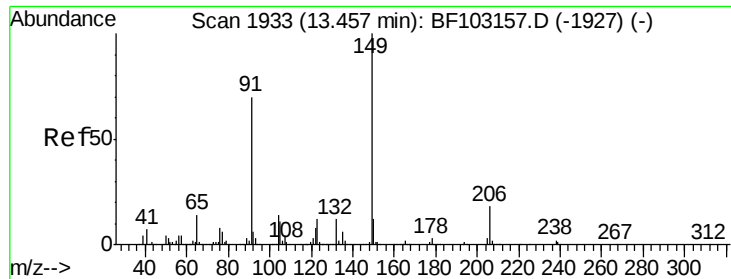
Sohil
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#78
Terphenyl-d14
Concen: 103.303 ng
RT: 12.99 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	14.4	11.0	16.4





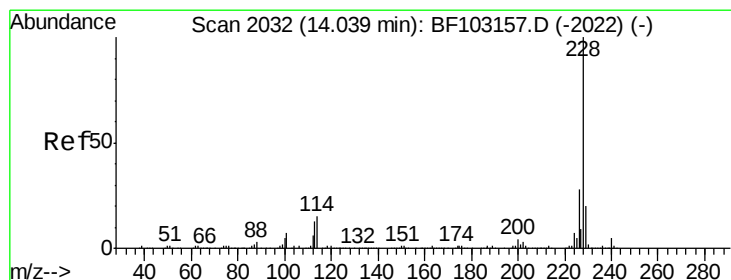
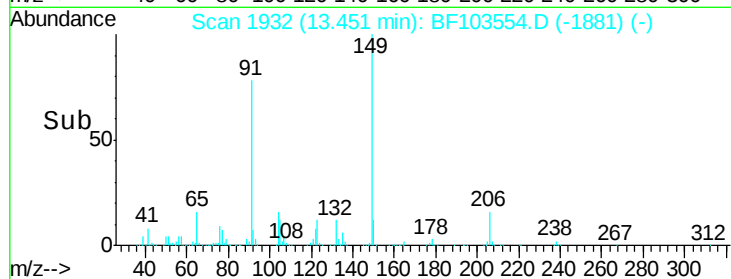
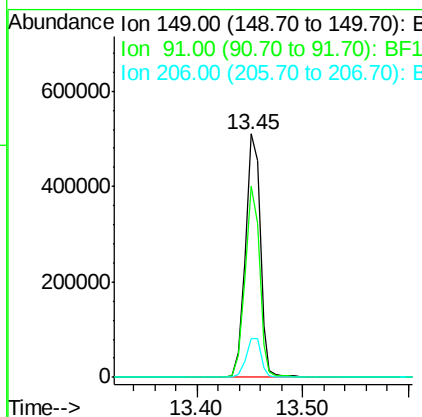
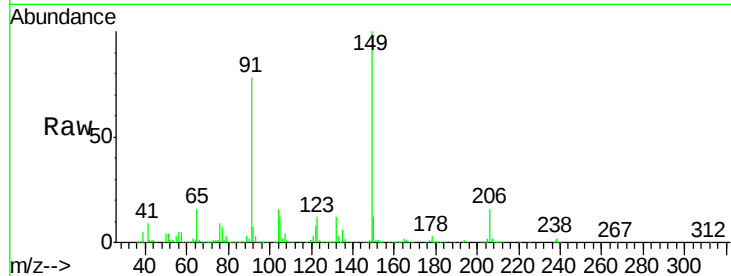
#79
Butylbenzylphthalate
Concen: 51.295 ng
RT: 13.45 min Scan# 1932
Delta R.T. 0.00 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

Instrument :
BNA_F
ClientSampleId :
PB107216BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	78.3	56.8	85.2
206	16.1	14.1	21.1

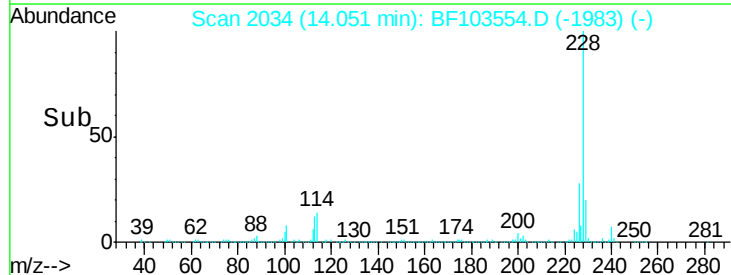
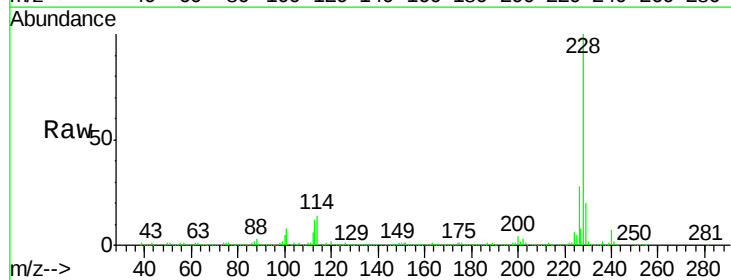
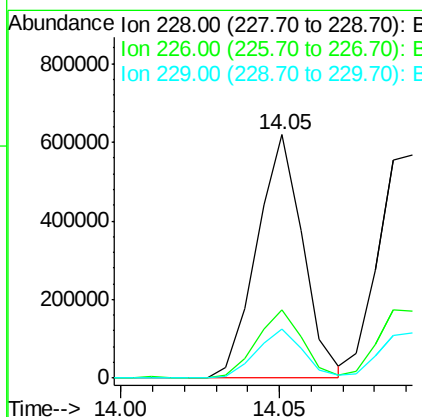
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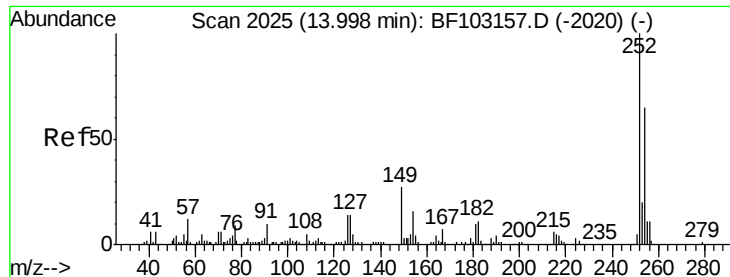
Sohil
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#80
Benzo(a)anthracene
Concen: 40.721 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	20.3	15.8	23.6





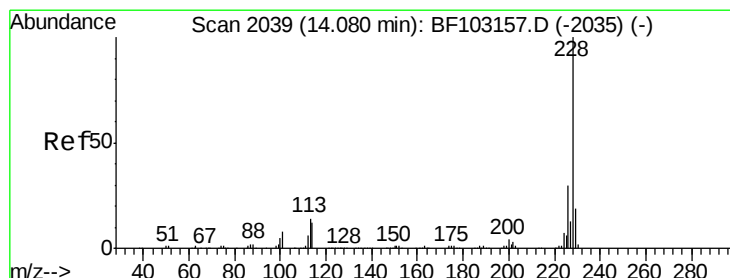
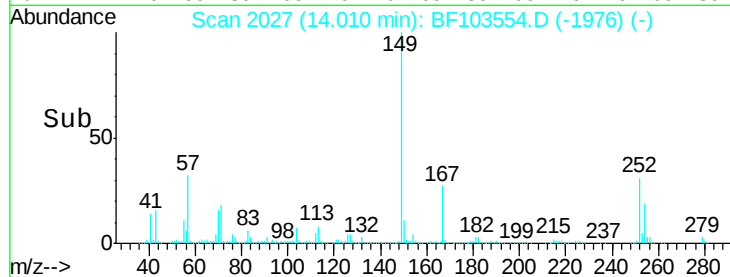
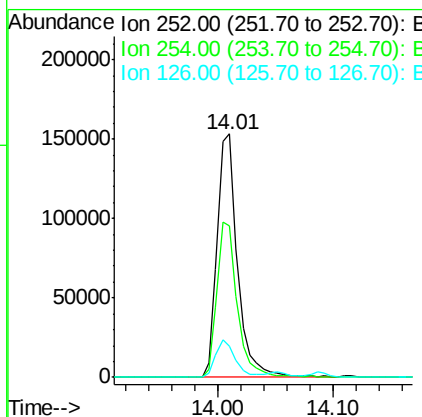
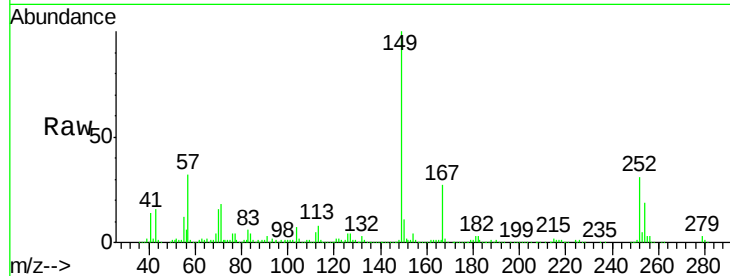
#81
 3,3'-Dichlorobenzidine
 Concen: 34.480 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.00 min
 Lab File: BF103554.D
 Acq: 9 Mar 2018 13:58

Instrument :
 BNA_F
 ClientSampleId :
 PB107216BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.1	50.4	75.6
126	13.0	11.3	16.9

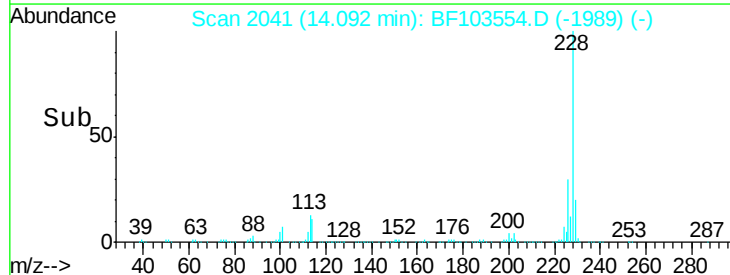
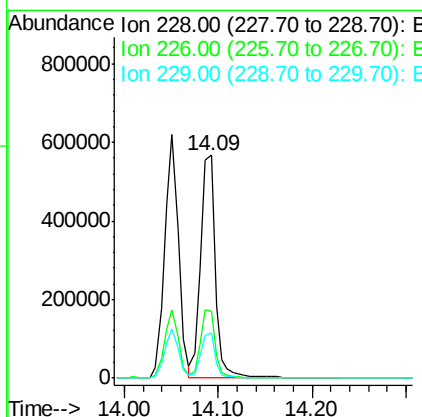
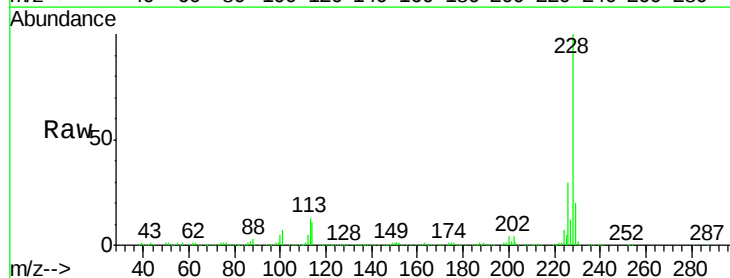
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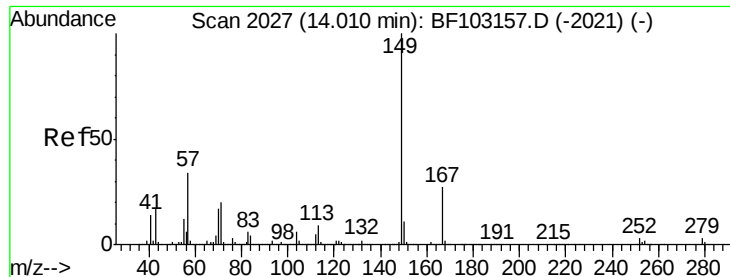
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#82
 Chrysene
 Concen: 41.958 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. 0.01 min
 Lab File: BF103554.D
 Acq: 9 Mar 2018 13:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	20.0	16.2	24.4





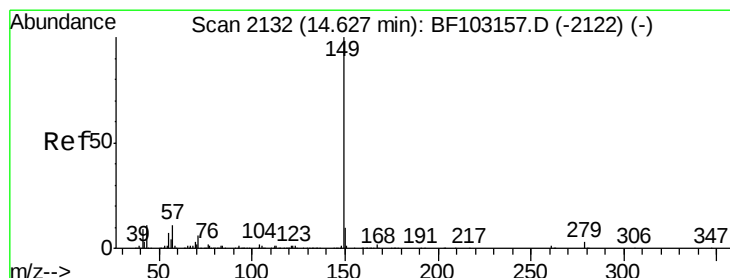
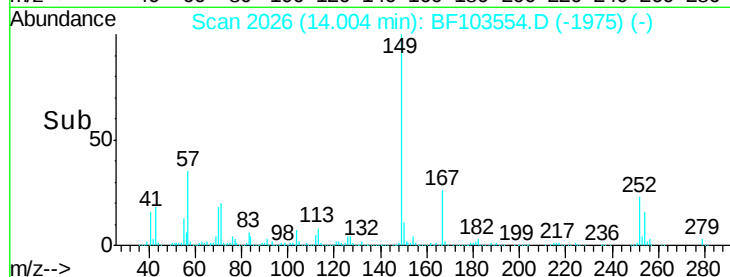
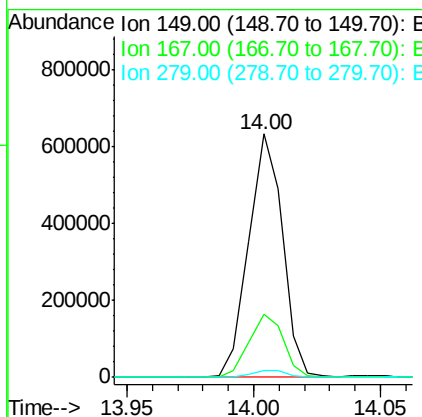
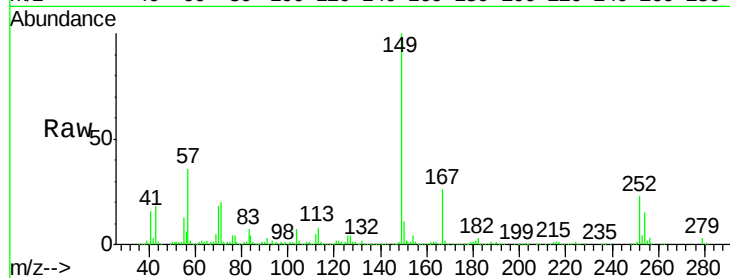
#83
Bis(2-ethylhexyl)phthalate
Concen: 45.176 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

Instrument :
BNA_F
ClientSampleId :
PB107216BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.3	31.9
279	2.6	3.0	4.4

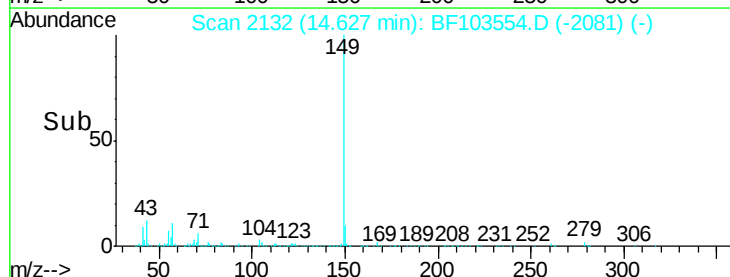
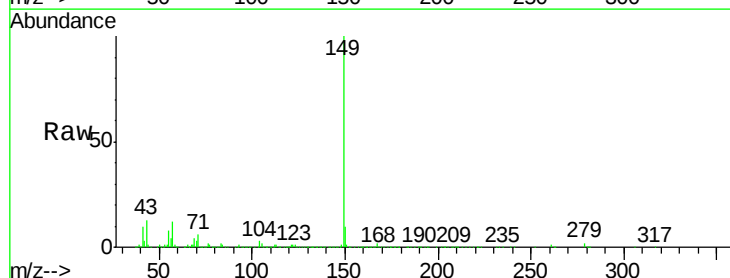
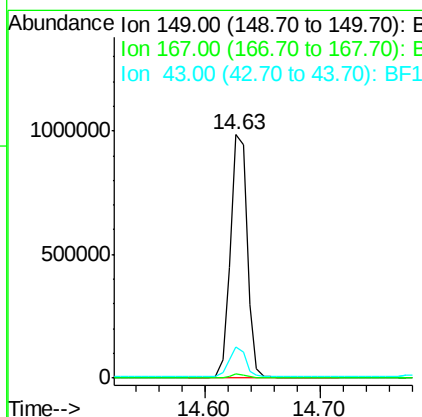
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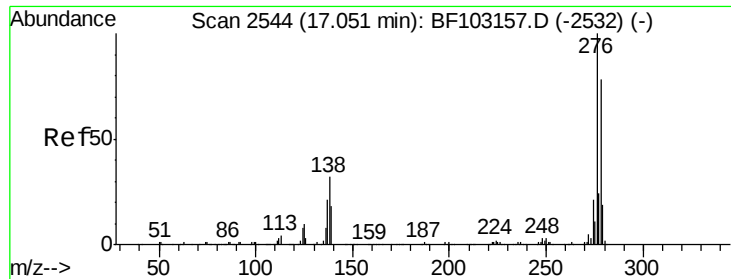
Sohil
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#84
Di-n-octyl phthalate
Concen: 47.021 ng
RT: 14.63 min Scan# 2132
Delta R.T. 0.00 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.7	8.4	12.6





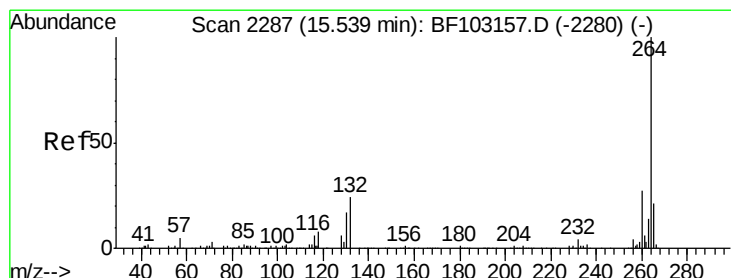
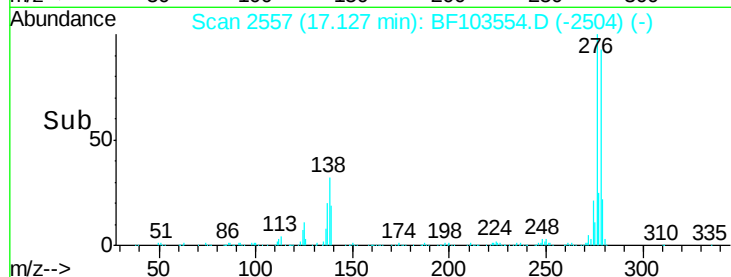
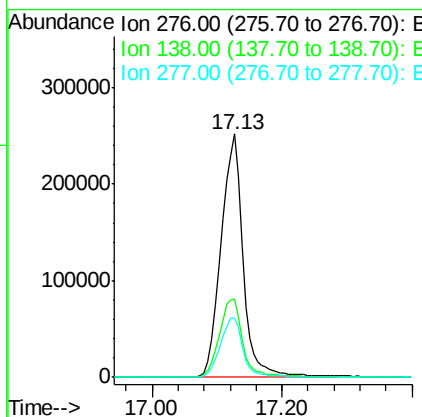
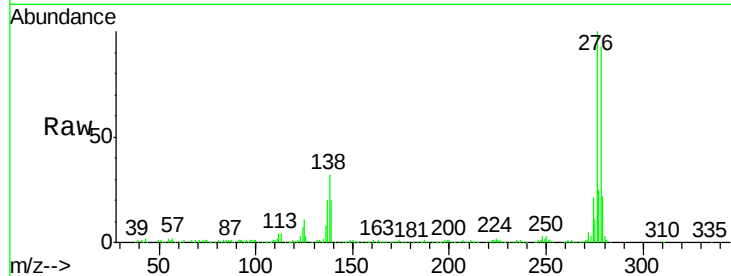
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.602 ng
 RT: 17.13 min Scan# 2557
 Delta R.T. 0.01 min
 Lab File: BF103554.D
 Acq: 9 Mar 2018 13:58

Instrument :
 BNA_F
 ClientSampleId :
 PB107216BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.0	25.0	37.6
277	25.1	20.1	30.1

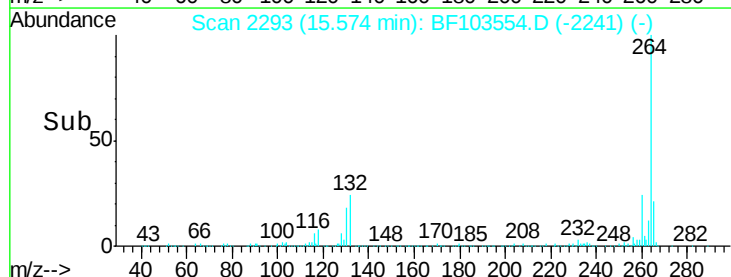
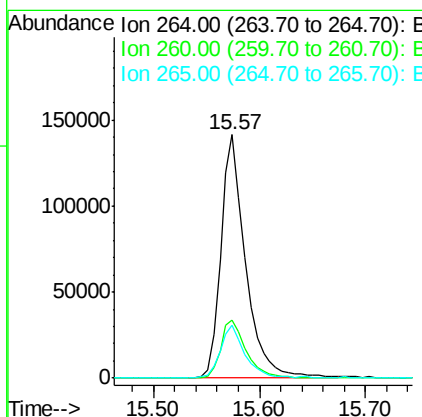
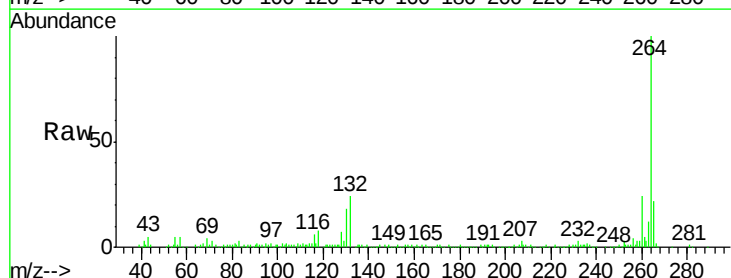
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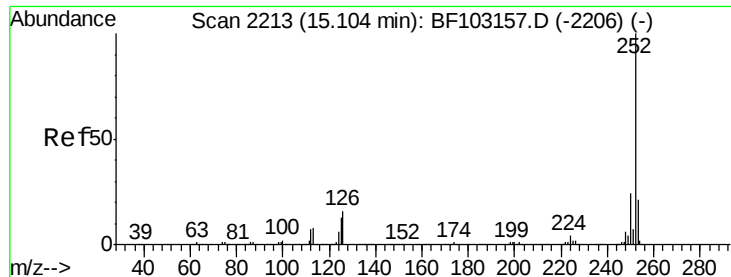
Sohil
 3/12/2018 3:50:07 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2293
 Delta R.T. 0.01 min
 Lab File: BF103554.D
 Acq: 9 Mar 2018 13:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.5	17.5	26.3





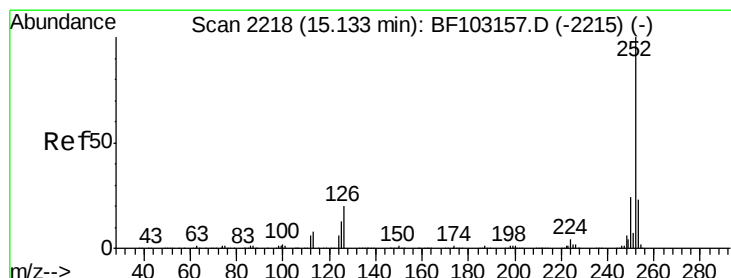
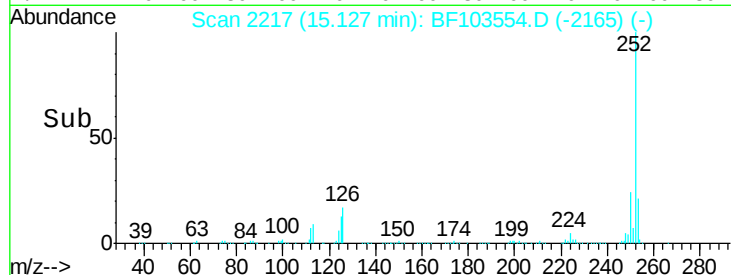
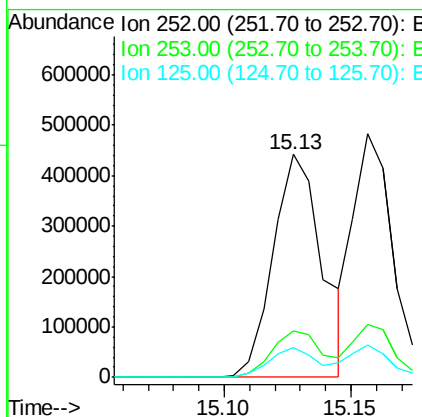
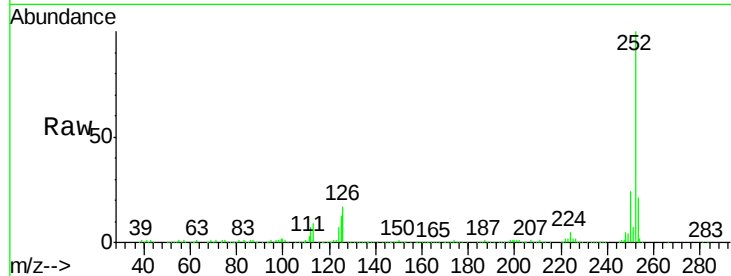
#87
Benzo(b)fluoranthene
Concen: 39.575 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

Instrument :
BNA_F
ClientSampleId :
PB107216BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.0	25.6
125	13.3	9.0	13.6

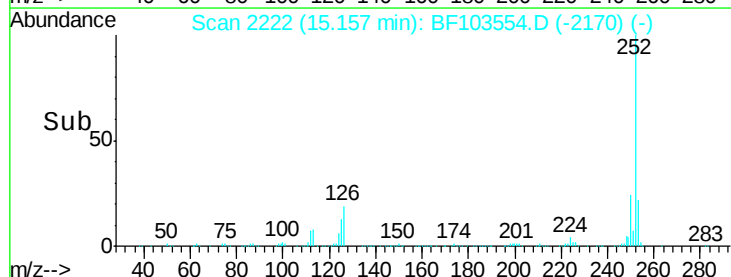
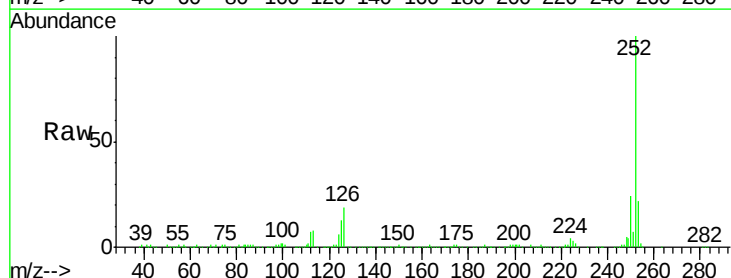
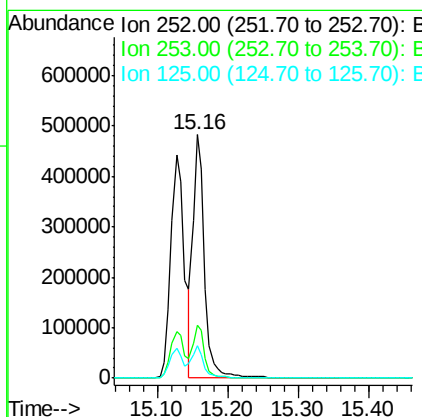
Manual Integrations
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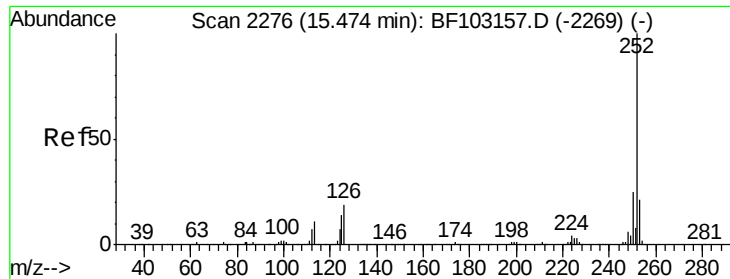
Sohil
3/12/2018 3:50:07 PM



#88
Benzo(k)fluoranthene
Concen: 39.090 ng
RT: 15.16 min Scan# 2222
Delta R.T. 0.01 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	13.2	10.2	15.2





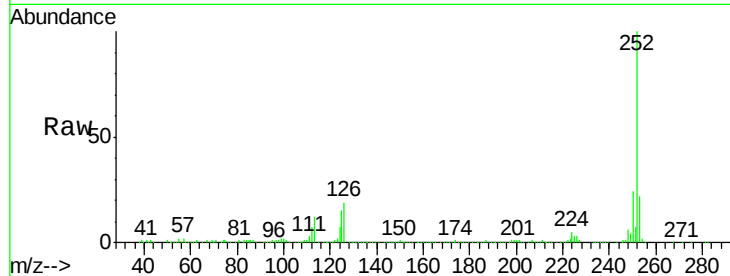
#89
Benzo(a)pyrene
Concen: 42.372 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

Instrument :
BNA_F
ClientSampleId :
PB107216BS

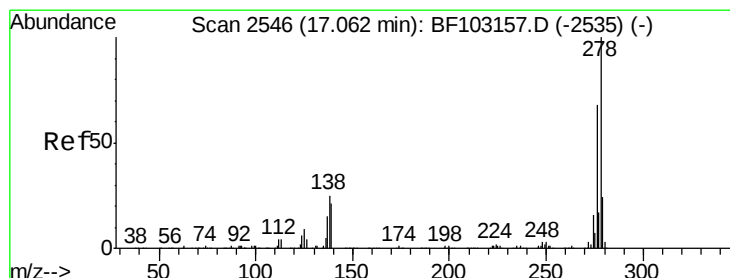
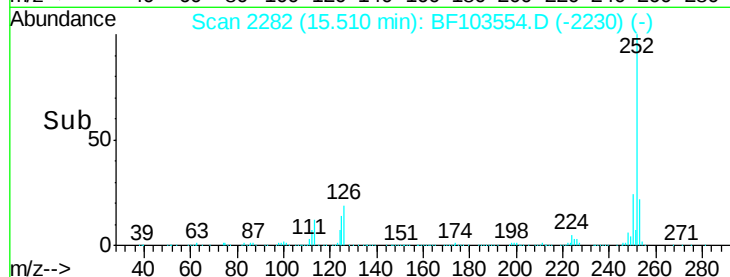
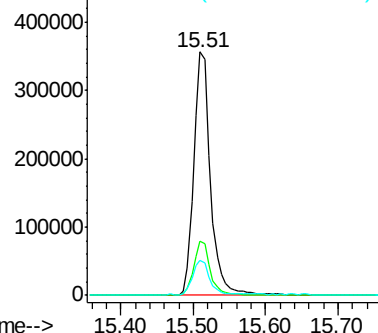
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	14.6	9.8	14.6

Manual Integrations
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Sohil
3/12/2018 3:50:07 PM



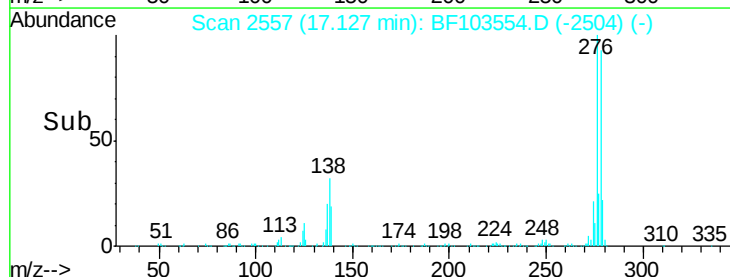
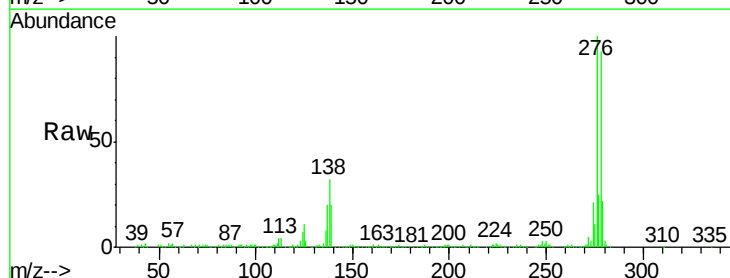
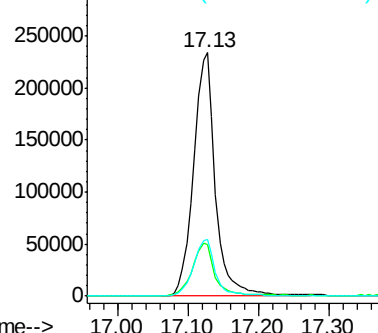
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

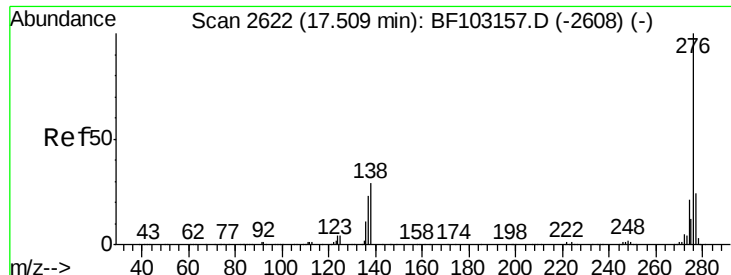


#90
Dibenzo(a,h)anthracene
Concen: 48.545 ng
RT: 17.13 min Scan# 2557
Delta R.T. 0.01 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.1	15.9	23.9
279	23.3	19.0	28.4

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





#91
 Benzo(a,h,i)perylene
 Concen: 49.611 ng
 RT: 17.59 min Scan# 2636
 Delta R.T. 0.01 min
 Lab File: BF103554.D
 Acq: 9 Mar 2018 13:58

Instrument :
 BNA_F
 ClientSampleId :
 PB107216BS

Tot Ion:	276	Resp:	503606
Ion Ratio		Lower	Upper
276	100		
277	23.8	17.9	26.9
138	30.0	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 3/12/2018 3:50:07 PM

