

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
 Data File : BF107162.D
 Acq On : 6 Jul 2018 9:35
 Operator : JU/SJ
 Sample : PB110854BS
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110854BS

Manual Integrations
 APPROVED

Sohil
 7/6/2018 11:38:09 AM

Quant Time: Jul 06 11:23:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	61136	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	228577	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	108143	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	178907	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	152715	20.00	ng	-0.03
86) Perylene-d12	15.67	264	120210	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	309518	85.73	ng	0.00
7) Phenol-d6	6.60	99	378530	83.96	ng	-0.02
23) Nitrobenzene-d5	7.52	82	352093	85.60	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	104055	83.02	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	640317	103.42	ng	-0.02
78) Terphenyl-d14	13.07	244	589324	93.48	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.85	88	60228	32.447	ng	97
3) Pyridine	3.62	79	185506	36.851	ng	97
4) n-Nitrosodimethylamine	3.60	42	74883	35.023	ng	80
6) Aniline	6.61	93	155698	25.457	ng	# 45
8) 2-Chlorophenol	6.74	128	172909	43.664	ng	97
9) Benzaldehyde	6.50	77	85706	25.255	ng	99
10) Phenol	6.61	94	211148	41.035	ng	82
11) bis(2-Chloroethyl)ether	6.68	93	169280	39.850	ng	98
12) 1,3-Dichlorobenzene	6.89	146	197574	42.599	ng	98
13) 1,4-Dichlorobenzene	6.97	146	198981	42.435	ng	97
14) 1,2-Dichlorobenzene	7.12	146	182911	42.564	ng	97
15) Benzyl Alcohol	7.10	79	140911	38.922	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	235944	42.334	ng	53
17) 2-Methylphenol	7.21	107	145620	42.970	ng	# 88
18) Hexachloroethane	7.45	117	61919	37.551	ng	# 86
19) n-Nitroso-di-n-propylamine	7.36	70	118609	39.909	ng	93
20) 3+4-Methylphenols	7.37	107	185017	53.317	ng	91
22) Acetophenone	7.35	105	237008	46.346	ng	# 98
24) Nitrobenzene	7.54	77	182689	43.505	ng	98
25) Isophorone	7.77	82	339736	46.874	ng	98
26) 2-Nitrophenol	7.85	139	90498	45.652	ng	98
27) 2,4-Dimethylphenol	7.88	122	156406	51.046	ng	97
28) bis(2-Chloroethoxy)methane	7.97	93	218757	44.953	ng	98
29) 2,4-Dichlorophenol	8.10	162	154333	48.112	ng	95
30) 1,2,4-Trichlorobenzene	8.17	180	169713	48.026	ng	96
31) Naphthalene	8.25	128	488113	45.675	ng	99
32) Benzoic acid	8.02	122	77213	36.239	ng	98
33) 4-Chloroaniline	8.30	127	78423	17.489	ng	98
34) Hexachlorobutadiene	8.35	225	112046	48.661	ng	99
35) Caprolactam	8.68	113	47379	45.310	ng	94
36) 4-Chloro-3-methylphenol	8.80	107	153805	45.552	ng	95
37) 2-Methylnaphthalene	8.94	142	352167	49.717	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	185656	50.978	ng	# 96
40) Hexachlorocyclopentadiene	9.09	237	8838	4.717	ng	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	105187	43.451	nq	92
43) 2,4,5-Trichlorophenol	9.28	196	106866	42.305	nq #	86
45) 1,1'-Biphenyl	9.41	154	423778	49.171	nq	98
46) 2-Chloronaphthalene	9.44	162	305179	44.985	nq	95
47) 2-Nitroaniline	9.54	65	94381	41.373	nq	98
48) Acenaphthylene	9.85	152	467088	43.610	nq	99
49) Dimethylphthalate	9.70	163	366198	45.149	nq	98
50) 2,6-Dinitrotoluene	9.78	165	79740	46.428	nq	89
51) Acenaphthene	10.02	154	278300	41.263	nq	97
52) 3-Nitroaniline	9.95	138	52526	26.577	nq	94
53) 2,4-Dinitrophenol	10.07	184	21965	28.305	nq #	16
54) Dibenzofuran	10.20	168	418057	45.267	nq	97
55) 4-Nitrophenol	10.14	139	65221	47.277	nq	97
56) 2,4-Dinitrotoluene	10.19	165	96904	43.226	nq	90
57) Fluorene	10.54	166	320751	43.767	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	88410	44.029	nq #	74
59) Diethylphthalate	10.40	149	335468	42.853	nq #	93
60) 4-Chlorophenyl-phenylether	10.52	204	176781	46.103	nq #	86
61) 4-Nitroaniline	10.57	138	62973	32.105	nq	94
62) Azobenzene	10.69	77	308635	40.036	nq	92
64) 4,6-Dinitro-2-methylphenol	10.60	198	24126	21.816	nq #	73
65) n-Nitrosodiphenylamine	10.65	169	283288	47.077	nq	99
66) 4-Bromophenyl-phenylether	11.02	248	112774	52.818	nq #	79
67) Hexachlorobenzene	11.09	284	111547	49.915	nq #	85
68) Atrazine	11.17	200	99358	51.938	nq	94
69) Pentachlorophenol	11.30	266	46736	41.914	nq	98
70) Phenanthrene	11.51	178	422037	48.909	nq	99
71) Anthracene	11.56	178	426612	48.436	nq	99
72) Carbazole	11.72	167	367163	44.525	nq	97
73) Di-n-butylphthalate	12.02	149	466736	48.044	nq	99
74) Fluoranthene	12.70	202	428578	45.062	nq	97
76) Benzidine	12.82	184	258098	59.343	nq	97
77) Pyrene	12.94	202	430965	42.795	nq	99
79) Butylbenzylphthalate	13.53	149	169147	40.852	nq #	96
80) Benzo(a)anthracene	14.12	228	431968	46.410	nq	99
81) 3,3'-Dichlorobenzidine	14.08	252	138867	42.451	nq #	95
82) Chrysene	14.17	228	397825	46.459	nq	99
83) Bis(2-ethylhexyl)phthalate	14.08	149	214949	40.606	nq #	96
84) Di-n-octyl phthalate	14.71	149	404030	46.825	nq	96
85) Indeno(1,2,3-cd)pyrene	17.25	276	287006	39.496	nq #	89
87) Benzo(b)fluoranthene	15.21	252	377629m	50.571	nq	
88) Benzo(k)fluoranthene	15.24	252	333985	46.966	nq #	96
89) Benzo(a)pyrene	15.61	252	319014	48.056	nq #	97
90) Dibenzo(a,h)anthracene	17.25	278	242539	43.111	nq #	93
91) Benzo(g,h,i)perylene	17.73	276	237327	43.159	nq #	90

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

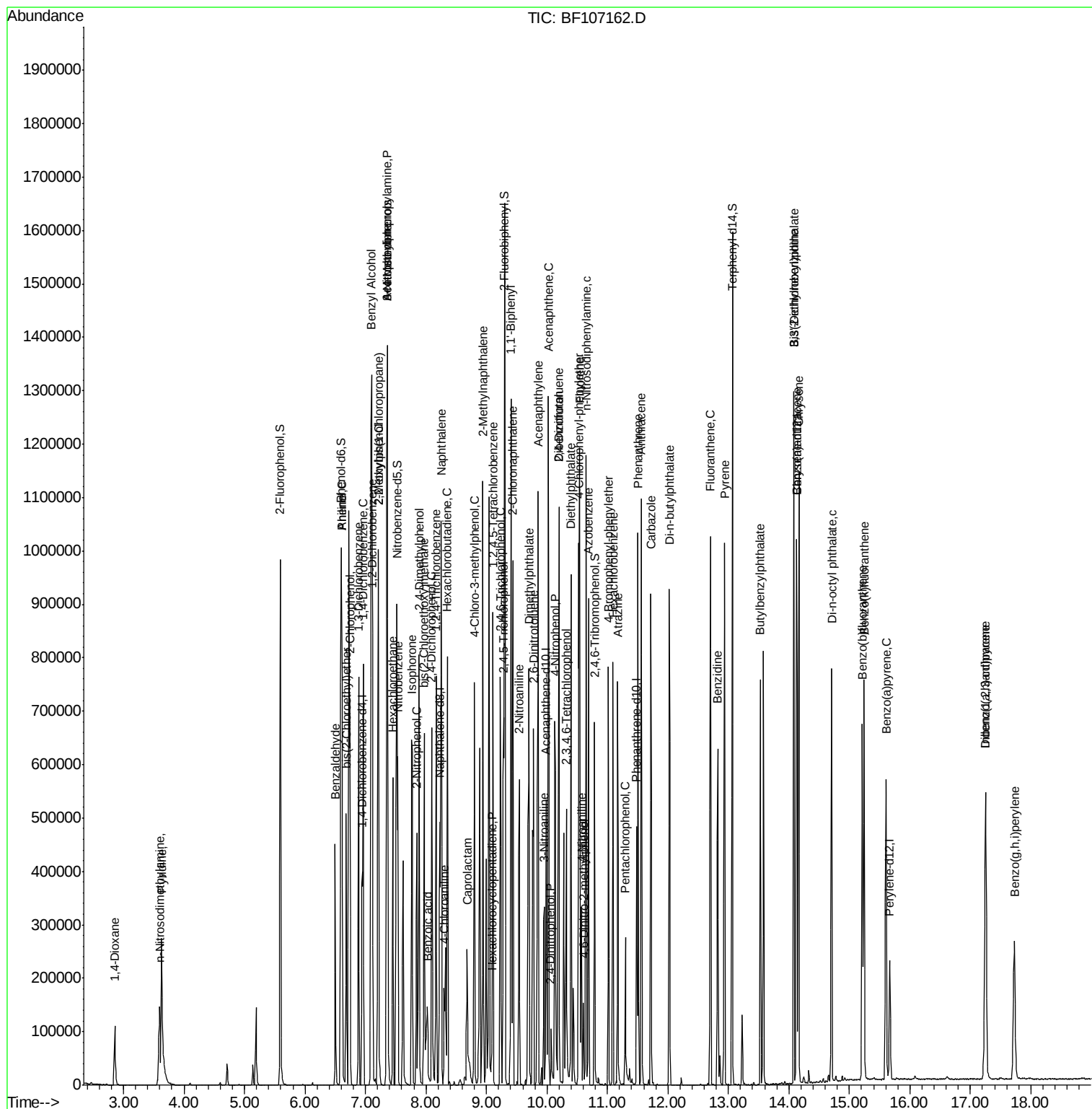
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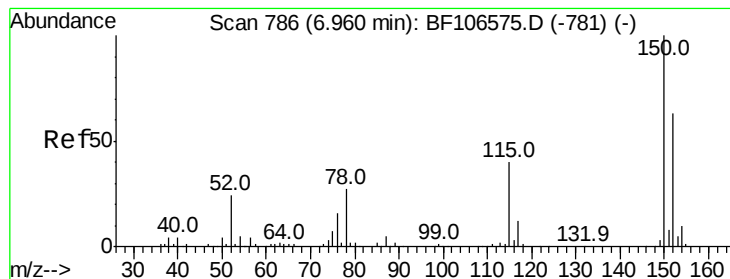
Instrument :
BNA_F
Client Sample ID :
PB110854BS

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#1

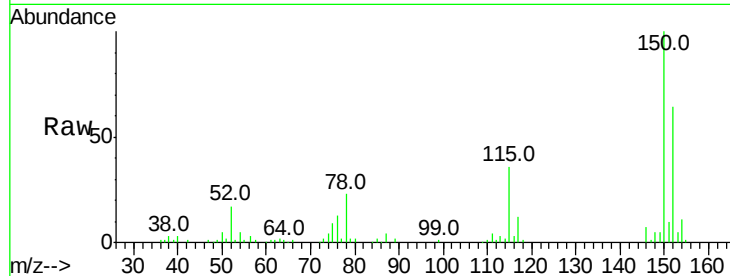
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Instrument :
BNA_F
ClientSampled :
PB110854BS

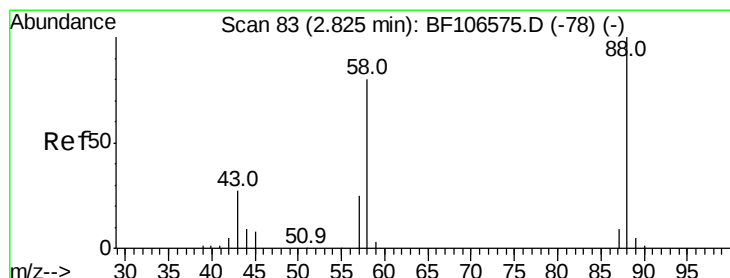
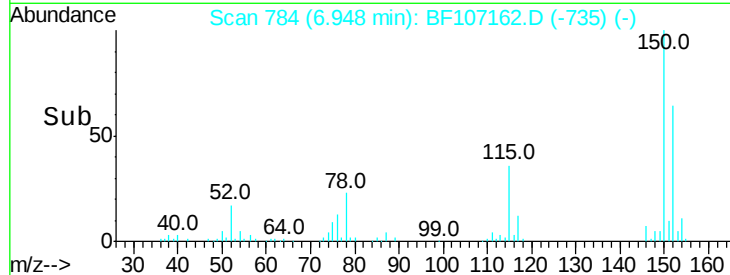
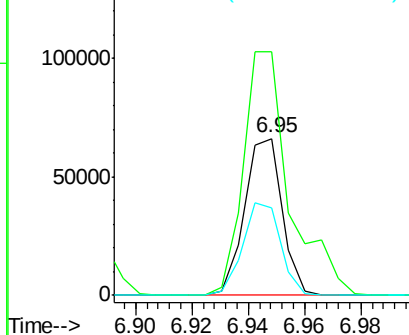
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.6	186.8
115	56.2	50.1	75.1

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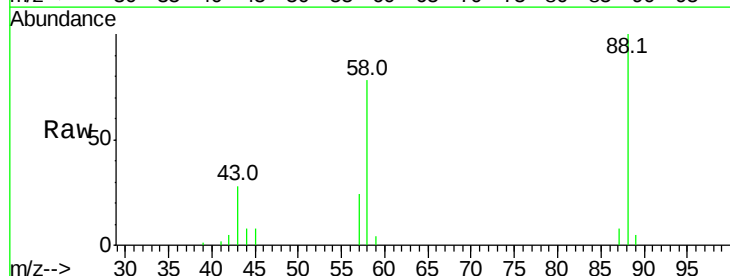
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



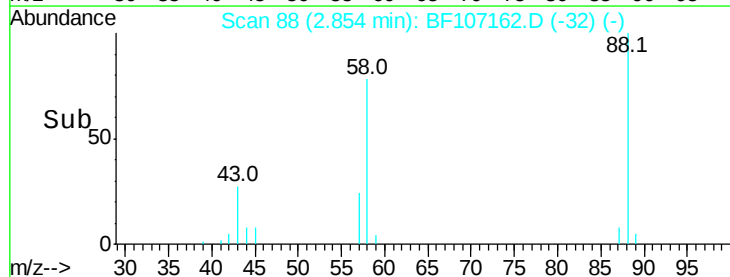
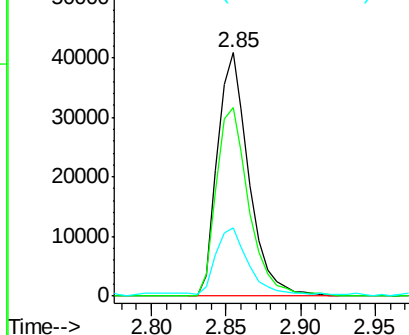
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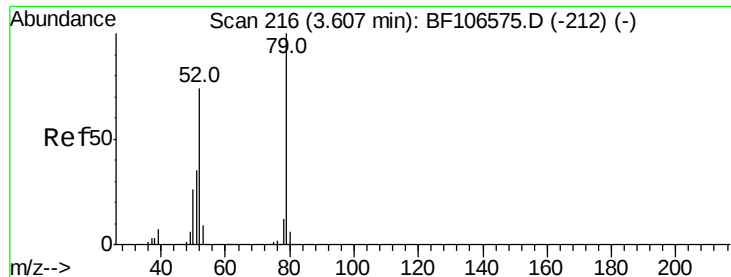
1,4-Dioxane
Concen: 32.447 ng
RT: 2.85 min Scan# 88
Delta R.T. 0.03 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.4	62.6	93.8
43	28.9	24.6	37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 36.851 ng

RT: 3.62 min Scan# 219

Delta R.T. 0.02 min

Lab File: BF107162.D

Acq: 6 Jul 2018 9:35

Instrument :

BNA_F

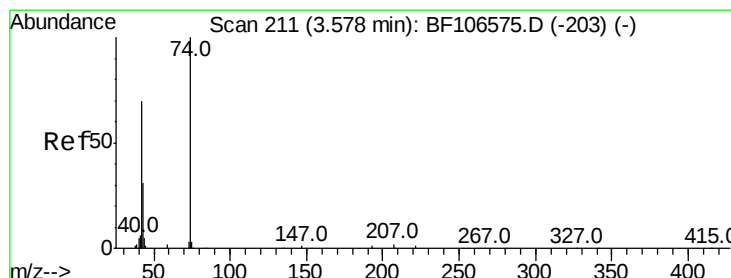
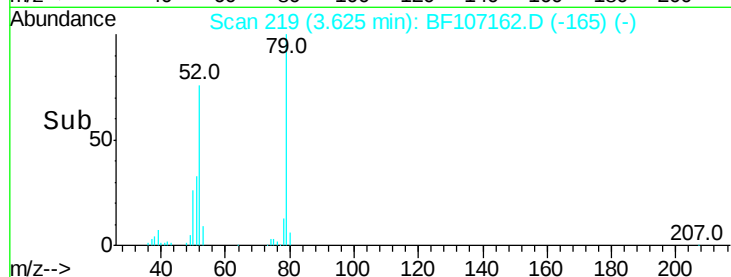
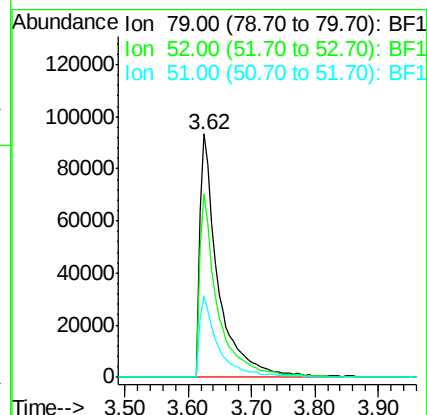
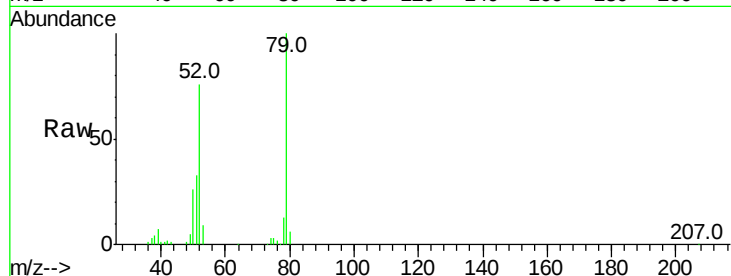
ClientSampleId :

PB110854BS

Tot Ion:	79	Resp:	185506
Ion Ratio	Lower	Upper	
79	100		
52	75.6	59.8	89.6
51	33.2	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 35.023 ng

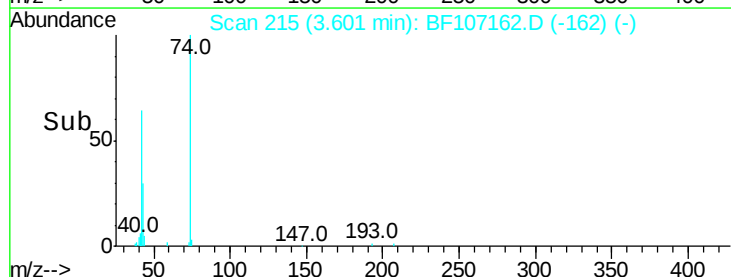
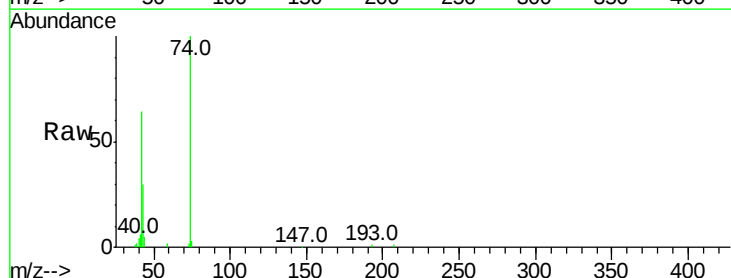
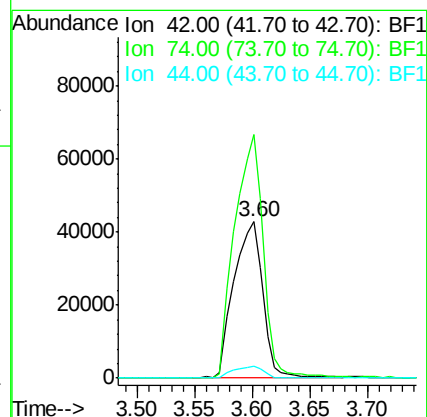
RT: 3.60 min Scan# 215

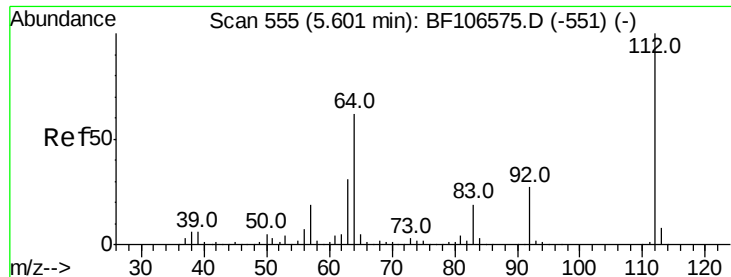
Delta R.T. 0.01 min

Lab File: BF107162.D

Acq: 6 Jul 2018 9:35

Tgt Ion:	42	Resp:	74883
Ion Ratio	Lower	Upper	
42	100		
74	156.0	104.9	157.3
44	7.6	6.9	10.3





#5

2-Fluorophenol

Concen: 85.729 ng

RT: 5.60 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF107162.D

Acq: 6 Jul 2018 9:35

Instrument :

BNA_F

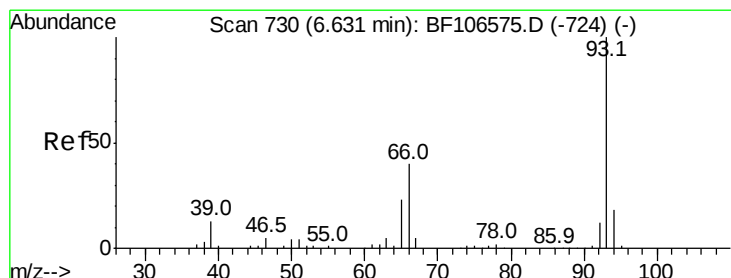
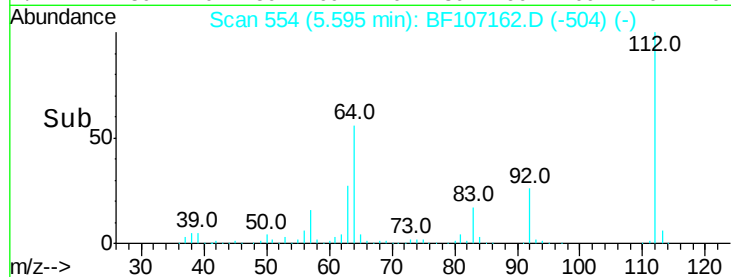
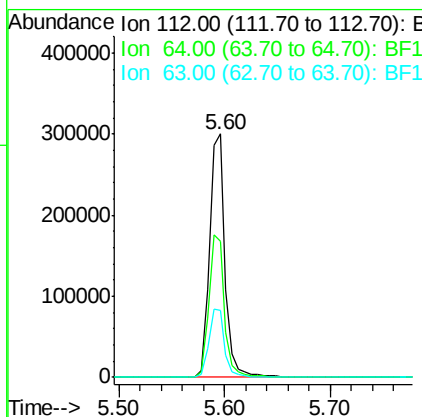
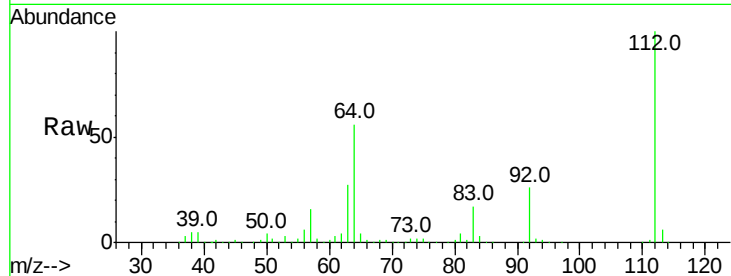
ClientSampleId :

PB110854BS

Tot Ion:	112	Resp:	309518
Ion Ratio	Lower	Upper	
112	100		
64	55.7	47.9	71.9
63	27.4	23.7	35.5

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#6

Aniline

Concen: 25.457 ng

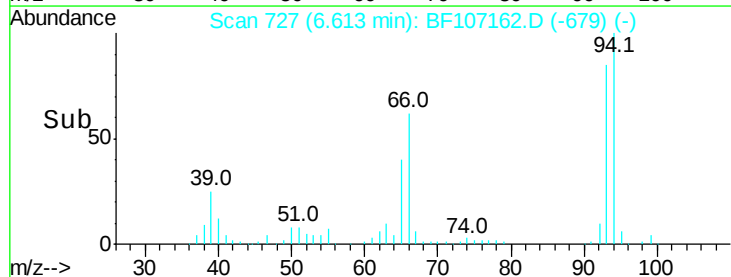
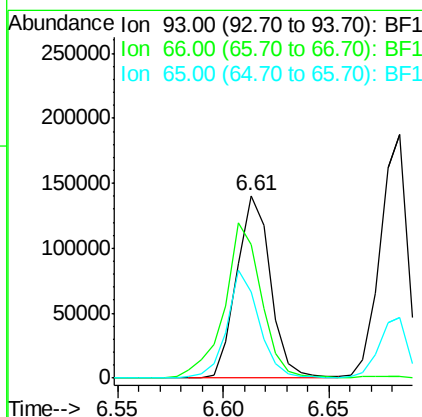
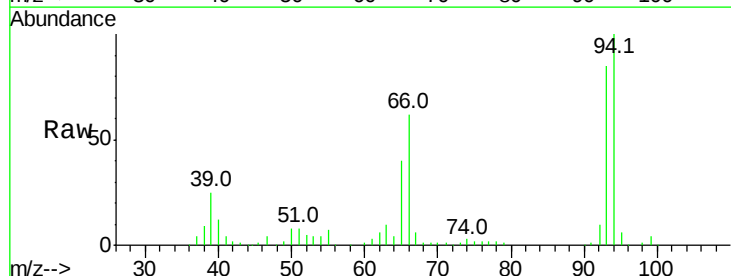
RT: 6.61 min Scan# 727

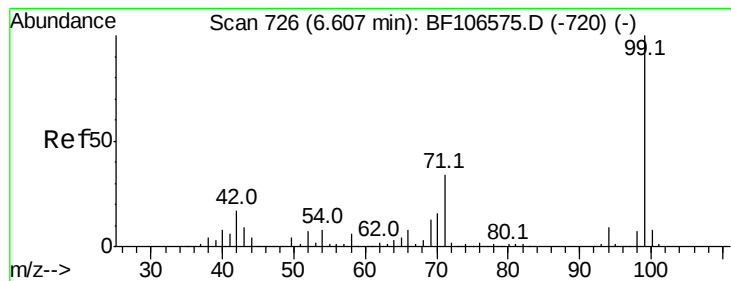
Delta R.T. -0.02 min

Lab File: BF107162.D

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Tgt Ion:	93	Resp:	155698
Ion Ratio	Lower	Upper	
93	100		
66	73.1	32.2	48.2#
65	47.4	16.4	24.6#





#7

Phenol-d6

Concen: 83.955 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107162.D

Acq: 6 Jul 2018 9:35

Instrument :

BNA_F

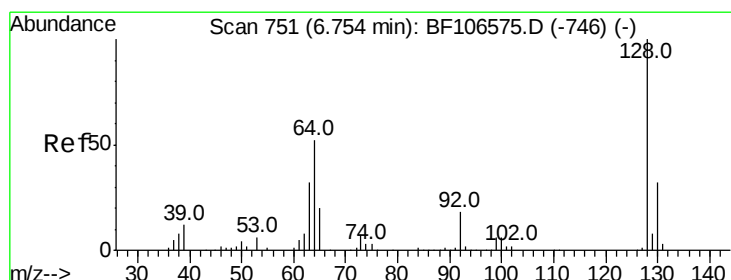
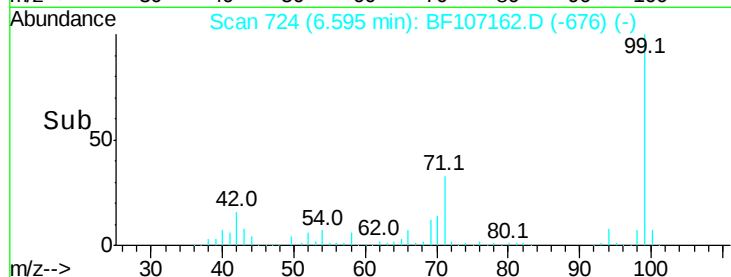
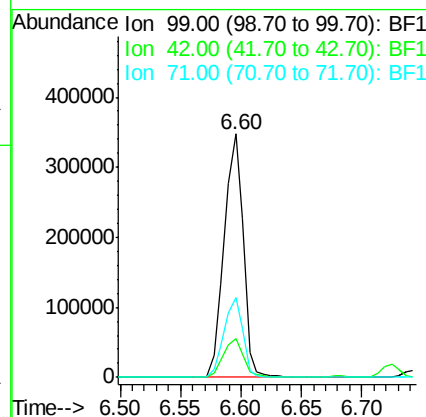
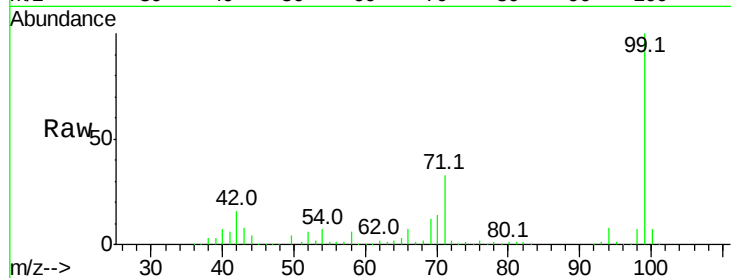
ClientSampleId :

PB110854BS

Tot Ion:	99	Resp:	378530
Ion Ratio	Lower	Upper	
99	100		
42	16.0	14.5	21.7
71	32.8	25.4	38.0

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#8

2-Chlorophenol

Concen: 43.664 ng

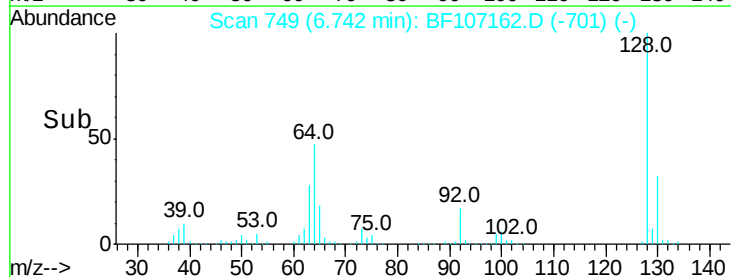
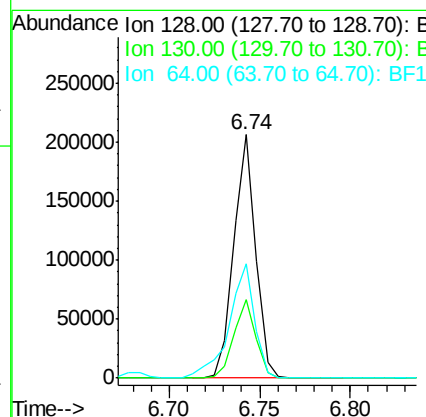
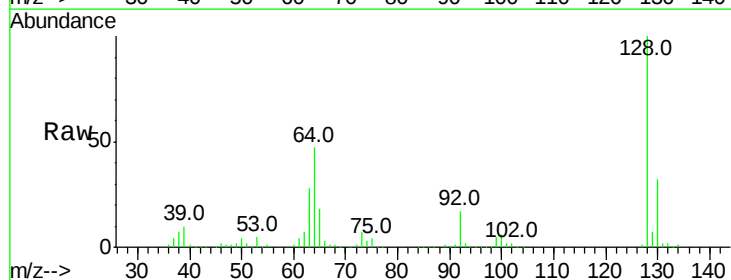
RT: 6.74 min Scan# 749

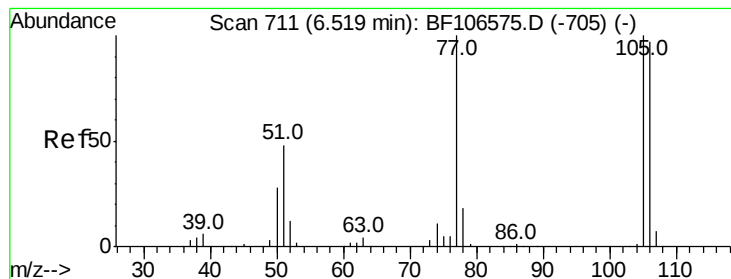
Delta R.T. -0.02 min

Lab File: BF107162.D

Acq: 6 Jul 2018 9:35

Tgt Ion:	128	Resp:	172909
Ion Ratio	Lower	Upper	
128	100		
130	32.4	13.0	53.0
64	46.9	29.4	69.4





#9

Benzaldehyde

Concen: 25.255 ng

RT: 6.50 min Scan# 708

Delta R.T. -0.02 min

Lab File: BF107162.D

Acq: 6 Jul 2018 9:35

Instrument :

BNA_F

ClientSampled :

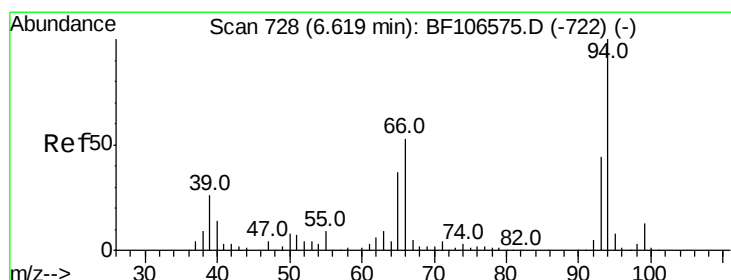
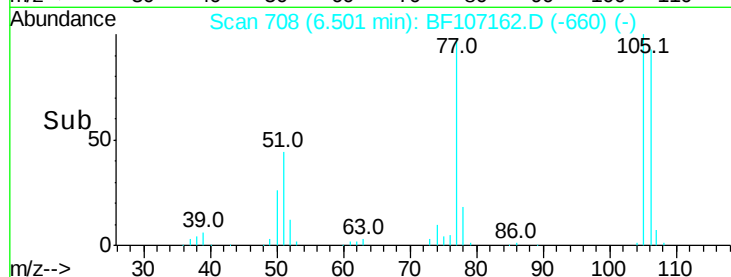
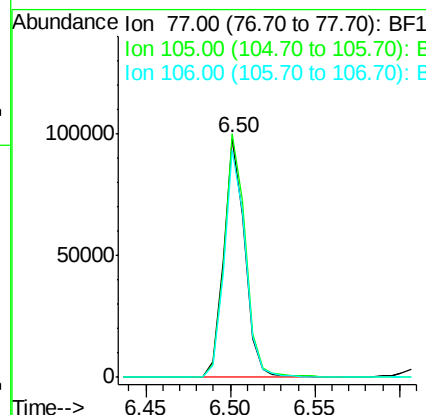
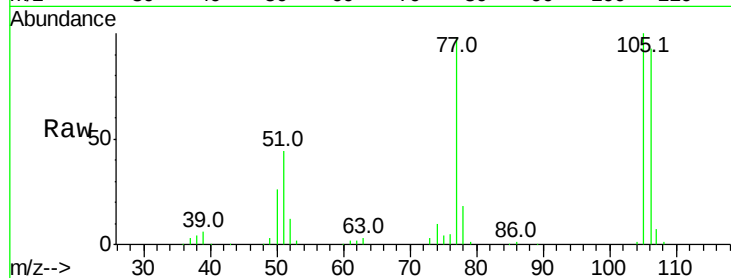
PB110854BS

Tot Ion: 77 Resp: 85706

Ion	Ratio	Lower	Upper
77	100		
105	101.9	81.1	121.1
106	95.0	74.5	114.5

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#10

Phenol

Concen: 41.035 ng

RT: 6.61 min Scan# 726

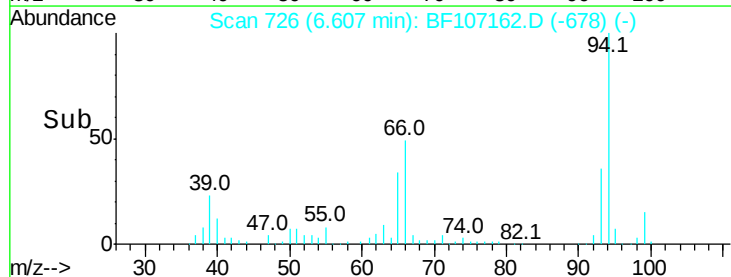
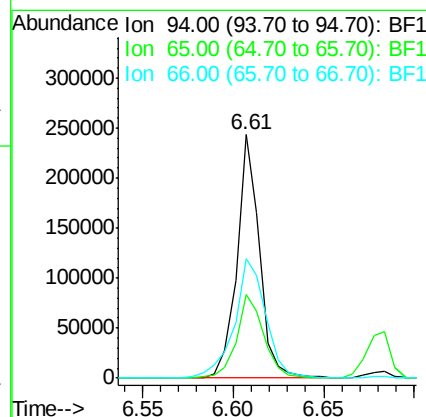
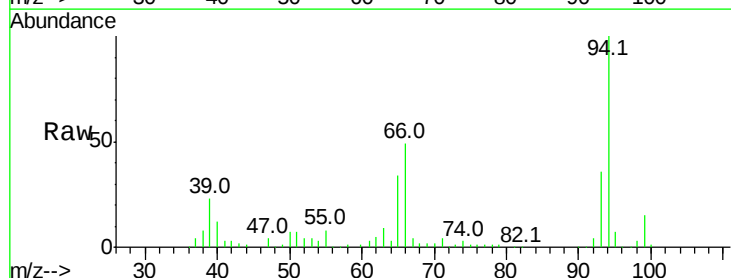
Delta R.T. -0.02 min

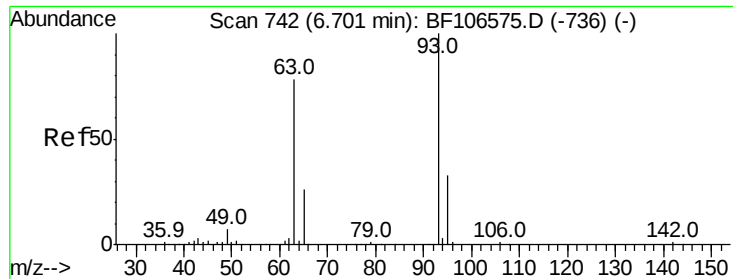
Lab File: BF107162.D

Acq: 6 Jul 2018 9:35

Tgt Ion: 94 Resp: 211148

Ion	Ratio	Lower	Upper
94	100		
65	34.3	7.9	47.9
66	49.2	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 39.850 ng

RT: 6.68 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF107162.D

Acq: 6 Jul 2018 9:35

Instrument :

BNA_F

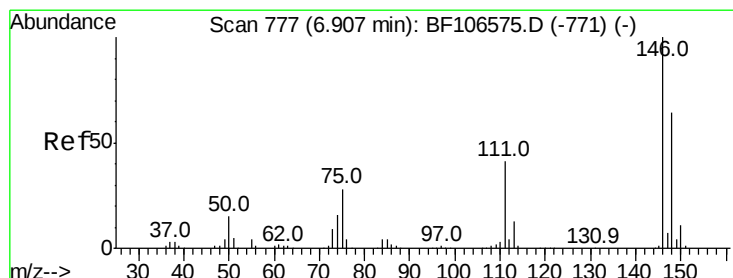
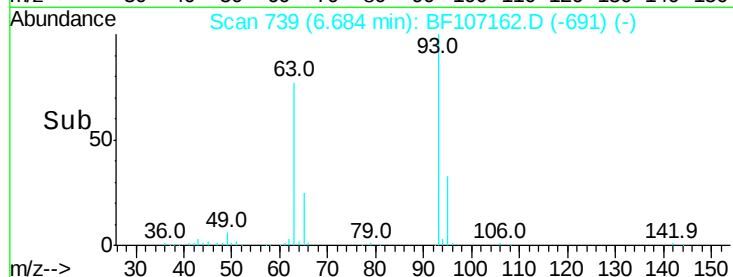
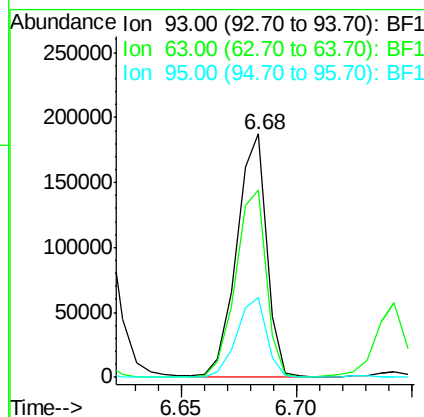
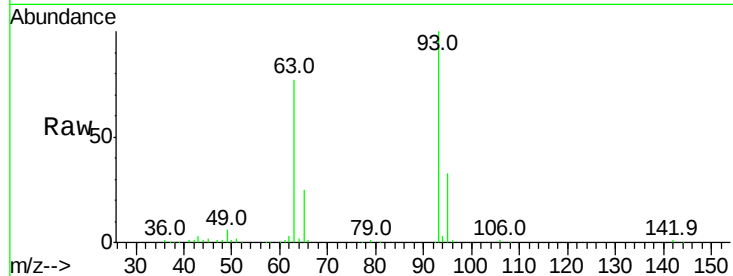
ClientSampleId :

PB110854BS

Tot Ion:	93	Resp:	169280
Ion Ratio	Lower	Upper	
93	100		
63	76.9	58.6	98.6
95	32.7	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 42.599 ng

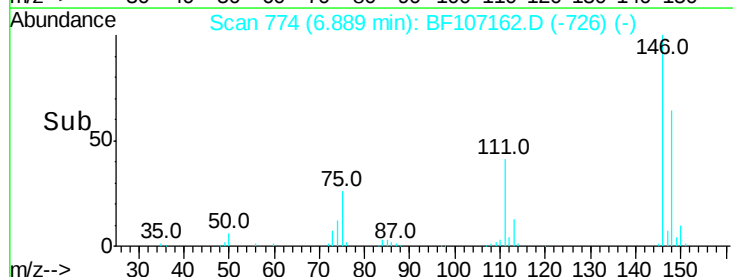
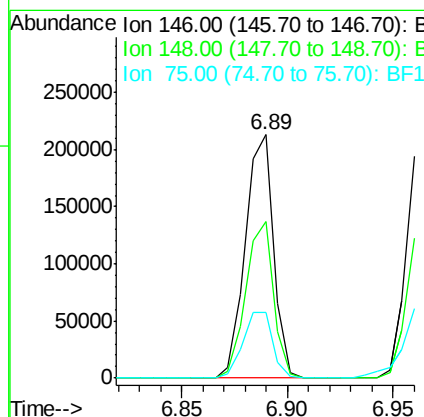
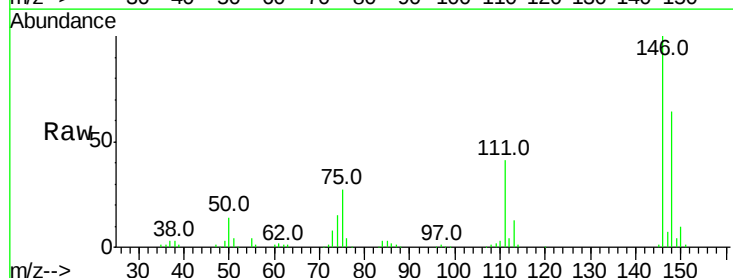
RT: 6.89 min Scan# 774

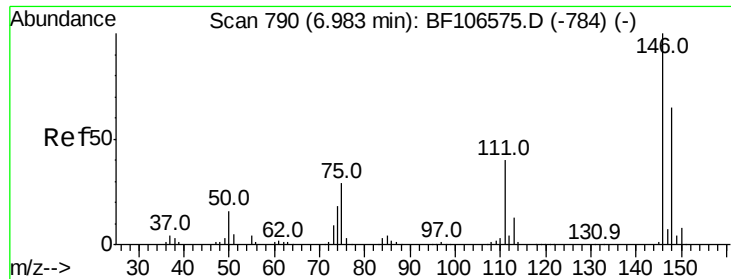
Delta R.T. -0.02 min

Lab File: BF107162.D

Acq: 6 Jul 2018 9:35

Tgt Ion:	146	Resp:	197574
Ion Ratio	Lower	Upper	
146	100		
148	64.1	51.8	77.8
75	27.2	24.2	36.4





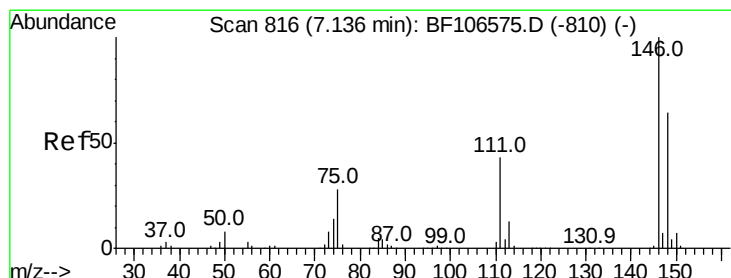
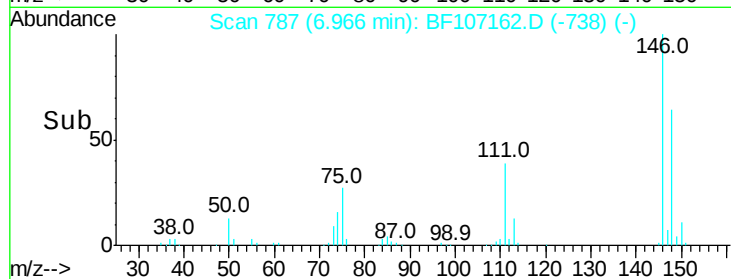
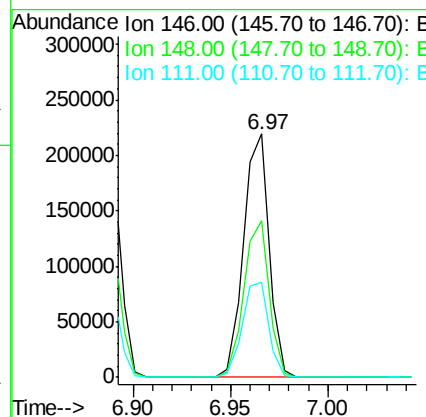
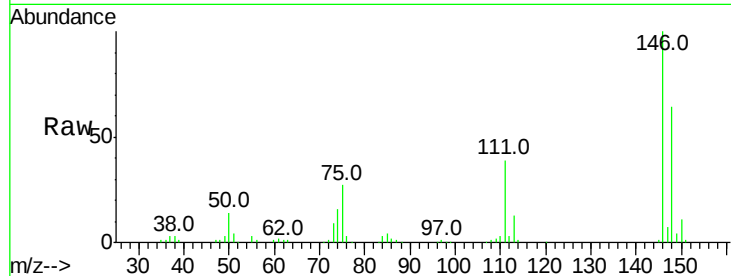
#13
 1,4-Dichlorobenzene
 Concen: 42.435 ng
 RT: 6.97 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF107162.D
 Acq: 6 Jul 2018 9:35

Instrument :
 BNA_F
 ClientSampled :
 PB110854BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.8	76.2
111	39.2	34.2	51.2

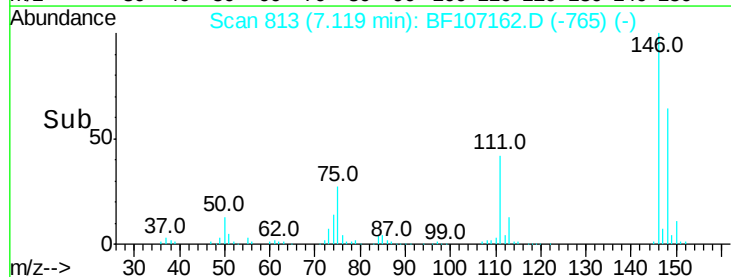
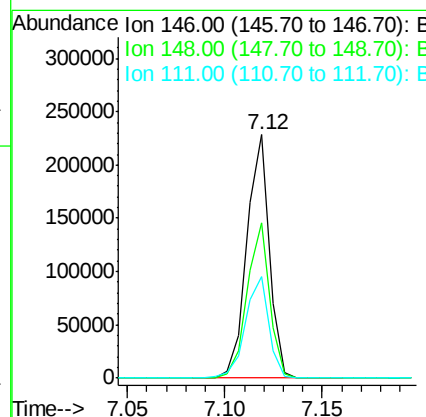
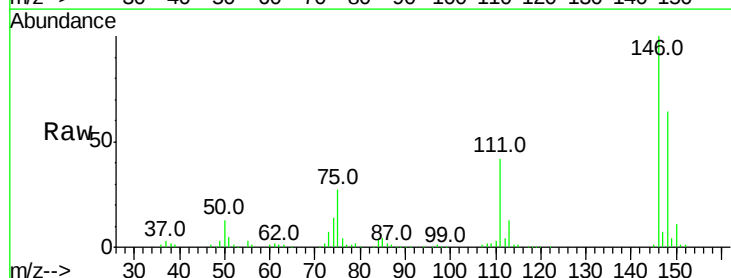
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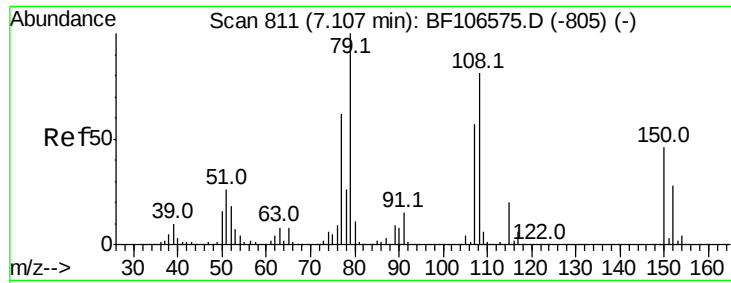
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#14
 1,2-Dichlorobenzene
 Concen: 42.564 ng
 RT: 7.12 min Scan# 813
 Delta R.T. -0.02 min
 Lab File: BF107162.D
 Acq: 6 Jul 2018 9:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.6	75.8
111	41.6	36.0	54.0





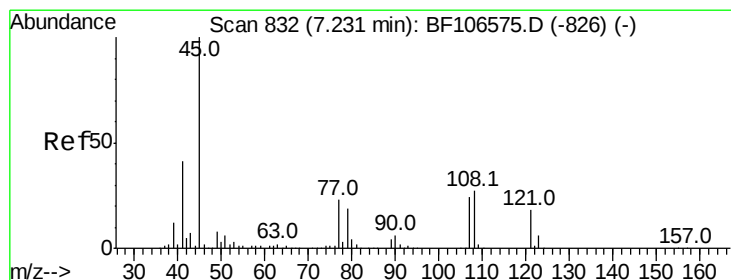
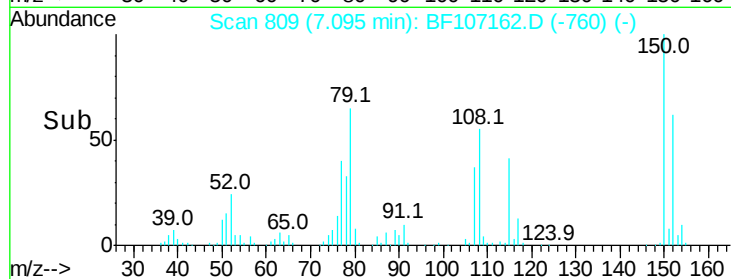
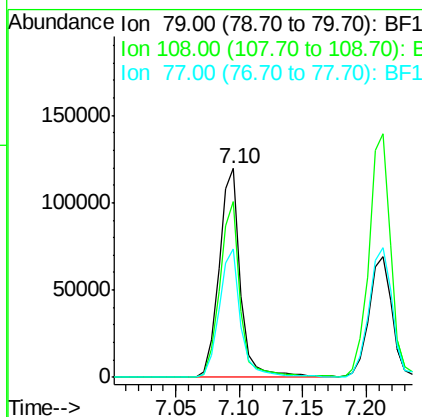
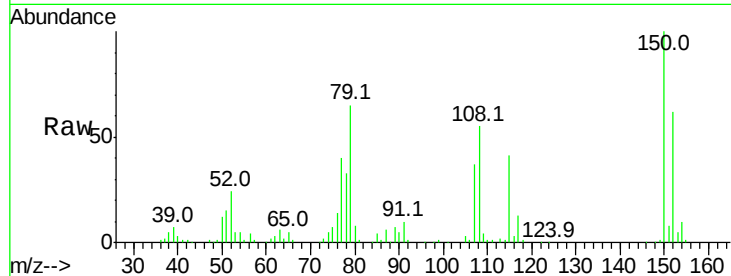
#15
Benzyl Alcohol
Concen: 38.922 ng
RT: 7.10 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Instrument :
BNA_F
ClientSampled :
PB110854BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	84.0	65.1	97.7
77	61.8	50.6	75.8

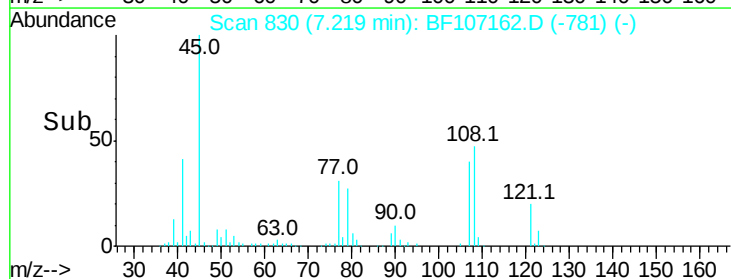
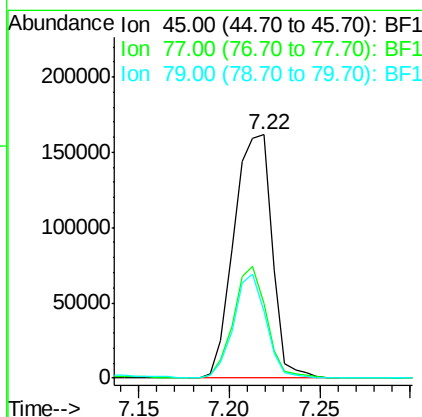
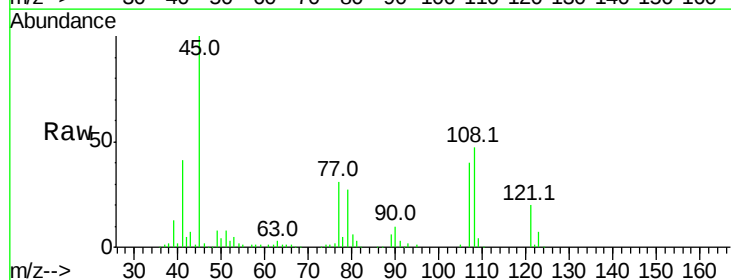
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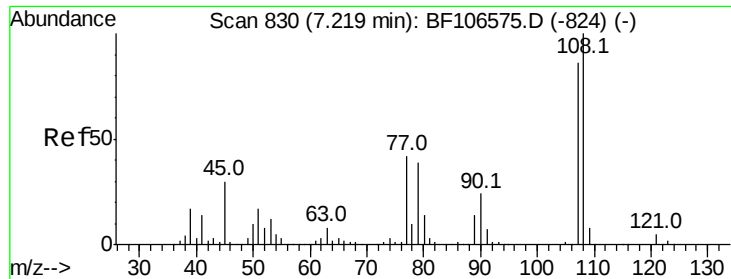
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#16
2,2'-oxybis(1-chloropropane)
Concen: 42.334 ng
RT: 7.22 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Tgt Ion	Ratio	Lower	Upper
45	100		
77	30.8	0.0	32.9
79	27.4	0.0	29.6





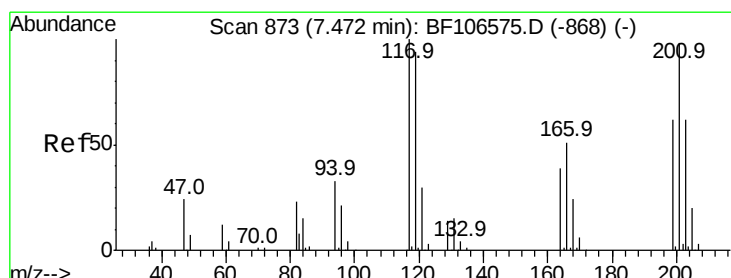
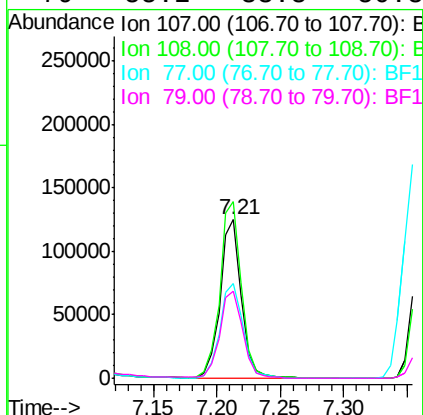
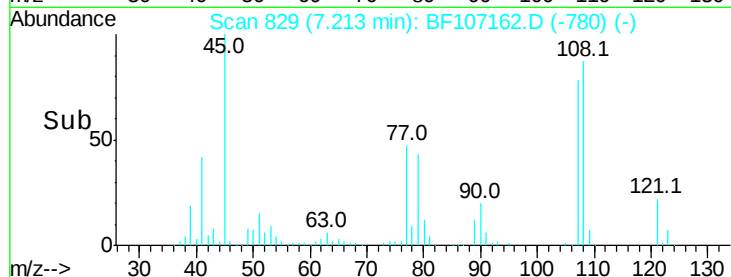
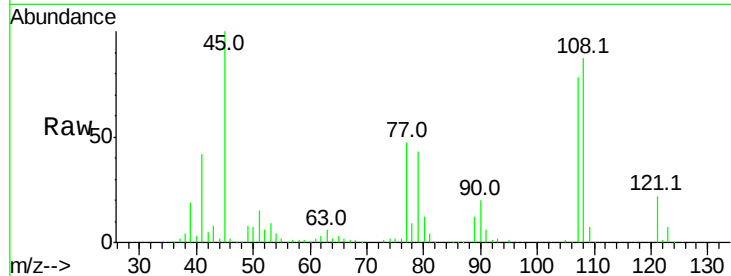
#17
2-Methylphenol
Concen: 42.970 ng
RT: 7.21 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Instrument :
BNA_F
ClientSampleID :
PB110854BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	145620		
108	111.8	91.7	137.5	
77	59.5	33.8	50.8#	
79	55.2	33.8	50.8#	

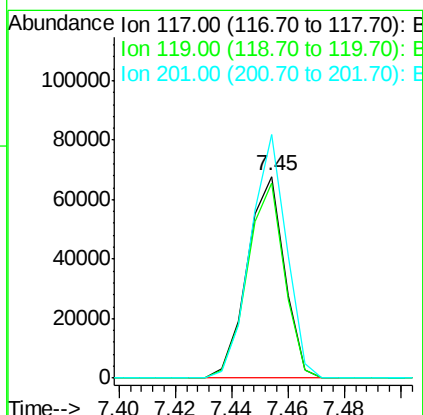
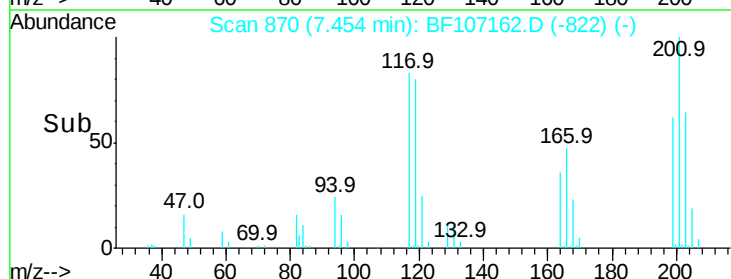
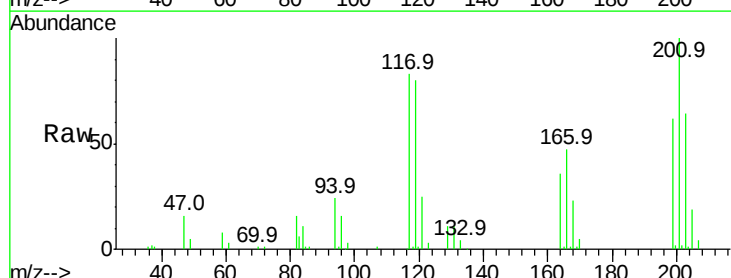
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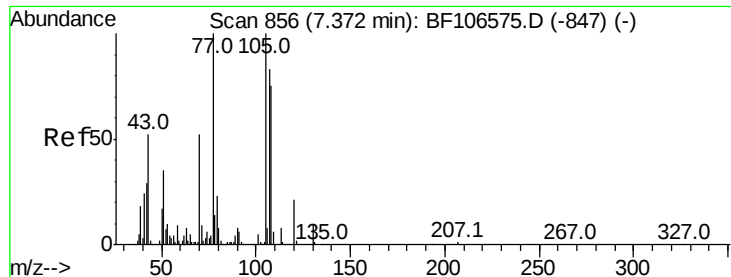
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#18
Hexachloroethane
Concen: 37.551 ng
RT: 7.45 min Scan# 870
Delta R.T. -0.02 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	61919		
119	96.6	75.8	113.8	
201	120.7	75.7	113.5#	





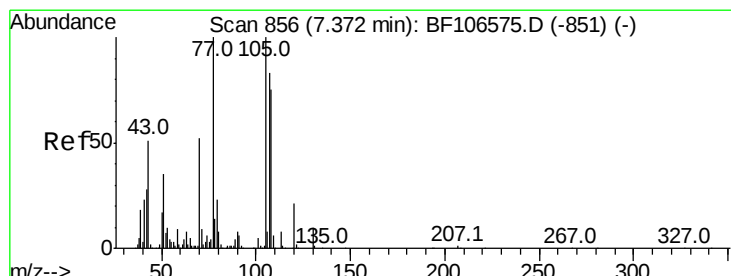
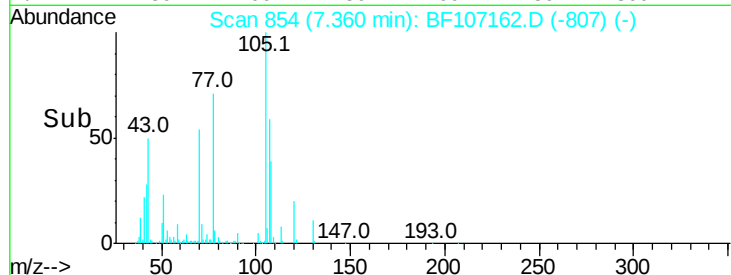
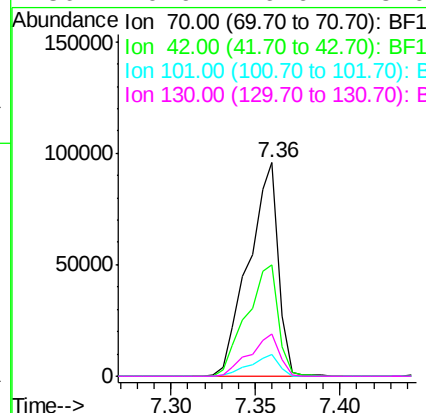
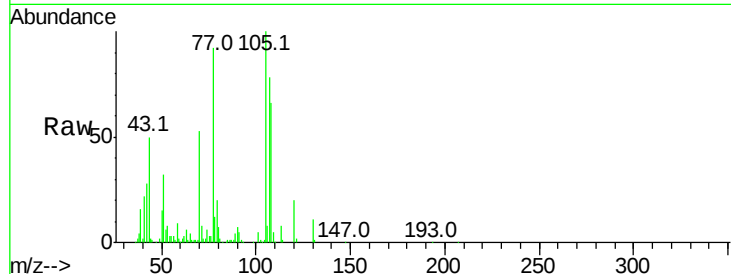
#19
n-Nitroso-di-n-propylamine
Concen: 39.909 ng
RT: 7.36 min Scan# 854
Delta R.T. -0.02 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Instrument :
BNA_F
ClientSampleId :
PB110854BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	52.0	47.5	71.3
101	10.1	7.4	11.2
130	19.9	16.6	25.0

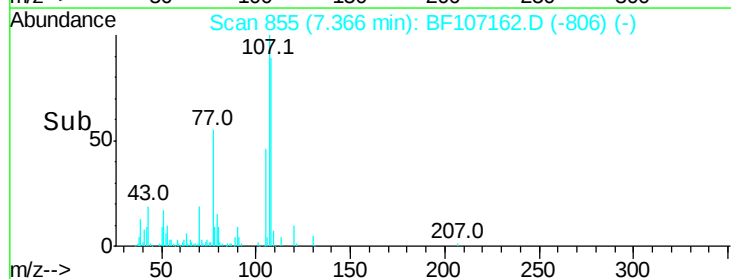
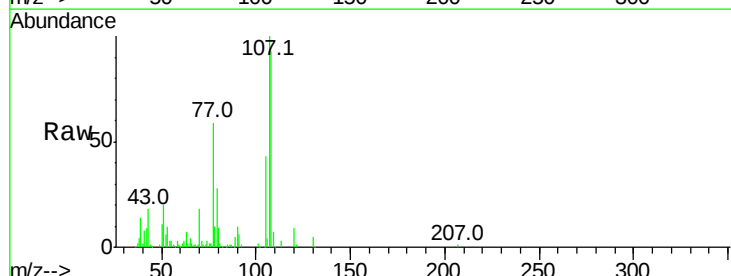
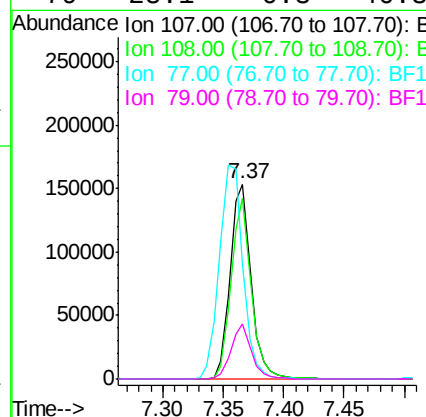
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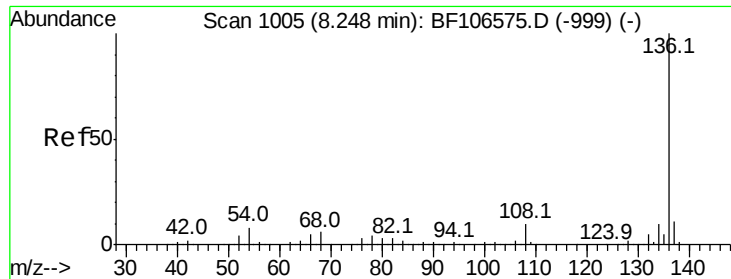
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#20
3+4-Methylphenols
Concen: 53.317 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.7	68.2	108.2
77	59.1	26.7	66.7
79	28.1	6.3	46.3





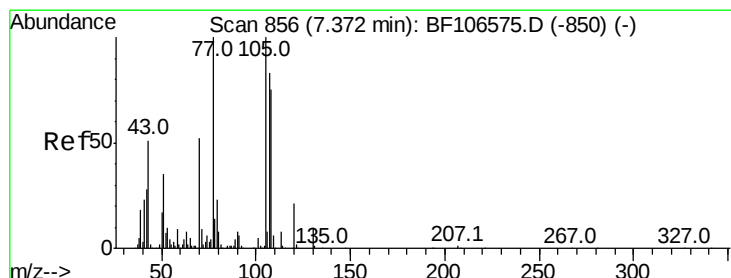
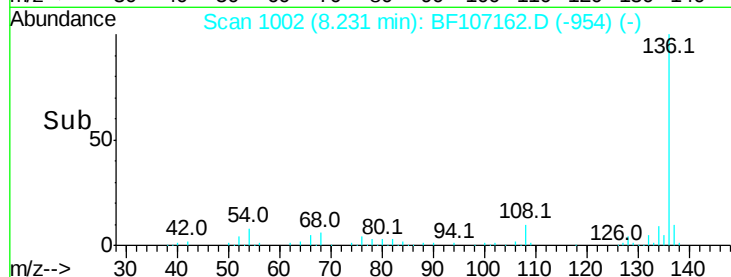
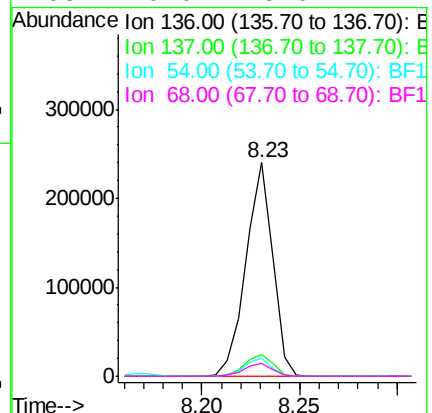
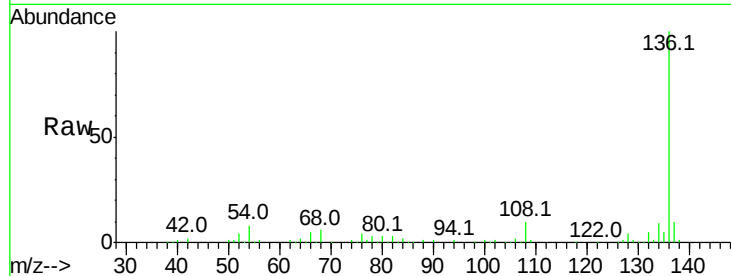
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Instrument :
BNA_F
ClientSampleId :
PB110854BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.4	8.9	13.3	
54	8.1	6.6	9.8	
68	6.0	5.0	7.4	

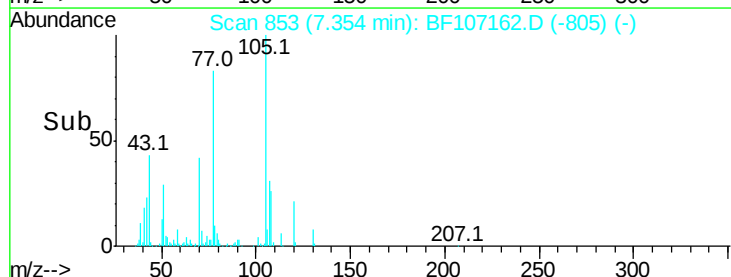
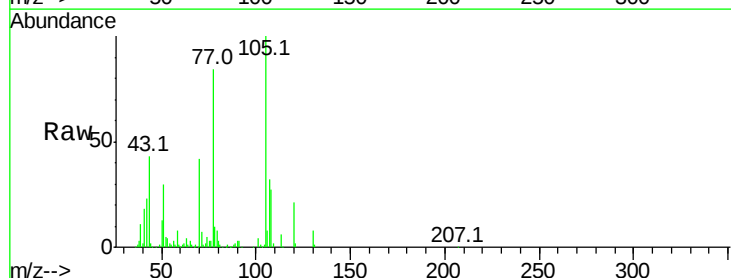
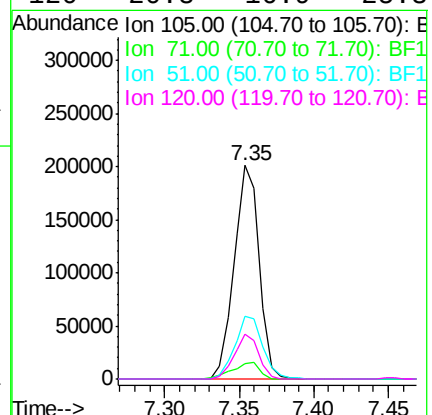
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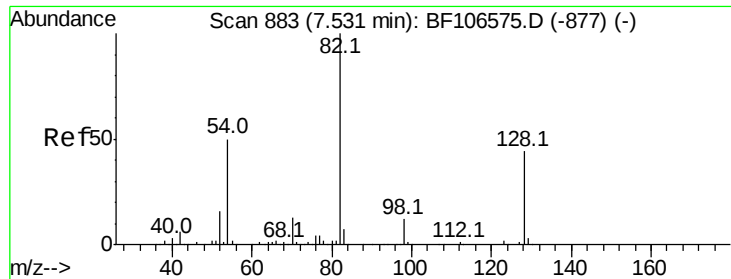
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#22
Acetophenone
Concen: 46.346 ng
RT: 7.35 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.3	4.4	6.6#	
51	29.5	22.3	33.5	
120	20.8	16.9	25.3	





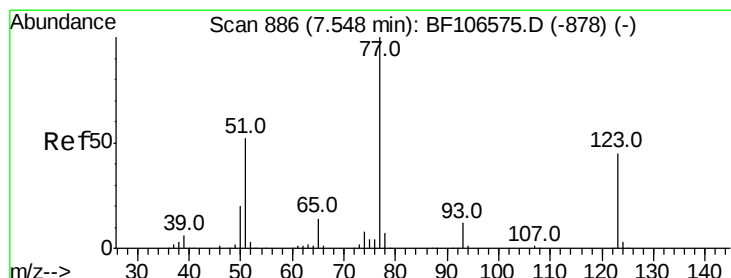
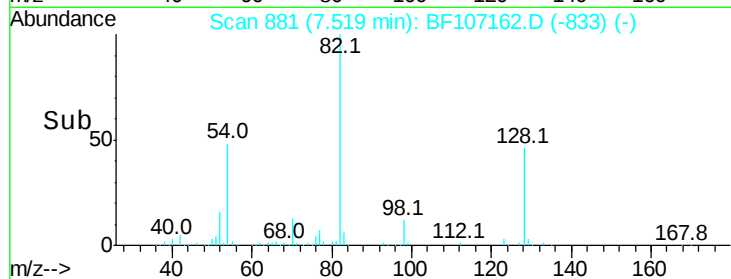
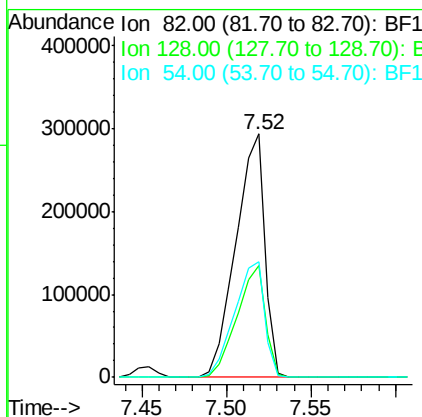
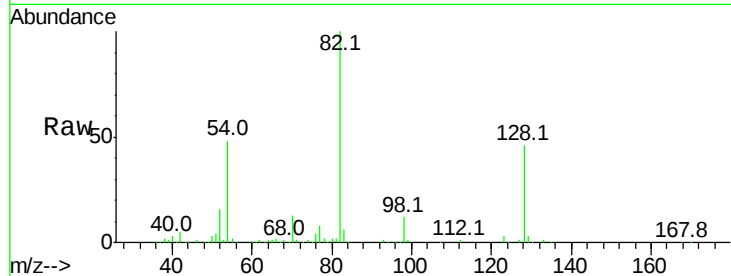
#23
Nitrobenzene-d5
Concen: 85.604 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Instrument :
BNA_F
ClientSampleId :
PB110854BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	352093		
128	45.8	36.1	54.1	
54	47.7	41.4	62.2	

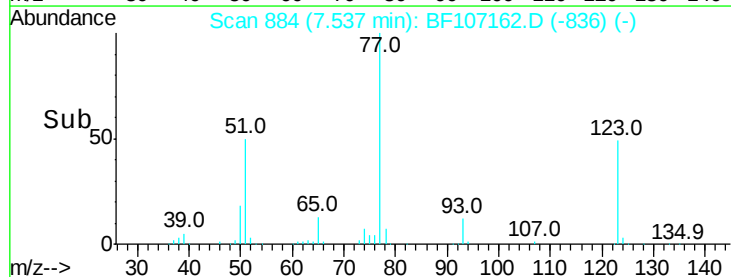
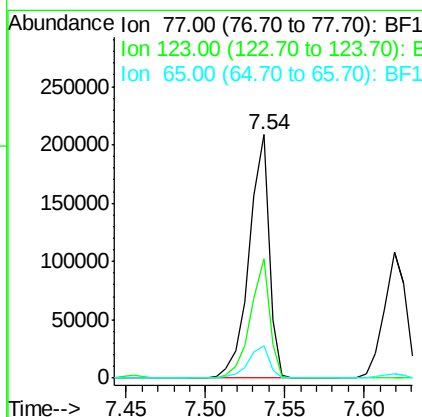
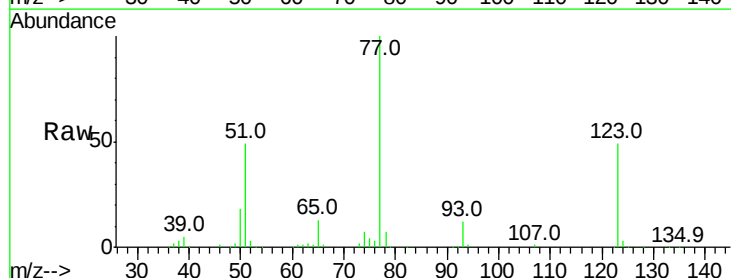
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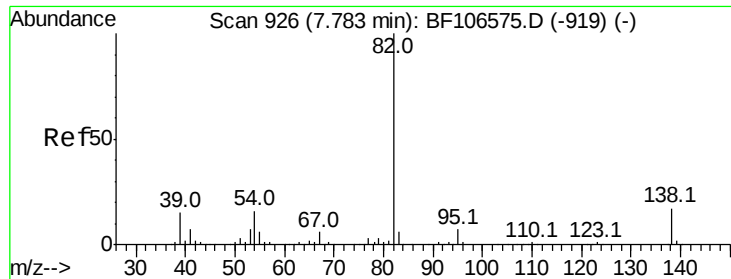
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#24
Nitrobenzene
Concen: 43.505 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	182689		
123	49.2	37.9	56.9	
65	13.2	11.0	16.4	





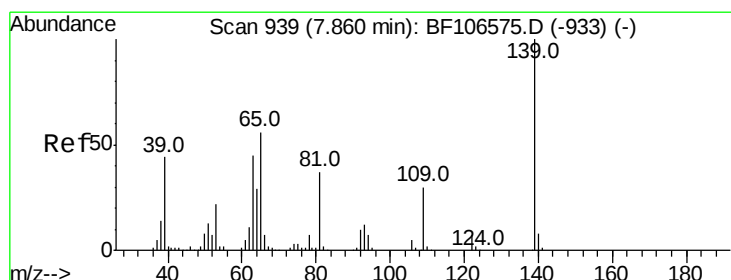
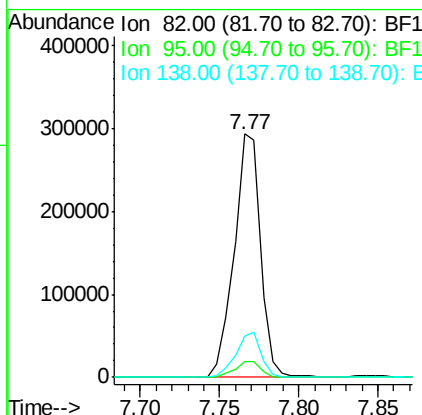
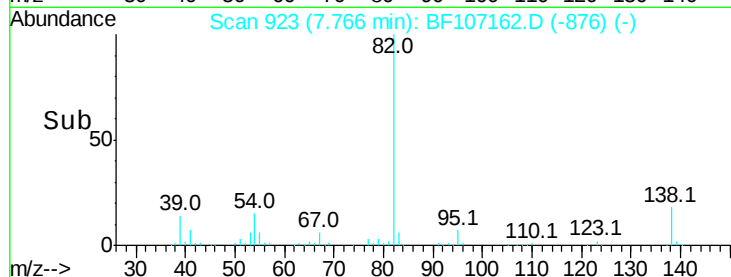
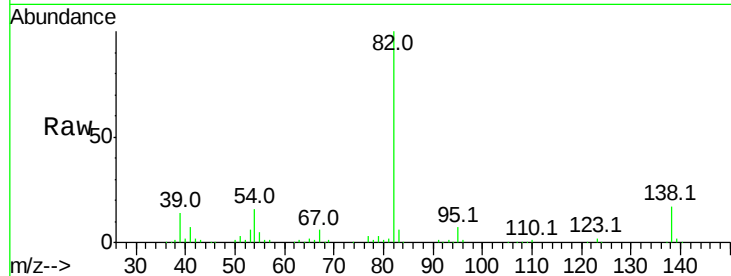
#25
Isophorone
Concen: 46.874 ng
RT: 7.77 min Scan# 923
Delta R.T. -0.02 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Instrument :
BNA_F
ClientSampleId :
PB110854BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	339736		
95	6.6		5.2	7.8
138	17.2		14.9	22.3

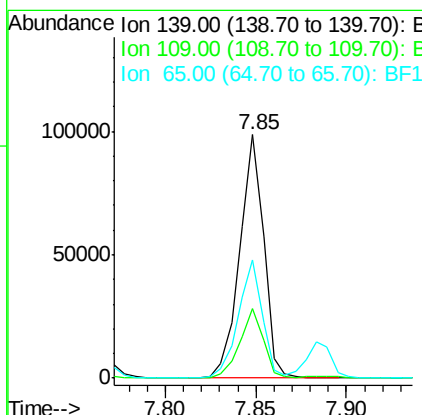
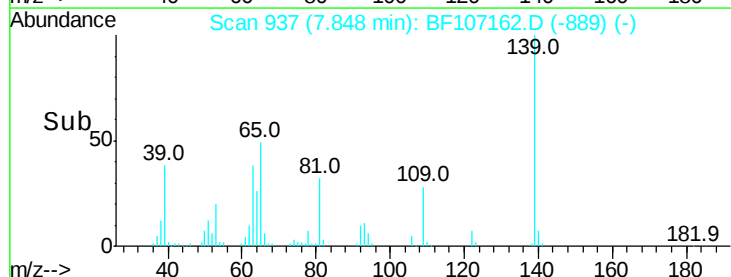
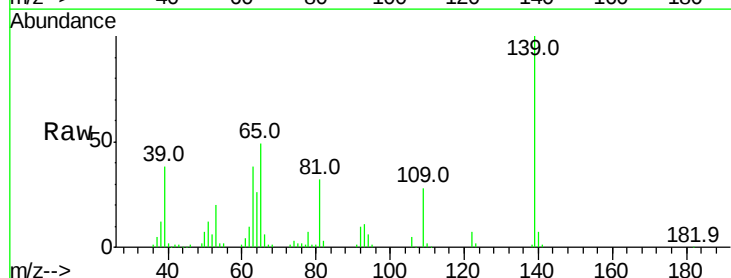
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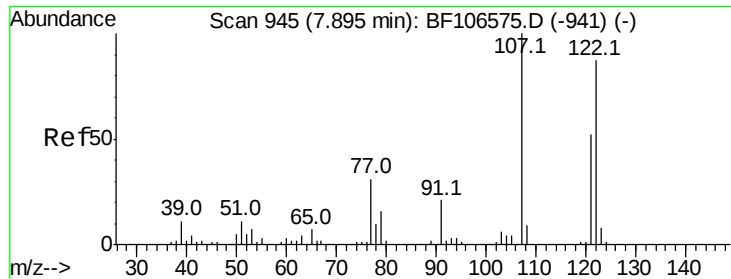
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7/6/2018 11:38:09 AM



#26
2-Nitrophenol
Concen: 45.652 ng
RT: 7.85 min Scan# 937
Delta R.T. -0.02 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	90498		
109	28.5		22.7	34.1
65	48.7		40.5	60.7





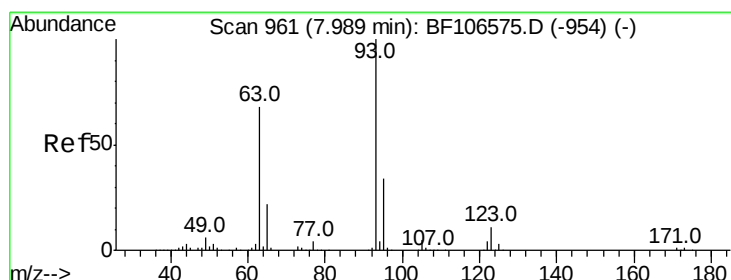
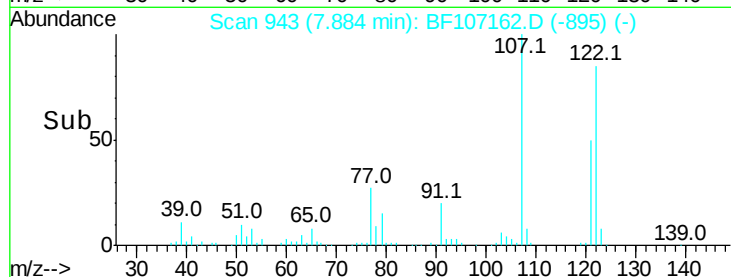
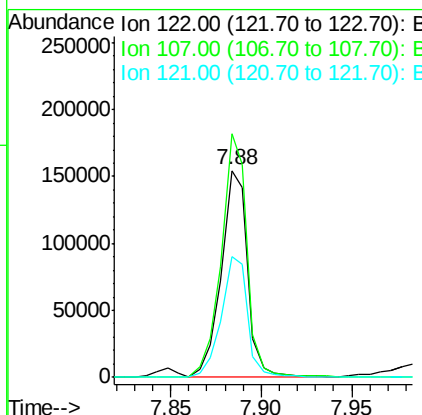
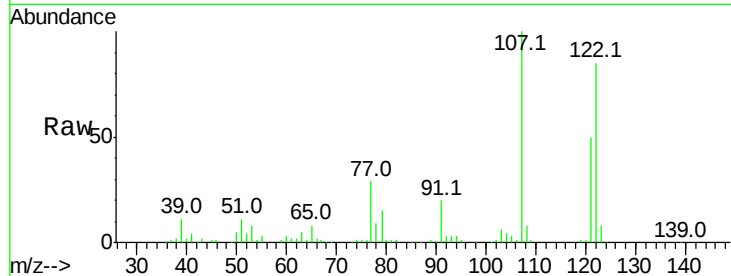
#27
2,4-Dimethylphenol
Concen: 51.046 ng
RT: 7.88 min Scan# 943
Delta R.T. -0.02 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Instrument :
BNA_F
ClientSampleId :
PB110854BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	156406		
107	117.7	91.2	136.8	
121	58.3	47.2	70.8	

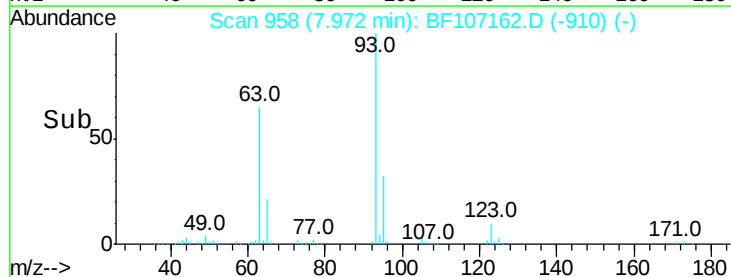
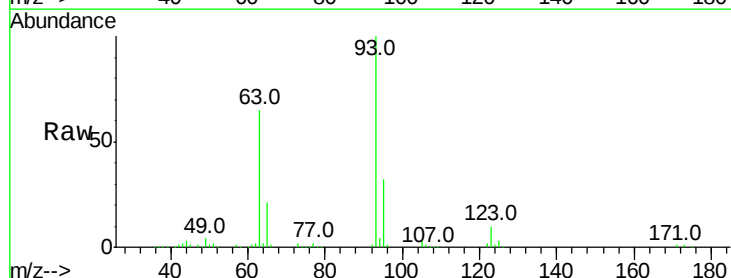
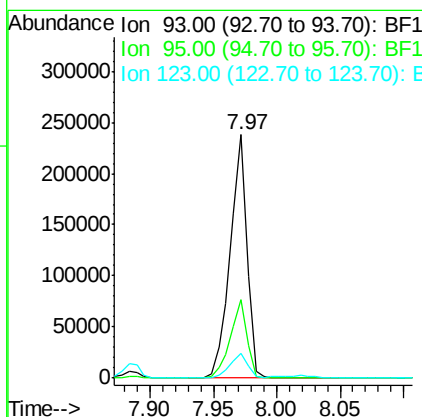
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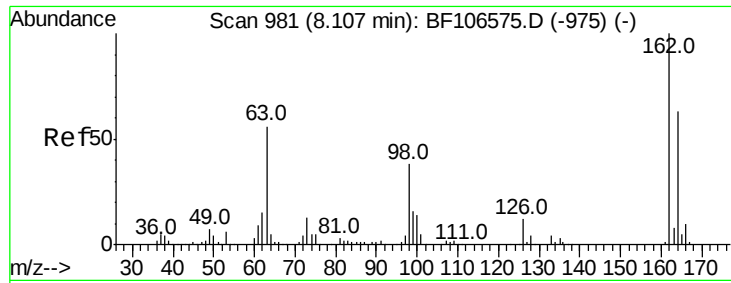
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#28
bis(2-Chloroethoxy)methane
Concen: 44.953 ng
RT: 7.97 min Scan# 958
Delta R.T. -0.02 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	218757		
95	32.5	26.3	39.5	
123	10.4	9.8	14.6	





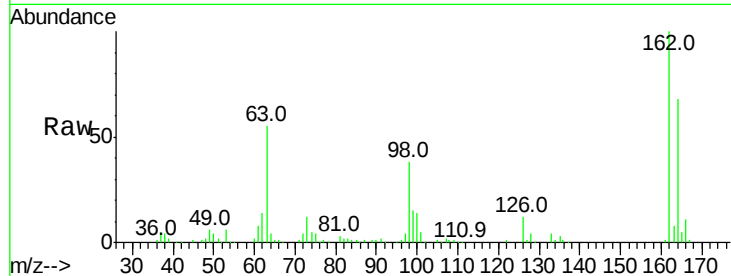
#29
2,4-Dichlorophenol
Concen: 48.112 ng
RT: 8.10 min Scan# 979
Delta R.T. -0.02 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Instrument :
BNA_F
ClientSampleId :
PB110854BS

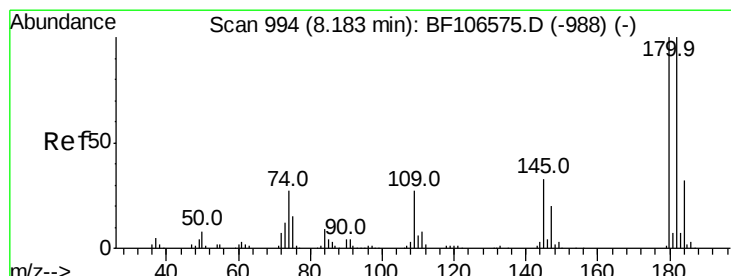
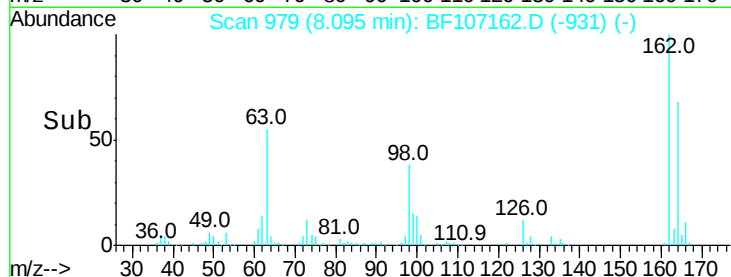
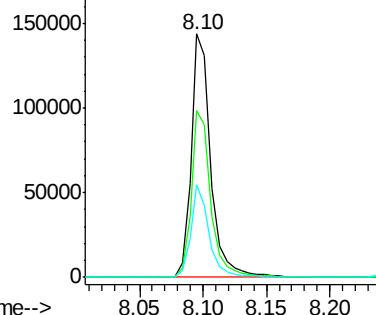
Tot Ion	Ratio	Resp	Lower	Upper
162	100	154333		
164	68.5	42.7	82.7	
98	37.9	18.1	58.1	

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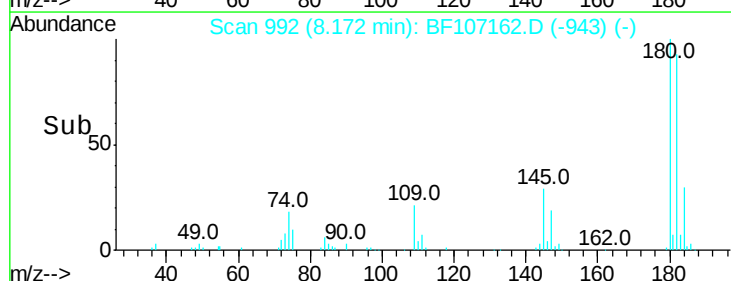
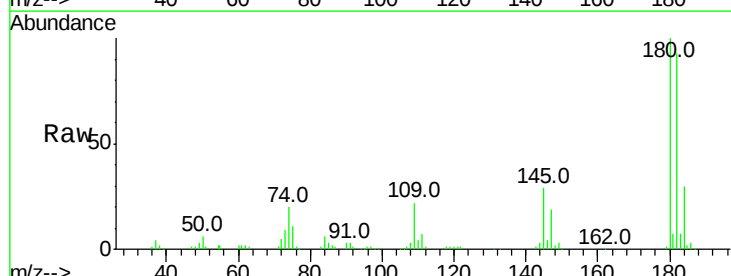
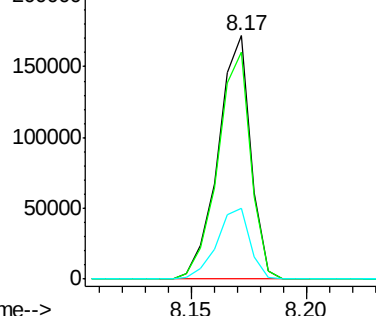
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

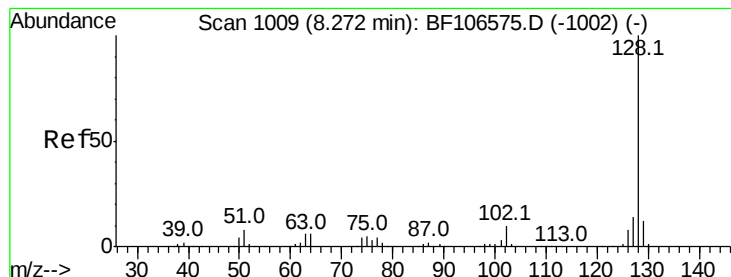


#30
1,2,4-Trichlorobenzene
Concen: 48.026 ng
RT: 8.17 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	169713		
182	93.0	76.8	115.2	
145	29.3	26.5	39.7	

Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 45.675 ng

RT: 8.25 min Scan# 1006

Delta R.T. -0.02 min

Lab File: BF107162.D

Acq: 6 Jul 2018 9:35

Instrument :

BNA_F

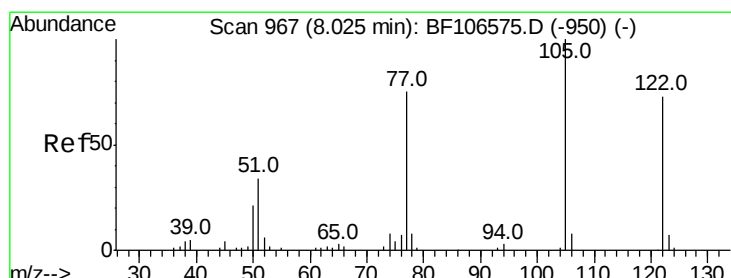
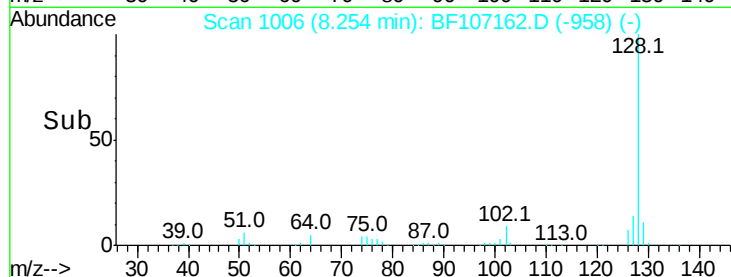
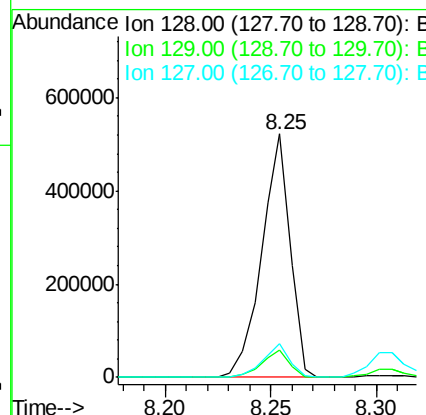
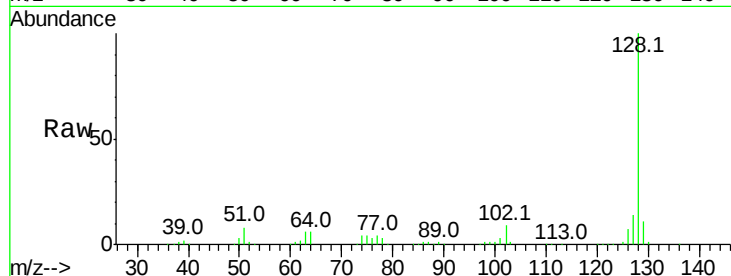
ClientSampleId :

PB110854BS

Tot Ion:	128	Resp:	488113
Ion Ratio		Lower	Upper
128	100		
129	11.5	8.8	13.2
127	13.8	10.9	16.3

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#32

Benzoic acid

Concen: 36.239 ng

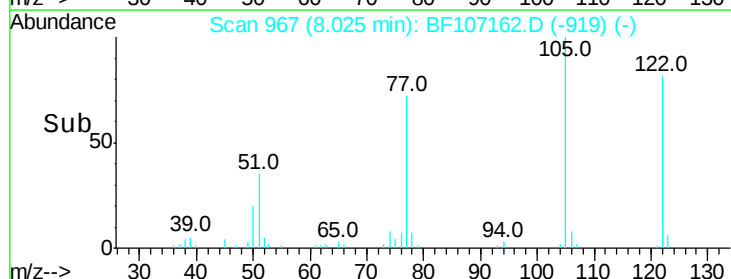
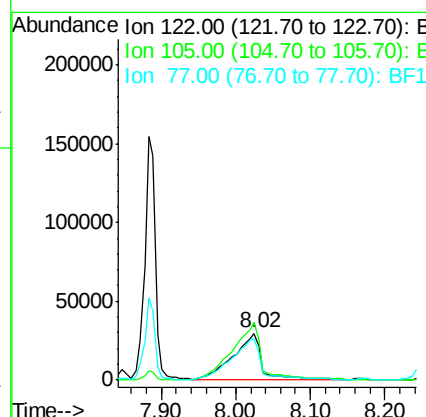
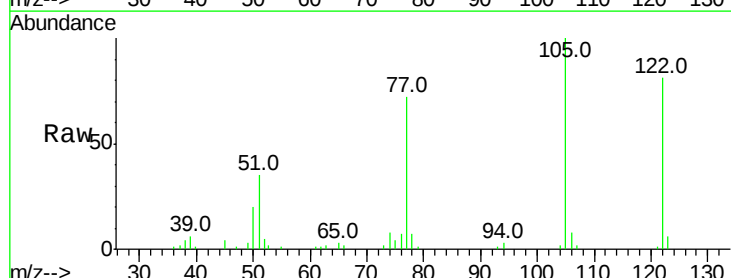
RT: 8.02 min Scan# 967

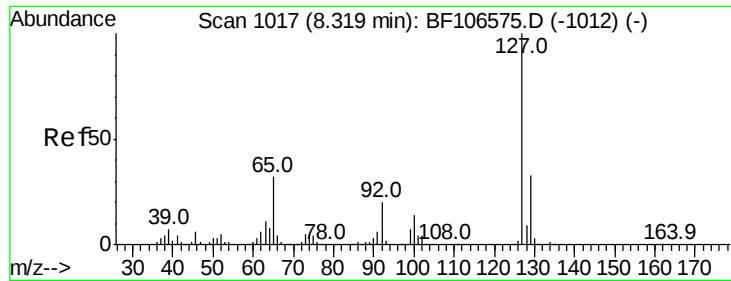
Delta R.T. -0.02 min

Lab File: BF107162.D

Acq: 6 Jul 2018 9:35

Tgt Ion:	122	Resp:	77213
Ion Ratio		Lower	Upper
122	100		
105	123.9	101.1	141.1
77	89.4	70.7	110.7





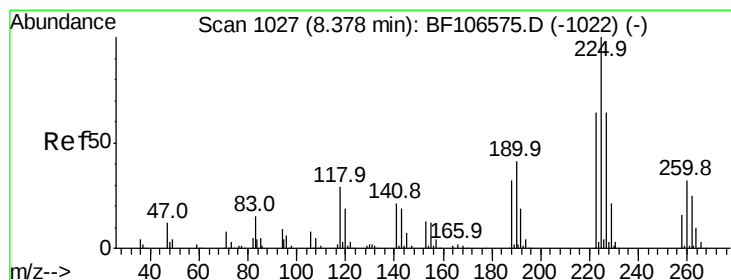
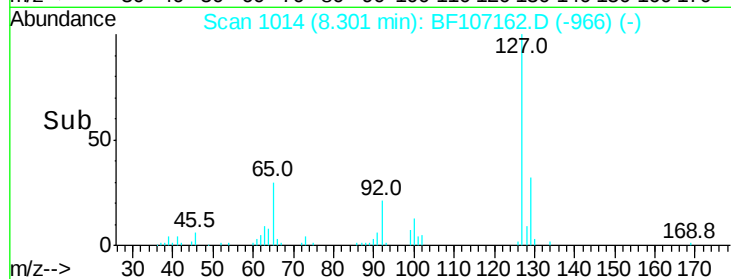
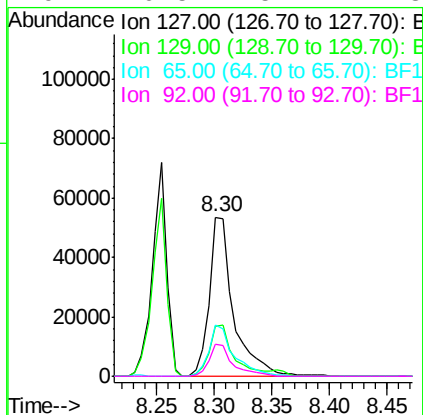
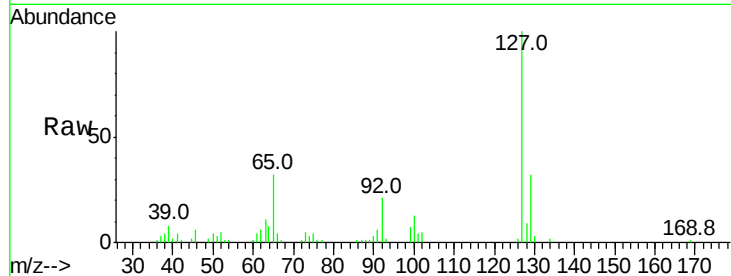
#33
 4-Chloroaniline
 Concen: 17.489 ng
 RT: 8.30 min Scan# 1014
 Delta R.T. -0.02 min
 Lab File: BF107162.D
 Acq: 6 Jul 2018 9:35

Instrument :
 BNA_F
 ClientSampleId :
 PB110854BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.9	38.9
65	32.4	25.0	37.4
92	20.5	15.2	22.8

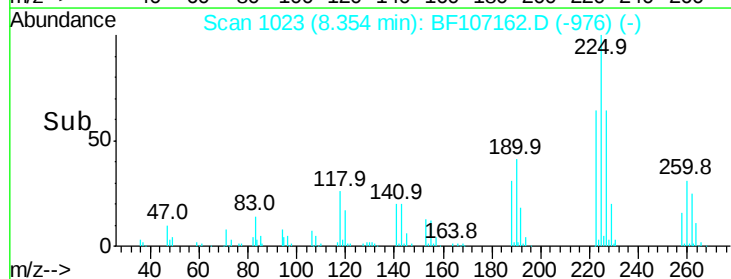
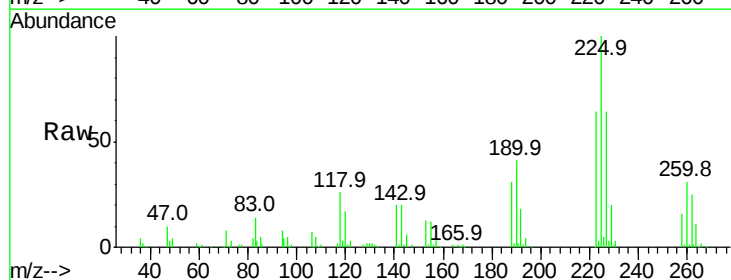
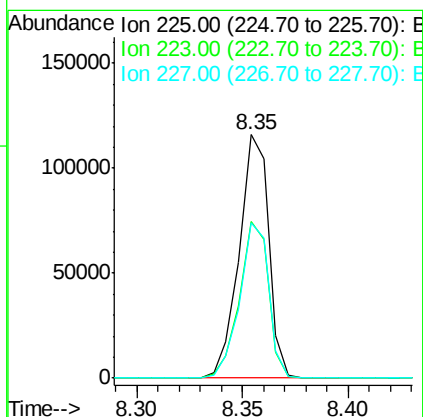
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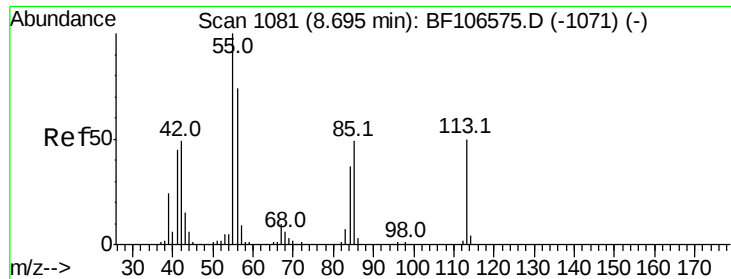
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#34
 Hexachlorobutadiene
 Concen: 48.661 ng
 RT: 8.35 min Scan# 1023
 Delta R.T. -0.02 min
 Lab File: BF107162.D
 Acq: 6 Jul 2018 9:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.6	76.0
227	64.0	51.9	77.9





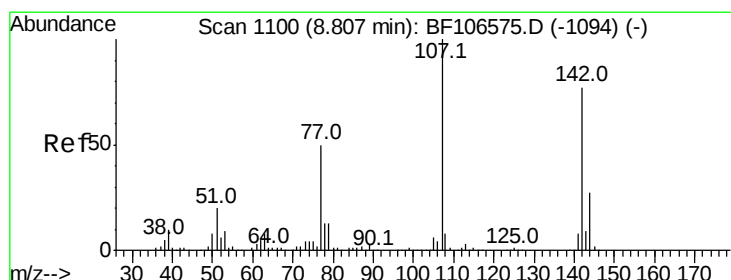
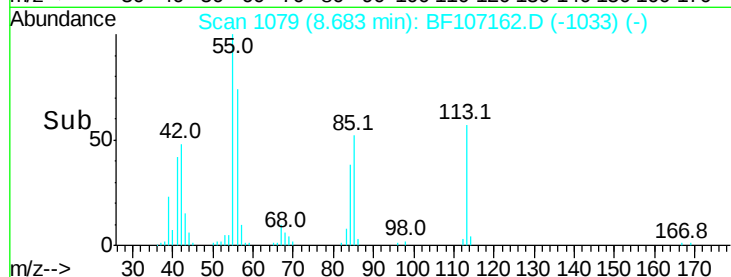
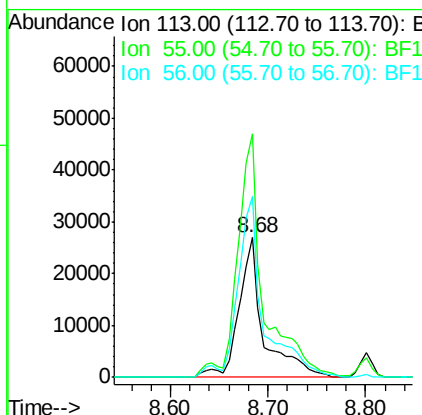
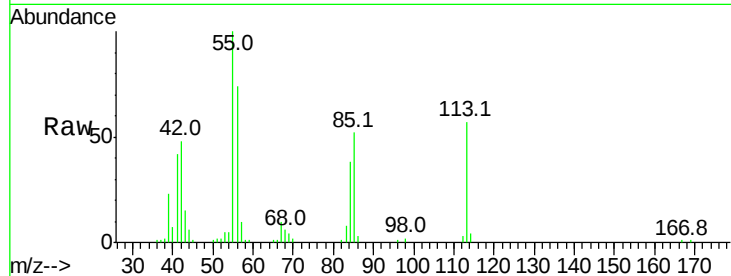
#35
 Caprolactam
 Concen: 45.310 ng
 RT: 8.68 min Scan# 1079
 Delta R.T. -0.03 min
 Lab File: BF107162.D
 Acq: 6 Jul 2018 9:35

Instrument :
 BNA_F
 ClientSampled :
 PB110854BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	174.0	163.3	203.3
56	129.0	115.7	155.7

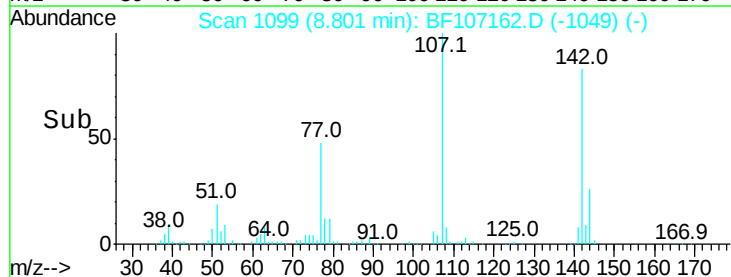
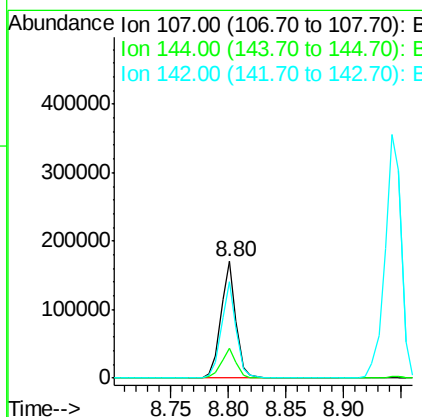
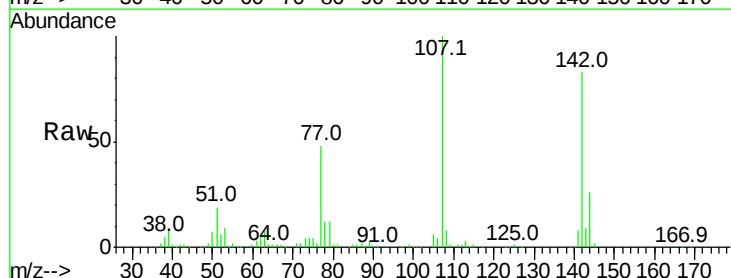
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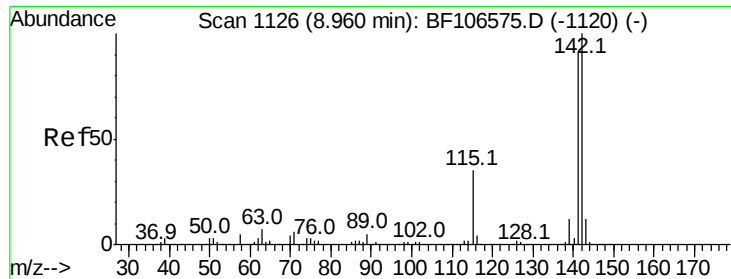
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#36
 4-Chloro-3-methylphenol
 Concen: 45.552 ng
 RT: 8.80 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BF107162.D
 Acq: 6 Jul 2018 9:35

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.9	20.5	30.7
142	82.6	62.0	93.0





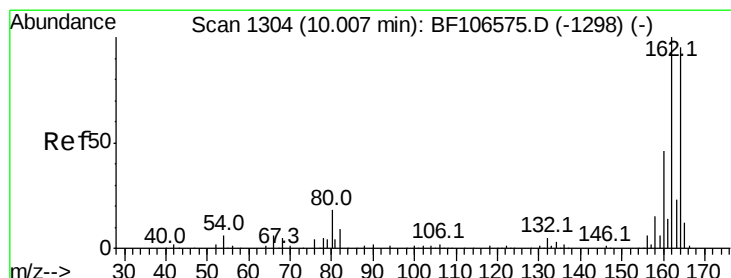
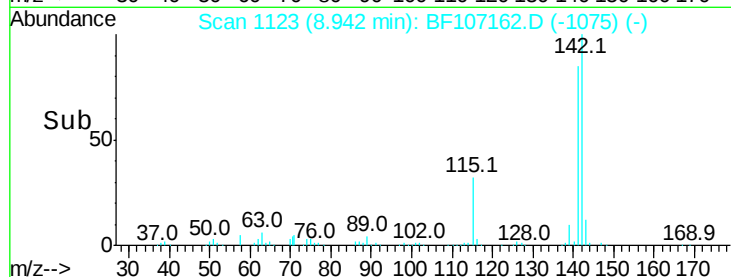
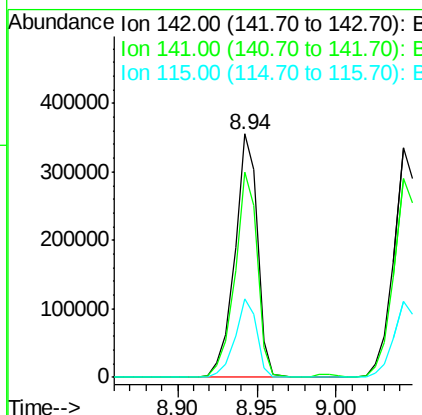
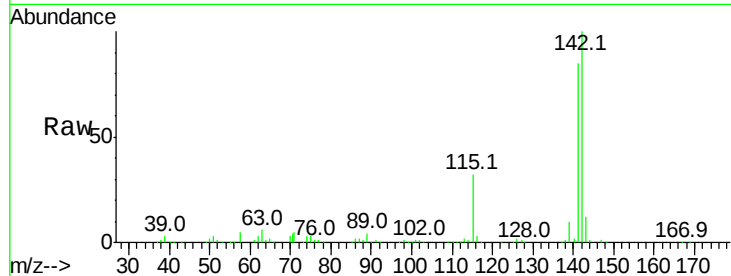
#37
2-Methylnaphthalene
Concen: 49.717 ng
RT: 8.94 min Scan# 1123
Delta R.T. -0.02 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Instrument :
BNA_F
ClientSampleId :
PB110854BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	84.5	70.8	106.2
115	32.1	26.1	39.1

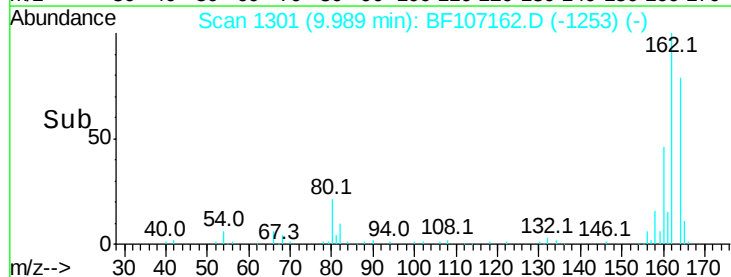
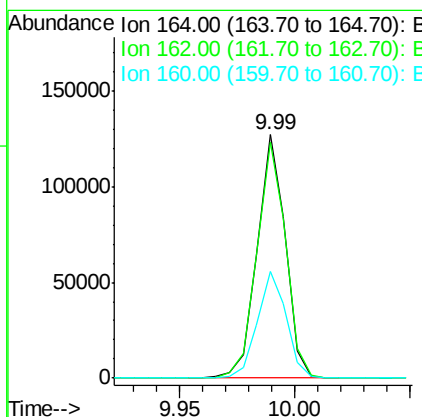
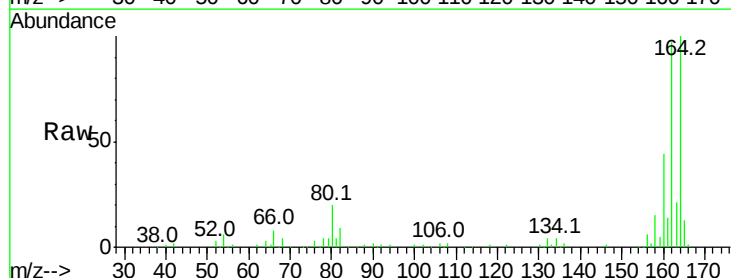
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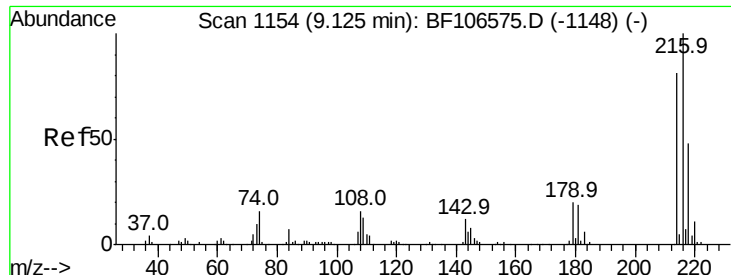
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.8	86.1	129.1
160	44.0	38.3	57.5





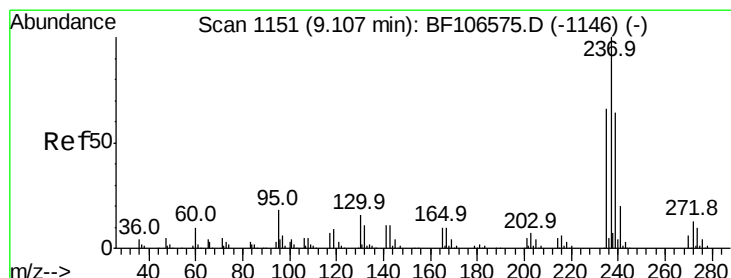
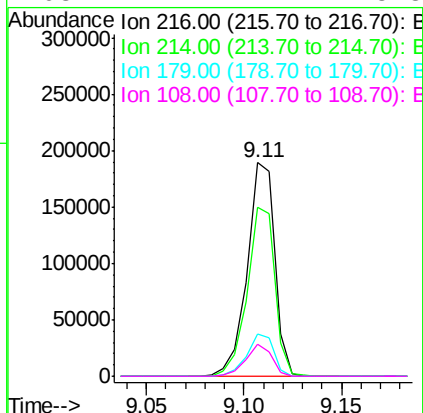
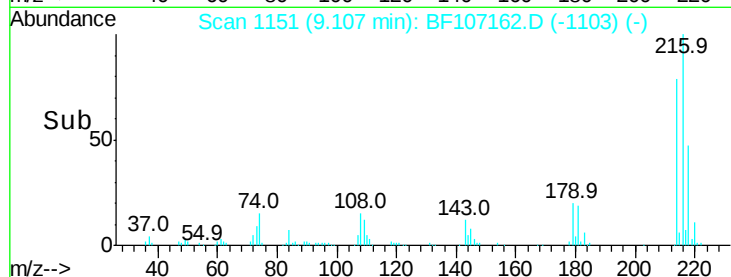
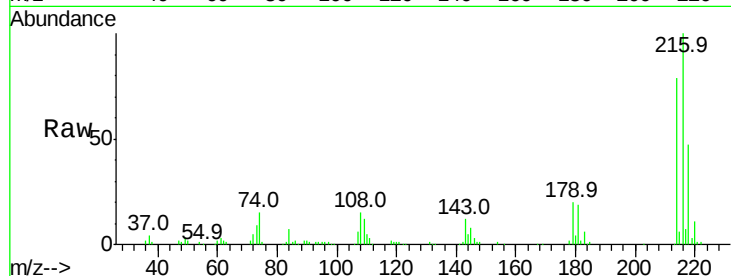
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 50.978 ng
 RT: 9.11 min Scan# 1151
 Delta R.T. -0.02 min
 Lab File: BF107162.D
 Acq: 6 Jul 2018 9:35

Instrument :
 BNA_F
 ClientSampleId :
 PB110854BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.3	63.0	94.4
179	19.5	18.1	27.1
108	14.1	17.2	25.8

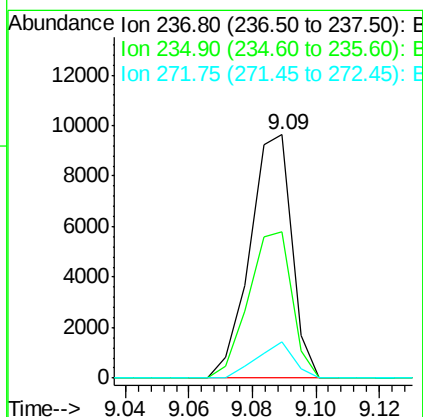
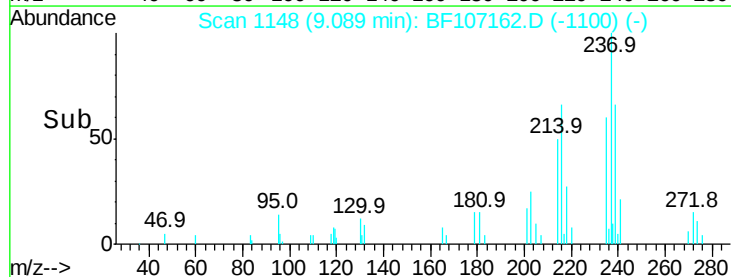
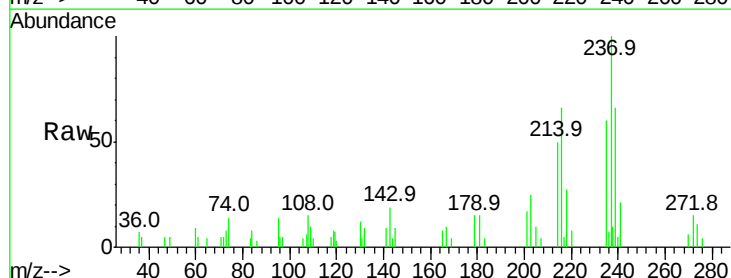
Manual Integrations
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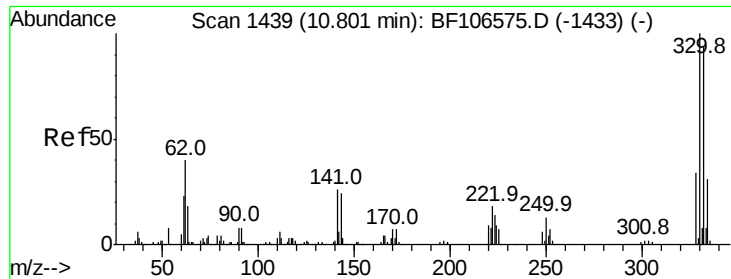
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#40
 Hexachlorocyclopentadiene
 Concen: 4.717 ng
 RT: 9.09 min Scan# 1148
 Delta R.T. -0.02 min
 Lab File: BF107162.D
 Acq: 6 Jul 2018 9:35

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	60.1	44.8	84.8
272	15.0	0.0	33.3





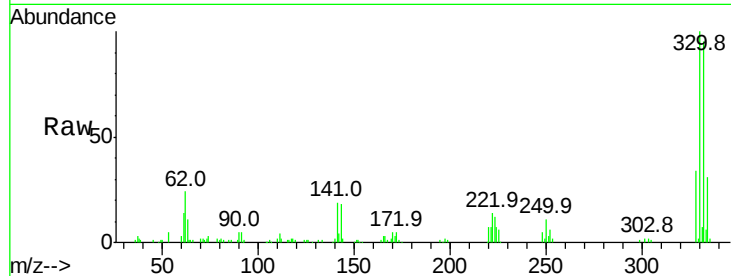
#41
 2,4,6-Tribromophenol
 Concen: 83.018 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107162.D
 Acq: 6 Jul 2018 9:35

Instrument :
 BNA_F
 ClientSampled :
 PB110854BS

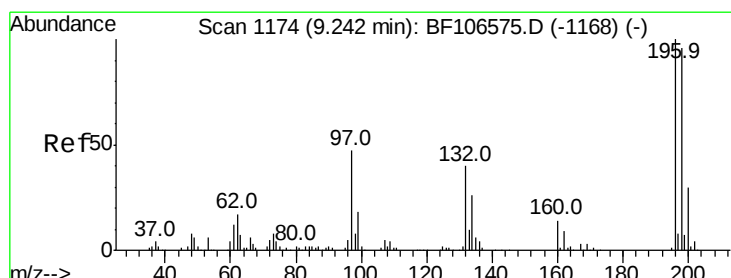
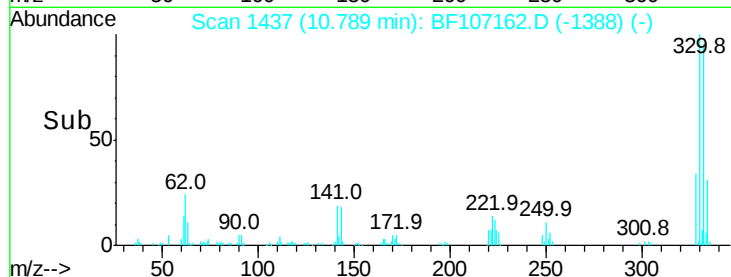
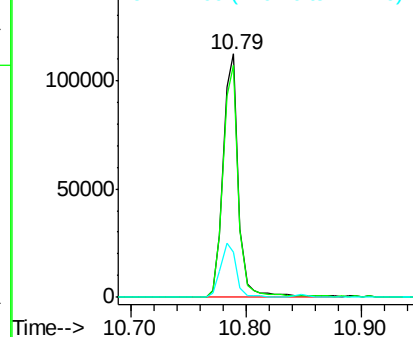
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.3	77.0	115.6	
141	22.7	29.9	44.9	

Manual Integrations
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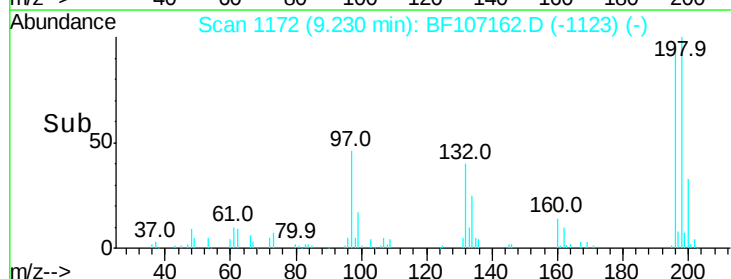
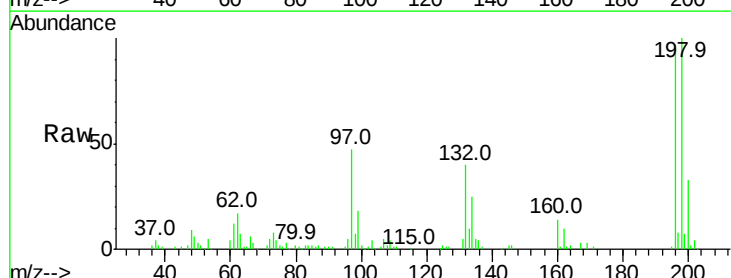
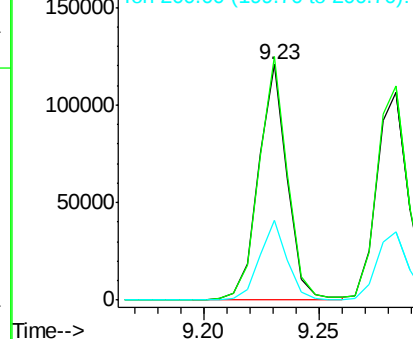
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

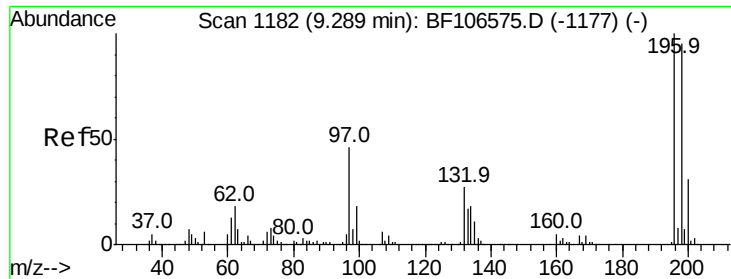


#42
 2,4,6-Trichlorophenol
 Concen: 43.451 ng
 RT: 9.23 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF107162.D
 Acq: 6 Jul 2018 9:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	103.3	75.7	113.5	
200	33.8	24.5	36.7	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





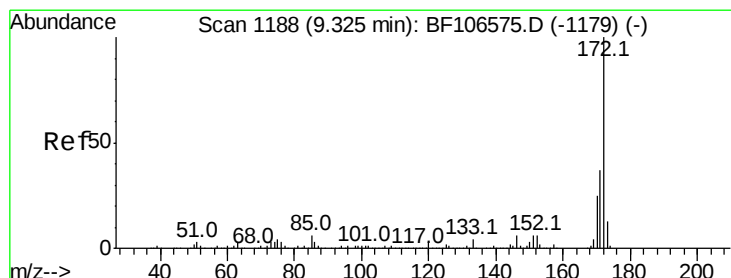
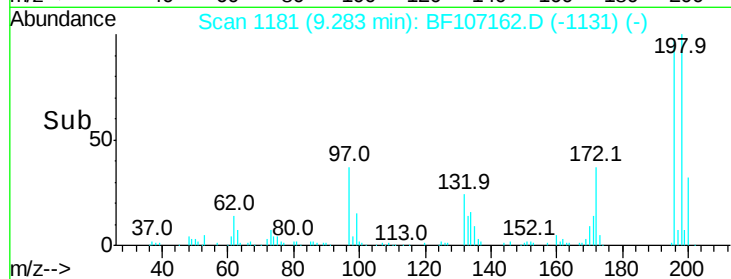
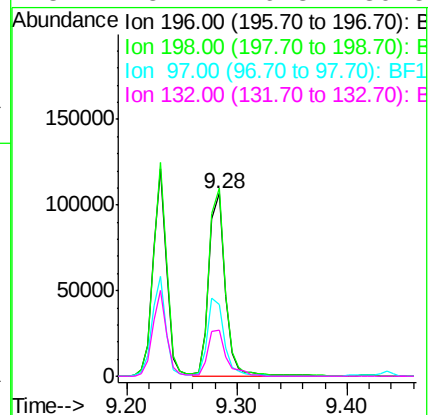
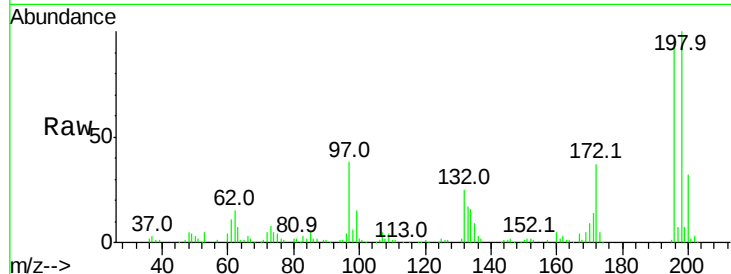
#43
 2,4,5-Trichlorophenol
 Concen: 42.305 ng
 RT: 9.28 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF107162.D
 Acq: 6 Jul 2018 9:35

Instrument :
 BNA_F
 ClientSampleId :
 PB110854BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	102.9	74.6	112.0	
97	39.3	42.9	64.3	
132	25.4	26.3	39.5	

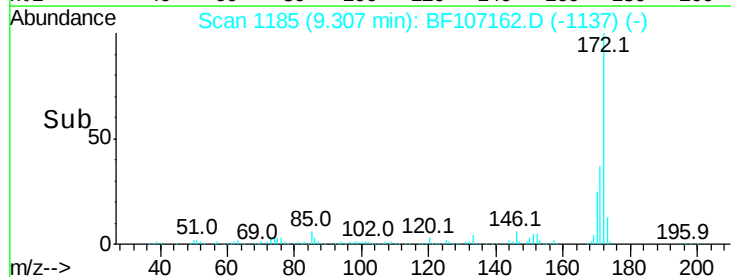
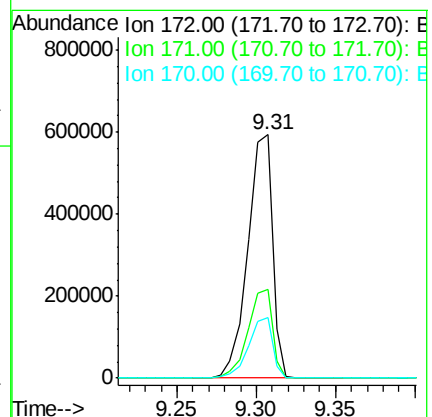
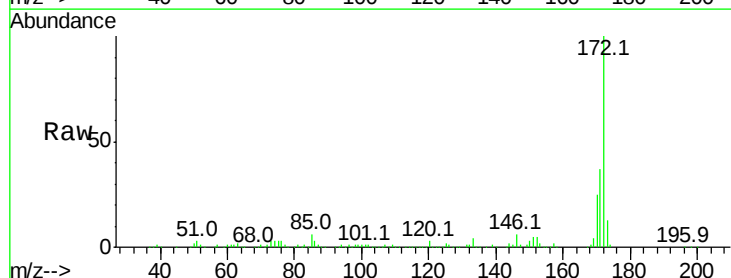
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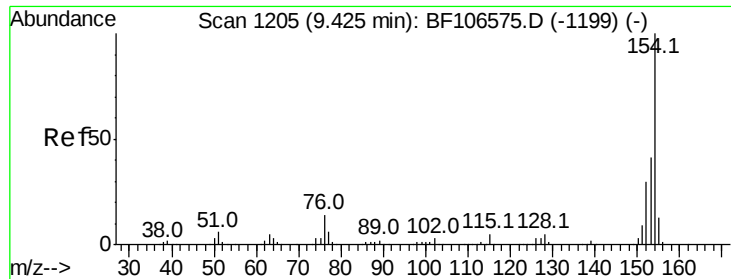
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#44
 2-Fluorobiphenyl
 Concen: 103.417 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF107162.D
 Acq: 6 Jul 2018 9:35

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.6	29.7	44.5	
170	24.7	19.6	29.4	





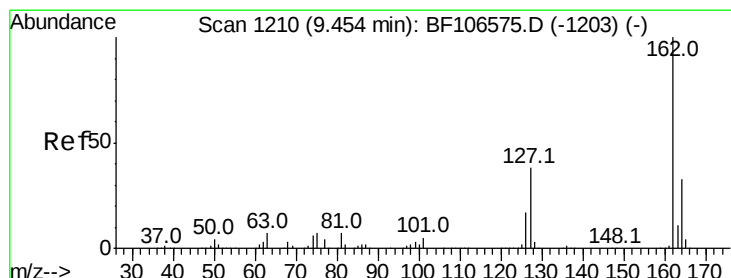
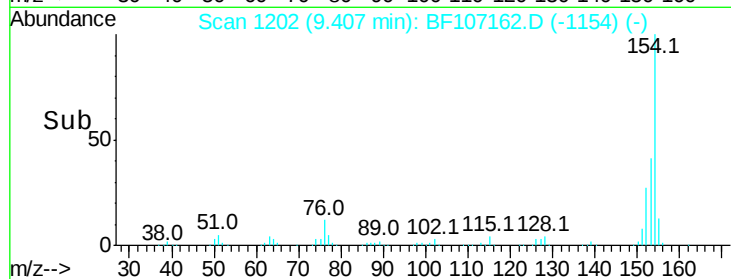
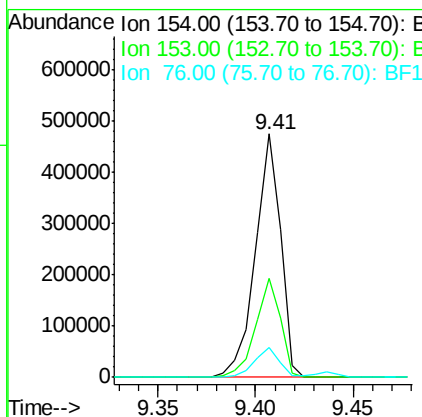
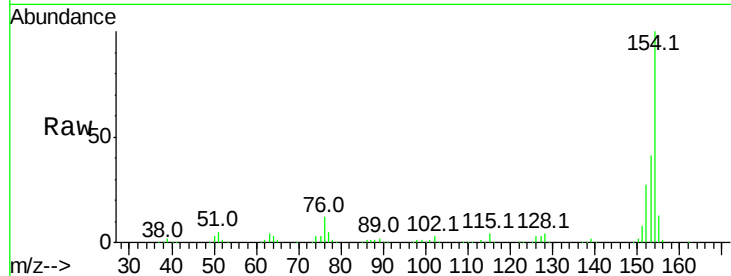
#45
 1,1'-Biphenyl
 Concen: 49.171 ng
 RT: 9.41 min Scan# 1202
 Delta R.T. -0.02 min
 Lab File: BF107162.D
 Acq: 6 Jul 2018 9:35

Instrument :
 BNA_F
 ClientSampleId :
 PB110854BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.3	61.3
76	12.3	0.0	34.0

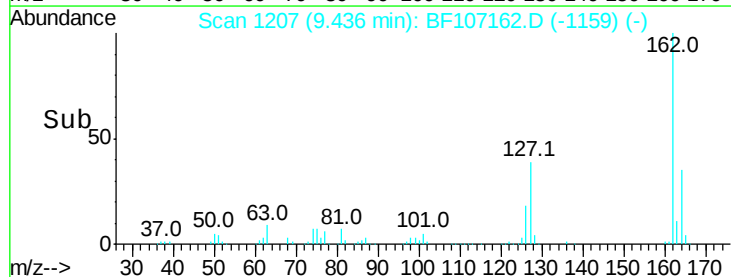
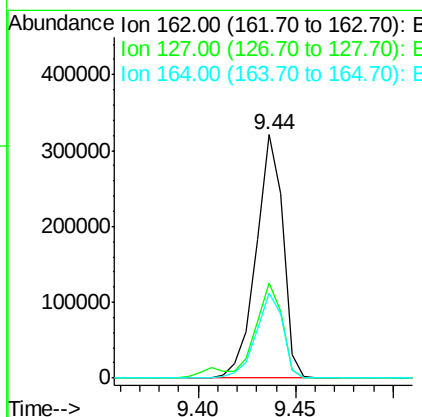
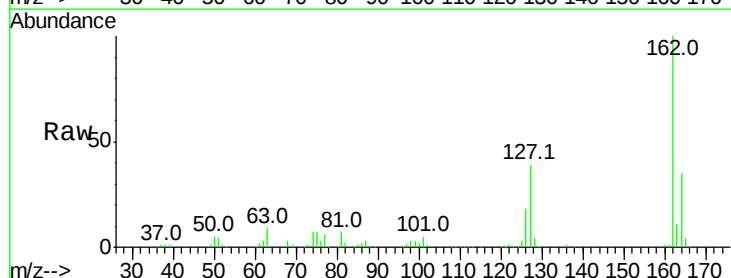
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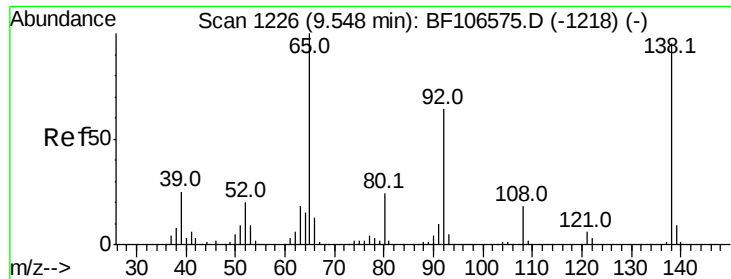
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#46
 2-Chloronaphthalene
 Concen: 44.985 ng
 RT: 9.44 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF107162.D
 Acq: 6 Jul 2018 9:35

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.0	33.9	50.9
164	35.1	26.5	39.7





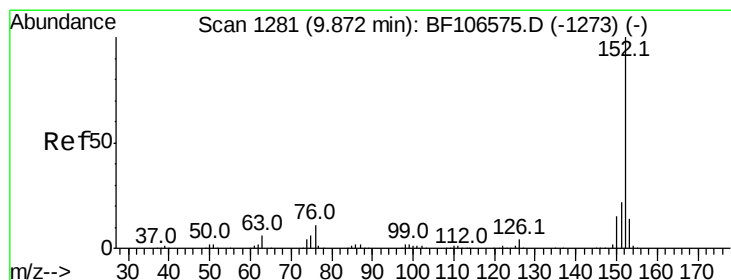
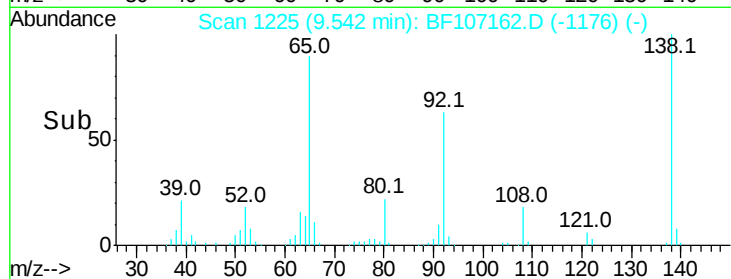
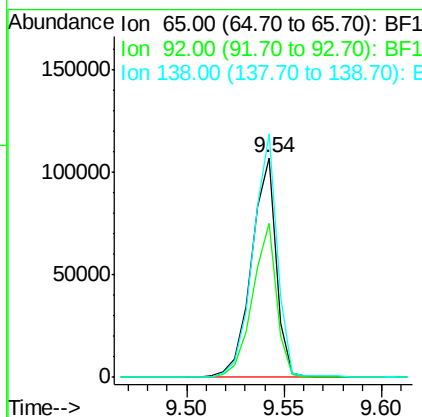
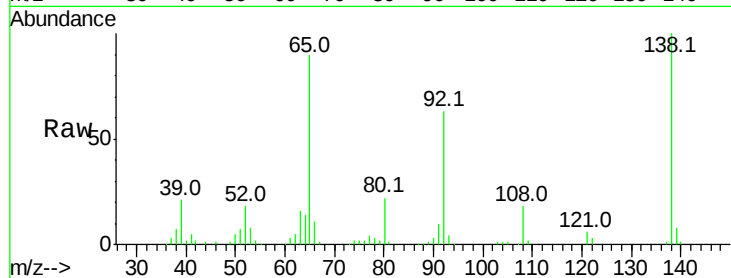
#47
2-Nitroaniline
Concen: 41.373 ng
RT: 9.54 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Instrument :
BNA_F
ClientSampleId :
PB110854BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.2	55.8	83.6
138	110.9	91.2	136.8

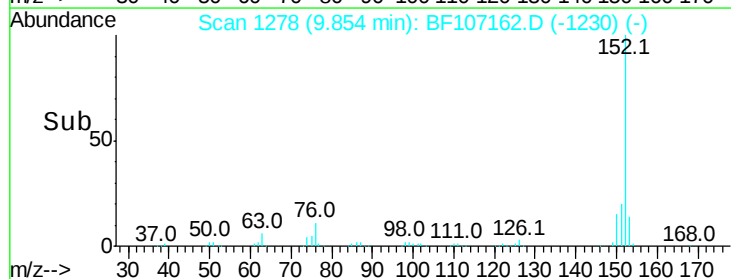
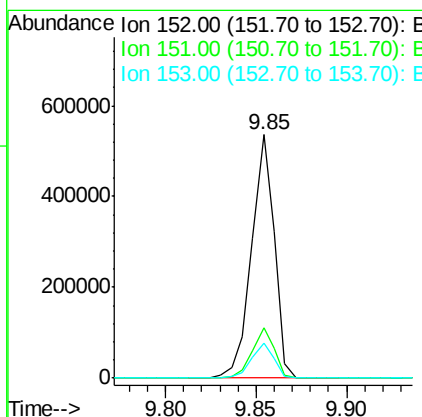
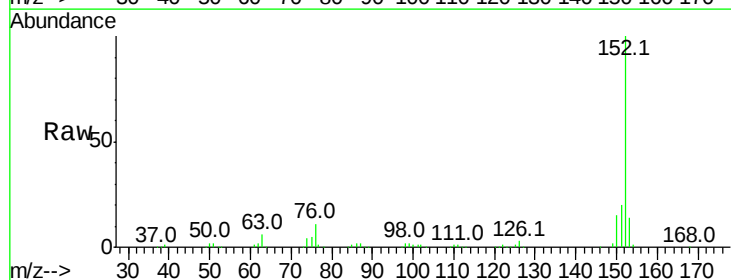
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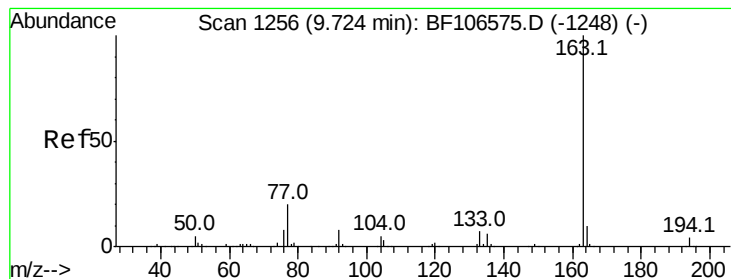
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#48
Acenaphthylene
Concen: 43.610 ng
RT: 9.85 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	14.2	10.7	16.1





#49

Dimethylphthalate

Concen: 45.149 ng

RT: 9.70 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF107162.D

Acq: 6 Jul 2018 9:35

Instrument :

BNA_F

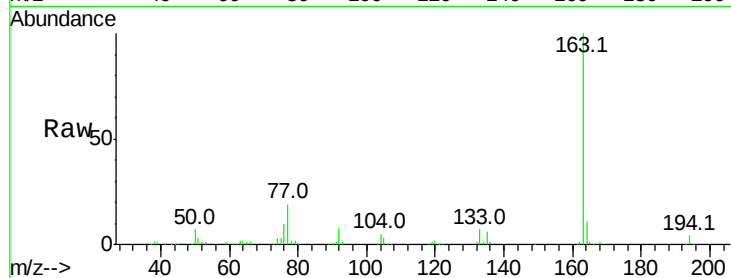
ClientSampleId :

PB110854BS

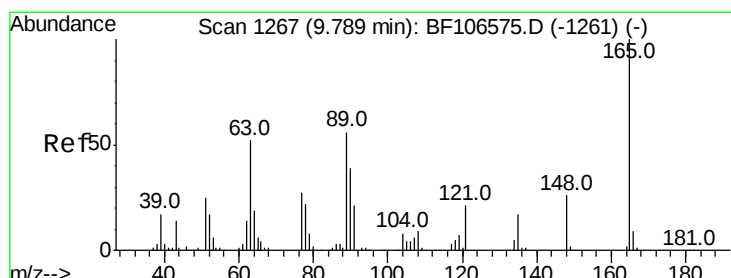
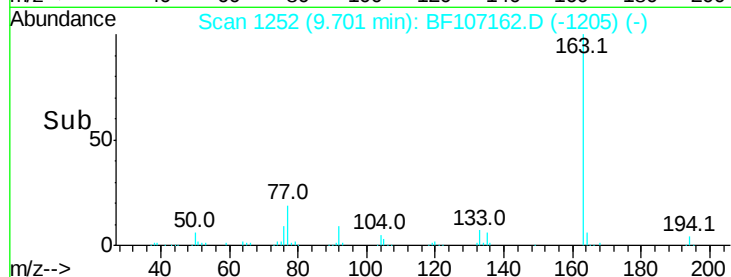
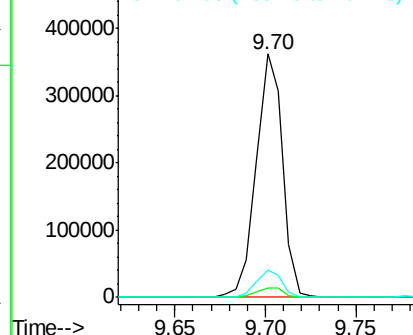
Tot Ion	Ratio	Resp	Lower	Upper
163	100	366198		
194	3.7	2.7	4.1	
164	11.1	8.2	12.2	

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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 46.428 ng

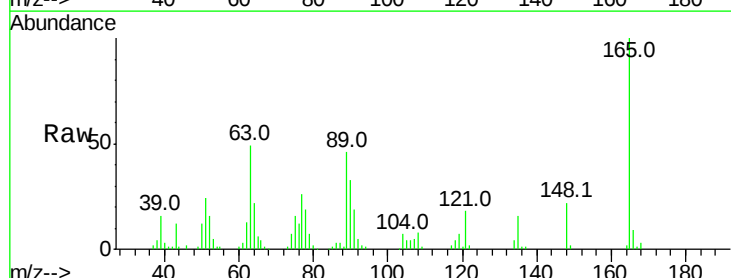
RT: 9.78 min Scan# 1265

Delta R.T. -0.02 min

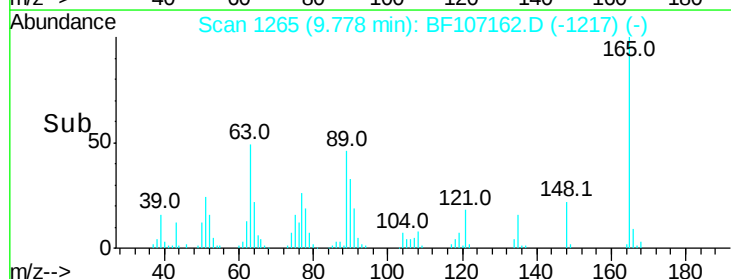
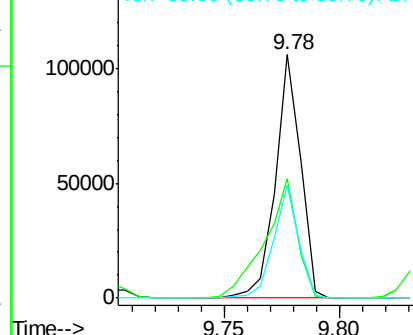
Lab File: BF107162.D

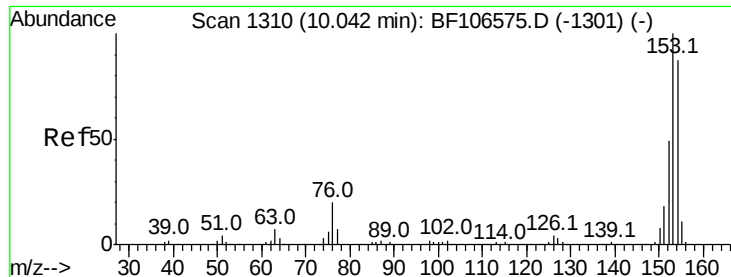
Acq: 6 Jul 2018 9:35

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	79740		
63	49.2	44.7	67.1	
89	46.4	44.0	66.0	



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





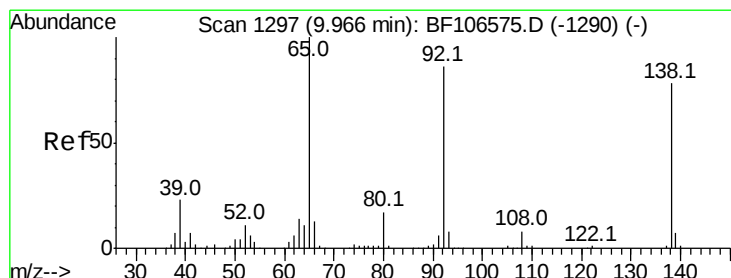
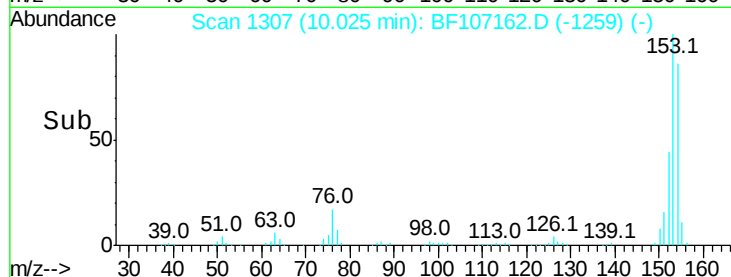
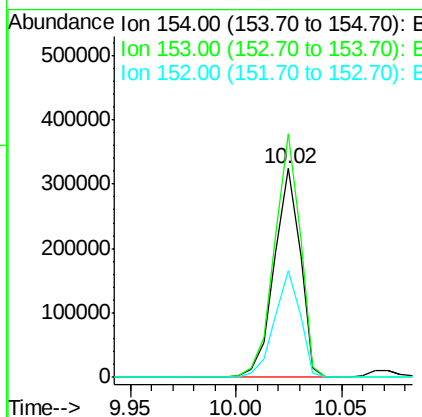
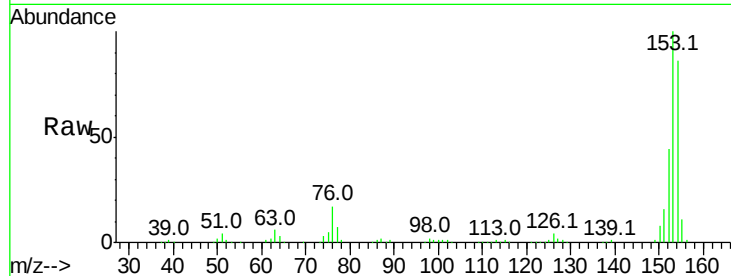
#51
Acenaphthene
Concen: 41.263 ng
RT: 10.02 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Instrument :
BNA_F
ClientSampleId :
PB110854BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	116.7	91.2	136.8
152	50.9	43.8	65.8

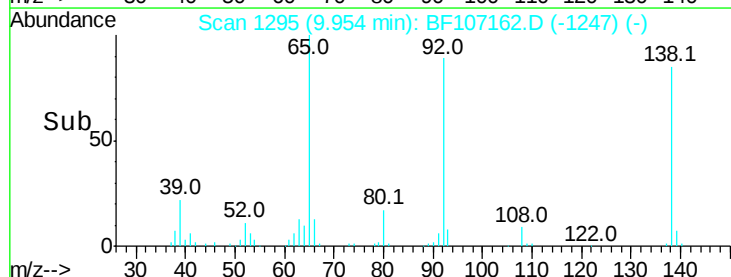
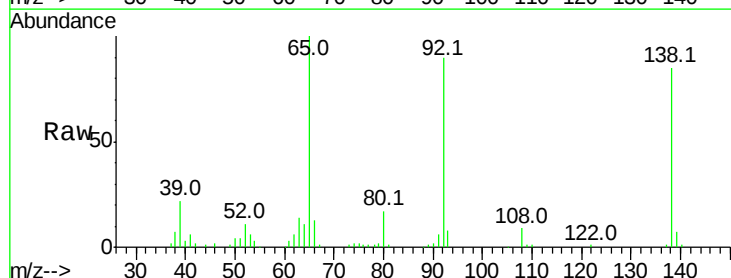
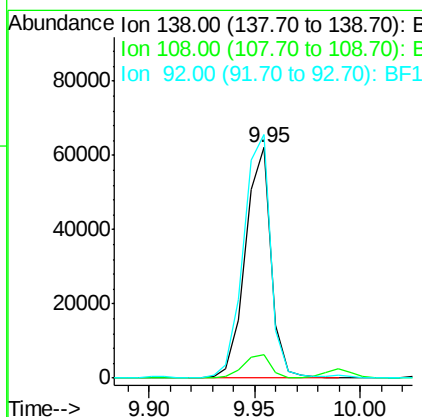
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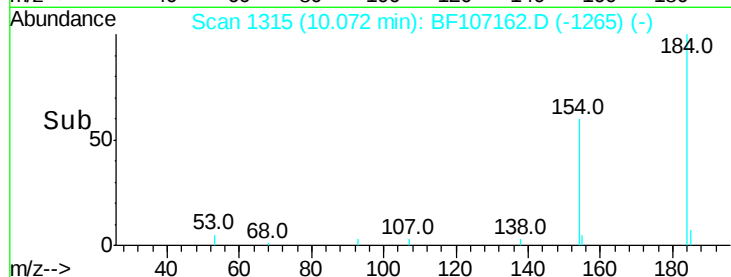
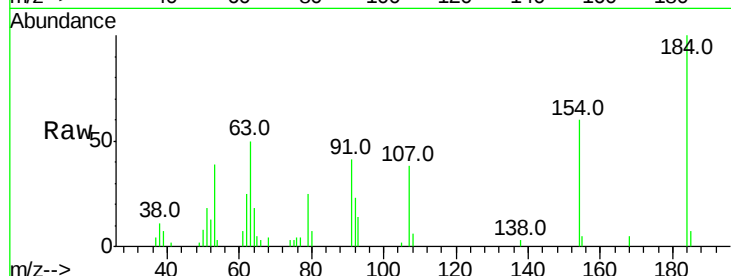
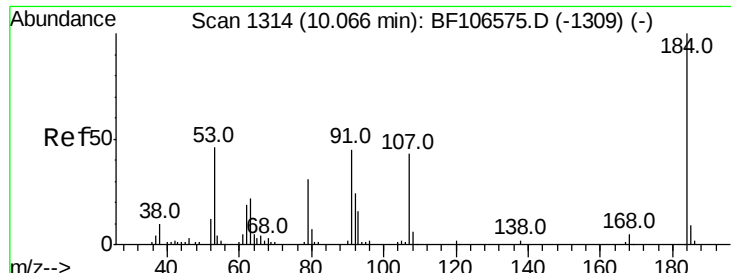
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#52
3-Nitroaniline
Concen: 26.577 ng
RT: 9.95 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.3	9.4	14.0
92	105.6	89.4	134.2





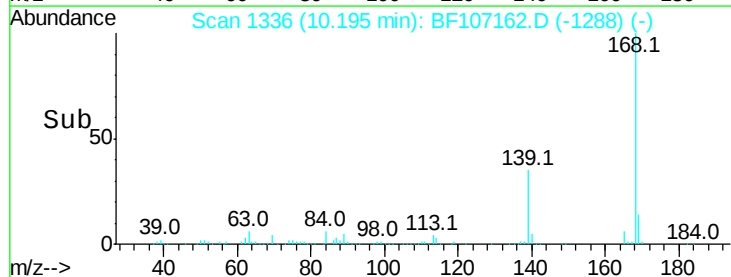
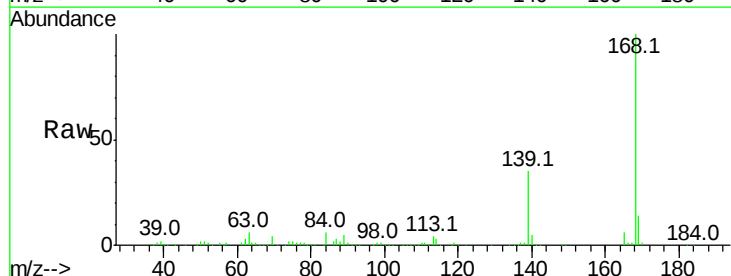
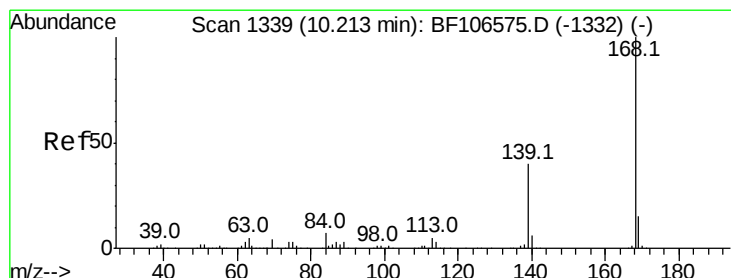
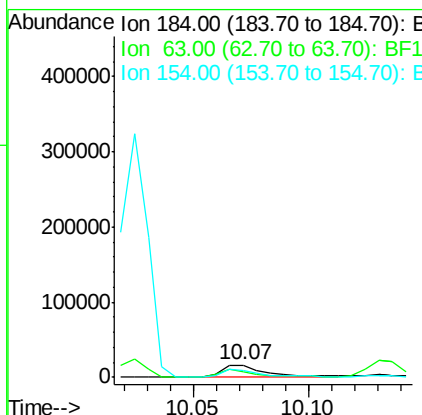
#53
2,4-Dinitrophenol
Concen: 28.305 ng
RT: 10.07 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Instrument :
BNA_F
ClientSampleId :
PB110854BS

Tot Ion:184 Resp: 21965
Ion Ratio Lower Upper
184 100
63 49.6 54.2 81.2#
154 60.1 184.0 276.0#

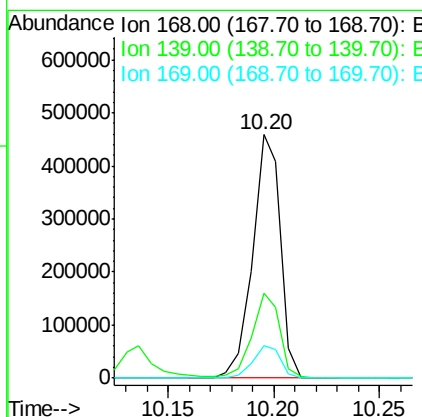
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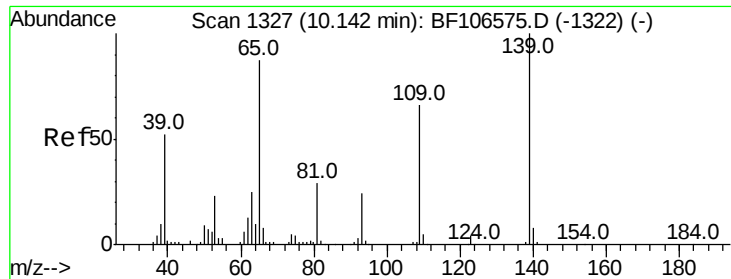
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#54
Dibenzofuran
Concen: 45.267 ng
RT: 10.20 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Tgt Ion:168 Resp: 418057
Ion Ratio Lower Upper
168 100
139 35.1 30.1 45.1
169 13.6 10.9 16.3





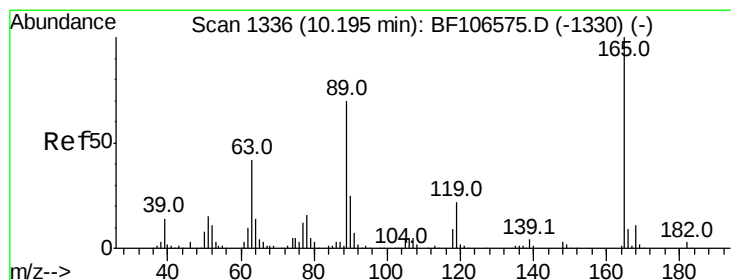
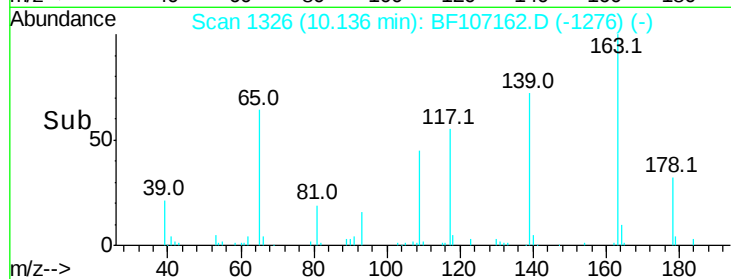
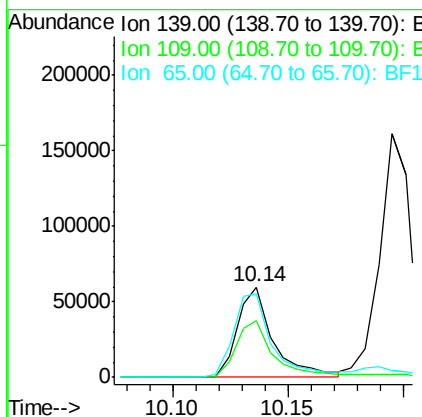
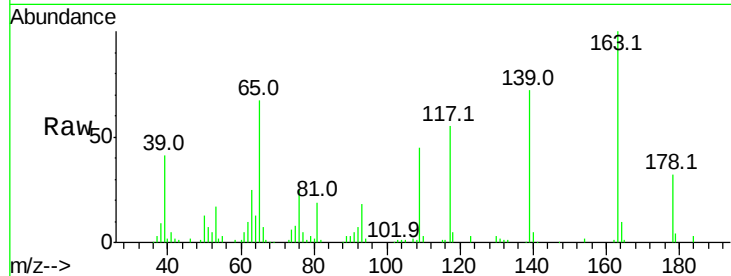
#55
4-Nitrophenol
Concen: 47.277 ng
RT: 10.14 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Instrument :
BNA_F
ClientSampled :
PB110854BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	63.0	48.4	88.4
65	92.3	72.6	112.6

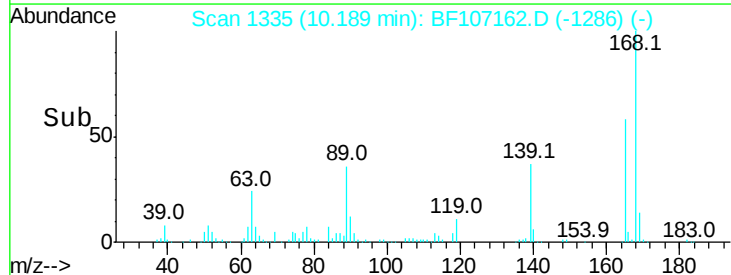
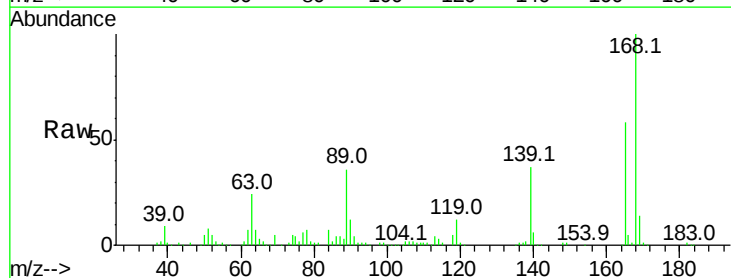
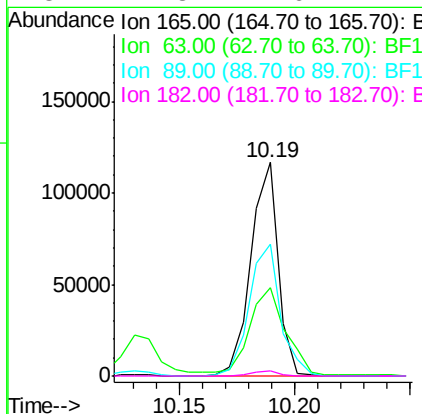
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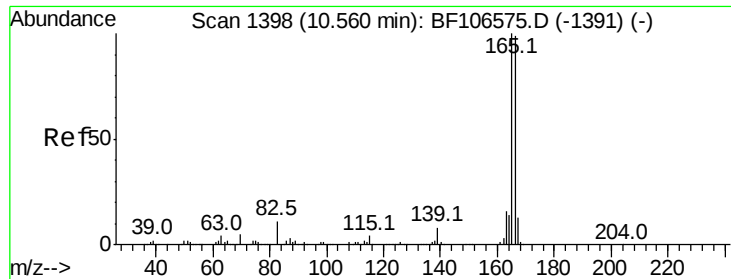
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#56
2,4-Dinitrotoluene
Concen: 43.226 ng
RT: 10.19 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	41.5	36.4	54.6
89	61.5	57.8	86.6
182	2.3	1.6	2.4





#57

Fluorene

Concen: 43.767 ng

RT: 10.54 min Scan# 1395

Delta R.T. -0.02 min

Lab File: BF107162.D

Acq: 6 Jul 2018 9:35

Instrument :

BNA_F

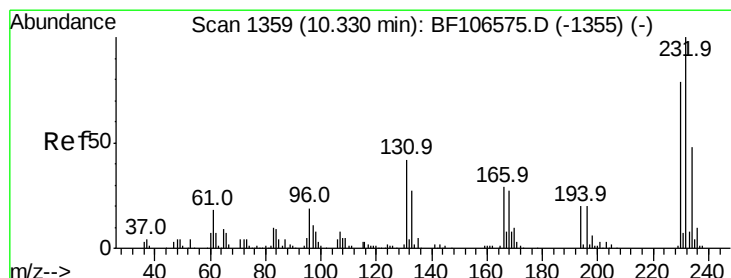
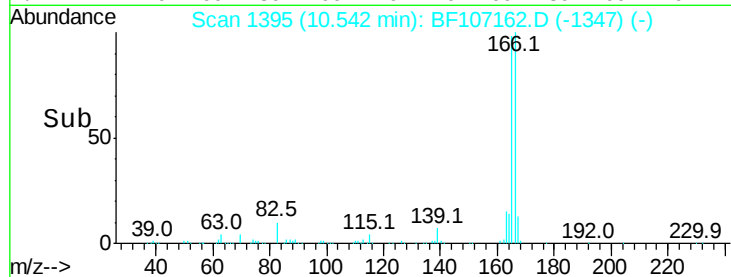
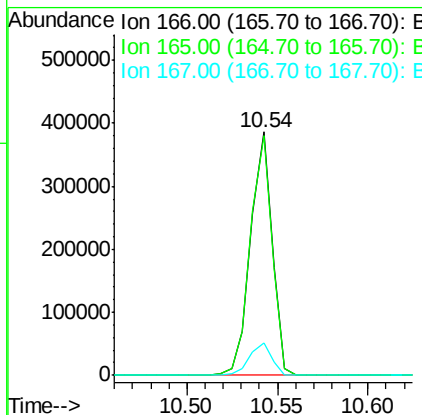
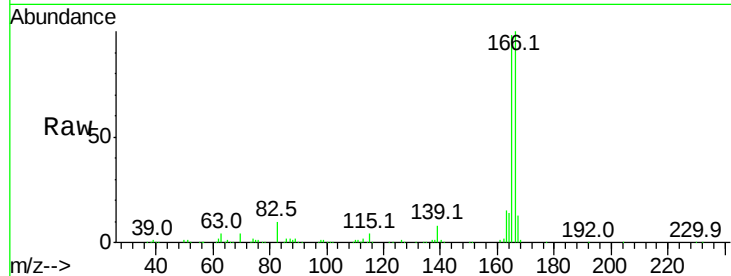
ClientSampleId :

PB110854BS

Tot Ion:	166	Resp:	320751
Ion Ratio	Lower	Upper	
166	100		
165	98.4	79.8	119.8
167	13.3	10.6	16.0

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 44.029 ng

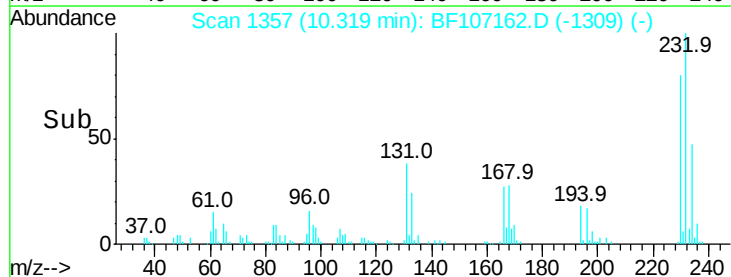
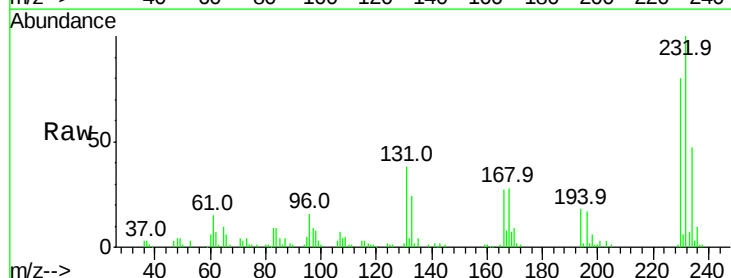
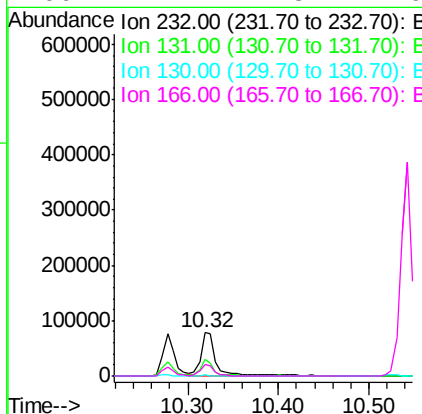
RT: 10.32 min Scan# 1357

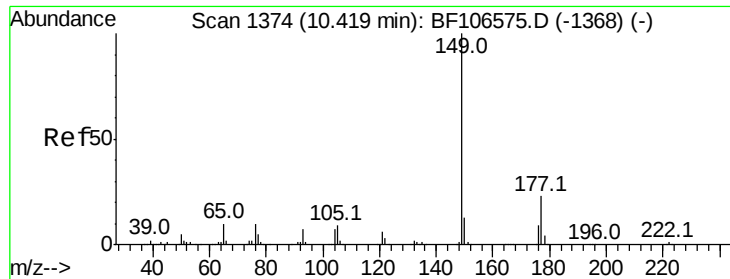
Delta R.T. -0.02 min

Lab File: BF107162.D

Acq: 6 Jul 2018 9:35

Tgt Ion:	232	Resp:	88410
Ion Ratio	Lower	Upper	
232	100		
131	32.0	43.8	65.8#
130	1.4	2.1	3.1#
166	24.1	27.8	41.6#





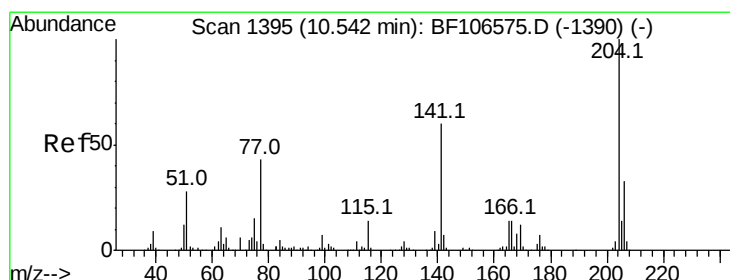
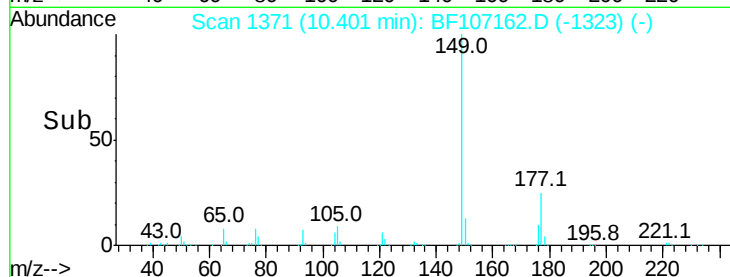
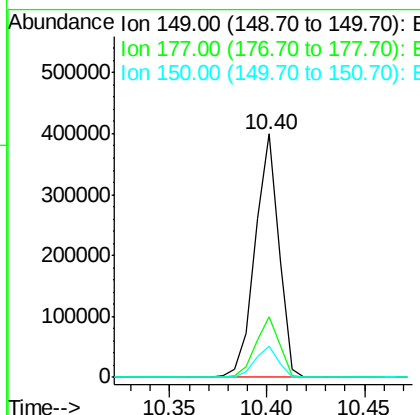
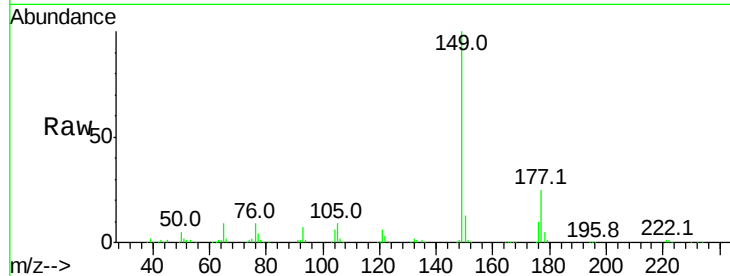
#59
Diethylphthalate
Concen: 42.853 ng
RT: 10.40 min Scan# 1371
Delta R.T. -0.02 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Instrument :
BNA_F
ClientSampled :
PB110854BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	25.1	16.1	24.1#	
150	12.6	10.1	15.1	

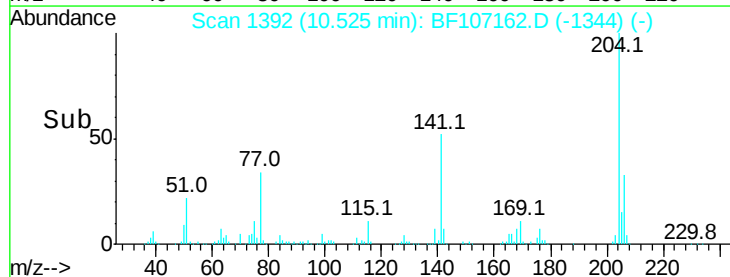
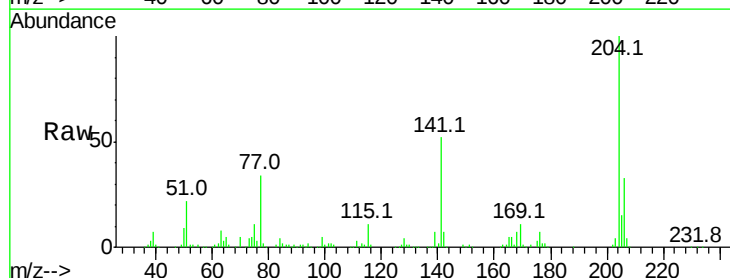
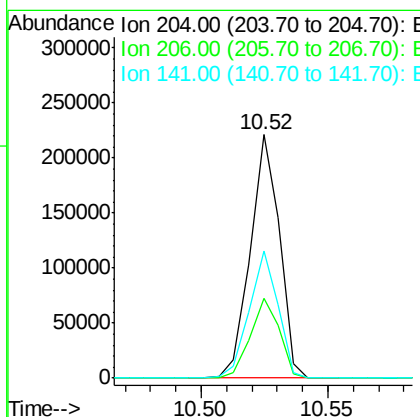
Manual Integrations
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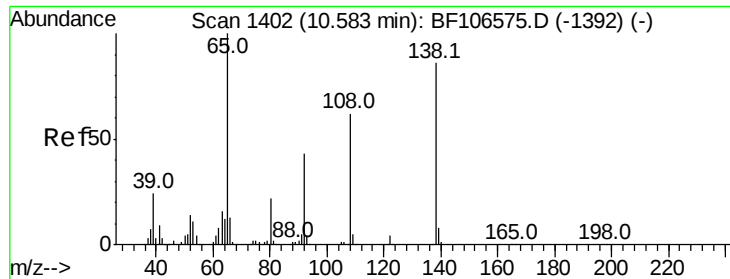
Sohil
7/6/2018 11:38:09 AM



#60
4-Chlorophenyl-phenylether
Concen: 46.103 ng
RT: 10.52 min Scan# 1392
Delta R.T. -0.02 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	32.5	26.5	39.7	
141	52.1	54.6	81.8#	





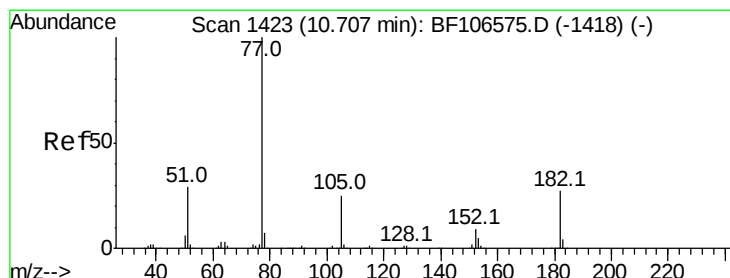
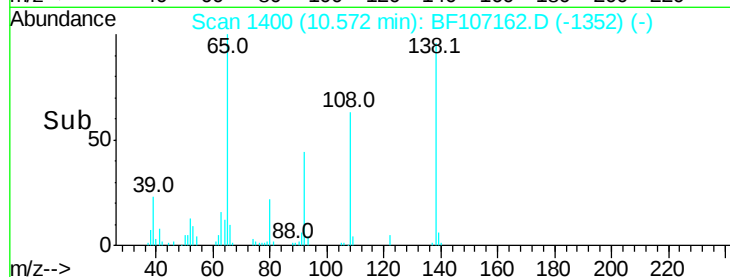
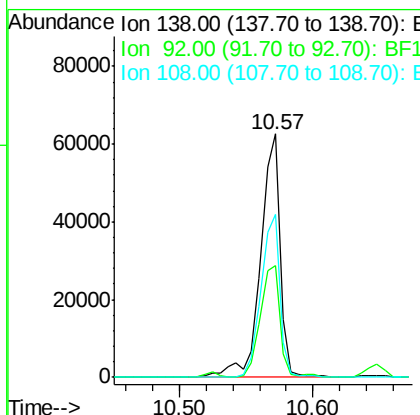
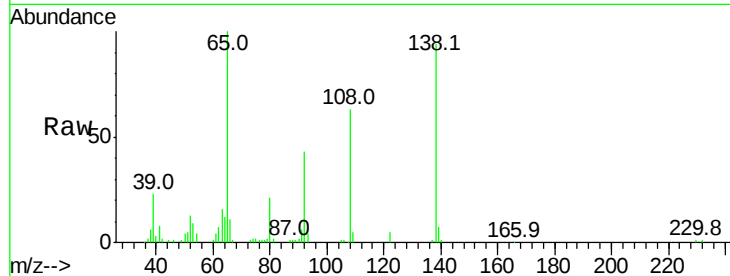
#61
4-Nitroaniline
Concen: 32.105 ng
RT: 10.57 min Scan# 1400
Delta R.T. -0.02 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Instrument :
BNA_F
ClientSampleId :
PB110854BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	46.0	30.2	70.2
108	66.8	52.5	92.5

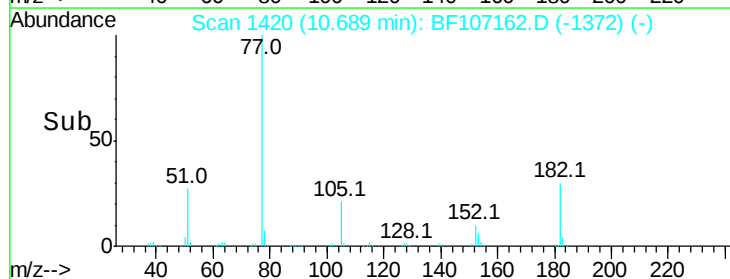
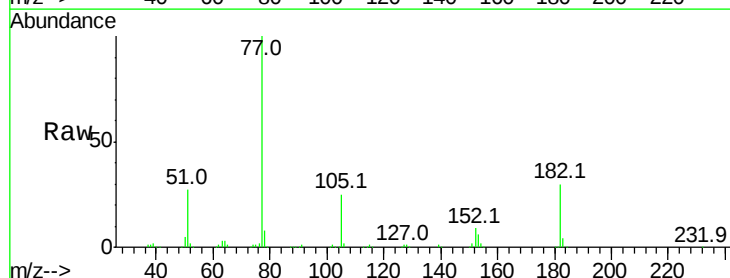
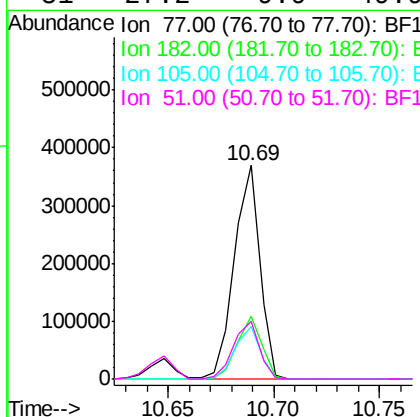
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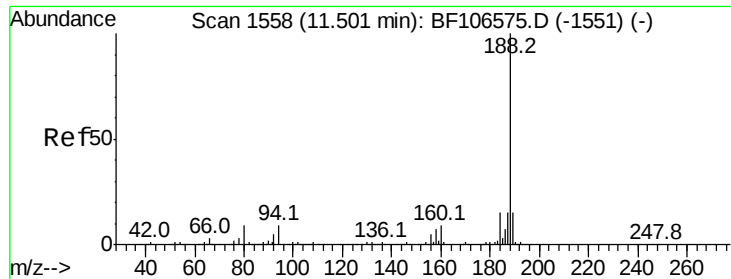
Sohil
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#62
Azobenzene
Concen: 40.036 ng
RT: 10.69 min Scan# 1420
Delta R.T. -0.02 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.6	1.7	41.7
105	24.6	3.0	43.0
51	27.2	9.9	49.9





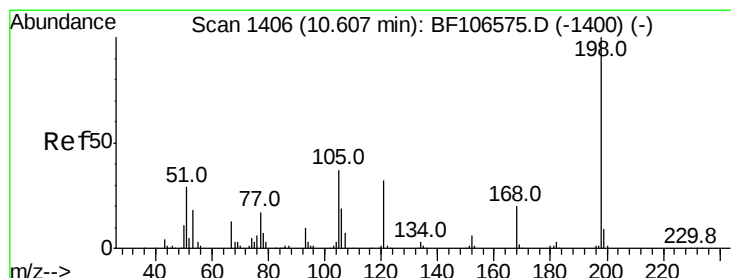
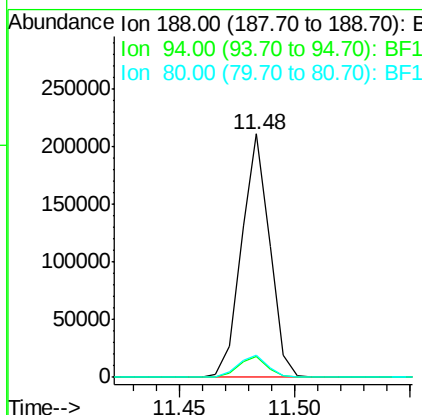
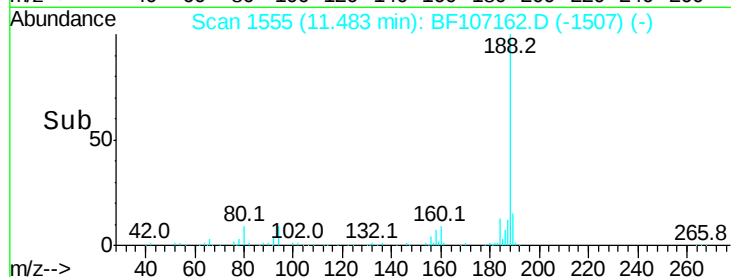
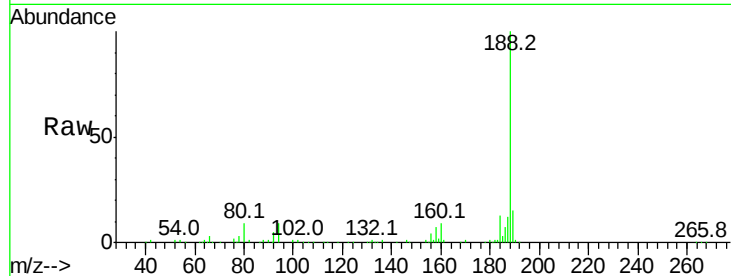
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Instrument :
BNA_F
ClientSampleId :
PB110854BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.6	8.5	12.7
80	9.1	9.2	13.8#

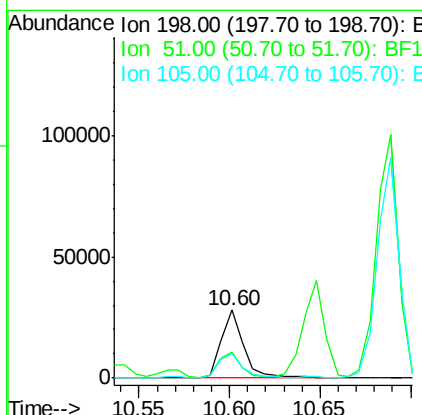
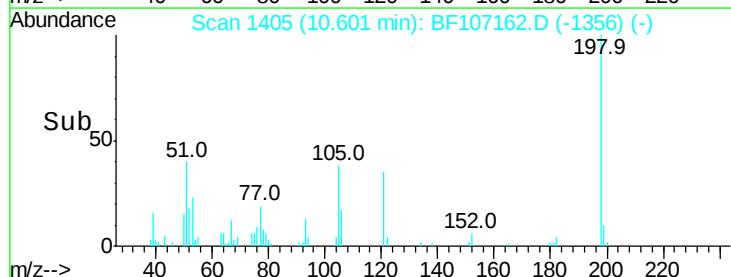
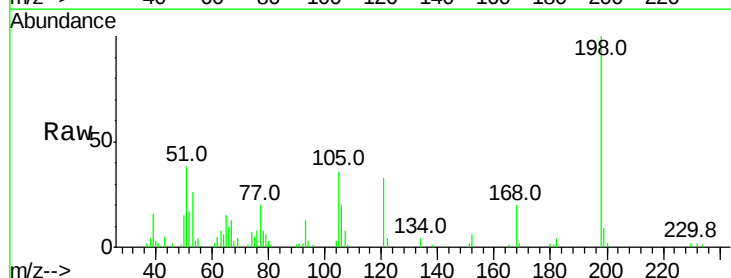
Manual Integrations
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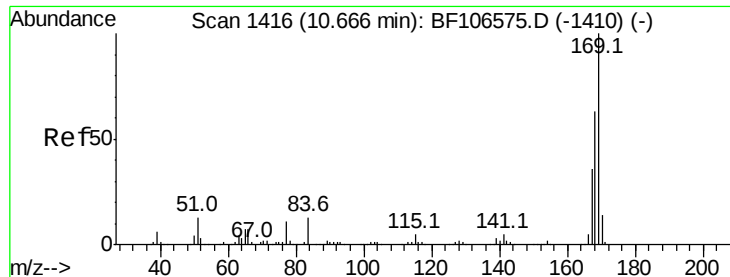
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#64
4,6-Dinitro-2-methylphenol
Concen: 21.816 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	37.8	37.7	77.7
105	35.8	36.3	76.3#





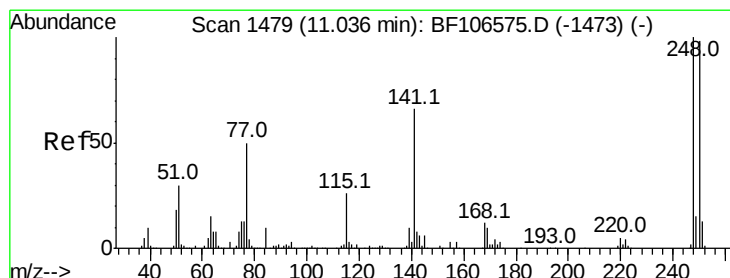
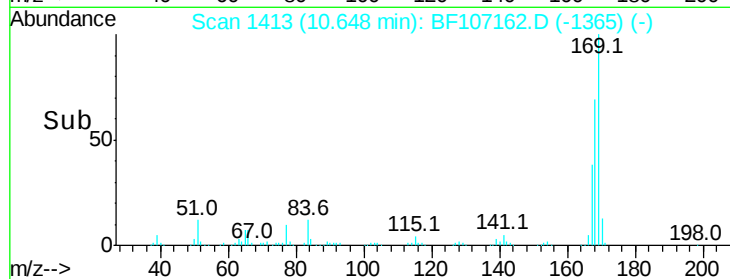
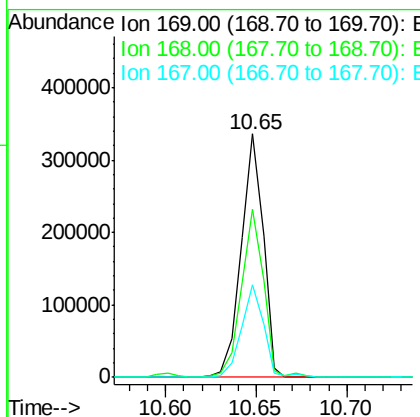
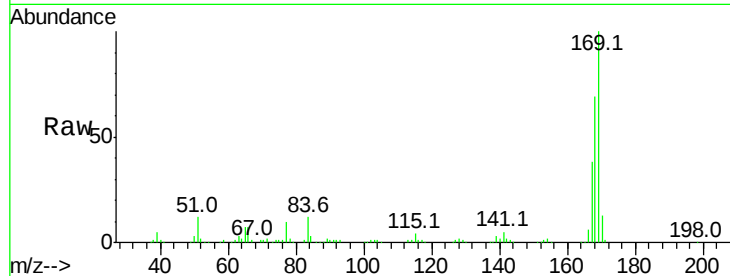
#65
n-Nitrosodiphenylamine
Concen: 47.077 ng
RT: 10.65 min Scan# 1413
Delta R.T. -0.02 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Instrument :
BNA_F
ClientSampleId :
PB110854BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	283288		
168	69.3		54.4	81.6
167	37.8		29.8	44.6

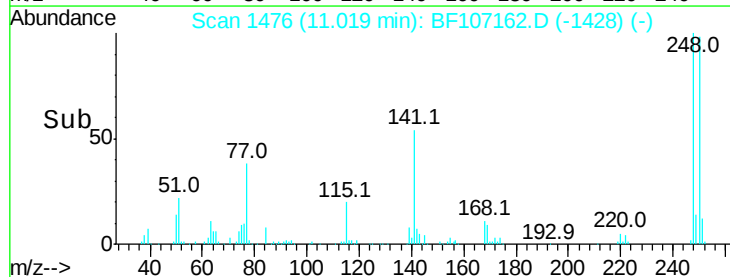
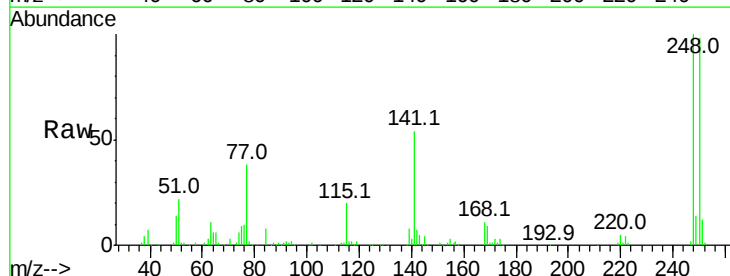
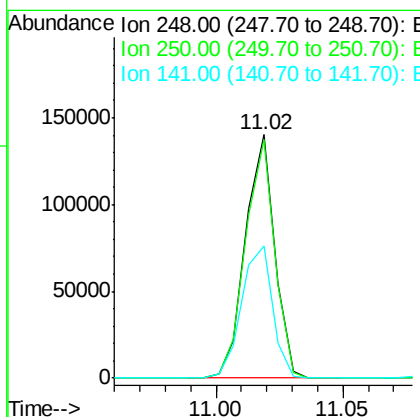
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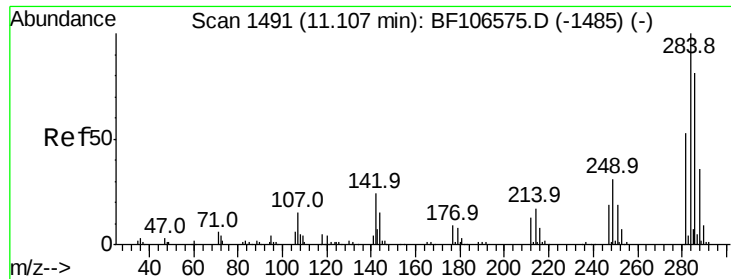
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#66
4-Bromophenyl-phenylether
Concen: 52.818 ng
RT: 11.02 min Scan# 1476
Delta R.T. -0.02 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	112774		
250	98.1		76.9	115.3
141	54.3		74.4	111.6#





#67

Hexachlorobenzene

Concen: 49.915 ng

RT: 11.09 min Scan# 1488

Delta R.T. -0.02 min

Lab File: BF107162.D

Acq: 6 Jul 2018 9:35

Instrument :

BNA_F

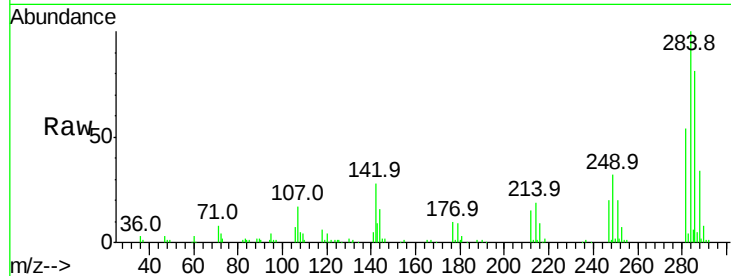
ClientSampleId :

PB110854BS

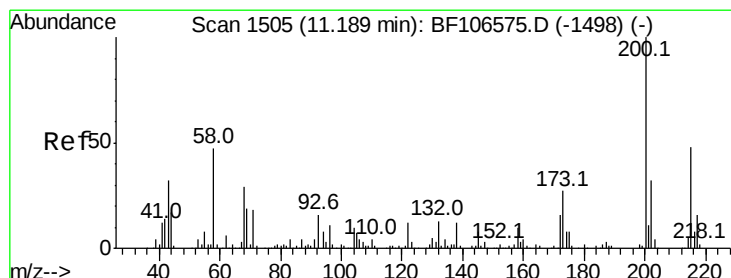
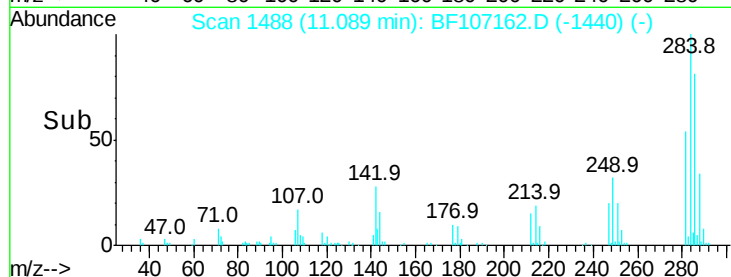
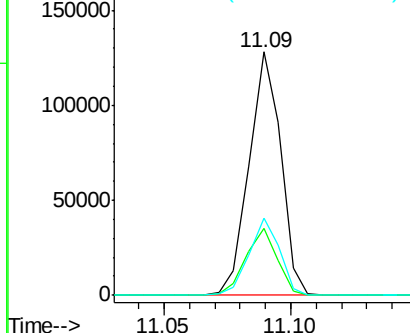
Tot Ion:	284	Resp:	111547
Ion Ratio	Lower	Upper	
284	100		
142	27.6	34.6	52.0#
249	31.7	24.8	37.2

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



#68

Atrazine

Concen: 51.938 ng

RT: 11.17 min Scan# 1502

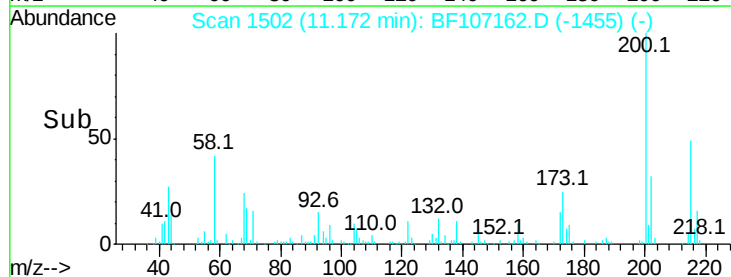
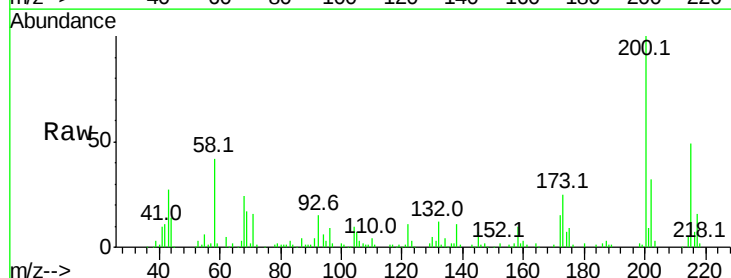
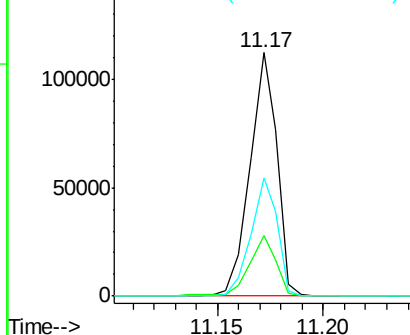
Delta R.T. -0.02 min

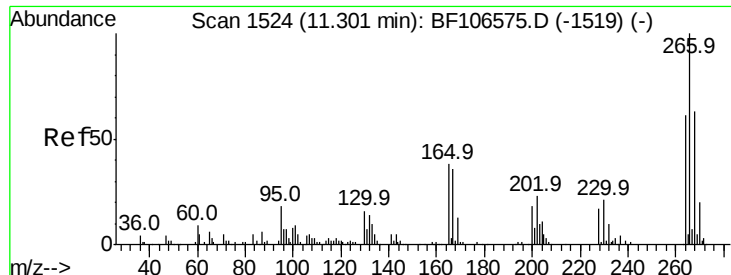
Lab File: BF107162.D

Acq: 6 Jul 2018 9:35

Tgt Ion:	200	Resp:	99358
Ion Ratio	Lower	Upper	
200	100		
173	25.1	8.6	48.6
215	48.6	25.1	65.1

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





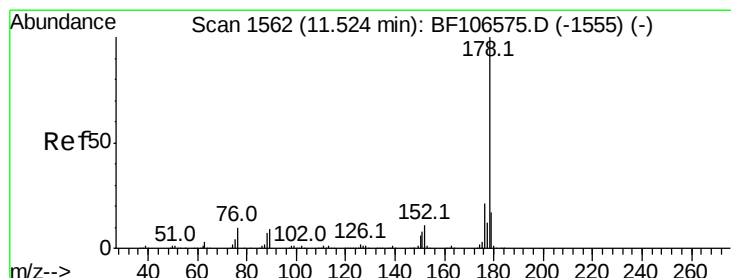
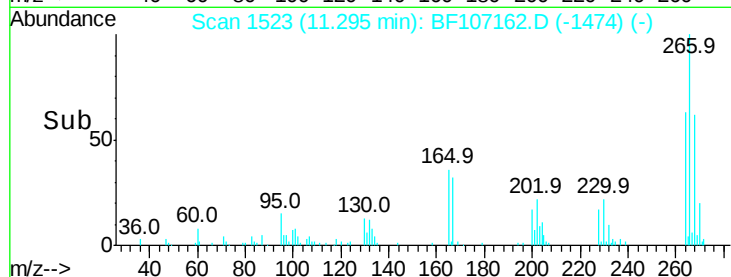
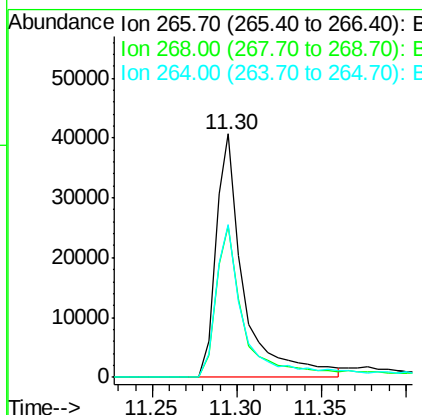
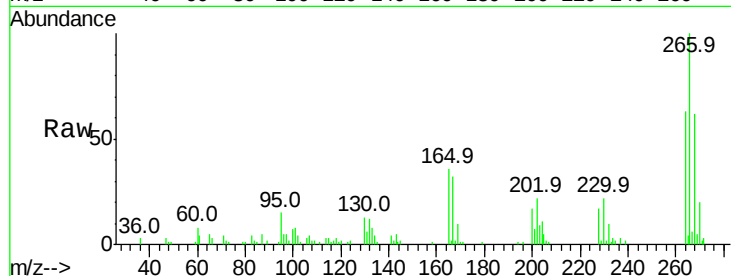
#69
 Pentachlorophenol
 Concen: 41.914 ng
 RT: 11.30 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BF107162.D
 Acq: 6 Jul 2018 9:35

Instrument :
 BNA_F
 ClientSampleId :
 PB110854BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	46736		
268	62.0		51.1	76.7
264	62.8		49.5	74.3

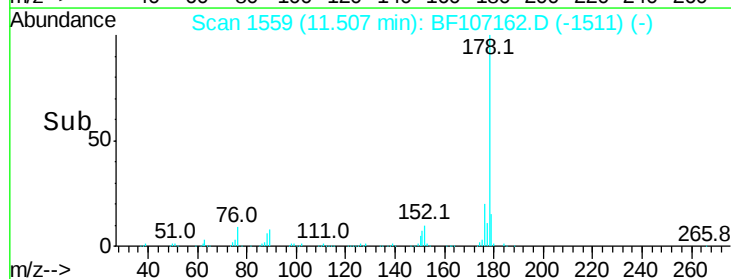
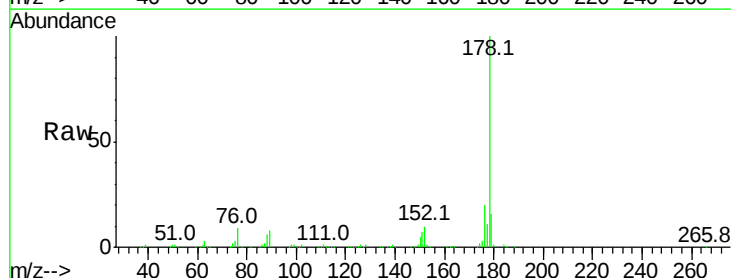
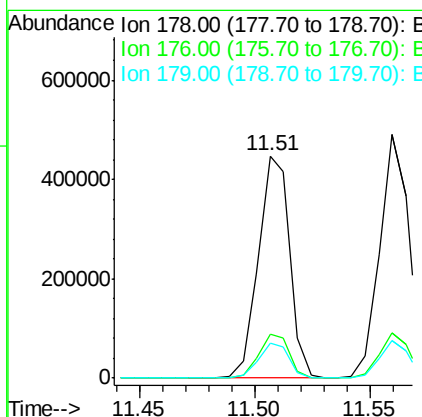
Manual Integrations
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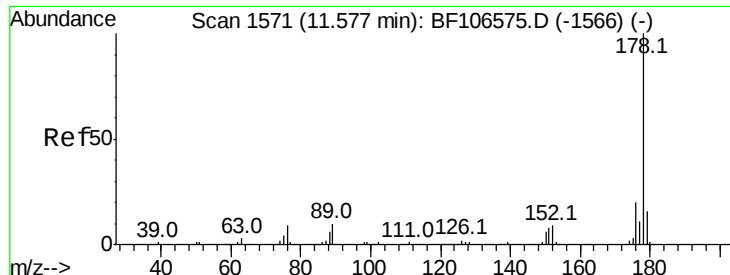
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#70
 Phenanthrene
 Concen: 48.909 ng
 RT: 11.51 min Scan# 1559
 Delta R.T. -0.02 min
 Lab File: BF107162.D
 Acq: 6 Jul 2018 9:35

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	422037		
176	19.9		15.8	23.8
179	15.7		13.0	19.6





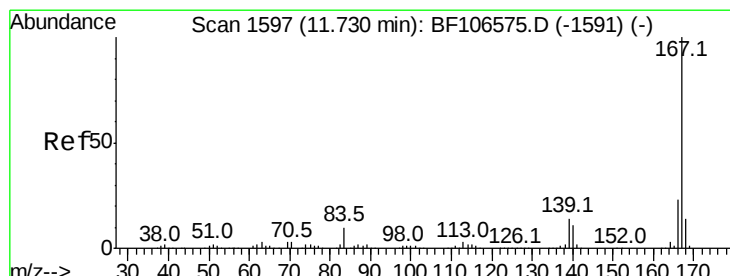
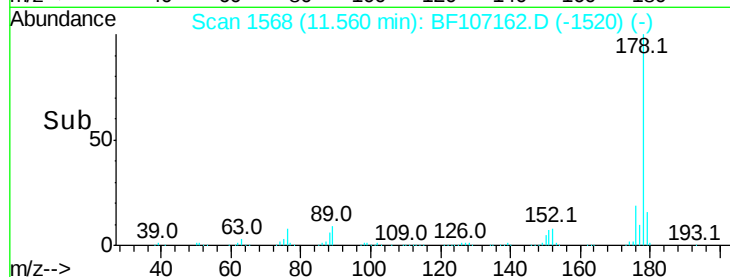
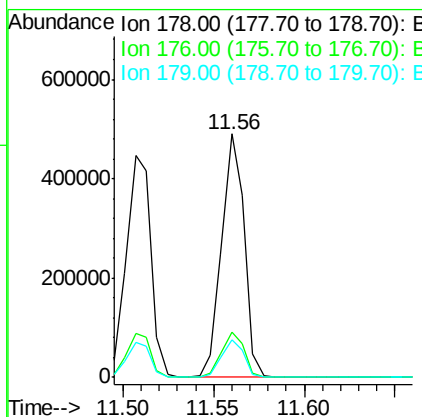
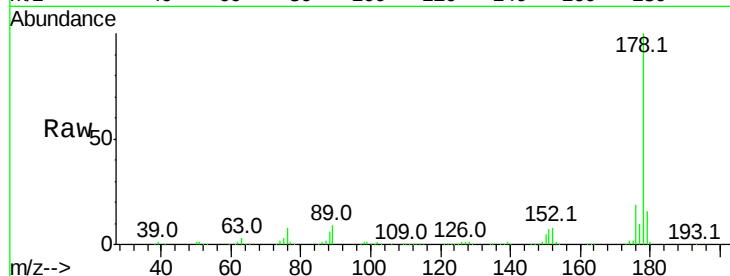
#71
 Anthracene
 Concen: 48.436 ng
 RT: 11.56 min Scan# 1568
 Delta R.T. -0.02 min
 Lab File: BF107162.D
 Acq: 6 Jul 2018 9:35

Instrument :
 BNA_F
 ClientSampleId :
 PB110854BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.7	12.6	19.0

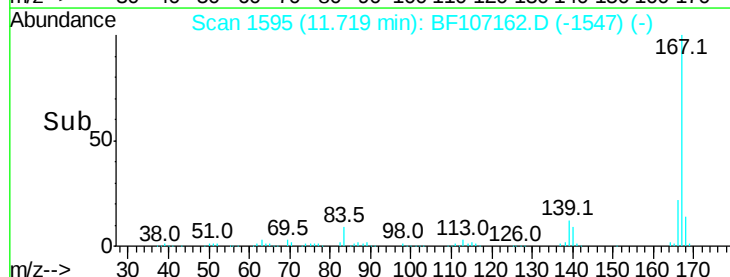
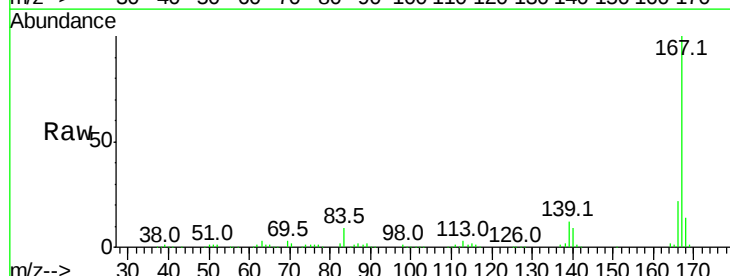
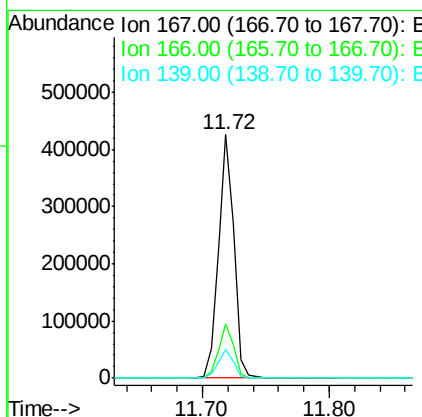
Manual Integrations
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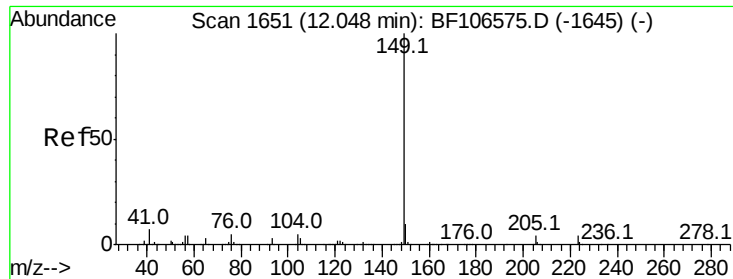
Sohil
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#72
 Carbazole
 Concen: 44.525 ng
 RT: 11.72 min Scan# 1595
 Delta R.T. -0.02 min
 Lab File: BF107162.D
 Acq: 6 Jul 2018 9:35

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	11.6	10.9	16.3





#73

Di-n-butylphthalate

Concen: 48.044 ng

RT: 12.02 min Scan# 1647

Delta R.T. -0.02 min

Lab File: BF107162.D

Acq: 6 Jul 2018 9:35

Instrument :

BNA_F

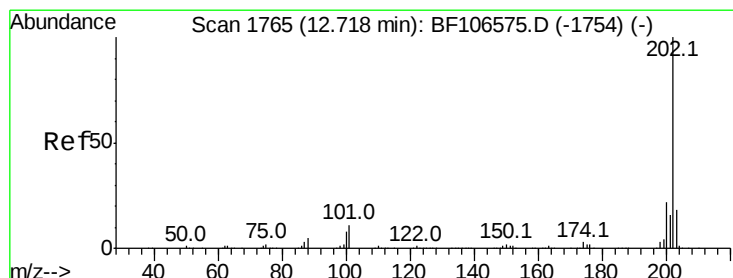
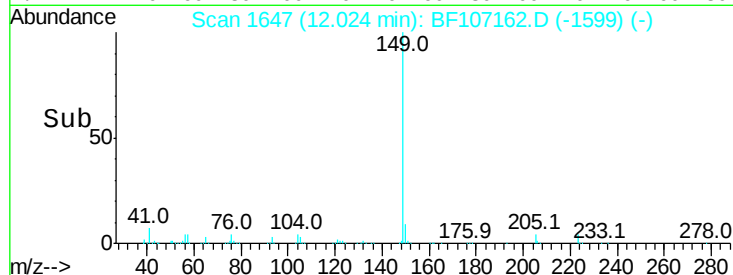
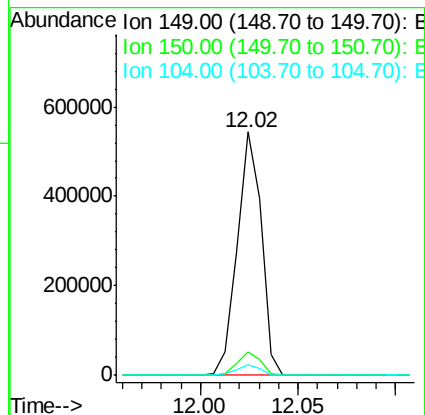
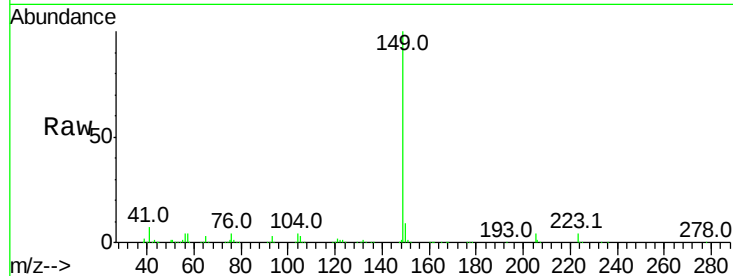
ClientSampleId :

PB110854BS

Tot Ion:	149	Resp:	466736
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.8	11.6
104	4.5	3.8	5.8

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#74

Fluoranthene

Concen: 45.062 ng

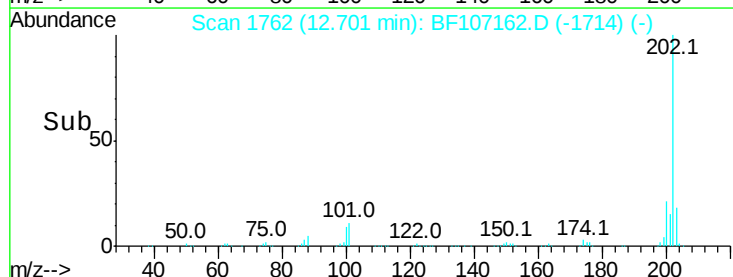
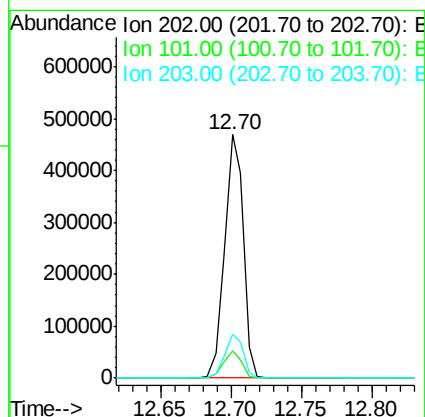
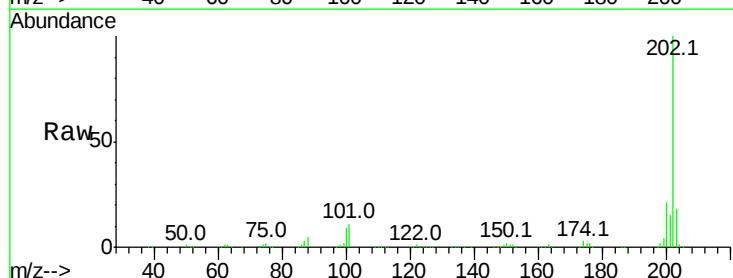
RT: 12.70 min Scan# 1762

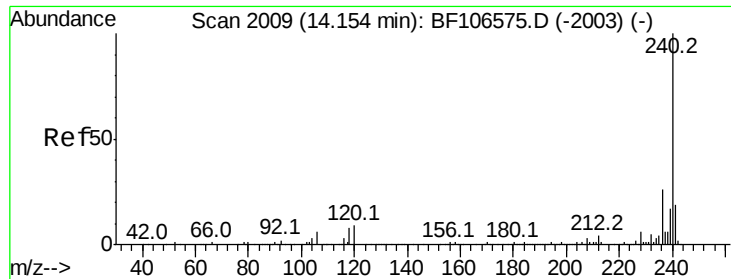
Delta R.T. -0.02 min

Lab File: BF107162.D

Acq: 6 Jul 2018 9:35

Tgt Ion:	202	Resp:	428578
Ion Ratio	Lower	Upper	
202	100		
101	11.3	0.0	34.1
203	17.8	0.0	38.1





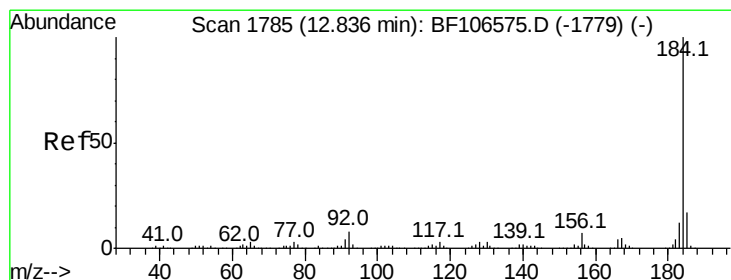
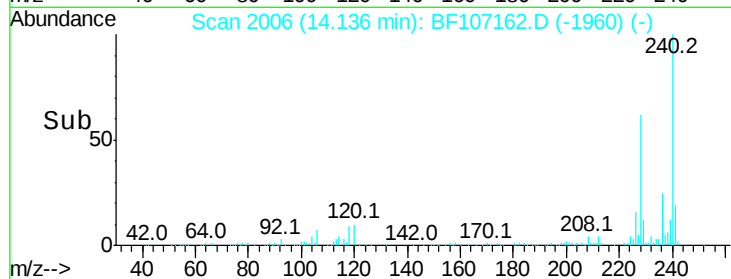
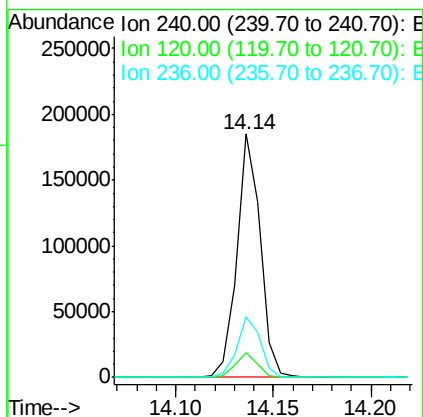
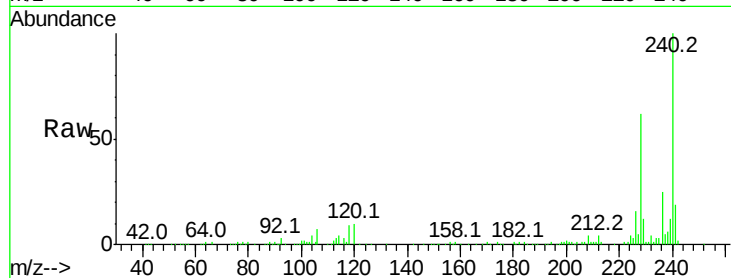
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.03 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Instrument :
BNA_F
ClientSampleId :
PB110854BS

Tot Ion	Ratio	Resp Lower	Upper
240	100		
120	9.9	9.5	14.3
236	24.9	20.7	31.1

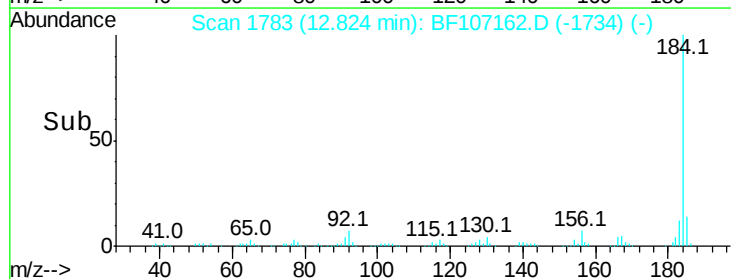
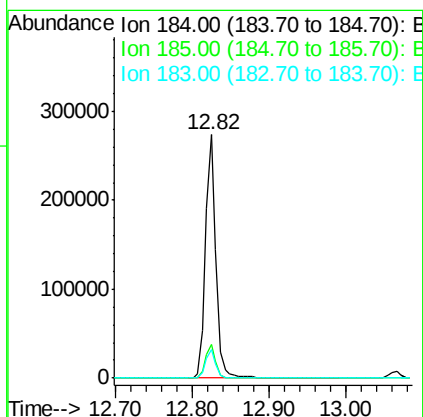
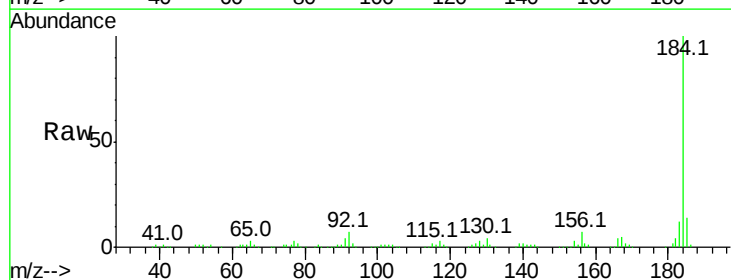
Manual Integrations
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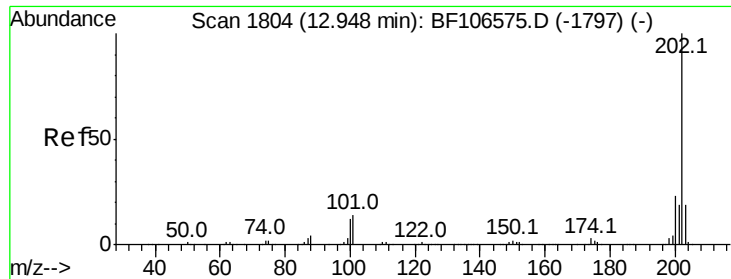
Sohil
7/6/2018 11:38:09 AM



#76
Benzidine
Concen: 59.343 ng
RT: 12.82 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Tgt Ion	Ratio	Resp Lower	Upper
184	100		
185	13.9	12.6	18.8
183	11.5	9.3	13.9





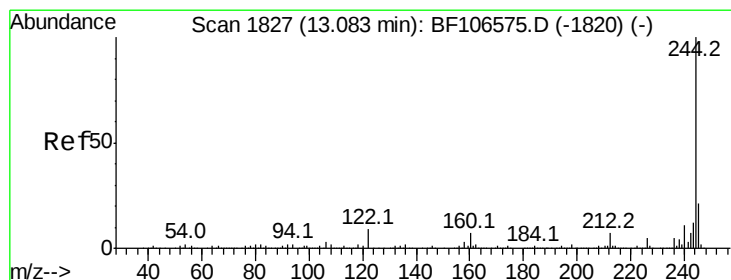
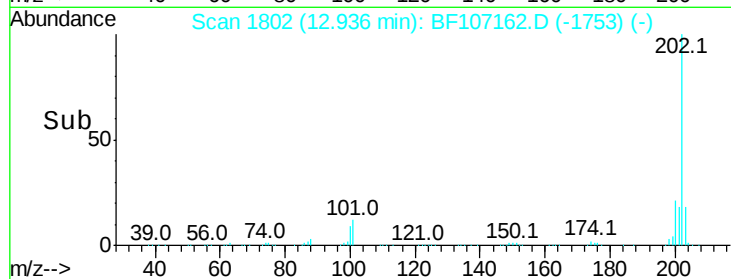
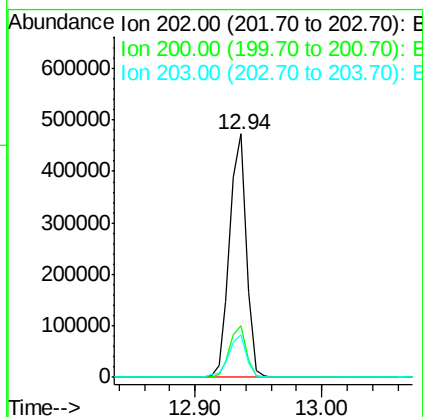
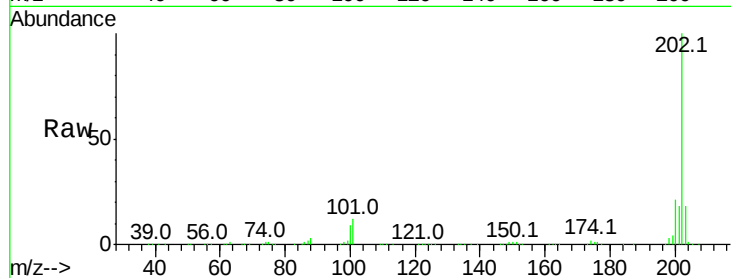
#77
Pvrene
Concen: 42.795 ng
RT: 12.94 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Instrument :
BNA_F
ClientSampleId :
PB110854BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	17.7	14.3	21.5

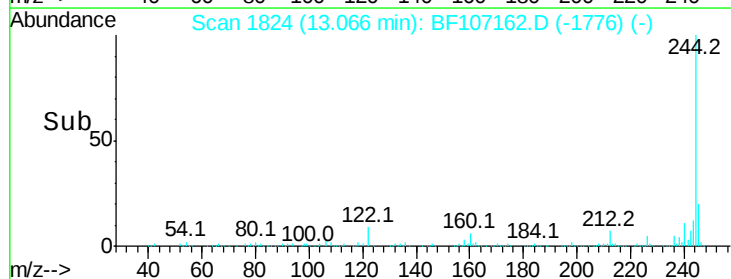
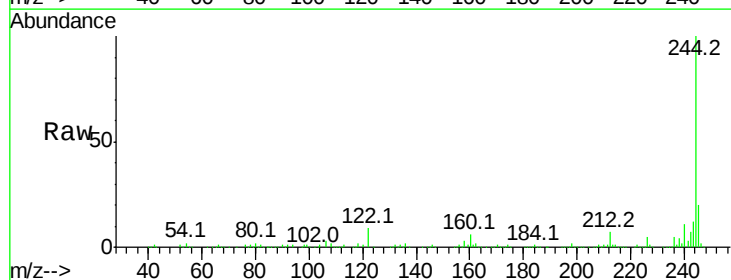
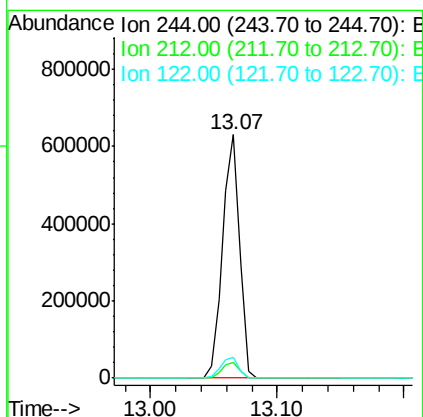
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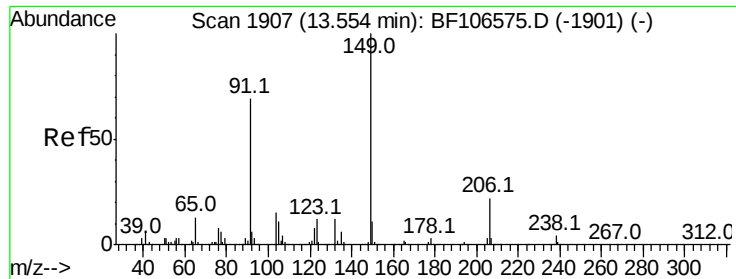
Sohil
7/6/2018 11:38:09 AM



#78
Terphenyl-d14
Concen: 93.476 ng
RT: 13.07 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	8.8	11.0	16.4#





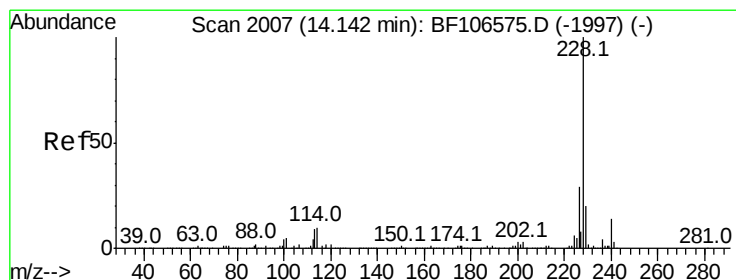
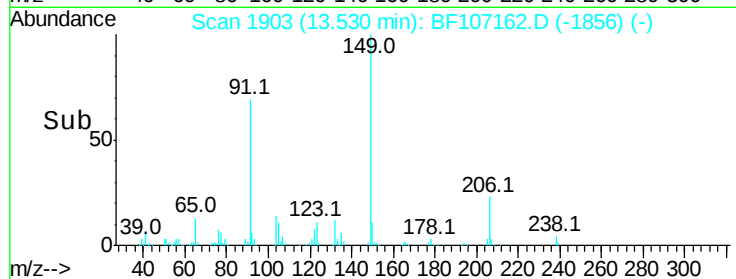
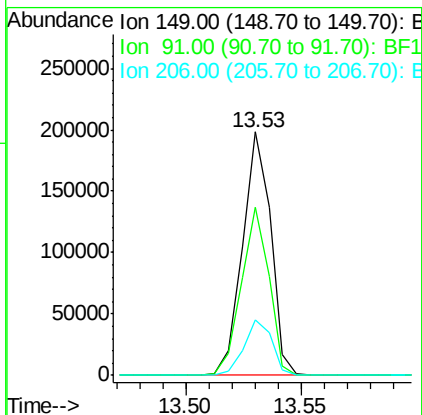
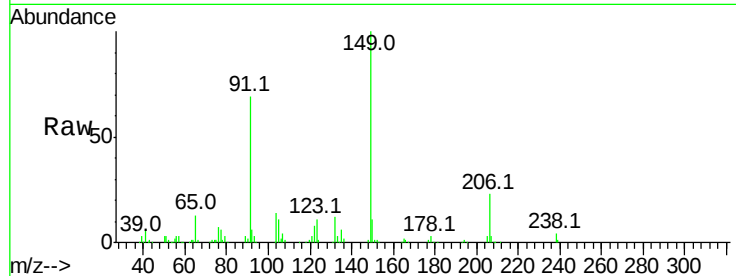
#79
Butylbenzylphthalate
Concen: 40.852 ng
RT: 13.53 min Scan# 1903
Delta R.T. -0.02 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Instrument :
BNA_F
ClientSampled :
PB110854BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	169147		
91	69.2	56.8	85.2	
206	22.7	14.1	21.1	

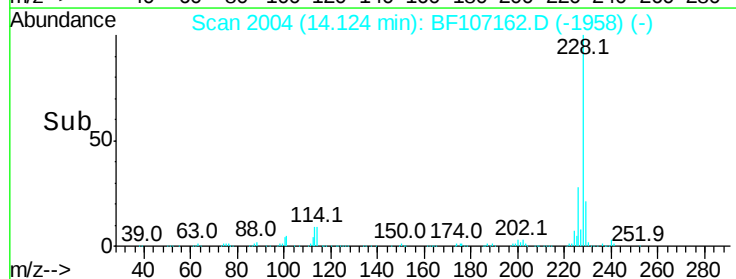
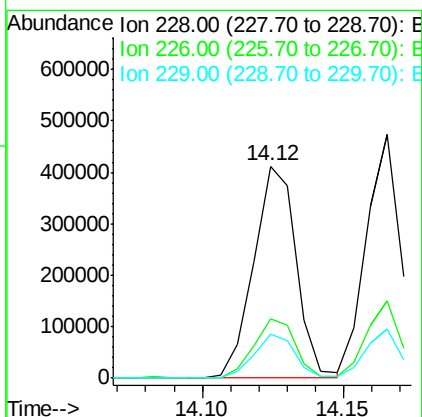
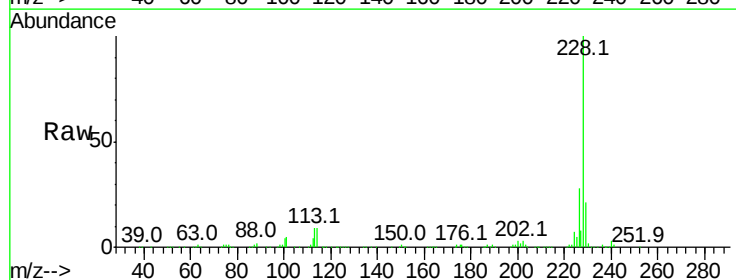
Manual Integrations
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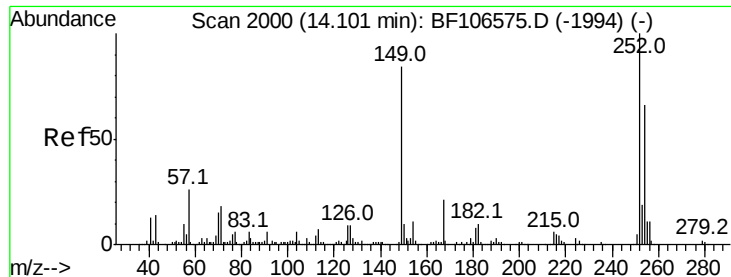
Sohil
7/6/2018 11:38:09 AM



#80
Benzo(a)anthracene
Concen: 46.410 ng
RT: 14.12 min Scan# 2004
Delta R.T. -0.03 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	431968		
226	28.2	22.6	33.8	
229	20.7	15.8	23.6	





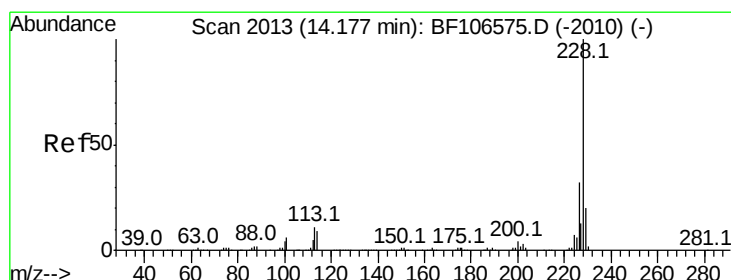
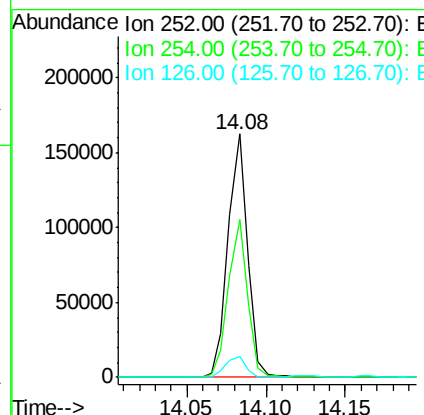
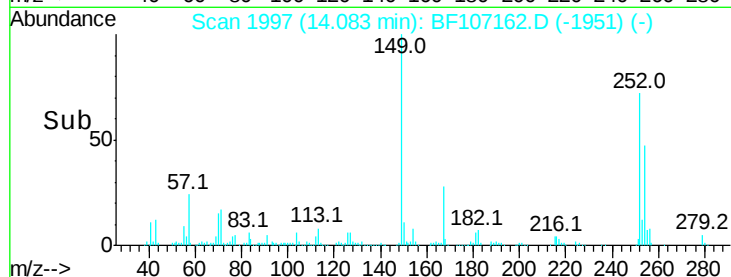
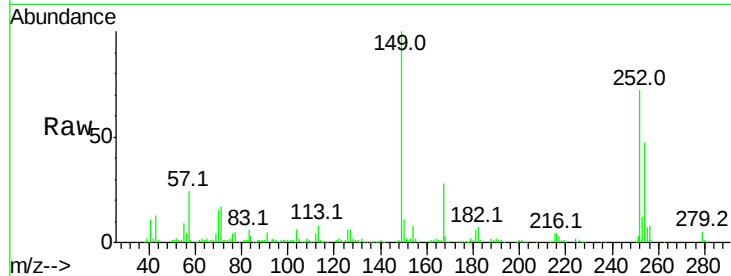
#81
 3,3'-Dichlorobenzidine
 Concen: 42.451 ng
 RT: 14.08 min Scan# 1997
 Delta R.T. -0.03 min
 Lab File: BF107162.D
 Acq: 6 Jul 2018 9:35

Instrument :
 BNA_F
 ClientSampleId :
 PB110854BS

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	65.1	50.4	75.6
126	8.6	11.3	16.9

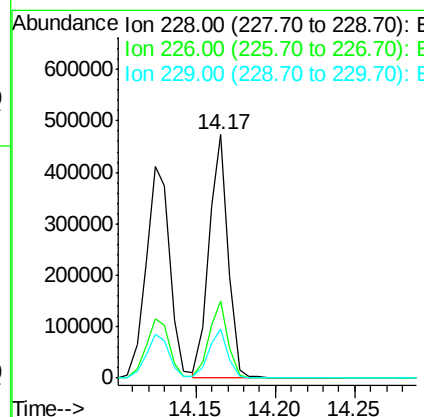
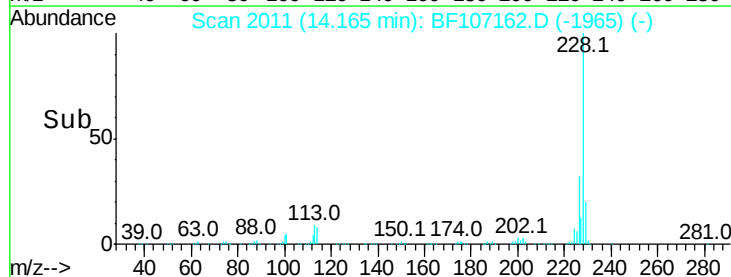
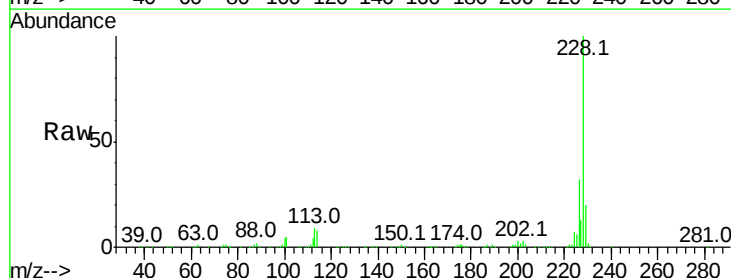
Manual Integrations
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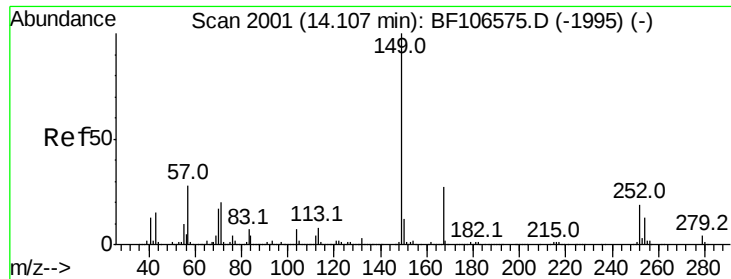
Sohil
 7/6/2018 11:38:09 AM



#82
 Chrysene
 Concen: 46.459 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. -0.03 min
 Lab File: BF107162.D
 Acq: 6 Jul 2018 9:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.5	25.0	37.6
229	19.9	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.606 ng

RT: 14.08 min Scan# 1997

Delta R.T. -0.03 min

Lab File: BF107162.D

Acq: 6 Jul 2018 9:35

Instrument :

BNA_F

ClientSampleId :

PB110854BS

Tot Ion:149 Resp: 214949
Ion Ratio Lower Upper

149 100

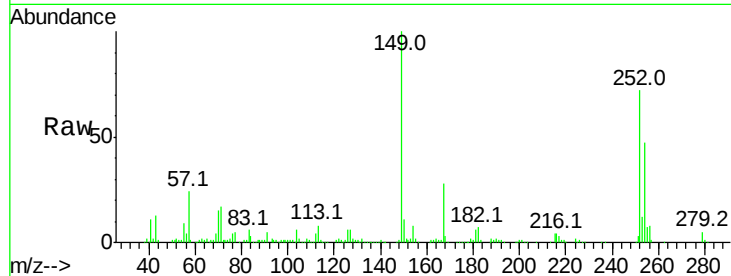
167 28.4 21.3 31.9

279 5.2 3.0 4.4#

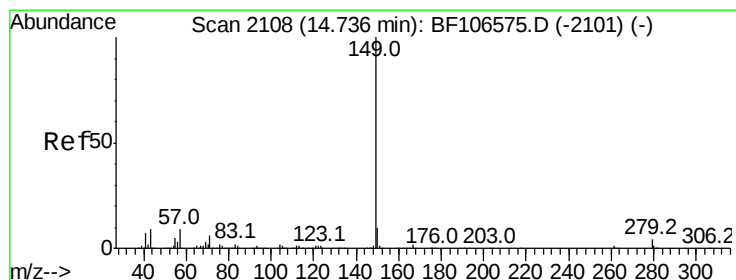
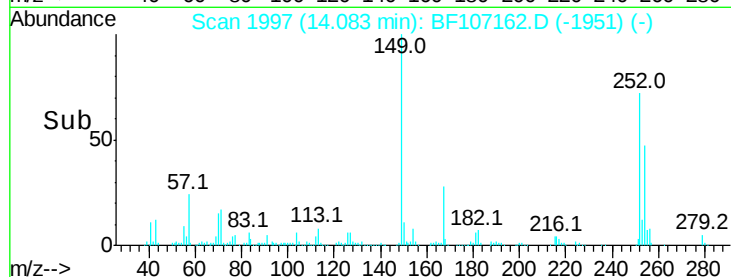
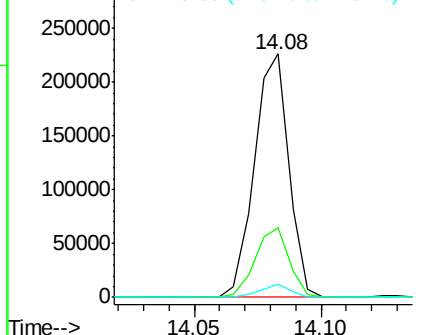
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 46.825 ng

RT: 14.71 min Scan# 2103

Delta R.T. -0.06 min

Lab File: BF107162.D

Acq: 6 Jul 2018 9:35

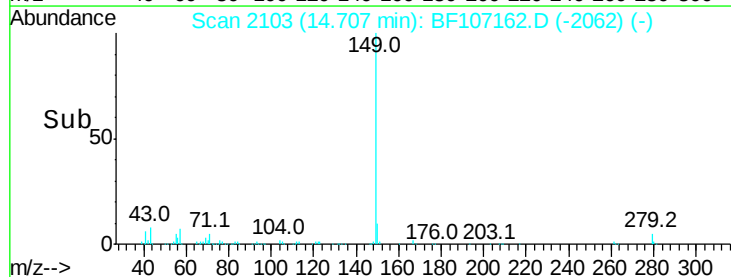
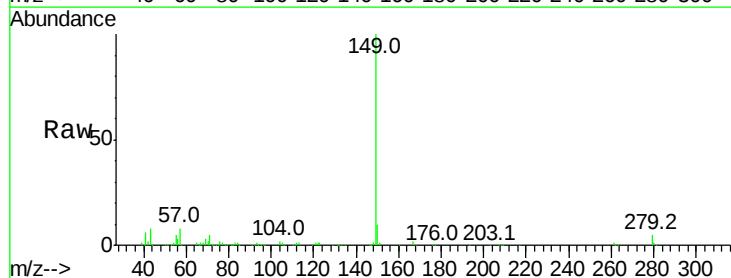
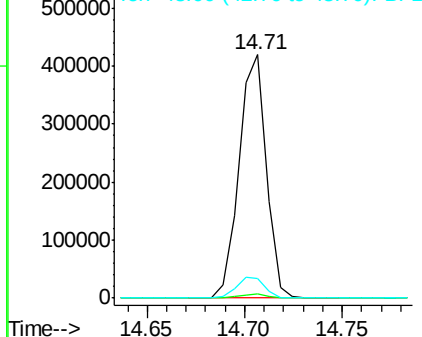
Tgt Ion:149 Resp: 404030
Ion Ratio Lower Upper

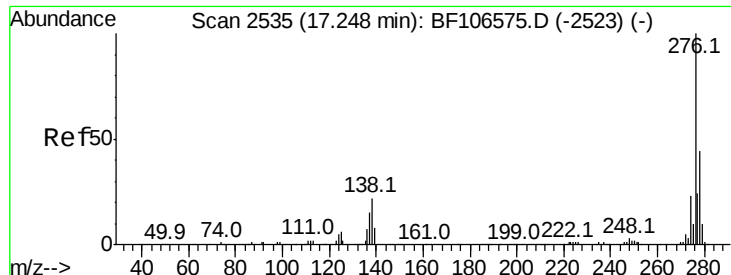
149 100

167 1.6 1.2 1.8

43 8.8 8.4 12.6

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





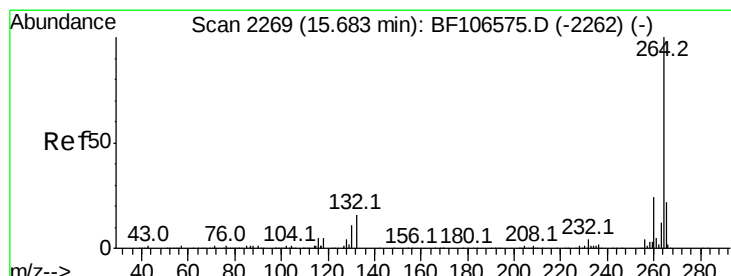
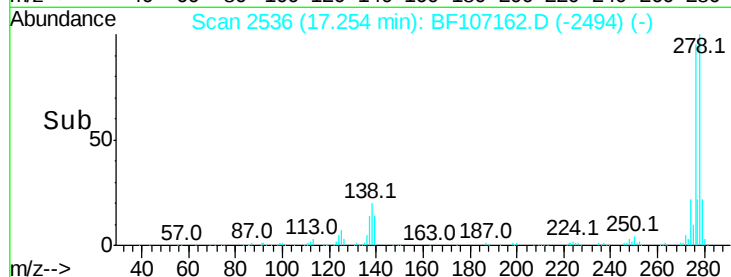
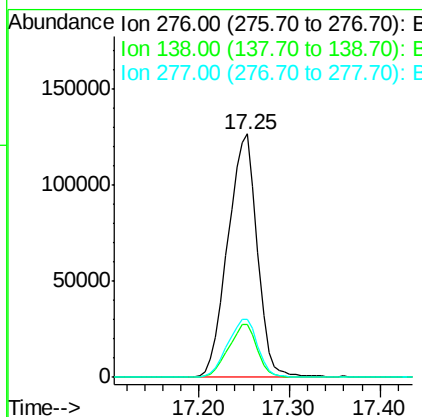
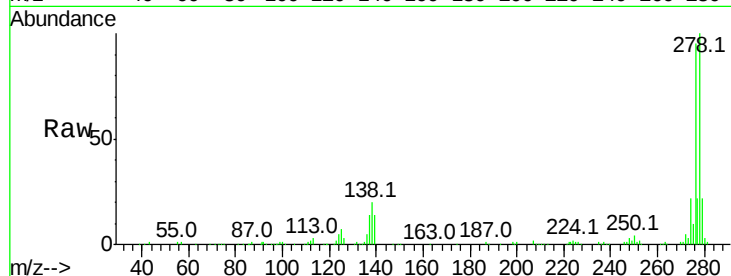
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.496 ng
 RT: 17.25 min Scan# 2536
 Delta R.T. -0.05 min
 Lab File: BF107162.D
 Acq: 6 Jul 2018 9:35

Instrument :
 BNA_F
 ClientSampleId :
 PB110854BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.4	25.0	37.6#
277	24.5	20.1	30.1

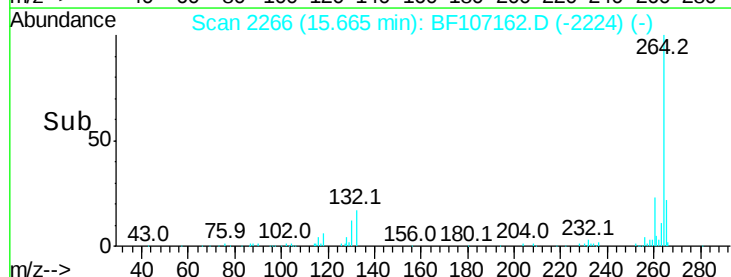
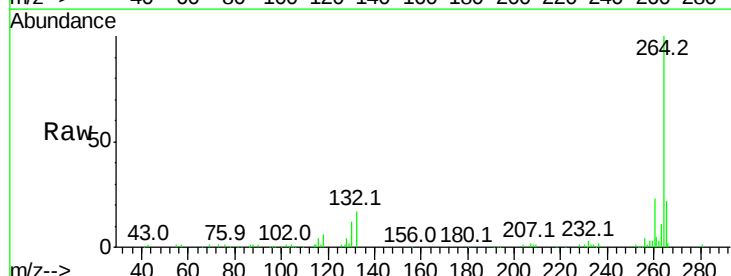
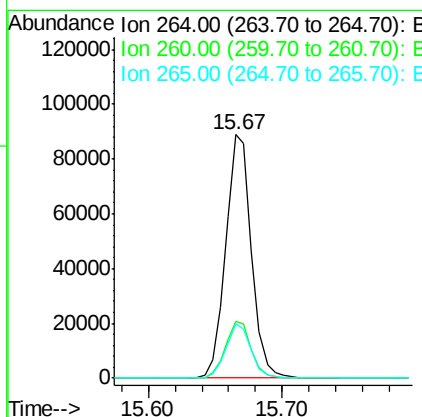
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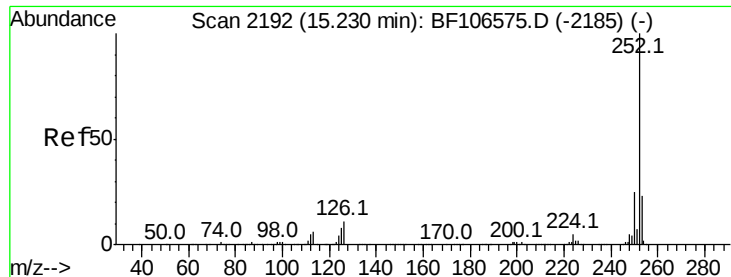
Sohil
 7/6/2018 11:38:09 AM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2266
 Delta R.T. -0.05 min
 Lab File: BF107162.D
 Acq: 6 Jul 2018 9:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.0	17.5	26.3





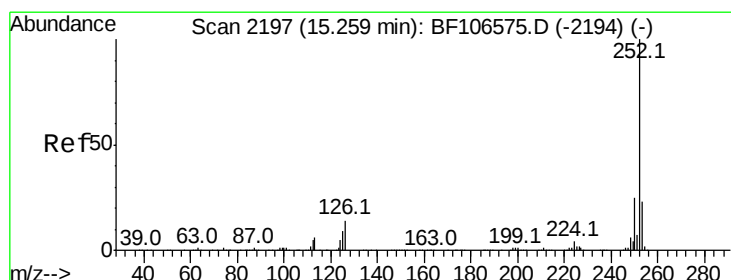
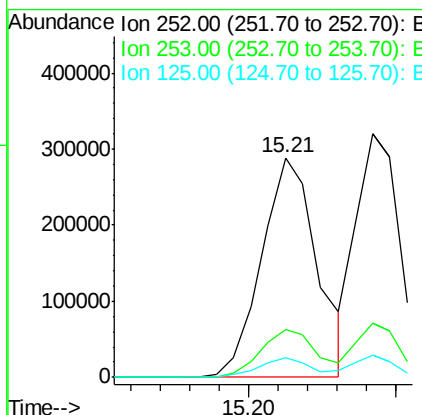
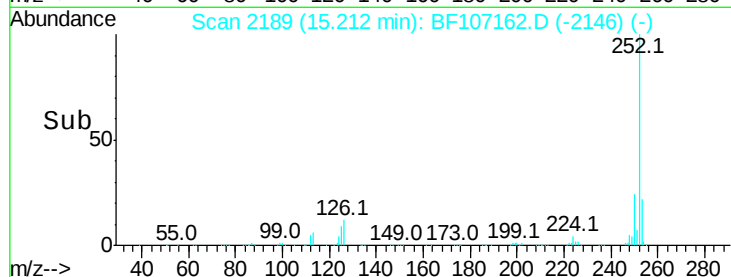
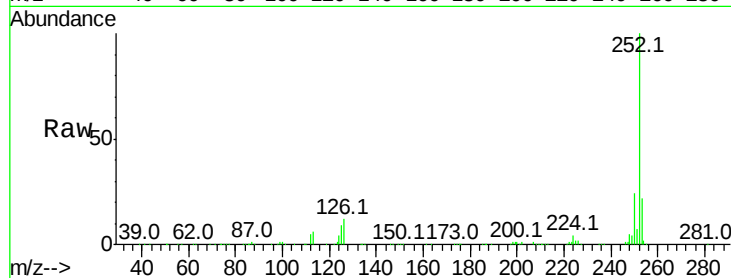
#87
Benzo(b)fluoranthene
Concen: 50.571 ng m
RT: 15.21 min Scan# 2189
Delta R.T. -0.05 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Instrument :
BNA_F
ClientSampleId :
PB110854BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	8.7	9.0	13.6#

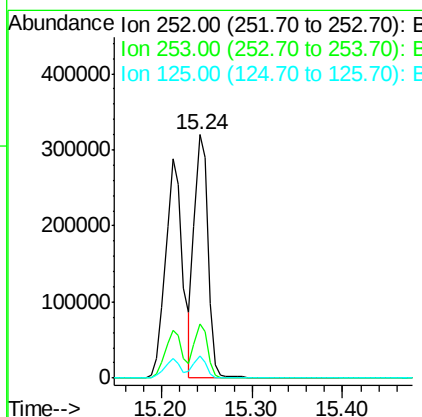
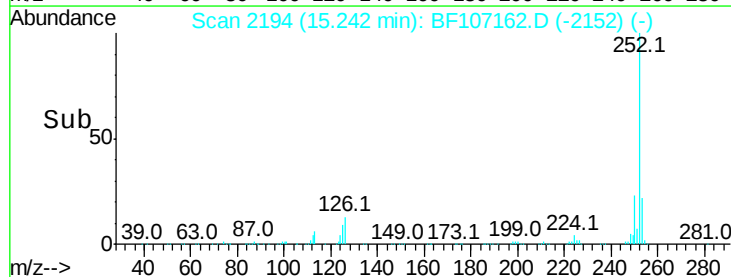
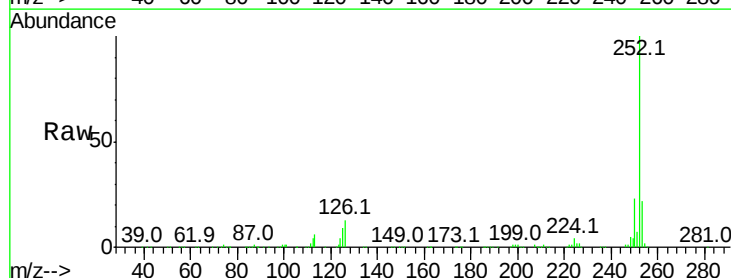
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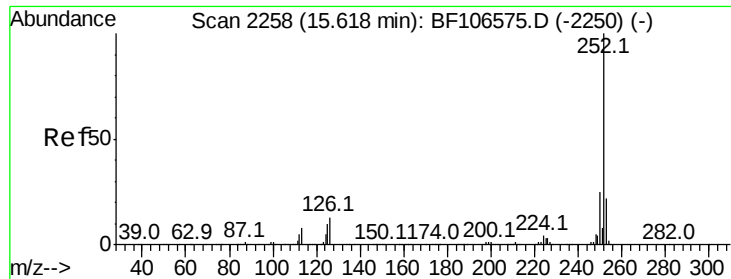
Sohil
7/6/2018 11:38:09 AM



#88
Benzo(k)fluoranthene
Concen: 46.966 ng
RT: 15.24 min Scan# 2194
Delta R.T. -0.05 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	9.1	10.2	15.2#





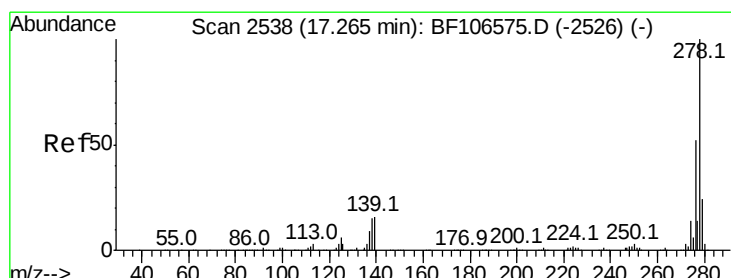
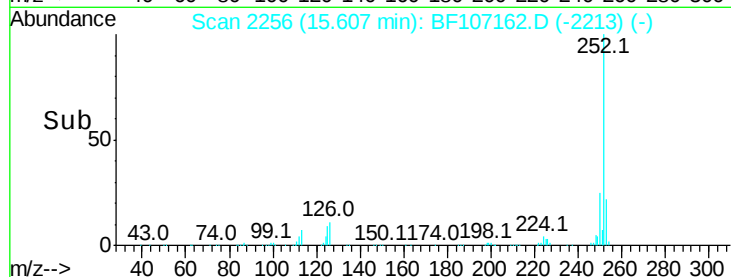
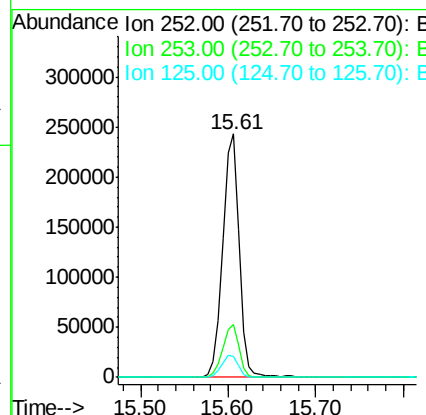
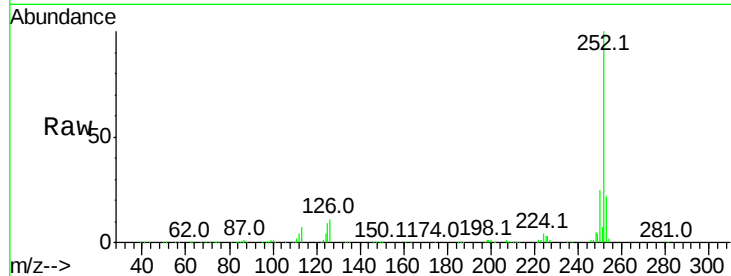
#89
Benzo(a)pyrene
Concen: 48.056 ng
RT: 15.61 min Scan# 2256
Delta R.T. -0.05 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Instrument :
BNA_F
ClientSampleId :
PB110854BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	8.8	9.8	14.6

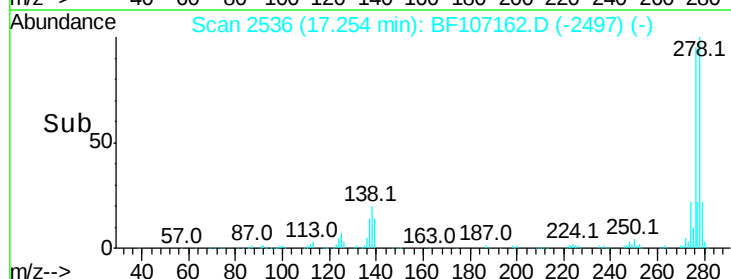
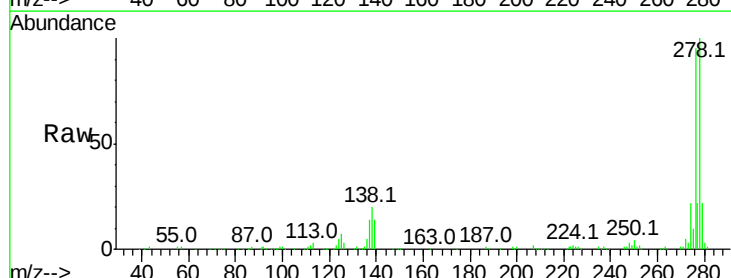
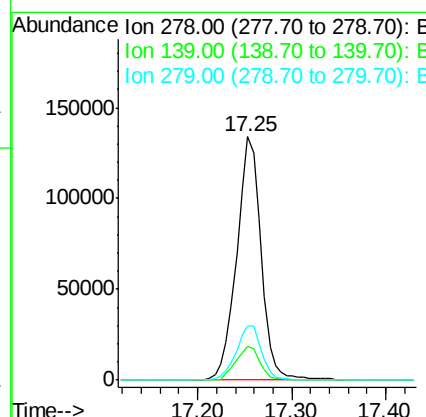
Manual Integrations
APPROVED

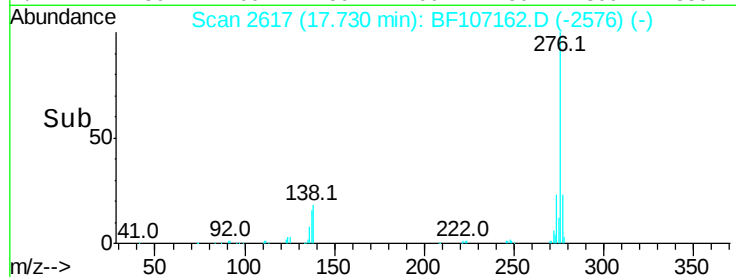
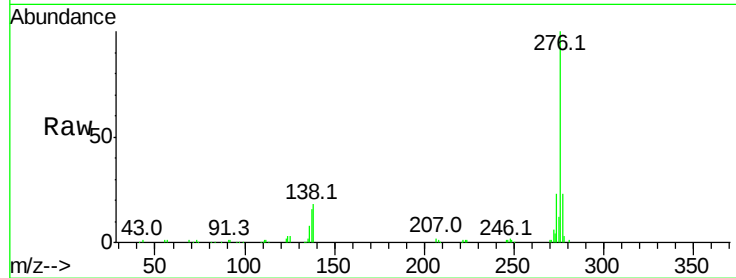
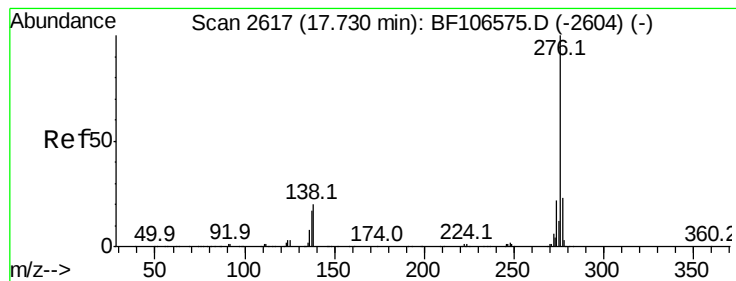
Sohil
7/6/2018 11:38:09 AM



#90
Dibenzo(a,h)anthracene
Concen: 43.111 ng
RT: 17.25 min Scan# 2536
Delta R.T. -0.07 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.1	15.9	23.9
279	22.4	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 43.159 ng

RT: 17.73 min Scan# 2617

Delta R.T. -0.06 min

Lab File: BF107162.D

Acq: 6 Jul 2018 9:35

Instrument :

BNA_F

ClientSampleId :

PB110854BS

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	22.6	17.9	26.9
138	18.0	21.8	32.8

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Sohil
7/6/2018 11:38:09 AM

