

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
 Data File : BF107326.D
 Acq On : 12 Jul 2018 3:34
 Operator : JU/SJ
 Sample : PB111003BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB111003BS

Manual Integrations
 APPROVED

Sohil
 7/12/2018 2:19:55 PM

Quant Time: Jul 12 07:32:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 11 16:39:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	56010	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	199435	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	94026	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	176449	20.00	ng	0.00
75) Chrysene-d12	14.14	240	138500	20.00	ng	0.00
86) Perylene-d12	15.67	264	111453	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	317358	95.94	ng	0.01
7) Phenol-d6	6.58	99	379208	91.80	ng	0.00
23) Nitrobenzene-d5	7.50	82	348865	97.21	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	104596	95.98	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	599591	112.75	ng	0.00
78) Terphenyl-d14	13.07	244	679299	118.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.82	88	64206	37.756	ng	97
3) Pyridine	3.60	79	189379	41.063	ng	98
4) n-Nitrosodimethylamine	3.57	42	79743	40.710	ng	82
6) Aniline	6.60	93	173678	30.996	ng	# 48
8) 2-Chlorophenol	6.73	128	166376	45.860	ng	96
9) Benzaldehyde	6.49	77	72590	22.992	ng	95
10) Phenol	6.60	94	205000	43.487	ng	# 69
11) bis(2-Chloroethyl)ether	6.67	93	169343	43.514	ng	99
12) 1,3-Dichlorobenzene	6.87	146	196218	46.178	ng	97
13) 1,4-Dichlorobenzene	6.95	146	195040	45.402	ng	98
14) 1,2-Dichlorobenzene	7.10	146	179296	45.541	ng	99
15) Benzyl Alcohol	7.08	79	135579	40.877	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.20	45	233844	45.797	ng	# 22
17) 2-Methylphenol	7.20	107	139499	44.932	ng	# 87
18) Hexachloroethane	7.44	117	50646	33.525	ng	# 88
19) n-Nitroso-di-n-propylamine	7.34	70	116753	42.879	ng	94
20) 3+4-Methylphenols	7.35	107	182402	59.911	ng	97
22) Acetophenone	7.34	105	229889	51.523	ng	# 98
24) Nitrobenzene	7.52	77	176886	48.278	ng	96
25) Isophorone	7.75	82	330171	52.211	ng	98
26) 2-Nitrophenol	7.84	139	70102	40.531	ng	95
27) 2,4-Dimethylphenol	7.87	122	150603	56.335	ng	98
28) bis(2-Chloroethoxy)methane	7.96	93	212926	50.148	ng	98
29) 2,4-Dichlorophenol	8.08	162	145225	51.888	ng	95
30) 1,2,4-Trichlorobenzene	8.16	180	163072	52.890	ng	97
31) Naphthalene	8.24	128	462949	49.650	ng	100
32) Benzoic acid	8.01	122	52466m	29.490	ng	
33) 4-Chloroaniline	8.29	127	108342	27.692	ng	97
34) Hexachlorobutadiene	8.34	225	108247	53.880	ng	99
35) Caprolactam	8.68	113	45088m	49.420	ng	
36) 4-Chloro-3-methylphenol	8.79	107	143012	48.545	ng	99
37) 2-Methylnaphthalene	8.94	142	330001	53.396	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	170384	53.808	ng	# 96
42) 2,4,6-Trichlorophenol	9.22	196	95235	45.246	ng	95

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Manual Integrations
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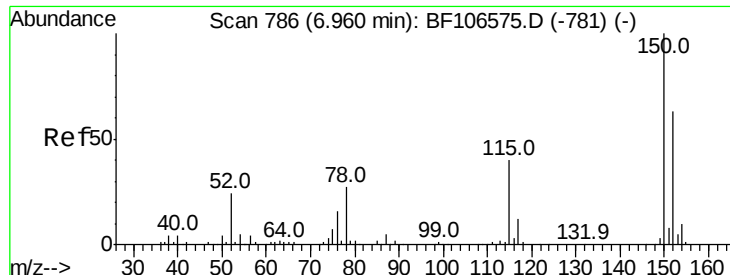
Sohil
 7/12/2018 2:19:55 PM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

43) 2,4,5-Trichlorophenol	9.28	196	95557	43.508	nq	# 88
45) 1,1'-Biphenyl	9.40	154	389904	52.033	nq	99
46) 2-Chloronaphthalene	9.43	162	277344	47.020	nq	95
47) 2-Nitroaniline	9.54	65	94516	47.652	nq	99
48) Acenaphthylene	9.85	152	432551	46.449	nq	100
49) Dimethylphthalate	9.70	163	333988	47.360	nq	98
50) 2,6-Dinitrotoluene	9.77	165	68392	45.799	nq	95
51) Acenaphthene	10.02	154	256984	43.823	nq	97
52) 3-Nitroaniline	9.95	138	81466	47.408	nq	99
53) 2,4-Dinitrophenol	10.08	184	8365	15.406	nq	# 22
54) Dibenzofuran	10.19	168	380820	47.426	nq	98
55) 4-Nitrophenol	10.14	139	55121	45.955	nq	96
56) 2,4-Dinitrotoluene	10.19	165	76127	39.056	nq	91
57) Fluorene	10.54	166	311281	48.852	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	76803	43.991	nq	# 75
59) Diethylphthalate	10.40	149	323671	47.554	nq	# 94
60) 4-Chlorophenyl-phenylether	10.52	204	167521	50.247	nq	# 86
61) 4-Nitroaniline	10.57	138	77346	45.353	nq	95
62) Azobenzene	10.68	77	294435	43.928	nq	92
64) 4,6-Dinitro-2-methylphenol	10.61	198	11965	10.970	nq	# 67
65) n-Nitrosodiphenylamine	10.64	169	270332	45.549	nq	99
66) 4-Bromophenyl-phenylether	11.01	248	110196	52.329	nq	# 78
67) Hexachlorobenzene	11.09	284	115028	52.190	nq	# 82
68) Atrazine	11.17	200	85617	45.379	nq	93
69) Pentachlorophenol	11.30	266	38265	34.795	nq	98
70) Phenanthrene	11.51	178	444951	52.283	nq	99
71) Anthracene	11.56	178	461297	53.104	nq	99
72) Carbazole	11.72	167	406505	49.983	nq	98
73) Di-n-butylphthalate	12.02	149	478203	49.910	nq	98
74) Fluoranthene	12.70	202	490819	52.325	nq	96
76) Benzidine	12.82	184	358282	90.832	nq	97
77) Pyrene	12.94	202	492349	53.908	nq	100
79) Butylbenzylphthalate	13.53	149	197162	52.505	nq	# 93
80) Benzo(a)anthracene	14.13	228	437195	51.793	nq	99
81) 3,3'-Dichlorobenzidine	14.08	252	154633	52.122	nq	# 96
82) Chrysene	14.17	228	404227	52.052	nq	98
83) Bis(2-ethylhexyl)phthalate	14.08	149	252335	52.561	nq	96
84) Di-n-octyl phthalate	14.70	149	449417	57.430	nq	97
85) Indeno(1,2,3-cd)pyrene	17.27	276	322366	48.915	nq	# 90
87) Benzo(b)fluoranthene	15.22	252	362459	52.353	nq	# 96
88) Benzo(k)fluoranthene	15.25	252	328944	49.892	nq	# 94
89) Benzo(a)pyrene	15.61	252	320266	52.036	nq	# 97
90) Dibenzo(a,h)anthracene	17.27	278	270009	51.765	nq	# 94
91) Benzo(g,h,i)perylene	17.75	276	266011	52.176	nq	# 90

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



#1

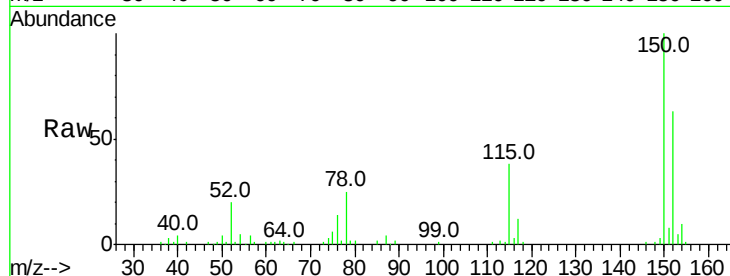
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Instrument :
BNA_F
ClientSampleId :
PB111003BS

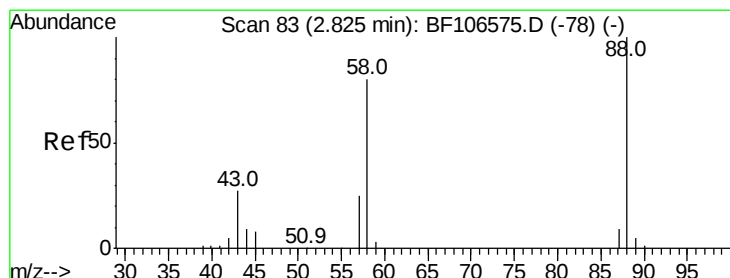
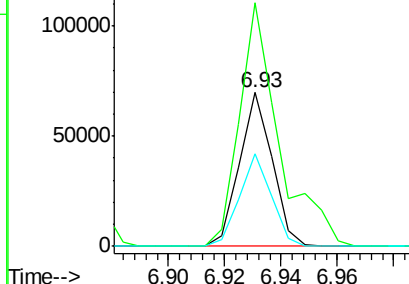
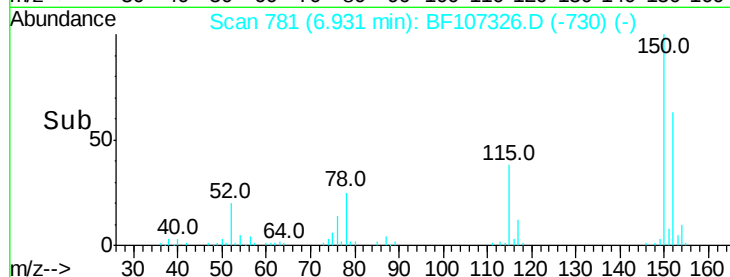
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.6	186.8
115	60.0	50.1	75.1

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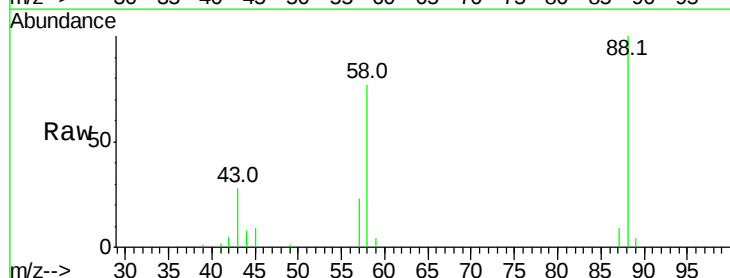
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



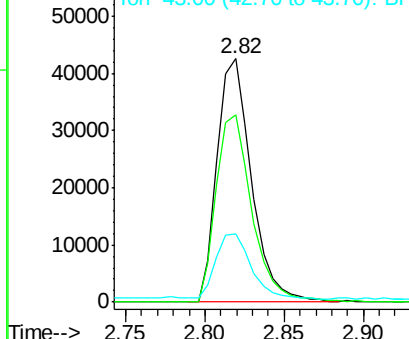
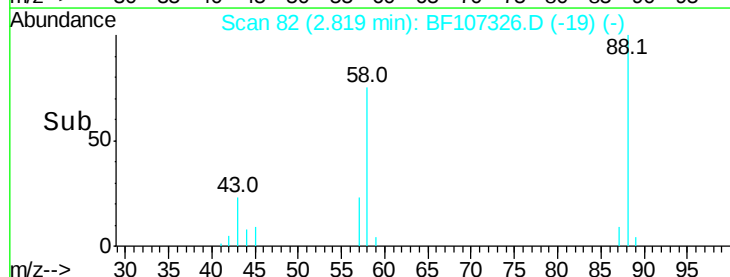
#2

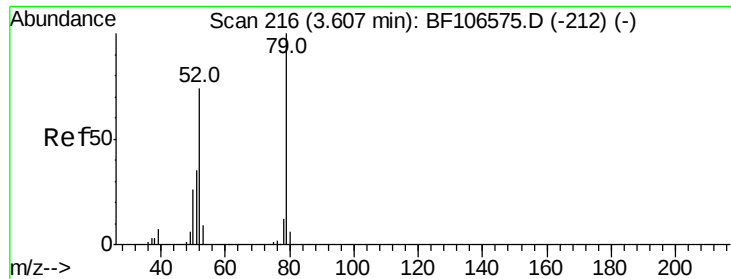
1,4-Dioxane
Concen: 37.756 ng
RT: 2.82 min Scan# 82
Delta R.T. 0.07 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.5	62.6	93.8
43	27.7	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: 41.063 ng

RT: 3.60 min Scan# 214

Delta R.T. 0.05 min

Lab File: BF107326.D

Acq: 12 Jul 2018 3:34

Instrument :

BNA_F

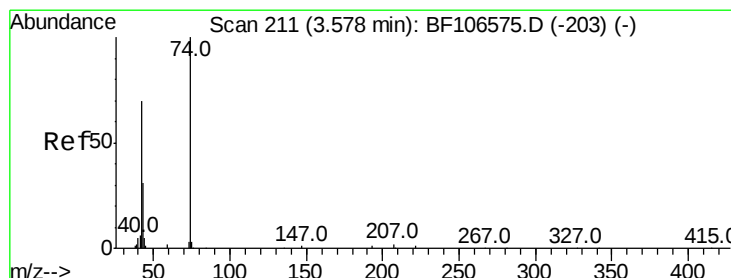
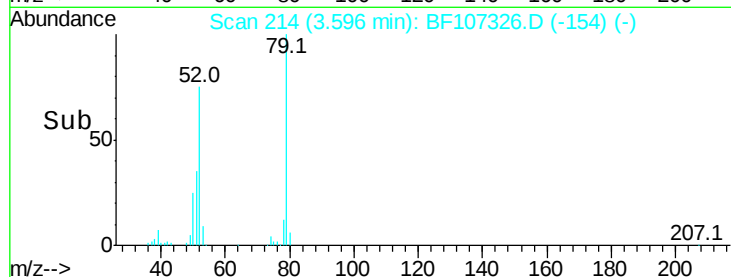
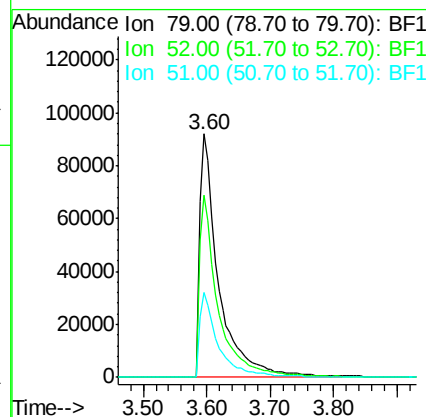
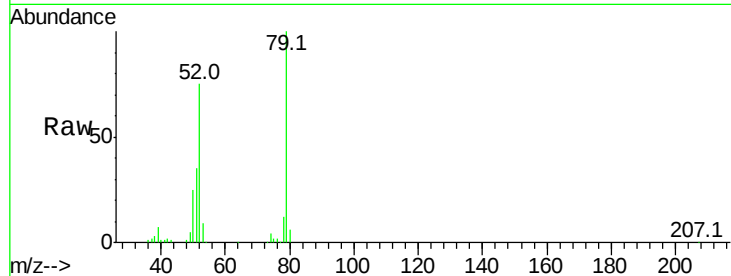
ClientSampleId :

PB111003BS

Tot Ion:	79	Resp:	189379
Ion Ratio	Lower	Upper	
79	100		
52	75.1	59.8	89.6
51	34.6	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 40.710 ng

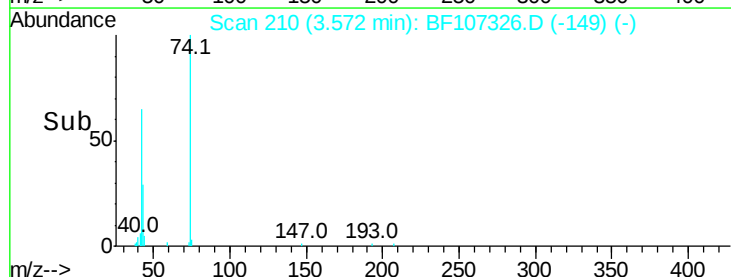
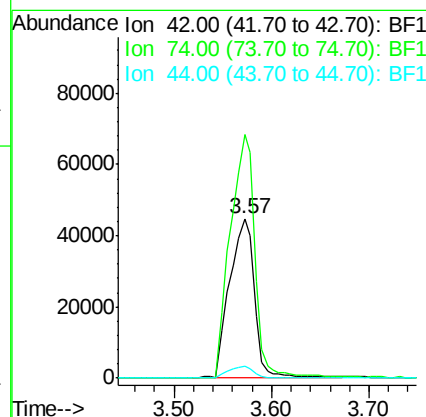
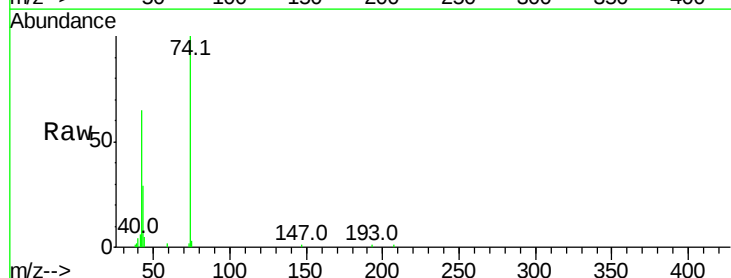
RT: 3.57 min Scan# 210

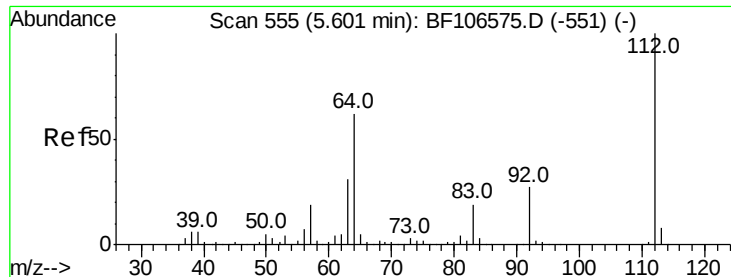
Delta R.T. 0.06 min

Lab File: BF107326.D

Acq: 12 Jul 2018 3:34

Tgt Ion:	42	Resp:	79743
Ion Ratio	Lower	Upper	
42	100		
74	152.7	104.9	157.3
44	7.6	6.9	10.3





#5

2-Fluorophenol

Concen: 95.945 ng

RT: 5.58 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF107326.D

Acq: 12 Jul 2018 3:34

Instrument :

BNA_F

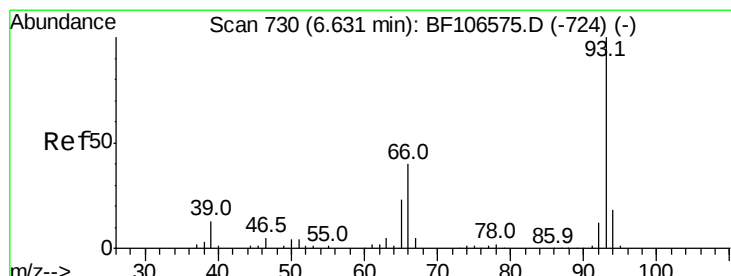
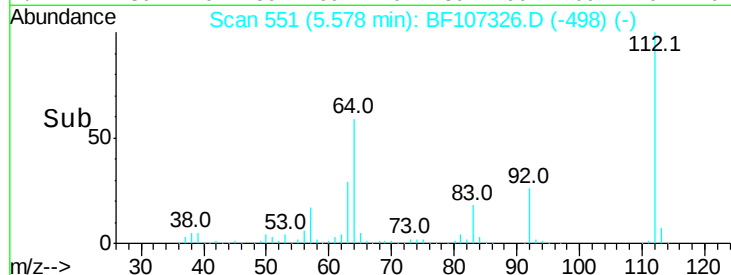
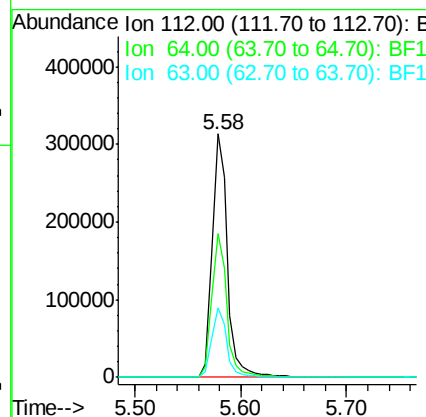
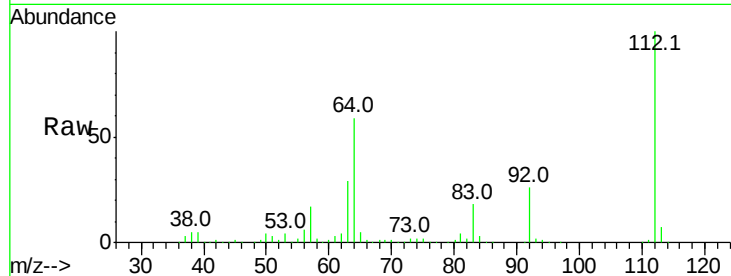
ClientSampleId :

PB111003BS

Tot Ion:	112	Resp:	317358
Ion Ratio	Lower	Upper	
112	100		
64	58.9	47.9	71.9
63	28.7	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 30.996 ng

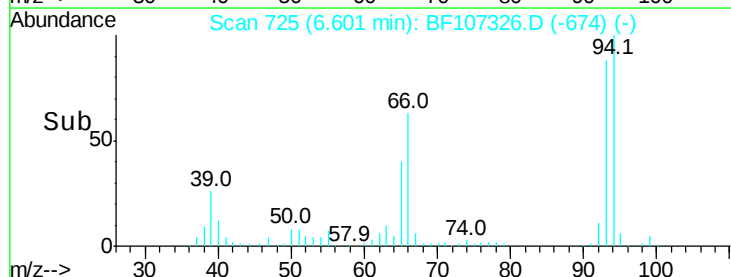
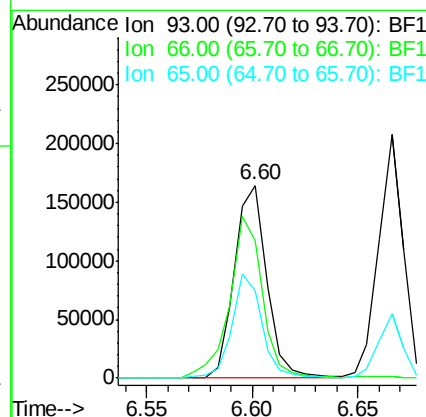
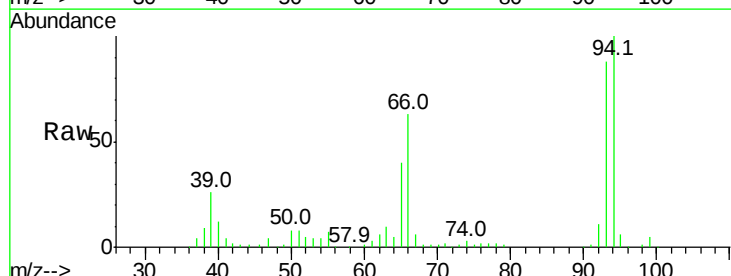
RT: 6.60 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF107326.D

Acq: 12 Jul 2018 3:34

Tgt Ion:	93	Resp:	173678
Ion Ratio	Lower	Upper	
93	100		
66	71.4	32.2	48.2#
65	45.6	16.4	24.6#





#7

Phenol-d6

Concen: 91.803 ng

RT: 6.58 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF107326.D

Acq: 12 Jul 2018 3:34

Instrument :

BNA_F

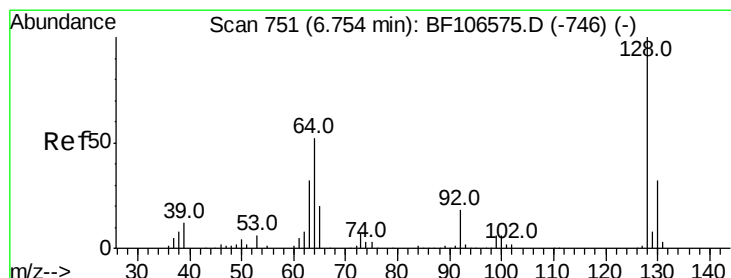
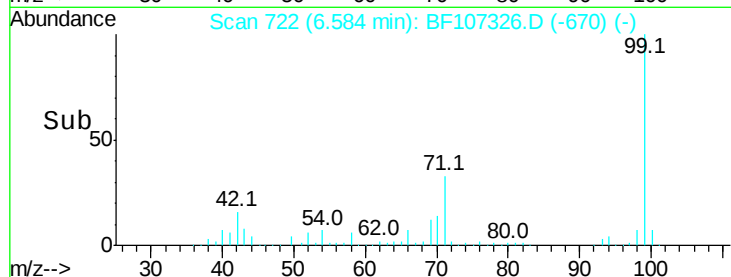
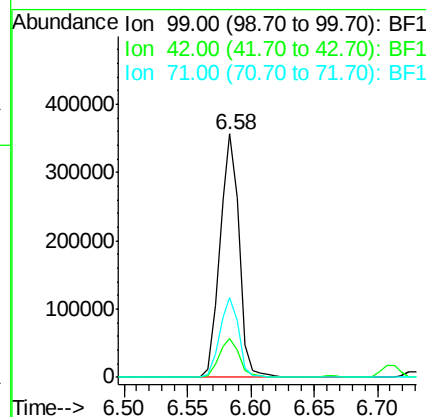
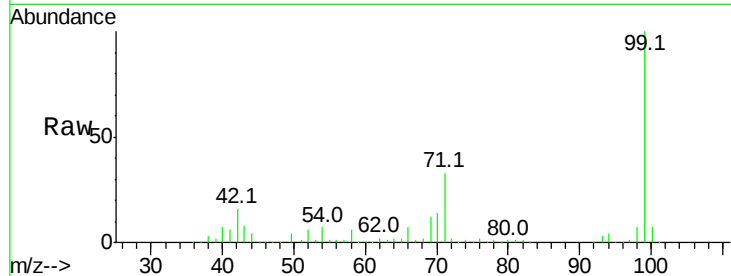
ClientSampleId :

PB111003BS

Tot Ion:	99	Resp:	379208
Ion Ratio	Lower	Upper	
99	100		
42	15.9	14.5	21.7
71	32.7	25.4	38.0

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#8

2-Chlorophenol

Concen: 45.860 ng

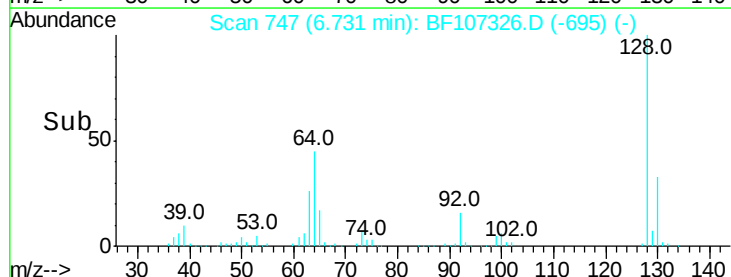
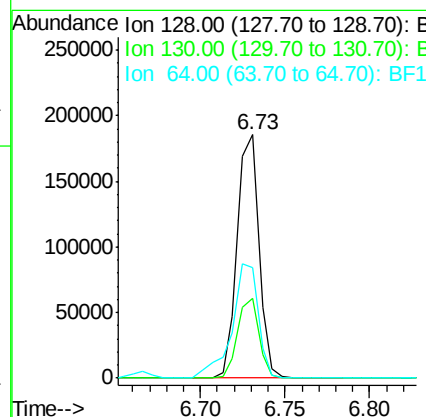
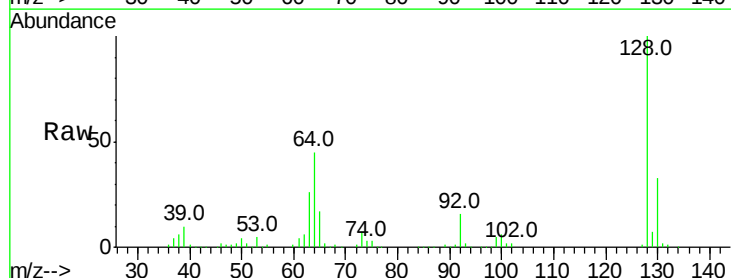
RT: 6.73 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF107326.D

Acq: 12 Jul 2018 3:34

Tgt Ion:	128	Resp:	166376
Ion Ratio	Lower	Upper	
128	100		
130	32.6	13.0	53.0
64	45.2	29.4	69.4





#9

Benzaldehyde

Concen: 22.992 ng

RT: 6.49 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF107326.D

Acq: 12 Jul 2018 3:34

Instrument :

BNA_F

ClientSampleId :

PB111003BS

Tot Ion: 77 Resp: 72590

Ion Ratio Lower Upper

77 100

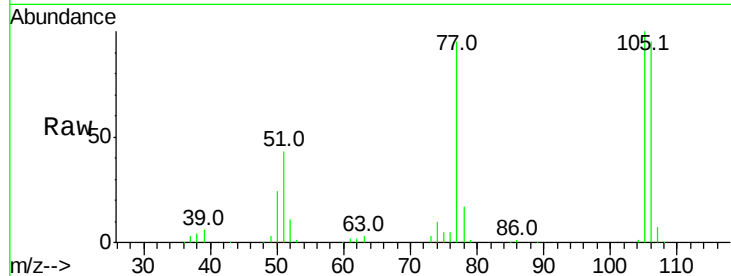
105 105.0 81.1 121.1

106 99.6 74.5 114.5

Manual Integrations
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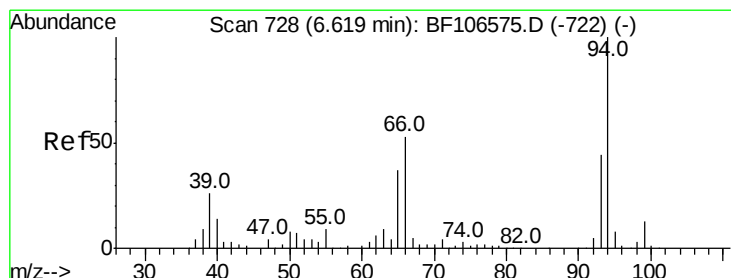
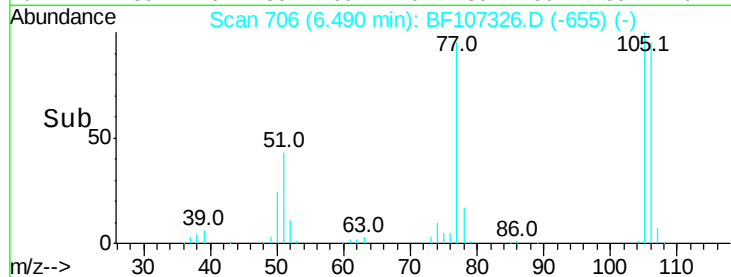
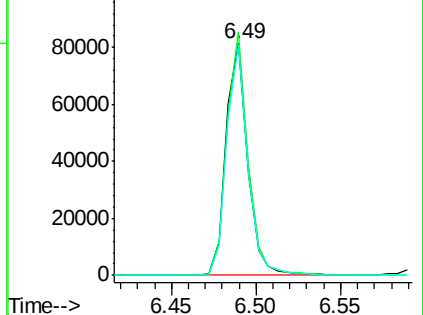
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 43.487 ng

RT: 6.60 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF107326.D

Acq: 12 Jul 2018 3:34

Tgt Ion: 94 Resp: 205000

Ion Ratio Lower Upper

94 100

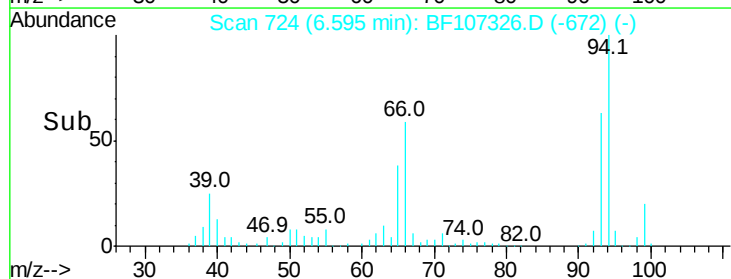
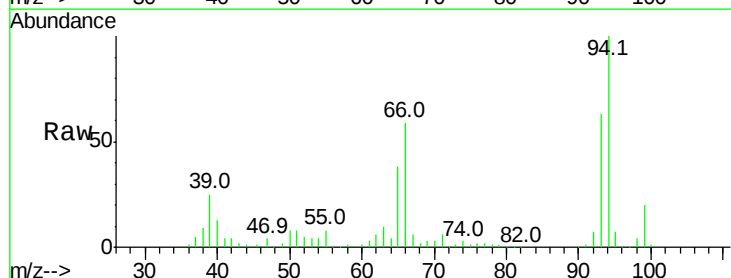
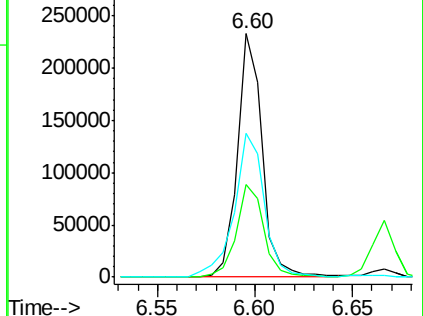
65 38.2 7.9 47.9

66 59.2 16.2 56.2#

Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





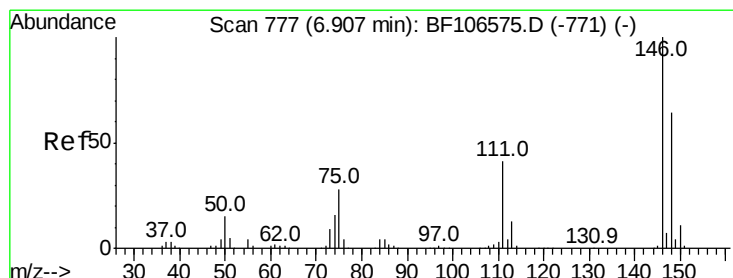
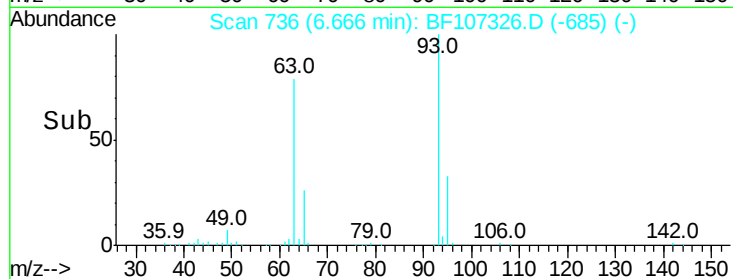
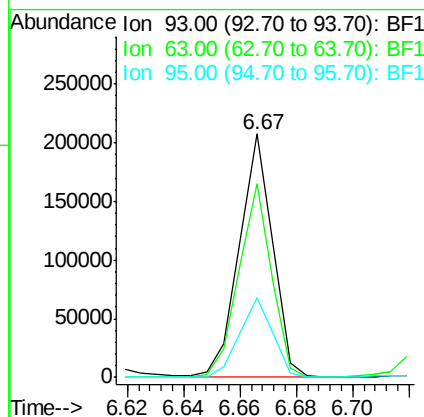
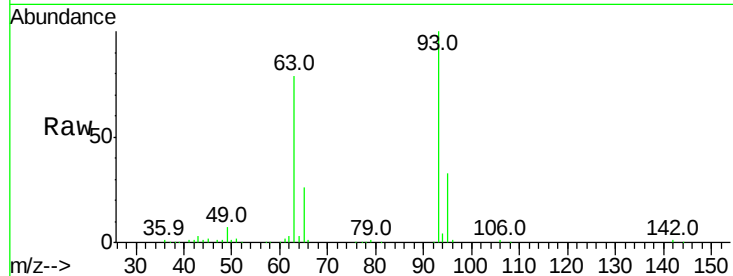
#11
bis(2-Chloroethyl)ether
Concen: 43.514 ng
RT: 6.67 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Instrument :
BNA_F
ClientSampleId :
PB111003BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	169343		
63	79.4	58.6	98.6	
95	32.5	11.8	51.8	

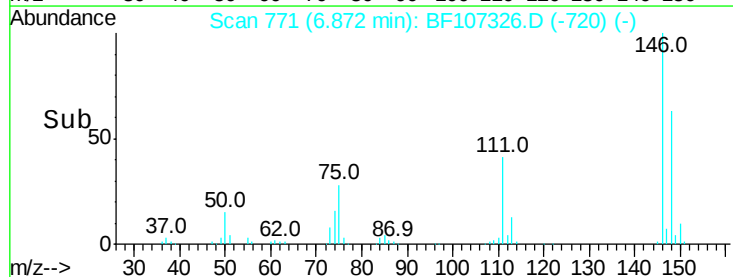
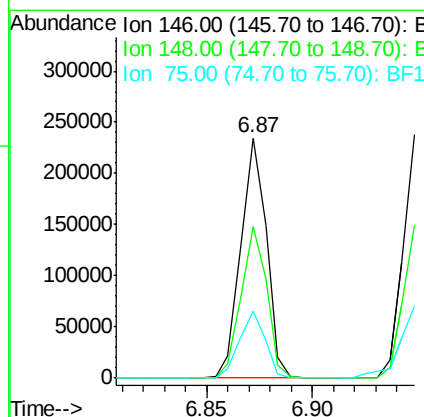
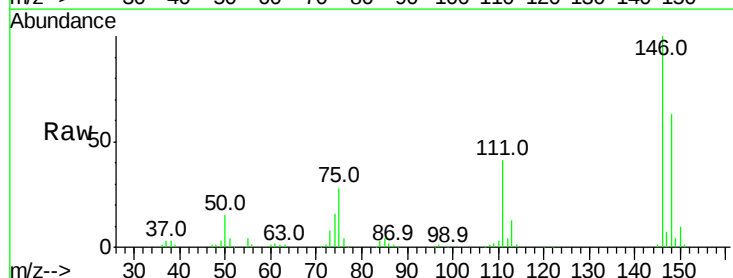
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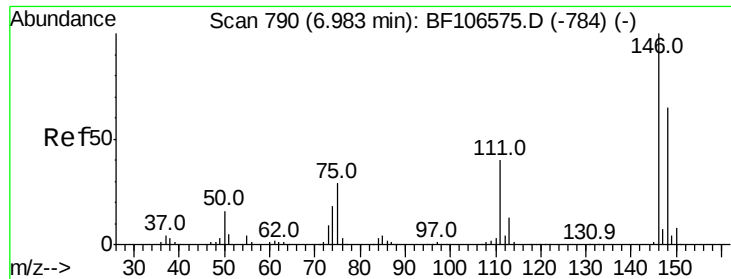
Sohil
7/12/2018 2:19:55 PM



#12
1,3-Dichlorobenzene
Concen: 46.178 ng
RT: 6.87 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	196218		
148	63.2	51.8	77.8	
75	28.1	24.2	36.4	





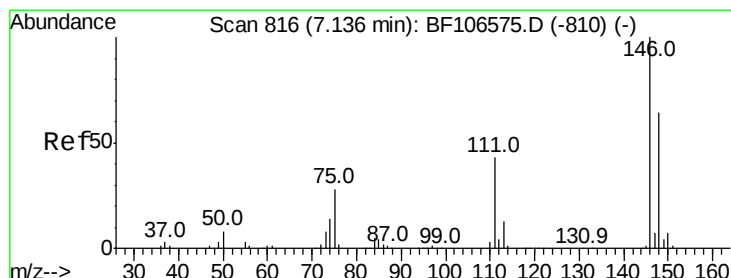
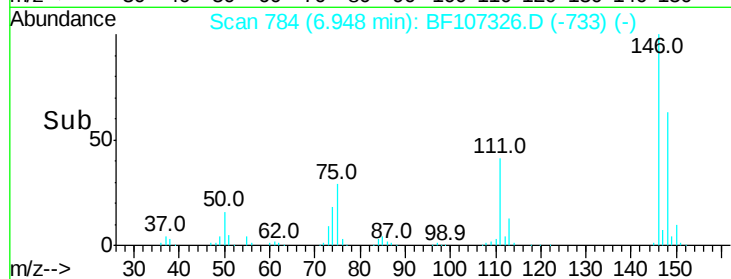
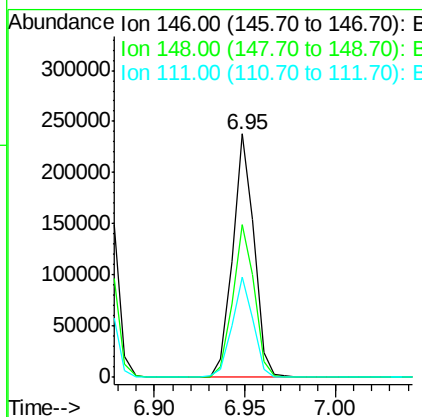
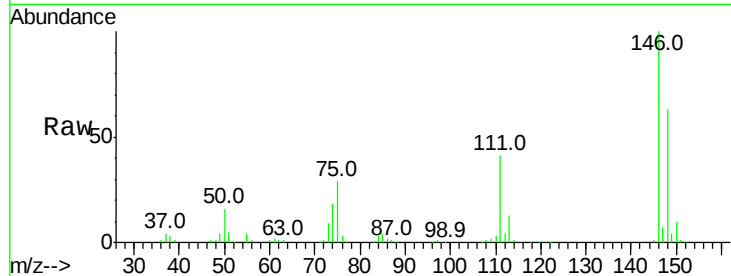
#13
 1,4-Dichlorobenzene
 Concen: 45.402 ng
 RT: 6.95 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BF107326.D
 Acq: 12 Jul 2018 3:34

Instrument :
 BNA_F
 ClientSampleId :
 PB111003BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.8	76.2
111	41.0	34.2	51.2

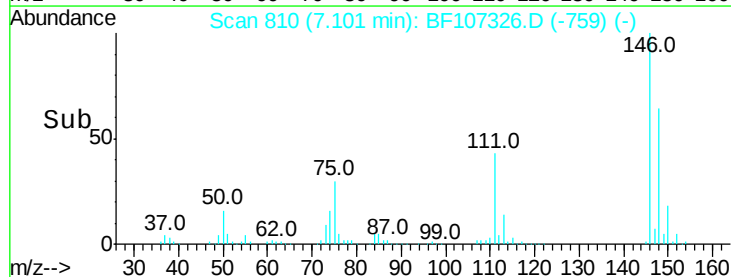
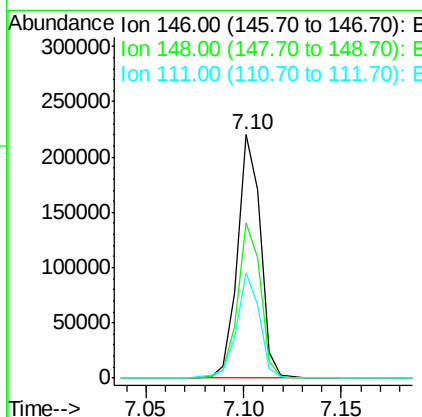
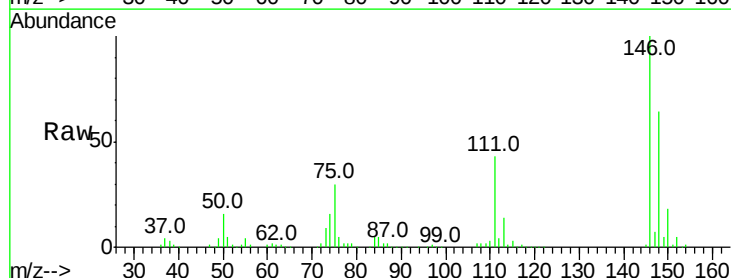
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#14
 1,2-Dichlorobenzene
 Concen: 45.541 ng
 RT: 7.10 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF107326.D
 Acq: 12 Jul 2018 3:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.6	75.8
111	43.4	36.0	54.0





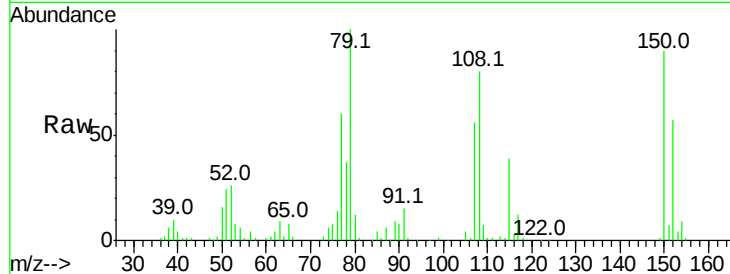
#15
Benzyl Alcohol
Concen: 40.877 ng
RT: 7.08 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Instrument :
BNA_F
ClientSampled :
PB111003BS

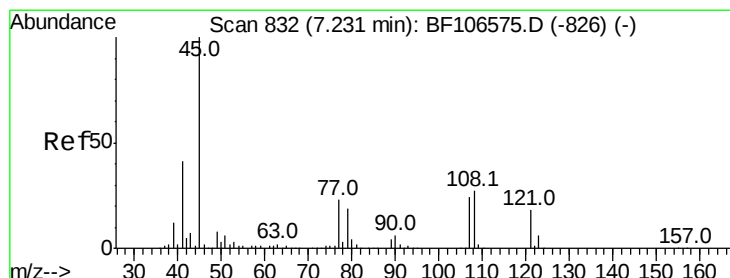
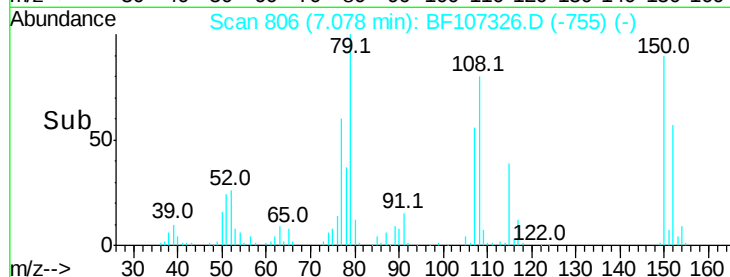
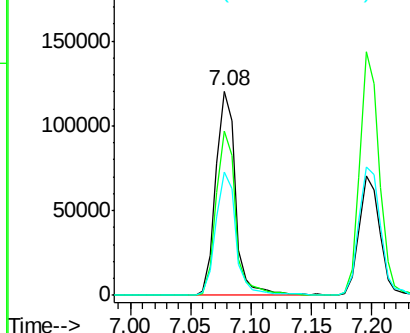
Tot Ion	Ratio	Lower	Upper
79	100		
108	80.3	65.1	97.7
77	60.3	50.6	75.8

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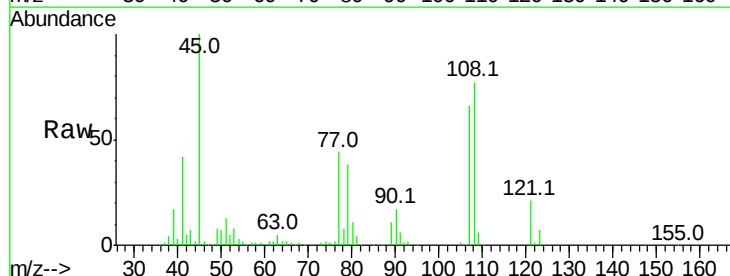


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

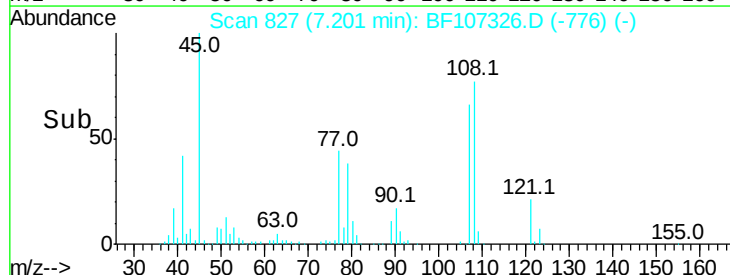
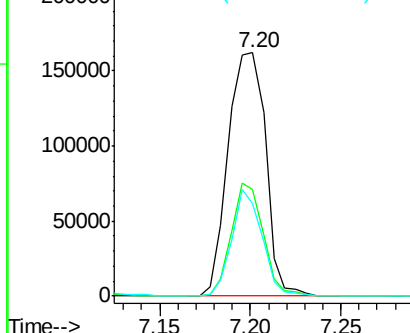


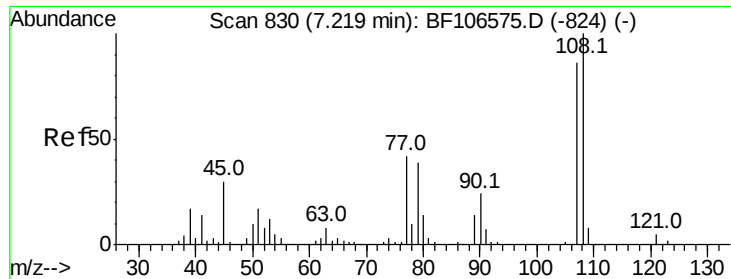
#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.797 ng
RT: 7.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Tgt Ion	Ratio	Lower	Upper
45	100		
77	43.7	0.0	32.9#
79	38.2	0.0	29.6#



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





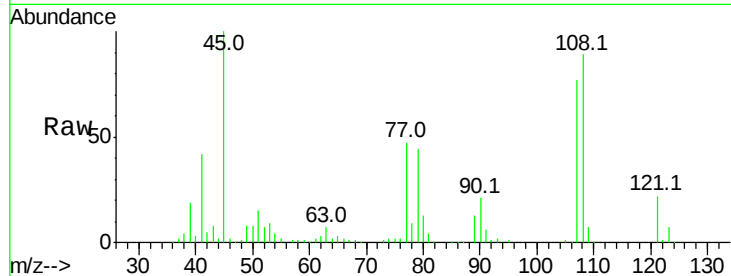
#17
2-Methylphenol
Concen: 44.932 ng
RT: 7.20 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Instrument :
BNA_F
ClientSampleId :
PB111003BS

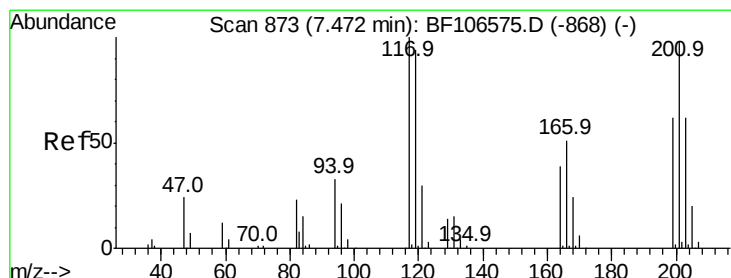
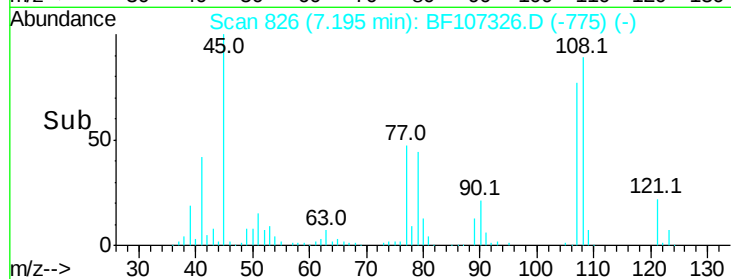
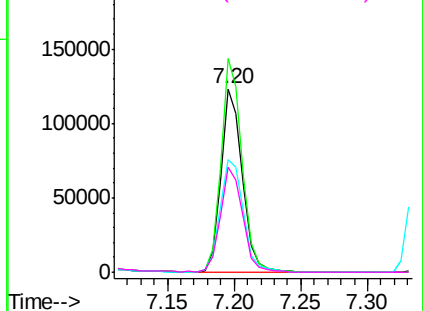
Tot Ion	Ratio	Lower	Upper
107	100		
108	116.6	91.7	137.5
77	61.5	33.8	50.8#
79	57.4	33.8	50.8#

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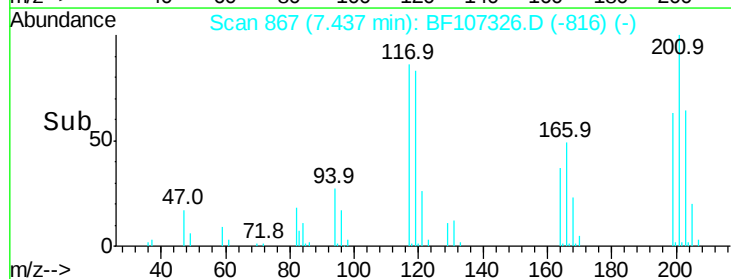
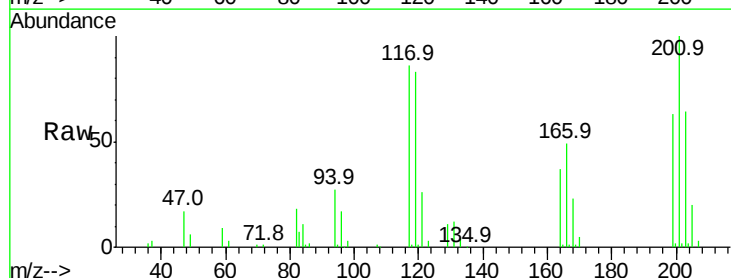
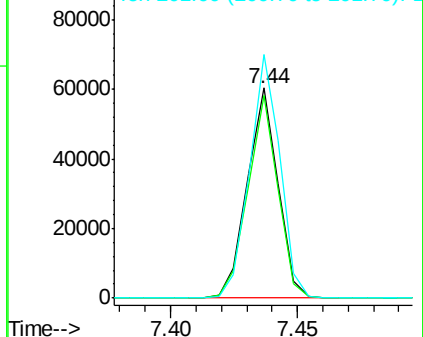
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

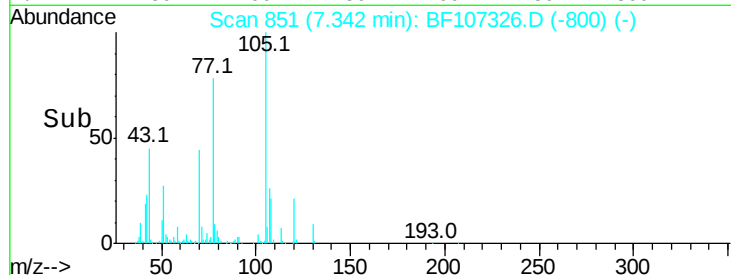
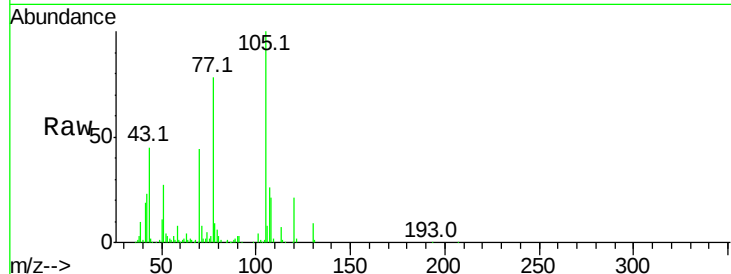


#18
Hexachloroethane
Concen: 33.525 ng
RT: 7.44 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	75.8	113.8
201	116.0	75.7	113.5#

Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





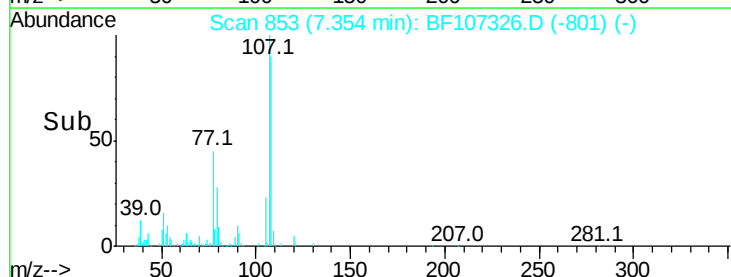
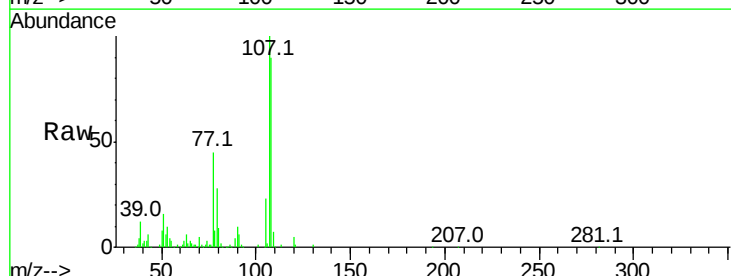
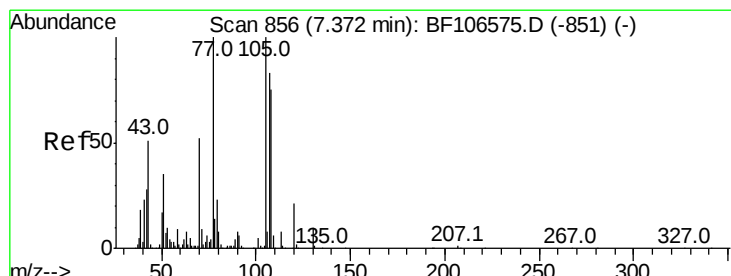
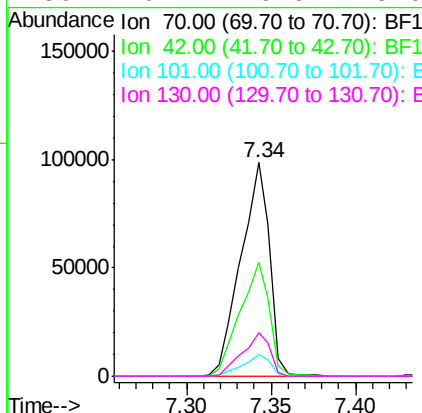
#19
n-Nitroso-di-n-propylamine
Concen: 42.879 ng
RT: 7.34 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Instrument :
BNA_F
ClientSampleId :
PB111003BS

Tot Ion	70	Resp	116753
Ion Ratio	Lower	Upper	
70	100		
42	53.4	47.5	71.3
101	10.1	7.4	11.2
130	20.2	16.6	25.0

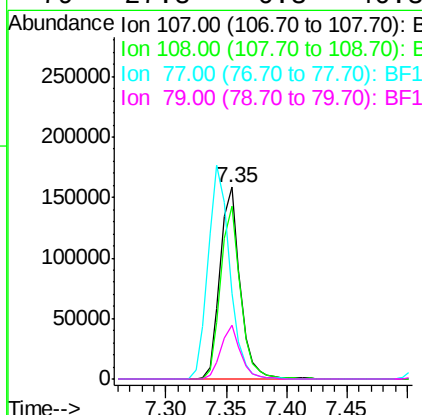
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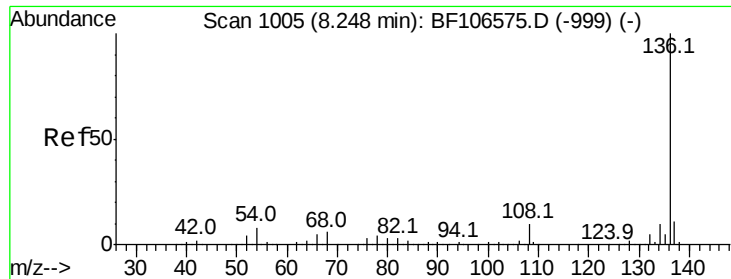
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#20
3+4-Methylphenols
Concen: 59.911 ng
RT: 7.35 min Scan# 853
Delta R.T. 0.01 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Tgt Ion	107	Resp	182402
Ion Ratio	Lower	Upper	
107	100		
108	90.4	68.2	108.2
77	44.9	26.7	66.7
79	27.8	6.3	46.3





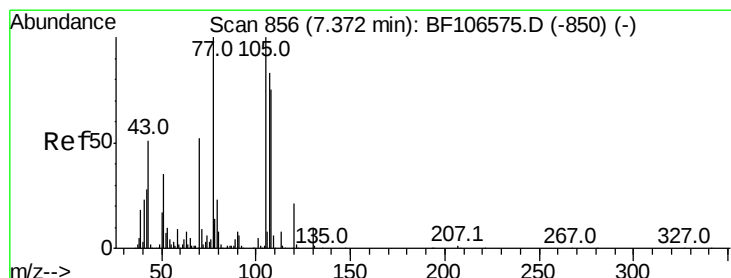
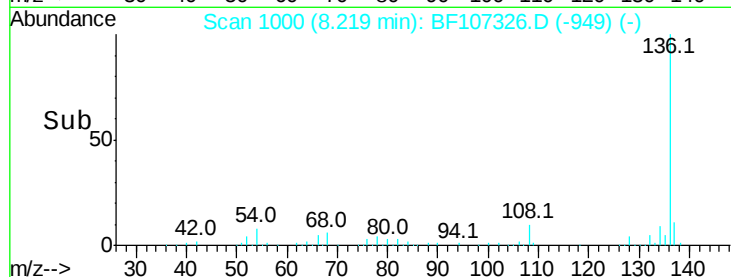
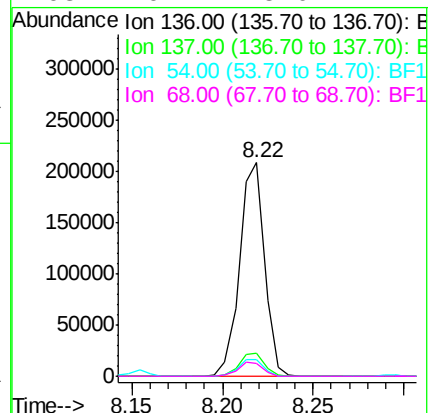
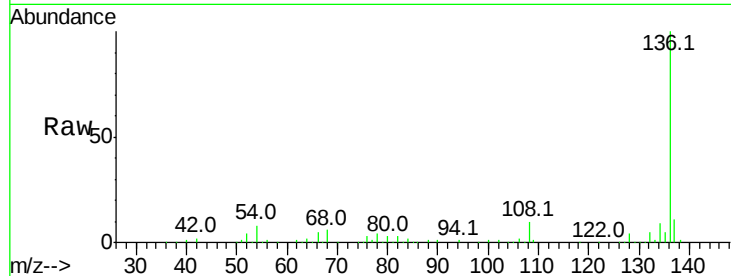
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Instrument :
BNA_F
ClientSampleId :
PB111003BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	199435		
137	10.6	8.9	13.3	
54	7.7	6.6	9.8	
68	6.1	5.0	7.4	

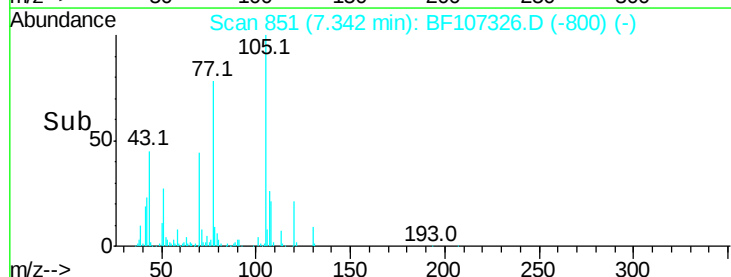
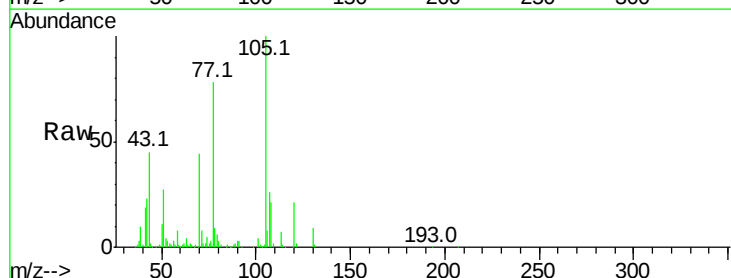
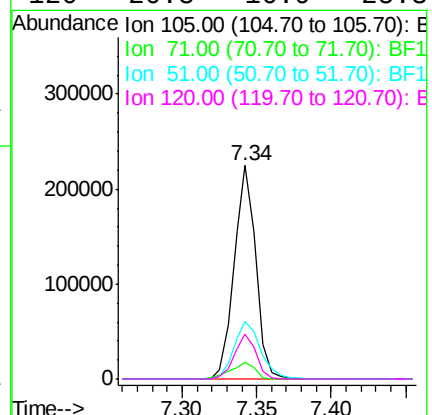
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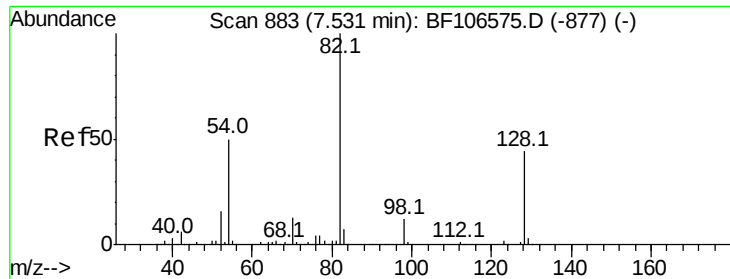
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#22
Acetophenone
Concen: 51.523 ng
RT: 7.34 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	229889		
71	7.6	4.4	6.6#	
51	26.8	22.3	33.5	
120	20.8	16.9	25.3	





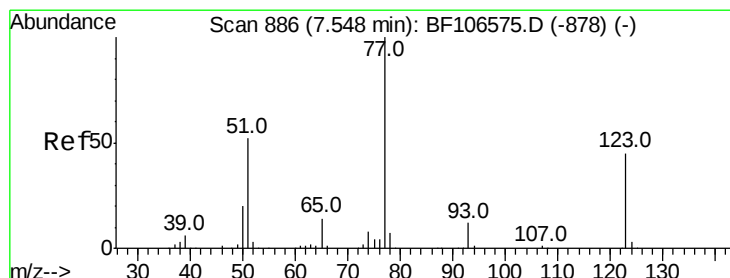
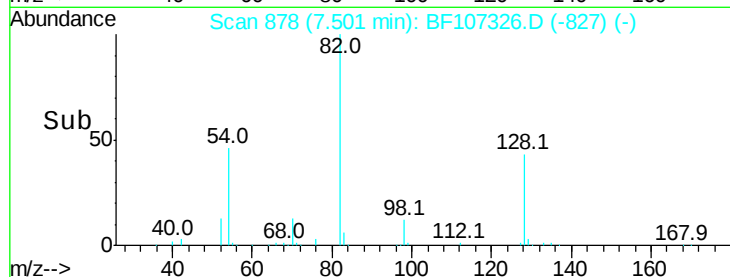
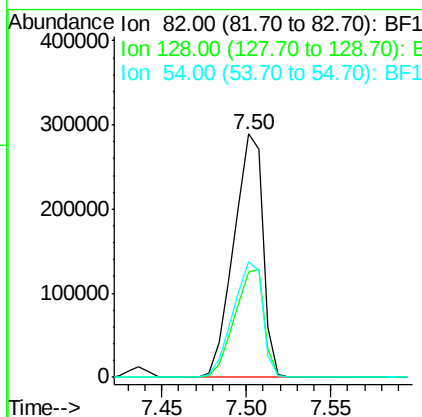
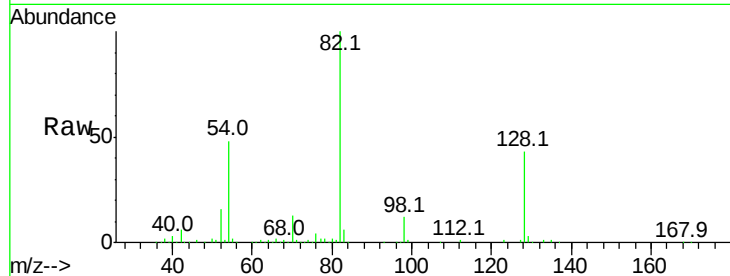
#23
 Nitrobenzene-d5
 Concen: 97.213 ng
 RT: 7.50 min Scan# 878
 Delta R.T. 0.00 min
 Lab File: BF107326.D
 Acq: 12 Jul 2018 3:34

Instrument :
 BNA_F
 ClientSampleId :
 PB111003BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.1	36.1	54.1	
54	47.6	41.4	62.2	

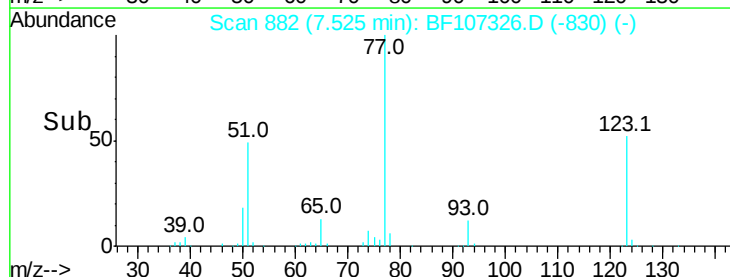
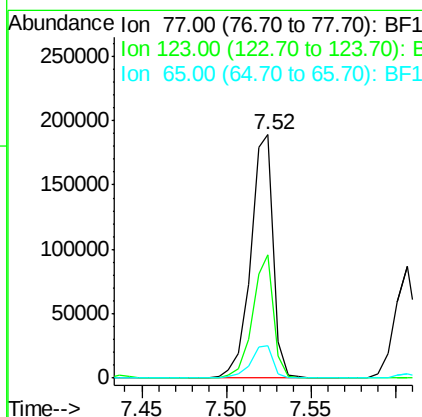
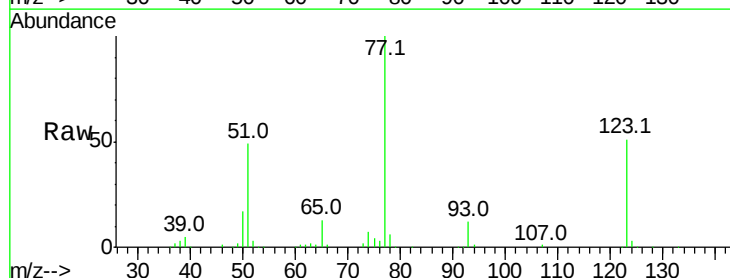
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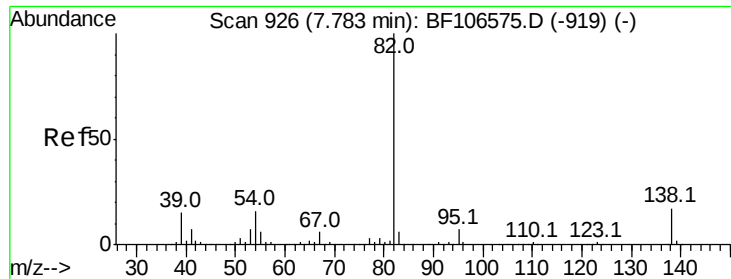
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#24
 Nitrobenzene
 Concen: 48.278 ng
 RT: 7.52 min Scan# 882
 Delta R.T. 0.01 min
 Lab File: BF107326.D
 Acq: 12 Jul 2018 3:34

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	50.7	37.9	56.9	
65	13.3	11.0	16.4	





#25

Isophorone

Concen: 52.211 ng

RT: 7.75 min Scan# 921

Delta R.T. 0.00 min

Lab File: BF107326.D

Acq: 12 Jul 2018 3:34

Instrument :

BNA_F

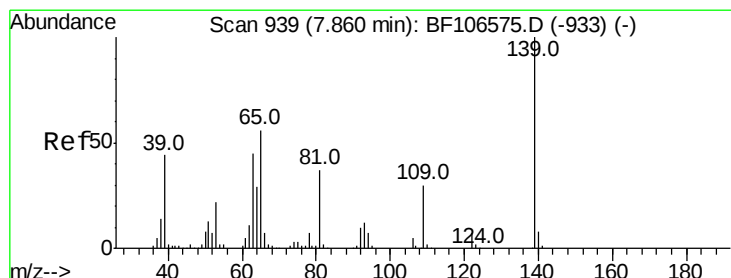
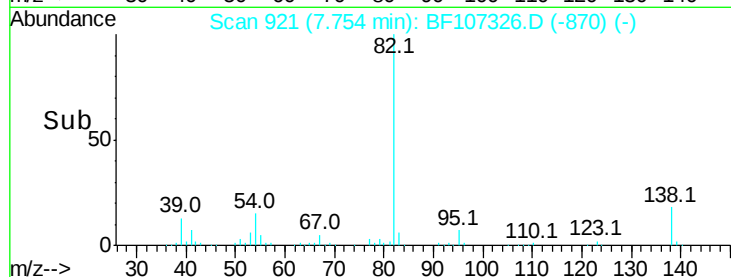
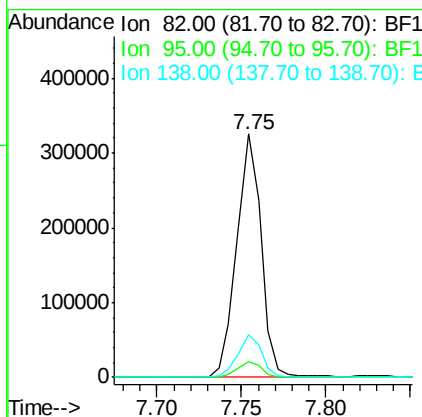
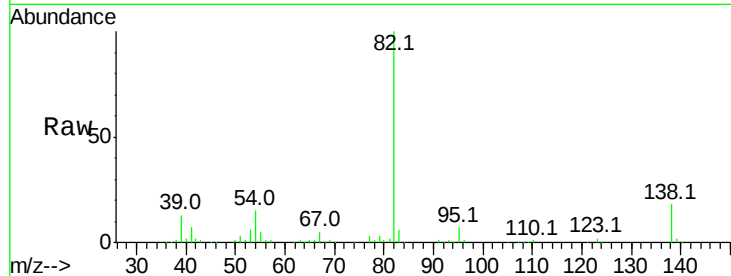
ClientSampleId :

PB111003BS

Tot Ion:	82	Resp:	330171
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.2	7.8
138	17.6	14.9	22.3

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#26

2-Nitrophenol

Concen: 40.531 ng

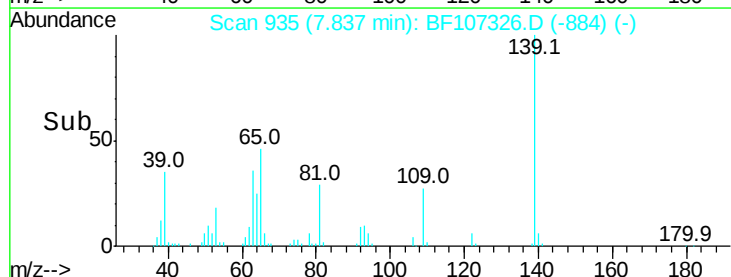
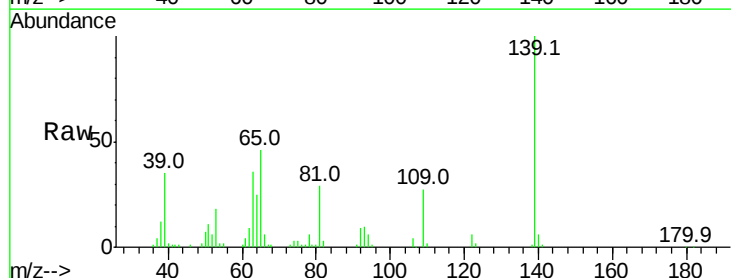
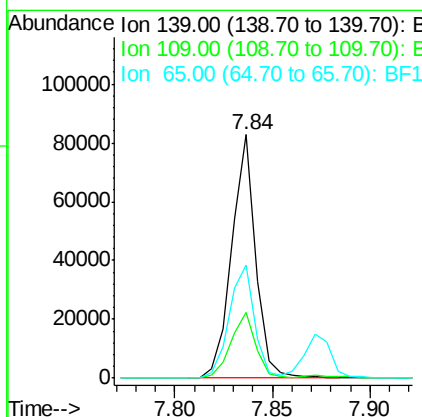
RT: 7.84 min Scan# 935

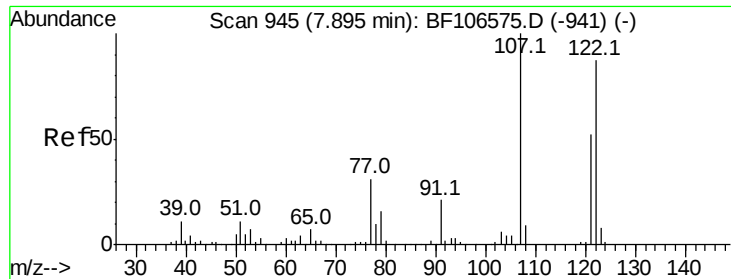
Delta R.T. 0.00 min

Lab File: BF107326.D

Acq: 12 Jul 2018 3:34

Tgt Ion:	139	Resp:	70102
Ion Ratio	Lower	Upper	
139	100		
109	27.0	22.7	34.1
65	46.2	40.5	60.7





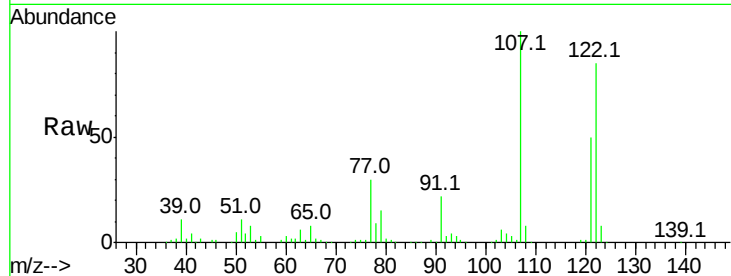
#27
2,4-Dimethylphenol
Concen: 56.335 ng
RT: 7.87 min Scan# 941
Delta R.T. 0.00 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Instrument :
BNA_F
ClientSampleId :
PB111003BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	150603		
107	117.2	91.2	136.8	
121	59.1	47.2	70.8	

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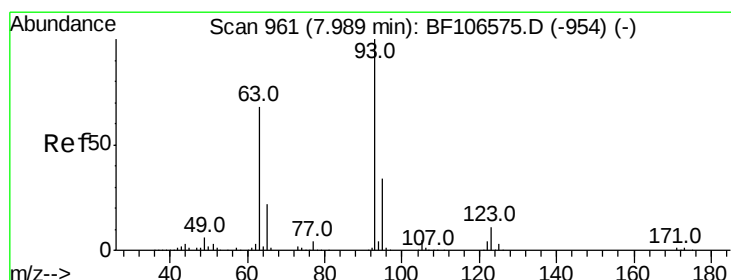
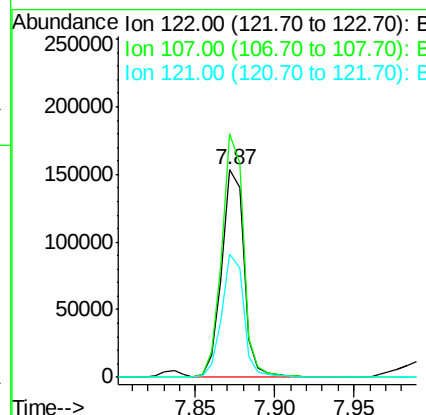
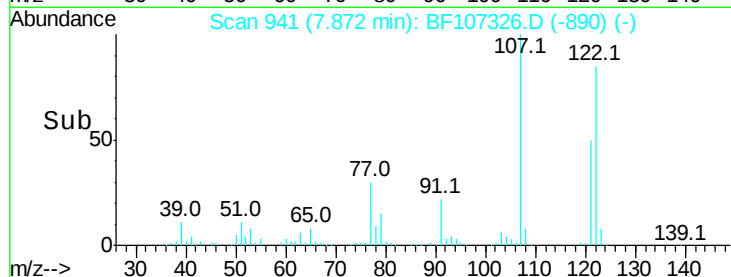


Abundance

Ion 122.00 (121.70 to 122.70): E

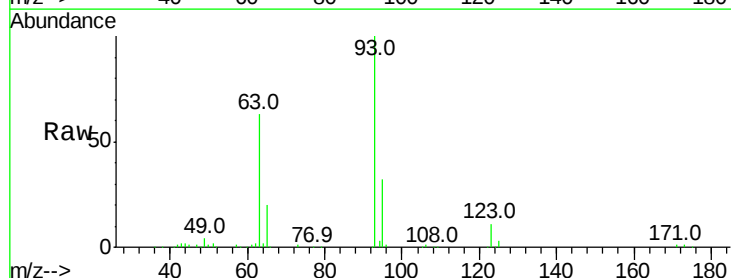
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 50.148 ng
RT: 7.96 min Scan# 956
Delta R.T. 0.00 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	212926		
95	32.1	26.3	39.5	
123	10.8	9.8	14.6	

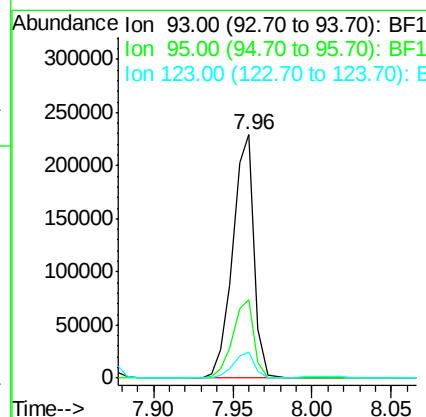
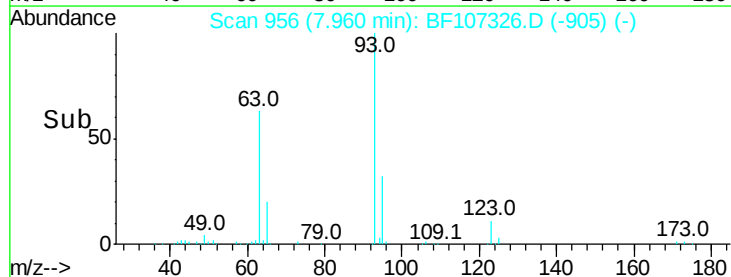


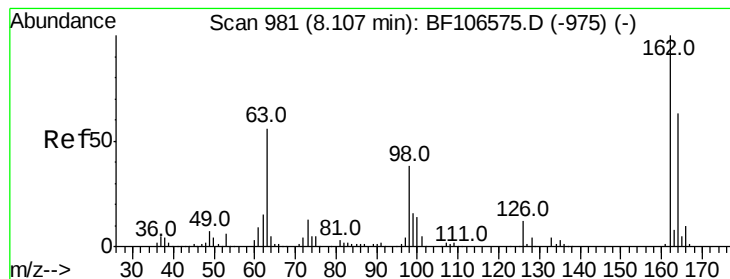
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 51.888 ng

RT: 8.08 min Scan# 977

Delta R.T. 0.00 min

Lab File: BF107326.D

Acq: 12 Jul 2018 3:34

Instrument :

BNA_F

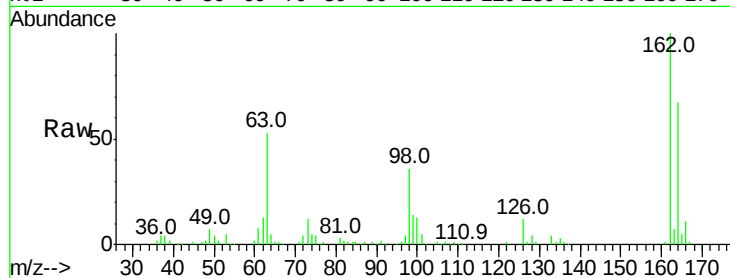
ClientSampleId :

PB111003BS

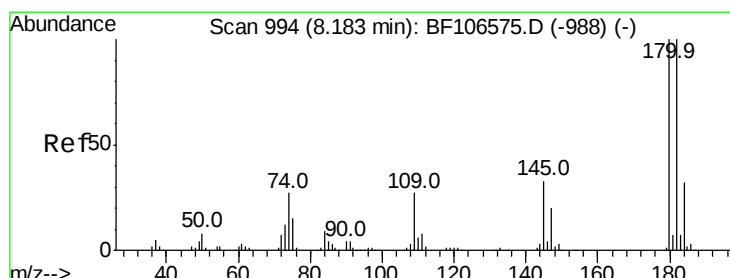
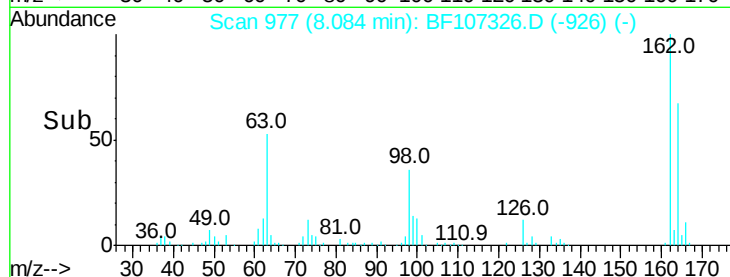
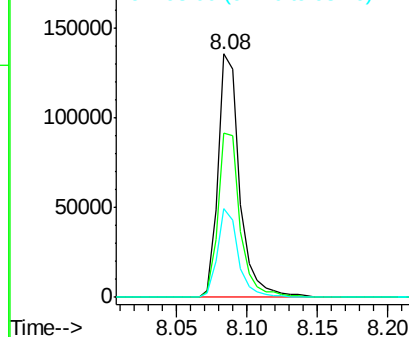
Tot Ion:	162	Resp:	145225
Ion Ratio	Lower	Upper	
162	100		
164	67.2	42.7	82.7
98	36.2	18.1	58.1

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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: 52.890 ng

RT: 8.16 min Scan# 990

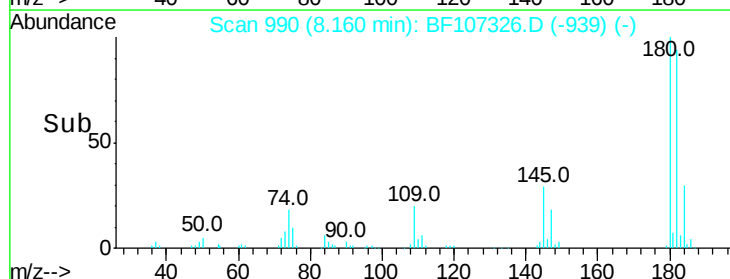
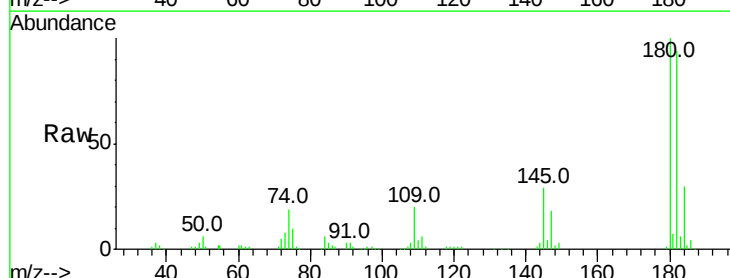
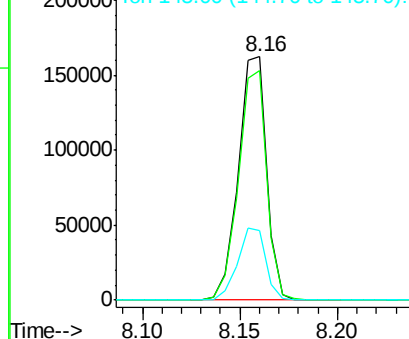
Delta R.T. 0.00 min

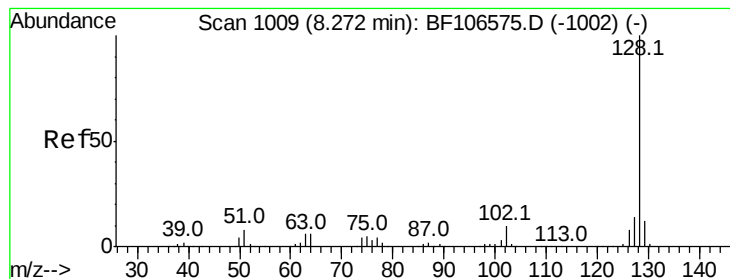
Lab File: BF107326.D

Acq: 12 Jul 2018 3:34

Tgt Ion:	180	Resp:	163072
Ion Ratio	Lower	Upper	
180	100		
182	94.4	76.8	115.2
145	28.5	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: 49.650 ng

RT: 8.24 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BF107326.D

Acq: 12 Jul 2018 3:34

Instrument :

BNA_F

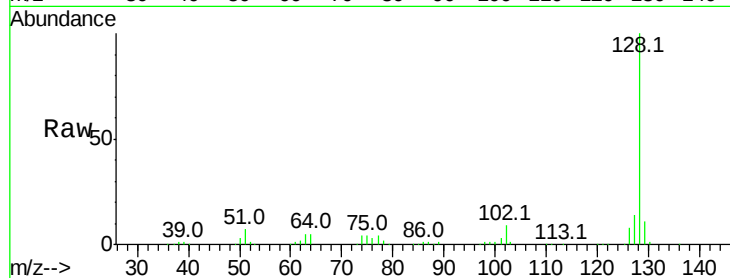
ClientSampleId :

PB111003BS

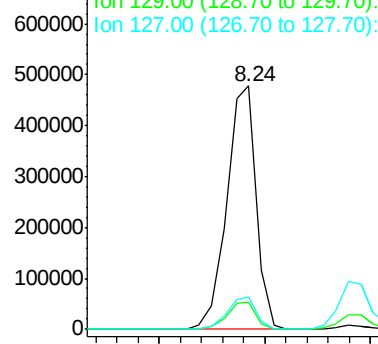
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.5	10.9	16.3

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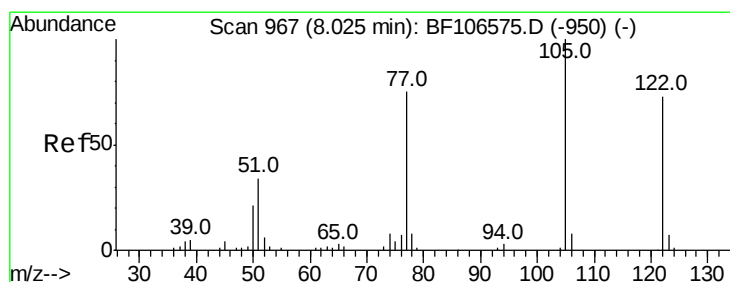
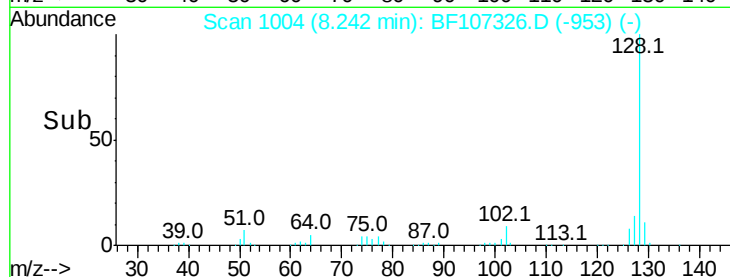
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



Time-->



#32

Benzoic acid

Concen: 29.490 ng m

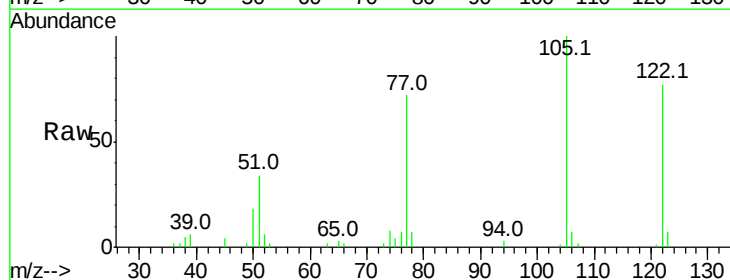
RT: 8.01 min Scan# 965

Delta R.T. 0.00 min

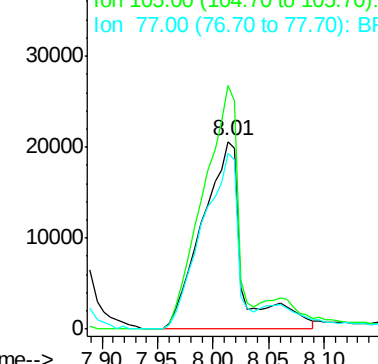
Lab File: BF107326.D

Acq: 12 Jul 2018 3:34

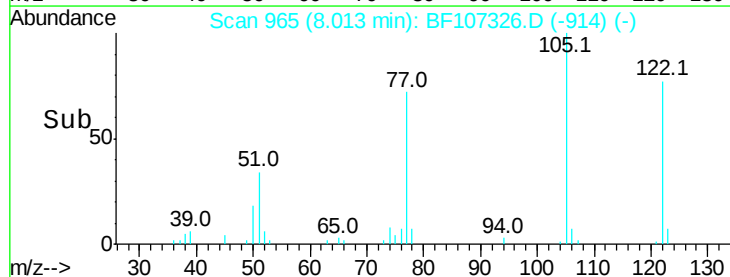
Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.7	101.1	141.1
77	93.7	70.7	110.7

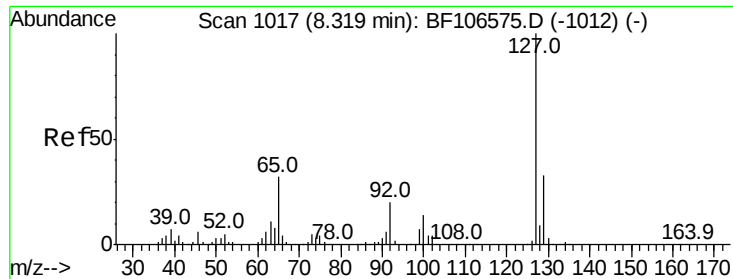


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1



Time-->





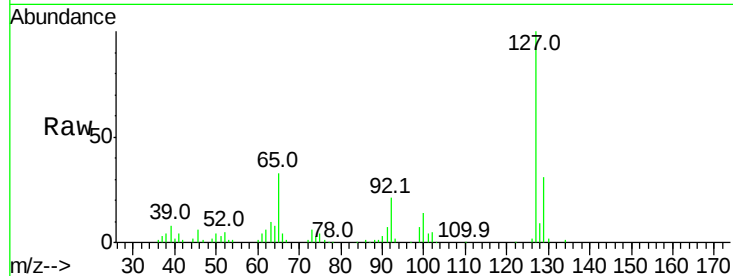
#33
4-Chloroaniline
Concen: 27.692 ng
RT: 8.29 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Instrument :
BNA_F
ClientSampleId :
PB111003BS

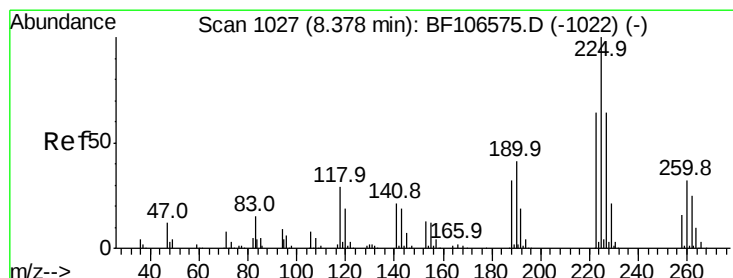
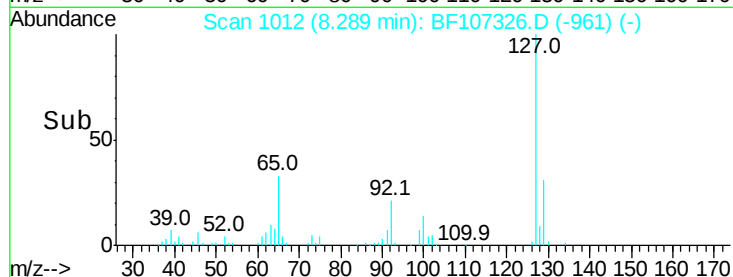
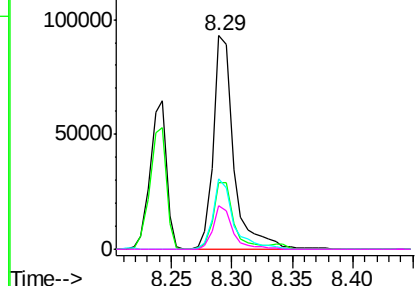
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.1	25.9	38.9	
65	33.1	25.0	37.4	
92	20.5	15.2	22.8	

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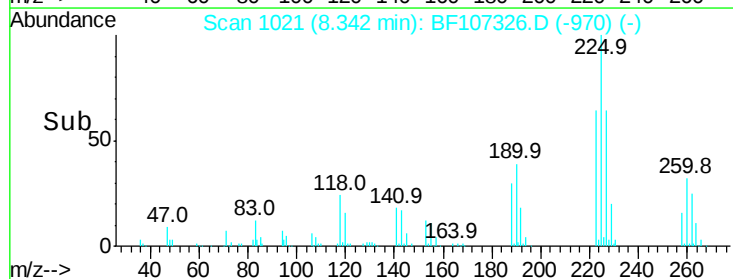
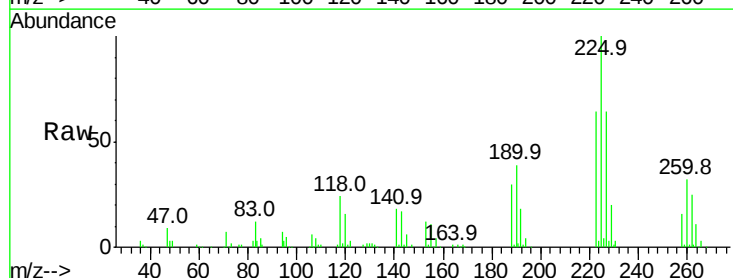
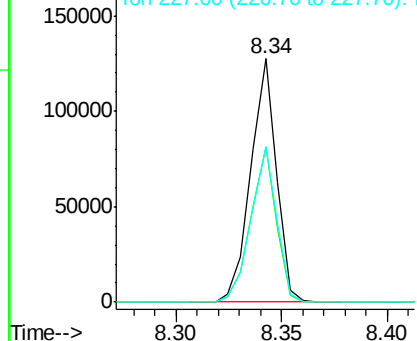
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

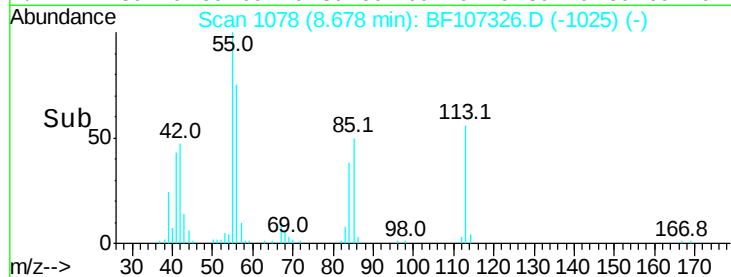
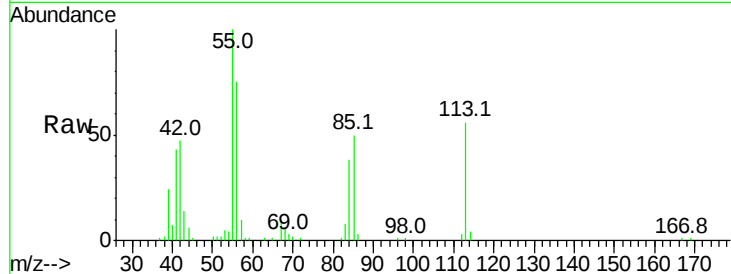
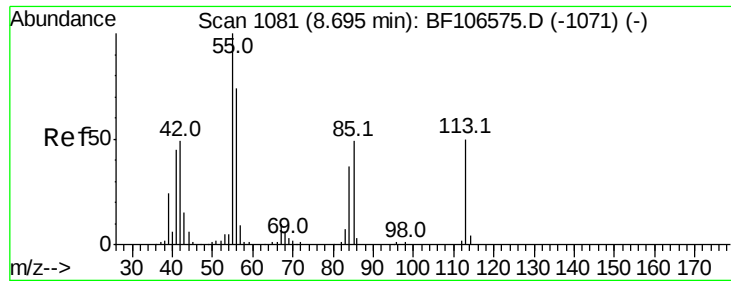


#34
Hexachlorobutadiene
Concen: 53.880 ng
RT: 8.34 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.8	50.6	76.0	
227	63.9	51.9	77.9	

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





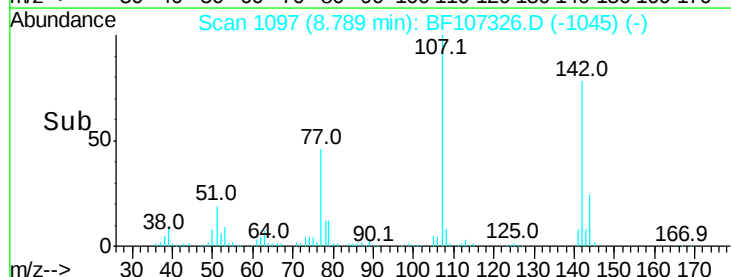
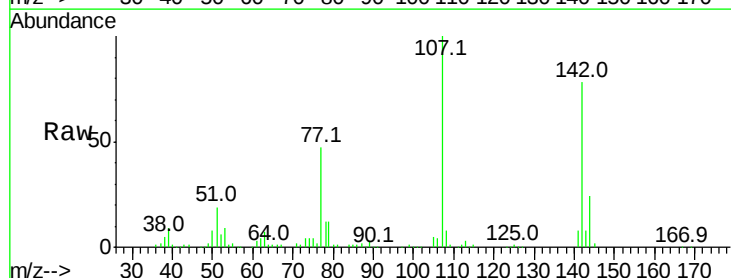
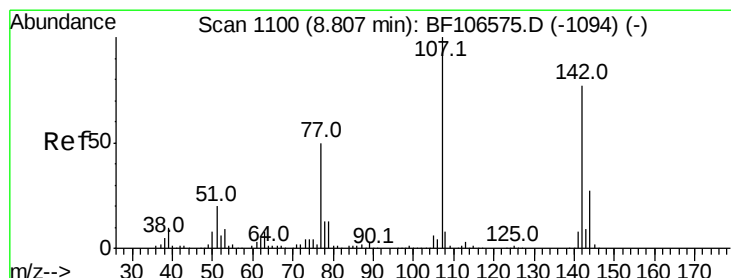
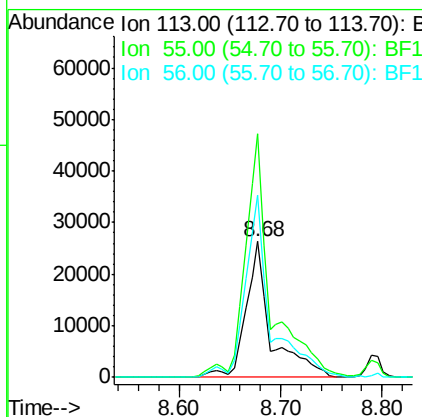
#35
Caprolactam
Concen: 49.420 ng/ml
RT: 8.68 min Scan# 1078
Delta R.T. 0.01 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Tot Ion: 113 Resp: 45088
Ion Ratio Lower Upper
113 100
55 179.1 163.3 203.3
56 134.2 115.7 155.7

Instrument :
BNA_F
ClientSampleID :
PB111003BS

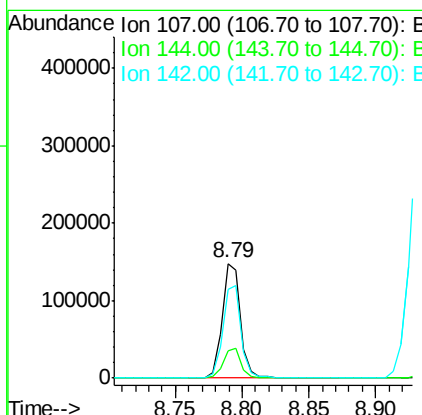
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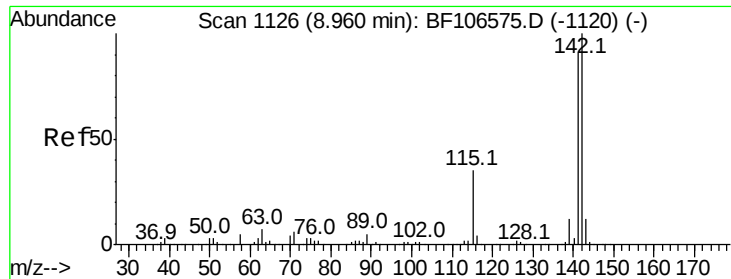
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#36
4-Chloro-3-methylphenol
Concen: 48.545 ng/ml
RT: 8.79 min Scan# 1097
Delta R.T. 0.01 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Tgt Ion: 107 Resp: 143012
Ion Ratio Lower Upper
107 100
144 24.2 20.5 30.7
142 77.6 62.0 93.0





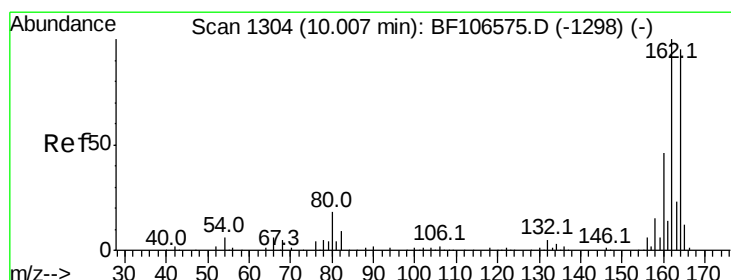
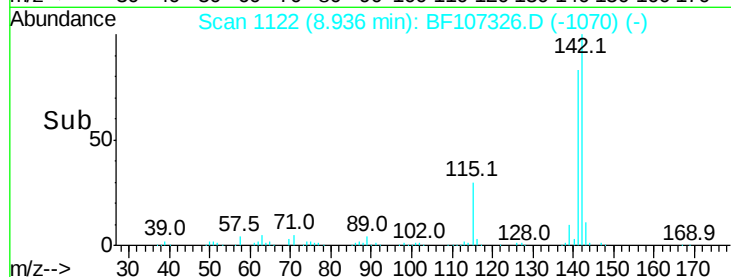
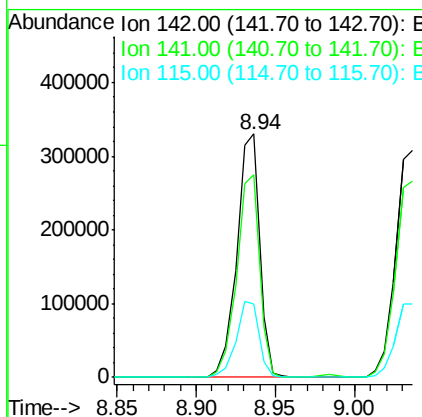
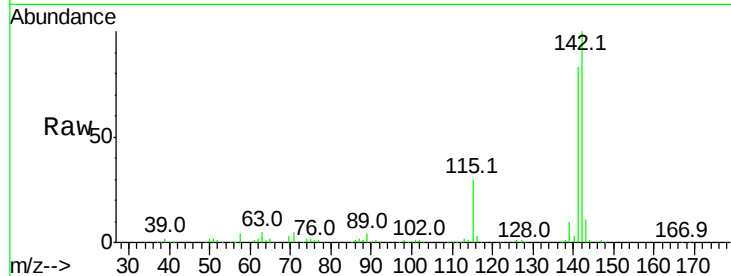
#37
2-Methylnaphthalene
Concen: 53.396 ng
RT: 8.94 min Scan# 1122
Delta R.T. 0.01 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Instrument :
BNA_F
ClientSampleId :
PB111003BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	83.2	70.8	106.2
115	29.9	26.1	39.1

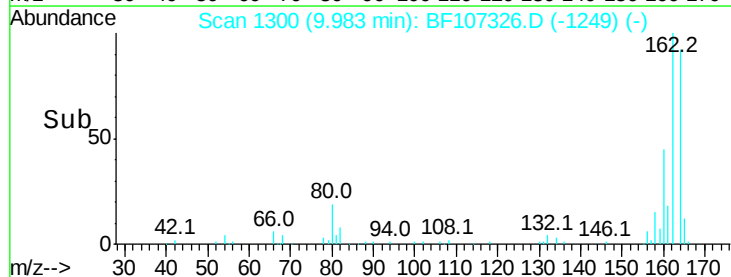
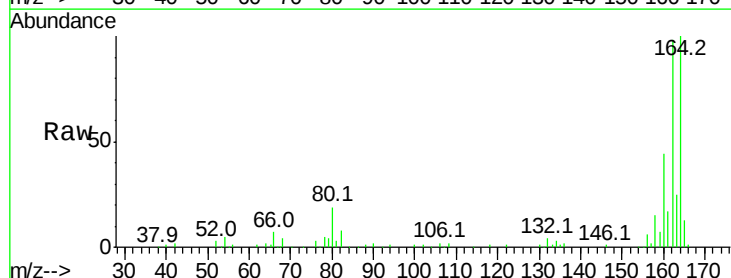
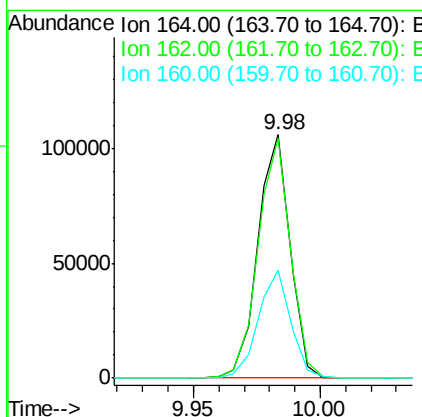
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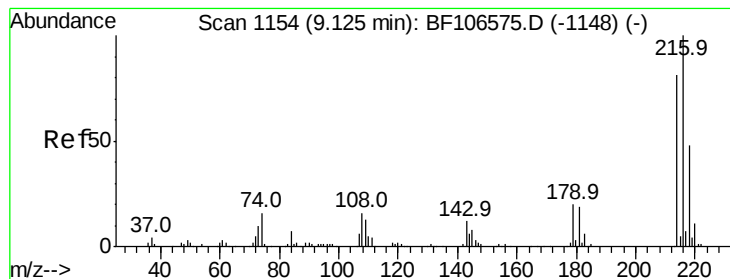
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.3	86.1	129.1
160	44.1	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 53.808 ng

RT: 9.10 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BF107326.D

Acq: 12 Jul 2018 3:34

Instrument :

BNA_F

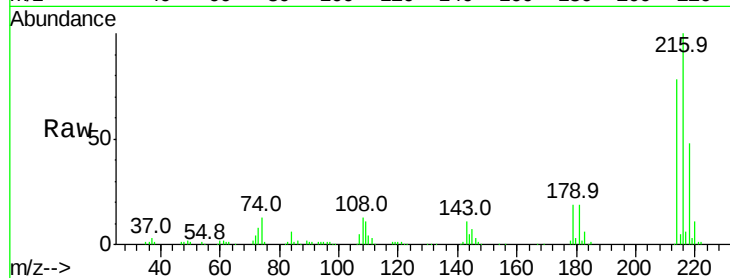
ClientSampleId :

PB111003BS

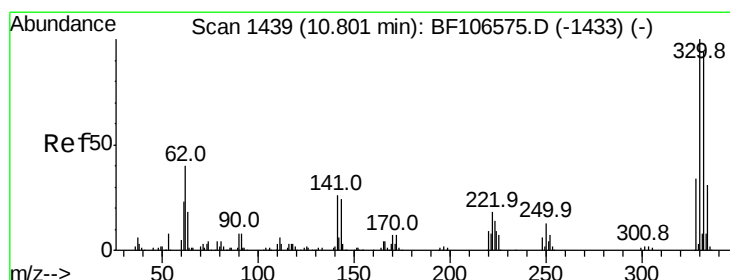
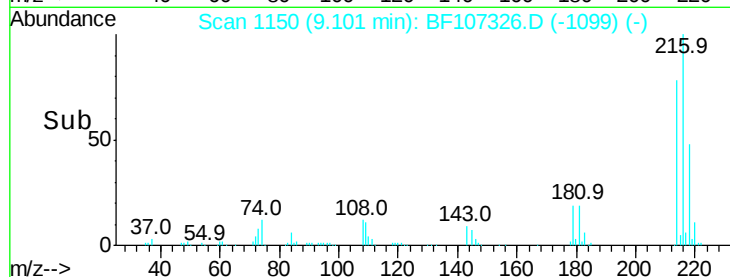
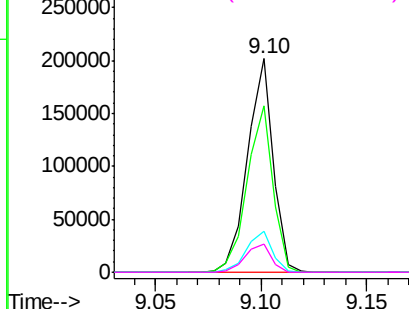
Tot Ion	Ratio	Resp	Lower	Upper
216	100	170384		
214	78.4	63.0	94.4	
179	19.4	18.1	27.1	
108	13.6	17.2	25.8	

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



#41

2,4,6-Tribromophenol

Concen: 95.978 ng

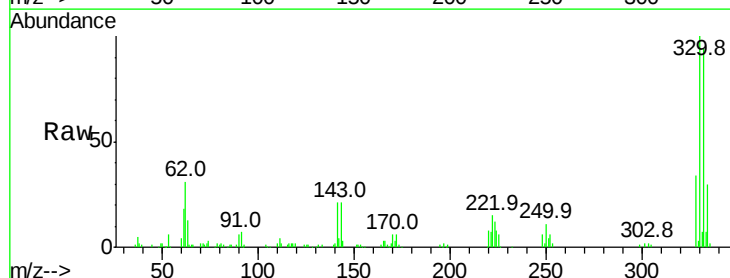
RT: 10.78 min Scan# 1436

Delta R.T. 0.00 min

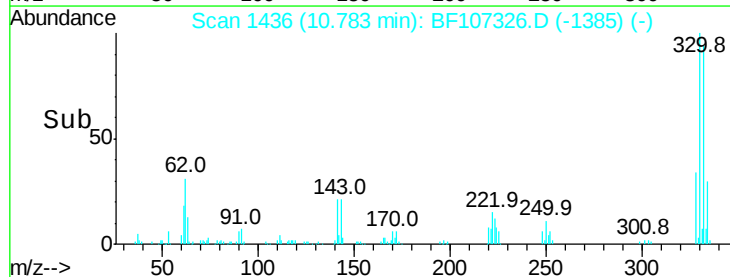
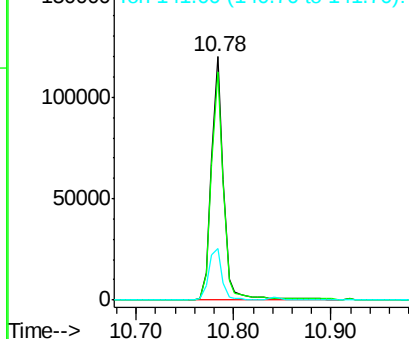
Lab File: BF107326.D

Acq: 12 Jul 2018 3:34

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	104596		
332	95.8	77.0	115.6	
141	22.8	29.9	44.9	



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





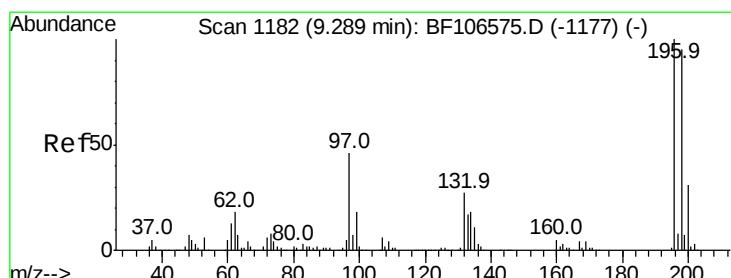
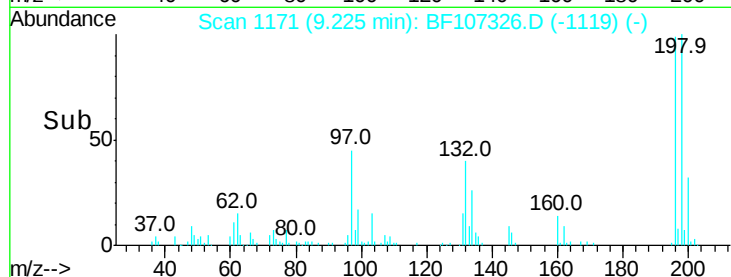
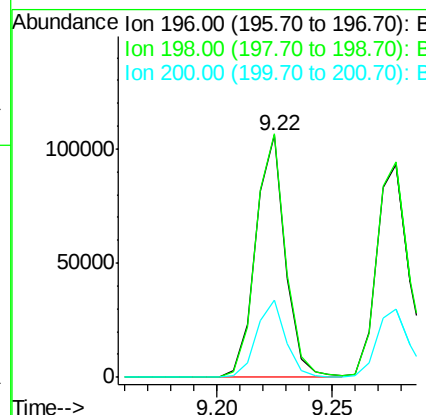
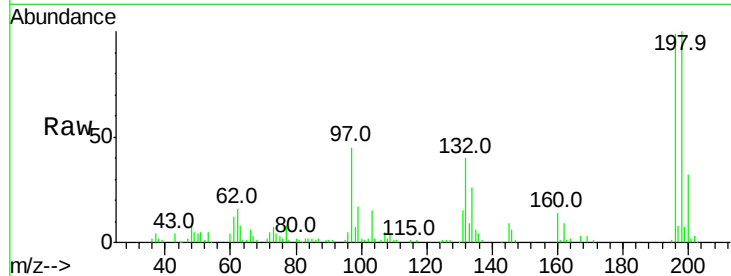
#42
 2,4,6-Trichlorophenol
 Concen: 45.246 ng
 RT: 9.22 min Scan# 1171
 Delta R.T. 0.01 min
 Lab File: BF107326.D
 Acq: 12 Jul 2018 3:34

Instrument :
 BNA_F
 ClientSampled :
 PB111003BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	95235		
198	100.5	75.7	113.5	
200	31.7	24.5	36.7	

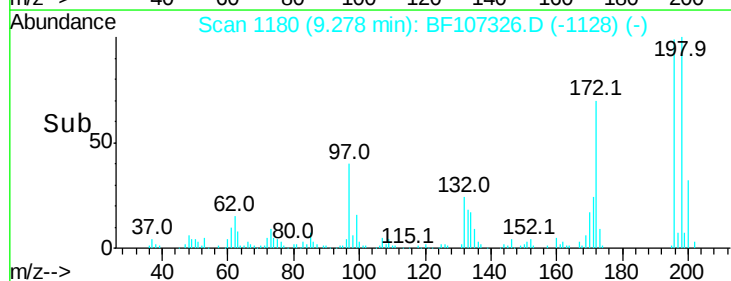
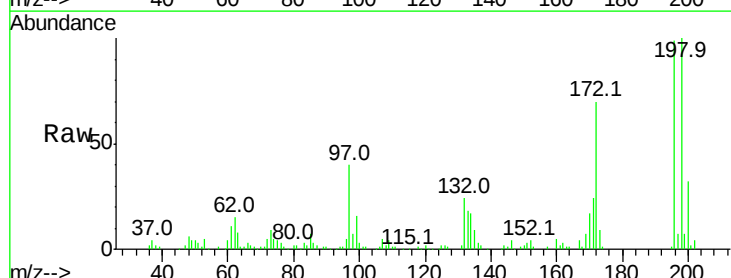
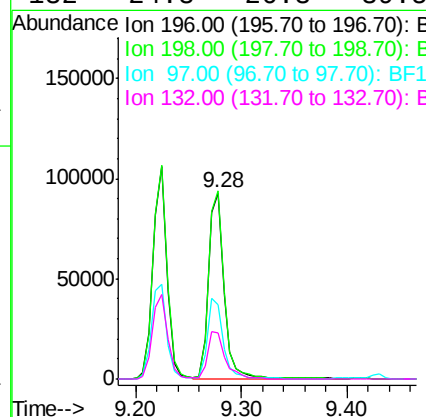
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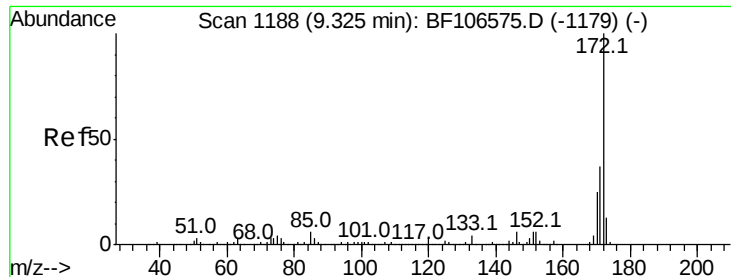
Sohil
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#43
 2,4,5-Trichlorophenol
 Concen: 43.508 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: BF107326.D
 Acq: 12 Jul 2018 3:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	95557		
198	101.2	74.6	112.0	
97	40.2	42.9	64.3#	
132	24.8	26.3	39.5#	





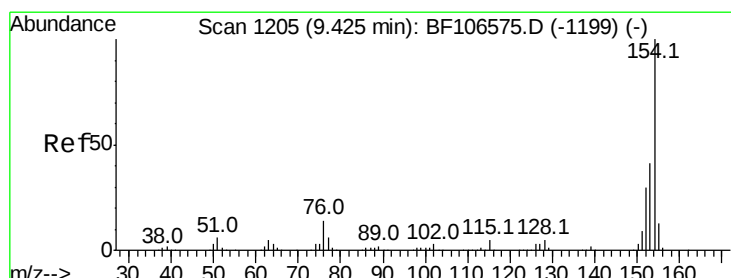
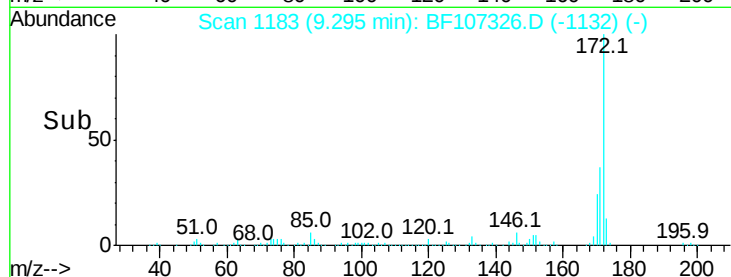
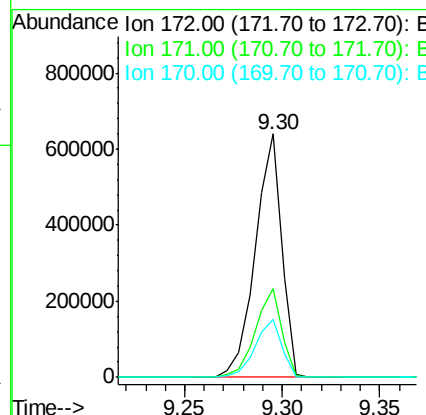
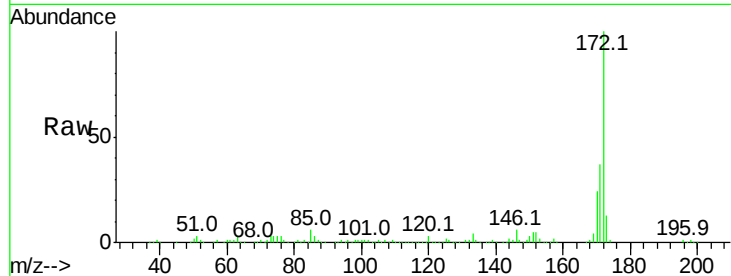
#44
2-Fluorobiphenyl
Concen: 112.753 ng
RT: 9.30 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Instrument :
BNA_F
ClientSampleId :
PB111003BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	599591		
171	36.6	29.7	44.5	
170	24.1	19.6	29.4	

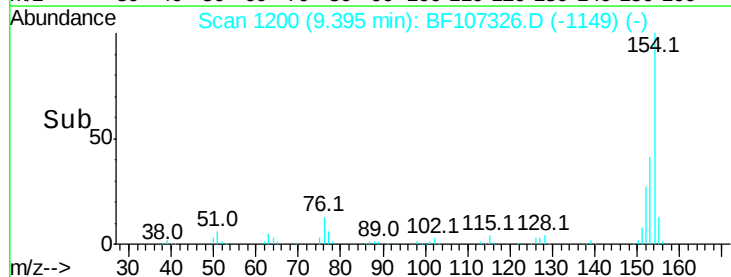
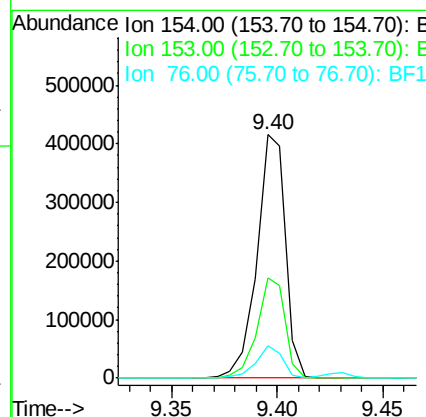
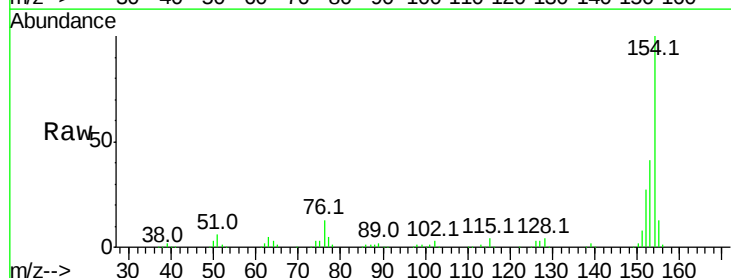
Manual Integrations
APPROVED

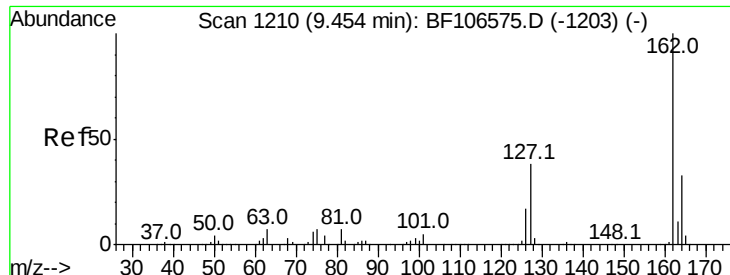
Sohil
7/12/2018 2:19:55 PM



#45
1,1'-Biphenyl
Concen: 52.033 ng
RT: 9.40 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	389904		
153	41.0	21.3	61.3	
76	13.1	0.0	34.0	





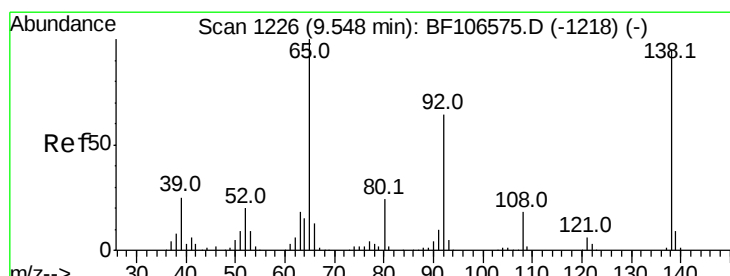
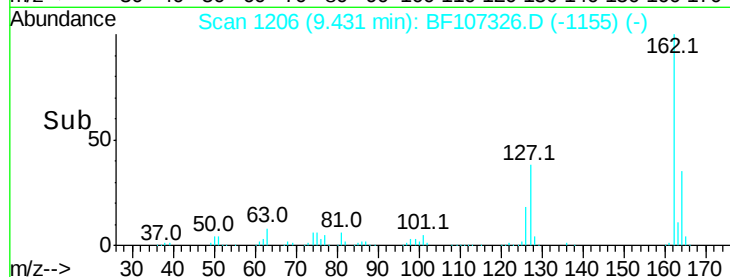
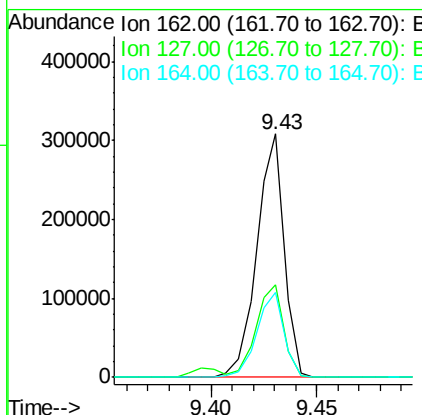
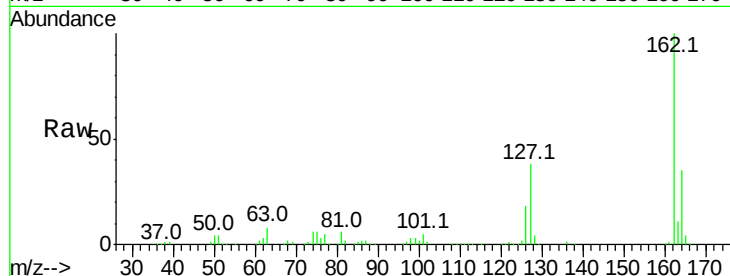
#46
 2-Chloronaphthalene
 Concen: 47.020 ng
 RT: 9.43 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF107326.D
 Acq: 12 Jul 2018 3:34

Instrument :
 BNA_F
 ClientSampleId :
 PB111003BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		277344		
127	38.0		33.9	50.9	
164	34.7		26.5	39.7	

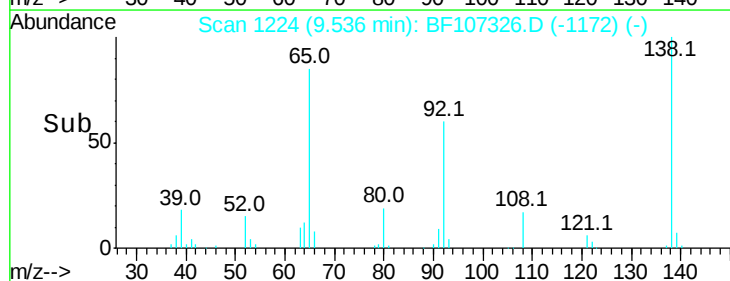
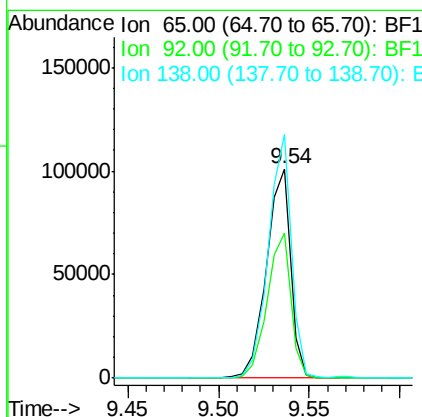
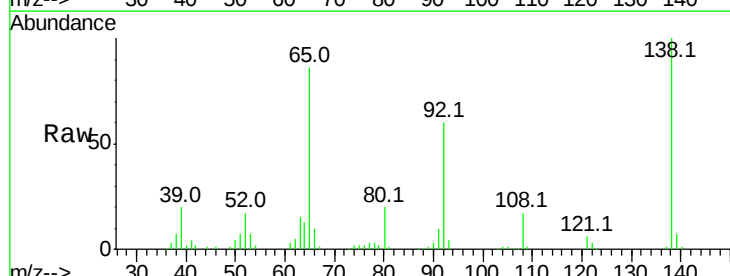
Manual Integrations
 APPROVED

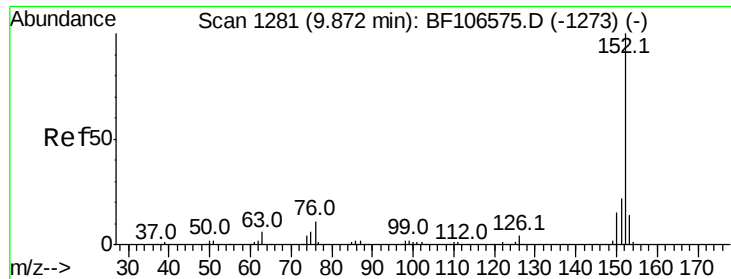
Sohil
 7/12/2018 2:19:55 PM



#47
 2-Nitroaniline
 Concen: 47.652 ng
 RT: 9.54 min Scan# 1224
 Delta R.T. 0.01 min
 Lab File: BF107326.D
 Acq: 12 Jul 2018 3:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		94516		
92	69.5		55.8	83.6	
138	116.3		91.2	136.8	





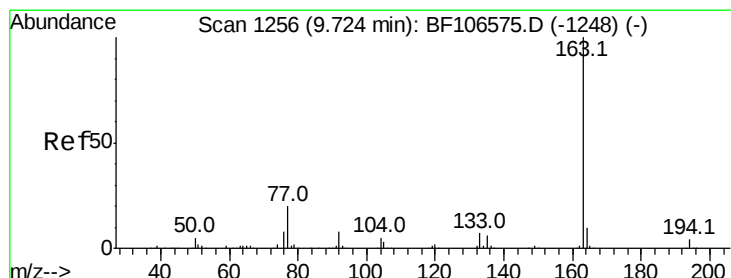
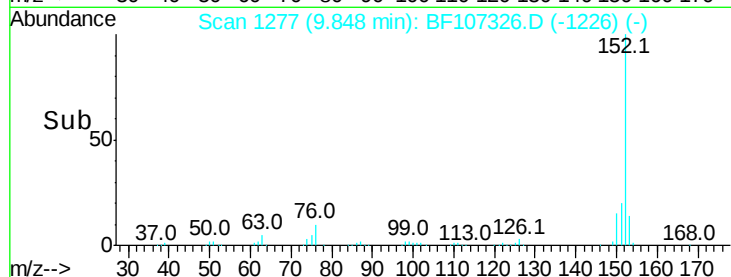
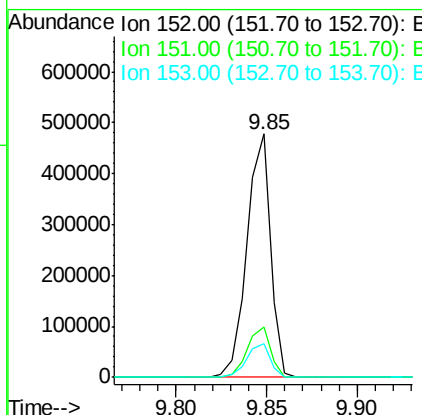
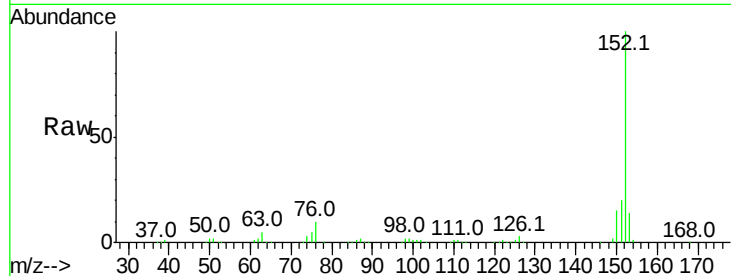
#48
Acenaphthylene
Concen: 46.449 ng
RT: 9.85 min Scan# 1277
Delta R.T. 0.00 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Instrument :
BNA_F
ClientSampleId :
PB111003BS

Tot Ion	Ratio	Resp	Lower	Upper
152	100	432551		
151	20.4	16.3	24.5	
153	13.9	10.7	16.1	

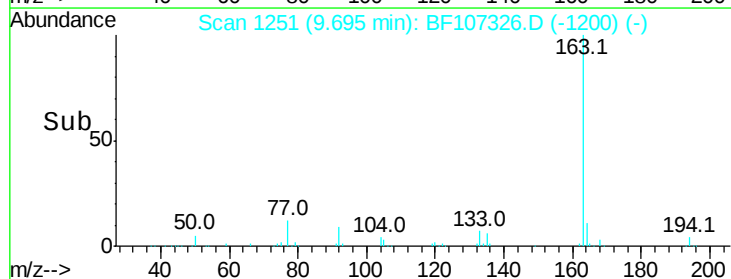
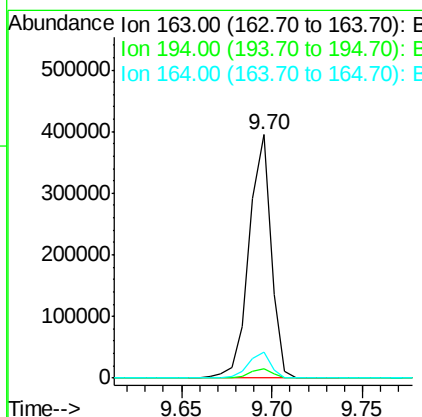
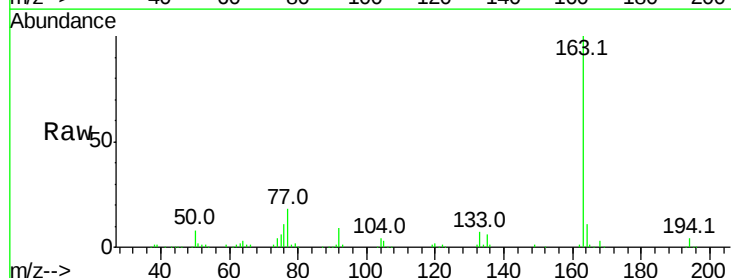
Manual Integrations
APPROVED

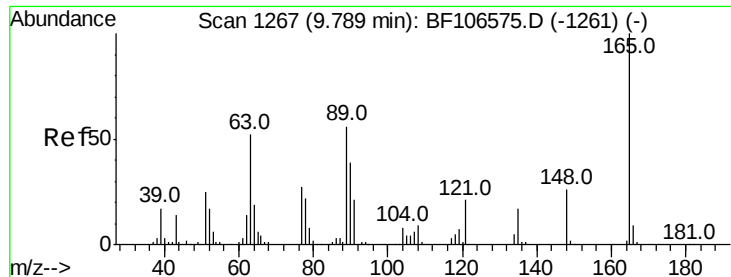
Sohil
7/12/2018 2:19:55 PM



#49
Dimethylphthalate
Concen: 47.360 ng
RT: 9.70 min Scan# 1251
Delta R.T. 0.00 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	333988		
194	3.9	2.7	4.1	
164	10.8	8.2	12.2	





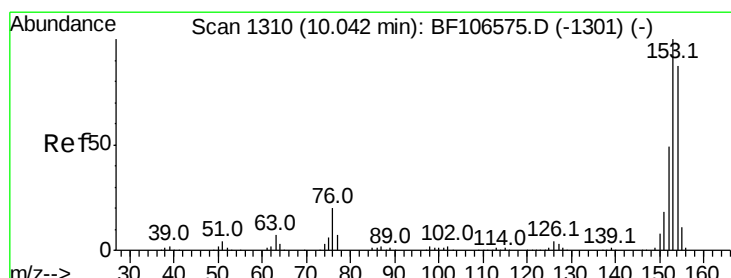
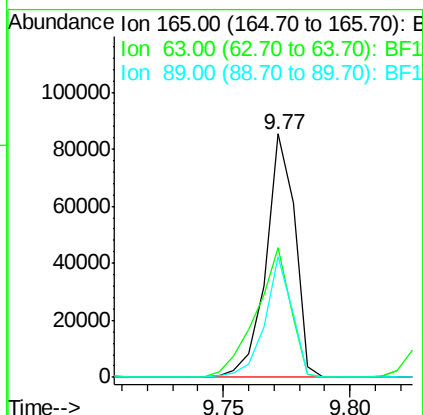
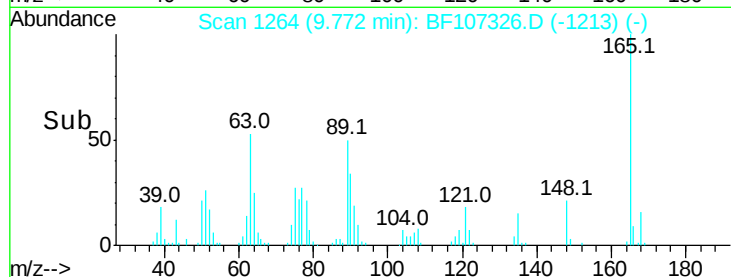
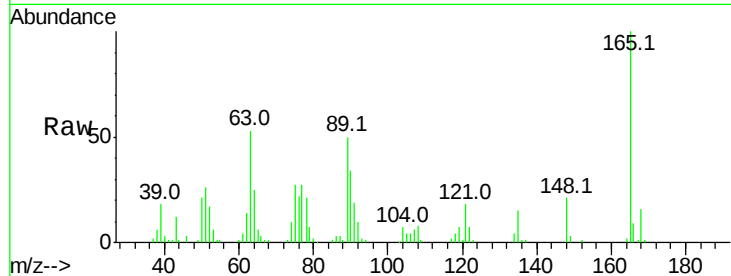
#50
2,6-Dinitrotoluene
Concen: 45.799 ng
RT: 9.77 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Instrument :
BNA_F
ClientSampleId :
PB111003BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	53.4	44.7	67.1
89	49.7	44.0	66.0

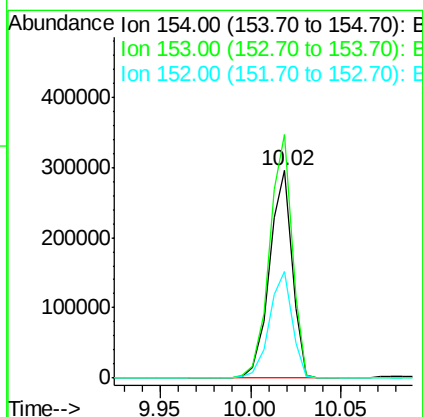
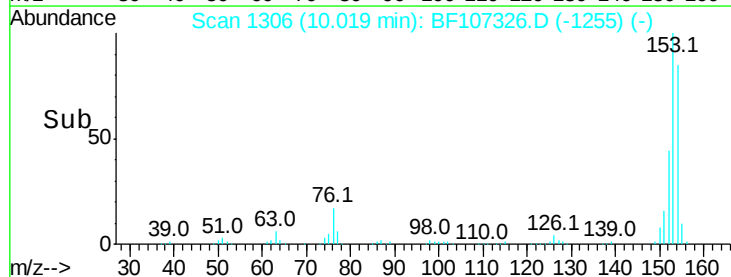
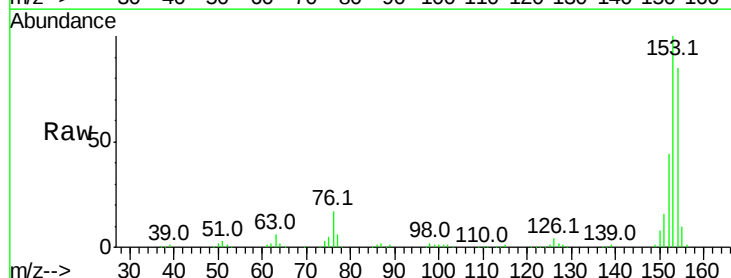
Manual Integrations
APPROVED

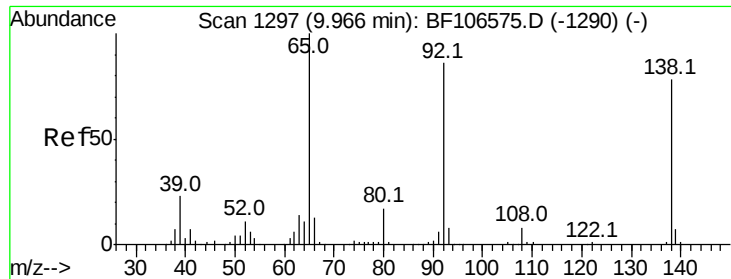
Sohil
7/12/2018 2:19:55 PM



#51
Acenaphthene
Concen: 43.823 ng
RT: 10.02 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	117.3	91.2	136.8
152	51.7	43.8	65.8





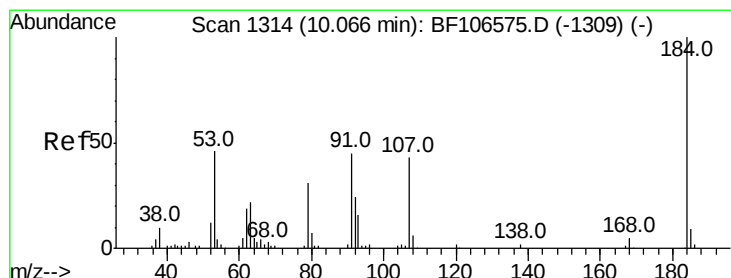
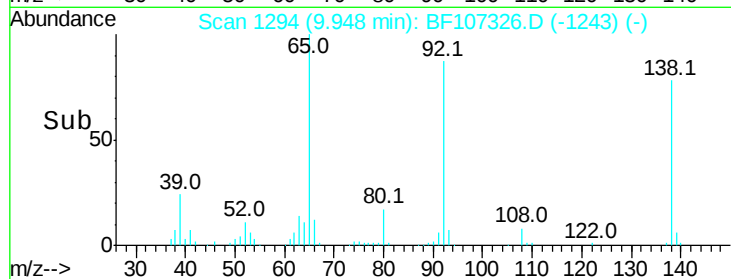
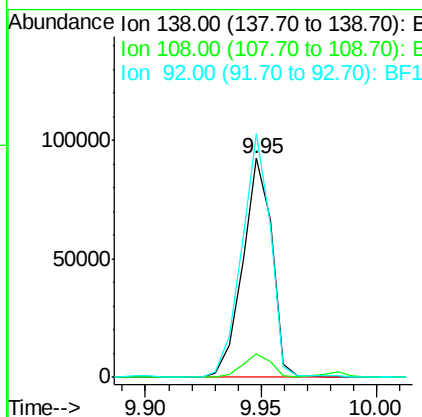
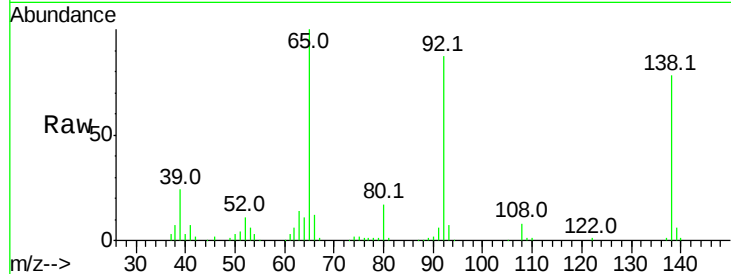
#52
3-Nitroaniline
Concen: 47.408 ng
RT: 9.95 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Instrument :
BNA_F
ClientSampled :
PB111003BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	9.4	14.0
92	111.1	89.4	134.2

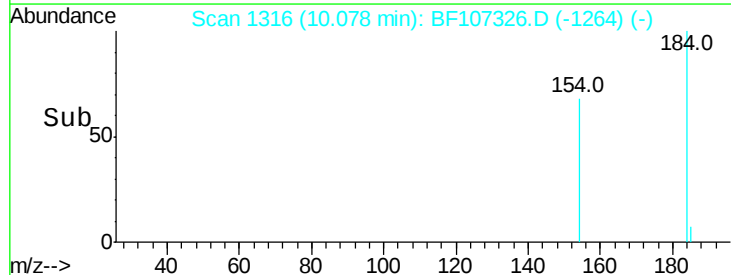
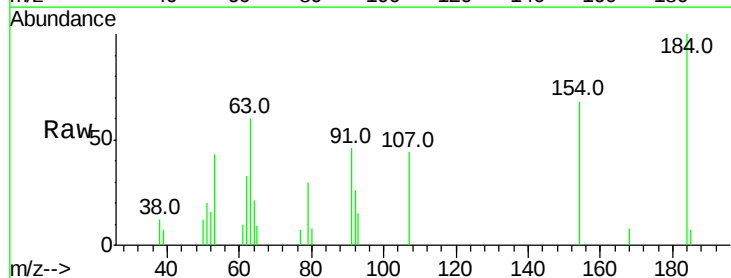
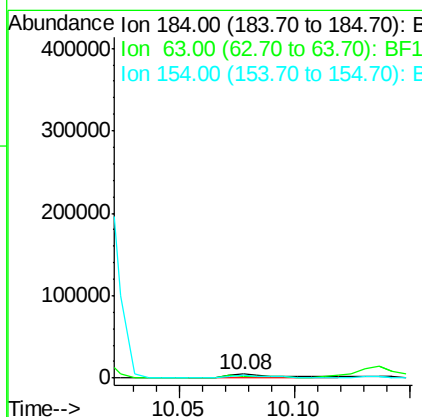
Manual Integrations
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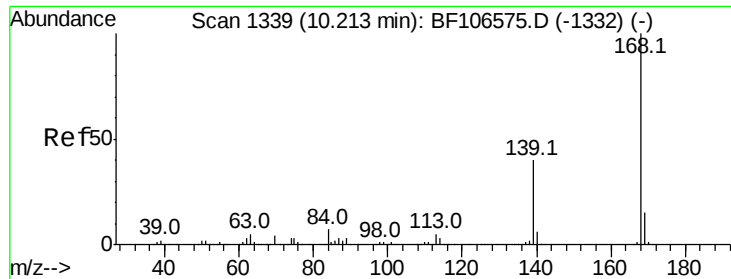
Sohil
7/12/2018 2:19:55 PM



#53
2,4-Dinitrophenol
Concen: 15.406 ng
RT: 10.08 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.9	54.2	81.2
154	68.1	184.0	276.0#





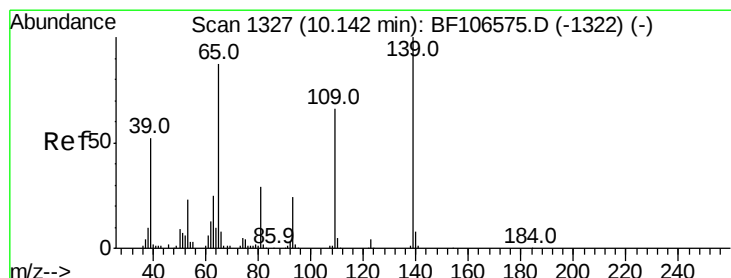
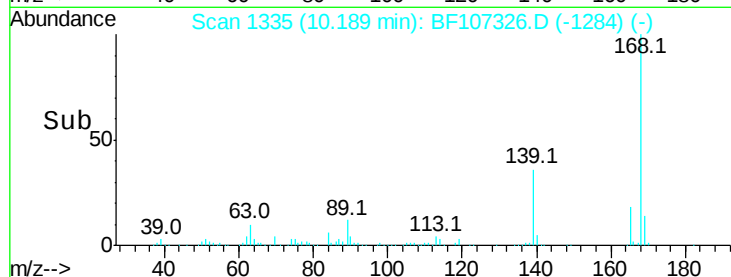
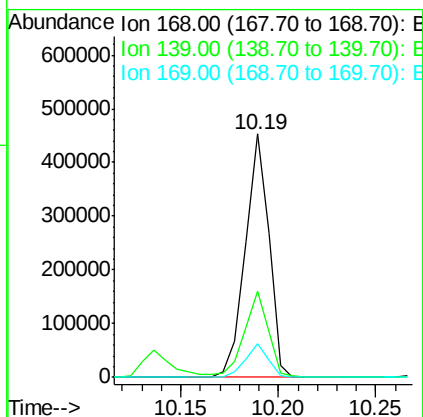
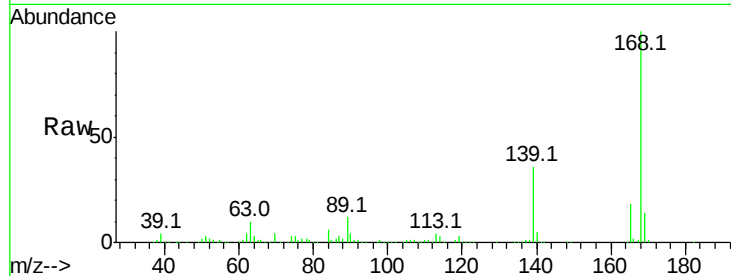
#54
Dibenzenofuran
Concen: 47.426 ng
RT: 10.19 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Instrument :
BNA_F
ClientSampleId :
PB111003BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	35.6	30.1	45.1	
169	13.6	10.9	16.3	

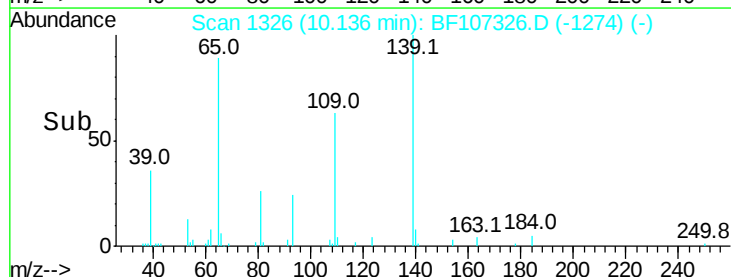
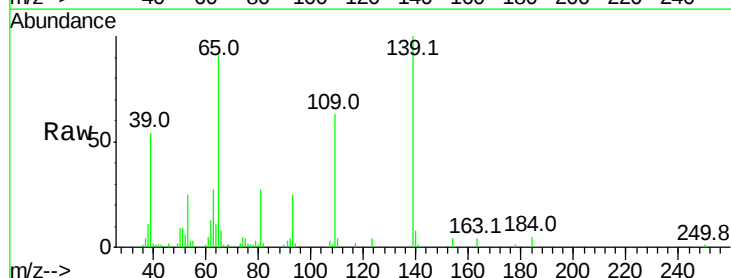
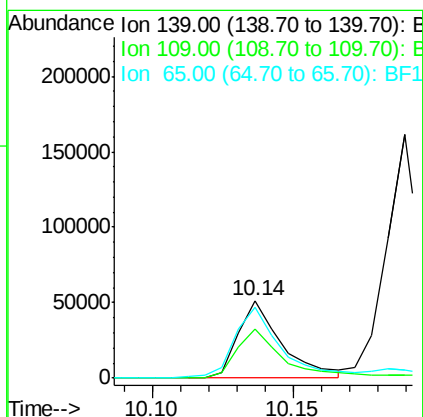
Manual Integrations
APPROVED

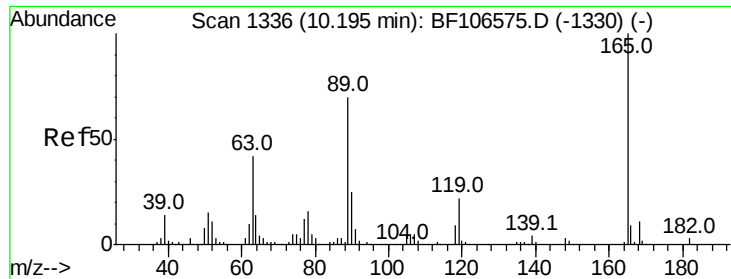
Sohil
7/12/2018 2:19:55 PM



#55
4-Nitrophenol
Concen: 45.955 ng
RT: 10.14 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	62.9	48.4	88.4	
65	91.1	72.6	112.6	





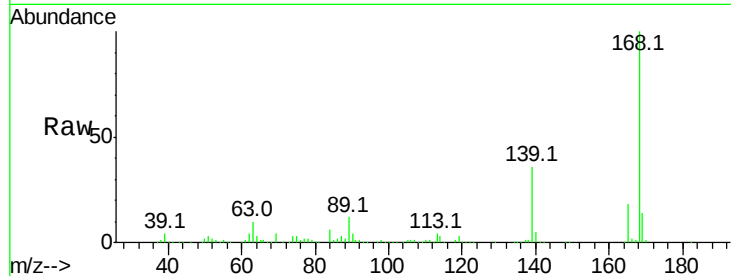
#56
2,4-Dinitrotoluene
Concen: 39.056 ng
RT: 10.19 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Instrument :
BNA_F
ClientSampleId :
PB111003BS

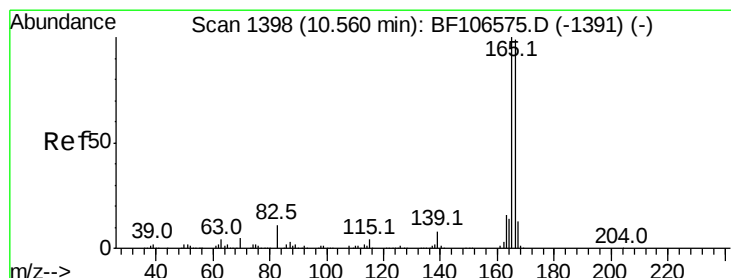
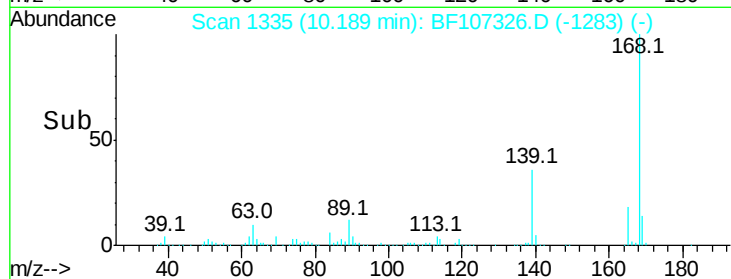
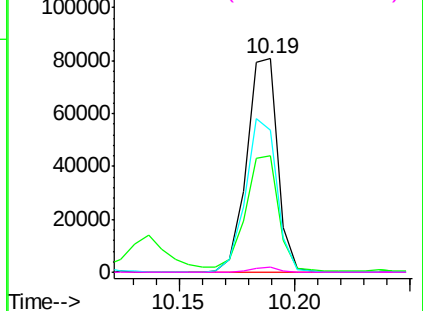
Tot Ion	Ratio	Lower	Upper
165	100		
63	54.3	36.4	54.6
89	66.8	57.8	86.6
182	2.2	1.6	2.4

Manual Integrations
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7/12/2018 2:19:55 PM



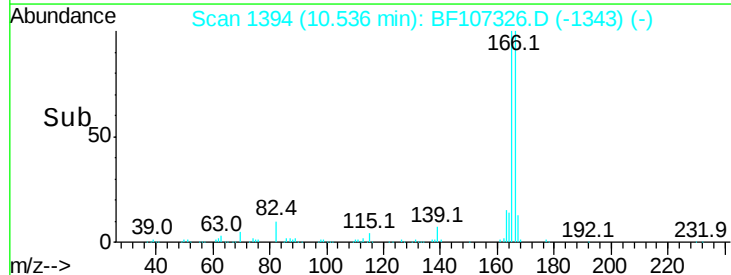
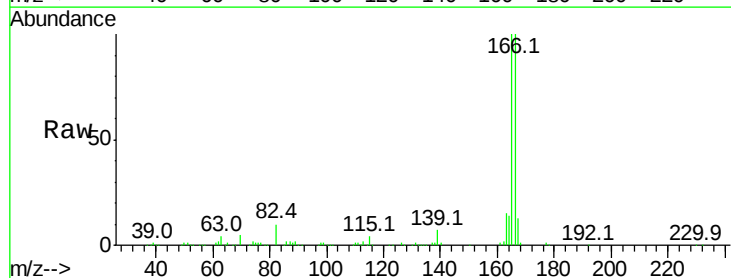
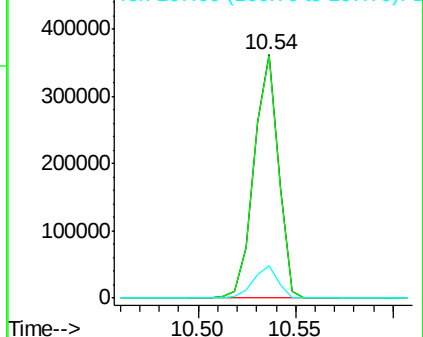
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

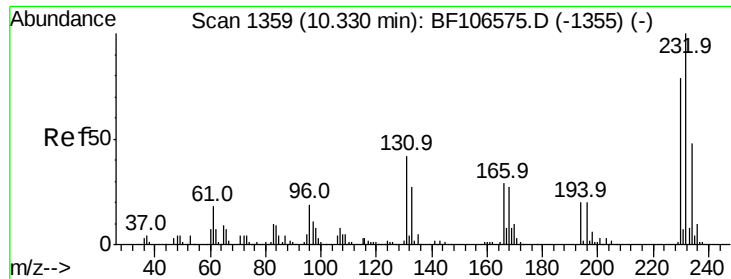


#57
Fluorene
Concen: 48.852 ng
RT: 10.54 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.8	119.8
167	13.2	10.6	16.0

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





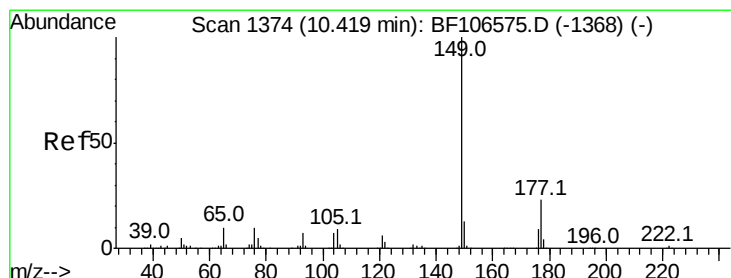
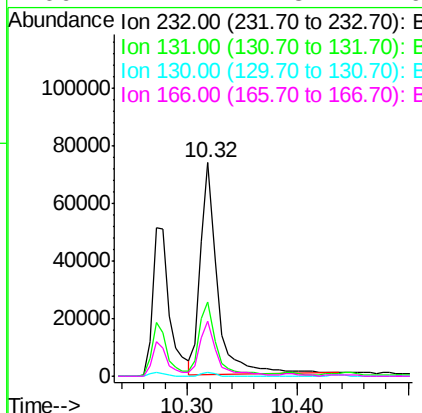
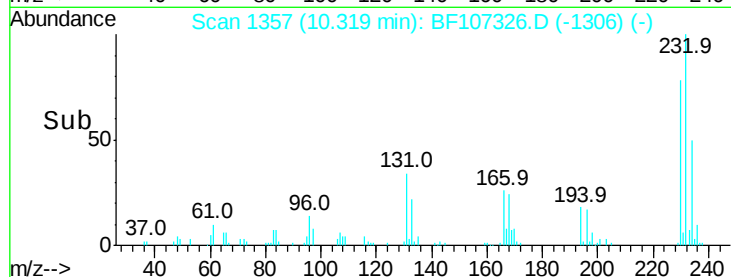
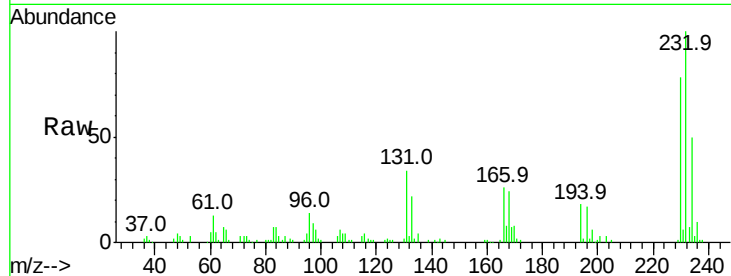
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.991 ng
 RT: 10.32 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: BF107326.D
 Acq: 12 Jul 2018 3:34

Instrument :
 BNA_F
 ClientSampleId :
 PB111003BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	32.7	43.8	65.8#
130	1.3	2.1	3.1#
166	24.2	27.8	41.6#

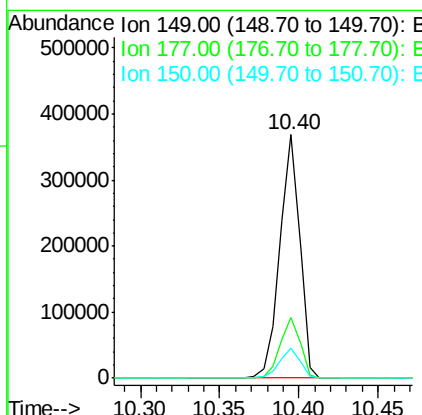
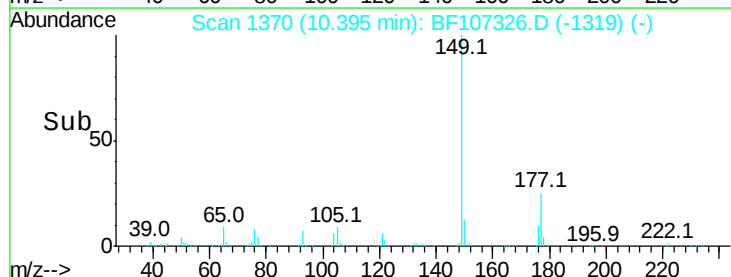
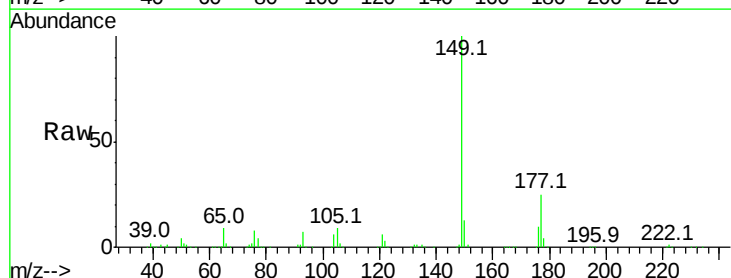
Manual Integrations
 APPROVED

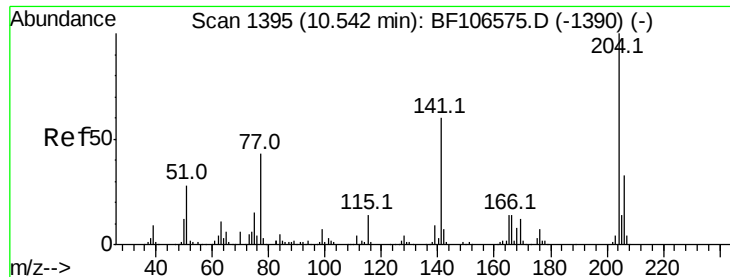
Sohil
 7/12/2018 2:19:55 PM



#59
 Diethylphthalate
 Concen: 47.554 ng
 RT: 10.40 min Scan# 1370
 Delta R.T. 0.00 min
 Lab File: BF107326.D
 Acq: 12 Jul 2018 3:34

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.8	16.1	24.1#
150	12.5	10.1	15.1





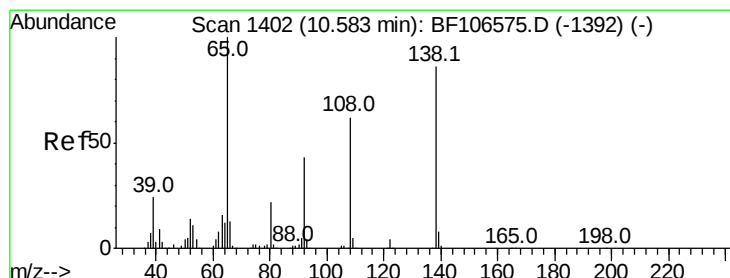
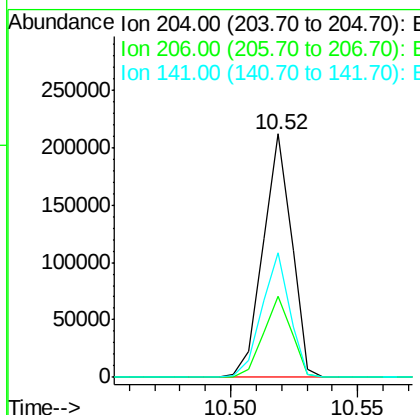
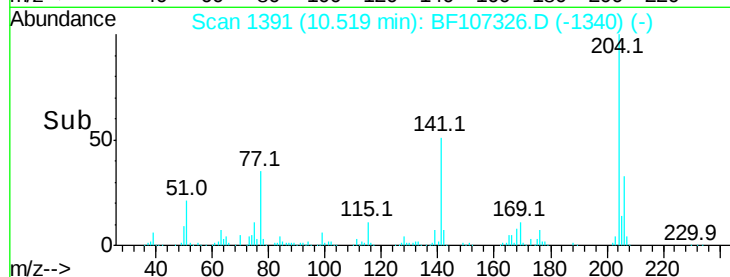
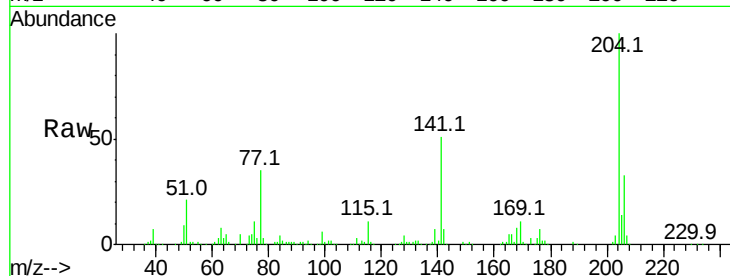
#60
4-Chlorophenyl-phenylether
Concen: 50.247 ng
RT: 10.52 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Instrument :
BNA_F
ClientSampled :
PB111003BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.5	39.7
141	50.9	54.6	81.8#

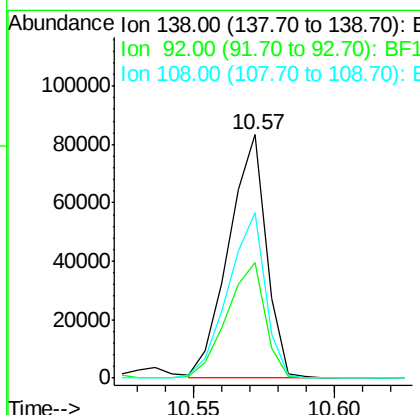
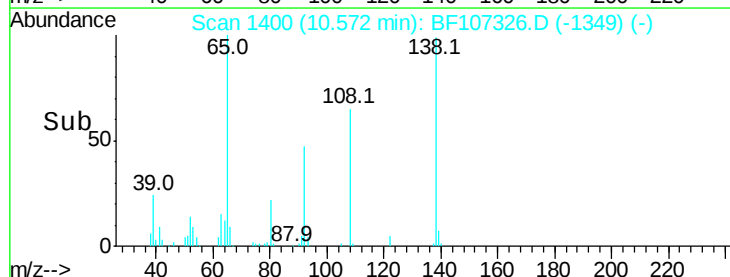
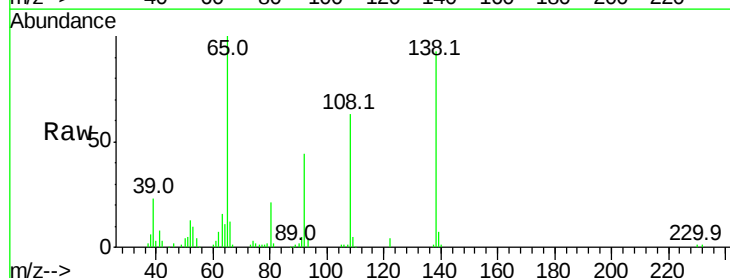
Manual Integrations
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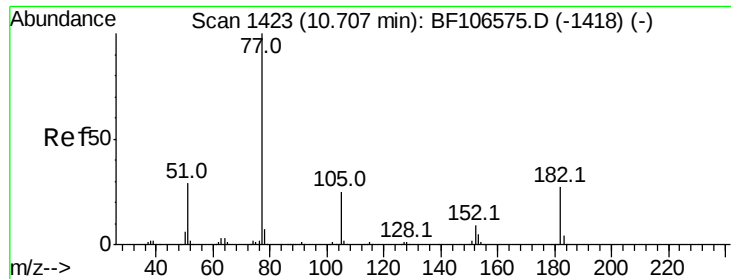
Sohil
7/12/2018 2:19:55 PM



#61
4-Nitroaniline
Concen: 45.353 ng
RT: 10.57 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.5	30.2	70.2
108	68.1	52.5	92.5





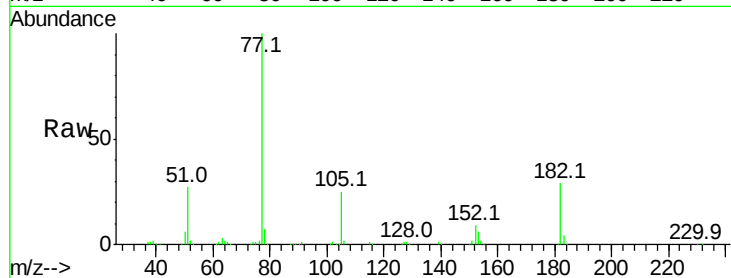
#62
Azobenzene
Concen: 43.928 ng
RT: 10.68 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Instrument :
BNA_F
ClientSampleId :
PB111003BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.1	1.7	41.7
105	25.0	3.0	43.0
51	26.6	9.9	49.9

Manual Integrations
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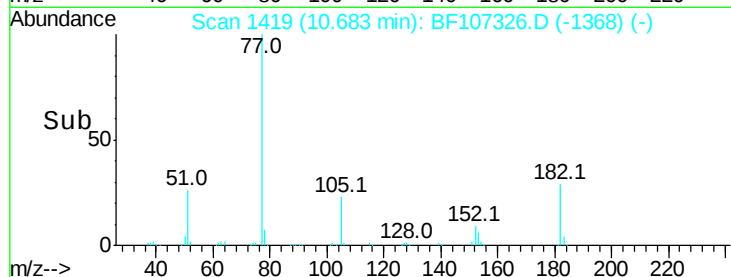
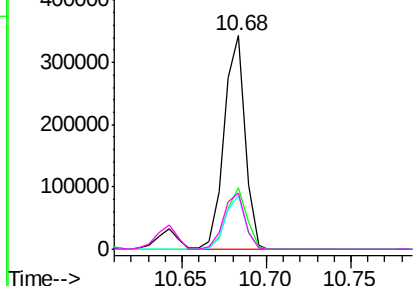
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1554
Delta R.T. 0.00 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

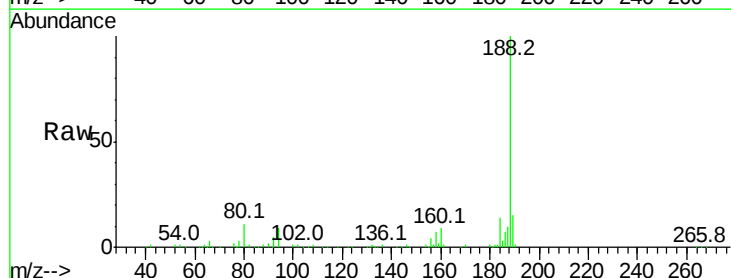
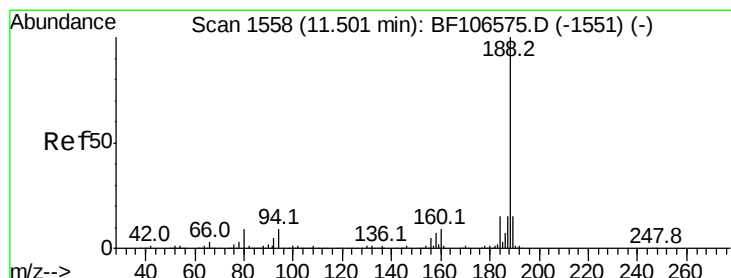
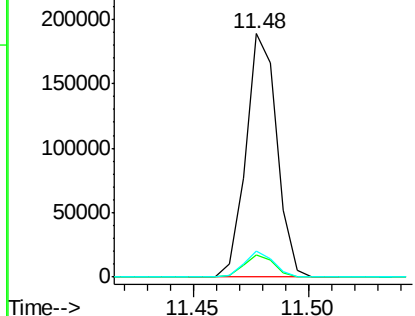
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	10.5	9.2	13.8

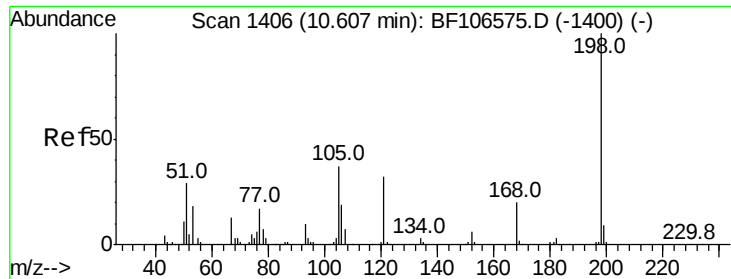
Abundance

Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





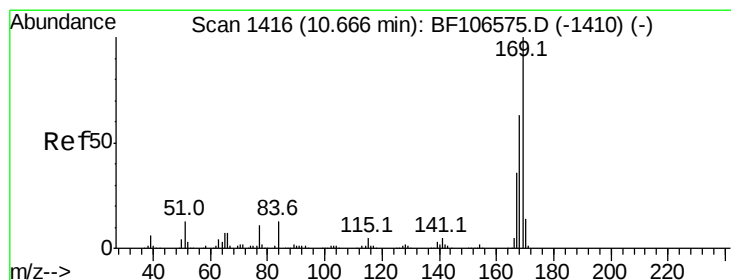
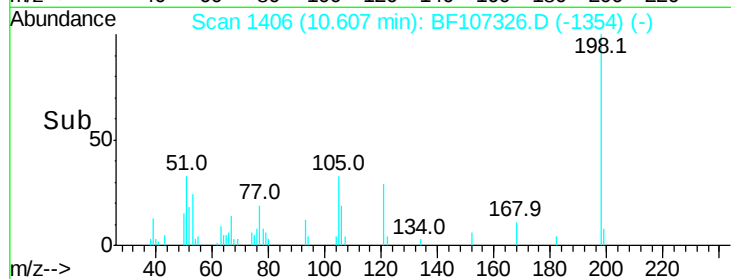
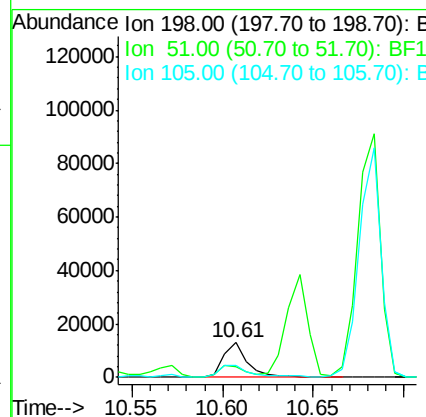
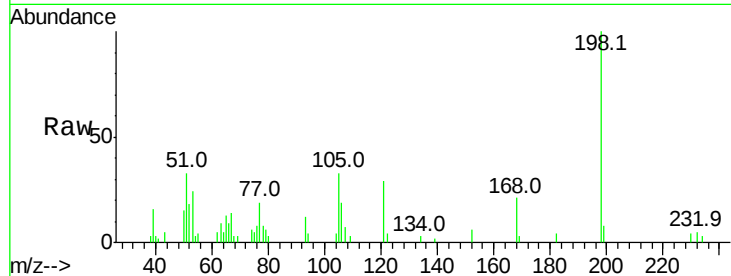
#64
4,6-Dinitro-2-methylphenol
Concen: 10.970 ng
RT: 10.61 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Instrument :
BNA_F
ClientSampleId :
PB111003BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	32.7	37.7	77.7#
105	33.4	36.3	76.3#

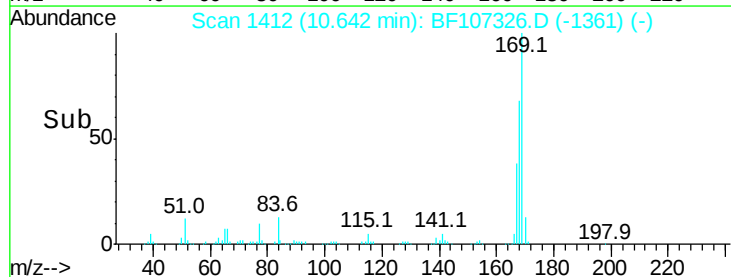
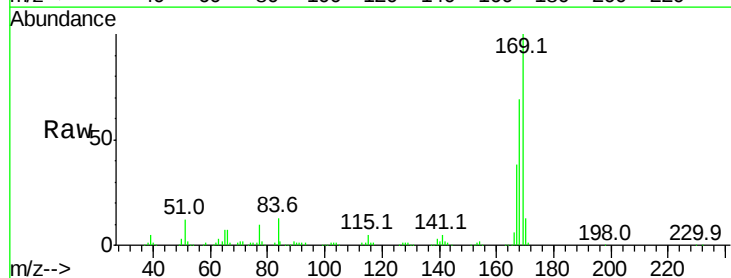
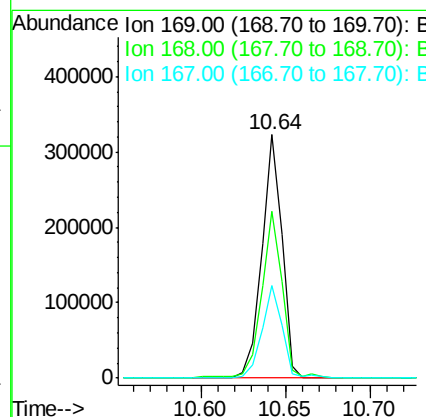
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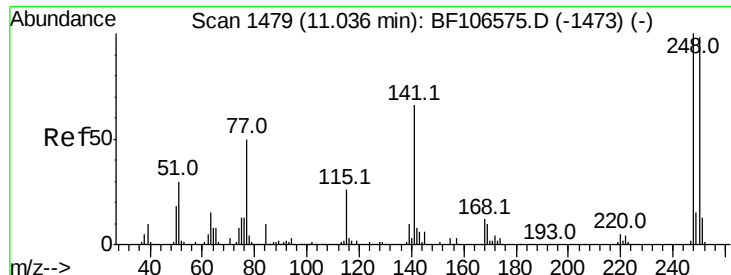
Sohil
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#65
n-Nitrosodiphenylamine
Concen: 45.549 ng
RT: 10.64 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.5	54.4	81.6
167	38.0	29.8	44.6





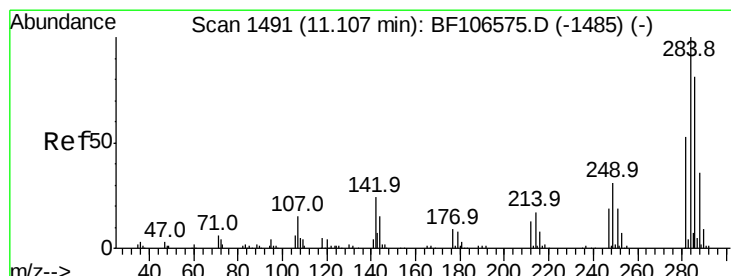
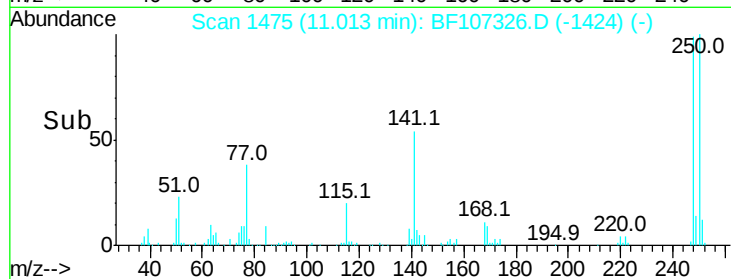
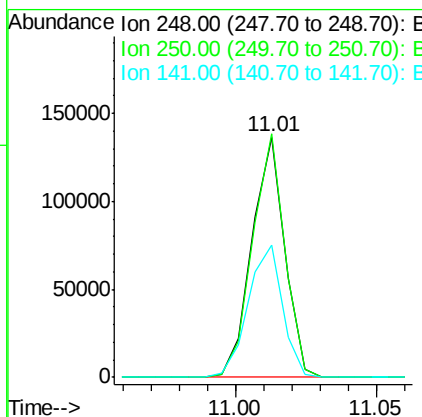
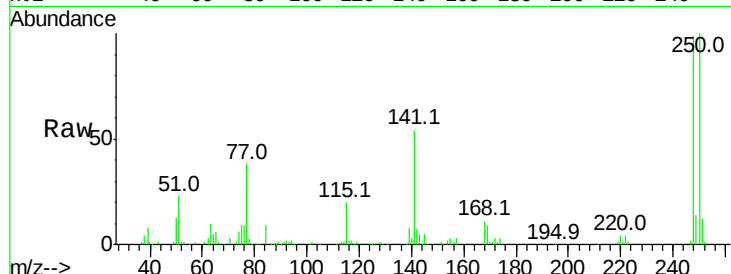
#66
4-Bromophenyl-phenylether
Concen: 52.329 ng
RT: 11.01 min Scan# 1475
Delta R.T. 0.00 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Instrument :
BNA_F
ClientSampled :
PB111003BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	101.5	76.9	115.3
141	55.3	74.4	111.6

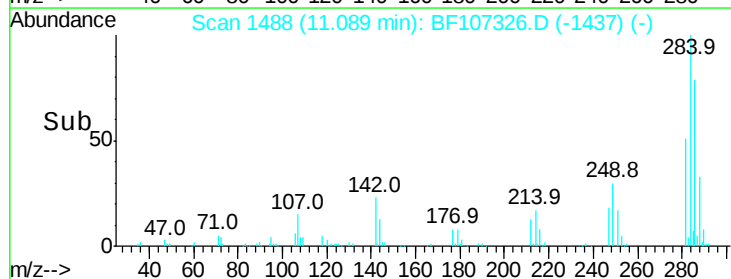
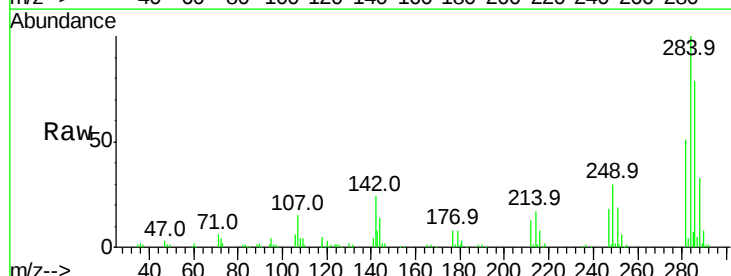
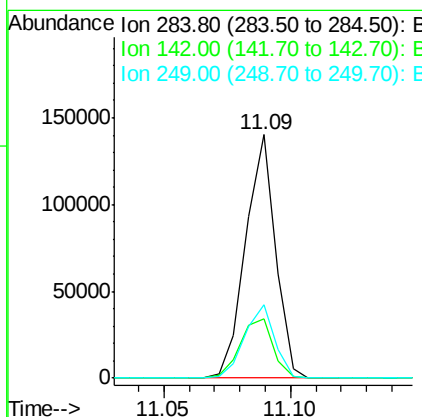
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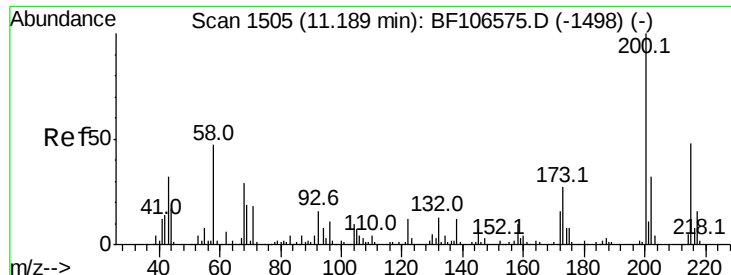
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#67
Hexachlorobenzene
Concen: 52.190 ng
RT: 11.09 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.4	34.6	52.0
249	30.3	24.8	37.2





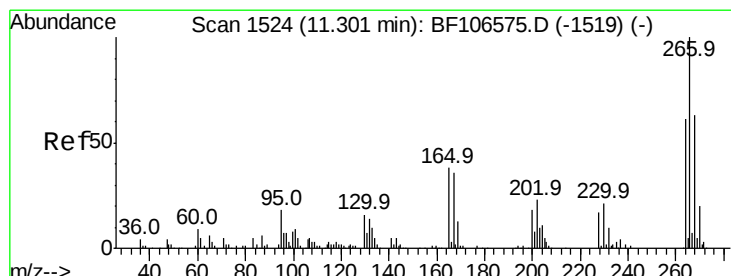
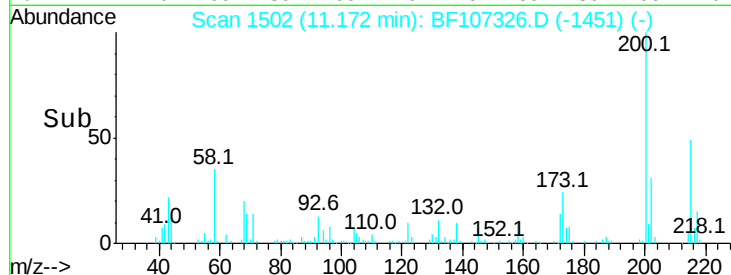
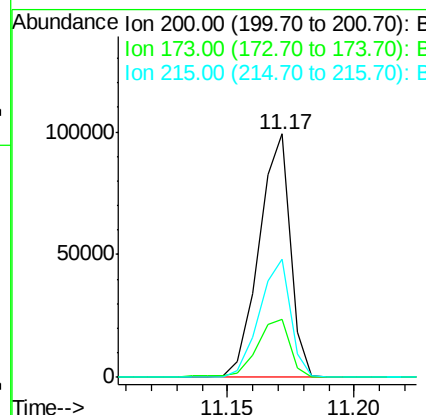
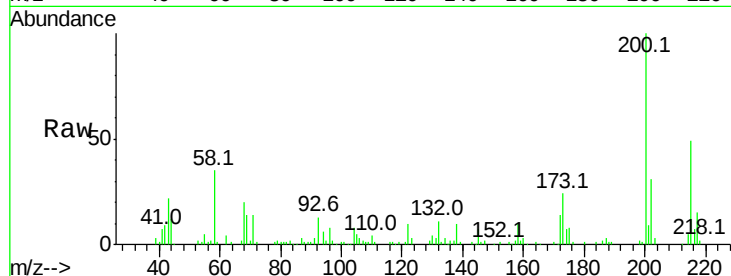
#68
Atrazine
Concen: 45.379 ng
RT: 11.17 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Instrument :
BNA_F
ClientSampleId :
PB111003BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	24.0	8.6	48.6
215	48.6	25.1	65.1

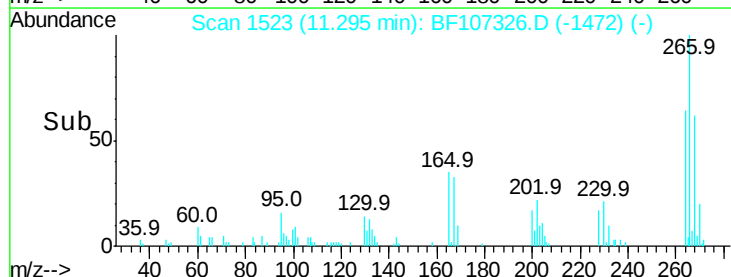
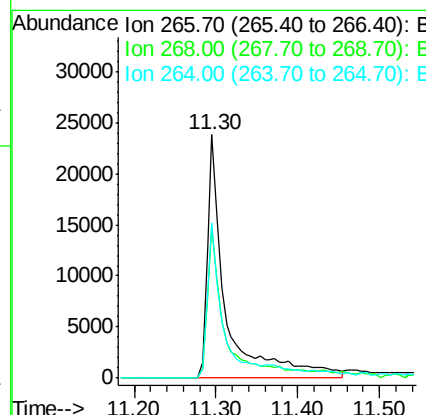
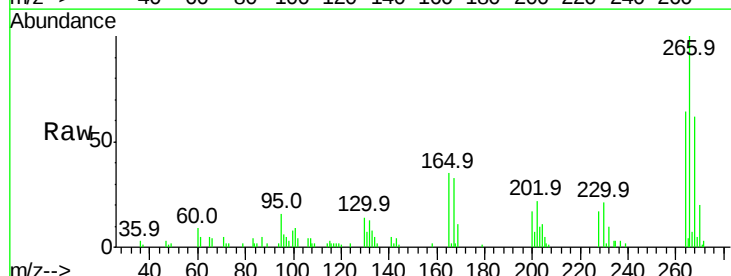
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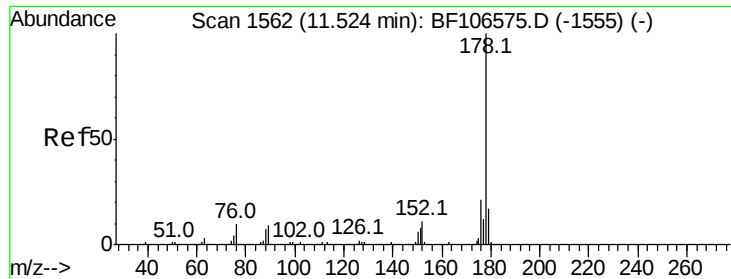
Sohil
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#69
Pentachlorophenol
Concen: 34.795 ng
RT: 11.30 min Scan# 1523
Delta R.T. 0.00 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	62.2	51.1	76.7
264	63.7	49.5	74.3





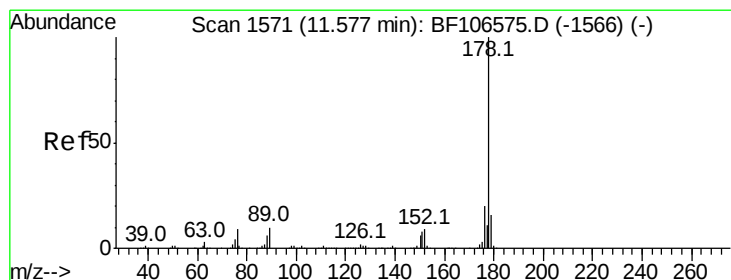
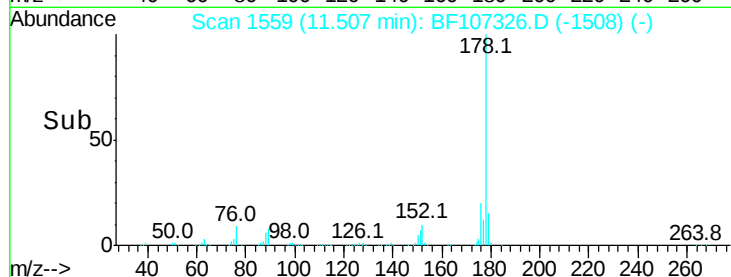
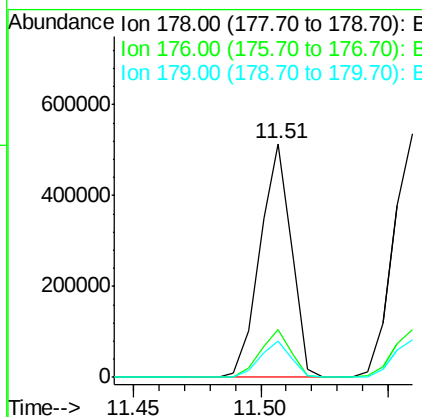
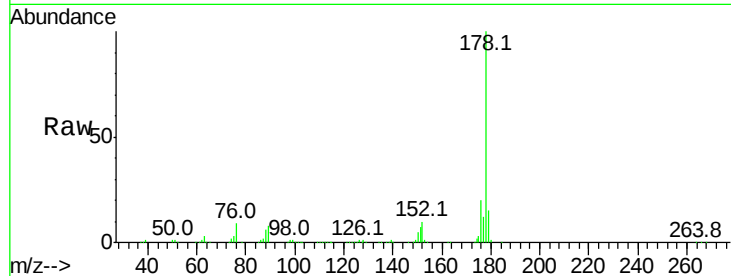
#70
Phenanthrene
Concen: 52.283 ng
RT: 11.51 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Instrument :
BNA_F
ClientSampleId :
PB111003BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.8
179	15.4	13.0	19.6

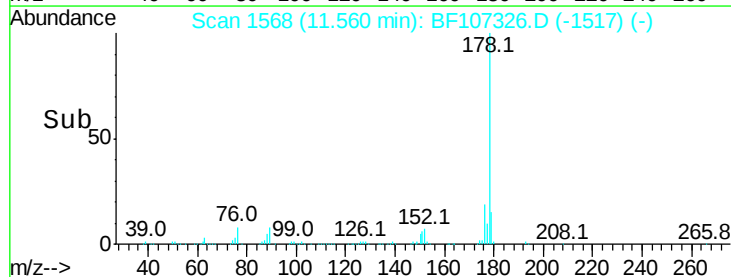
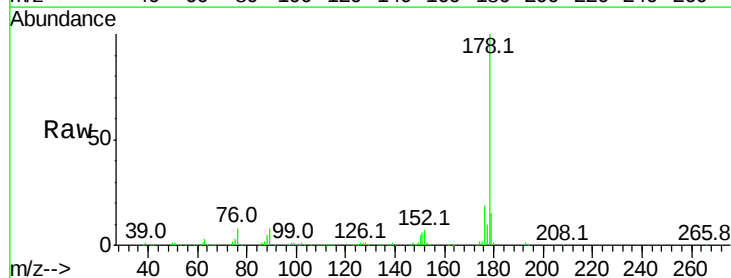
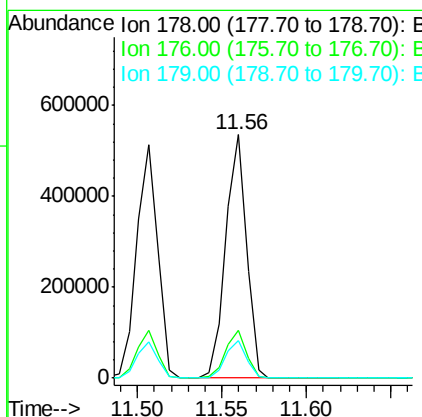
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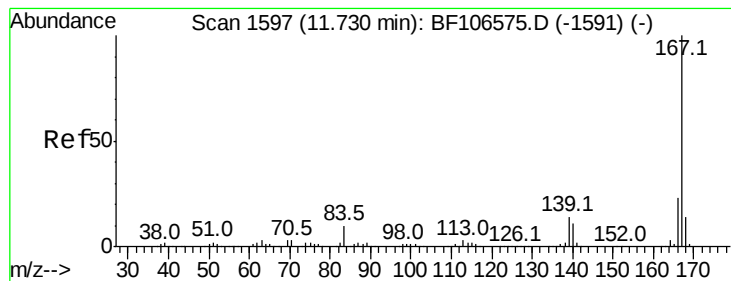
Sohil
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#71
Anthracene
Concen: 53.104 ng
RT: 11.56 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.3	12.6	19.0





#72

Carbazole

Concen: 49.983 ng

RT: 11.72 min Scan# 1595

Delta R.T. 0.00 min

Lab File: BF107326.D

Acq: 12 Jul 2018 3:34

Instrument :

BNA_F

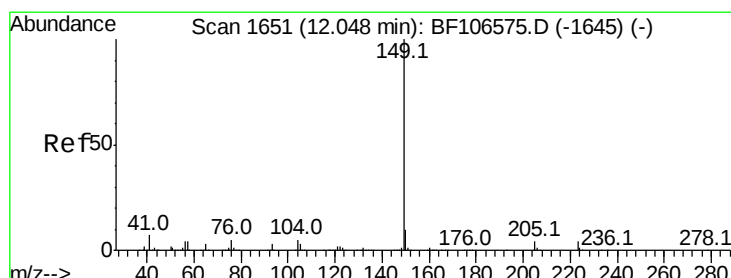
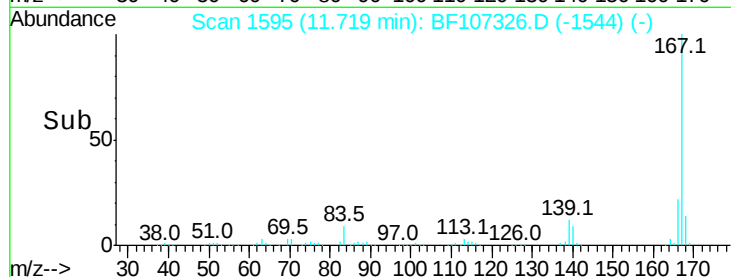
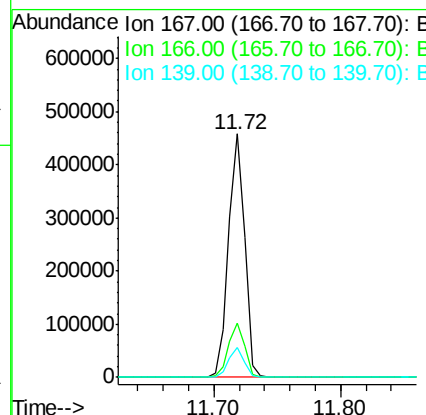
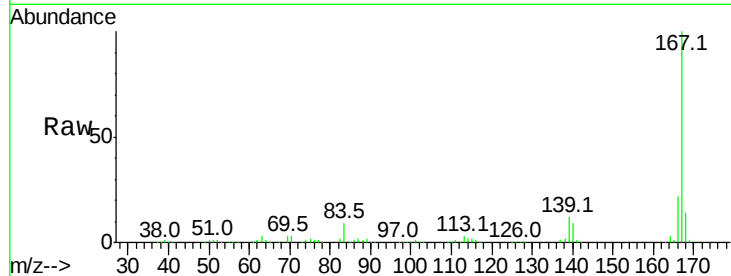
ClientSampleId :

PB111003BS

Tot Ion:	167	Resp:	406505
Ion Ratio	Lower	Upper	
167	100		
166	22.4	17.6	26.4
139	12.2	10.9	16.3

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#73

Di-n-butylphthalate

Concen: 49.910 ng

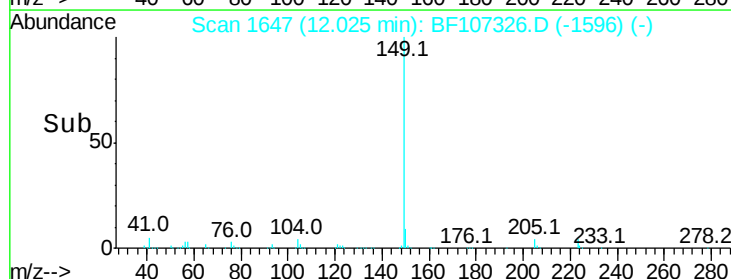
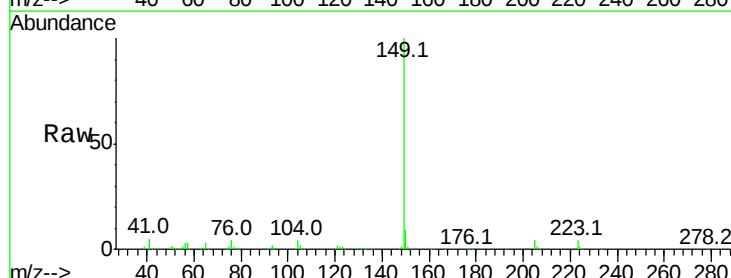
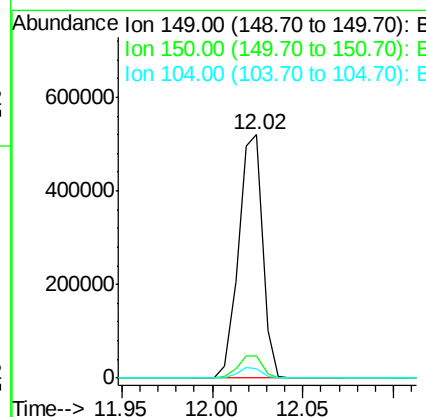
RT: 12.02 min Scan# 1647

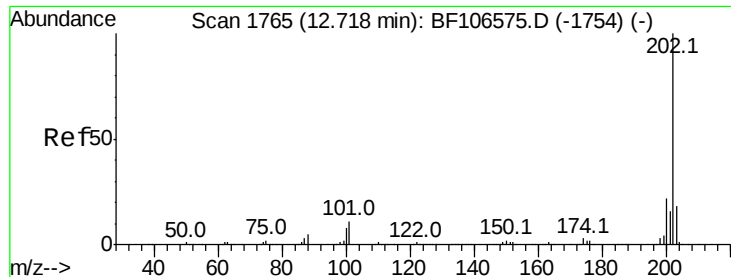
Delta R.T. 0.00 min

Lab File: BF107326.D

Acq: 12 Jul 2018 3:34

Tgt Ion:	149	Resp:	478203
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.8	11.6
104	4.1	3.8	5.8





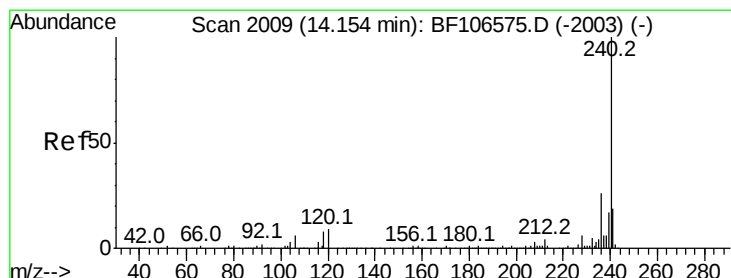
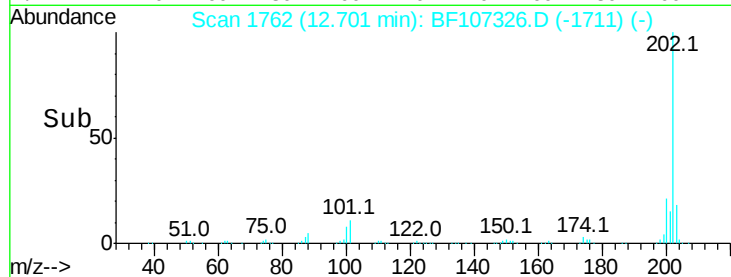
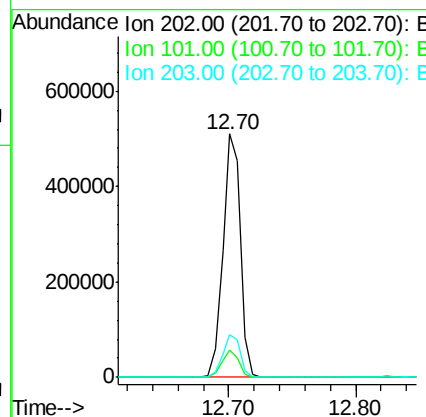
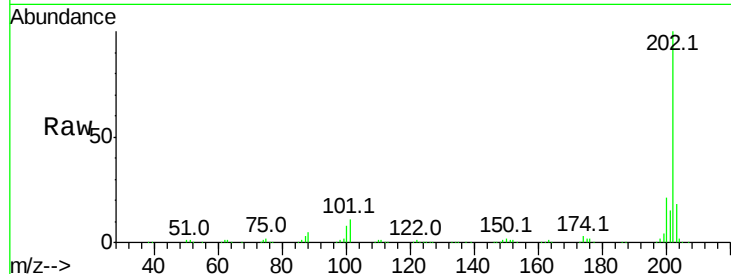
#74
Fluoranthene
Concen: 52.325 ng
RT: 12.70 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Instrument :
BNA_F
ClientSampleId :
PB111003BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.1	0.0	34.1
203	17.7	0.0	38.1

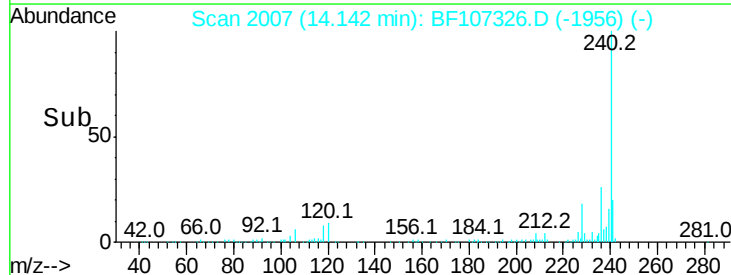
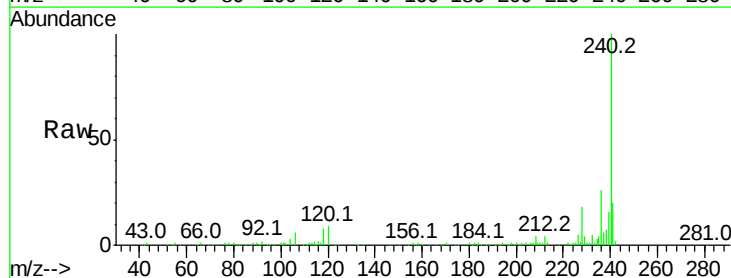
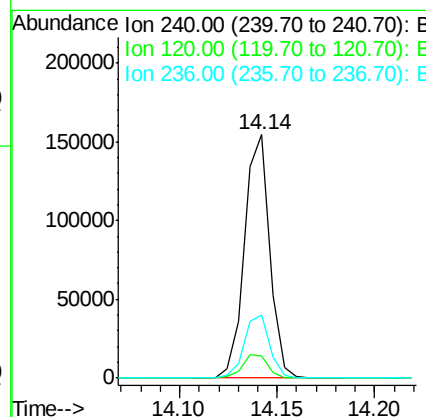
Manual Integrations
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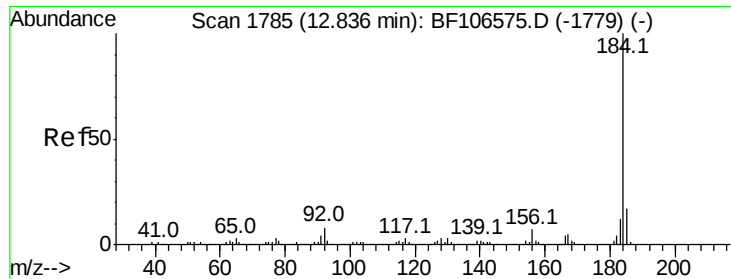
Sohil
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.1	9.5	14.3#
236	25.9	20.7	31.1





#76

Benzidine

Concen: 90.832 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.01 min

Lab File: BF107326.D

Acq: 12 Jul 2018 3:34

Instrument :

BNA_F

ClientSampleId :

PB111003BS

Tot Ion:184 Resp: 358282

Ion Ratio Lower Upper

184 100

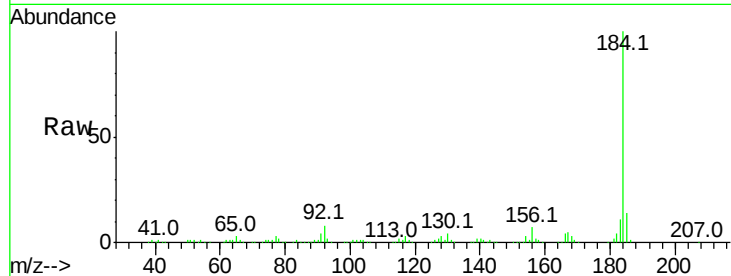
185 13.9 12.6 18.8

183 11.3 9.3 13.9

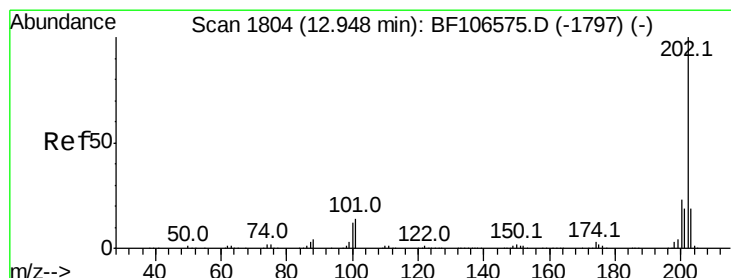
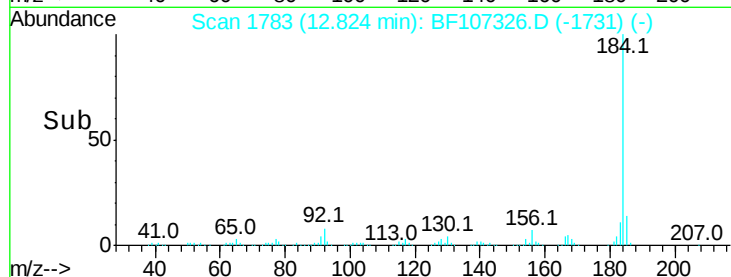
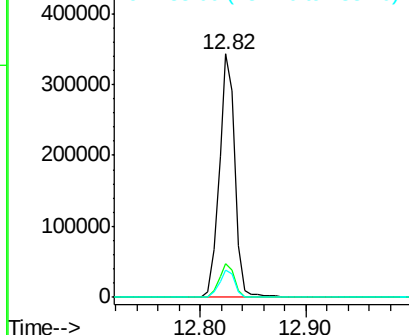
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 53.908 ng

RT: 12.94 min Scan# 1802

Delta R.T. 0.00 min

Lab File: BF107326.D

Acq: 12 Jul 2018 3:34

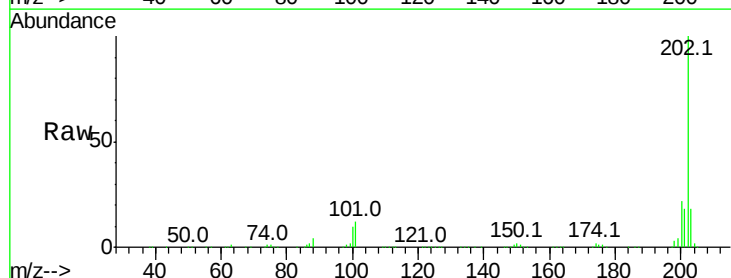
Tgt Ion:202 Resp: 492349

Ion Ratio Lower Upper

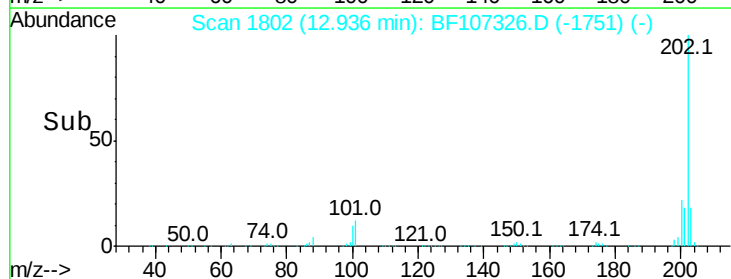
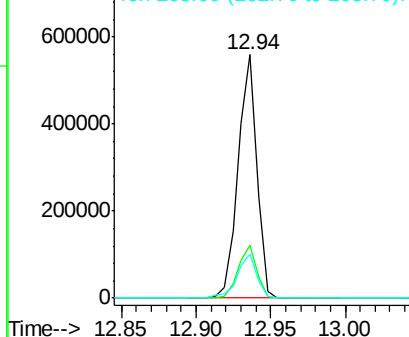
202 100

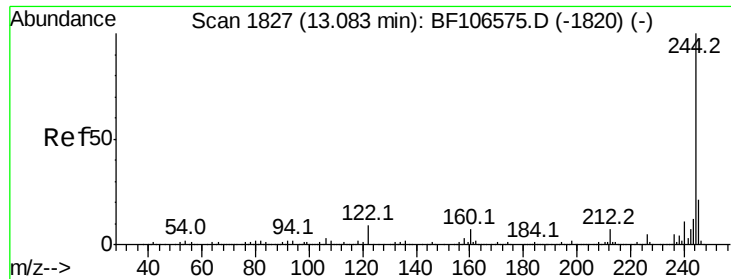
200 21.8 17.4 26.2

203 17.9 14.3 21.5



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





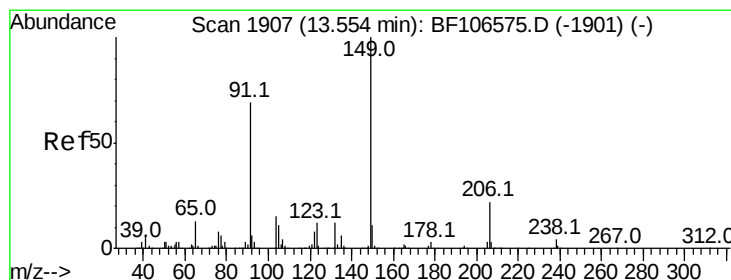
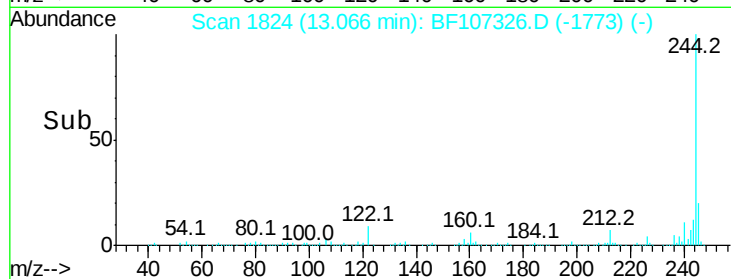
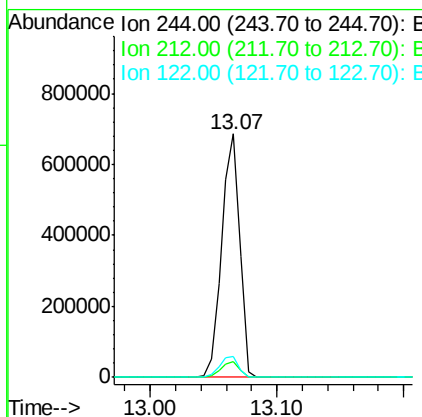
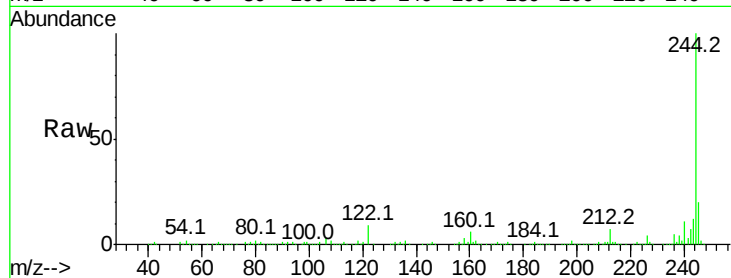
#78
 Terphenyl-d14
 Concen: 118.806 ng
 RT: 13.07 min Scan# 1824
 Delta R.T. 0.00 min
 Lab File: BF107326.D
 Acq: 12 Jul 2018 3:34

Instrument :
 BNA_F
 ClientSampleId :
 PB111003BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	8.6	11.0	16.4

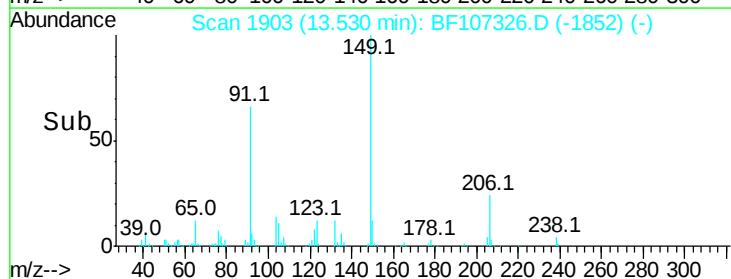
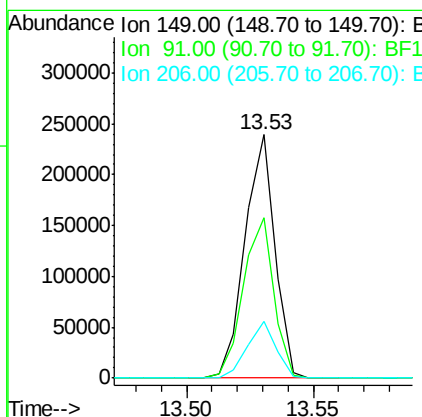
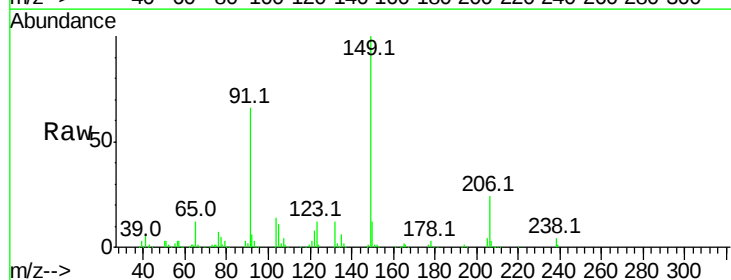
Manual Integrations
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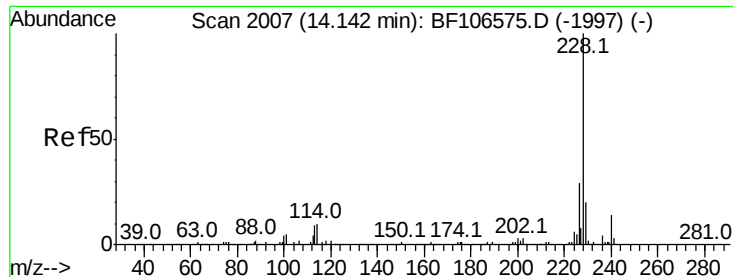
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#79
 Butylbenzylphthalate
 Concen: 52.505 ng
 RT: 13.53 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: BF107326.D
 Acq: 12 Jul 2018 3:34

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.1	56.8	85.2
206	23.5	14.1	21.1





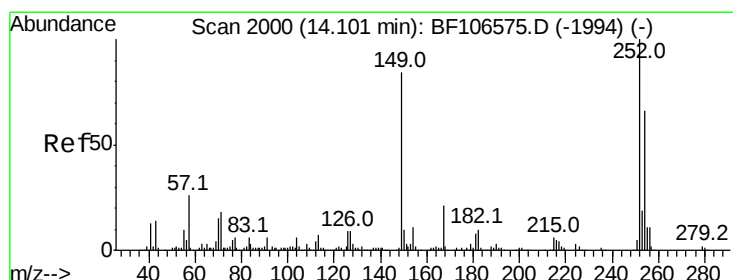
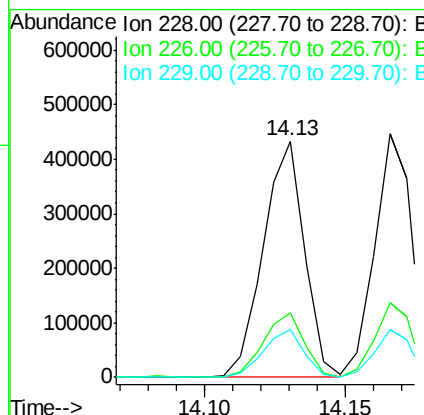
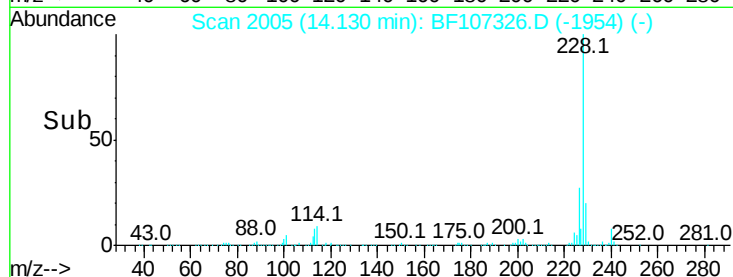
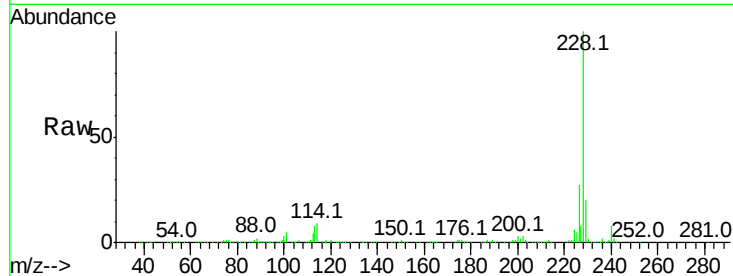
#80
Benzo(a)anthracene
Concen: 51.793 ng
RT: 14.13 min Scan# 2005
Delta R.T. 0.00 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Instrument :
BNA_F
ClientSampleId :
PB111003BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	20.1	15.8	23.6

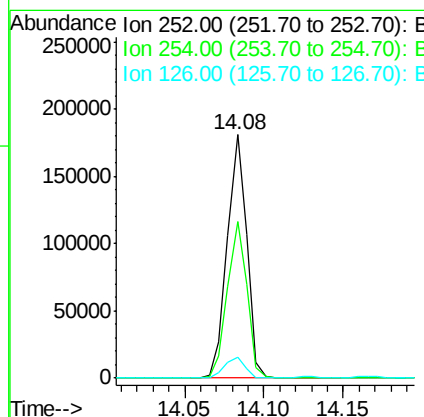
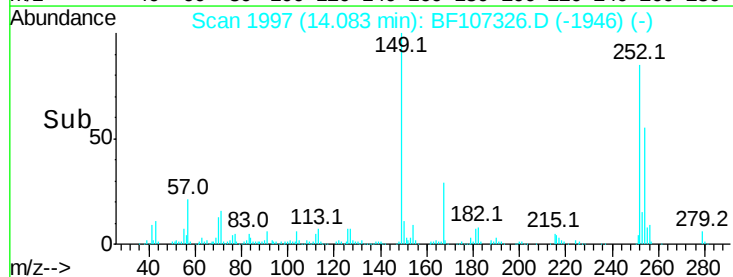
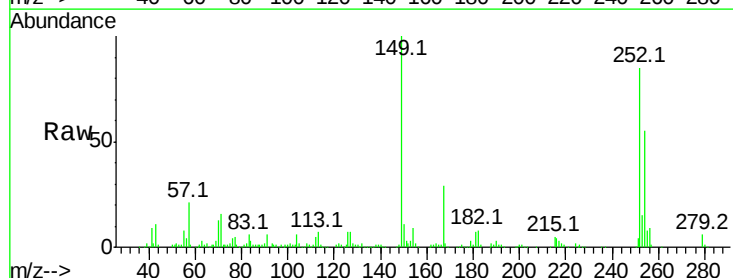
Manual Integrations
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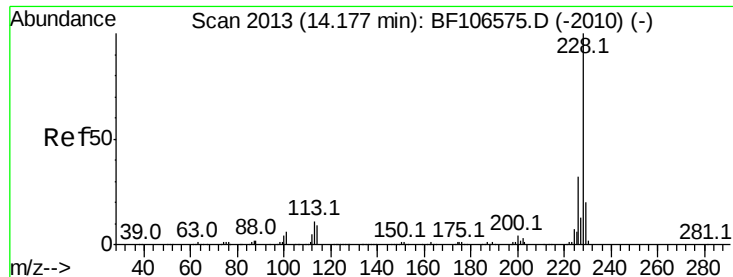
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#81
3,3'-Dichlorobenzidine
Concen: 52.122 ng
RT: 14.08 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	50.4	75.6
126	8.6	11.3	16.9





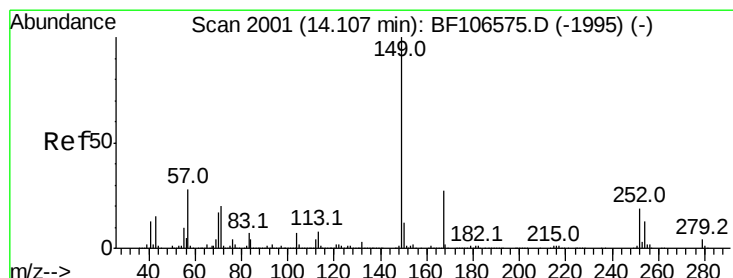
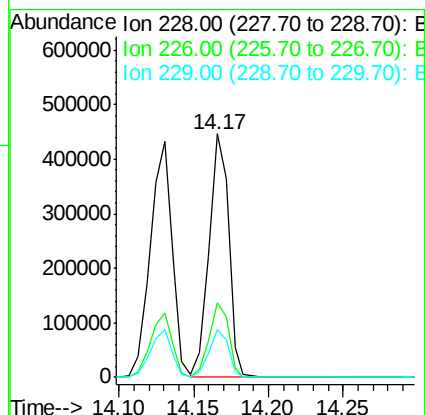
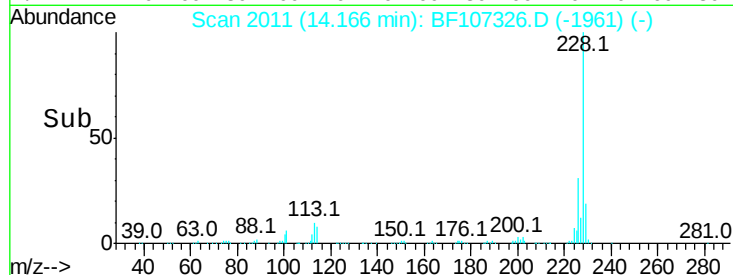
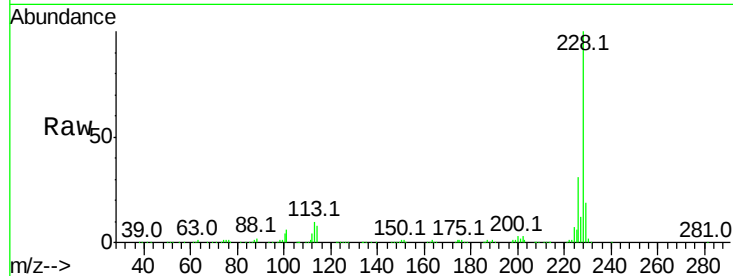
#82
 Chrysene
 Concen: 52.052 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BF107326.D
 Acq: 12 Jul 2018 3:34

Instrument :
 BNA_F
 ClientSampleId :
 PB111003BS

Tot Ion:	228	Resp:	404227
Ion Ratio	Lower	Upper	
228	100		
226	30.6	25.0	37.6
229	19.4	16.2	24.4

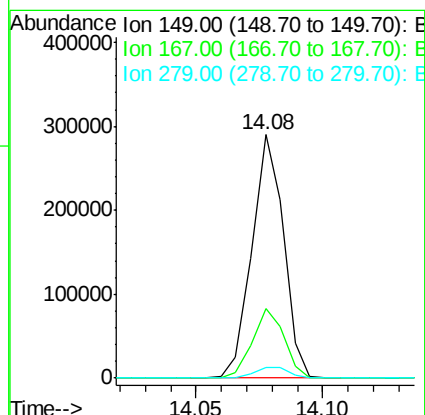
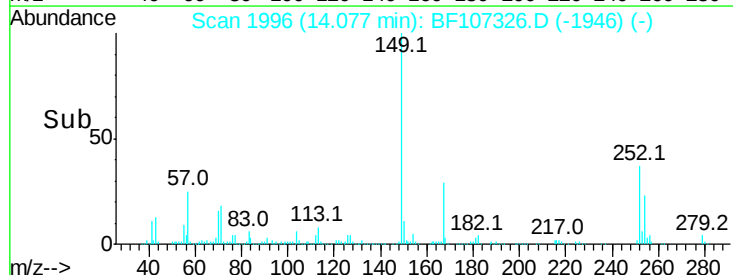
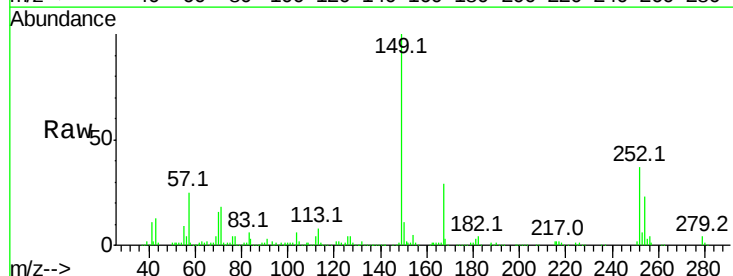
Manual Integrations
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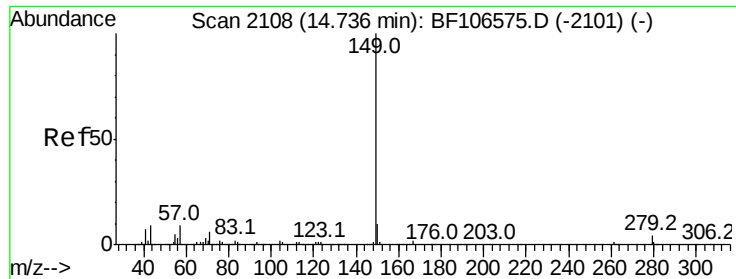
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.561 ng
 RT: 14.08 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF107326.D
 Acq: 12 Jul 2018 3:34

Tgt Ion:	149	Resp:	252335
Ion Ratio	Lower	Upper	
149	100		
167	28.6	21.3	31.9
279	4.4	3.0	4.4





#84

Di-n-octyl phthalate

Concen: 57.430 ng

RT: 14.70 min Scan# 2102

Delta R.T. -0.01 min

Lab File: BF107326.D

Acq: 12 Jul 2018 3:34

Instrument :

BNA_F

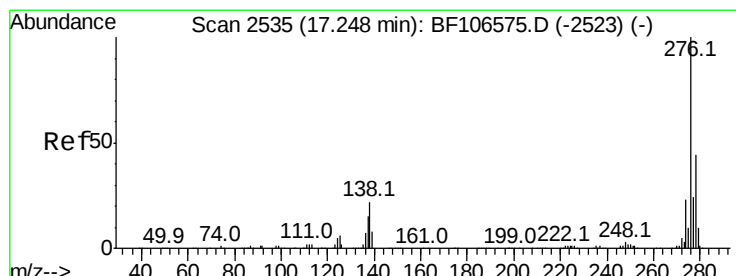
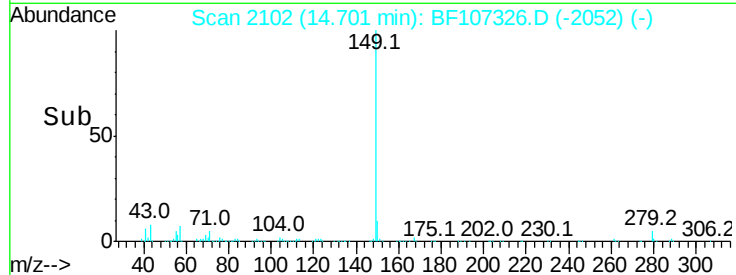
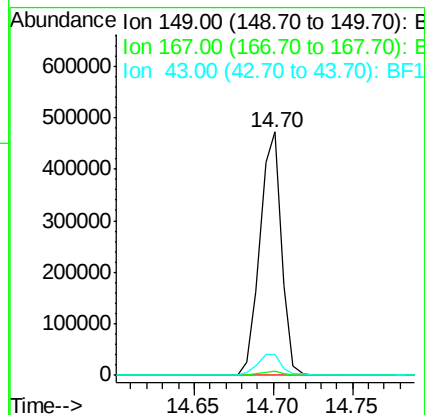
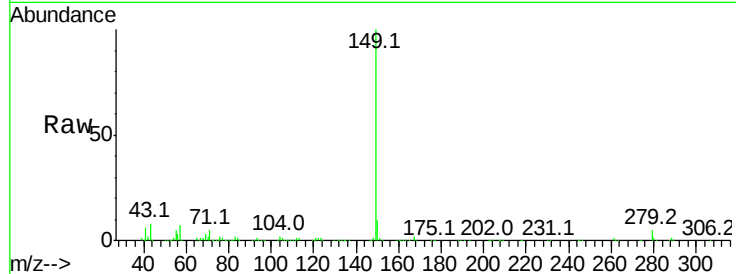
ClientSampleId :

PB111003BS

Tot Ion:	149	Resp:	449417
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.2	1.8
43	9.2	8.4	12.6

Manual Integrations
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#85

Indeno(1,2,3-cd)pyrene

Concen: 48.915 ng

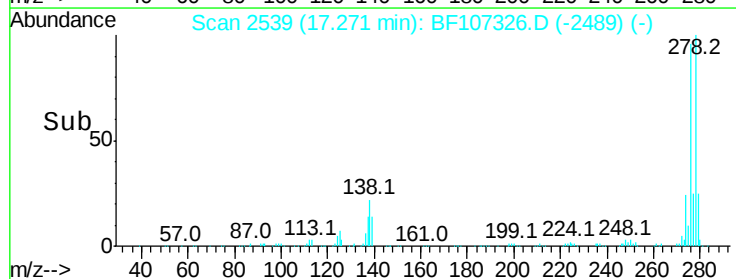
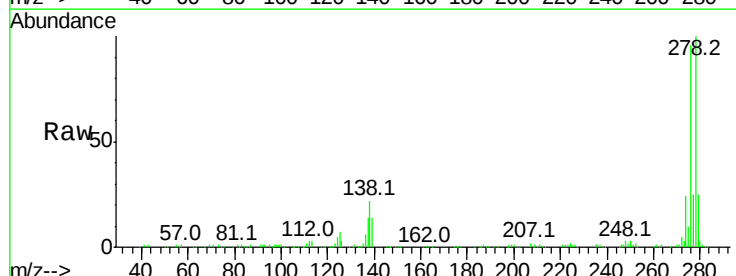
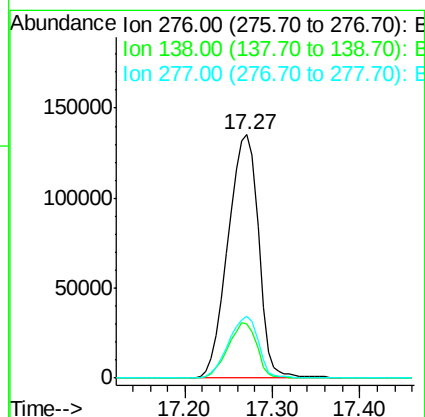
RT: 17.27 min Scan# 2539

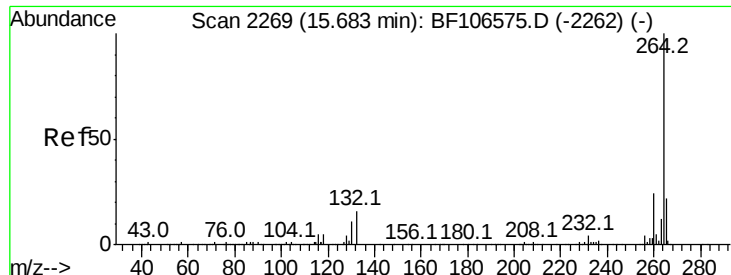
Delta R.T. -0.01 min

Lab File: BF107326.D

Acq: 12 Jul 2018 3:34

Tgt Ion:	276	Resp:	322366
Ion Ratio	Lower	Upper	
276	100		
138	21.7	25.0	37.6#
277	24.9	20.1	30.1





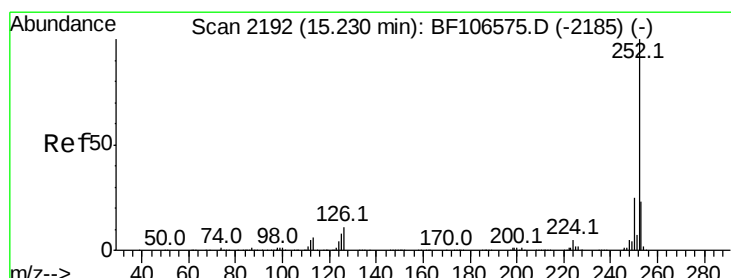
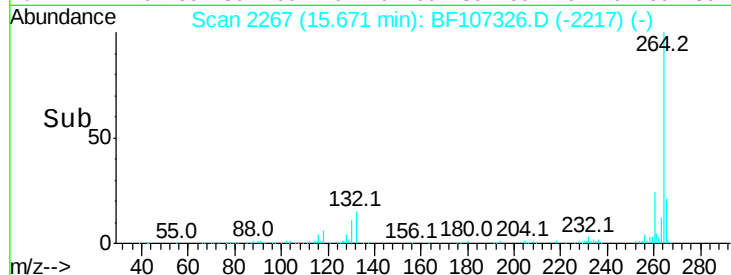
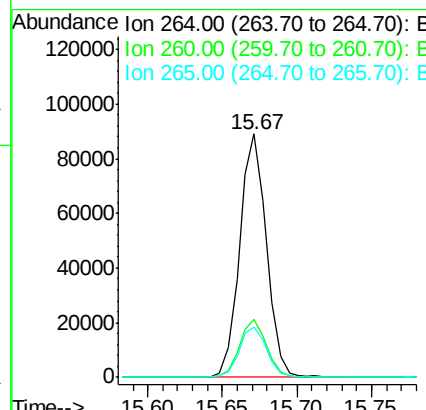
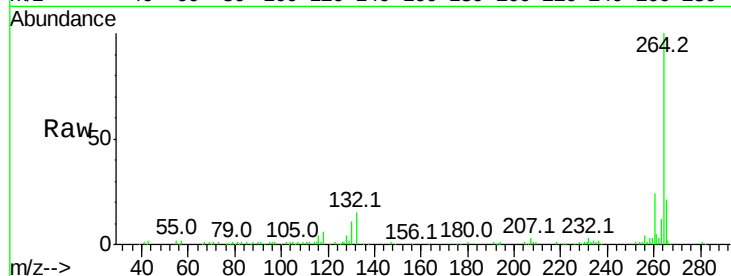
#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2267
 Delta R.T. -0.01 min
 Lab File: BF107326.D
 Acq: 12 Jul 2018 3:34

Instrument :
 BNA_F
 ClientSampleId :
 PB111003BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	20.7	17.5	26.3

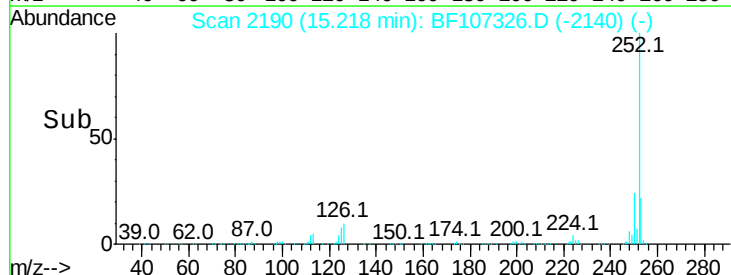
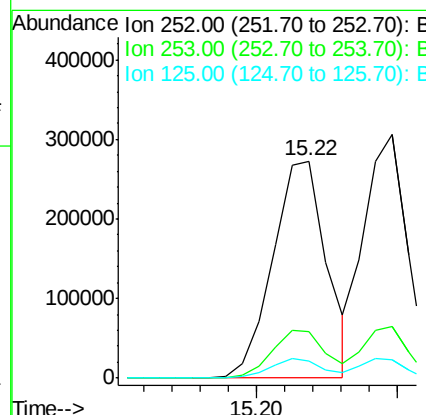
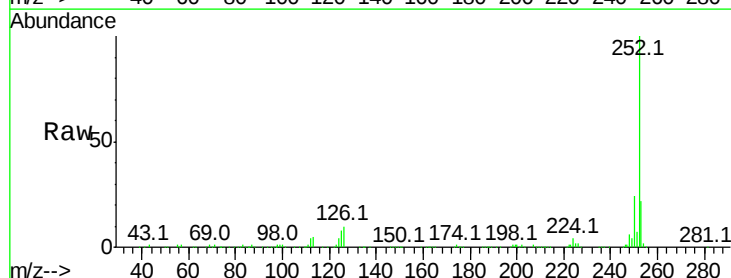
Manual Integrations
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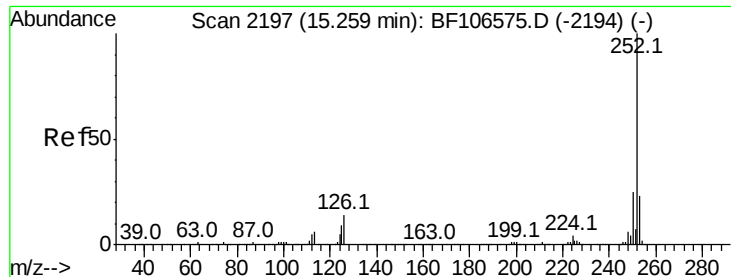
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#87
 Benzo(b)fluoranthene
 Concen: 52.353 ng
 RT: 15.22 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BF107326.D
 Acq: 12 Jul 2018 3:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.6
125	7.9	9.0	13.6#





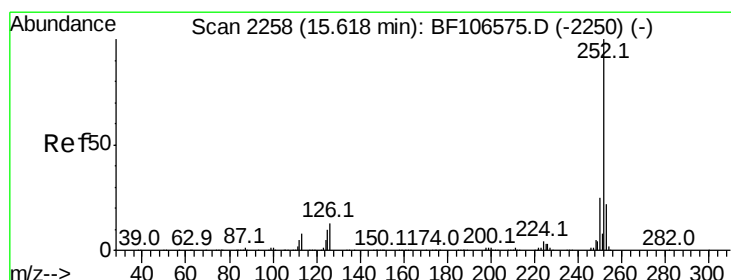
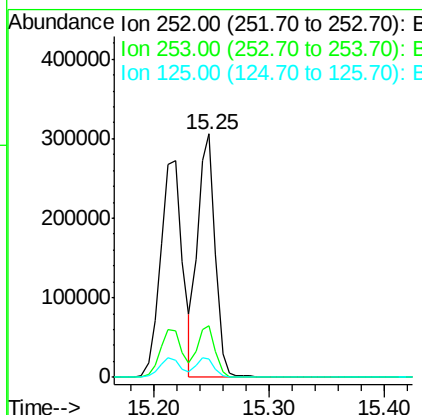
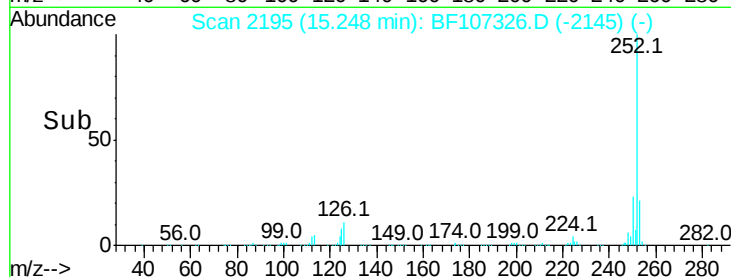
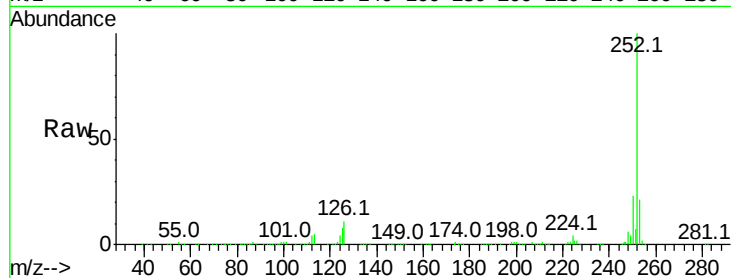
#88
Benzo(k)fluoranthene
Concen: 49.892 ng
RT: 15.25 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Instrument :
BNA_F
ClientSampleId :
PB111003BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.9	26.9
125	7.7	10.2	15.2#

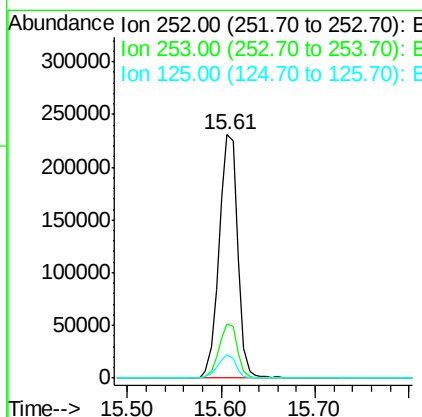
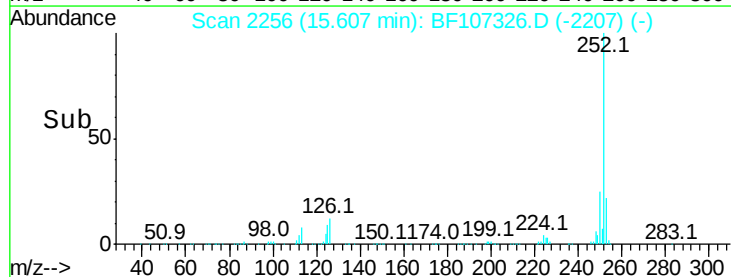
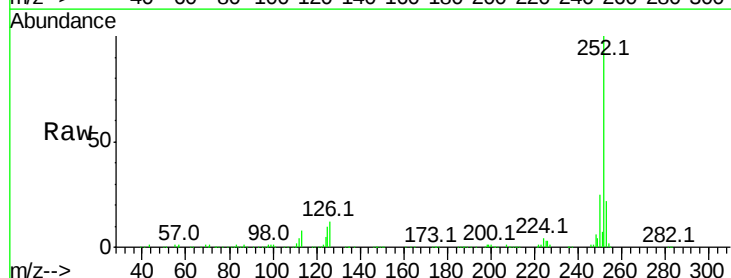
Manual Integrations
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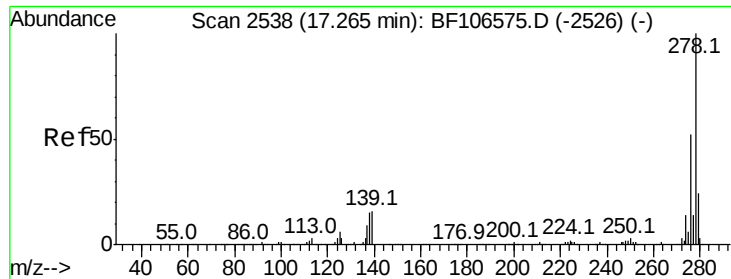
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#89
Benzo(a)pyrene
Concen: 52.036 ng
RT: 15.61 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	9.5	9.8	14.6#





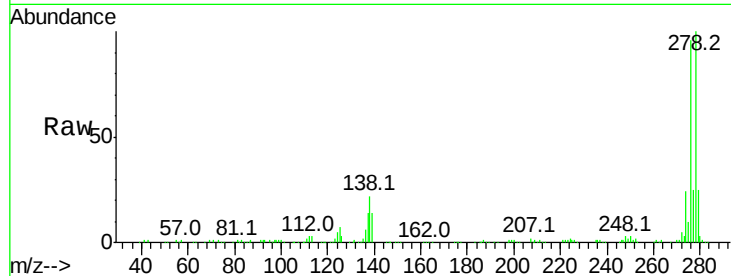
#90
Dibenzo(a,h)anthracene
Concen: 51.765 ng
RT: 17.27 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Instrument :
BNA_F
ClientSampleId :
PB111003BS

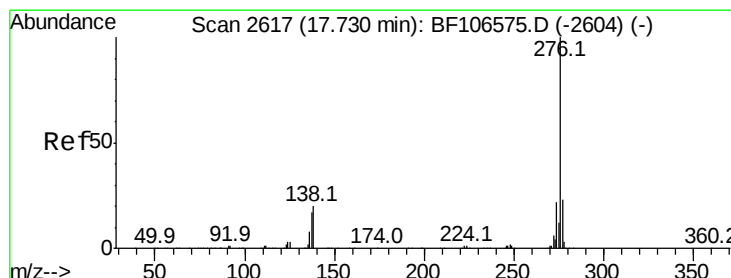
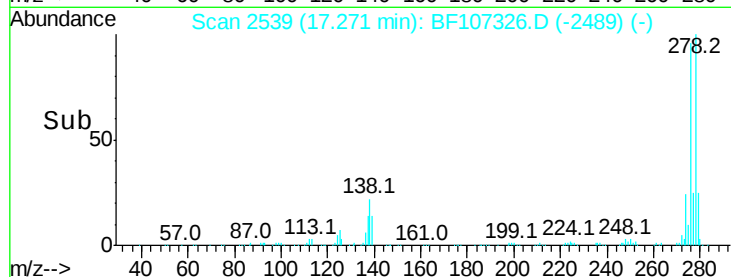
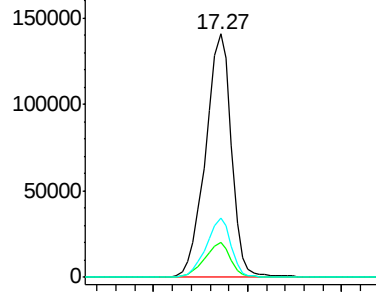
Tot Ion	Ratio	Lower	Upper
278	100		
139	14.3	15.9	23.9#
279	24.5	19.0	28.4

Manual Integrations
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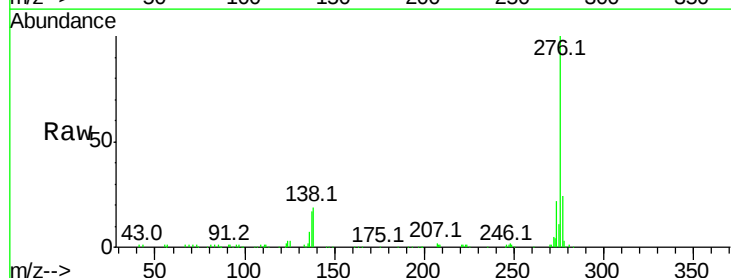


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 52.176 ng
RT: 17.75 min Scan# 2621
Delta R.T. -0.01 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	17.9	26.9
138	18.8	21.8	32.8#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

