

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071218\
 Data File : BF107334.D
 Acq On : 12 Jul 2018 13:11
 Operator : JU/SJ
 Sample : PB110905BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110905BS

Manual Integrations
 APPROVED

Sohil
 7/13/2018 11:17:09 AM

Quant Time: Jul 12 15:23:04 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	61123	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	239371	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	125473	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	242264	20.00	ng	0.00
75) Chrysene-d12	14.15	240	166798	20.00	ng	0.00
86) Perylene-d12	15.71	264	182186	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	425264	117.81	ng	0.02
7) Phenol-d6	6.58	99	522400	115.89	ng	0.00
23) Nitrobenzene-d5	7.50	82	340736	79.11	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	169711	116.70	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	640258	86.66	ng	0.00
78) Terphenyl-d14	13.07	244	685013	99.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	56016	30.185	ng	97
3) Pyridine	3.61	79	162589	32.305	ng	97
4) n-Nitrosodimethylamine	3.58	42	70558	33.008	ng	81
6) Aniline	6.60	93	156290	25.560	ng	# 46
8) 2-Chlorophenol	6.72	128	158666	40.076	ng	98
9) Benzaldehyde	6.49	77	58347	16.206	ng	98
10) Phenol	6.60	94	192138	37.349	ng	75
11) bis(2-Chloroethyl)ether	6.67	93	159347	37.520	ng	100
12) 1,3-Dichlorobenzene	6.87	146	181226	39.082	ng	98
13) 1,4-Dichlorobenzene	6.95	146	185060	39.475	ng	98
14) 1,2-Dichlorobenzene	7.10	146	172750	40.208	ng	98
15) Benzyl Alcohol	7.08	79	131290	36.272	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.20	45	221632	39.775	ng	# 39
17) 2-Methylphenol	7.20	107	134629	39.736	ng	# 89
18) Hexachloroethane	7.44	117	62983	38.204	ng	# 84
19) n-Nitroso-di-n-propylamine	7.34	70	111330	37.467	ng	92
20) 3+4-Methylphenols	7.35	107	175609	49.346	ng	# 82
22) Acetophenone	7.34	105	220741	41.219	ng	# 98
24) Nitrobenzene	7.52	77	172589	39.247	ng	99
25) Isophorone	7.75	82	320724	42.256	ng	98
26) 2-Nitrophenol	7.84	139	91684	44.165	ng	94
27) 2,4-Dimethylphenol	7.87	122	149754	46.671	ng	99
28) bis(2-Chloroethoxy)methane	7.95	93	204888	40.204	ng	98
29) 2,4-Dichlorophenol	8.08	162	149812	44.596	ng	94
30) 1,2,4-Trichlorobenzene	8.15	180	163252	44.114	ng	98
31) Naphthalene	8.24	128	464740	41.527	ng	100
32) Benzoic acid	8.02	122	67345	31.140	ng	93
33) 4-Chloroaniline	8.29	127	86950	18.516	ng	98
34) Hexachlorobutadiene	8.34	225	107366	44.525	ng	99
35) Caprolactam	8.68	113	46120m	42.118	ng	
36) 4-Chloro-3-methylphenol	8.79	107	149657	42.325	ng	99
37) 2-Methylnaphthalene	8.93	142	344335	46.420	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	181809	43.026	ng	# 96
40) Hexachlorocyclopentadiene	9.07	237	58608	26.958	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	95371	33.955	nq	94
43) 2,4,5-Trichlorophenol	9.27	196	96025	32.763	nq	91
45) 1,1'-Biphenyl	9.40	154	416134	41.615	nq	99
46) 2-Chloronaphthalene	9.42	162	305438	38.805	nq	97
47) 2-Nitroaniline	9.53	65	94325	35.637	nq	94
48) Acenaphthylene	9.85	152	470441	37.857	nq	100
49) Dimethylphthalate	9.70	163	343443	36.495	nq #	99
50) 2,6-Dinitrotoluene	9.77	165	82218	41.259	nq	95
51) Acenaphthene	10.01	154	288672	36.889	nq	97
52) 3-Nitroaniline	9.95	138	47182	20.576	nq	95
53) 2,4-Dinitrophenol	10.07	184	46490	47.222	nq #	16
54) Dibenzofuran	10.19	168	423193	39.494	nq	97
55) 4-Nitrophenol	10.14	139	31818	19.879	nq	96
56) 2,4-Dinitrotoluene	10.19	165	99209	38.142	nq	93
57) Fluorene	10.54	166	349274	41.077	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	69888	29.997	nq #	76
59) Diethylphthalate	10.40	149	334057	36.779	nq #	94
60) 4-Chlorophenyl-phenylether	10.52	204	183907	41.337	nq #	85
61) 4-Nitroaniline	10.57	138	71521	31.427	nq	95
62) Azobenzene	10.68	77	328332	36.708	nq	90
64) 4,6-Dinitro-2-methylphenol	10.61	198	51753	34.559	nq #	69
65) n-Nitrosodiphenylamine	10.64	169	301770	37.033	nq	99
66) 4-Bromophenyl-phenylether	11.01	248	124999	43.233	nq #	77
67) Hexachlorobenzene	11.09	284	132040	43.633	nq #	80
68) Atrazine	11.17	200	102683	39.639	nq	94
69) Pentachlorophenol	11.30	266	31229	20.682	nq	92
70) Phenanthrene	11.51	178	498991	42.704	nq	99
71) Anthracene	11.56	178	511491	42.886	nq	99
72) Carbazole	11.72	167	423959	37.967	nq	98
73) Di-n-butylphthalate	12.02	149	492354	37.427	nq	99
74) Fluoranthene	12.70	202	508166	39.457	nq	96
76) Benzidine	12.82	184	132881	27.973	nq	97
77) Pyrene	12.93	202	499533	45.416	nq	99
79) Butylbenzylphthalate	13.53	149	177176	39.178	nq #	90
80) Benzo(a)anthracene	14.14	228	435071	42.797	nq	99
81) 3,3'-Dichlorobenzidine	14.09	252	95933	26.850	nq #	96
82) Chrysene	14.17	228	402492	43.036	nq	100
83) Bis(2-ethylhexyl)phthalate	14.08	149	224856	38.891	nq #	96
84) Di-n-octyl phthalate	14.73	149	391687	41.561	nq	96
85) Indeno(1,2,3-cd)pyrene	17.32	276	513628	64.715	nq #	89
87) Benzo(b)fluoranthene	15.25	252	435929	38.519	nq #	96
88) Benzo(k)fluoranthene	15.28	252	426995	39.619	nq #	96
89) Benzo(a)pyrene	15.64	252	431004	42.840	nq	97
90) Dibenzo(a,h)anthracene	17.32	278	421060	49.383	nq #	93
91) Benzo(g,h,i)perylene	17.80	276	439306	52.713	nq #	90

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

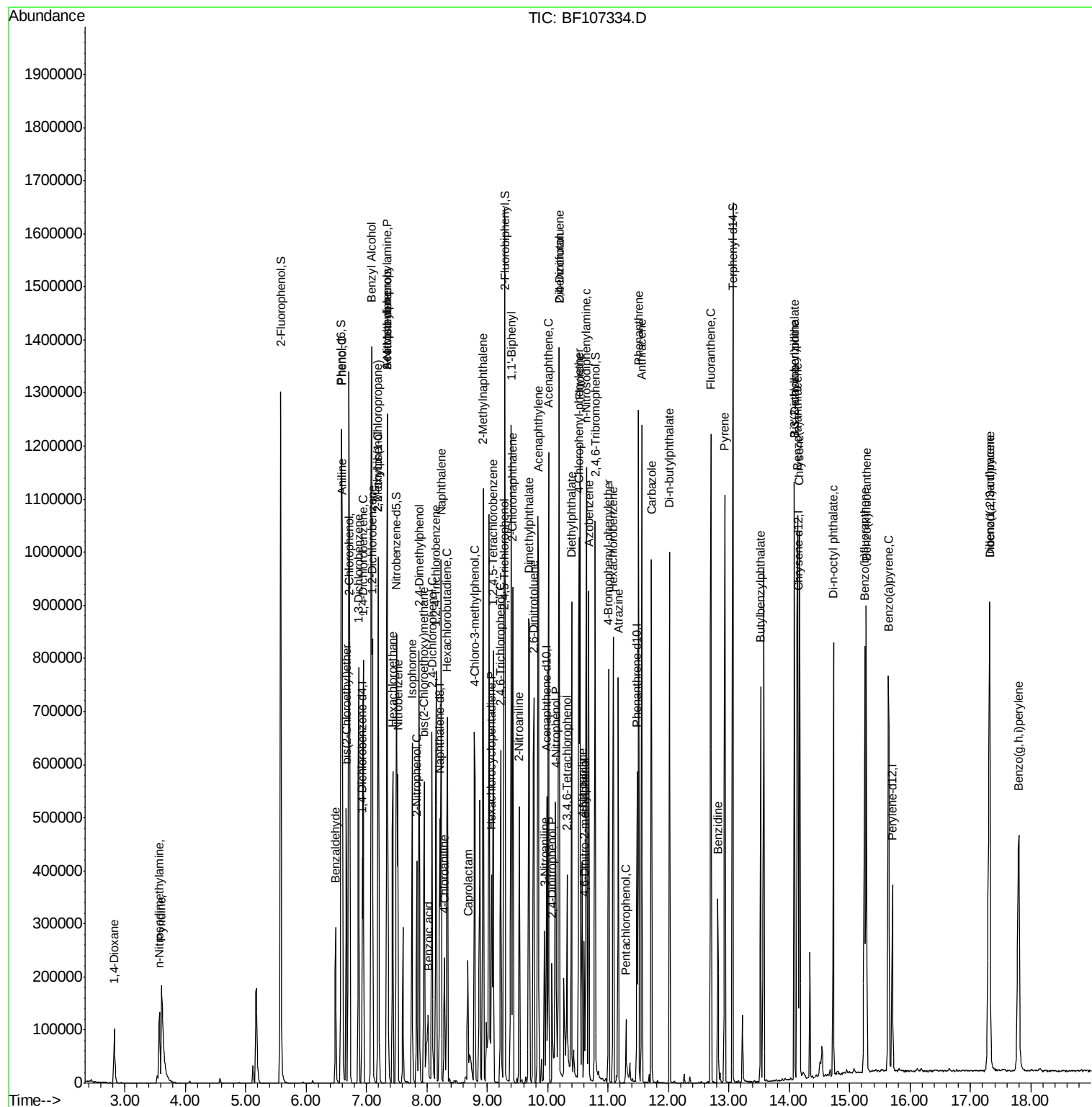
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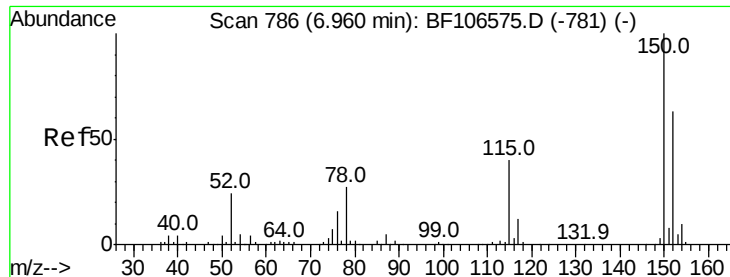
Instrument :
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#1

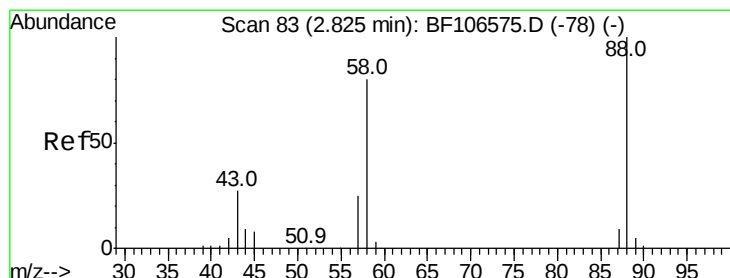
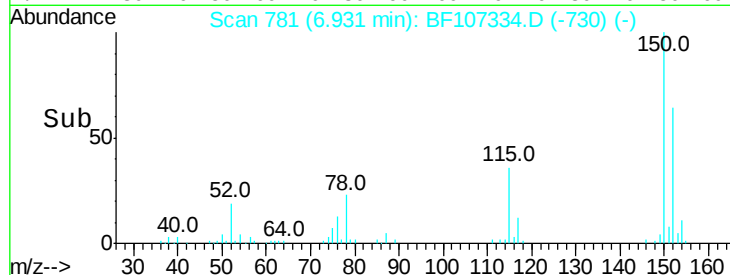
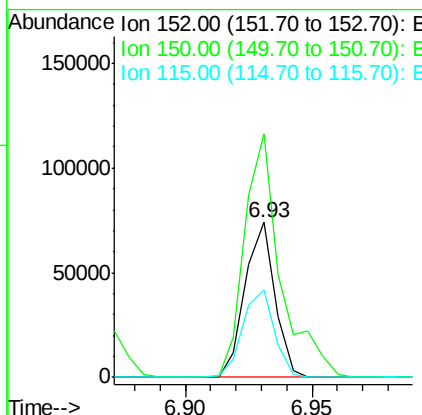
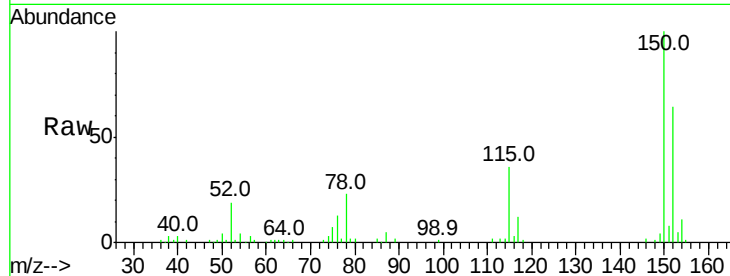
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF107334.D
Acq: 12 Jul 2018 13:11

Instrument :
BNA_F
ClientSampleId :
PB110905BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.6	186.8
115	56.8	50.1	75.1

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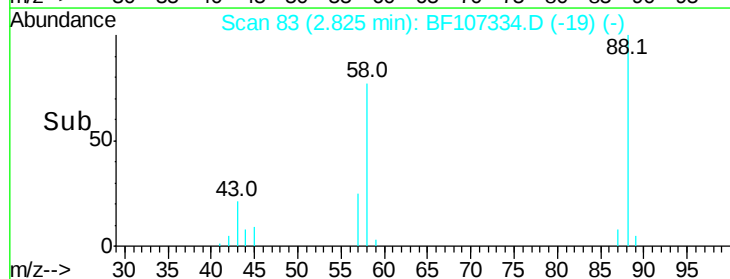
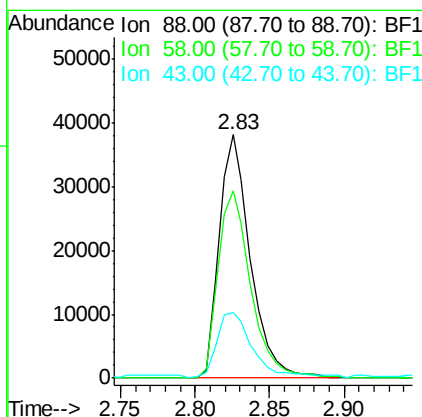
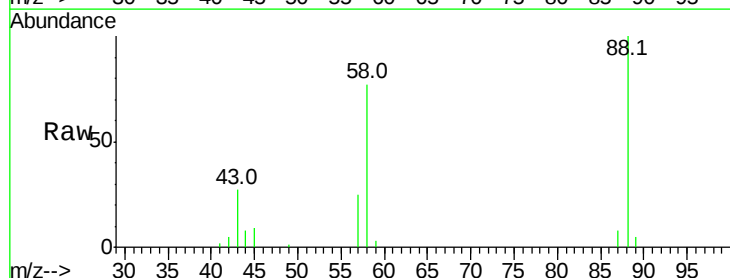
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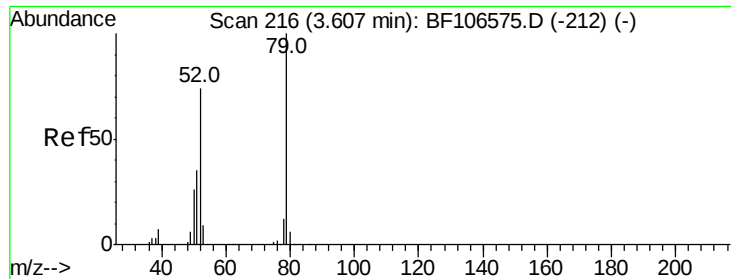


#2

1,4-Dioxane
Concen: 30.185 ng
RT: 2.83 min Scan# 83
Delta R.T. 0.08 min
Lab File: BF107334.D
Acq: 12 Jul 2018 13:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.0	62.6	93.8
43	31.6	24.6	37.0





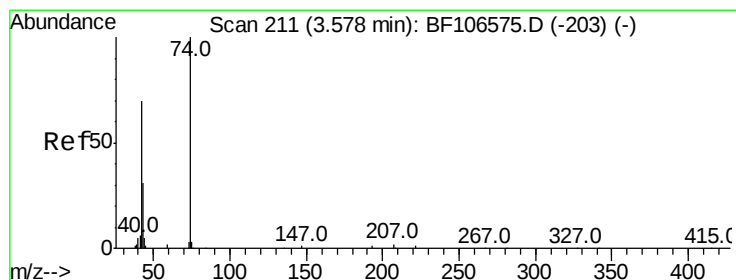
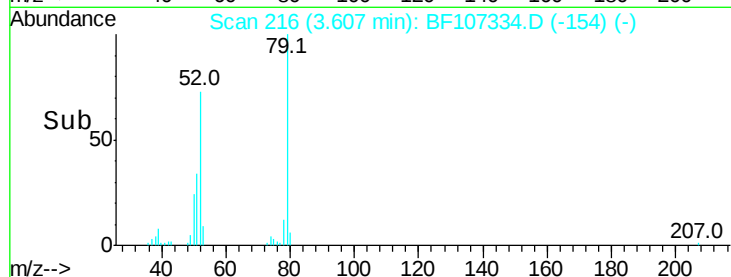
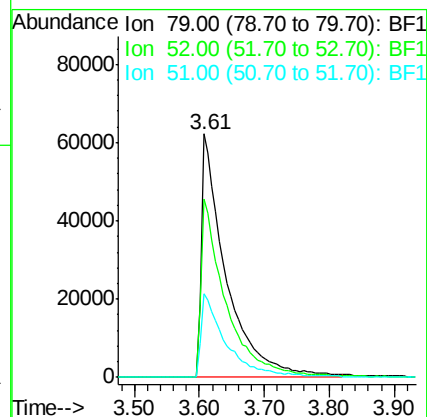
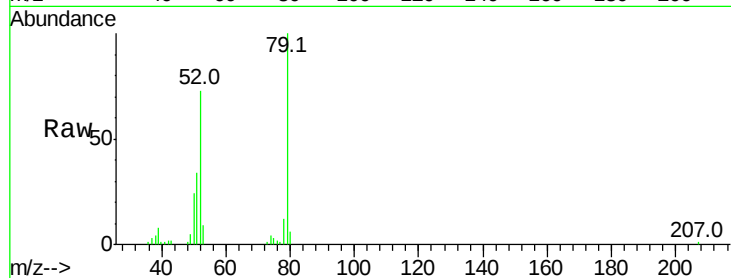
#3
 Pvridine
 Concen: 32.305 ng
 RT: 3.61 min Scan# 216
 Delta R.T. 0.06 min
 Lab File: BF107334.D
 Acq: 12 Jul 2018 13:11

Instrument :
 BNA_F
 ClientSampleId :
 PB110905BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	73.1	59.8	89.6
51	34.2	29.8	44.8

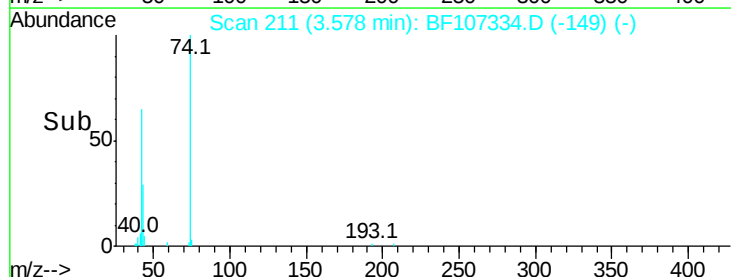
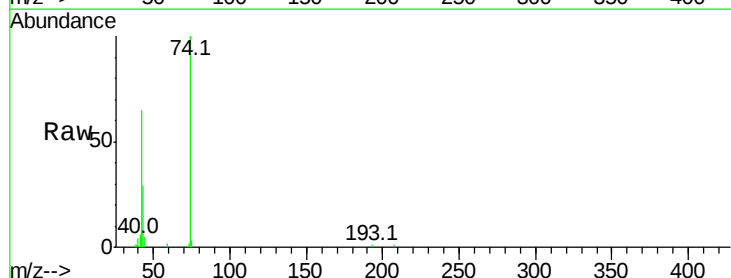
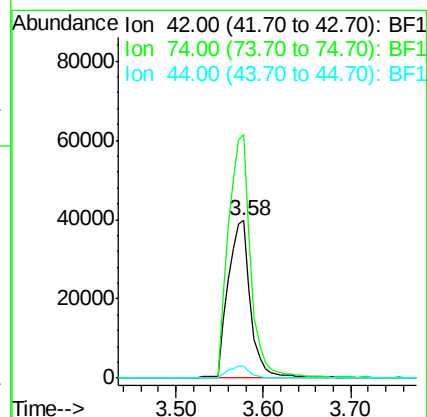
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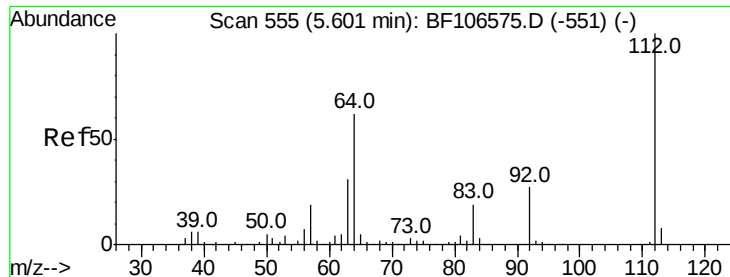
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#4
 n-Nitrosodimethylamine
 Concen: 33.008 ng
 RT: 3.58 min Scan# 211
 Delta R.T. 0.06 min
 Lab File: BF107334.D
 Acq: 12 Jul 2018 13:11

Tgt Ion	Ratio	Lower	Upper
42	100		
74	154.6	104.9	157.3
44	7.6	6.9	10.3





#5

2-Fluorophenol

Concen: 117.813 ng

RT: 5.58 min Scan# 552

Delta R.T. 0.02 min

Lab File: BF107334.D

Acq: 12 Jul 2018 13:11

Instrument :

BNA_F

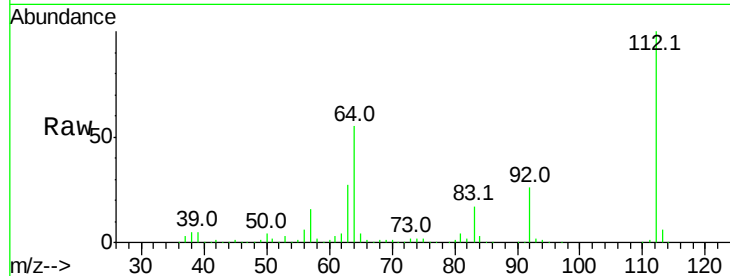
ClientSampleId :

PB110905BS

Tot Ion:	112	Resp:	425264
Ion Ratio	Lower	Upper	
112	100		
64	55.1	47.9	71.9
63	26.7	23.7	35.5

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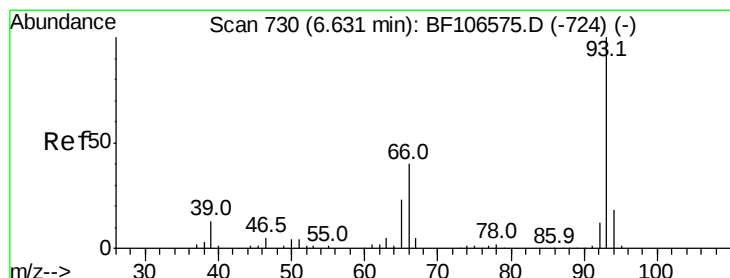
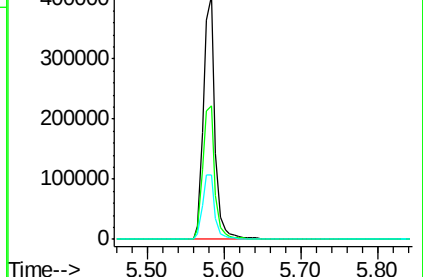
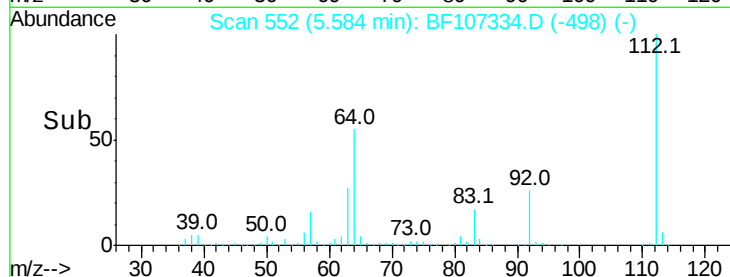
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 25.560 ng

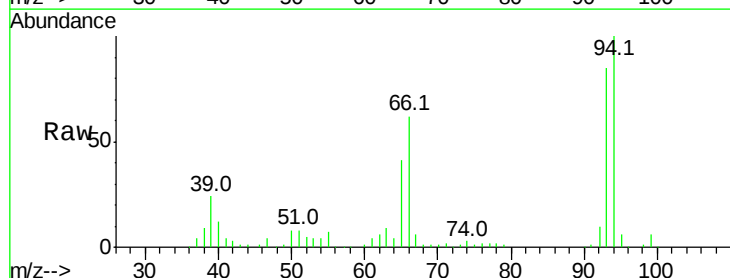
RT: 6.60 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF107334.D

Acq: 12 Jul 2018 13:11

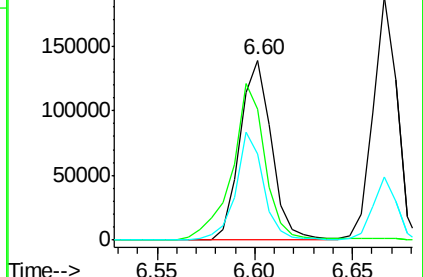
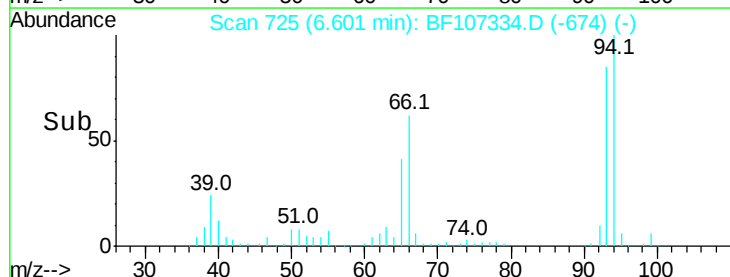
Tgt Ion:	93	Resp:	156290
Ion Ratio	Lower	Upper	
93	100		
66	72.5	32.2	48.2#
65	47.7	16.4	24.6#

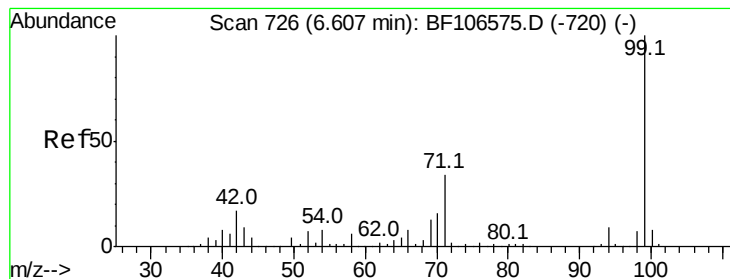


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 115.889 ng

RT: 6.58 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF107334.D

Acq: 12 Jul 2018 13:11

Instrument :

BNA_F

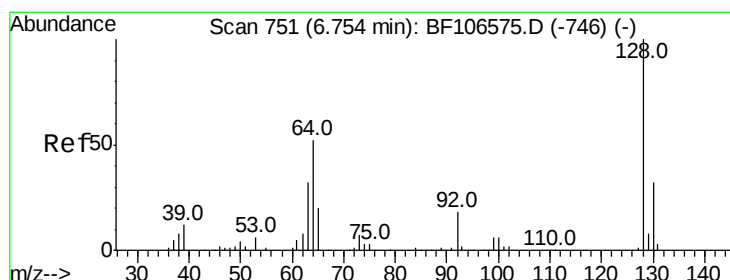
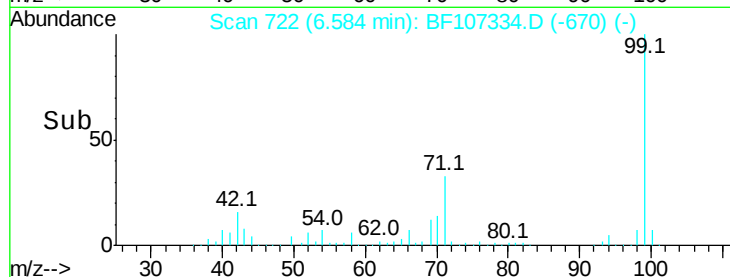
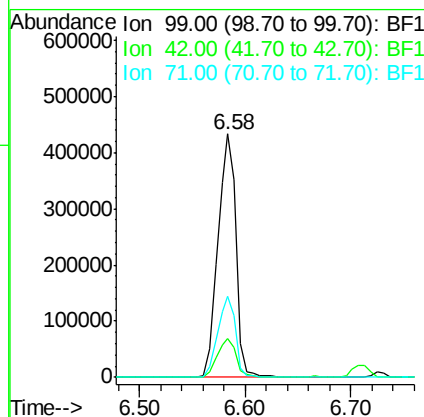
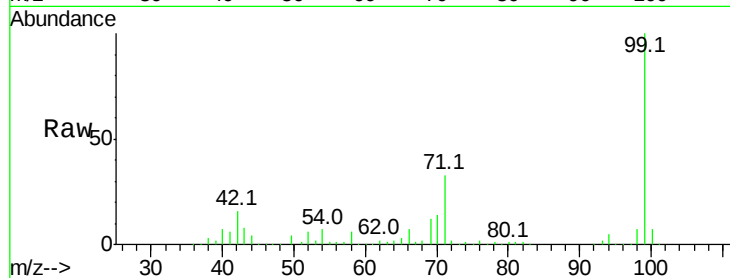
ClientSampleId :

PB110905BS

Tot Ion:	99	Resp:	522400
Ion Ratio	Lower	Upper	
99	100		
42	16.1	14.5	21.7
71	33.2	25.4	38.0

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#8

2-Chlorophenol

Concen: 40.076 ng

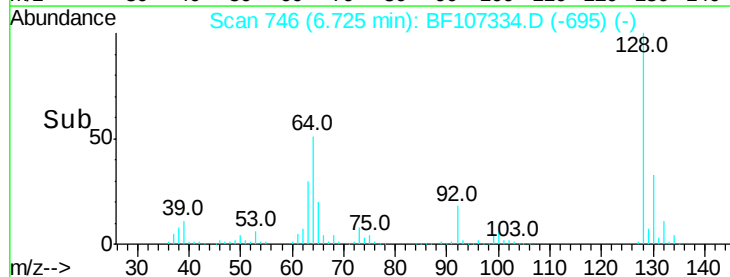
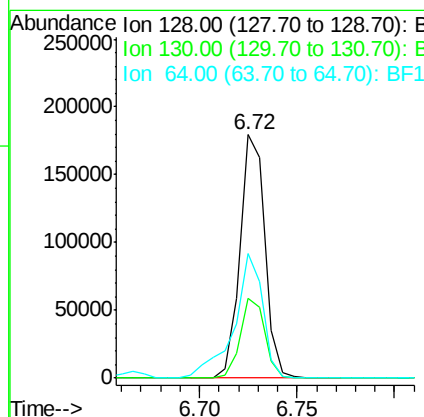
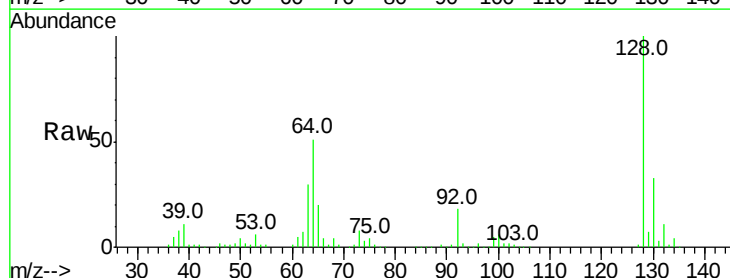
RT: 6.72 min Scan# 746

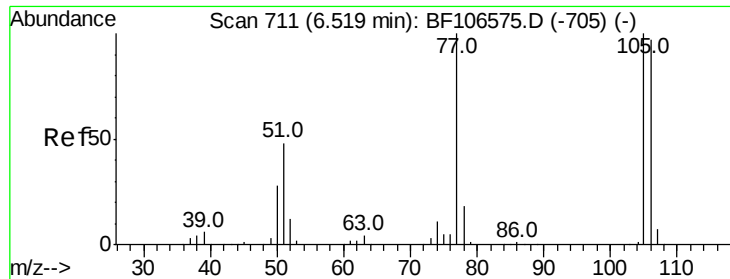
Delta R.T. 0.00 min

Lab File: BF107334.D

Acq: 12 Jul 2018 13:11

Tgt Ion:	128	Resp:	158666
Ion Ratio	Lower	Upper	
128	100		
130	32.6	13.0	53.0
64	51.4	29.4	69.4





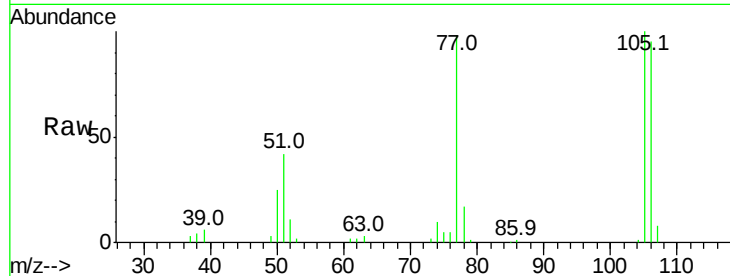
#9
Benzaldehyde
Concen: 16.206 ng
RT: 6.49 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF107334.D
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PB110905BS

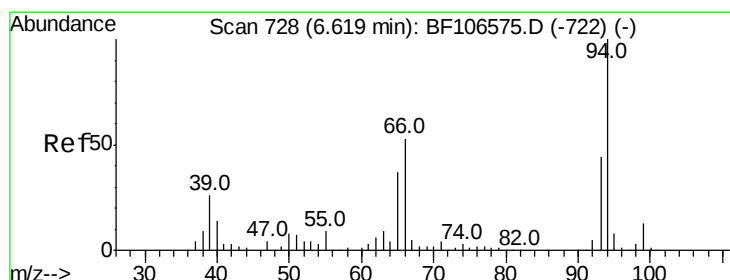
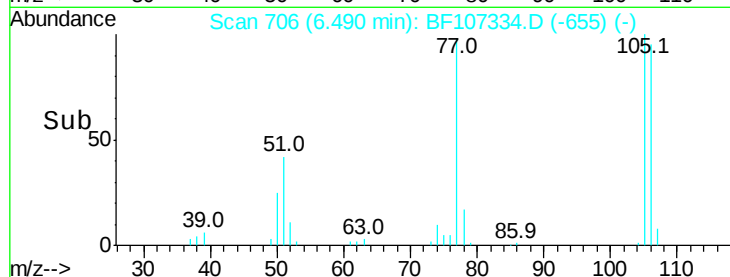
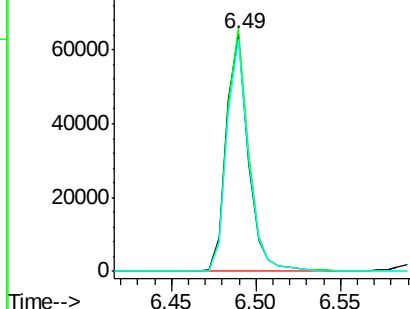
Tot Ion: 77 Resp: 58347
Ion Ratio Lower Upper
77 100
105 102.5 81.1 121.1
106 97.6 74.5 114.5

Manual Integrations
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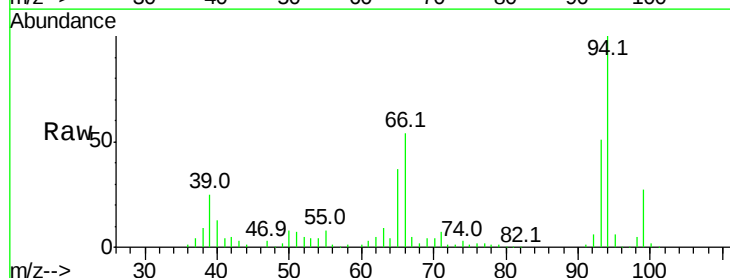


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

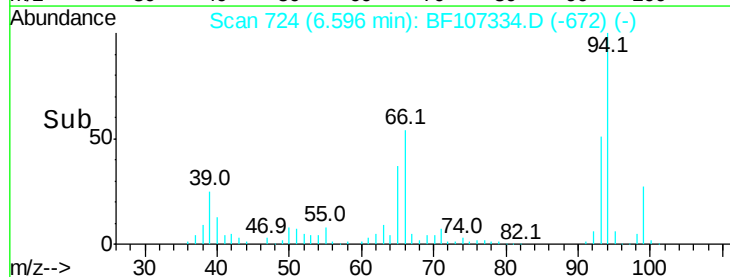
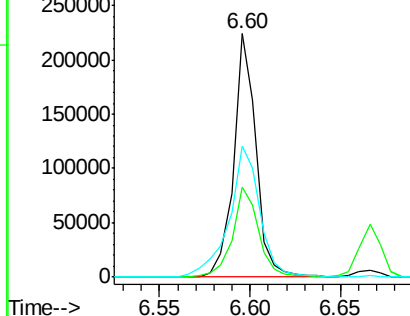


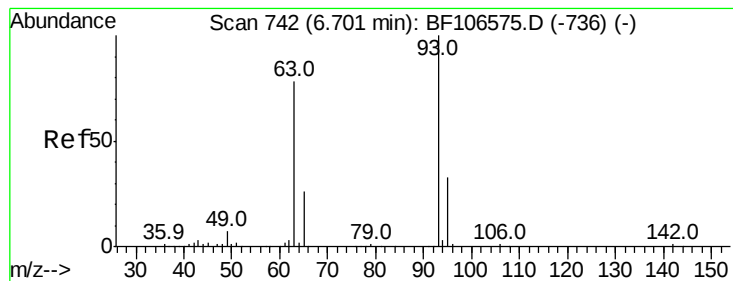
#10
Phenol
Concen: 37.349 ng
RT: 6.60 min Scan# 724
Delta R.T. 0.01 min
Lab File: BF107334.D
Acq: 12 Jul 2018 13:11

Tgt Ion: 94 Resp: 192138
Ion Ratio Lower Upper
94 100
65 37.1 7.9 47.9
66 54.0 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





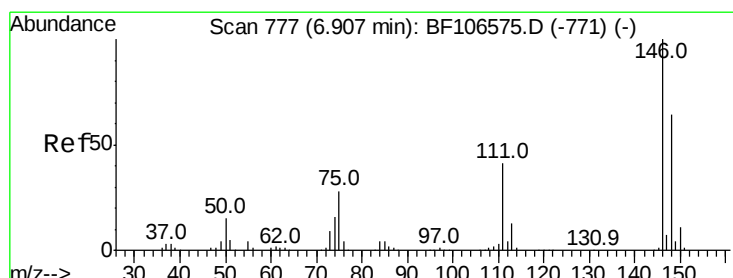
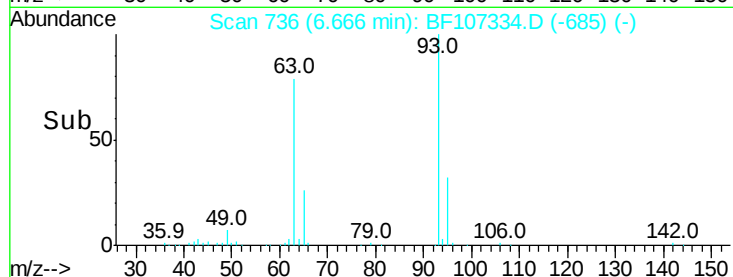
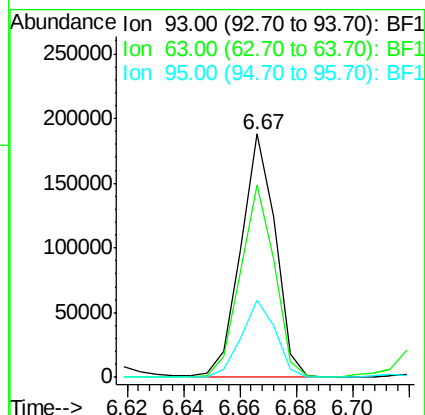
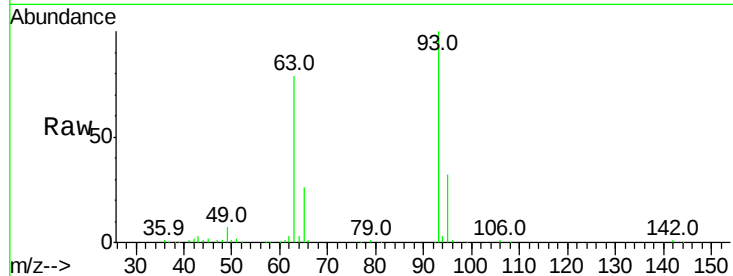
#11
bis(2-Chloroethyl)ether
Concen: 37.520 ng
RT: 6.67 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF107334.D
Acq: 12 Jul 2018 13:11

Instrument :
BNA_F
ClientSampleId :
PB110905BS

Tot Ion	93	Resp	159347
Ion Ratio	Lower	Upper	
93	100		
63	78.8	58.6	98.6
95	31.7	11.8	51.8

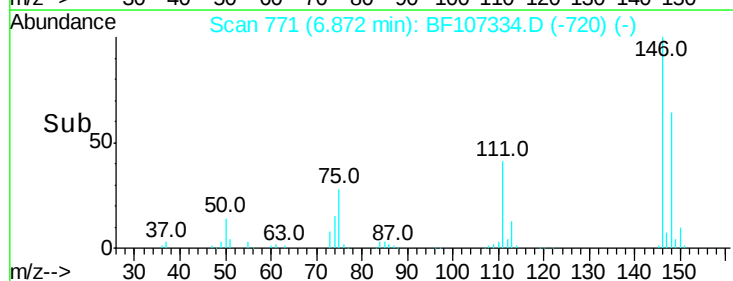
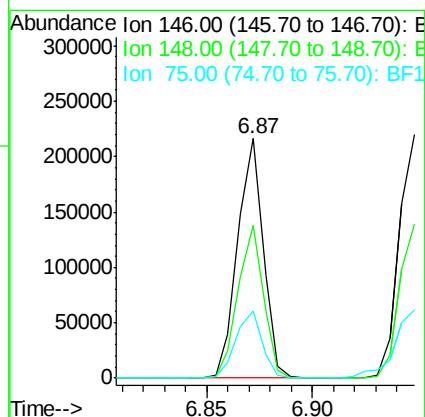
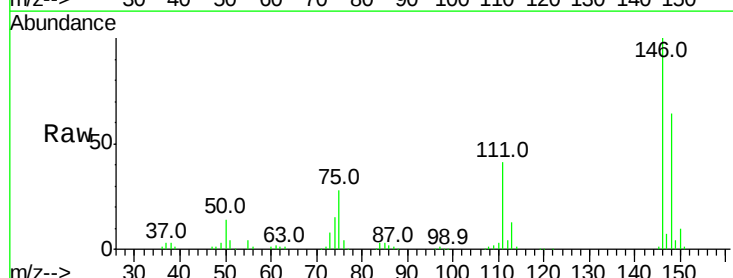
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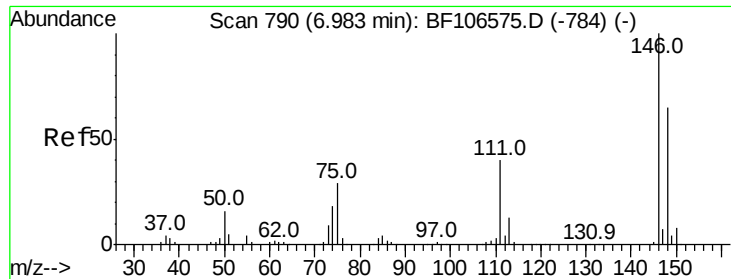
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#12
1,3-Dichlorobenzene
Concen: 39.082 ng
RT: 6.87 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF107334.D
Acq: 12 Jul 2018 13:11

Tgt Ion	146	Resp	181226
Ion Ratio	Lower	Upper	
146	100		
148	64.1	51.8	77.8
75	27.8	24.2	36.4





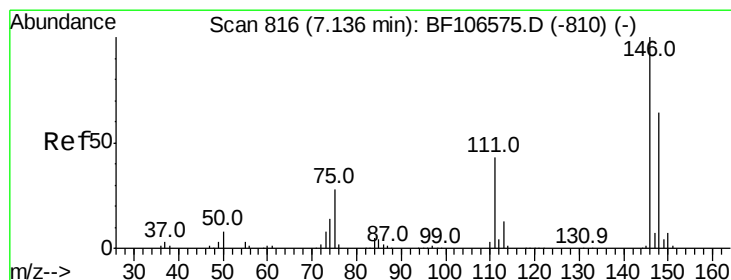
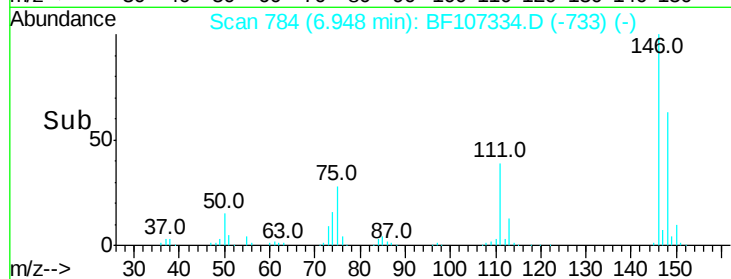
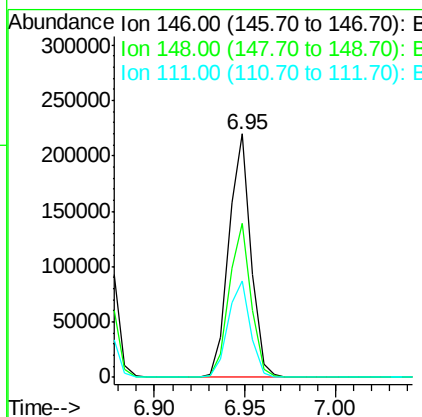
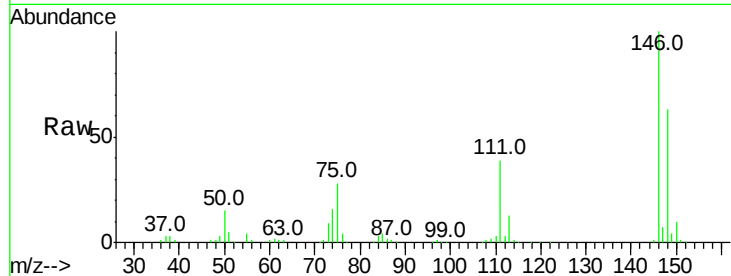
#13
 1,4-Dichlorobenzene
 Concen: 39.475 ng
 RT: 6.95 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BF107334.D
 Acq: 12 Jul 2018 13:11

Instrument :
 BNA_F
 ClientSampleId :
 PB110905BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.8	76.2
111	39.4	34.2	51.2

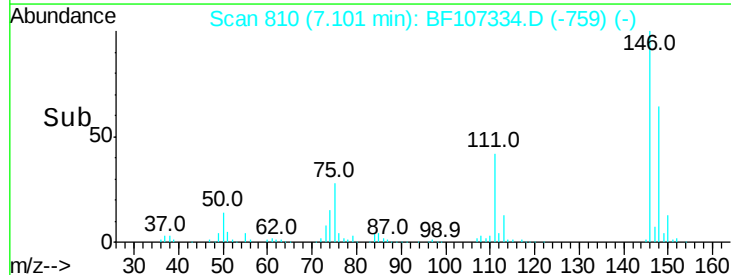
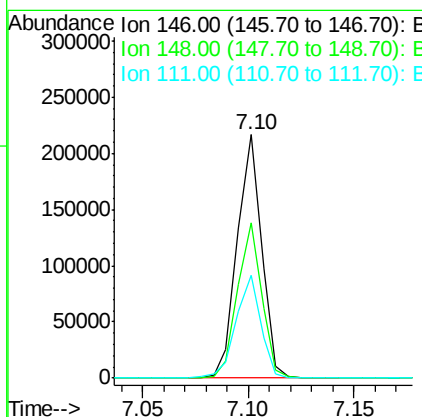
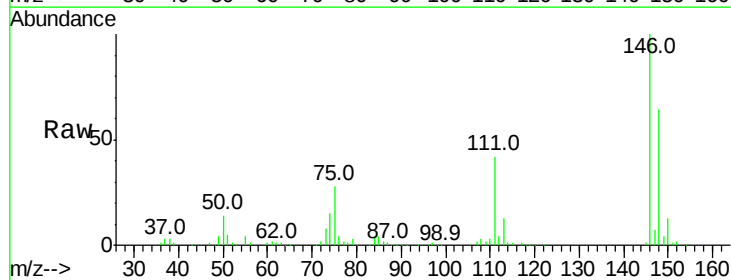
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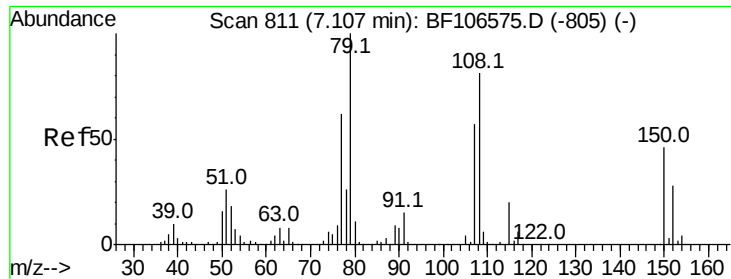
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#14
 1,2-Dichlorobenzene
 Concen: 40.208 ng
 RT: 7.10 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF107334.D
 Acq: 12 Jul 2018 13:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.6	75.8
111	42.1	36.0	54.0





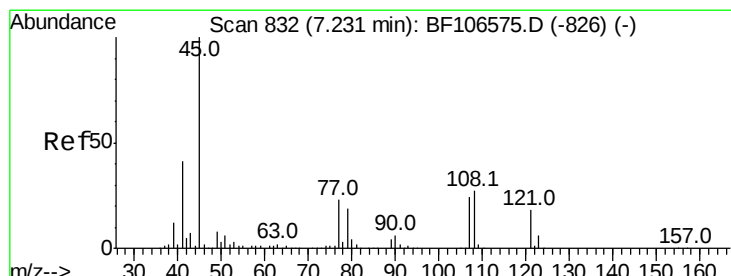
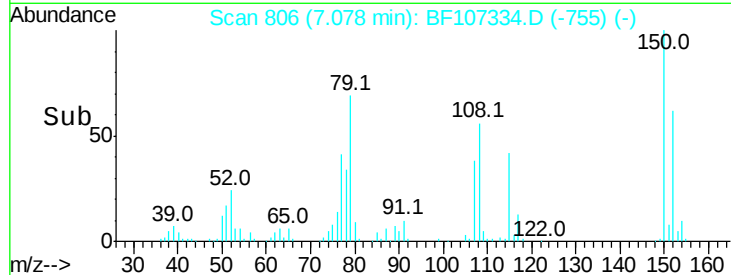
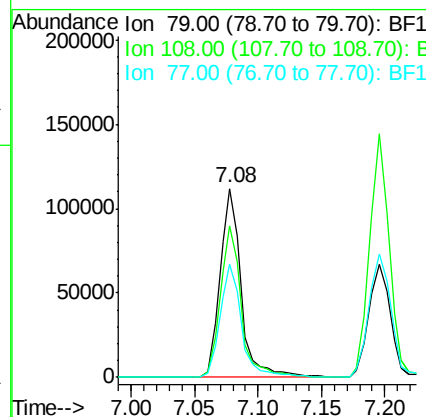
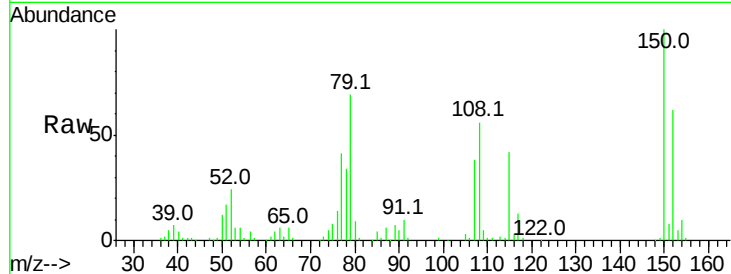
#15
Benzyl Alcohol
Concen: 36.272 ng
RT: 7.08 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF107334.D
Acq: 12 Jul 2018 13:11

Instrument :
BNA_F
ClientSampled :
PB110905BS

Tot Ion	Ratio	Resp Lower	Upper
79	100		
108	80.4	65.1	97.7
77	59.7	50.6	75.8

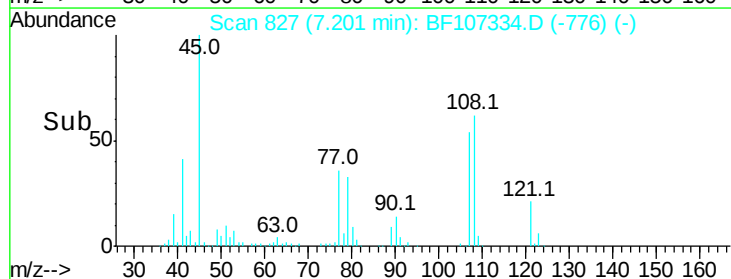
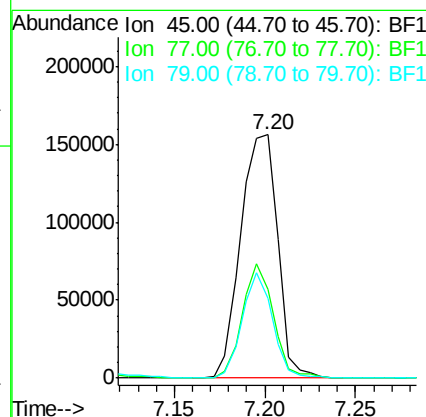
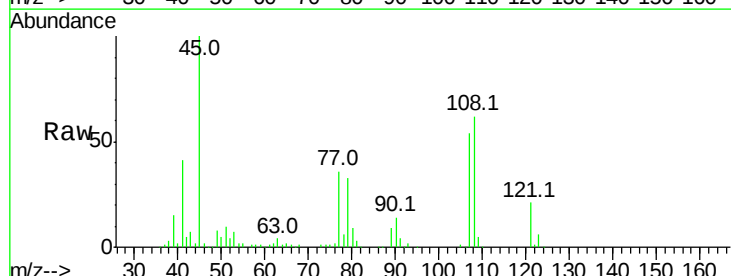
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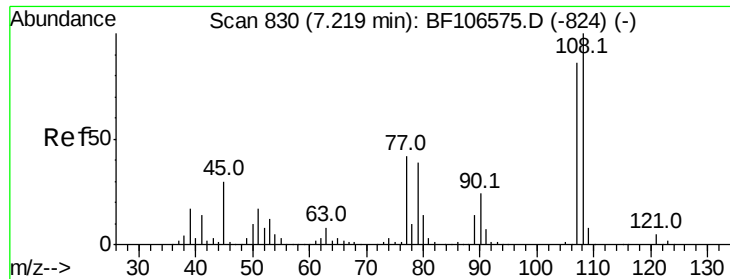
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.775 ng
RT: 7.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: BF107334.D
Acq: 12 Jul 2018 13:11

Tgt Ion	Ratio	Resp Lower	Upper
45	100		
77	36.5	0.0	32.9#
79	32.9	0.0	29.6#





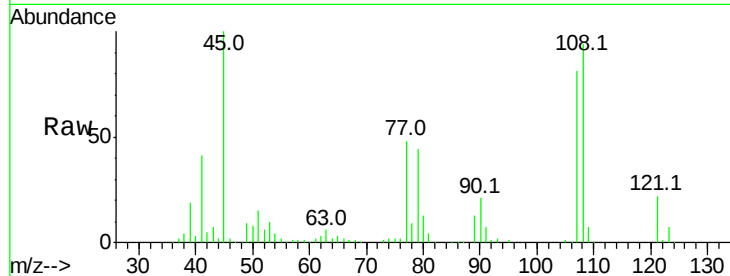
#17
2-Methylphenol
Concen: 39.736 ng
RT: 7.20 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF107334.D
Acq: 12 Jul 2018 13:11

Instrument :
BNA_F
ClientSampleId :
PB110905BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	116.3	91.7	137.5
77	59.1	33.8	50.8#
79	54.2	33.8	50.8#

Manual Integrations
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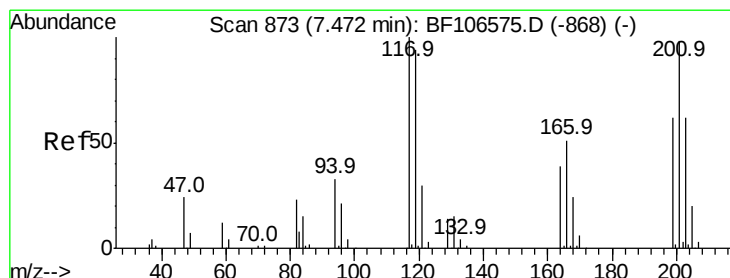
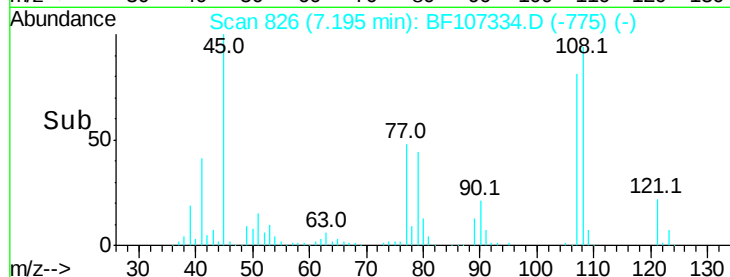
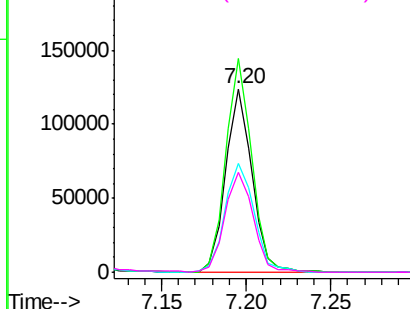
Abundance

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: 38.204 ng
RT: 7.44 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF107334.D
Acq: 12 Jul 2018 13:11

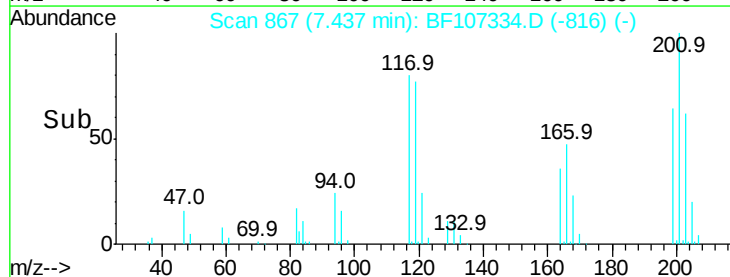
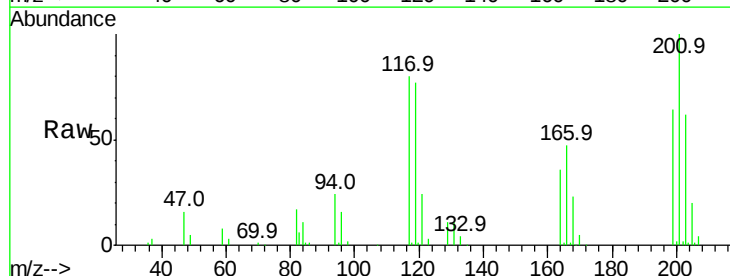
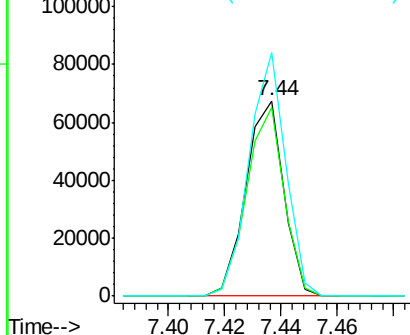
Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	75.8	113.8
201	124.5	75.7	113.5#

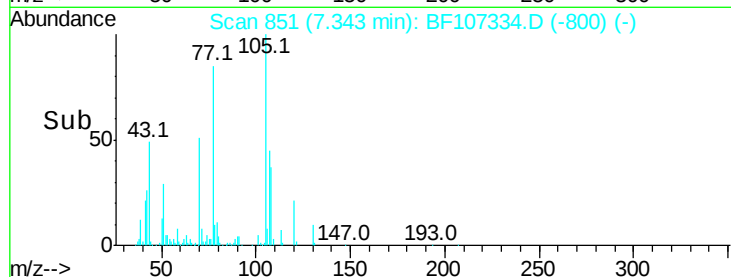
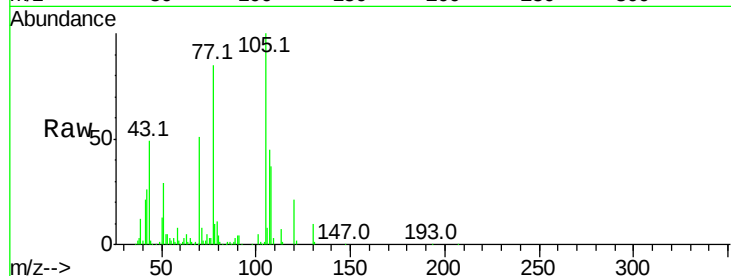
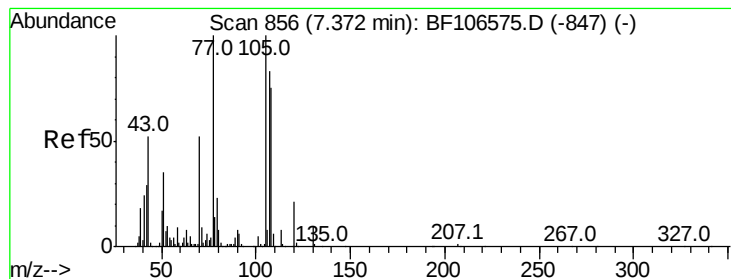
Abundance

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: 37.467 ng

RT: 7.34 min Scan# 851

Delta R.T. 0.00 min

Lab File: BF107334.D

Acq: 12 Jul 2018 13:11

Instrument :

BNA_F

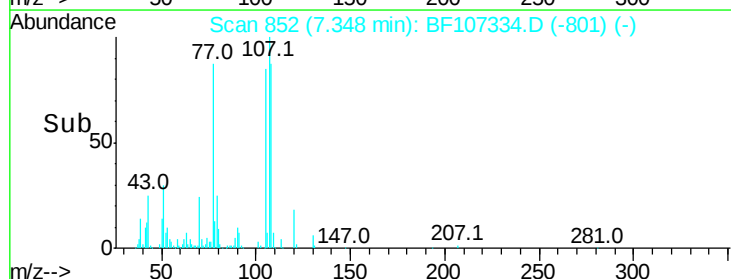
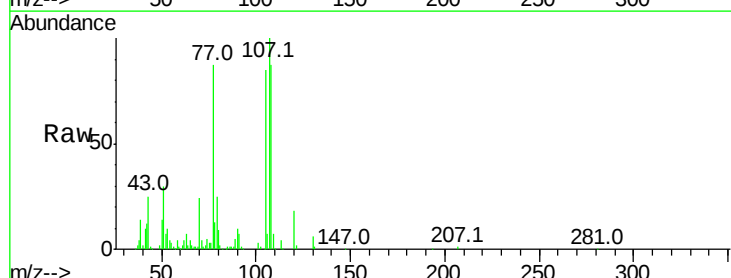
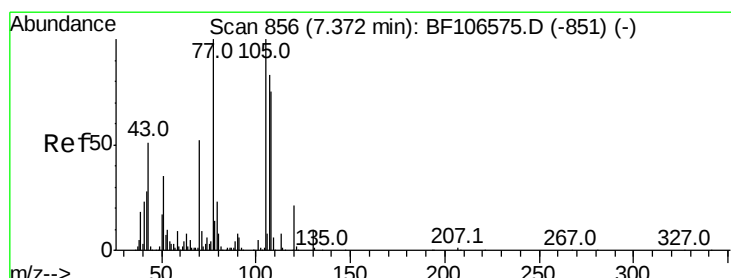
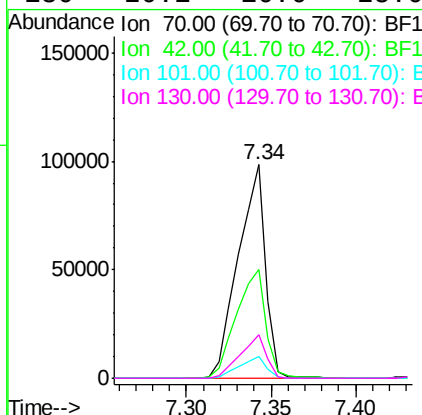
ClientSampleId :

PB110905BS

Tot Ion	70	Resp	111330
Ion Ratio	Lower	Upper	
70	100		
42	50.8	47.5	71.3
101	10.0	7.4	11.2
130	20.1	16.6	25.0

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#20

3+4-Methylphenols

Concen: 49.346 ng

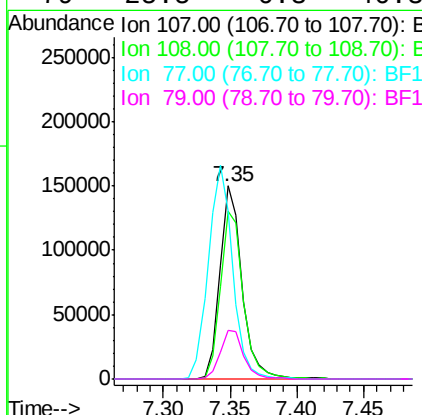
RT: 7.35 min Scan# 852

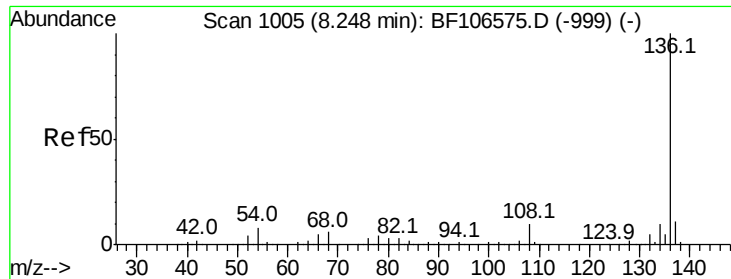
Delta R.T. 0.00 min

Lab File: BF107334.D

Acq: 12 Jul 2018 13:11

Tgt Ion	107	Resp	175609
Ion Ratio	Lower	Upper	
107	100		
108	87.1	68.2	108.2
77	86.8	26.7	66.7#
79	25.5	6.3	46.3





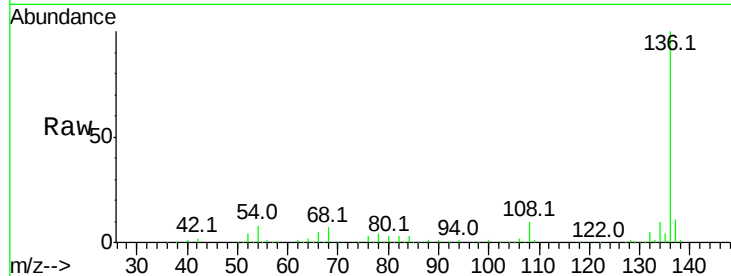
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF107334.D
Acq: 12 Jul 2018 13:11

Instrument :
BNA_F
ClientSampleId :
PB110905BS

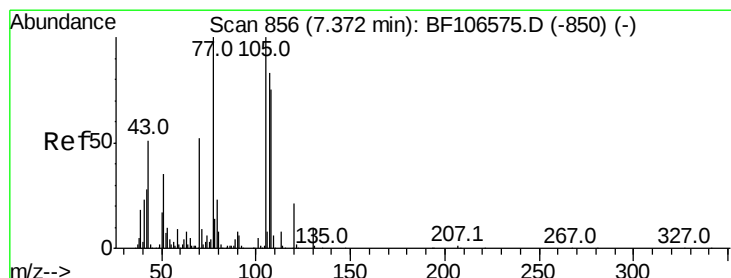
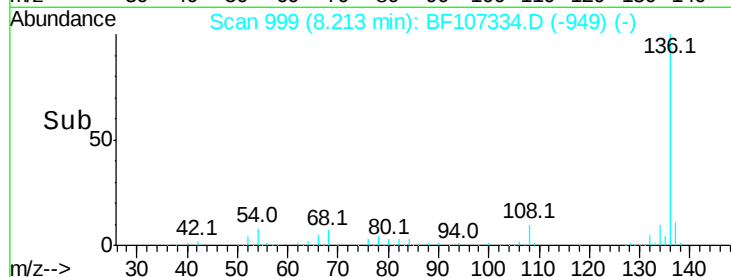
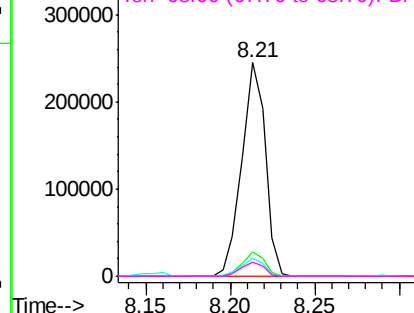
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.9	13.3	
54	8.4	6.6	9.8	
68	6.7	5.0	7.4	

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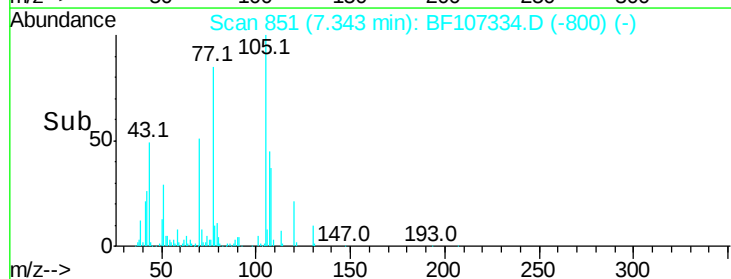
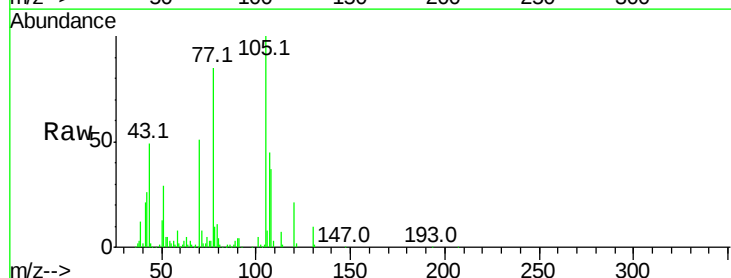
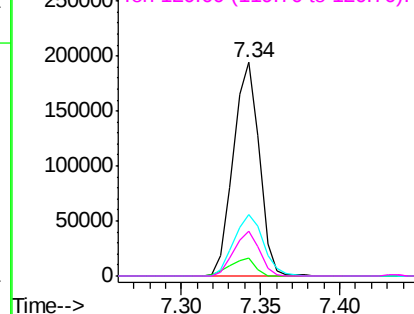
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

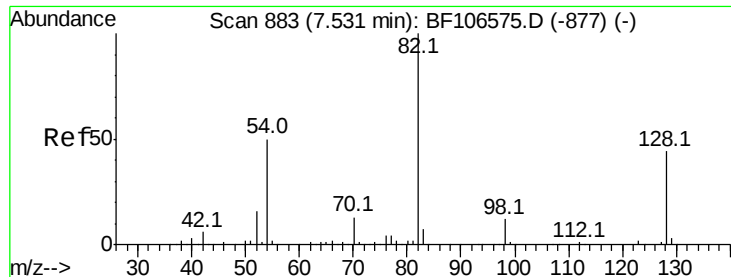


#22
Acetophenone
Concen: 41.219 ng
RT: 7.34 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF107334.D
Acq: 12 Jul 2018 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.4	4.4	6.6#	
51	28.8	22.3	33.5	
120	21.1	16.9	25.3	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





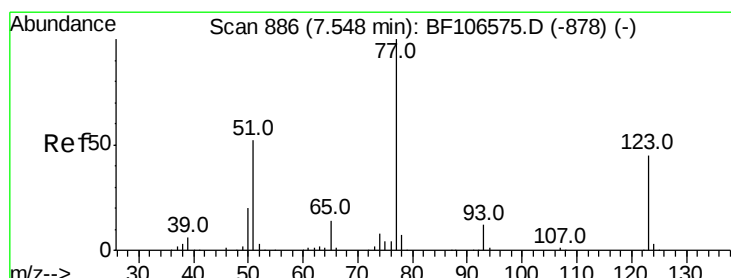
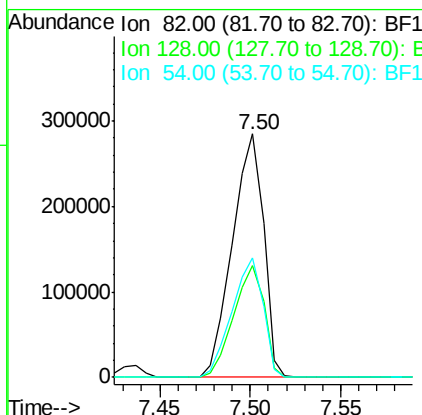
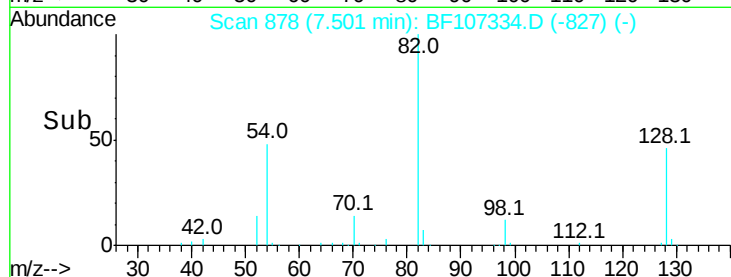
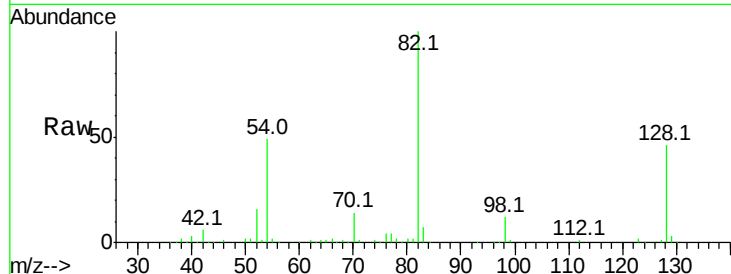
#23
Nitrobenzene-d5
Concen: 79.107 ng
RT: 7.50 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF107334.D
Acq: 12 Jul 2018 13:11

Instrument :
BNA_F
ClientSampleId :
PB110905BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.1	36.1	54.1	
54	49.2	41.4	62.2	

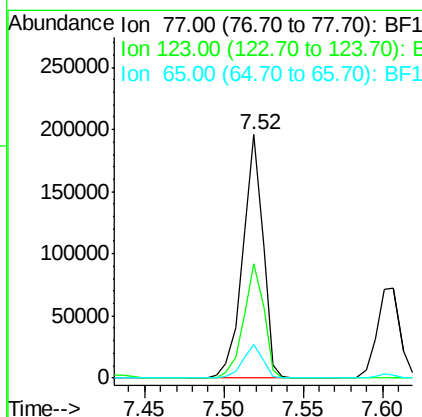
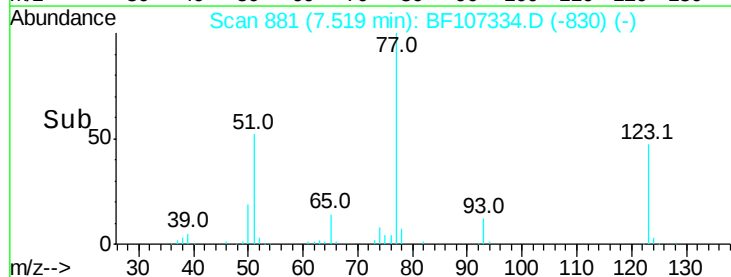
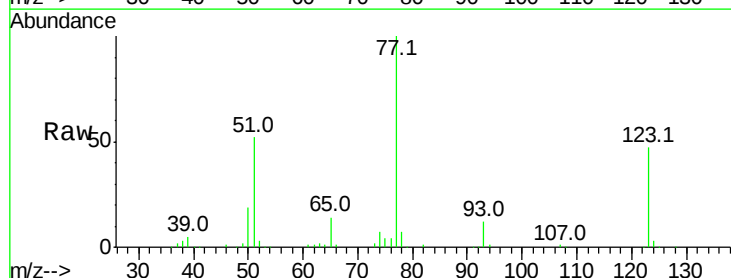
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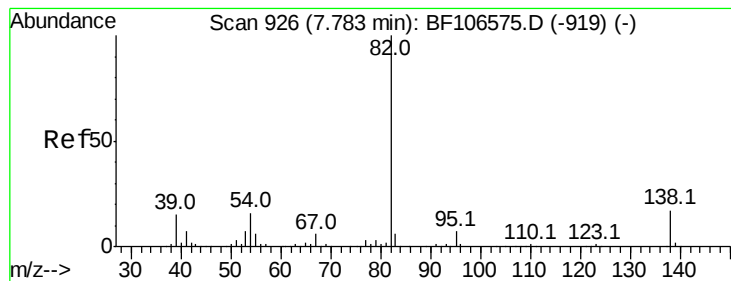
Sohil
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#24
Nitrobenzene
Concen: 39.247 ng
RT: 7.52 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF107334.D
Acq: 12 Jul 2018 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	46.7	37.9	56.9	
65	13.6	11.0	16.4	





#25

Isophorone

Concen: 42.256 ng

RT: 7.75 min Scan# 921

Delta R.T. 0.00 min

Lab File: BF107334.D

Acq: 12 Jul 2018 13:11

Instrument :

BNA_F

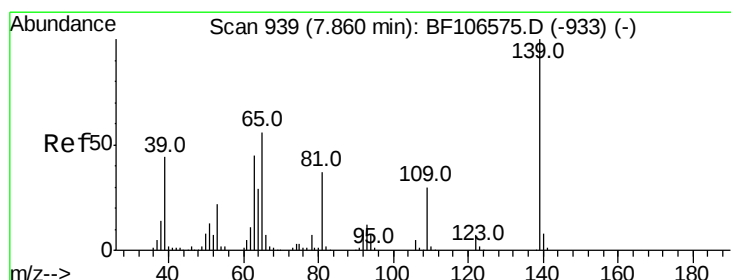
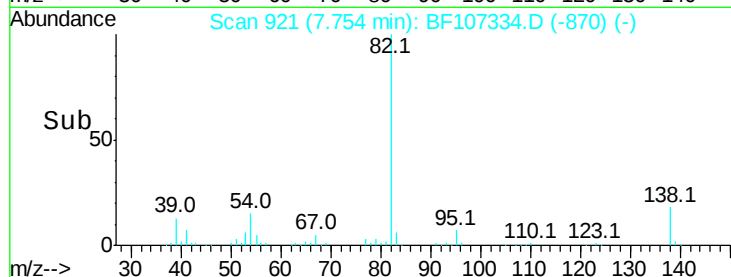
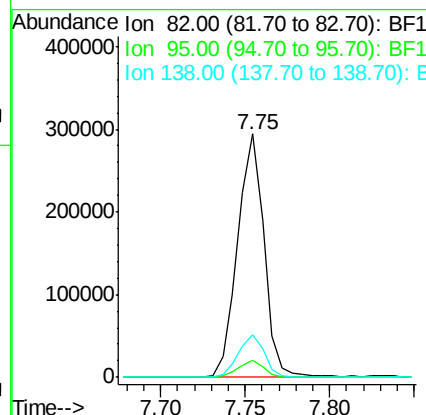
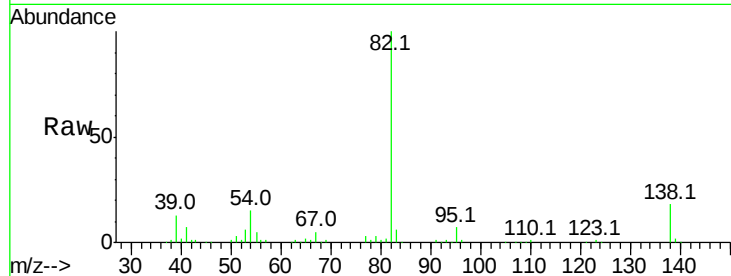
ClientSampleId :

PB110905BS

Tot Ion:	82	Resp:	320724
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.2	7.8
138	17.6	14.9	22.3

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#26

2-Nitrophenol

Concen: 44.165 ng

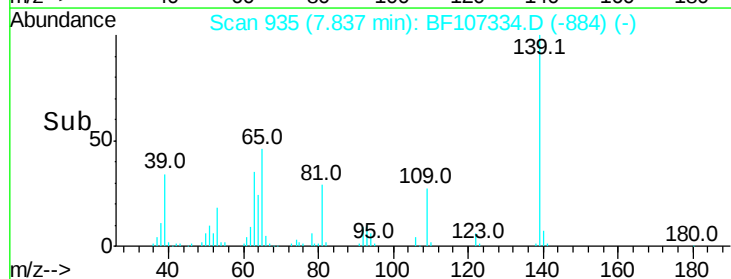
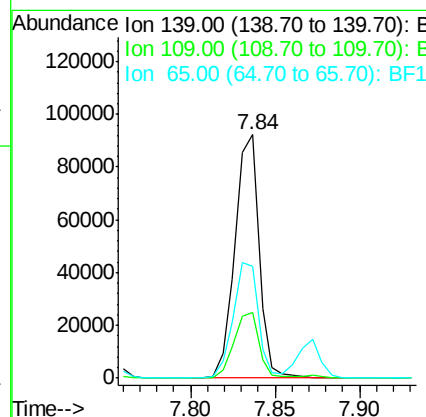
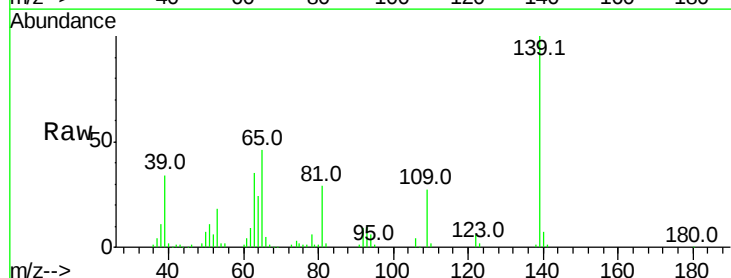
RT: 7.84 min Scan# 935

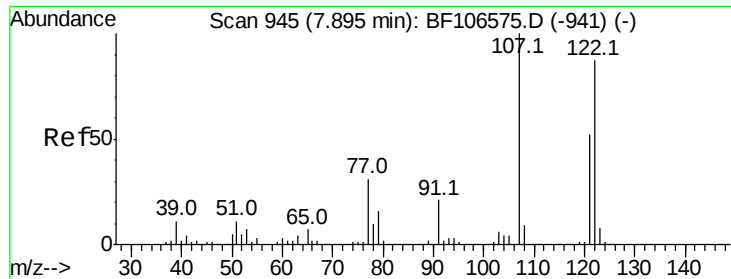
Delta R.T. 0.00 min

Lab File: BF107334.D

Acq: 12 Jul 2018 13:11

Tgt Ion:	139	Resp:	91684
Ion Ratio	Lower	Upper	
139	100		
109	26.9	22.7	34.1
65	45.7	40.5	60.7





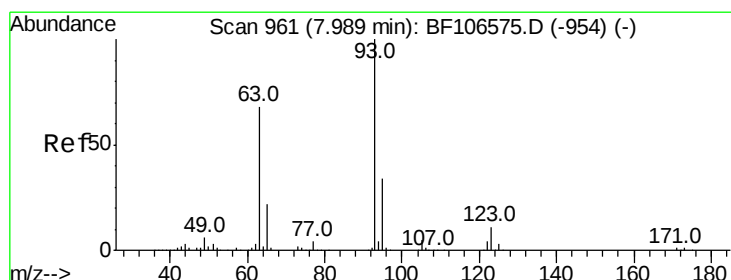
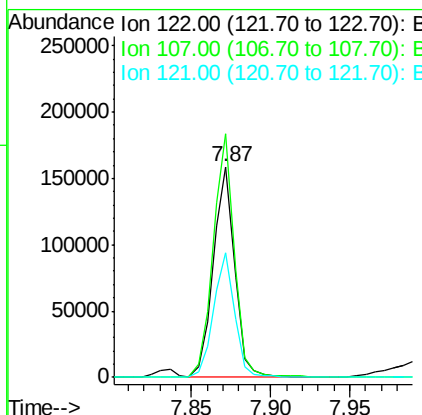
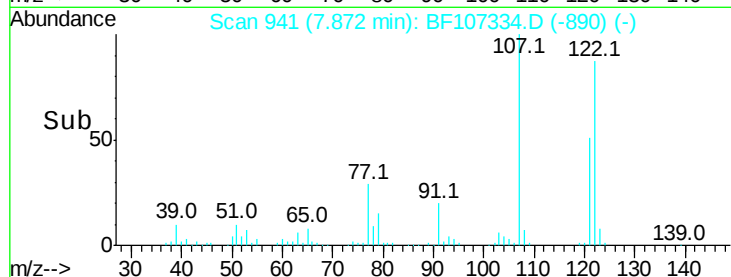
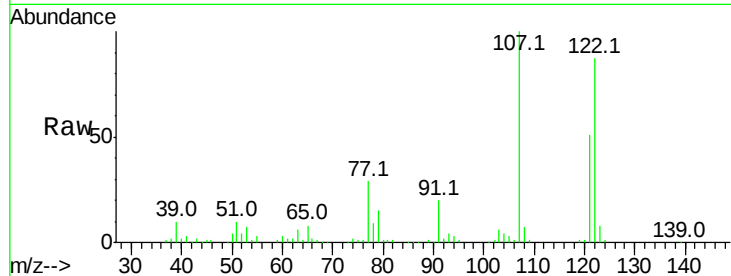
#27
2,4-Dimethylphenol
Concen: 46.671 ng
RT: 7.87 min Scan# 941
Delta R.T. 0.00 min
Lab File: BF107334.D
Acq: 12 Jul 2018 13:11

Instrument :
BNA_F
ClientSampleId :
PB110905BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	149754		
107	115.6	91.2	136.8	
121	58.9	47.2	70.8	

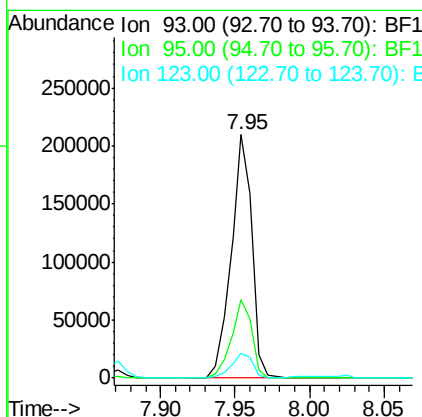
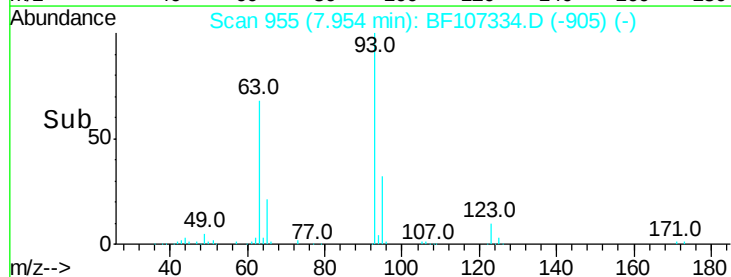
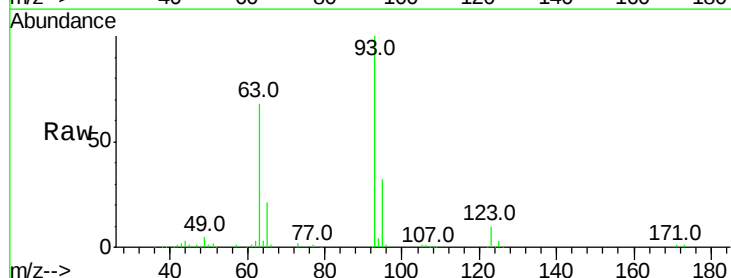
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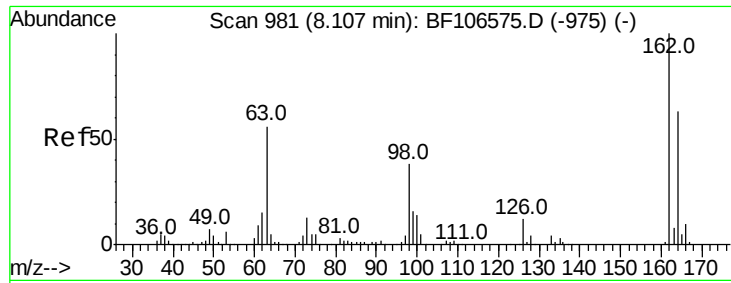
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#28
bis(2-Chloroethoxy)methane
Concen: 40.204 ng
RT: 7.95 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF107334.D
Acq: 12 Jul 2018 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	204888		
95	32.4	26.3	39.5	
123	10.4	9.8	14.6	





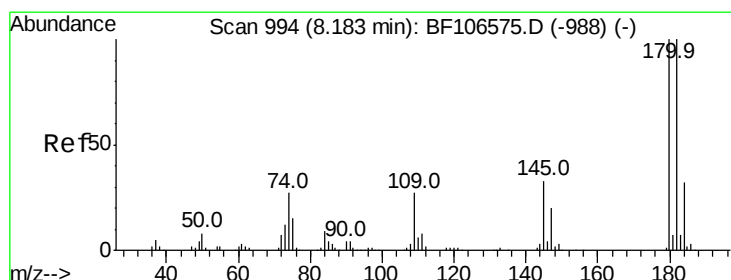
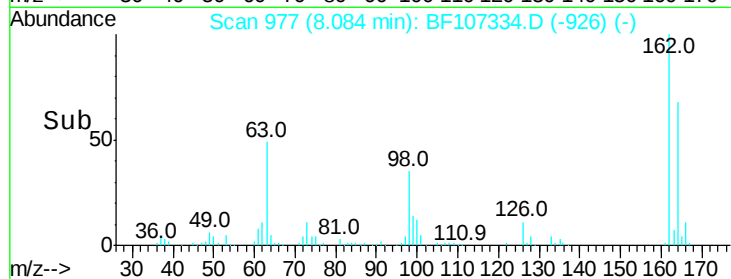
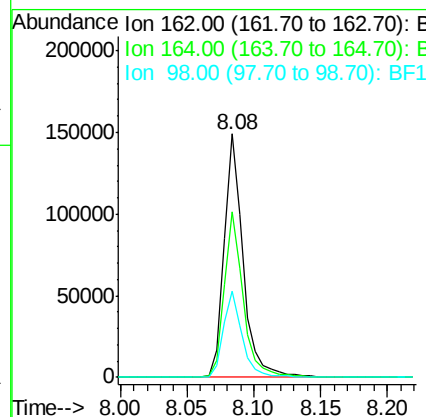
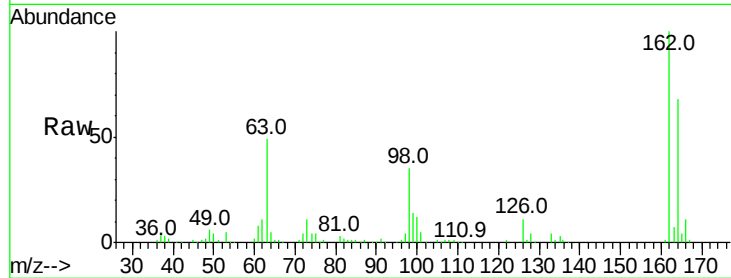
#29
2,4-Dichlorophenol
Concen: 44.596 ng
RT: 8.08 min Scan# 977
Delta R.T. 0.00 min
Lab File: BF107334.D
Acq: 12 Jul 2018 13:11

Instrument :
BNA_F
ClientSampleId :
PB110905BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	67.8	42.7	82.7
98	35.4	18.1	58.1

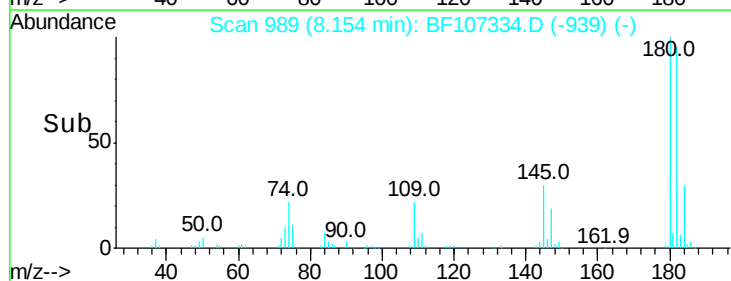
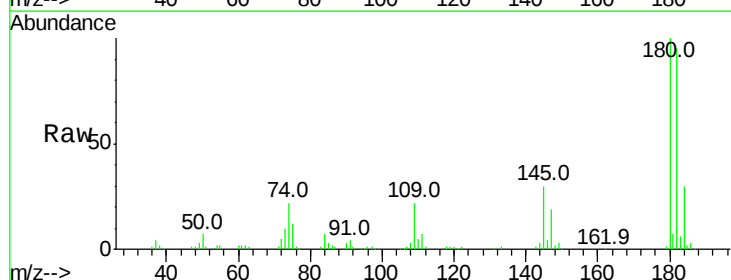
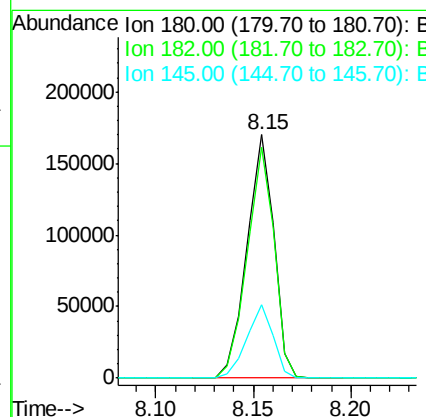
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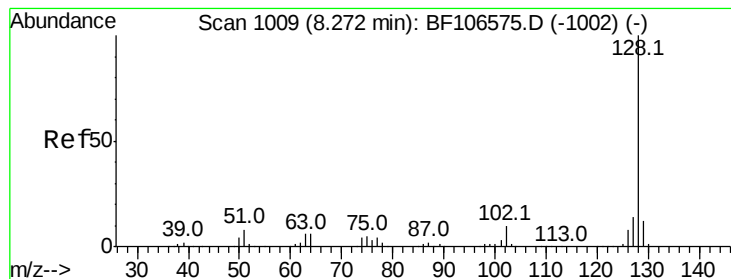
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#30
1,2,4-Trichlorobenzene
Concen: 44.114 ng
RT: 8.15 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF107334.D
Acq: 12 Jul 2018 13:11

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.6	76.8	115.2
145	30.0	26.5	39.7





#31

Naphthalene

Concen: 41.527 ng

RT: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF107334.D

Acq: 12 Jul 2018 13:11

Instrument :

BNA_F

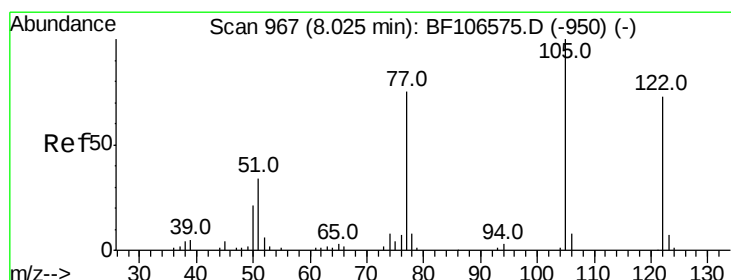
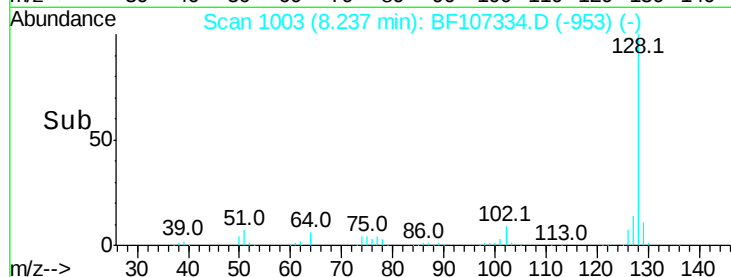
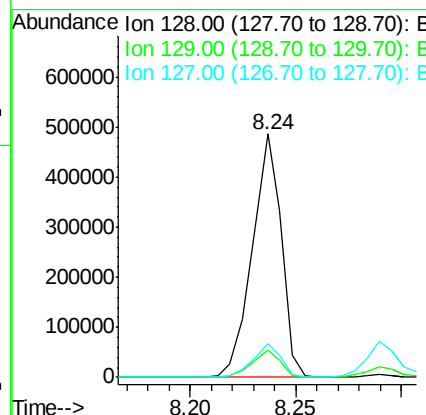
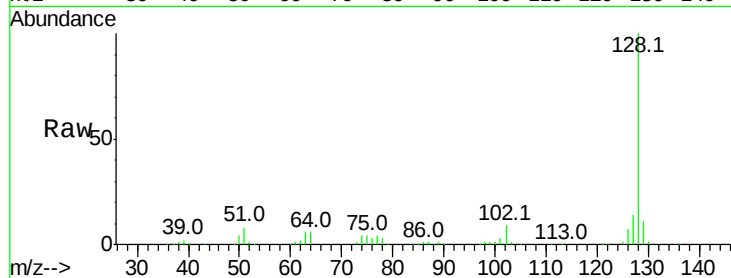
ClientSampleId :

PB110905BS

Tot Ion:128	Resp:	464740
Ion Ratio	Lower	Upper
128	100	
129	11.3	8.8 13.2
127	13.7	10.9 16.3

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#32

Benzoic acid

Concen: 31.140 ng

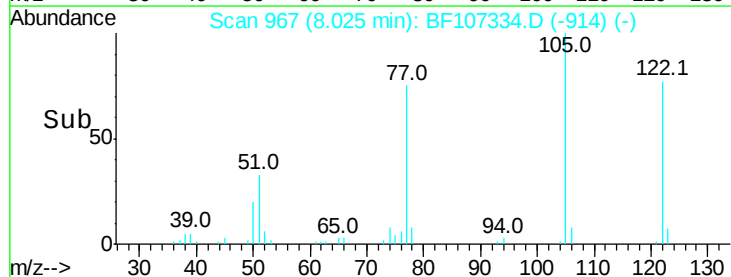
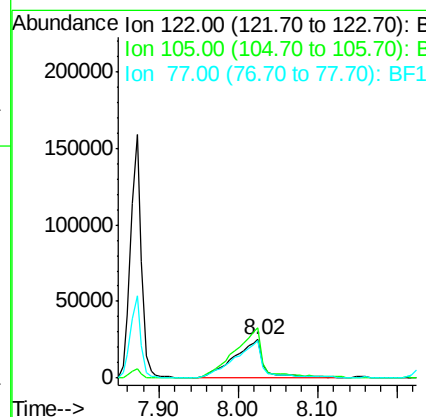
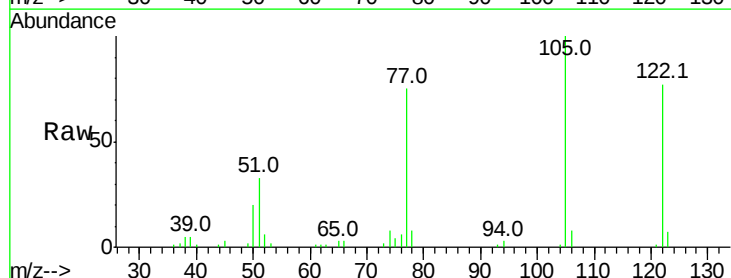
RT: 8.02 min Scan# 967

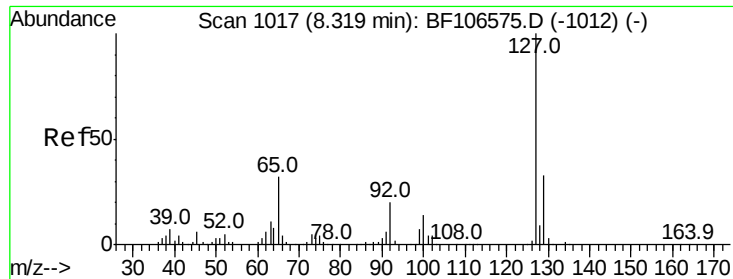
Delta R.T. 0.01 min

Lab File: BF107334.D

Acq: 12 Jul 2018 13:11

Tgt Ion:122	Resp:	67345
Ion Ratio	Lower	Upper
122	100	
105	129.9	101.1 141.1
77	96.9	70.7 110.7





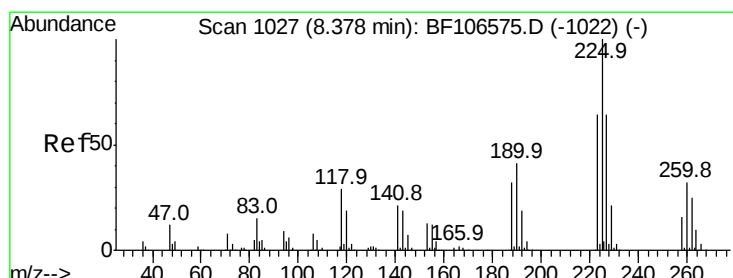
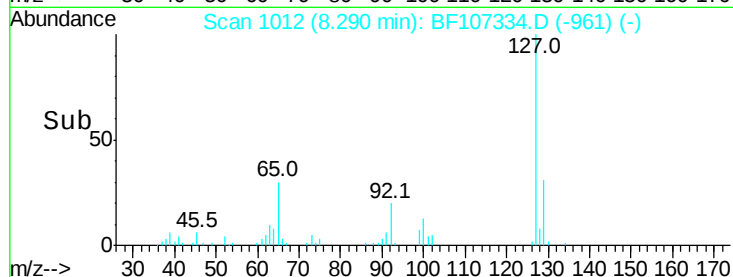
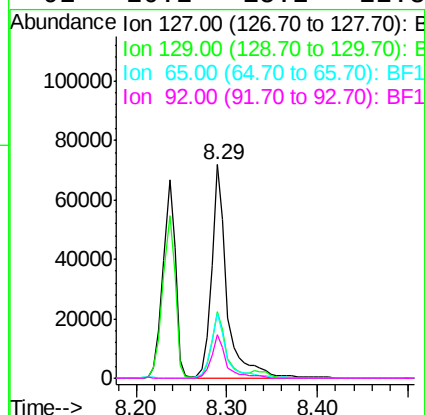
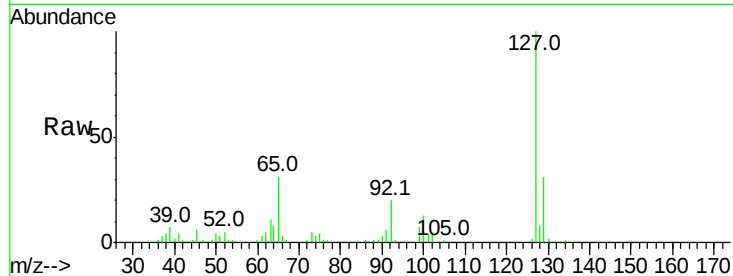
#33
4-Chloroaniline
Concen: 18.516 ng
RT: 8.29 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF107334.D
Acq: 12 Jul 2018 13:11

Instrument :
BNA_F
ClientSampleId :
PB110905BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.9	38.9
65	30.6	25.0	37.4
92	20.2	15.2	22.8

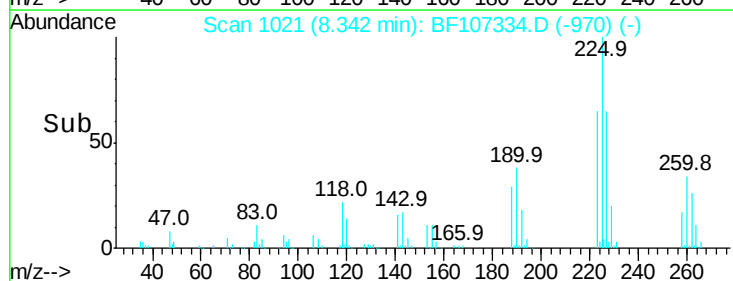
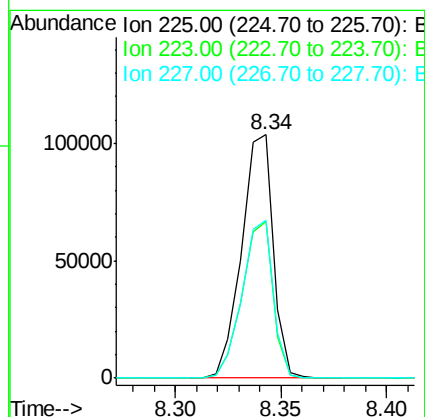
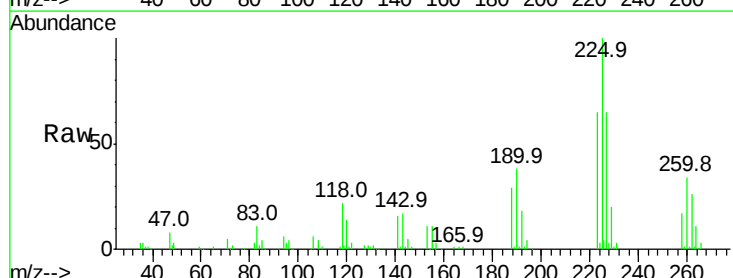
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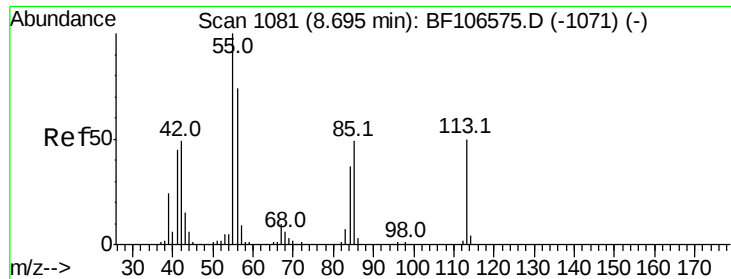
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#34
Hexachlorobutadiene
Concen: 44.525 ng
RT: 8.34 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF107334.D
Acq: 12 Jul 2018 13:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.6	50.6	76.0
227	64.8	51.9	77.9





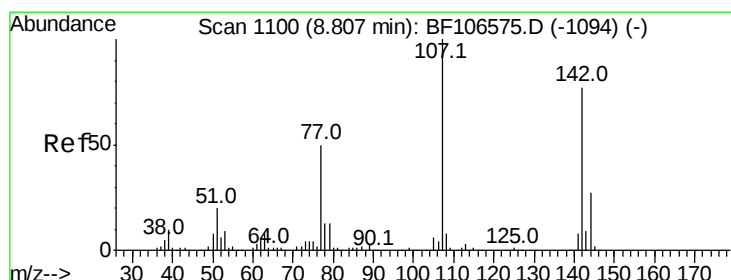
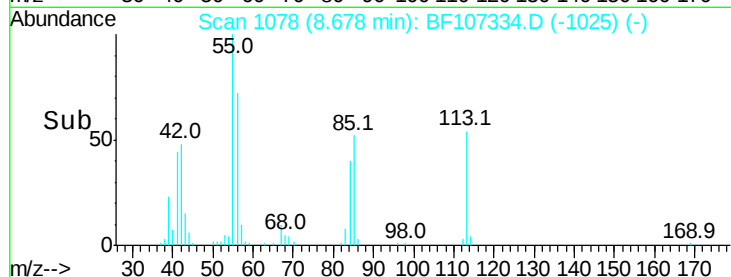
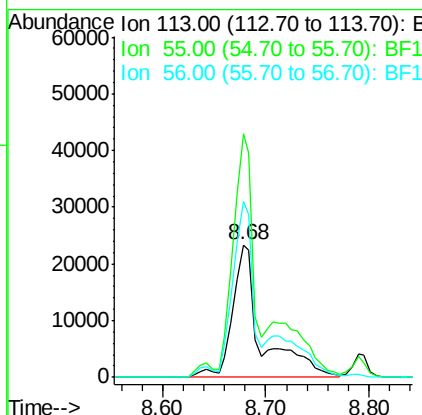
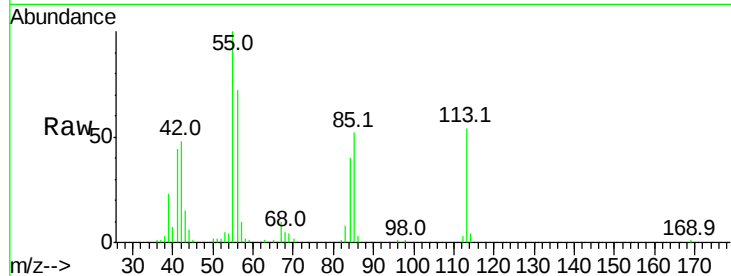
#35
Caprolactam
Concen: 42.118 ng/ml
RT: 8.68 min Scan# 1078
Delta R.T. 0.01 min
Lab File: BF107334.D
Acq: 12 Jul 2018 13:11

Instrument :
BNA_F
ClientSampleId :
PB110905BS

Tot Ion:113 Resp: 46120
Ion Ratio Lower Upper
113 100
55 183.6 163.3 203.3
56 132.6 115.7 155.7

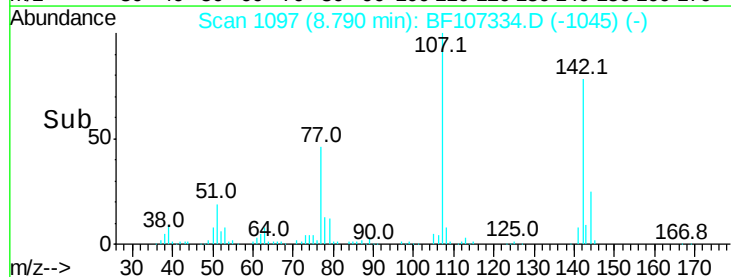
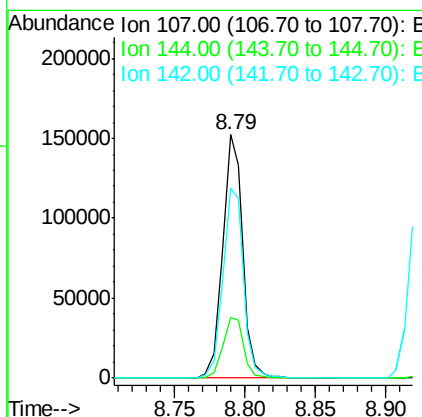
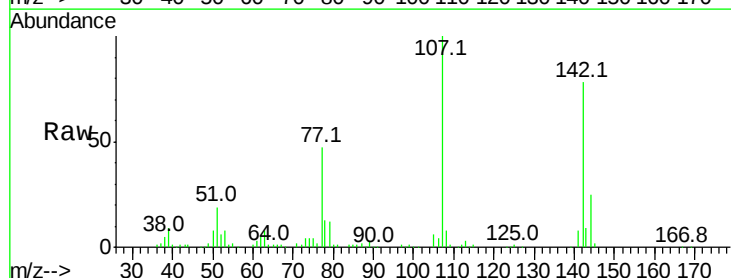
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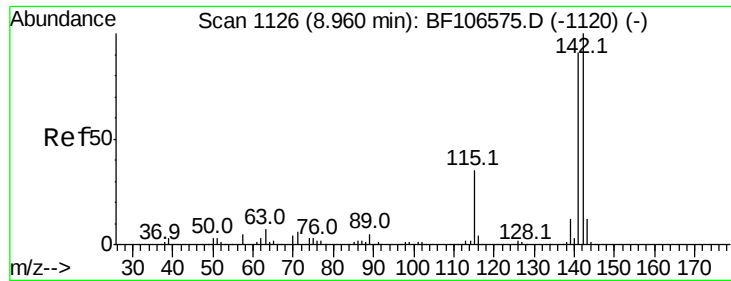
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#36
4-Chloro-3-methylphenol
Concen: 42.325 ng/ml
RT: 8.79 min Scan# 1097
Delta R.T. 0.01 min
Lab File: BF107334.D
Acq: 12 Jul 2018 13:11

Tgt Ion:107 Resp: 149657
Ion Ratio Lower Upper
107 100
144 25.0 20.5 30.7
142 78.0 62.0 93.0





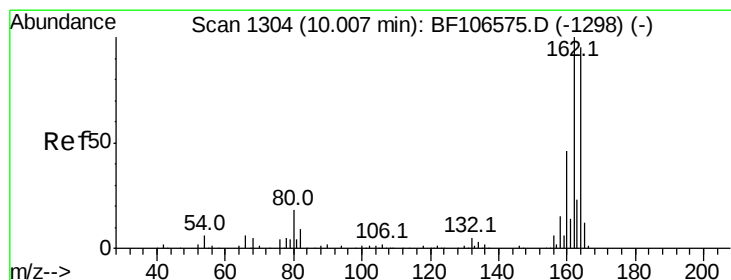
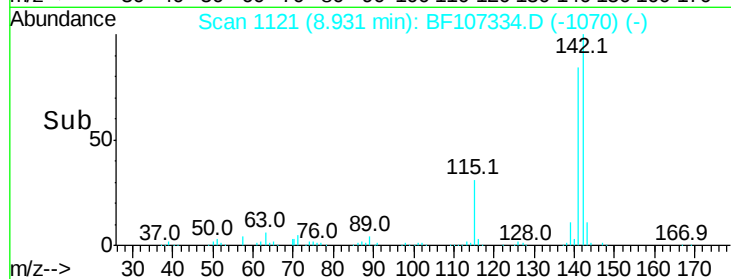
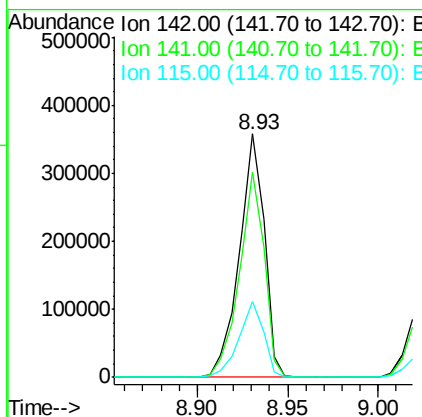
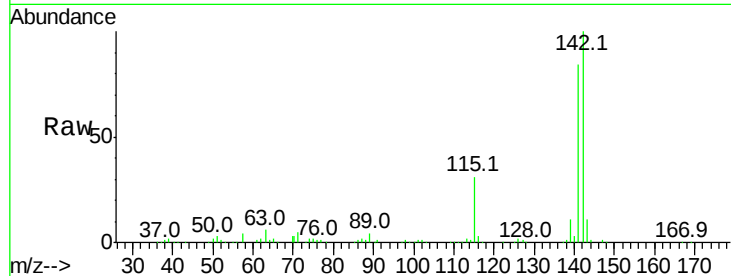
#37
2-Methylnaphthalene
Concen: 46.420 ng
RT: 8.93 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BF107334.D
Acq: 12 Jul 2018 13:11

Instrument :
BNA_F
ClientSampleId :
PB110905BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	84.1	70.8	106.2
115	31.4	26.1	39.1

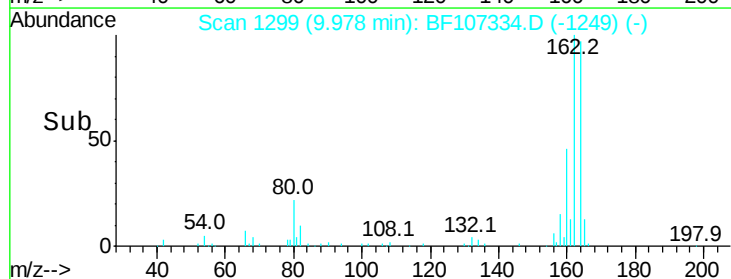
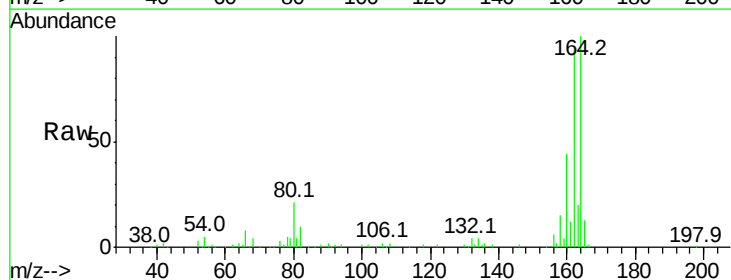
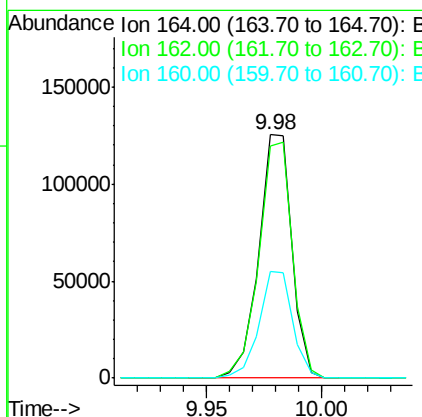
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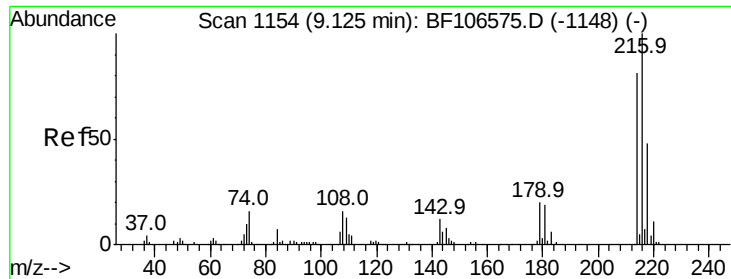
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF107334.D
Acq: 12 Jul 2018 13:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.3	86.1	129.1
160	43.6	38.3	57.5





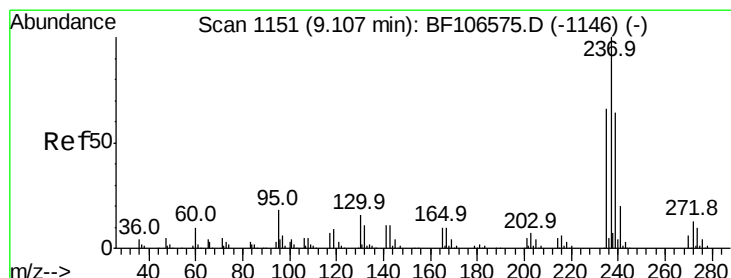
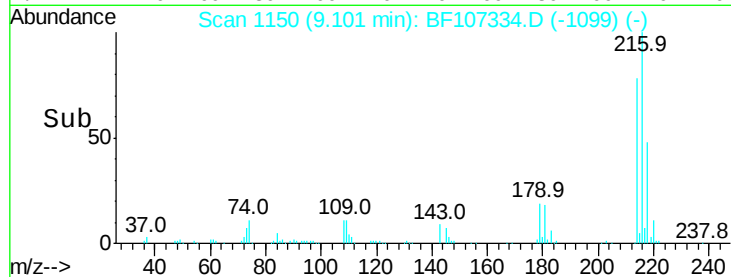
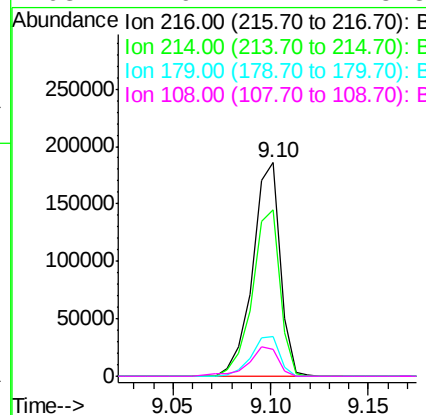
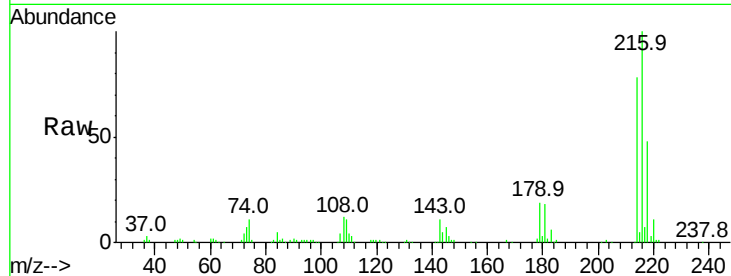
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.026 ng
 RT: 9.10 min Scan# 1150
 Delta R.T. 0.00 min
 Lab File: BF107334.D
 Acq: 12 Jul 2018 13:11

Instrument :
 BNA_F
 ClientSampleId :
 PB110905BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	181809		
214	78.8	63.0	94.4	
179	19.3	18.1	27.1	
108	14.9	17.2	25.8	

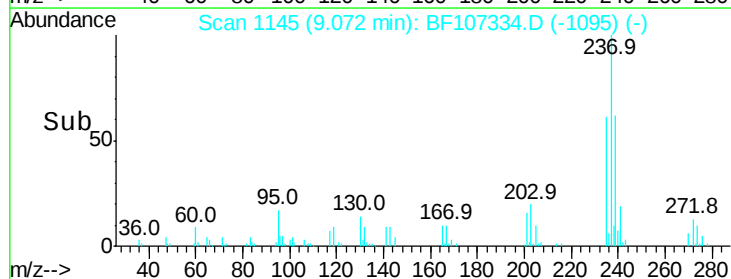
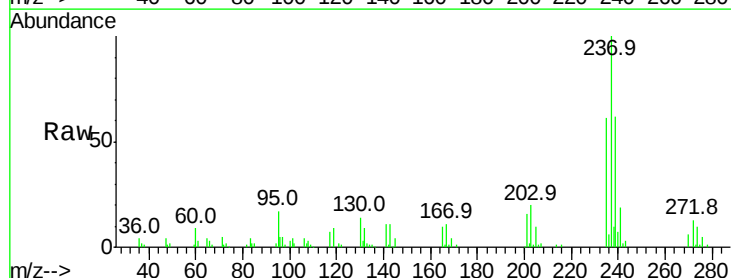
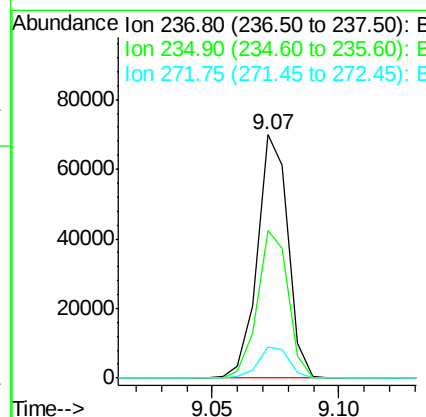
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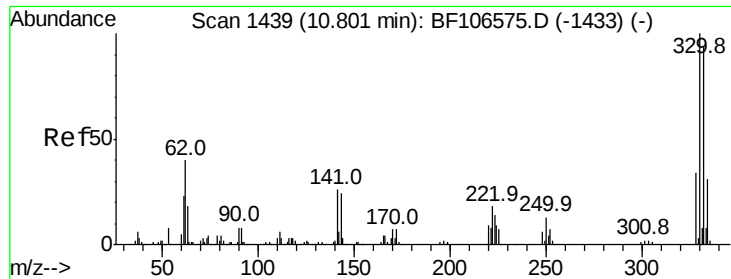
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 26.958 ng
 RT: 9.07 min Scan# 1145
 Delta R.T. -0.01 min
 Lab File: BF107334.D
 Acq: 12 Jul 2018 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	58608		
235	60.6	44.8	84.8	
272	12.6	0.0	33.3	





#41

2,4,6-Tribromophenol

Concen: 116.699 ng

RT: 10.78 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BF107334.D

Acq: 12 Jul 2018 13:11

Instrument :

BNA_F

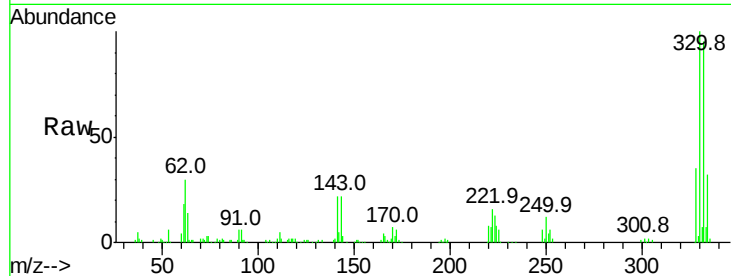
ClientSampleId :

PB110905BS

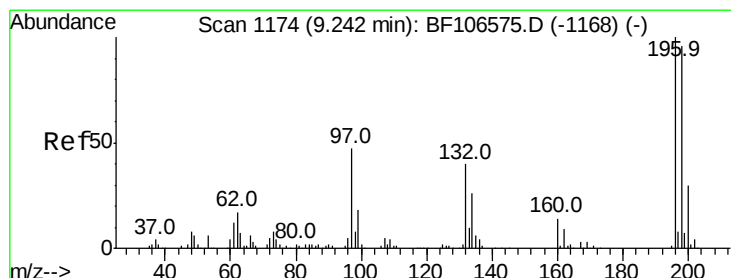
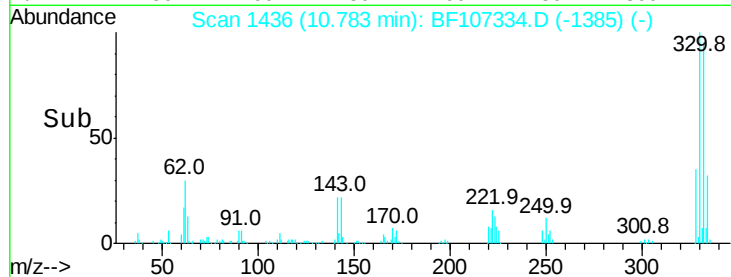
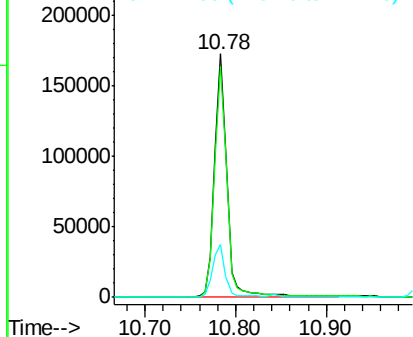
Tot Ion	Ratio	Resp	Lower	Upper
330	100	169711		
332	97.3	77.0	115.6	
141	22.1	29.9	44.9#	

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



#42

2,4,6-Trichlorophenol

Concen: 33.955 ng

RT: 9.22 min Scan# 1170

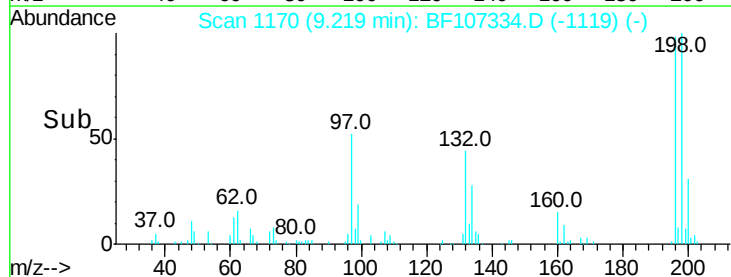
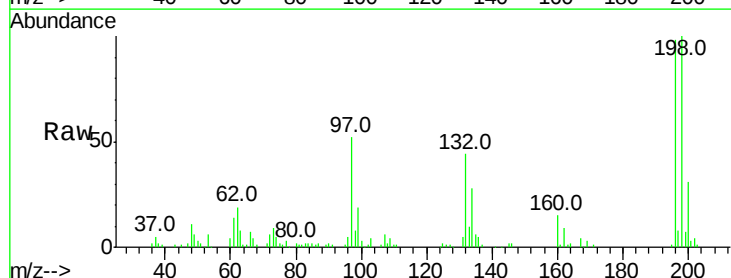
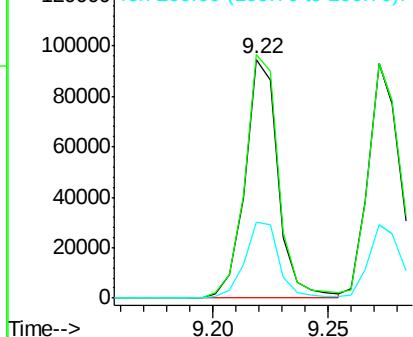
Delta R.T. 0.00 min

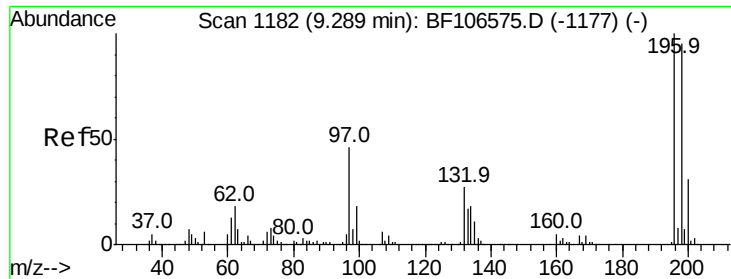
Lab File: BF107334.D

Acq: 12 Jul 2018 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	95371		
198	101.9	75.7	113.5	
200	31.9	24.5	36.7	

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





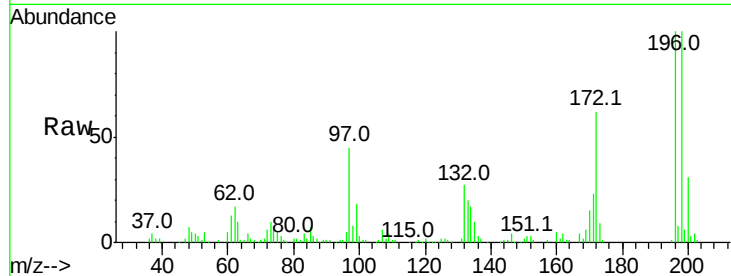
#43
2,4,5-Trichlorophenol
Concen: 32.763 ng
RT: 9.27 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF107334.D
Acq: 12 Jul 2018 13:11

Instrument :
BNA_F
ClientSampleId :
PB110905BS

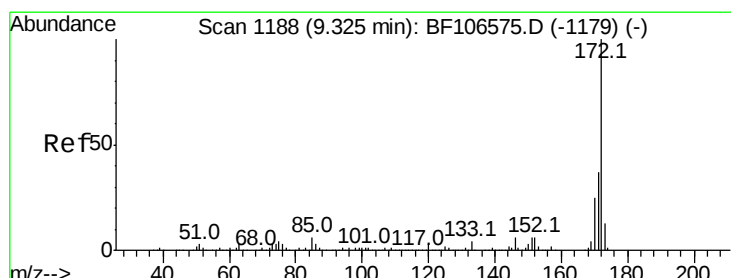
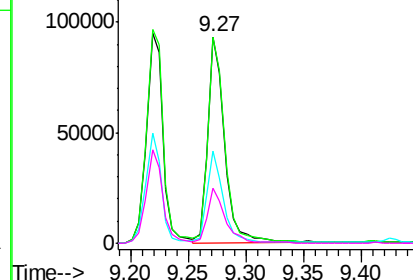
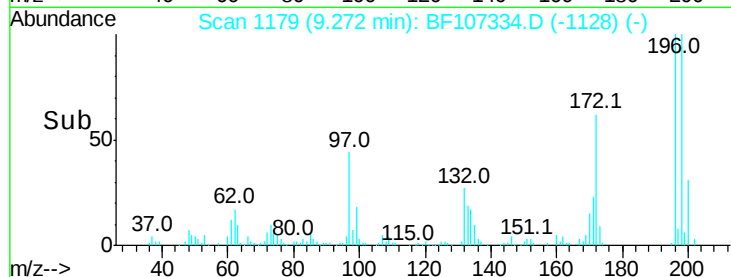
Tot Ion	Ratio	Resp	Lower	Upper
196	100	96025		
198	99.8	74.6	112.0	
97	44.5	42.9	64.3	
132	26.7	26.3	39.5	

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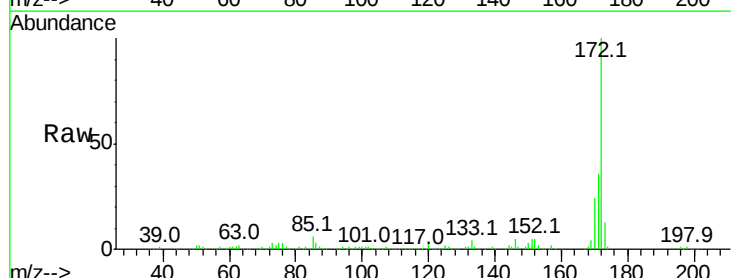


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

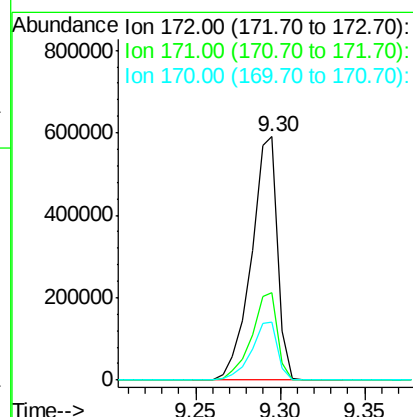
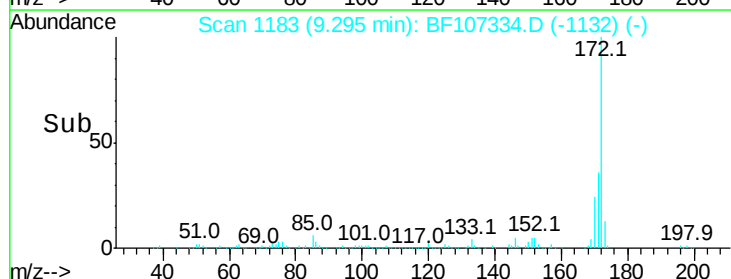


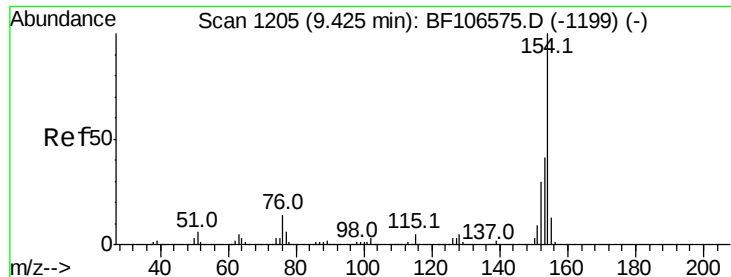
#44
2-Fluorobiphenyl
Concen: 86.658 ng
RT: 9.30 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF107334.D
Acq: 12 Jul 2018 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	640258		
171	36.0	29.7	44.5	
170	24.1	19.6	29.4	



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





#45

1,1'-Biphenyl

Concen: 41.615 ng

RT: 9.40 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BF107334.D

Acq: 12 Jul 2018 13:11

Instrument :

BNA_F

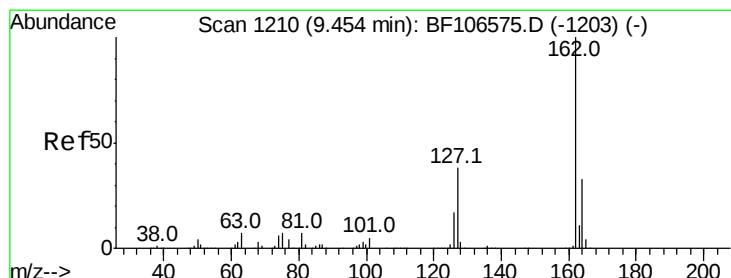
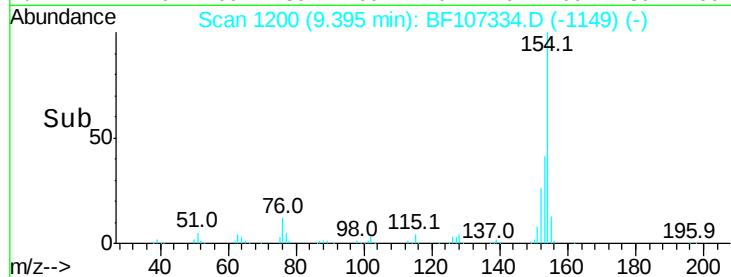
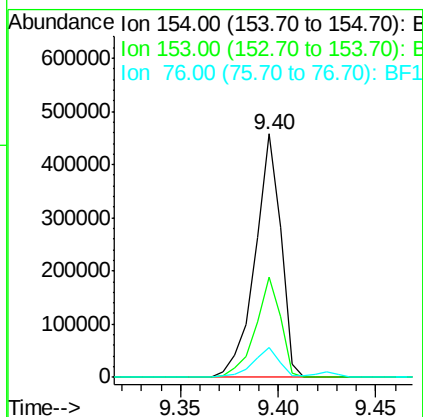
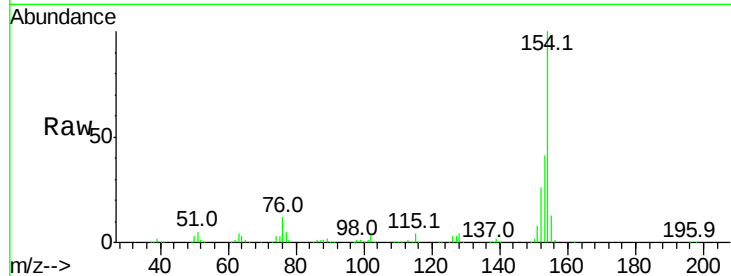
ClientSampleId :

PB110905BS

Tot Ion:	154	Resp:	416134
Ion Ratio	Lower	Upper	
154	100		
153	41.0	21.3	61.3
76	12.4	0.0	34.0

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#46

2-Chloronaphthalene

Concen: 38.805 ng

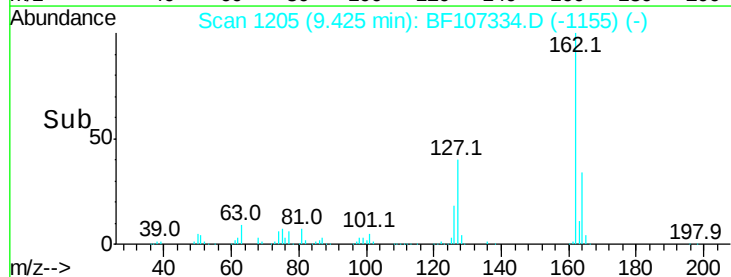
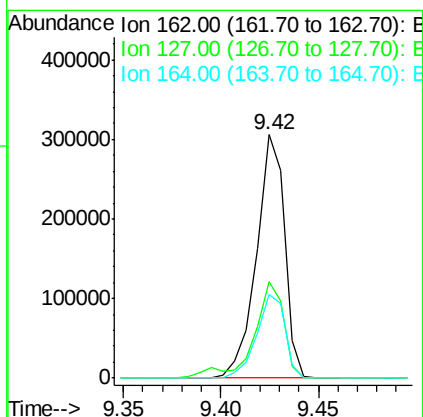
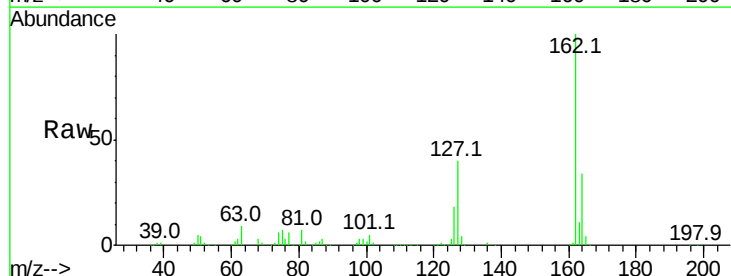
RT: 9.42 min Scan# 1205

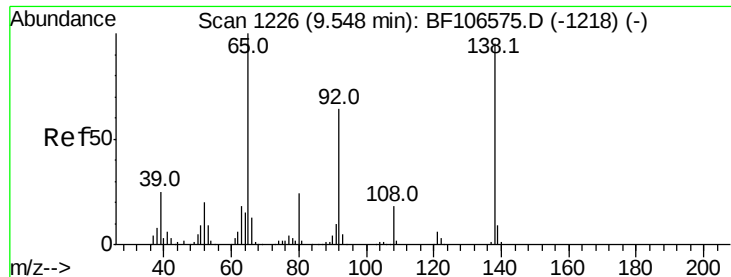
Delta R.T. -0.01 min

Lab File: BF107334.D

Acq: 12 Jul 2018 13:11

Tgt Ion:	162	Resp:	305438
Ion Ratio	Lower	Upper	
162	100		
127	39.9	33.9	50.9
164	34.4	26.5	39.7





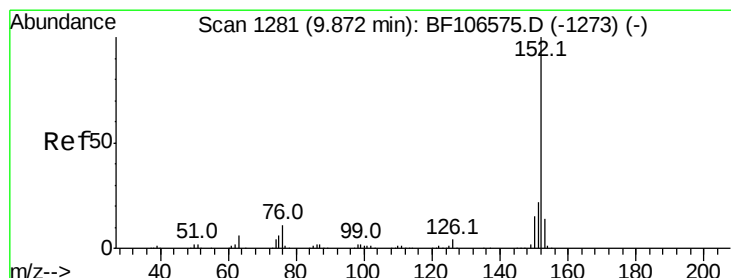
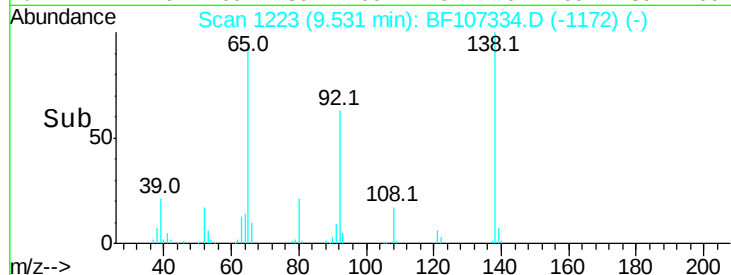
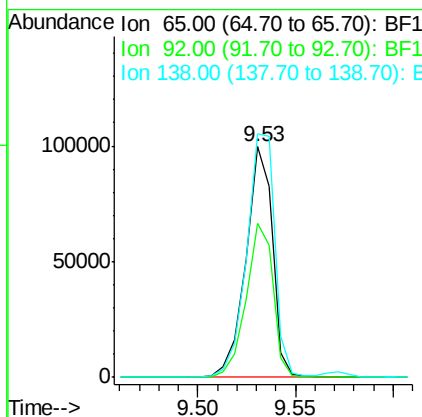
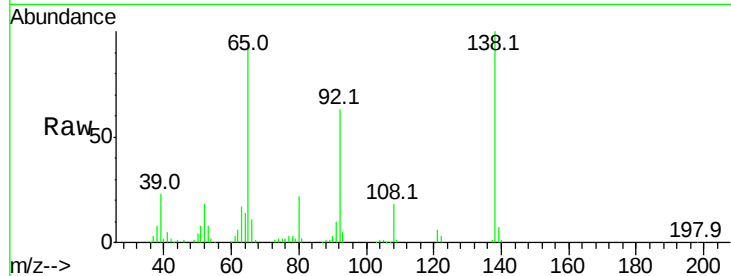
#47
2-Nitroaniline
Concen: 35.637 ng
RT: 9.53 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BF107334.D
Acq: 12 Jul 2018 13:11

Instrument :
BNA_F
ClientSampleId :
PB110905BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.9	55.8	83.6
138	105.6	91.2	136.8

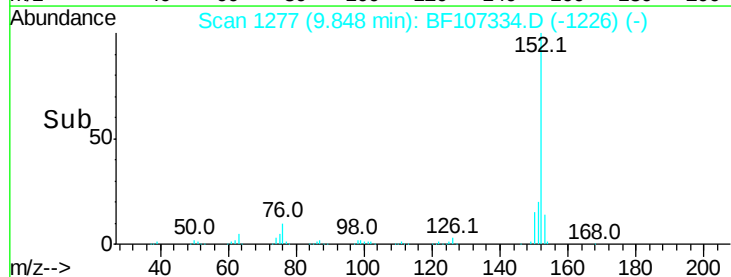
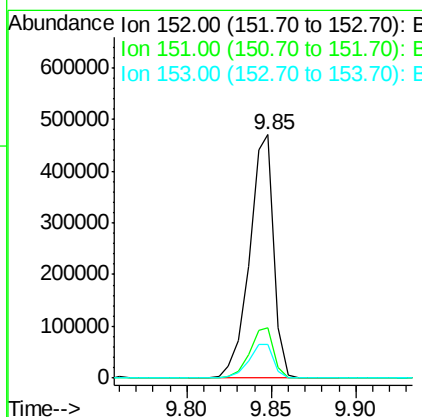
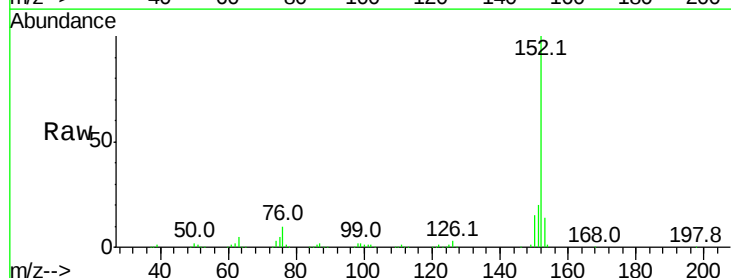
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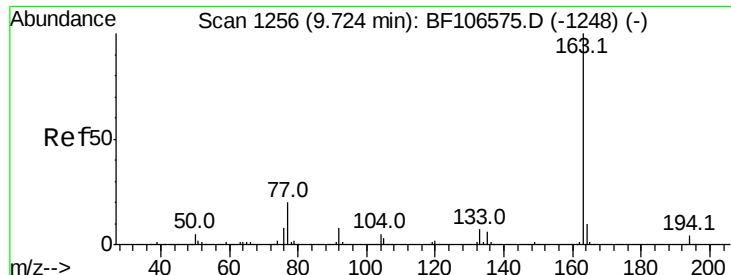
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#48
Acenaphthylene
Concen: 37.857 ng
RT: 9.85 min Scan# 1277
Delta R.T. 0.00 min
Lab File: BF107334.D
Acq: 12 Jul 2018 13:11

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.6	10.7	16.1





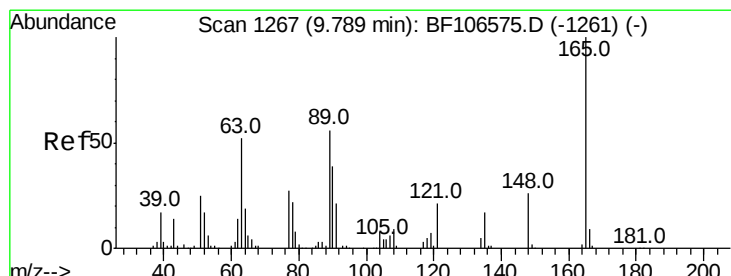
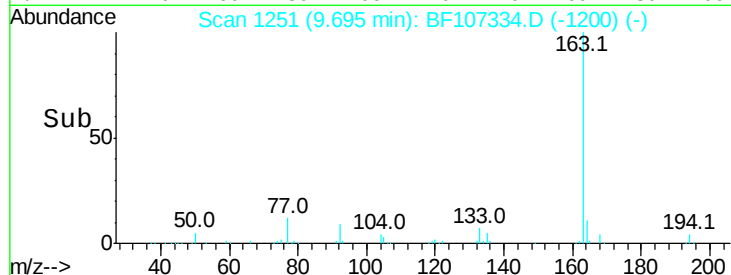
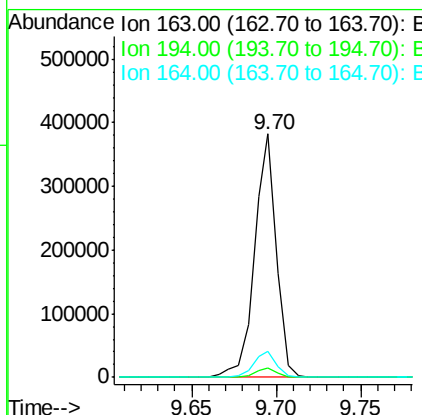
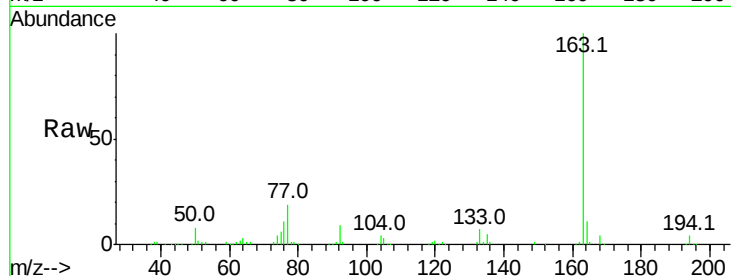
#49
Dimethylphthalate
Concen: 36.495 ng
RT: 9.70 min Scan# 1251
Delta R.T. 0.00 min
Lab File: BF107334.D
Acq: 12 Jul 2018 13:11

Instrument :
BNA_F
ClientSampleId :
PB110905BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.1	2.7	4.1#	
164	10.5	8.2	12.2	

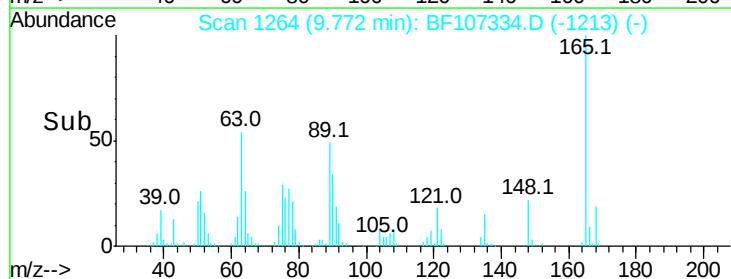
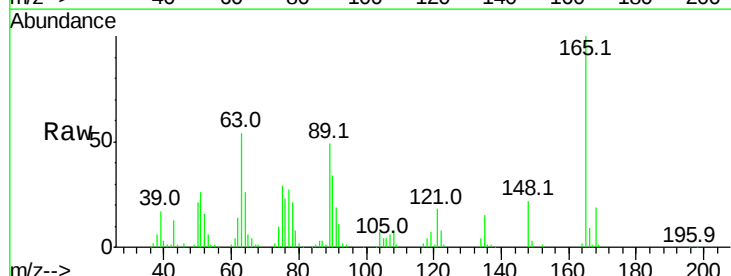
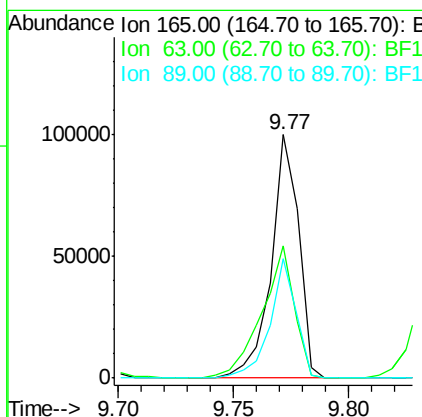
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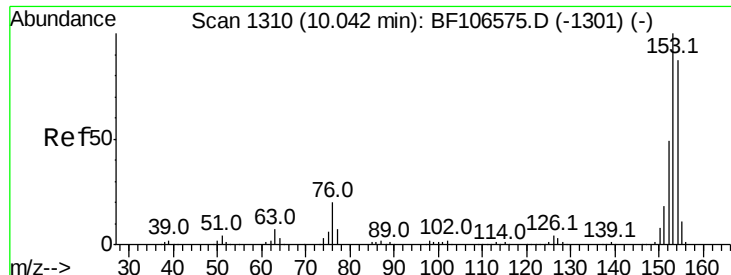
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#50
2,6-Dinitrotoluene
Concen: 41.259 ng
RT: 9.77 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BF107334.D
Acq: 12 Jul 2018 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	54.3	44.7	67.1	
89	49.2	44.0	66.0	





#51

Acenaphthene

Concen: 36.889 ng

RT: 10.01 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF107334.D

Acq: 12 Jul 2018 13:11

Instrument :

BNA_F

ClientSampleId :

PB110905BS

Tot Ion:154 Resp: 288672

Ion Ratio Lower Upper

154 100

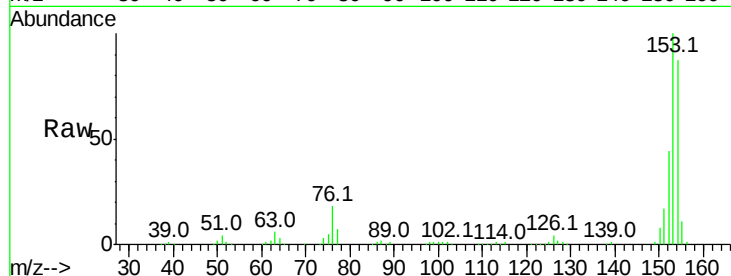
153 115.1 91.2 136.8

152 50.8 43.8 65.8

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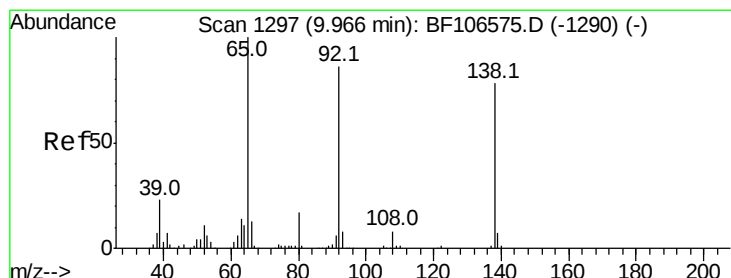
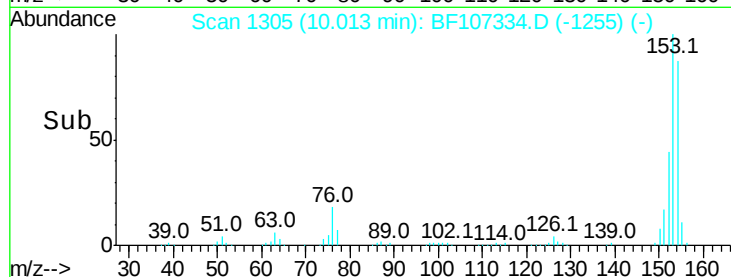
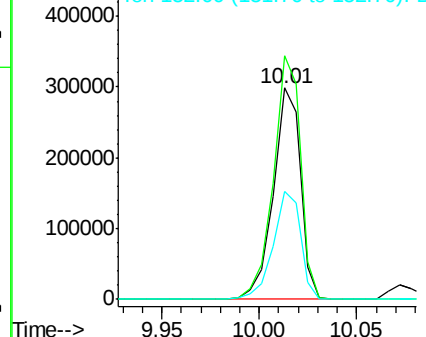
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 20.576 ng

RT: 9.95 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF107334.D

Acq: 12 Jul 2018 13:11

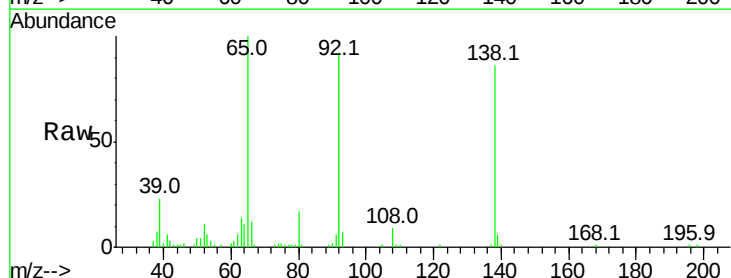
Tgt Ion:138 Resp: 47182

Ion Ratio Lower Upper

138 100

108 9.9 9.4 14.0

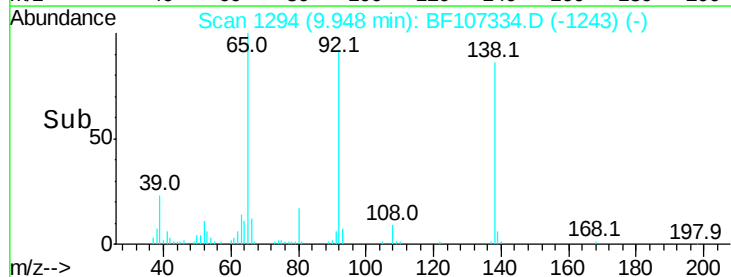
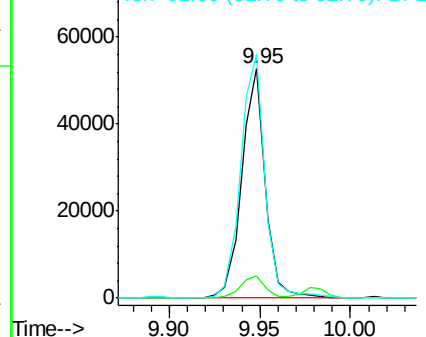
92 106.3 89.4 134.2

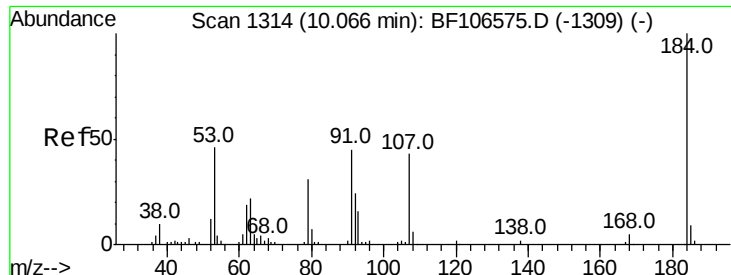


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





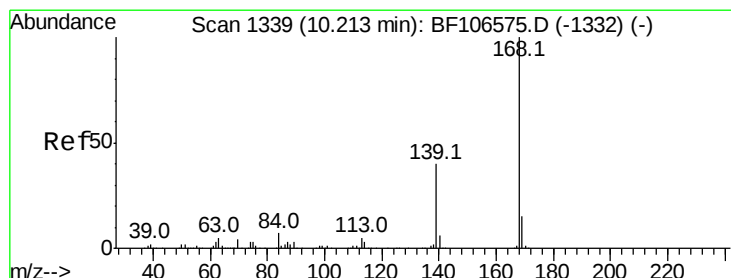
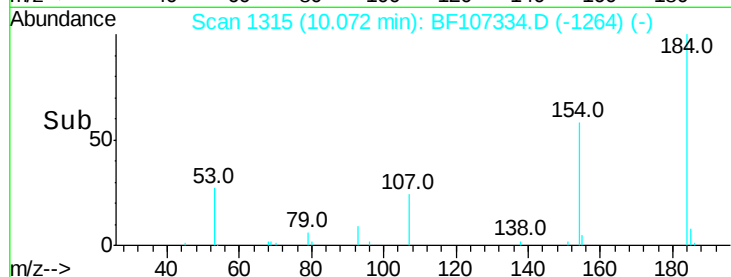
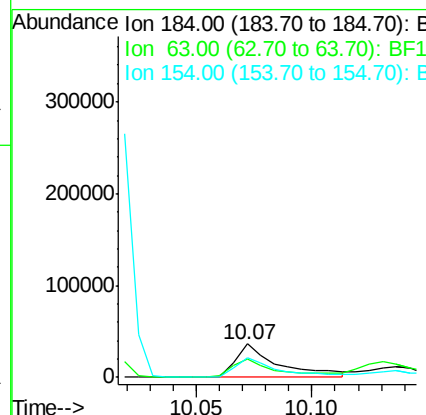
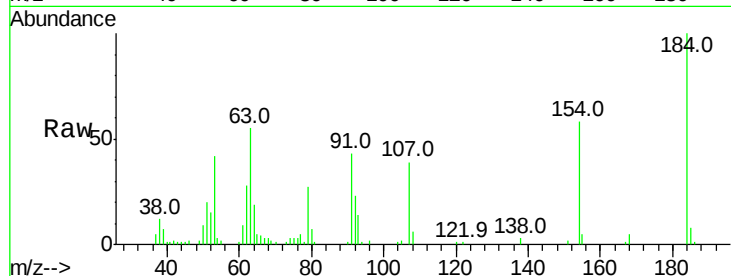
#53
2,4-Dinitrophenol
Concen: 47.222 ng
RT: 10.07 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF107334.D
Acq: 12 Jul 2018 13:11

Instrument :
BNA_F
ClientSampleId :
PB110905BS

Tot Ion:184 Resp: 46490
Ion Ratio Lower Upper
184 100
63 55.4 54.2 81.2
154 58.4 184.0 276.0#

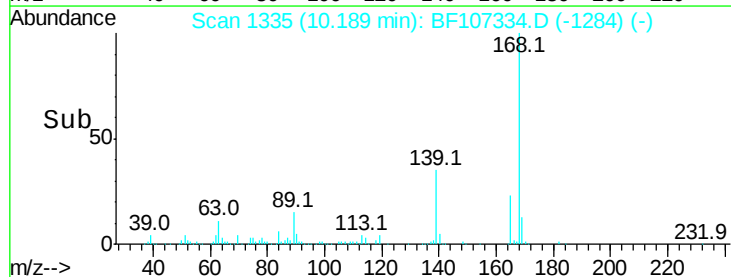
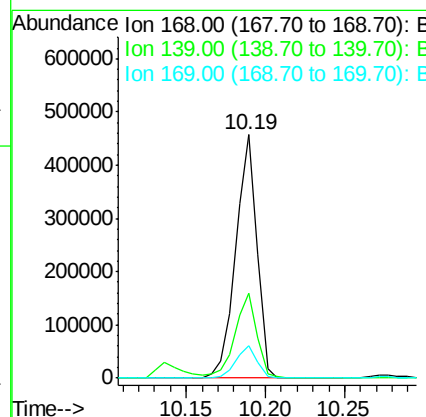
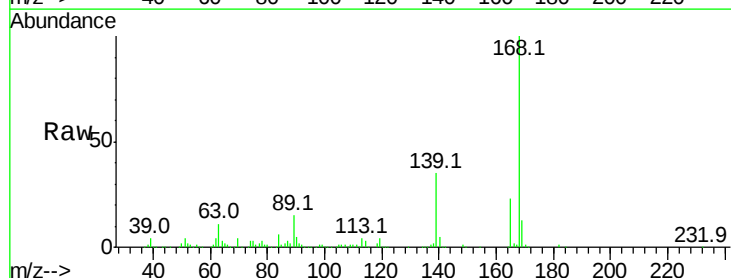
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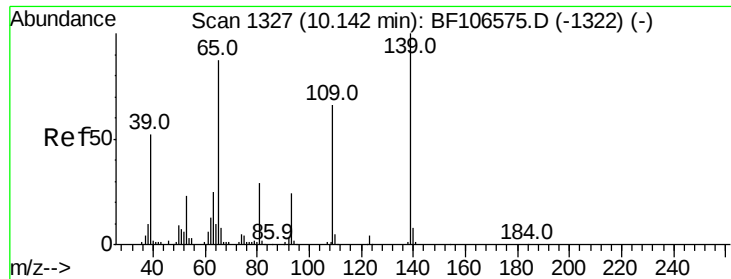
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#54
Dibenzofuran
Concen: 39.494 ng
RT: 10.19 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF107334.D
Acq: 12 Jul 2018 13:11

Tgt Ion:168 Resp: 423193
Ion Ratio Lower Upper
168 100
139 34.9 30.1 45.1
169 13.4 10.9 16.3





#55

4-Nitrophenol

Concen: 19.879 ng

RT: 10.14 min Scan# 1326

Delta R.T. 0.01 min

Lab File: BF107334.D

Acq: 12 Jul 2018 13:11

Instrument :

BNA_F

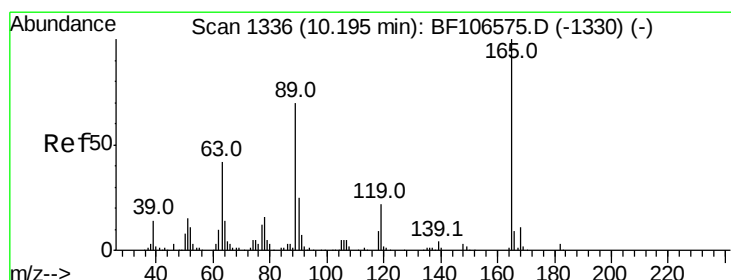
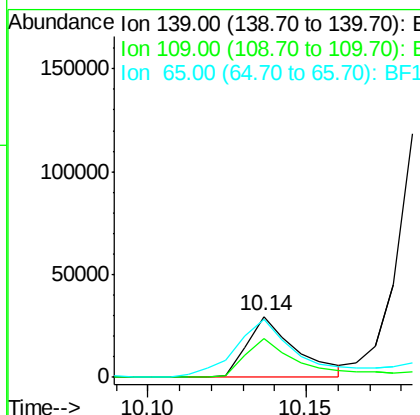
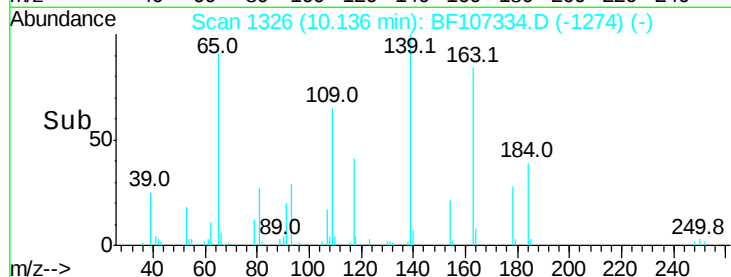
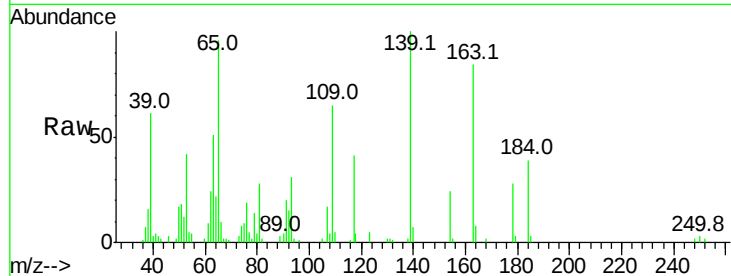
ClientSampleId :

PB110905BS

Tot Ion:139	Resp:	31818
Ion Ratio	Lower	Upper
139	100	
109	64.6	48.4 88.4
65	95.9	72.6 112.6

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#56

2,4-Dinitrotoluene

Concen: 38.142 ng

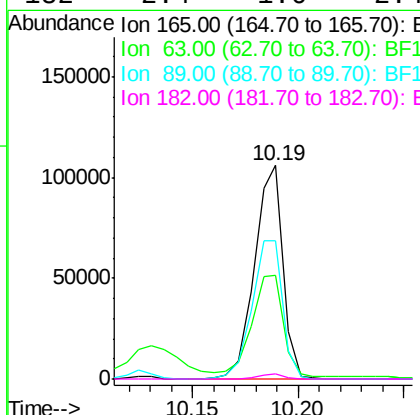
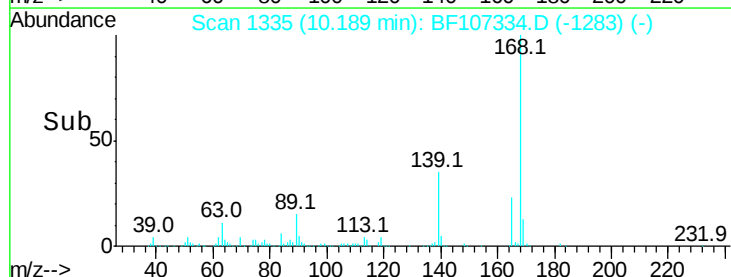
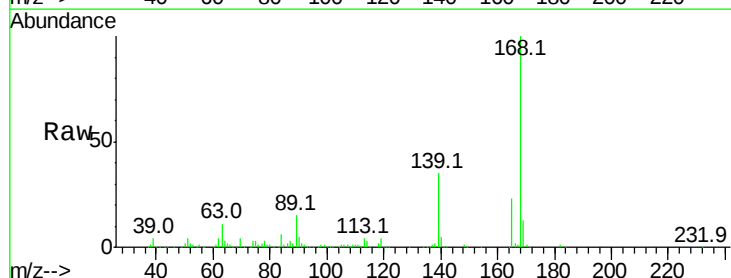
RT: 10.19 min Scan# 1335

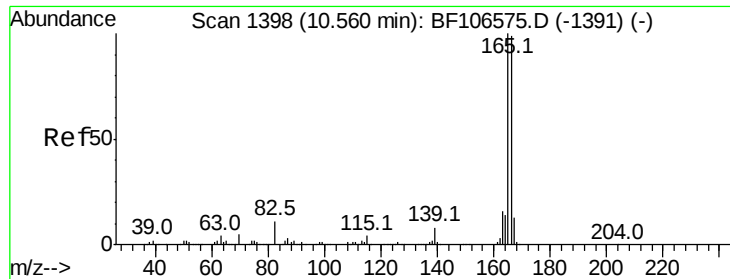
Delta R.T. 0.01 min

Lab File: BF107334.D

Acq: 12 Jul 2018 13:11

Tgt Ion:165	Resp:	99209
Ion Ratio	Lower	Upper
165	100	
63	48.7	36.4 54.6
89	64.8	57.8 86.6
182	2.4	1.6 2.4





#57

Fluorene

Concen: 41.077 ng

RT: 10.54 min Scan# 1394

Delta R.T. 0.00 min

Lab File: BF107334.D

Acq: 12 Jul 2018 13:11

Instrument :

BNA_F

ClientSampleId :

PB110905BS

Tot Ion:166 Resp: 349274

Ion Ratio Lower Upper

166 100

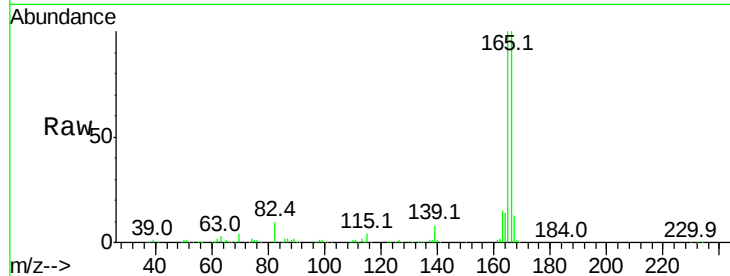
165 99.8 79.8 119.8

167 13.3 10.6 16.0

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Sohil

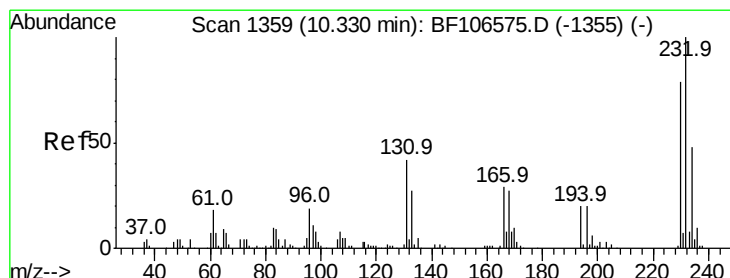
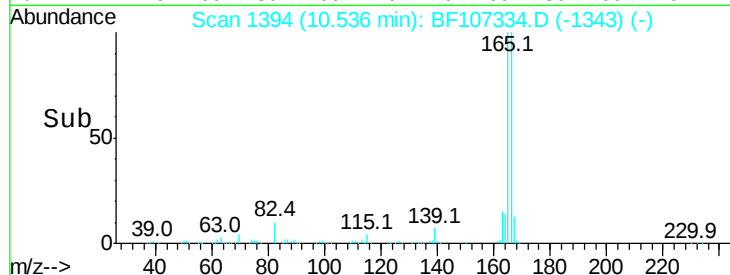
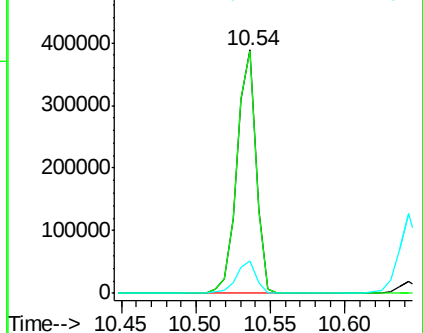
7/13/2018 11:17:09 AM



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: 29.997 ng

RT: 10.32 min Scan# 1357

Delta R.T. 0.00 min

Lab File: BF107334.D

Acq: 12 Jul 2018 13:11

Tgt Ion:232 Resp: 69888

Ion Ratio Lower Upper

232 100

131 33.4 43.8 65.8#

130 1.4 2.1 3.1#

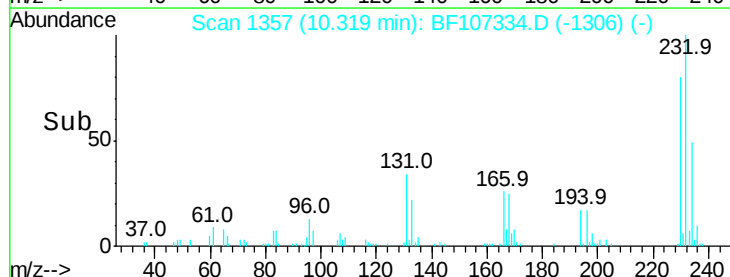
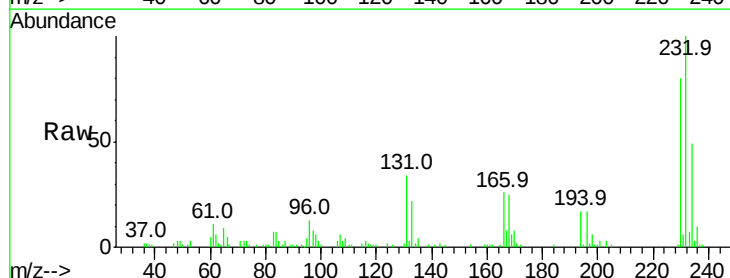
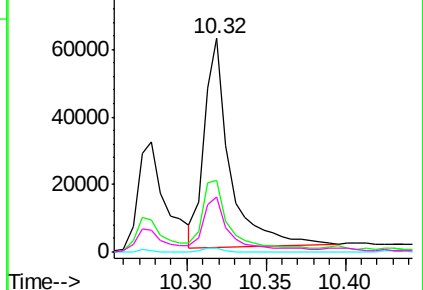
166 24.5 27.8 41.6#

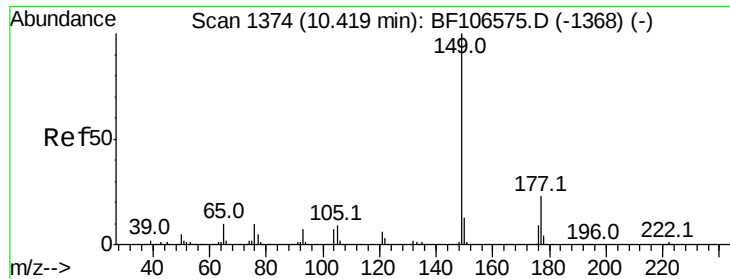
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





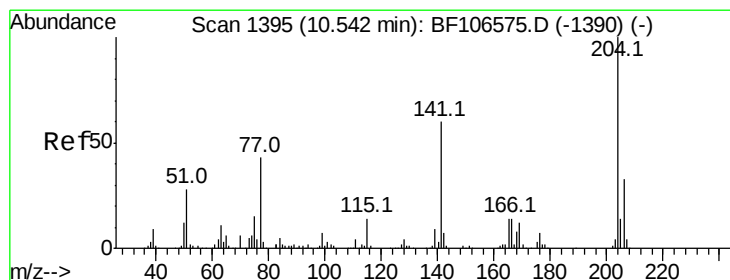
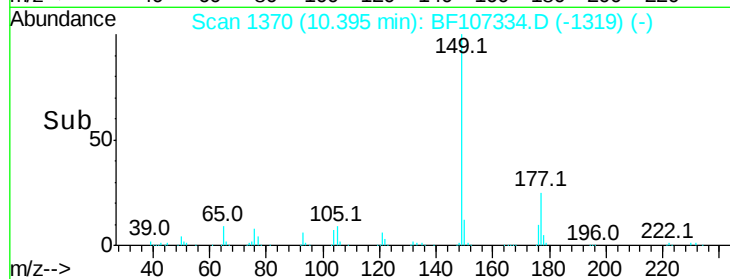
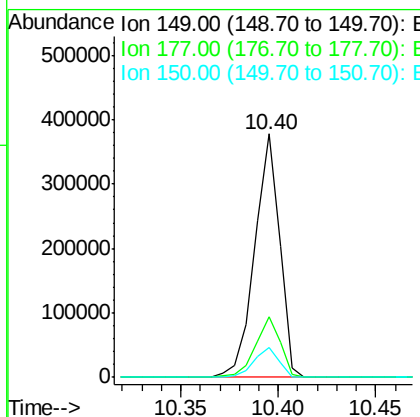
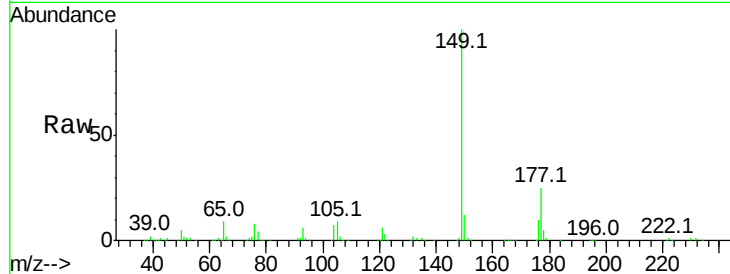
#59
Diethylphthalate
Concen: 36.779 ng
RT: 10.40 min Scan# 1370
Delta R.T. 0.00 min
Lab File: BF107334.D
Acq: 12 Jul 2018 13:11

Instrument :
BNA_F
ClientSampled :
PB110905BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	334057		
177	24.7	16.1	24.1#	
150	12.4	10.1	15.1	

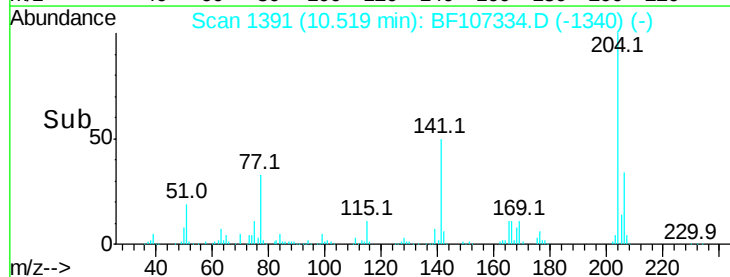
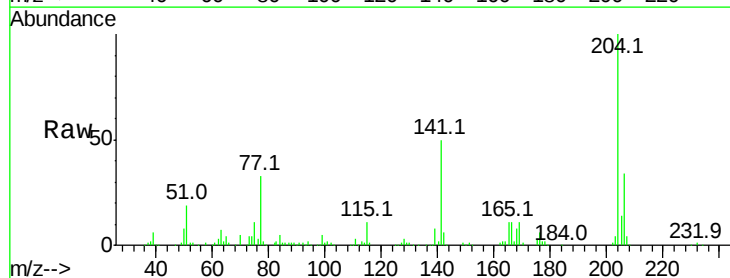
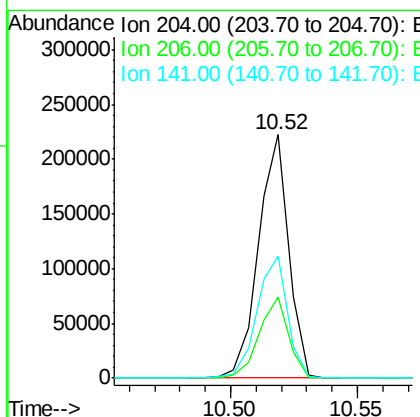
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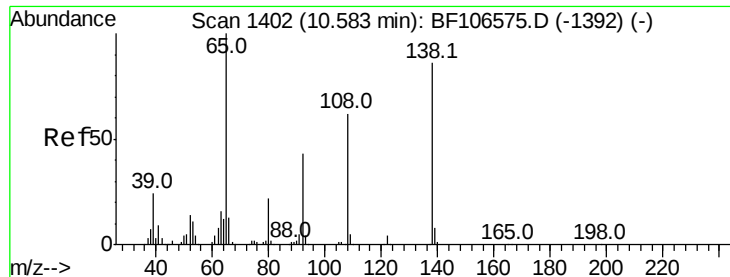
Sohil
7/13/2018 11:17:09 AM



#60
4-Chlorophenyl-phenylether
Concen: 41.337 ng
RT: 10.52 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BF107334.D
Acq: 12 Jul 2018 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	183907		
206	33.5	26.5	39.7	
141	50.2	54.6	81.8#	





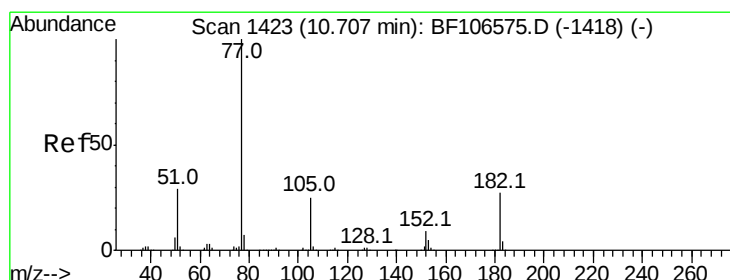
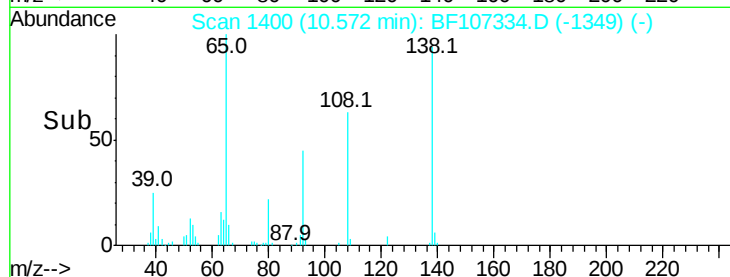
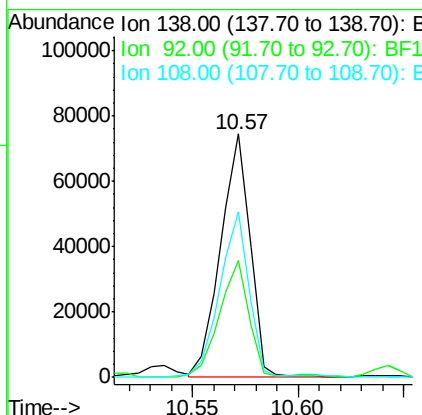
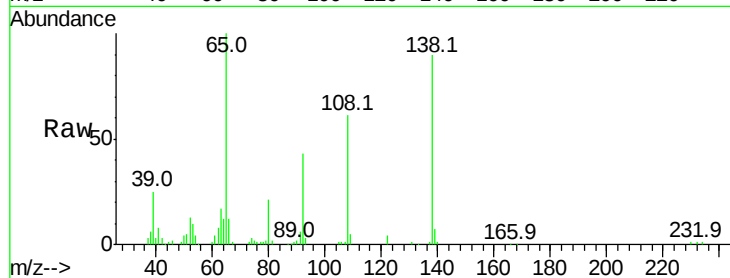
#61
4-Nitroaniline
Concen: 31.427 ng
RT: 10.57 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF107334.D
Acq: 12 Jul 2018 13:11

Instrument :
BNA_F
ClientSampleId :
PB110905BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.0	30.2	70.2
108	67.9	52.5	92.5

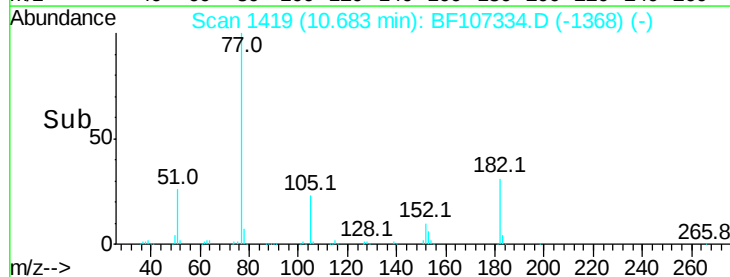
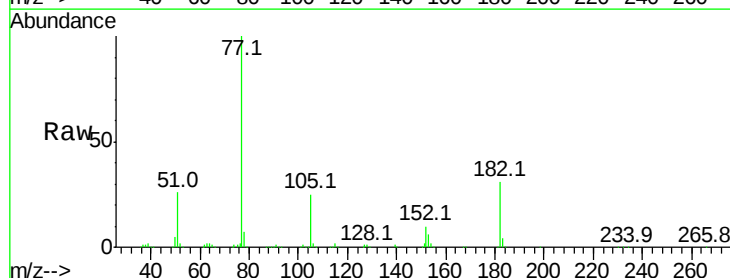
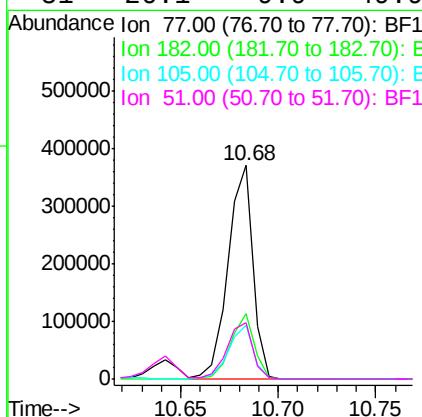
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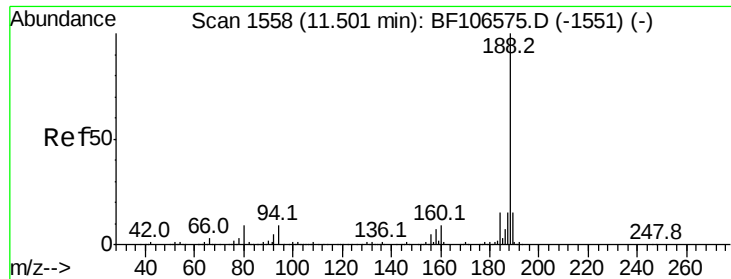
Sohil
7/13/2018 11:17:09 AM



#62
Azobenzene
Concen: 36.708 ng
RT: 10.68 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF107334.D
Acq: 12 Jul 2018 13:11

Tgt Ion	Ratio	Lower	Upper
77	100		
182	30.5	1.7	41.7
105	25.3	3.0	43.0
51	26.1	9.9	49.9





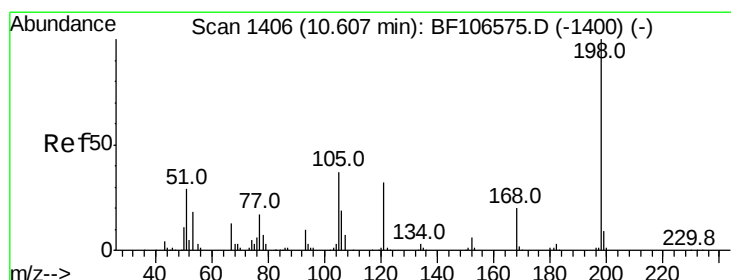
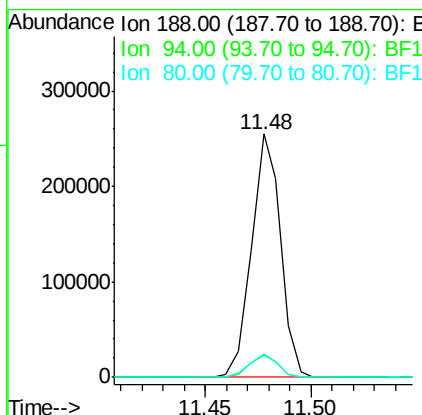
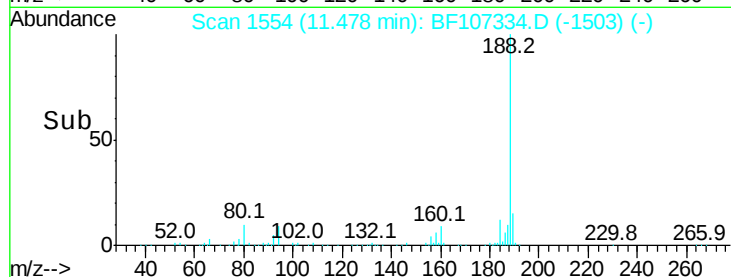
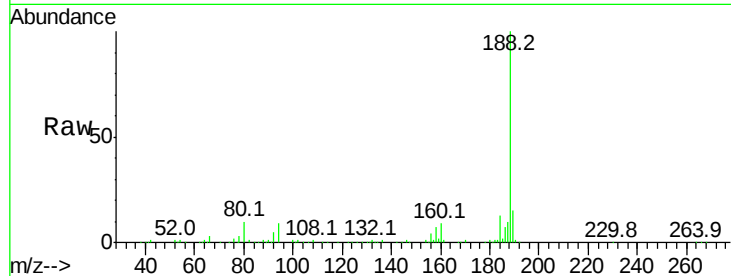
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1554
Delta R.T. 0.00 min
Lab File: BF107334.D
Acq: 12 Jul 2018 13:11

Instrument :
BNA_F
ClientSampleId :
PB110905BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	242264		
94	9.2	8.5	12.7	
80	9.7	9.2	13.8	

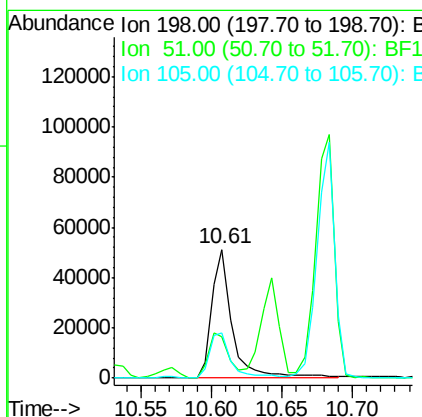
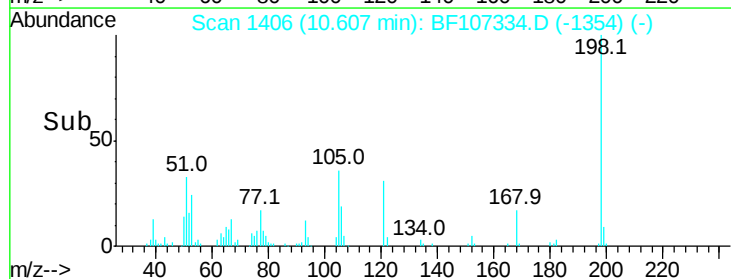
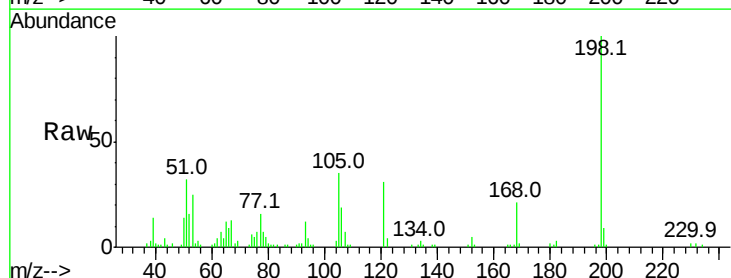
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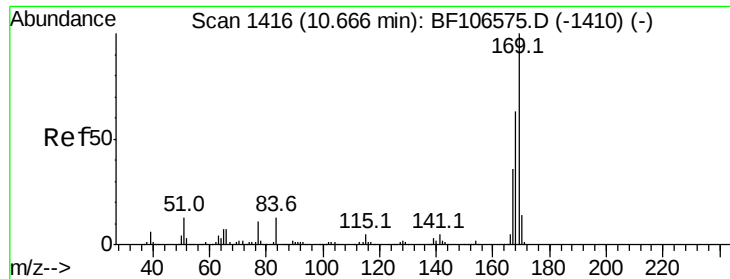
Sohil
7/13/2018 11:17:09 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 34.559 ng
RT: 10.61 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BF107334.D
Acq: 12 Jul 2018 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	51753		
51	32.1	37.7	77.7#	
105	35.5	36.3	76.3#	





#65

n-Nitrosodiphenylamine

Concen: 37.033 ng

RT: 10.64 min Scan# 1412

Delta R.T. 0.00 min

Lab File: BF107334.D

Acq: 12 Jul 2018 13:11

Instrument :

BNA_F

ClientSampleId :

PB110905BS

Tot Ion:169 Resp: 301770

Ion Ratio Lower Upper

169 100

168 67.5 54.4 81.6

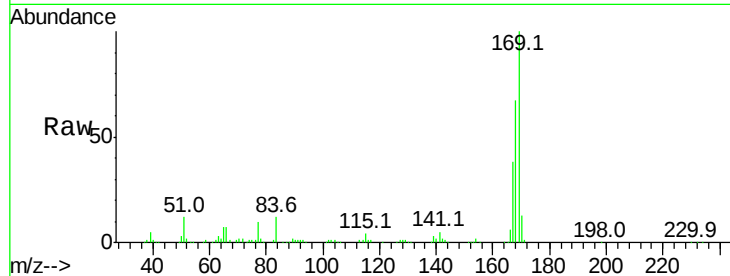
167 37.9 29.8 44.6

Manual Integrations

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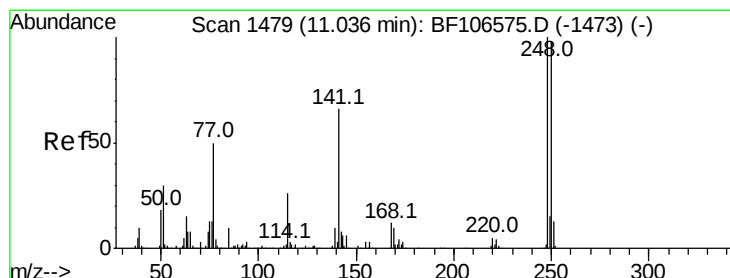
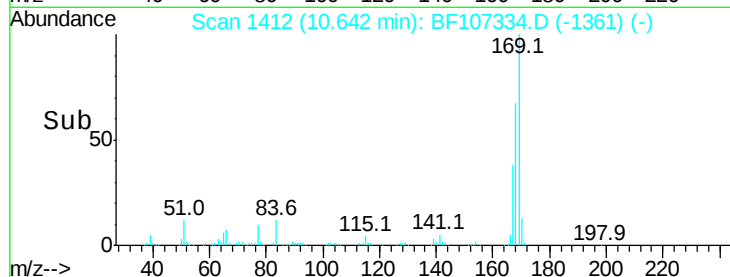
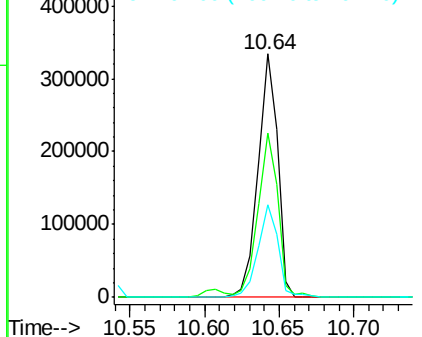
7/13/2018 11:17:09 AM



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 43.233 ng

RT: 11.01 min Scan# 1475

Delta R.T. 0.00 min

Lab File: BF107334.D

Acq: 12 Jul 2018 13:11

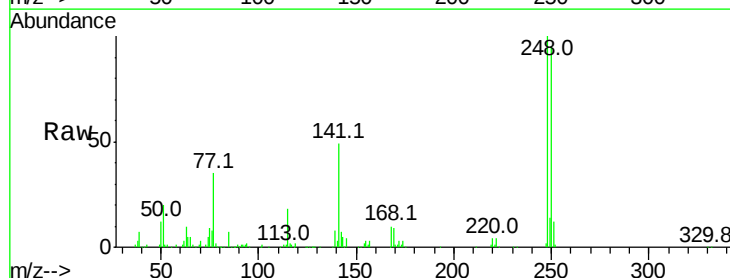
Tgt Ion:248 Resp: 124999

Ion Ratio Lower Upper

248 100

250 95.0 76.9 115.3

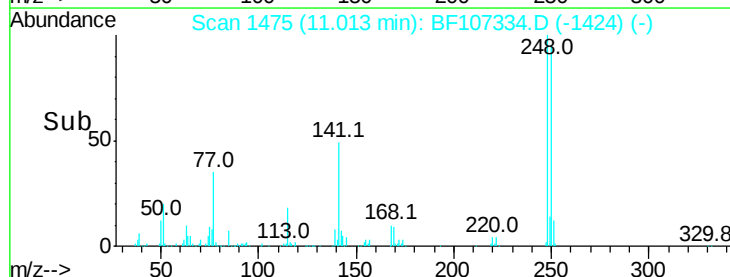
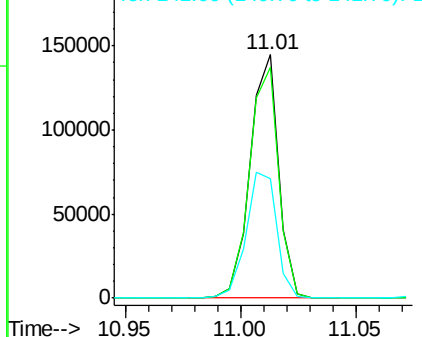
141 49.1 74.4 111.6#

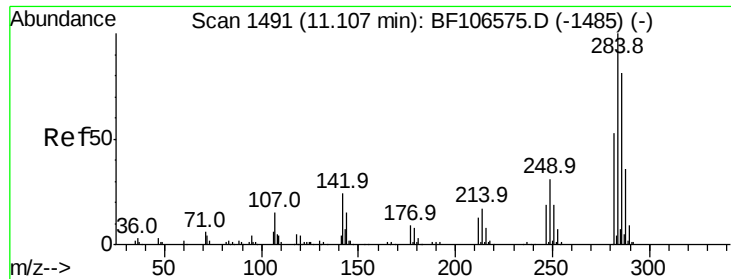


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 43.633 ng

RT: 11.09 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BF107334.D

Acq: 12 Jul 2018 13:11

Instrument :

BNA_F

ClientSampleId :

PB110905BS

Tot Ion:284 Resp: 132040
Ion Ratio Lower Upper

284 100

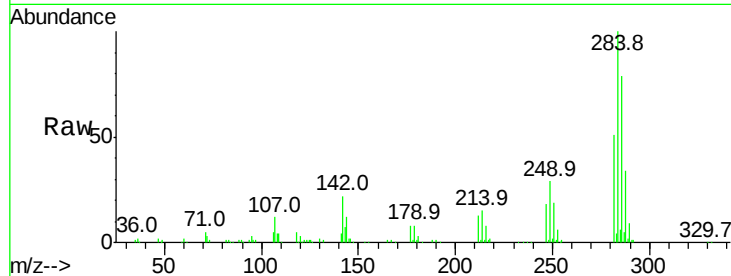
142 22.2 34.6 52.0#

249 29.3 24.8 37.2

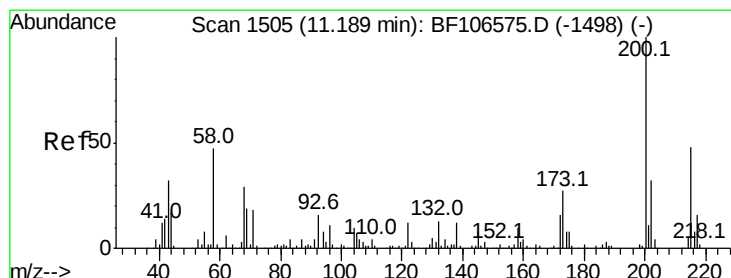
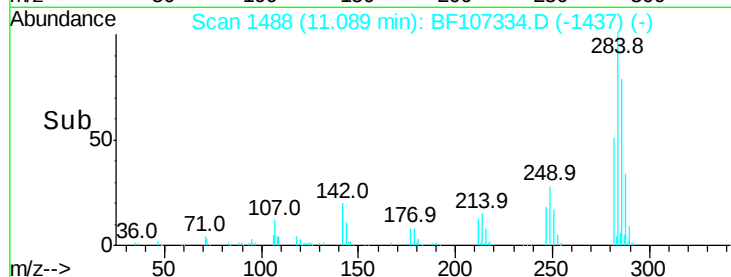
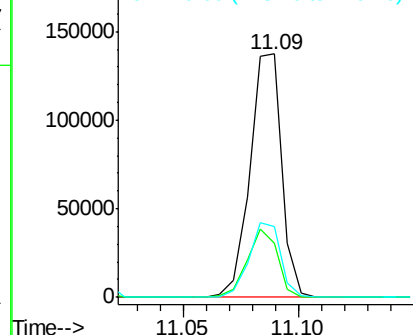
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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 39.639 ng

RT: 11.17 min Scan# 1502

Delta R.T. 0.00 min

Lab File: BF107334.D

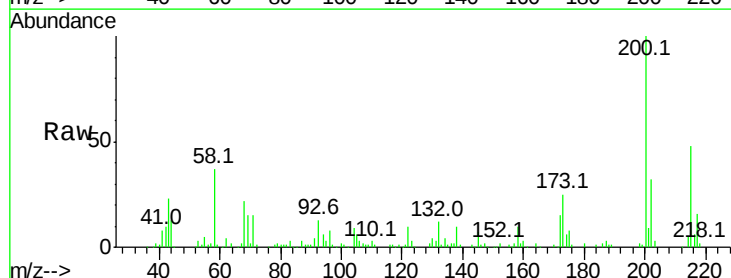
Acq: 12 Jul 2018 13:11

Tgt Ion:200 Resp: 102683
Ion Ratio Lower Upper

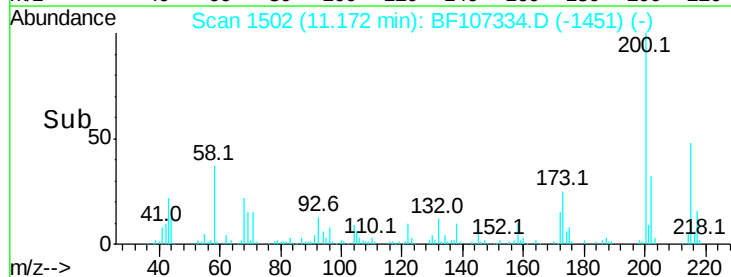
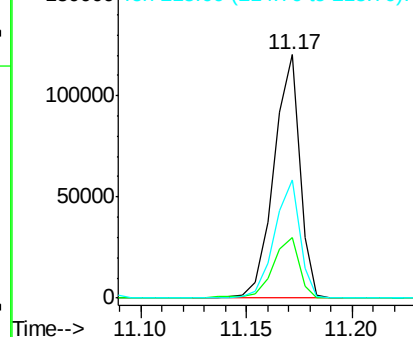
200 100

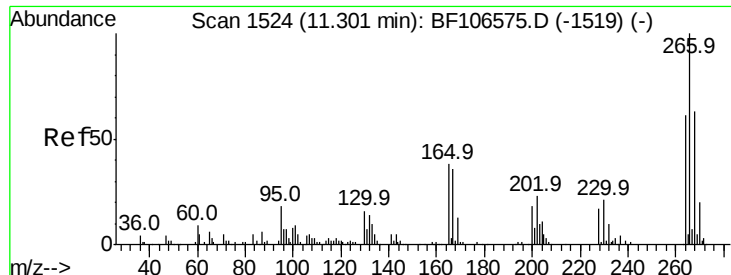
173 24.9 8.6 48.6

215 48.5 25.1 65.1



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





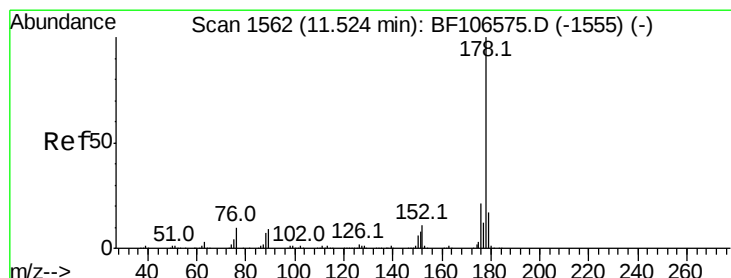
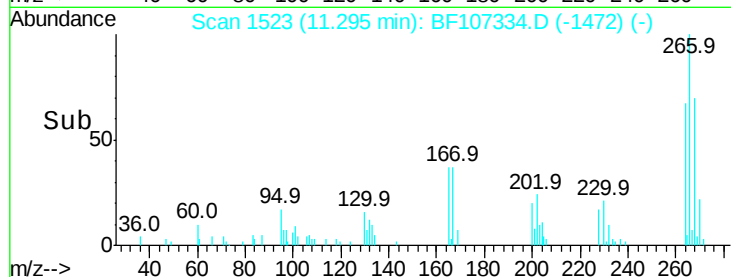
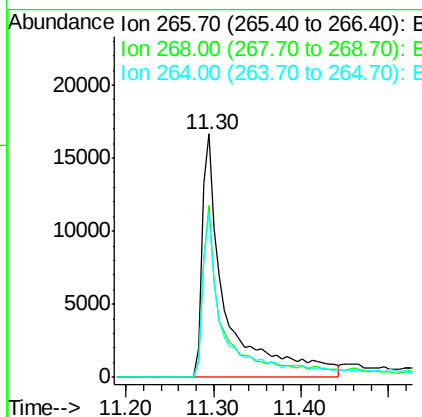
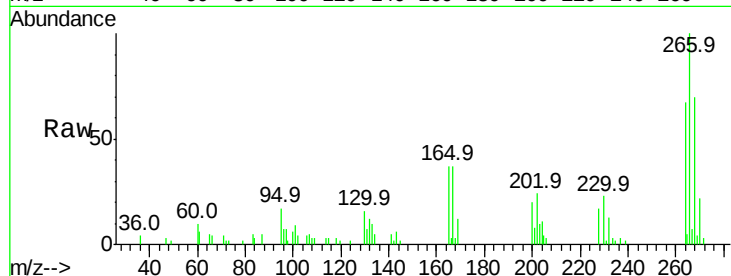
#69
 Pentachlorophenol
 Concen: 20.682 ng
 RT: 11.30 min Scan# 1523
 Delta R.T. 0.00 min
 Lab File: BF107334.D
 Acq: 12 Jul 2018 13:11

Instrument :
 BNA_F
 ClientSampleId :
 PB110905BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	70.4	51.1	76.7
264	67.2	49.5	74.3

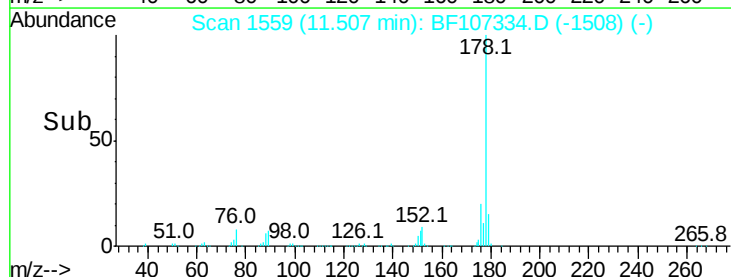
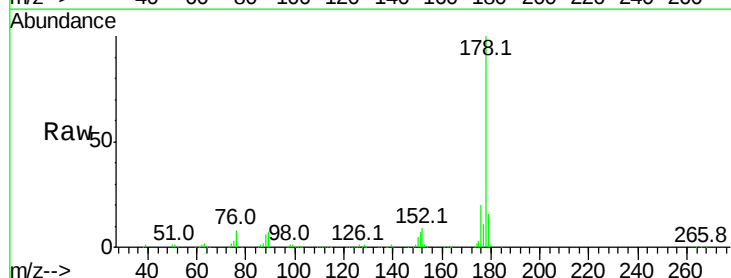
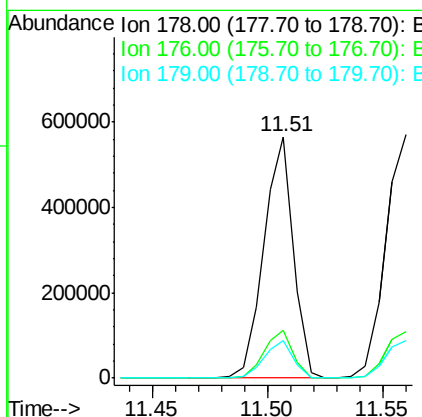
Manual Integrations
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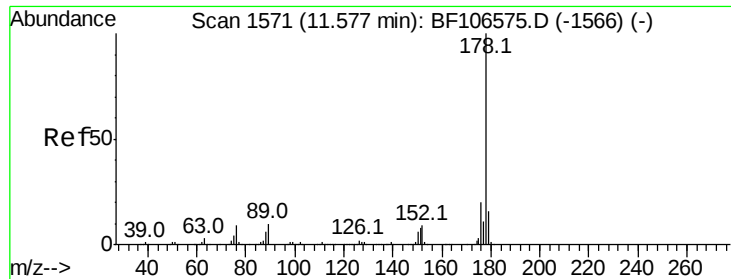
Sohil
 7/13/2018 11:17:09 AM



#70
 Phenanthrene
 Concen: 42.704 ng
 RT: 11.51 min Scan# 1559
 Delta R.T. 0.00 min
 Lab File: BF107334.D
 Acq: 12 Jul 2018 13:11

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.5	13.0	19.6





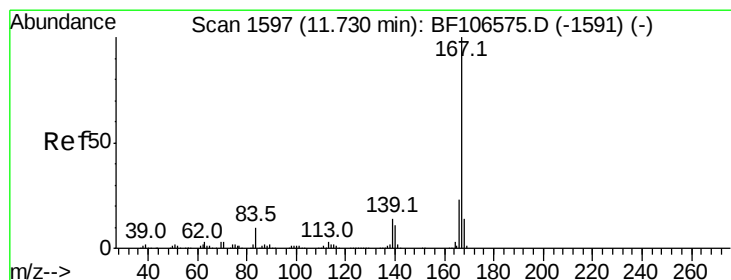
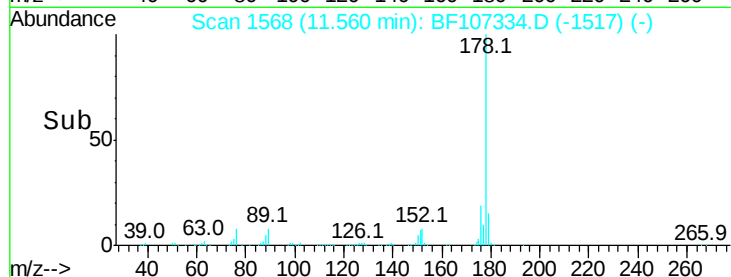
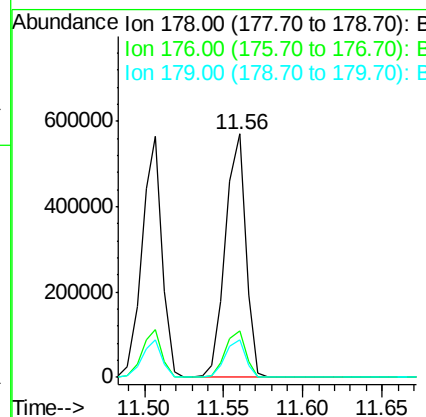
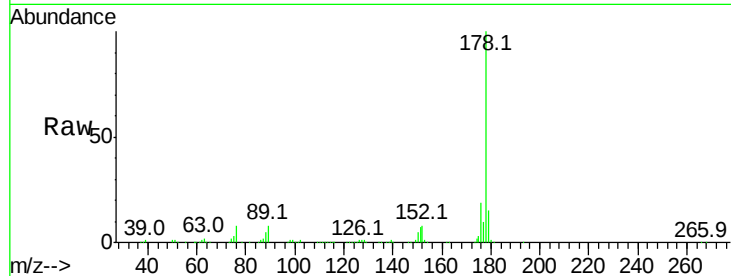
#71
 Anthracene
 Concen: 42.886 ng
 RT: 11.56 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: BF107334.D
 Acq: 12 Jul 2018 13:11

Instrument :
 BNA_F
 ClientSampleId :
 PB110905BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.3	12.6	19.0

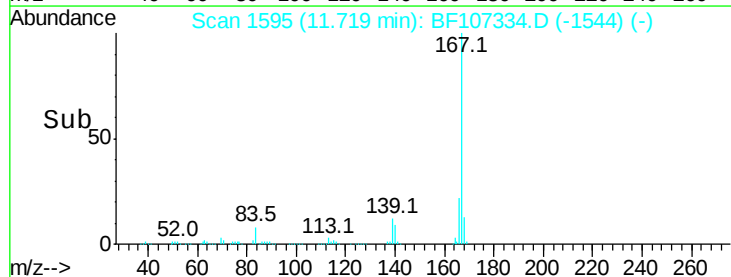
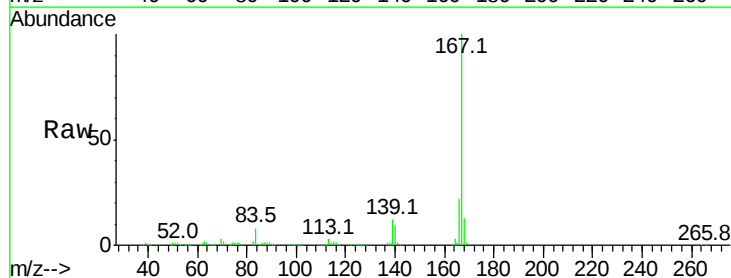
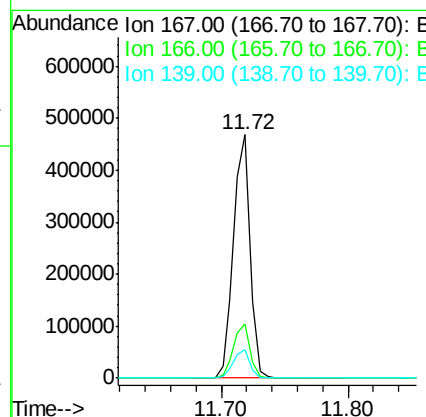
Manual Integrations
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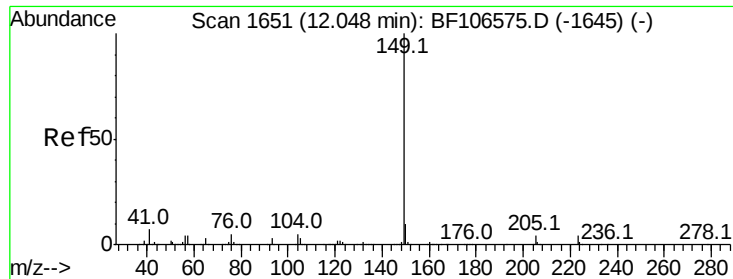
Sohil
 7/13/2018 11:17:09 AM



#72
 Carbazole
 Concen: 37.967 ng
 RT: 11.72 min Scan# 1595
 Delta R.T. 0.00 min
 Lab File: BF107334.D
 Acq: 12 Jul 2018 13:11

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.6	26.4
139	11.5	10.9	16.3





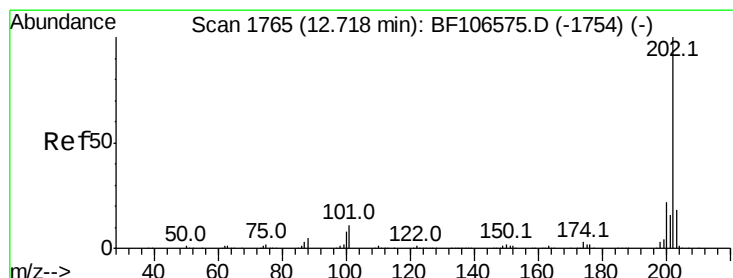
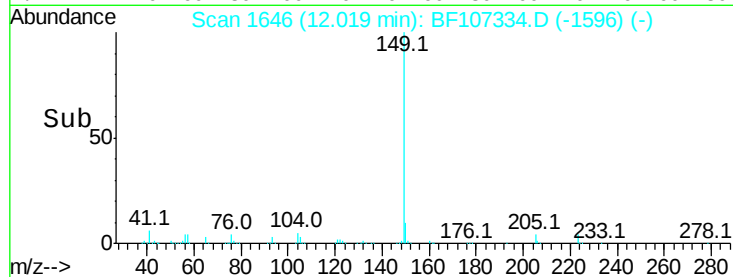
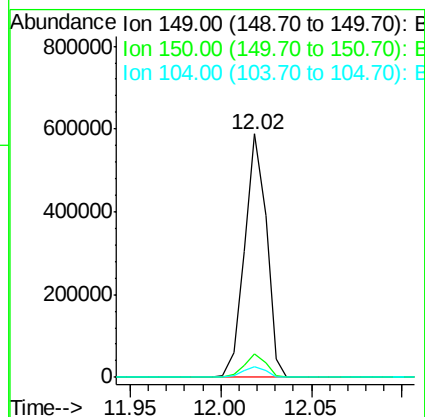
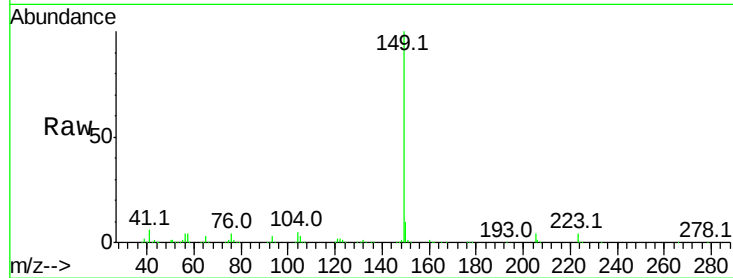
#73
Di-n-butylphthalate
Concen: 37.427 ng
RT: 12.02 min Scan# 1646
Delta R.T. -0.01 min
Lab File: BF107334.D
Acq: 12 Jul 2018 13:11

Instrument :
BNA_F
ClientSampleId :
PB110905BS

Tot Ion:	149	Resp:	492354
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.8	11.6
104	4.5	3.8	5.8

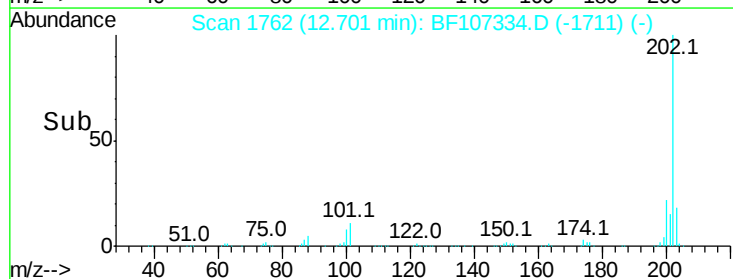
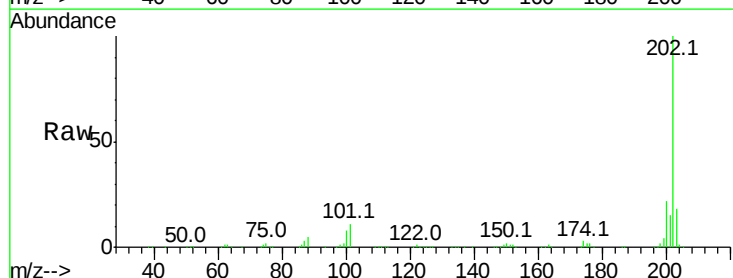
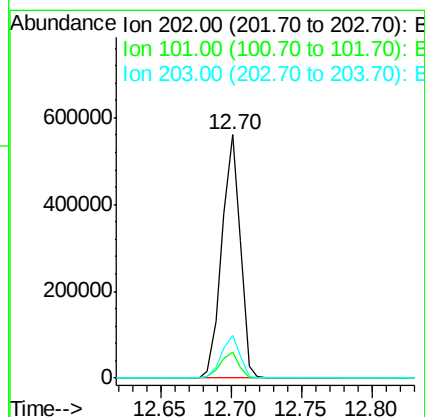
Manual Integrations
APPROVED

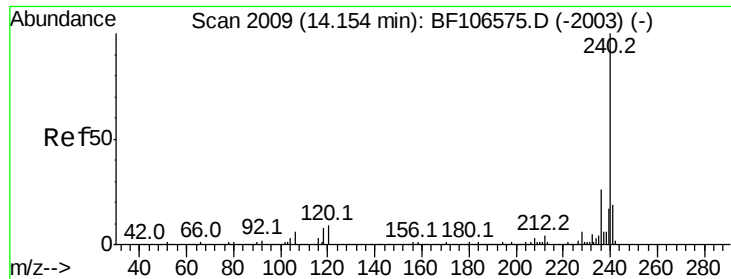
Sohil
7/13/2018 11:17:09 AM



#74
Fluoranthene
Concen: 39.457 ng
RT: 12.70 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BF107334.D
Acq: 12 Jul 2018 13:11

Tgt Ion:	202	Resp:	508166
Ion Ratio	Lower	Upper	
202	100		
101	10.5	0.0	34.1
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. 0.01 min

Lab File: BF107334.D

Acq: 12 Jul 2018 13:11

Instrument :

BNA_F

ClientSampleId :

PB110905BS

Tot Ion:240 Resp: 166798

Ion Ratio Lower Upper

240 100

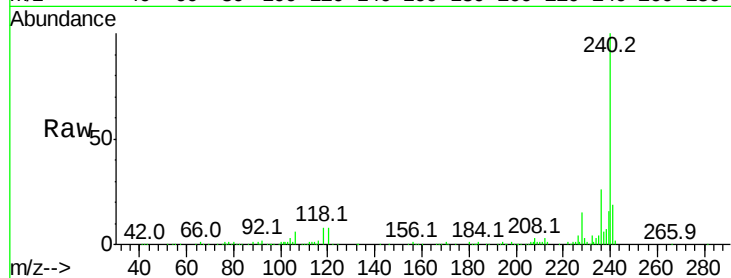
120 8.5 9.5 14.3#

236 26.1 20.7 31.1

Manual Integrations
APPROVED

Sohil

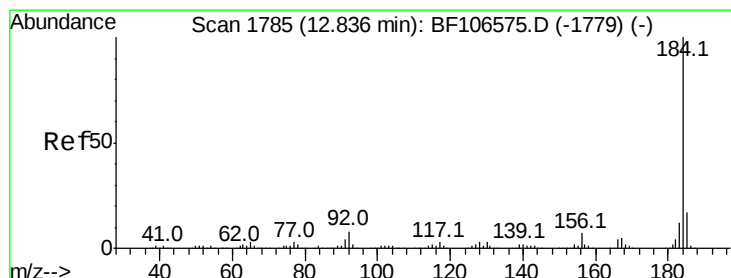
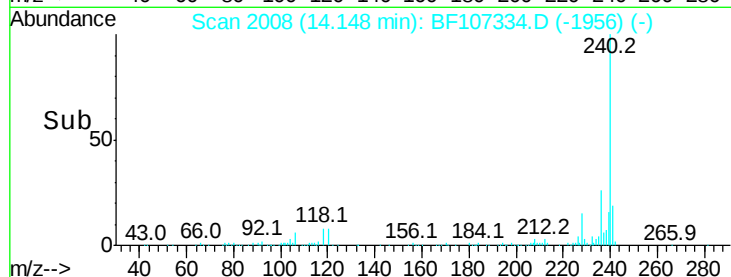
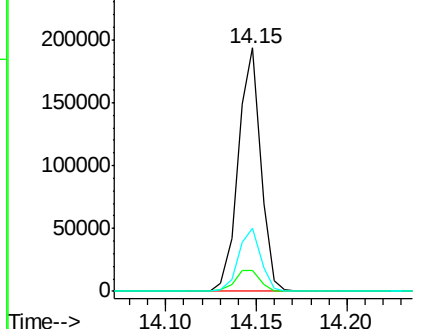
7/13/2018 11:17:09 AM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 27.973 ng

RT: 12.82 min Scan# 1782

Delta R.T. 0.00 min

Lab File: BF107334.D

Acq: 12 Jul 2018 13:11

Tgt Ion:184 Resp: 132881

Ion Ratio Lower Upper

184 100

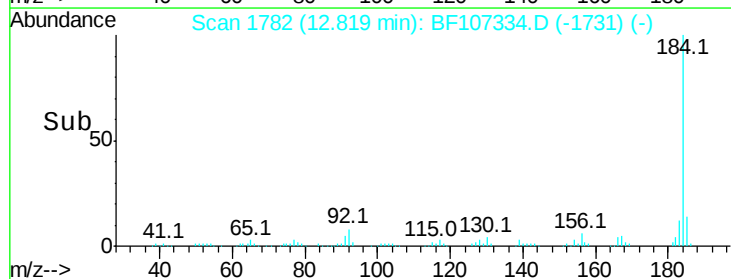
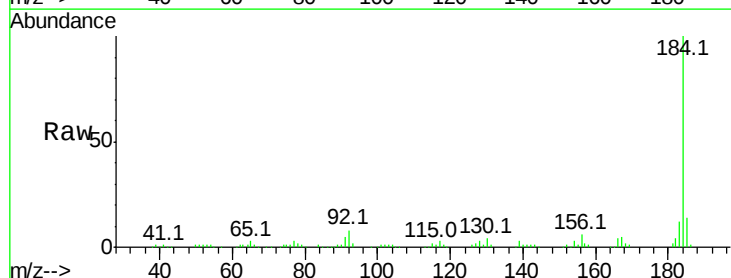
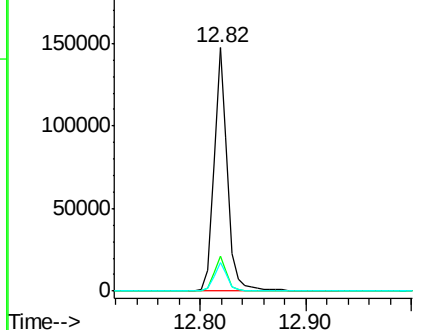
185 14.1 12.6 18.8

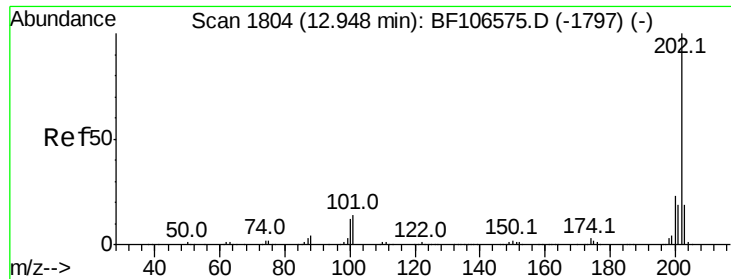
183 11.9 9.3 13.9

Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





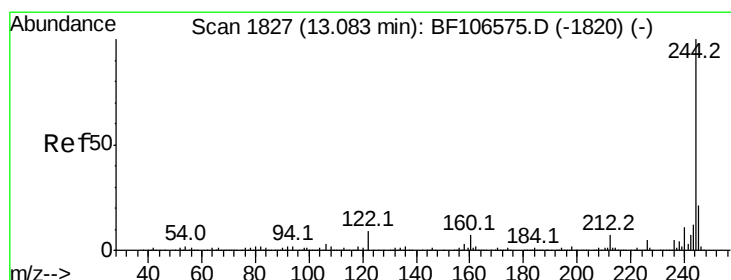
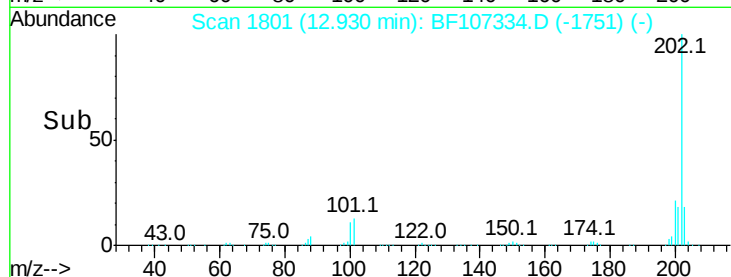
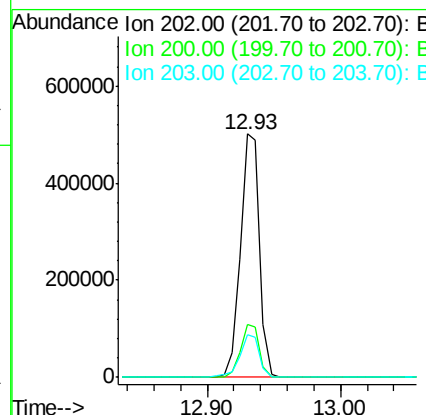
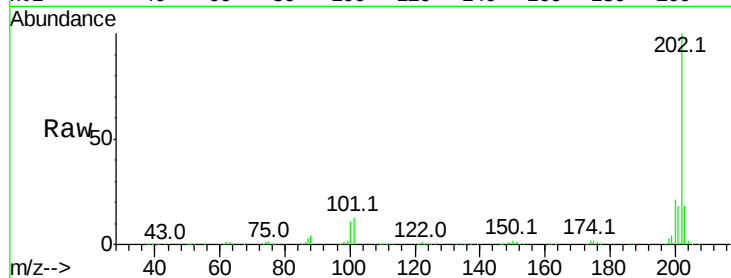
#77
Pvrene
Concen: 45.416 ng
RT: 12.93 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BF107334.D
Acq: 12 Jul 2018 13:11

Instrument :
BNA_F
ClientSampleId :
PB110905BS

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

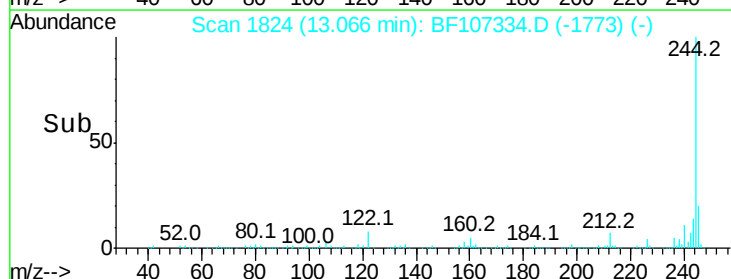
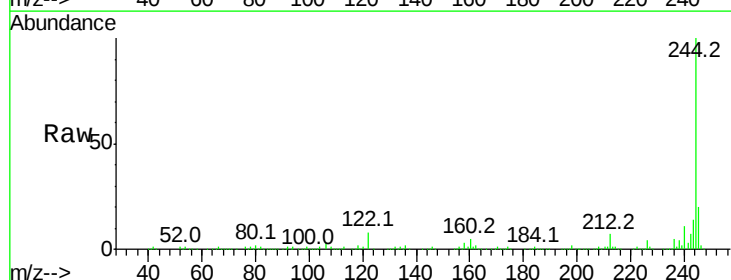
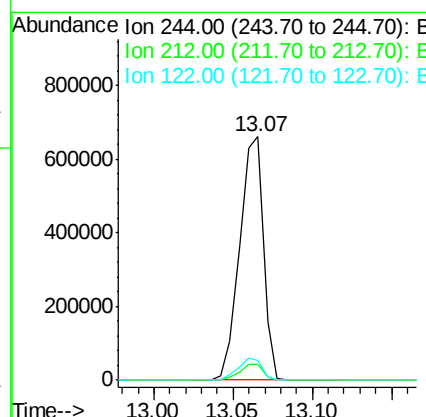
Manual Integrations
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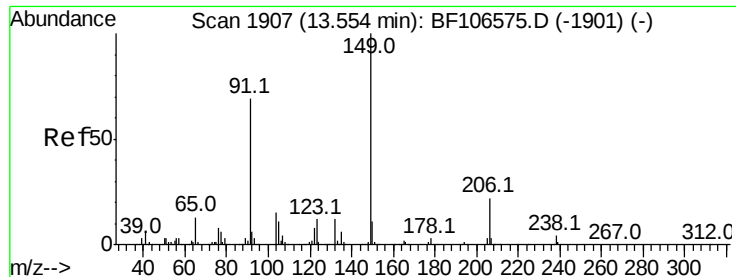
Sohil
7/13/2018 11:17:09 AM



#78
Terphenyl-d14
Concen: 99.480 ng
RT: 13.07 min Scan# 1824
Delta R.T. 0.00 min
Lab File: BF107334.D
Acq: 12 Jul 2018 13:11

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.5	5.4	8.0
122	8.2	11.0	16.4#





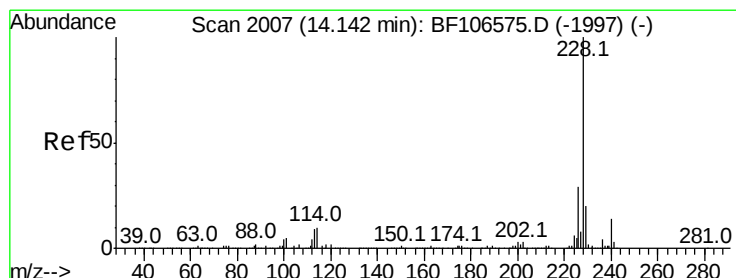
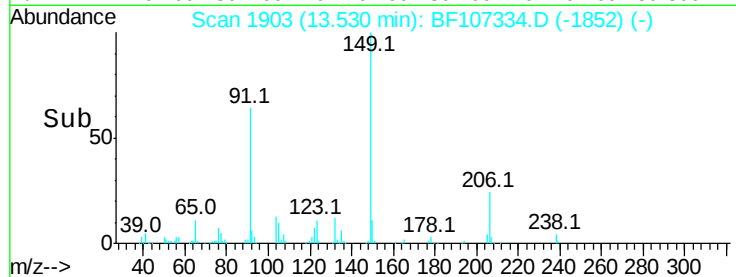
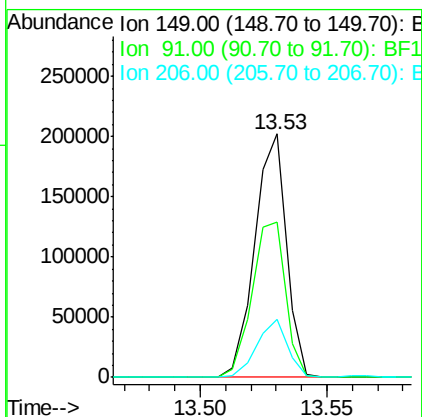
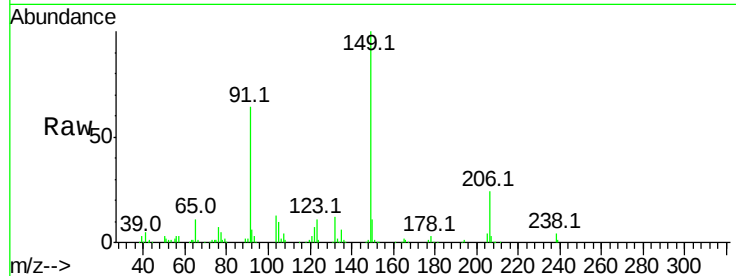
#79
Butylbenzylphthalate
Concen: 39.178 ng
RT: 13.53 min Scan# 1903
Delta R.T. 0.00 min
Lab File: BF107334.D
Acq: 12 Jul 2018 13:11

Instrument :
BNA_F
ClientSampleId :
PB110905BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	177176		
91	63.6	56.8	85.2	
206	23.9	14.1	21.1	

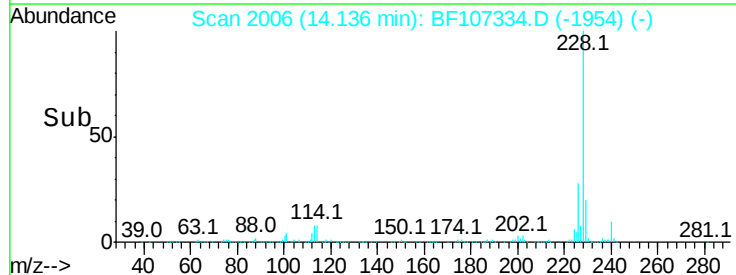
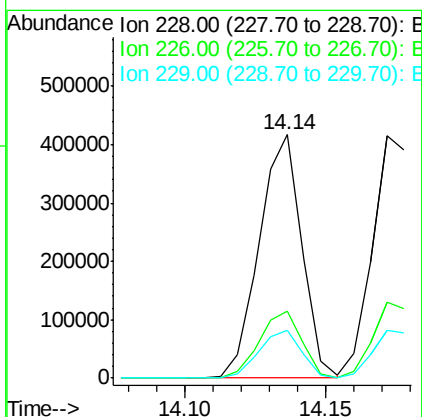
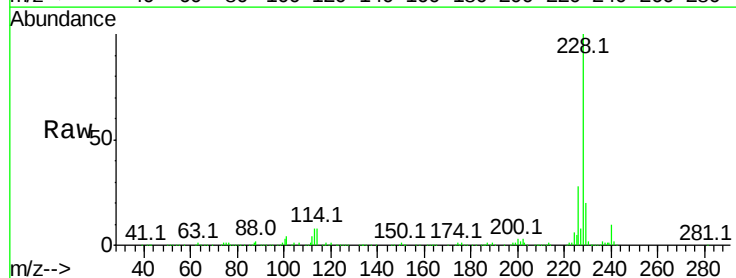
Manual Integrations
APPROVED

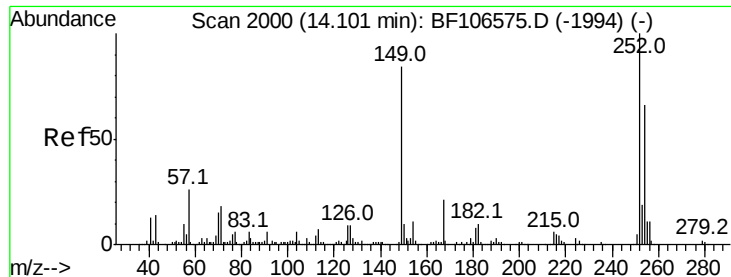
Sohil
7/13/2018 11:17:09 AM



#80
Benzo(a)anthracene
Concen: 42.797 ng
RT: 14.14 min Scan# 2006
Delta R.T. 0.01 min
Lab File: BF107334.D
Acq: 12 Jul 2018 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	435071		
226	27.7	22.6	33.8	
229	19.8	15.8	23.6	





#81

3,3'-Dichlorobenzidine

Concen: 26.850 ng

RT: 14.09 min Scan# 1998

Delta R.T. 0.01 min

Lab File: BF107334.D

Acq: 12 Jul 2018 13:11

Instrument :

BNA_F

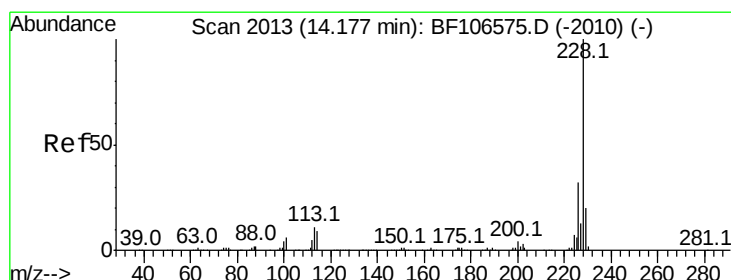
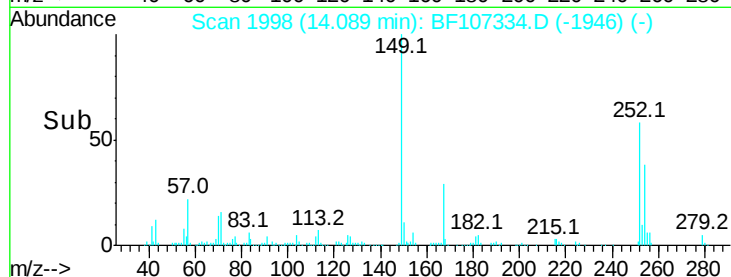
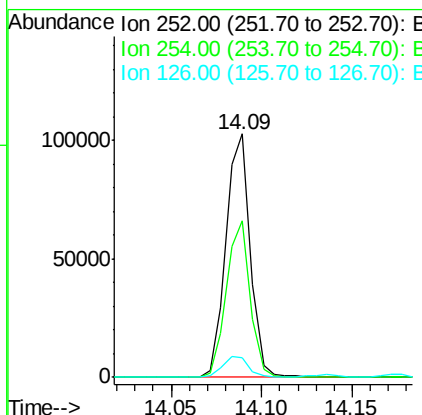
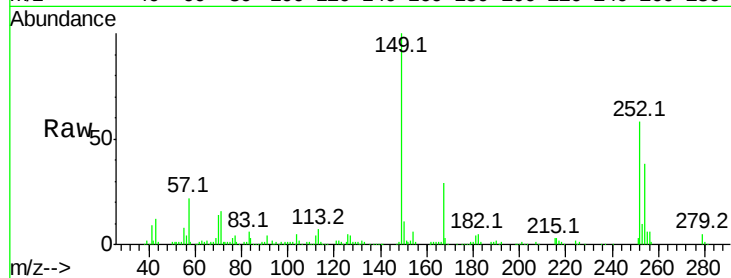
ClientSampled :

PB110905BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.4	50.4	75.6
126	8.1	11.3	16.9

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#82

Chrysene

Concen: 43.036 ng

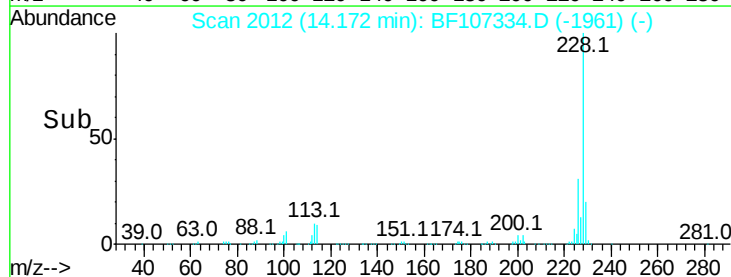
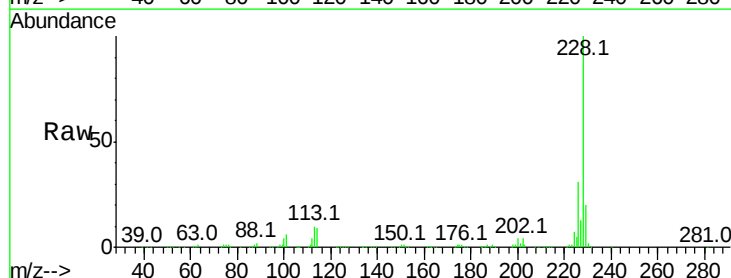
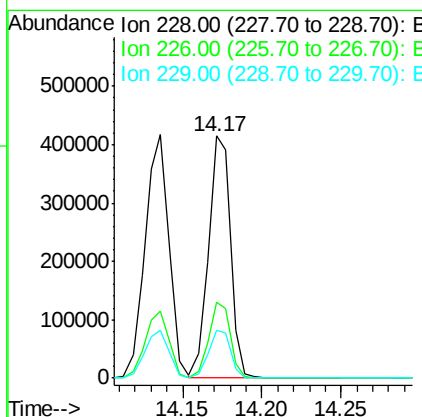
RT: 14.17 min Scan# 2012

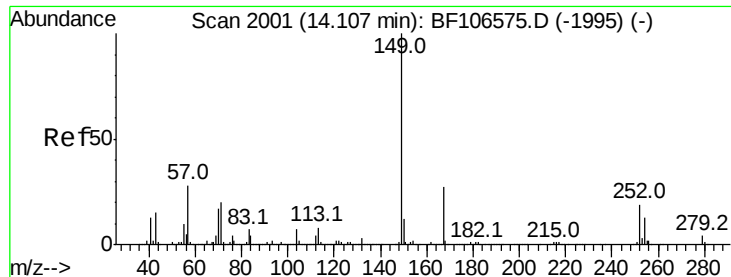
Delta R.T. 0.00 min

Lab File: BF107334.D

Acq: 12 Jul 2018 13:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	19.9	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.891 ng

RT: 14.08 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF107334.D

Acq: 12 Jul 2018 13:11

Instrument :

BNA_F

ClientSampleId :

PB110905BS

Tot Ion:149 Resp: 224856
Ion Ratio Lower Upper

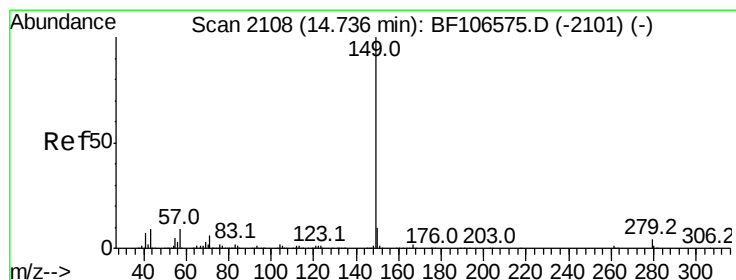
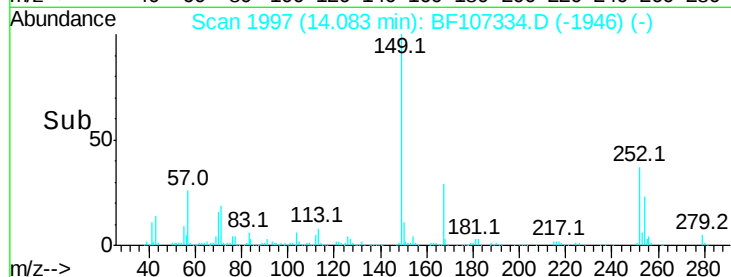
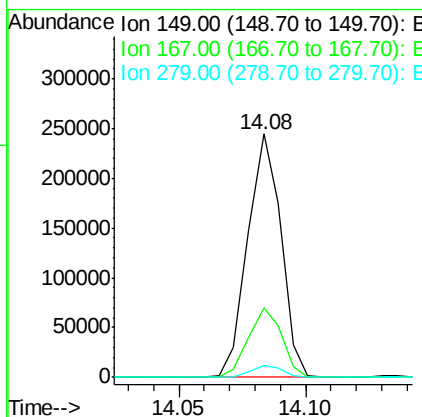
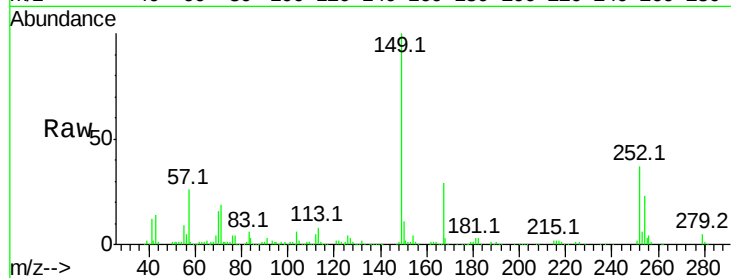
149 100

167 28.7 21.3 31.9

279 4.7 3.0 4.4#

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 41.561 ng

RT: 14.73 min Scan# 2107

Delta R.T. 0.02 min

Lab File: BF107334.D

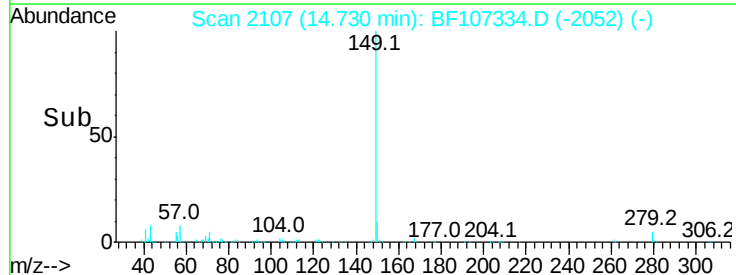
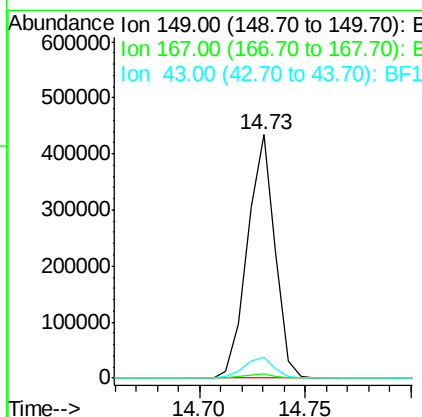
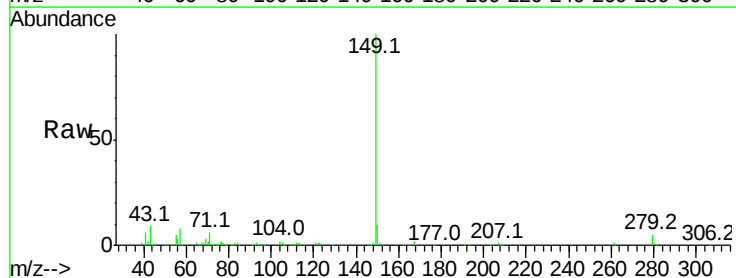
Acq: 12 Jul 2018 13:11

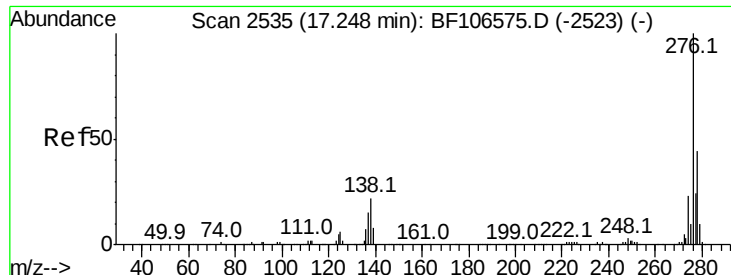
Tgt Ion:149 Resp: 391687
Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 8.8 8.4 12.6





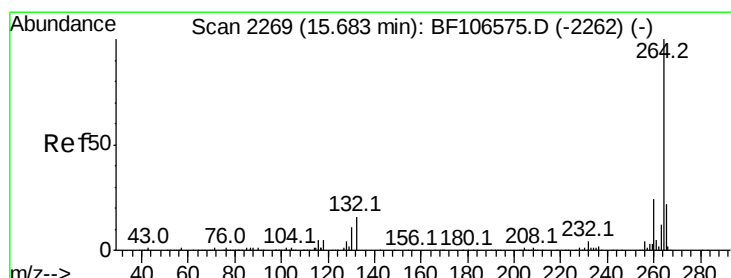
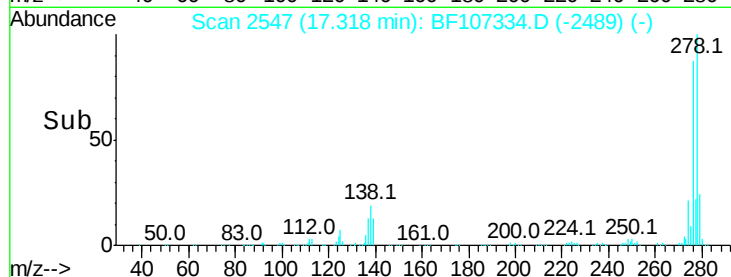
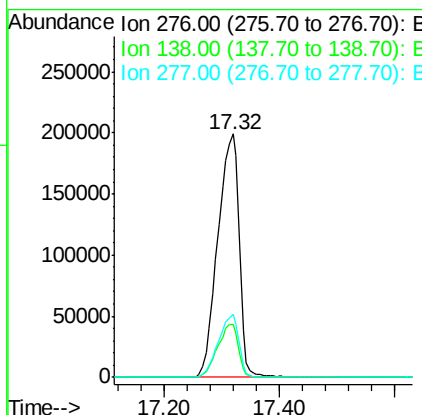
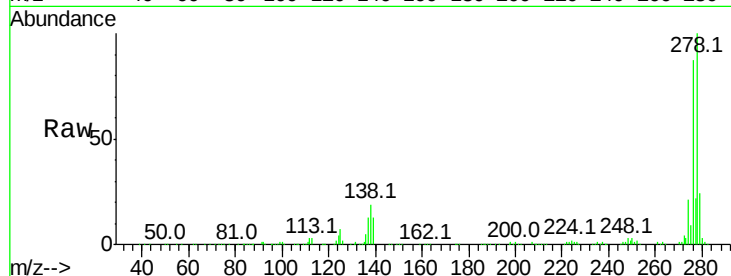
#85
Indeno(1,2,3-cd)pyrene
Concen: 64.715 ng
RT: 17.32 min Scan# 2547
Delta R.T. 0.04 min
Lab File: BF107334.D
Acq: 12 Jul 2018 13:11

Instrument :
BNA_F
ClientSampleId :
PB110905BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.1	25.0	37.6#
277	24.7	20.1	30.1

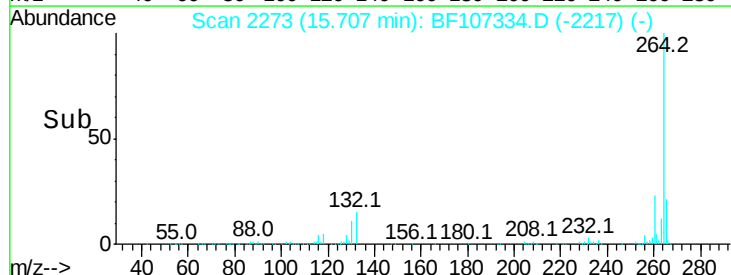
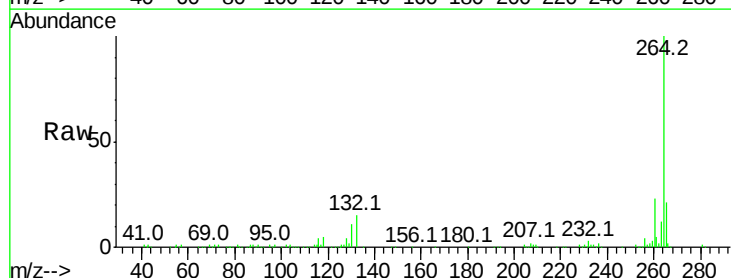
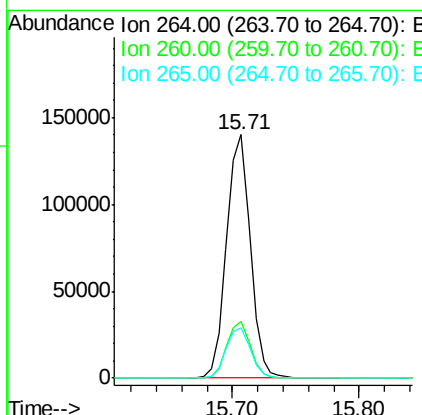
Manual Integrations
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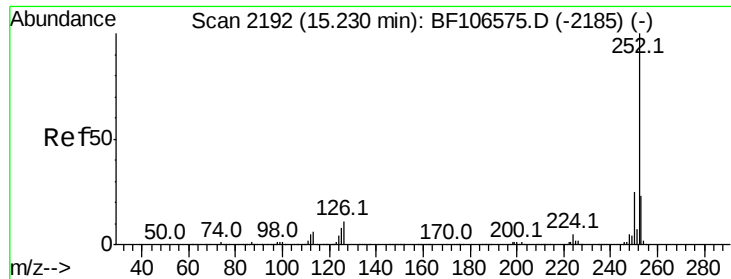
Sohil
7/13/2018 11:17:09 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2273
Delta R.T. 0.03 min
Lab File: BF107334.D
Acq: 12 Jul 2018 13:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	20.9	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 38.519 ng

RT: 15.25 min Scan# 2195

Delta R.T. 0.02 min

Lab File: BF107334.D

Acq: 12 Jul 2018 13:11

Instrument :

BNA_F

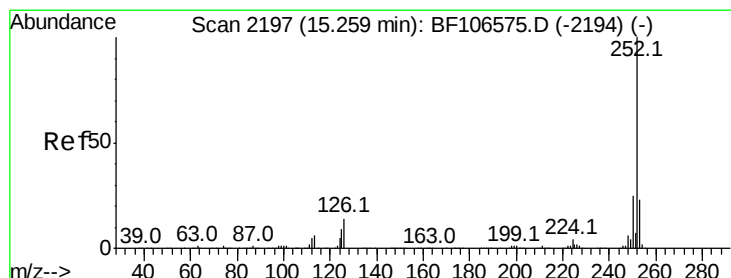
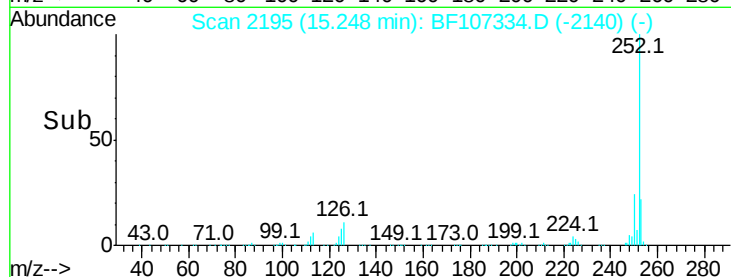
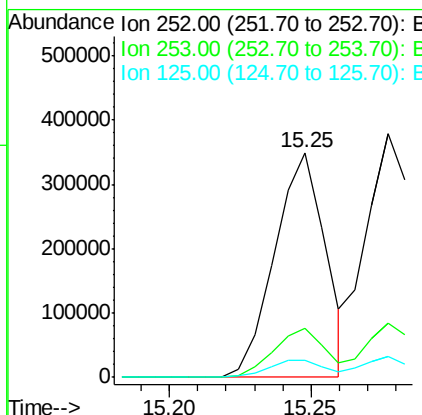
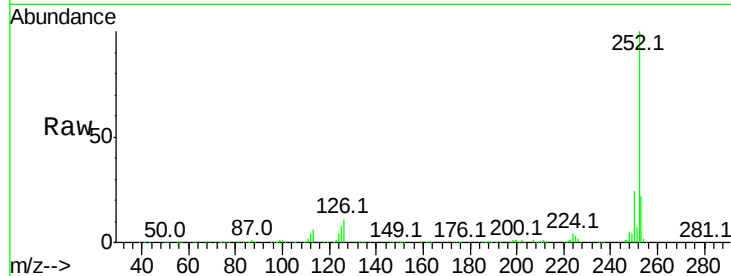
ClientSampleId :

PB110905BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	7.7	9.0	13.6

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 39.619 ng

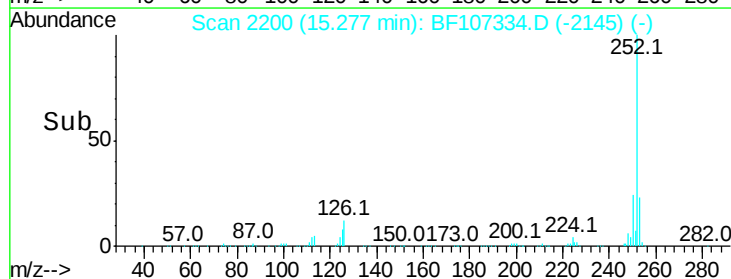
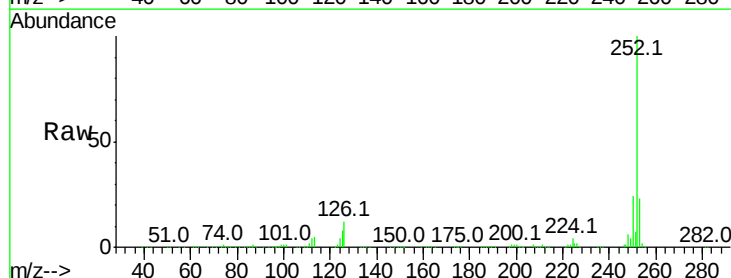
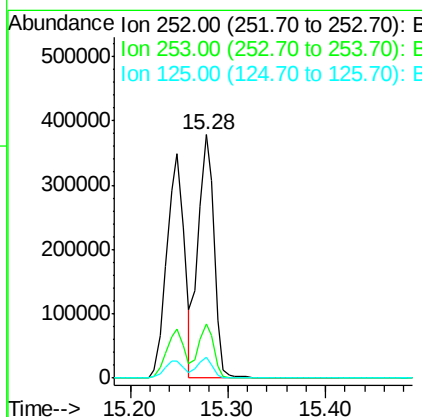
RT: 15.28 min Scan# 2200

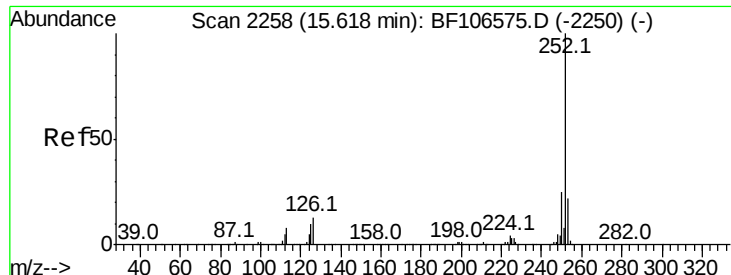
Delta R.T. 0.02 min

Lab File: BF107334.D

Acq: 12 Jul 2018 13:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	8.5	10.2	15.2





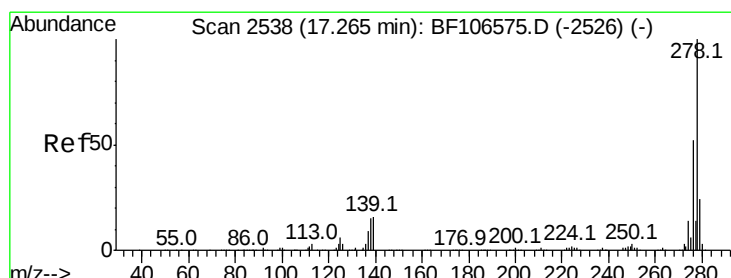
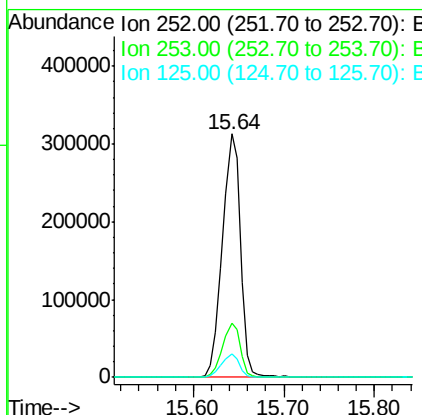
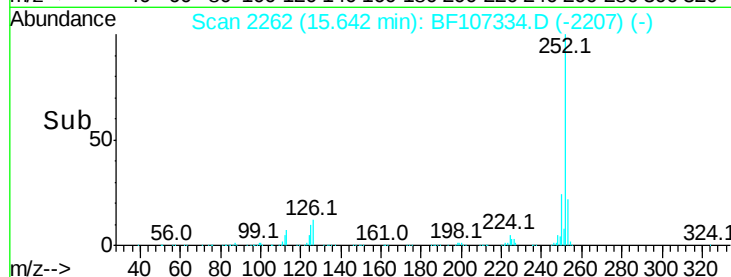
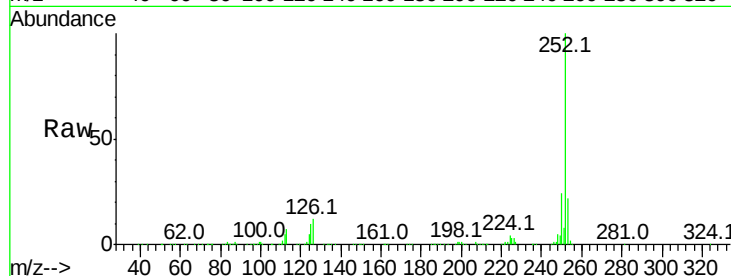
#89
Benzo(a)pyrene
Concen: 42.840 ng
RT: 15.64 min Scan# 2262
Delta R.T. 0.02 min
Lab File: BF107334.D
Acq: 12 Jul 2018 13:11

Instrument :
BNA_F
ClientSampleId :
PB110905BS

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

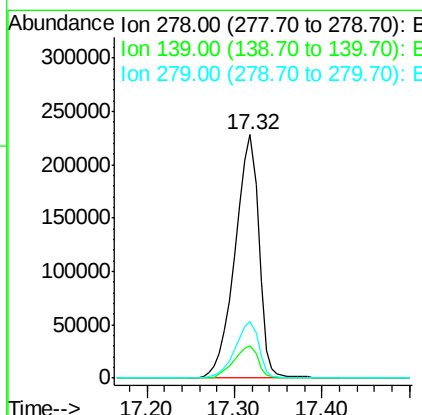
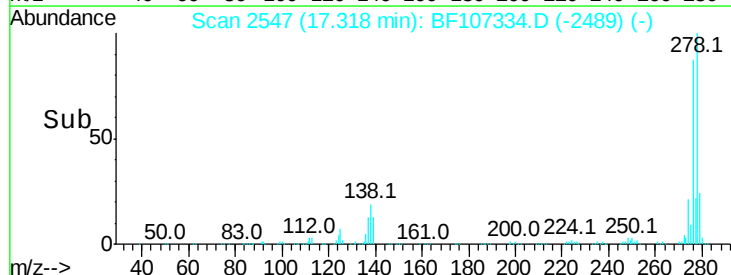
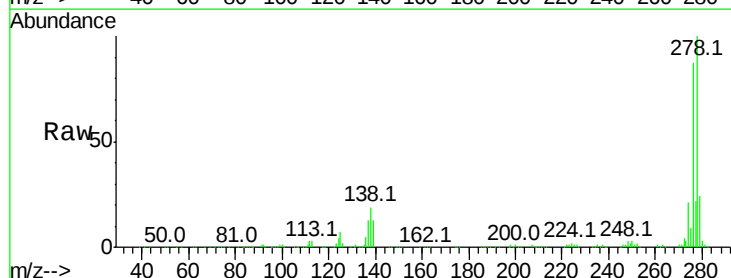
Manual Integrations
APPROVED

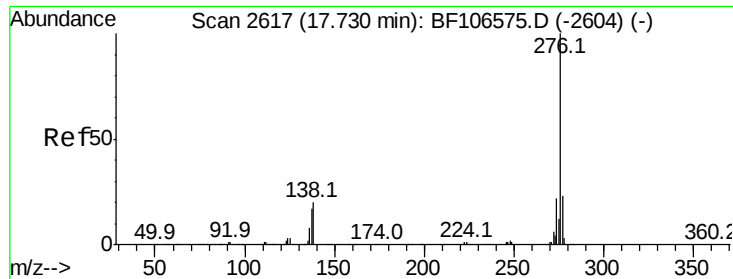
Sohil
7/13/2018 11:17:09 AM



#90
Dibenzo(a,h)anthracene
Concen: 49.383 ng
RT: 17.32 min Scan# 2547
Delta R.T. 0.04 min
Lab File: BF107334.D
Acq: 12 Jul 2018 13:11

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.1	15.9	23.9#
279	23.6	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 52.713 ng
 RT: 17.80 min Scan# 2629
 Delta R.T. 0.04 min
 Lab File: BF107334.D
 Acq: 12 Jul 2018 13:11

Instrument :
 BNA_F
 ClientSampleId :
 PB110905BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.9	26.9
138	18.3	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 7/13/2018 11:17:09 AM

