

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
 Data File : BF106415.D
 Acq On : 14 Jun 2018 2:35
 Operator : JU/SJ
 Sample : PB110157BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110157BS

Manual Integrations
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 6/14/2018 2:48:05 PM

Quant Time: Jun 14 04:16:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 13 10:51:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	143726	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	561684	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	268840	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	523159	20.00	ng	0.00
75) Chrysene-d12	14.15	240	356071	20.00	ng	-0.01
86) Perylene-d12	15.68	264	358483	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	727042	85.62	ng	-0.01
7) Phenol-d6	6.61	99	857655	79.94	ng	-0.01
23) Nitrobenzene-d5	7.53	82	845537	88.56	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	268368	103.75	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1394409	95.82	ng	0.00
78) Terphenyl-d14	13.08	244	1402787	97.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.86	88	139402	31.719	ng	95
3) Pyridine	3.62	79	429286	35.052	ng	99
4) n-Nitrosodimethylamine	3.60	42	197847	35.263	ng	# 93
6) Aniline	6.63	93	263729	16.834	ng	# 27
8) 2-Chlorophenol	6.77	128	385650	42.230	ng	98
9) Benzaldehyde	6.52	77	263326	32.358	ng	99
10) Phenol	6.62	94	494011	42.178	ng	81
11) bis(2-Chloroethyl)ether	6.70	93	399123	39.806	ng	98
12) 1,3-Dichlorobenzene	6.91	146	432299	40.221	ng	99
13) 1,4-Dichlorobenzene	6.98	146	435504	39.929	ng	99
14) 1,2-Dichlorobenzene	7.14	146	404883	39.434	ng	99
15) Benzyl Alcohol	7.11	79	358477	39.016	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.24	45	582051	40.496	ng	# 28
17) 2-Methylphenol	7.23	107	328547	40.324	ng	# 88
18) Hexachloroethane	7.48	117	152413	39.218	ng	97
19) n-Nitroso-di-n-propylamine	7.38	70	279445	34.718	ng	96
20) 3+4-Methylphenols	7.38	107	441435	42.367	ng	98
22) Acetophenone	7.37	105	541864	38.281	ng	99
24) Nitrobenzene	7.55	77	439353	42.337	ng	100
25) Isophorone	7.79	82	795865	42.676	ng	100
26) 2-Nitrophenol	7.87	139	214598	53.276	ng	97
27) 2,4-Dimethylphenol	7.91	122	355836	45.071	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	506174	41.859	ng	99
29) 2,4-Dichlorophenol	8.12	162	348655	45.776	ng	98
30) 1,2,4-Trichlorobenzene	8.19	180	354270	41.483	ng	96
31) Naphthalene	8.27	128	1065186	41.951	ng	98
32) Benzoic acid	8.03	122	229795	40.759	ng	91
33) 4-Chloroaniline	8.32	127	114606	10.185	ng	97
34) Hexachlorobutadiene	8.38	225	230348	41.984	ng	98
35) Caprolactam	8.69	113	119230m	46.280	ng	
36) 4-Chloro-3-methylphenol	8.82	107	367593	43.630	ng	96
37) 2-Methylnaphthalene	8.97	142	744064	43.025	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	380261	43.571	ng	96
40) Hexachlorocyclopentadiene	9.11	237	238831	49.600	ng	99

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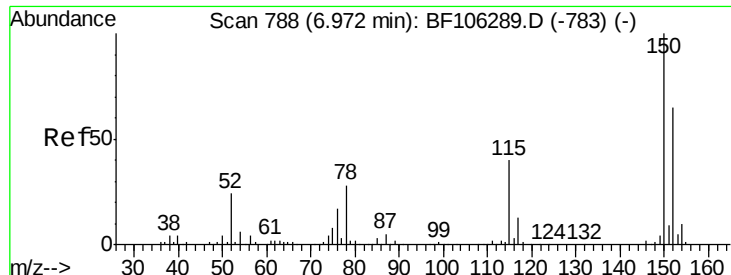
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	265502	47.738	nq	98
43) 2,4,5-Trichlorophenol	9.30	196	280976	46.863	nq	94
45) 1,1'-Biphenyl	9.43	154	876689	42.102	nq	99
46) 2-Chloronaphthalene	9.45	162	711037	42.669	nq	99
47) 2-Nitroaniline	9.55	65	252560	48.179	nq	92
48) Acenaphthylene	9.87	152	1119795	43.903	nq	98
49) Dimethylphthalate	9.72	163	876050	45.611	nq	98
50) 2,6-Dinitrotoluene	9.80	165	194131	49.481	nq	89
51) Acenaphthene	10.05	154	718154	43.598	nq	99
52) 3-Nitroaniline	9.96	138	99453	21.357	nq	92
53) 2,4-Dinitrophenol	10.07	184	147620	81.741	nq #	16
54) Dibenzofuran	10.22	168	957362	43.161	nq	96
55) 4-Nitrophenol	10.15	139	284935	79.830	nq	95
56) 2,4-Dinitrotoluene	10.20	165	265602	53.909	nq #	98
57) Fluorene	10.56	166	754772	42.948	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	241015	50.717	nq #	83
59) Diethylphthalate	10.42	149	825632	43.308	nq	94
60) 4-Chlorophenyl-phenylether	10.55	204	393722	42.595	nq	91
61) 4-Nitroaniline	10.58	138	189400	41.805	nq	99
62) Azobenzene	10.71	77	848113	42.665	nq	96
64) 4,6-Dinitro-2-methylphenol	10.61	198	114162	41.442	nq	75
65) n-Nitrosodiphenylamine	10.67	169	727300	41.365	nq	96
66) 4-Bromophenyl-phenylether	11.04	248	277120	46.572	nq #	81
67) Hexachlorobenzene	11.11	284	278868	45.459	nq #	85
68) Atrazine	11.20	200	253234	46.736	nq	95
69) Pentachlorophenol	11.31	266	245870	65.100	nq	97
70) Phenanthrene	11.53	178	1084308	42.321	nq	98
71) Anthracene	11.58	178	1111524	43.304	nq	97
72) Carbazole	11.74	167	987229	41.661	nq	98
73) Di-n-butylphthalate	12.05	149	1225148	46.454	nq	99
74) Fluoranthene	12.72	202	1068626	39.110	nq	96
76) Benzidine	12.84	184	526968	44.468	nq	98
77) Pyrene	12.95	202	1033208	46.348	nq	97
79) Butylbenzylphthalate	13.55	149	476850	57.145	nq	96
80) Benzo(a)anthracene	14.14	228	949648	44.817	nq	99
81) 3,3'-Dichlorobenzidine	14.09	252	227407	31.808	nq #	96
82) Chrysene	14.18	228	881656	45.573	nq	99
83) Bis(2-ethylhexyl)phthalate	14.11	149	653672	54.634	nq	99
84) Di-n-octyl phthalate	14.74	149	977159	56.651	nq	99
85) Indeno(1,2,3-cd)pyrene	17.24	276	780632	50.560	nq #	93
87) Benzo(b)fluoranthene	15.22	252	925929	42.729	nq	97
88) Benzo(k)fluoranthene	15.25	252	922750	42.996	nq #	97
89) Benzo(a)pyrene	15.61	252	892534	45.792	nq	97
90) Dibenzo(a,h)anthracene	17.26	278	668604	41.145	nq #	95
91) Benzo(g,h,i)perylene	17.72	276	601069	38.062	nq #	93

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



#1

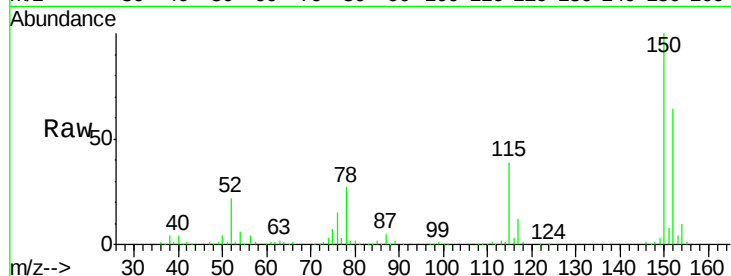
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF106415.D
Acq: 14 Jun 2018 2:35

Instrument :
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PB110157BS

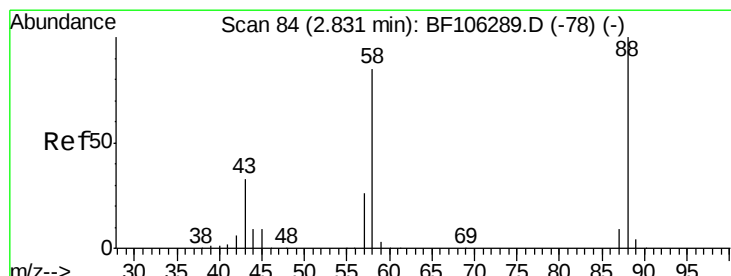
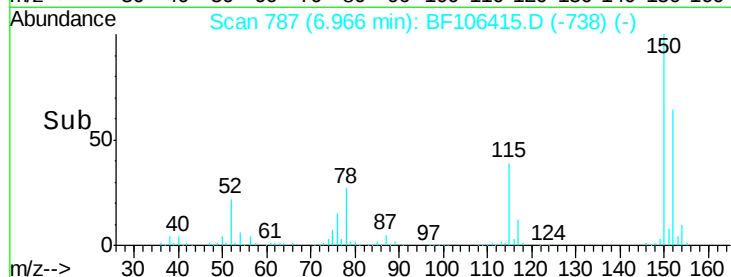
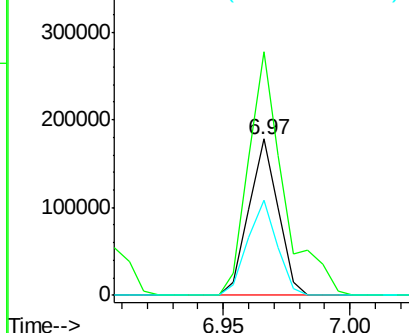
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.6	186.8
115	60.9	50.1	75.1

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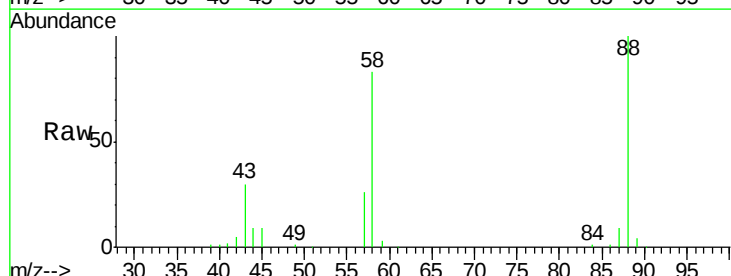
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



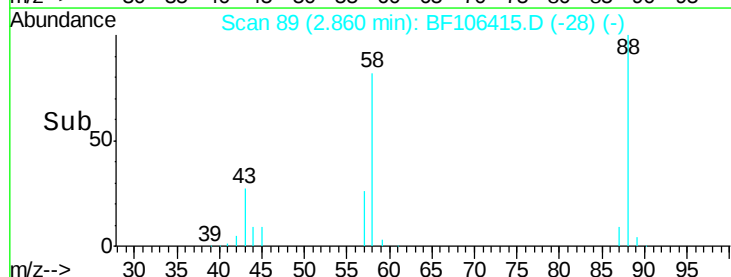
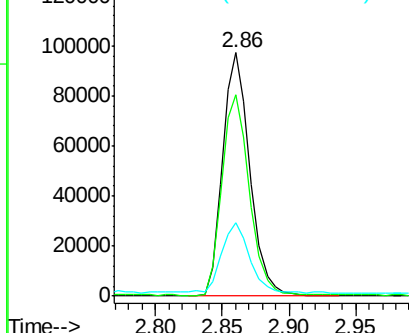
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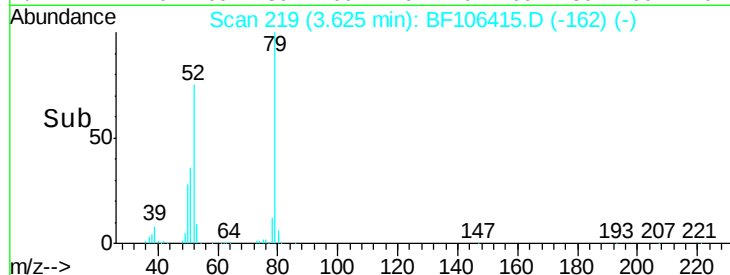
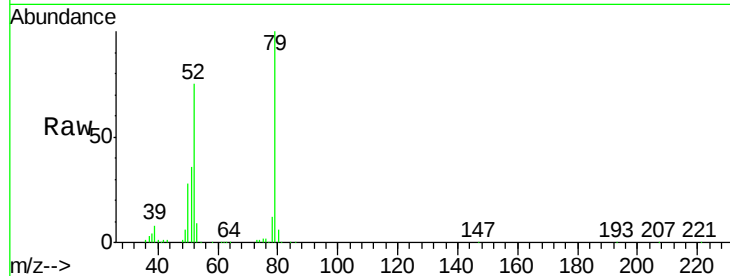
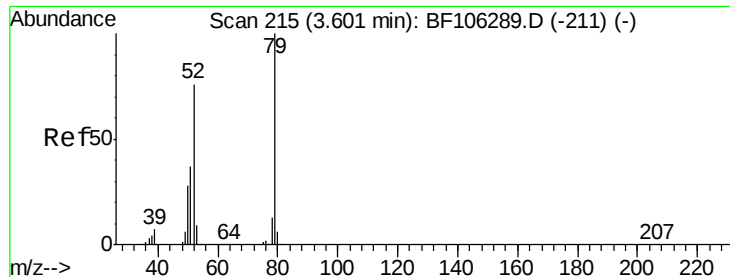
1,4-Dioxane
Concen: 31.719 ng
RT: 2.86 min Scan# 89
Delta R.T. 0.06 min
Lab File: BF106415.D
Acq: 14 Jun 2018 2:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.5	62.6	93.8
43	29.4	24.6	37.0



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





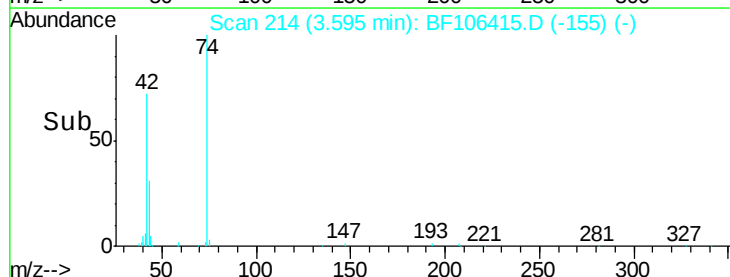
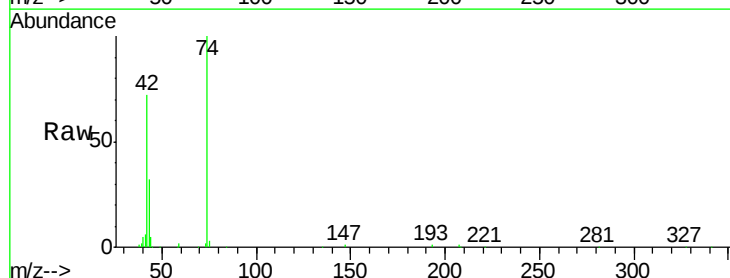
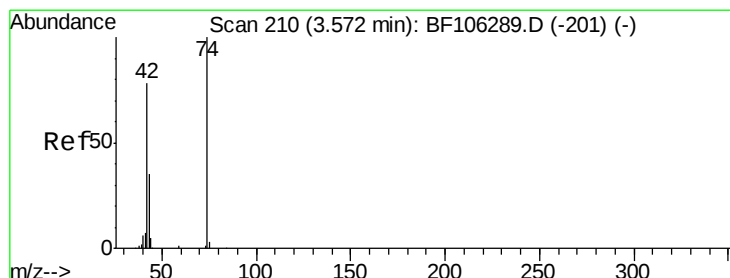
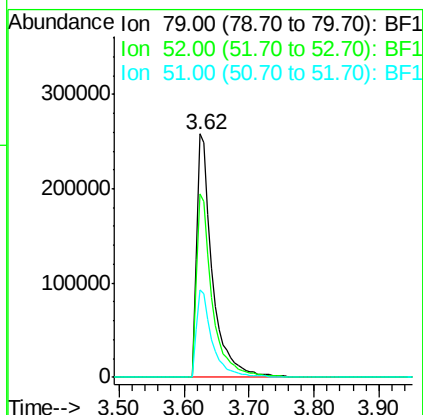
#3
 Pvridine
 Concen: 35.052 ng
 RT: 3.62 min Scan# 219
 Delta R.T. 0.04 min
 Lab File: BF106415.D
 Acq: 14 Jun 2018 2:35

Tot Ion	Ratio	Lower	Upper
79	100		
52	75.3	59.8	89.6
51	36.0	29.8	44.8

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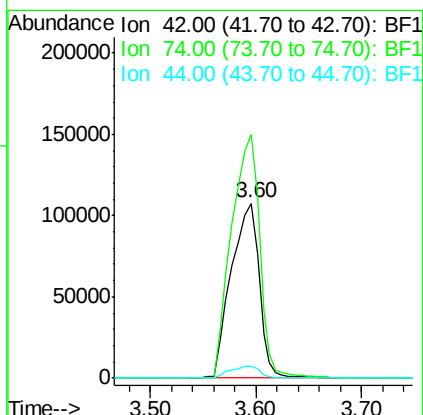
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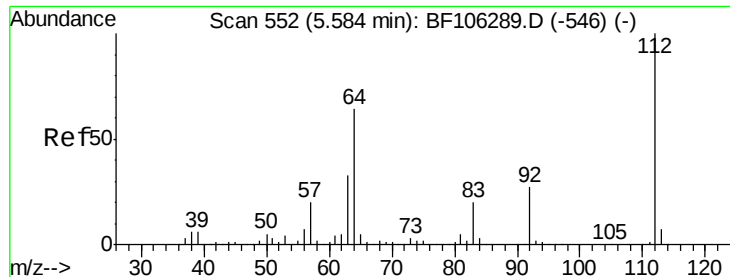
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#4
 n-Nitrosodimethylamine
 Concen: 35.263 ng
 RT: 3.60 min Scan# 214
 Delta R.T. 0.05 min
 Lab File: BF106415.D
 Acq: 14 Jun 2018 2:35

Tgt Ion	Ratio	Lower	Upper
42	100		
74	139.4	104.9	157.3
44	6.8	6.9	10.3#





#5

2-Fluorophenol

Concen: 85.616 ng

RT: 5.61 min Scan# 557

Delta R.T. -0.01 min

Lab File: BF106415.D

Acq: 14 Jun 2018 2:35

Instrument :

BNA_F

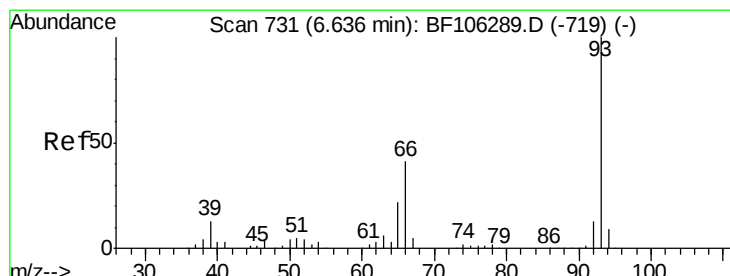
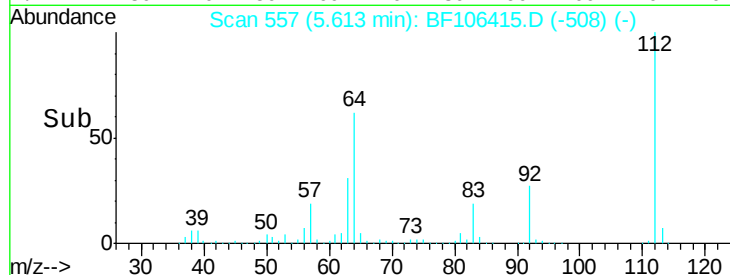
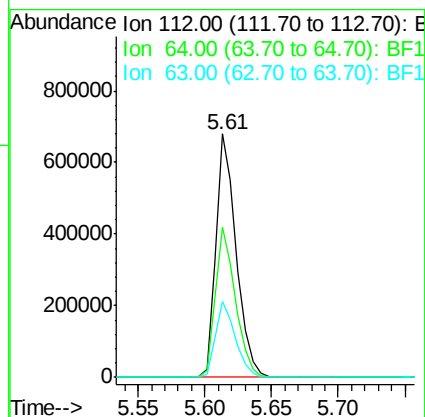
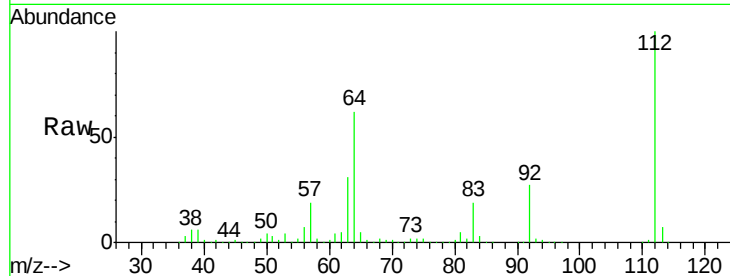
ClientSampleId :

PB110157BS

Tot Ion:	112	Resp:	727042
Ion Ratio	Lower	Upper	
112	100		
64	61.5	47.9	71.9
63	31.2	23.7	35.5

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#6

Aniline

Concen: 16.834 ng

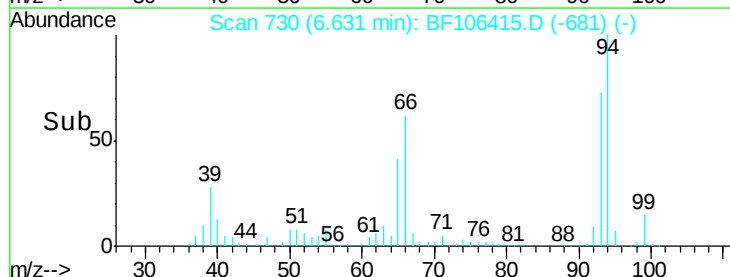
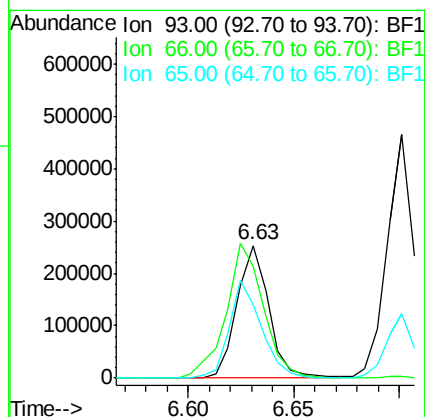
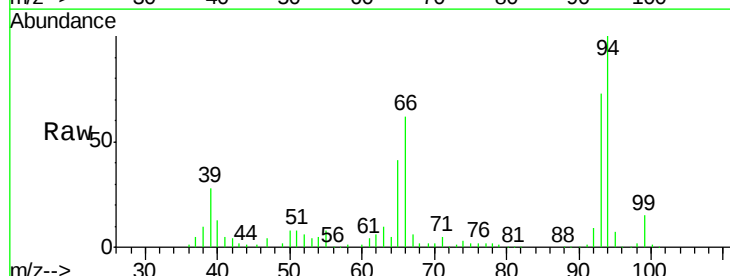
RT: 6.63 min Scan# 730

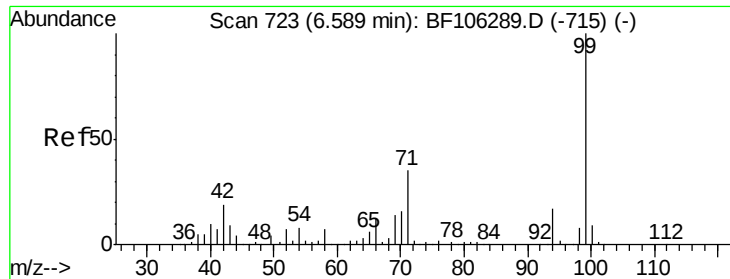
Delta R.T. -0.01 min

Lab File: BF106415.D

Acq: 14 Jun 2018 2:35

Tgt Ion:	93	Resp:	263729
Ion Ratio	Lower	Upper	
93	100		
66	84.6	32.2	48.2#
65	55.5	16.4	24.6#





#7

Phenol-d6

Concen: 79.940 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF106415.D

Acq: 14 Jun 2018 2:35

Instrument :

BNA_F

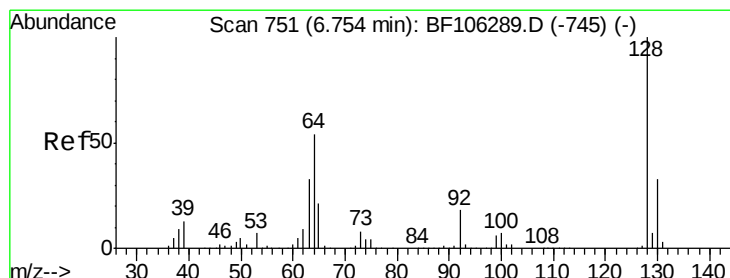
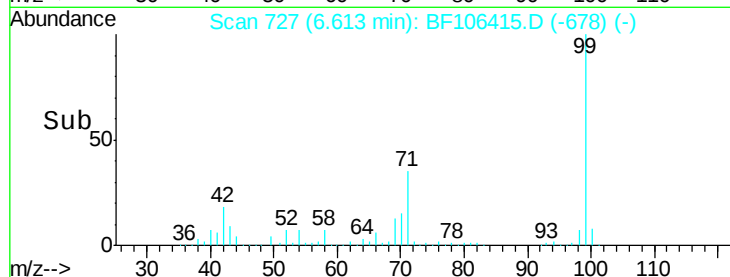
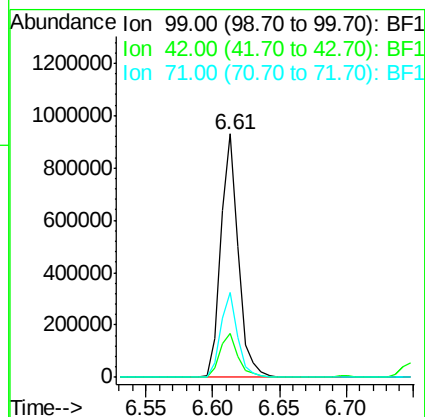
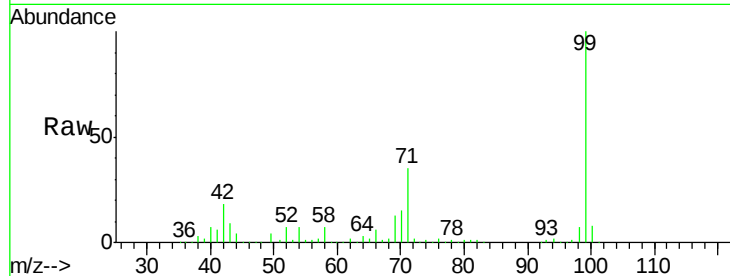
ClientSampleId :

PB110157BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		857655		
42	17.8	14.5	21.7		
71	34.6	25.4	38.0		

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#8

2-Chlorophenol

Concen: 42.230 ng

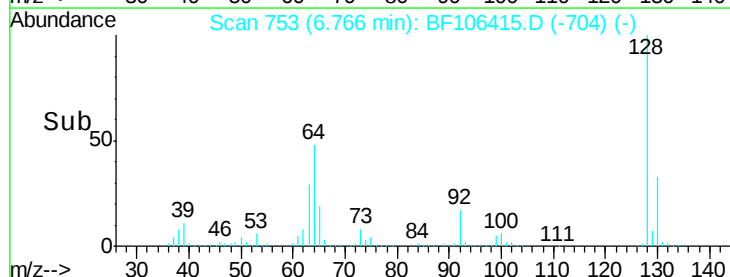
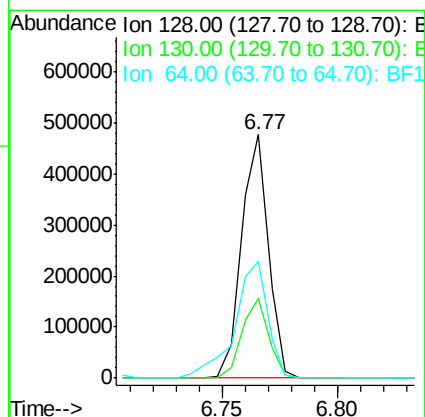
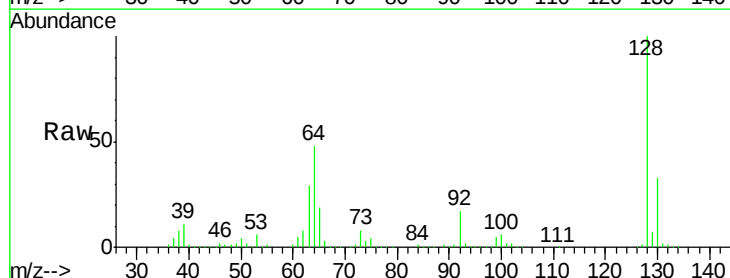
RT: 6.77 min Scan# 753

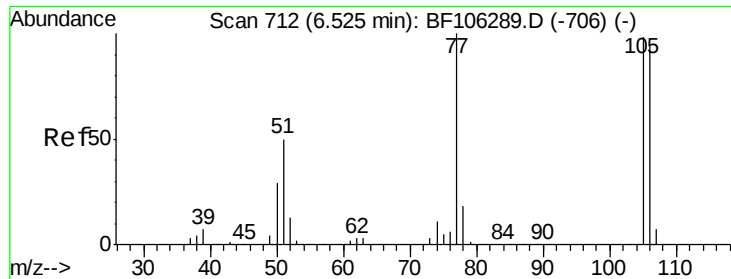
Delta R.T. -0.01 min

Lab File: BF106415.D

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		385650		
130	32.7	13.0	53.0		
64	47.8	29.4	69.4		





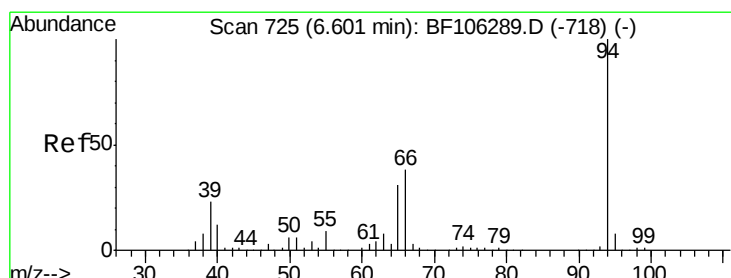
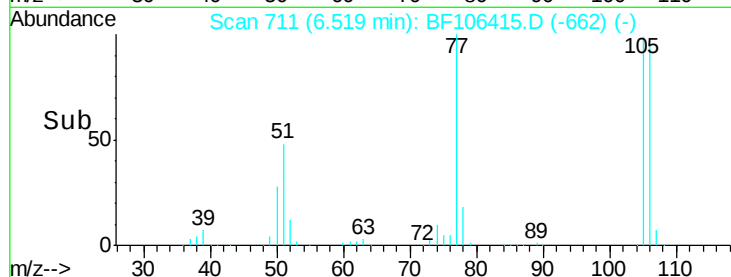
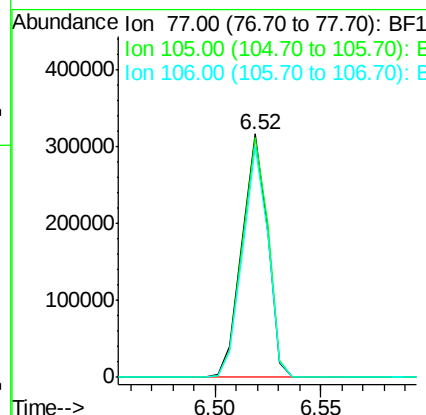
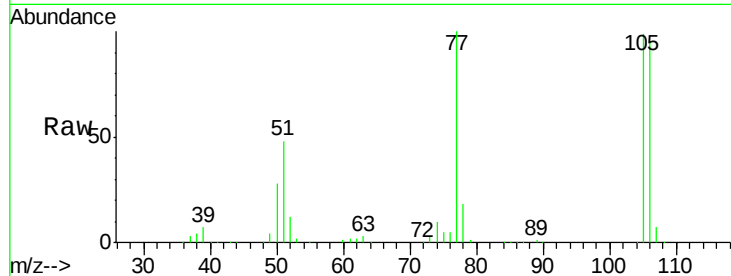
#9
Benzaldehyde
Concen: 32.358 ng
RT: 6.52 min Scan# 711
Delta R.T. -0.01 min
Lab File: BF106415.D
Acq: 14 Jun 2018 2:35

Instrument :
BNA_F
ClientSampleId :
PB110157BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	98.7	81.1	121.1
106	94.8	74.5	114.5

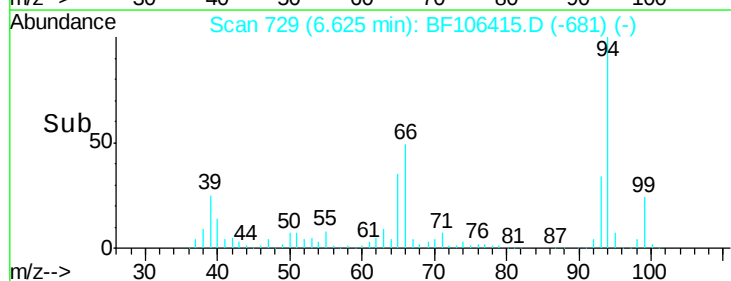
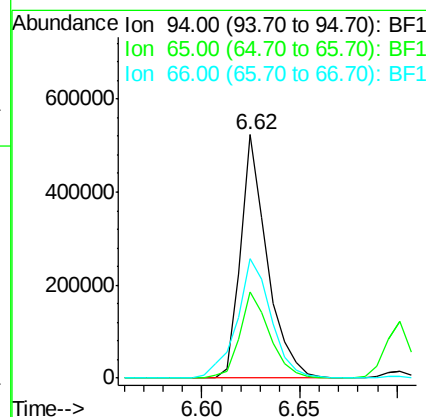
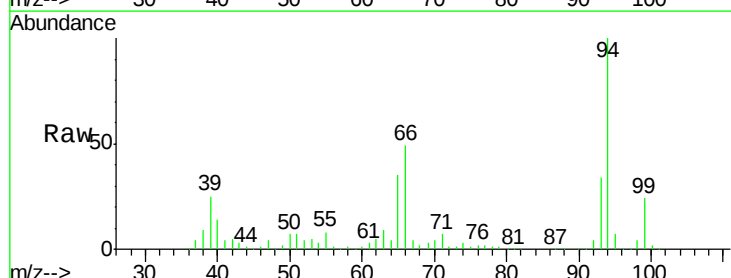
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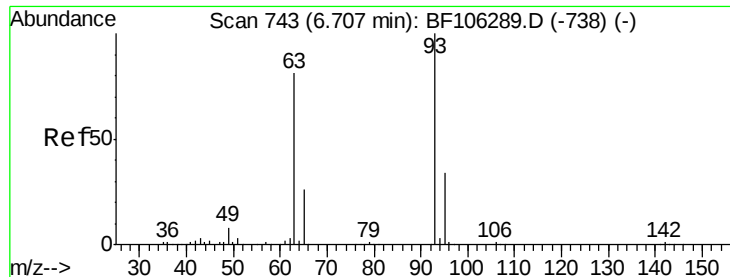
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#10
Phenol
Concen: 42.178 ng
RT: 6.62 min Scan# 729
Delta R.T. -0.02 min
Lab File: BF106415.D
Acq: 14 Jun 2018 2:35

Tgt Ion	Ratio	Lower	Upper
94	100		
65	35.5	7.9	47.9
66	49.2	16.2	56.2





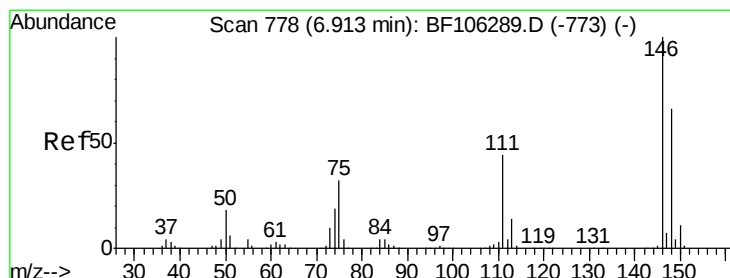
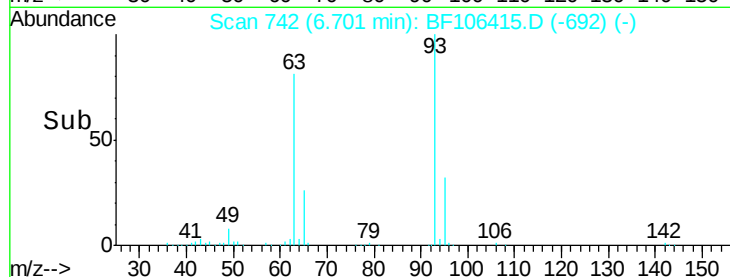
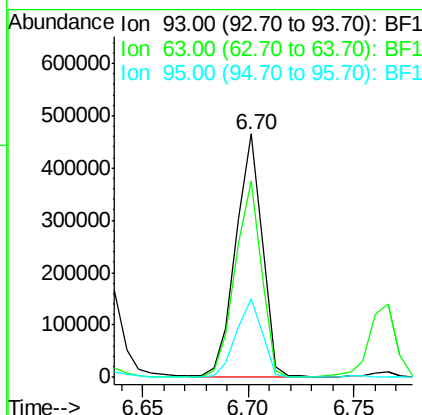
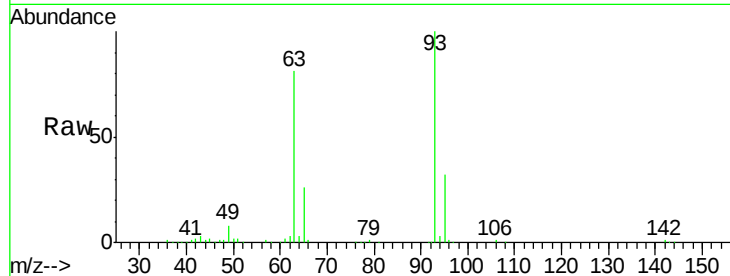
#11
bis(2-Chloroethyl)ether
Concen: 39.806 ng
RT: 6.70 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF106415.D
Acq: 14 Jun 2018 2:35

Instrument :
BNA_F
ClientSampleId :
PB110157BS

Tot Ion:	93	Resp:	399123
Ion Ratio	Lower	Upper	
93	100		
63	80.7	58.6	98.6
95	32.4	11.8	51.8

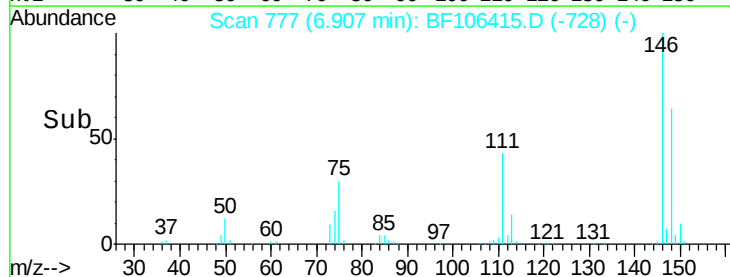
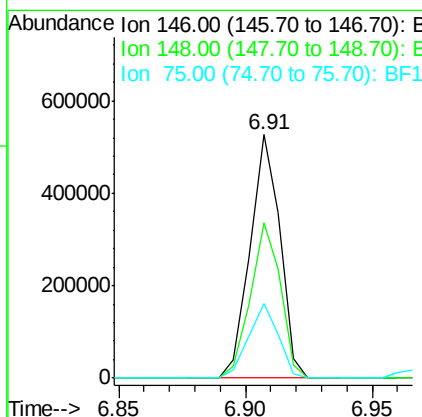
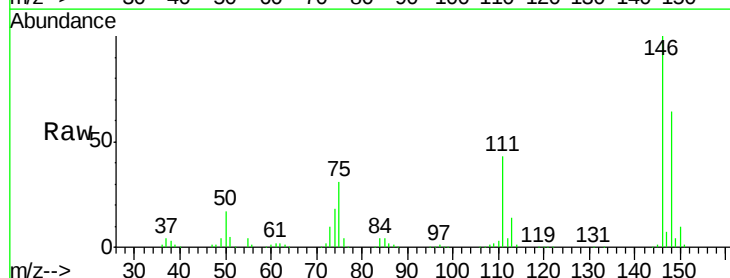
Manual Integrations
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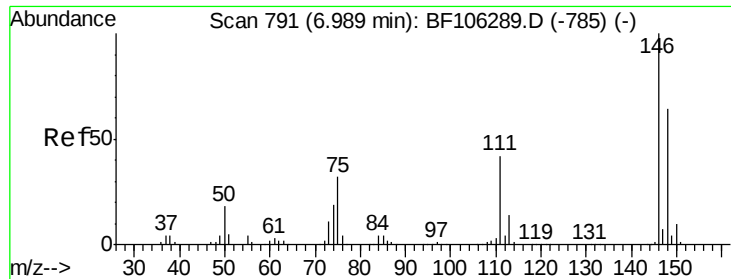
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#12
1,3-Dichlorobenzene
Concen: 40.221 ng
RT: 6.91 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF106415.D
Acq: 14 Jun 2018 2:35

Tgt Ion:	146	Resp:	432299
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.8	77.8
75	30.7	24.2	36.4





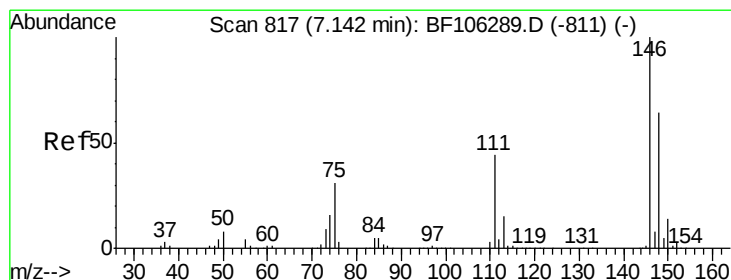
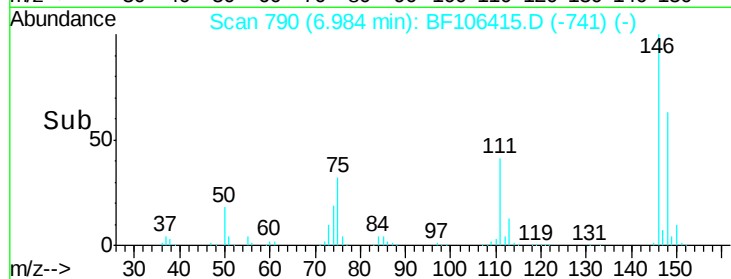
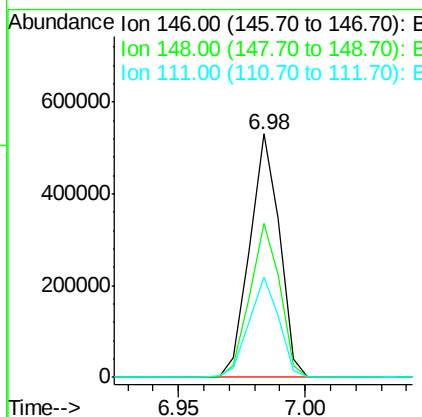
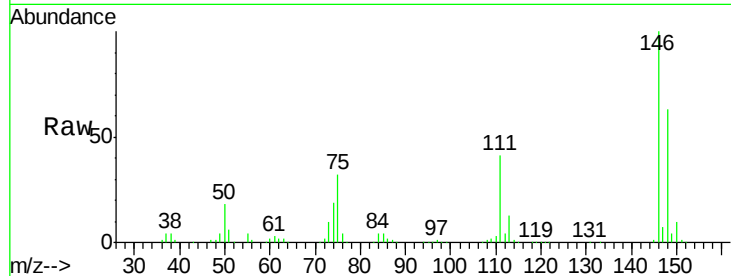
#13
1,4-Dichlorobenzene
Concen: 39.929 ng
RT: 6.98 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF106415.D
Acq: 14 Jun 2018 2:35

Instrument :
BNA_F
ClientSampleId :
PB110157BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.8	76.2
111	41.3	34.2	51.2

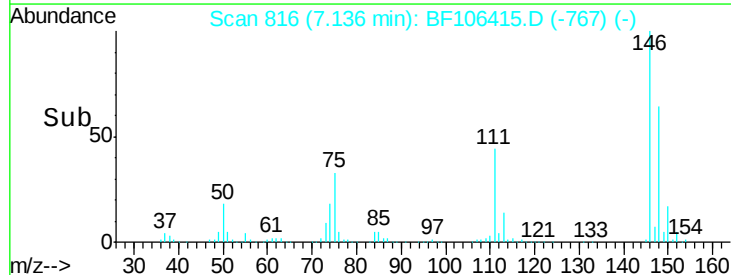
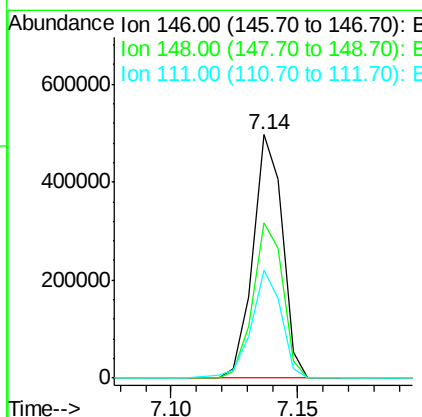
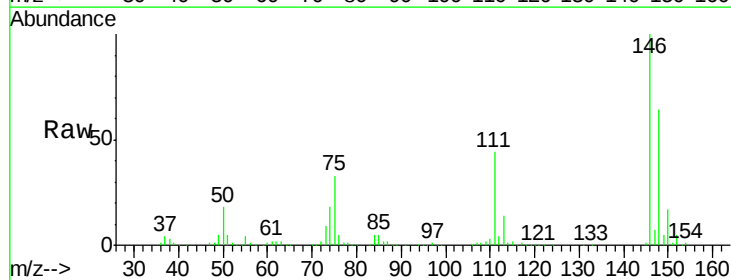
Manual Integrations
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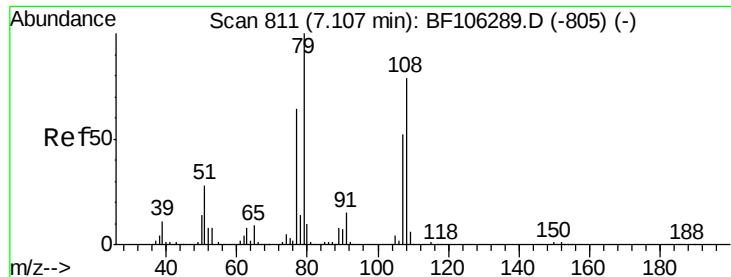
Sohil
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#14
1,2-Dichlorobenzene
Concen: 39.434 ng
RT: 7.14 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF106415.D
Acq: 14 Jun 2018 2:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.6	75.8
111	44.2	36.0	54.0





#15

Benzyl Alcohol

Concen: 39.016 ng

RT: 7.11 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF106415.D

Acq: 14 Jun 2018 2:35

Instrument :

BNA_F

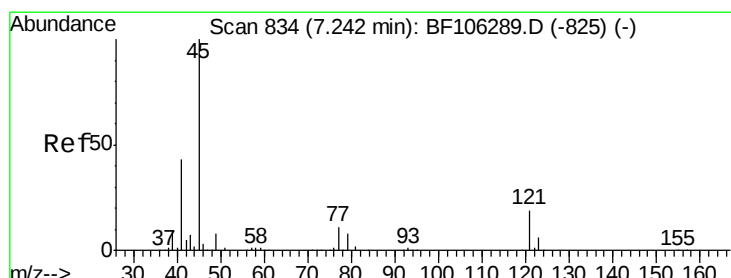
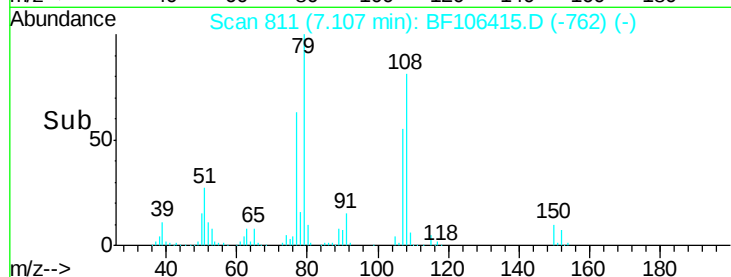
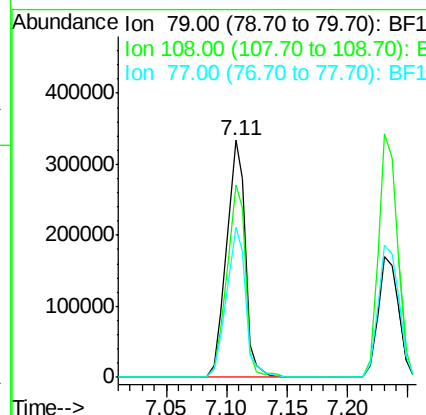
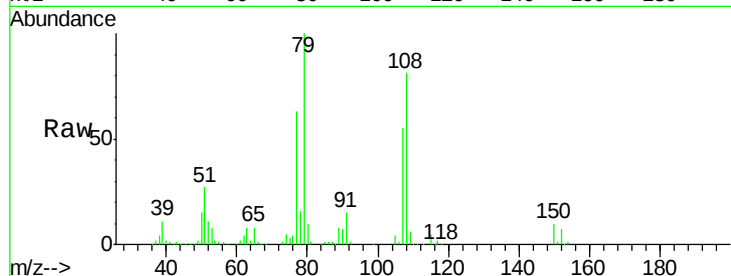
ClientSampled :

PB110157BS

Tot Ion:	79	Resp:	358477
Ion Ratio	Lower	Upper	
79	100		
108	81.1	65.1	97.7
77	63.4	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.496 ng

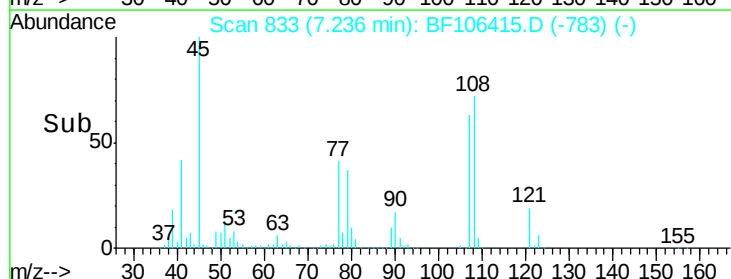
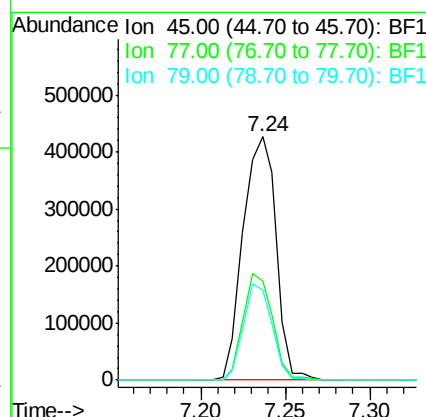
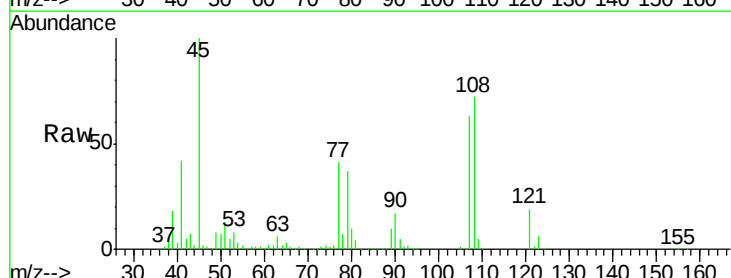
RT: 7.24 min Scan# 833

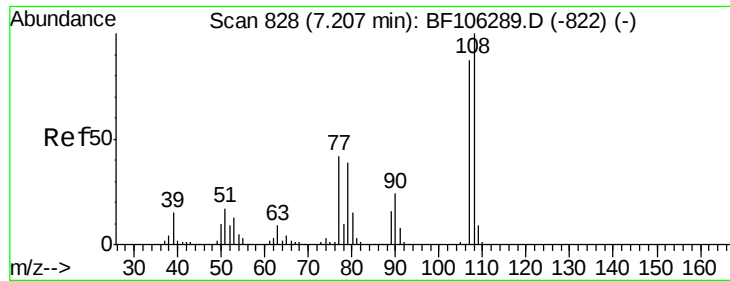
Delta R.T. -0.01 min

Lab File: BF106415.D

Acq: 14 Jun 2018 2:35

Tgt Ion:	45	Resp:	582051
Ion Ratio	Lower	Upper	
45	100		
77	40.6	0.0	32.9#
79	36.8	0.0	29.6#





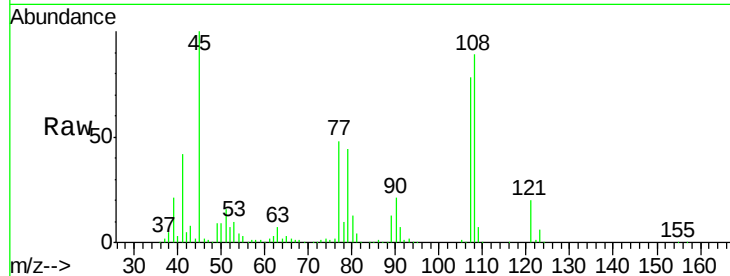
#17
2-Methylphenol
Concen: 40.324 ng
RT: 7.23 min Scan# 832
Delta R.T. -0.02 min
Lab File: BF106415.D
Acq: 14 Jun 2018 2:35

Instrument :
BNA_F
ClientSampleId :
PB110157BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.2	91.7	137.5	
77	62.2	33.8	50.8#	
79	56.6	33.8	50.8#	

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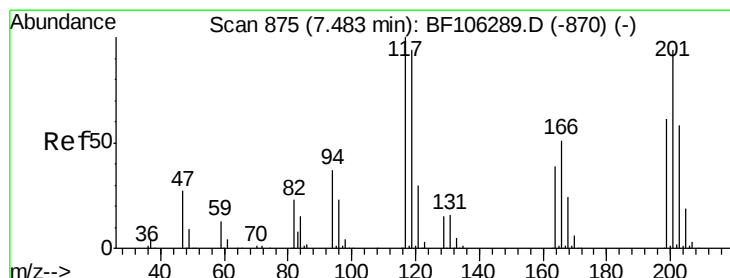
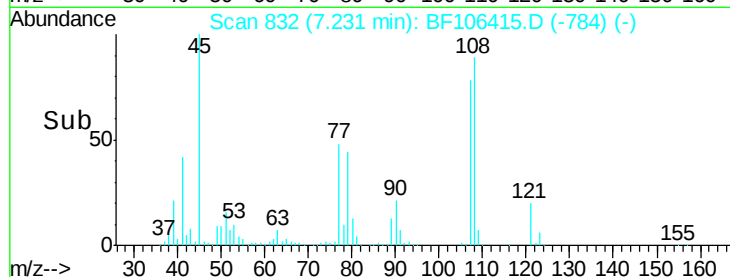
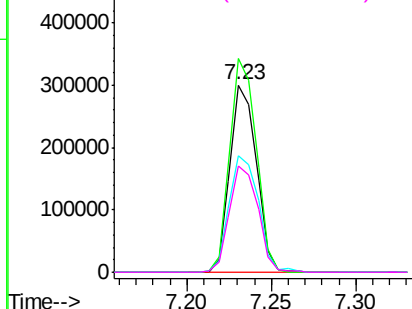
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

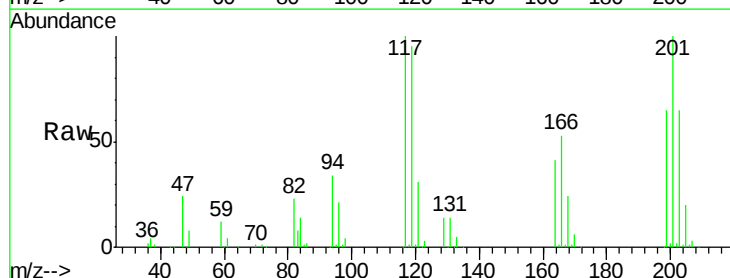
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 39.218 ng
RT: 7.48 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF106415.D
Acq: 14 Jun 2018 2:35

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.0	75.8	113.8	
201	100.2	75.7	113.5	

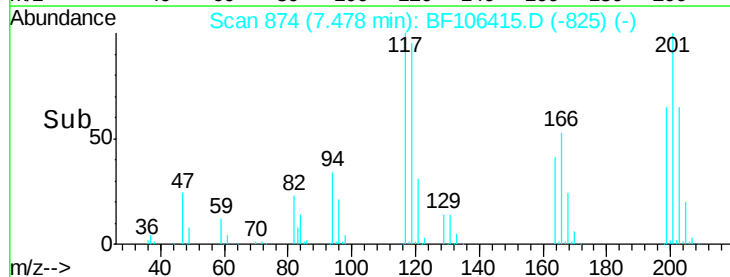
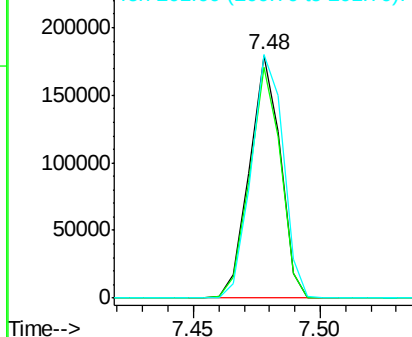


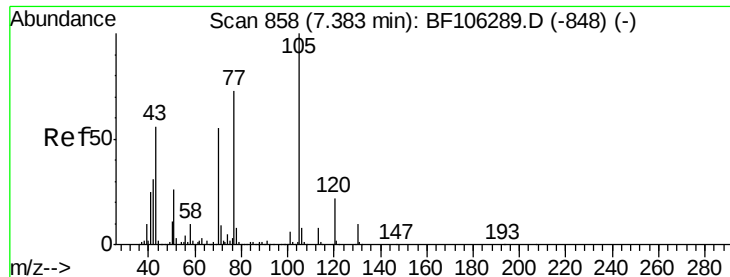
Abundance

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





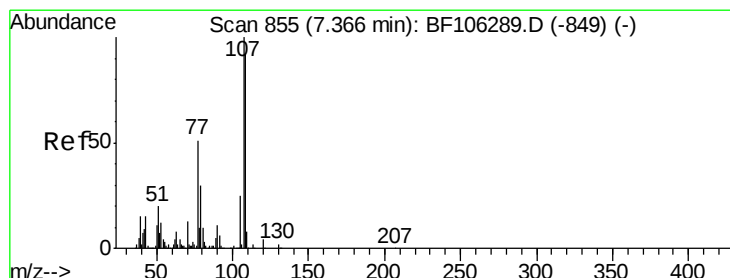
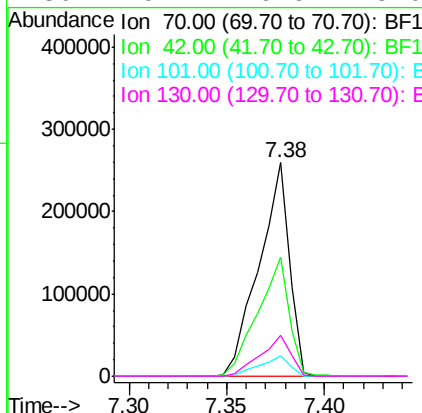
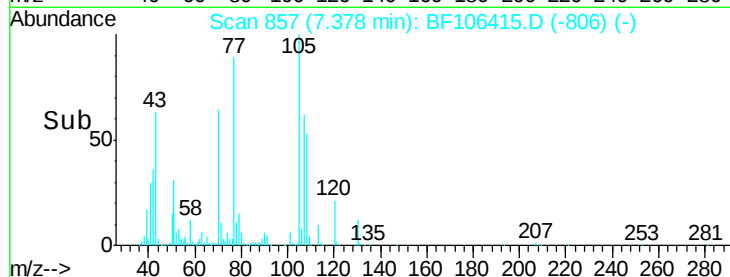
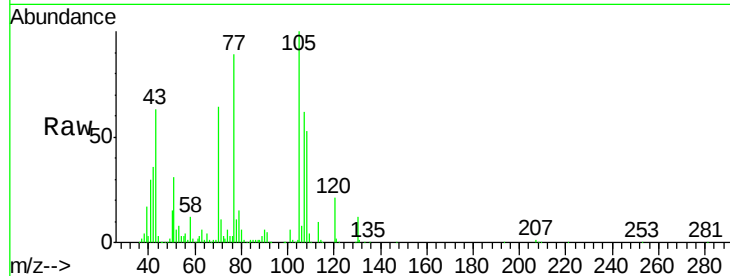
#19
n-Nitroso-di-n-propylamine
Concen: 34.718 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF106415.D
Acq: 14 Jun 2018 2:35

Instrument :
BNA_F
ClientSampleId :
PB110157BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	56.0	47.5	71.3
101	9.8	7.4	11.2
130	19.2	16.6	25.0

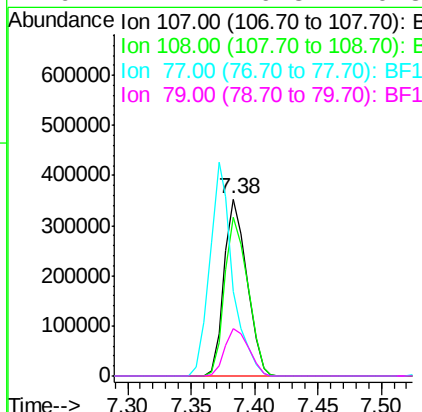
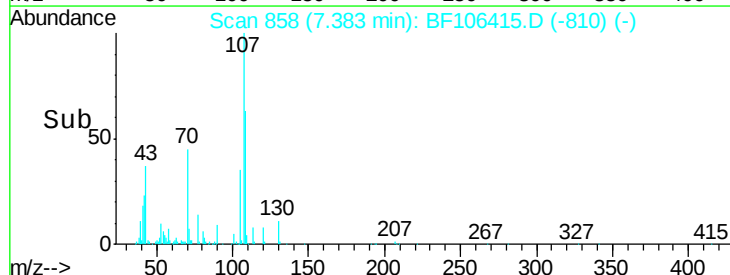
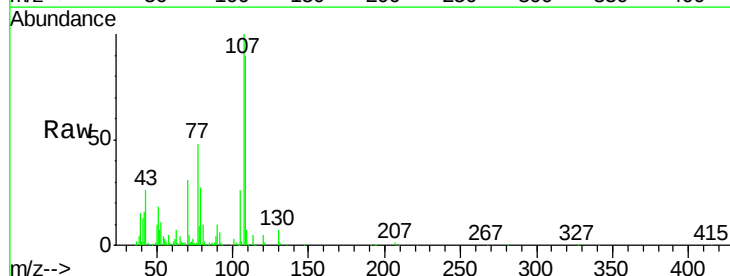
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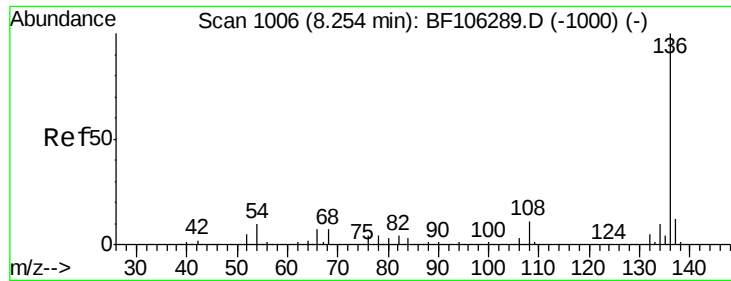
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#20
3+4-Methylphenols
Concen: 42.367 ng
RT: 7.38 min Scan# 858
Delta R.T. -0.02 min
Lab File: BF106415.D
Acq: 14 Jun 2018 2:35

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.1	68.2	108.2
77	47.8	26.7	66.7
79	27.1	6.3	46.3





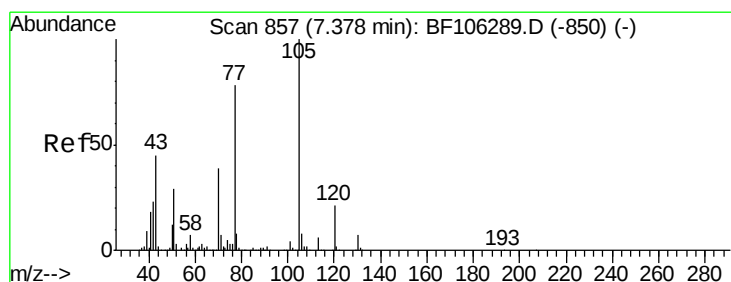
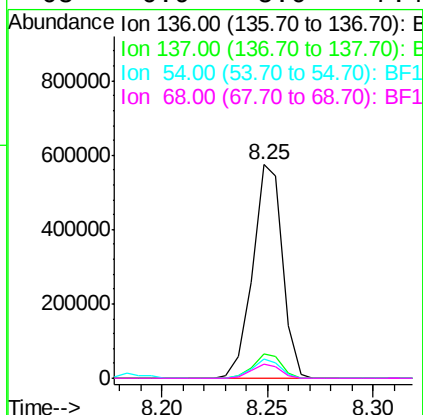
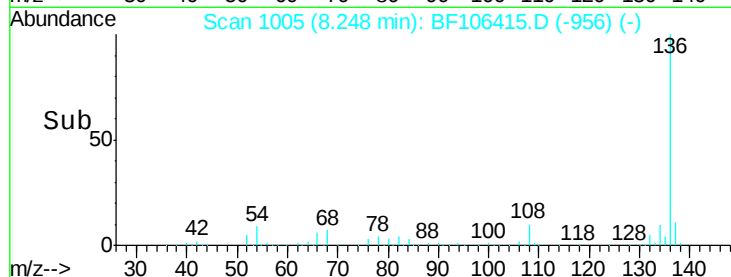
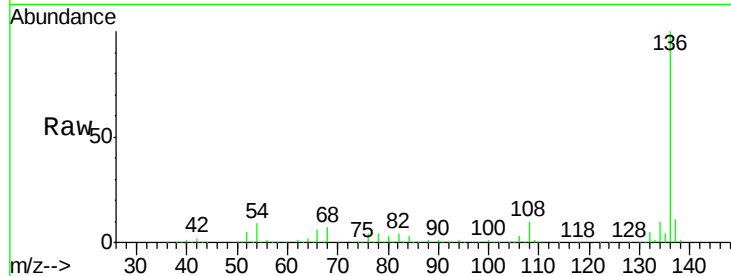
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF106415.D
Acq: 14 Jun 2018 2:35

Instrument :
BNA_F
ClientSampleId :
PB110157BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.3		8.9	13.3	
54	9.3		6.6	9.8	
68	6.9		5.0	7.4	

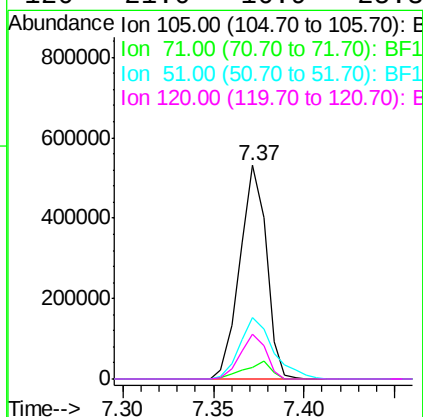
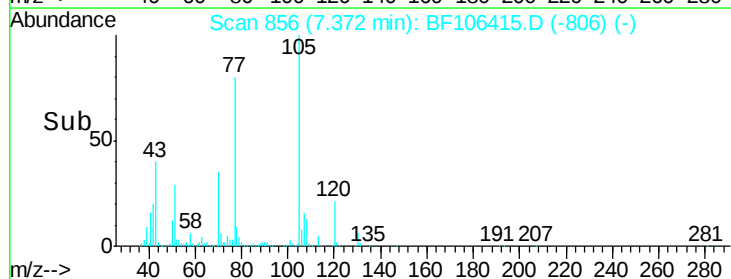
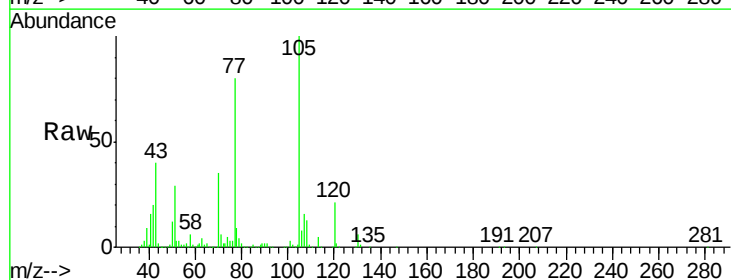
Manual Integrations
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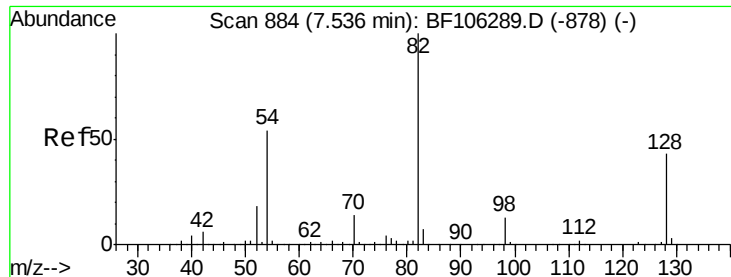
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#22
Acetophenone
Concen: 38.281 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF106415.D
Acq: 14 Jun 2018 2:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	5.7		4.4	6.6	
51	28.9		22.3	33.5	
120	21.0		16.9	25.3	





#23

Nitrobenzene-d5

Concen: 88.558 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF106415.D

Acq: 14 Jun 2018 2:35

Instrument :

BNA_F

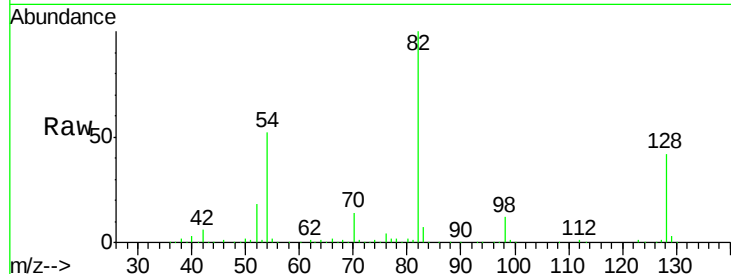
ClientSampleId :

PB110157BS

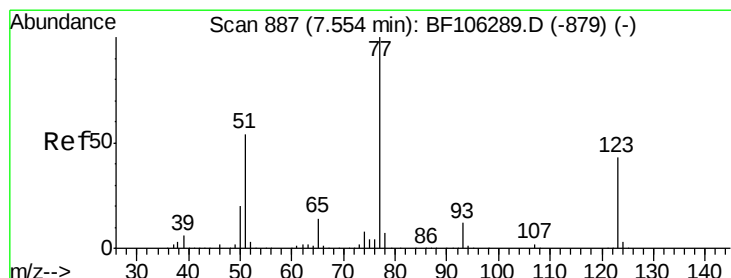
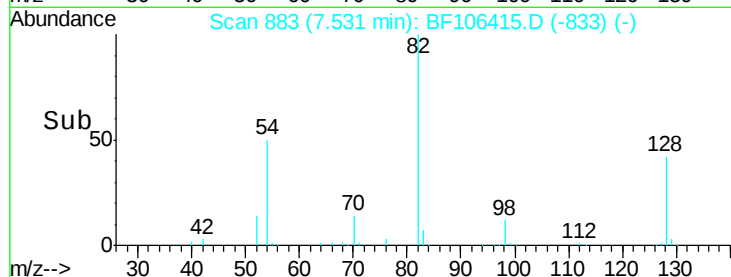
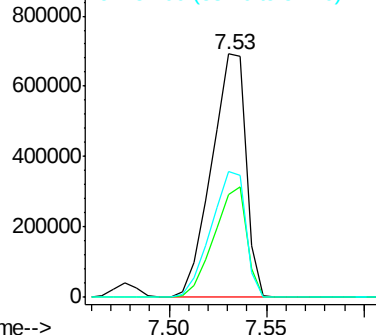
Tot Ion:	82	Resp:	845537
Ion Ratio	Lower	Upper	
82	100		
128	42.1	36.1	54.1
54	51.6	41.4	62.2

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



#24

Nitrobenzene

Concen: 42.337 ng

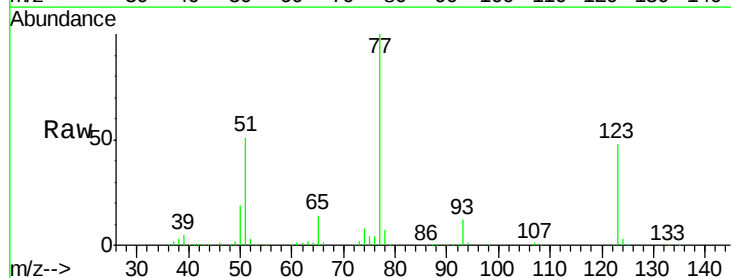
RT: 7.55 min Scan# 887

Delta R.T. -0.00 min

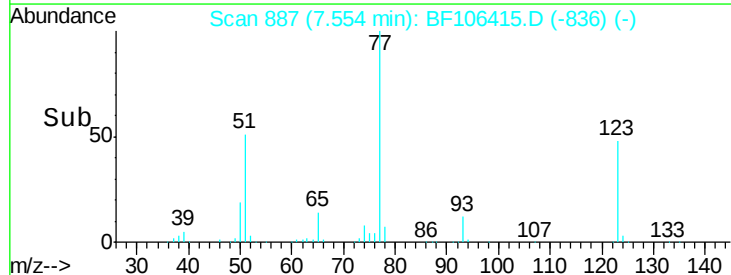
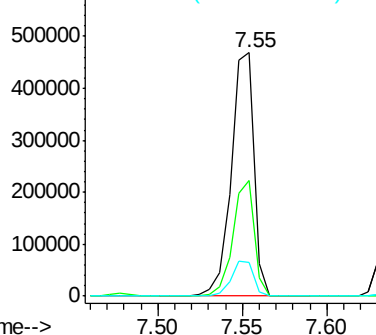
Lab File: BF106415.D

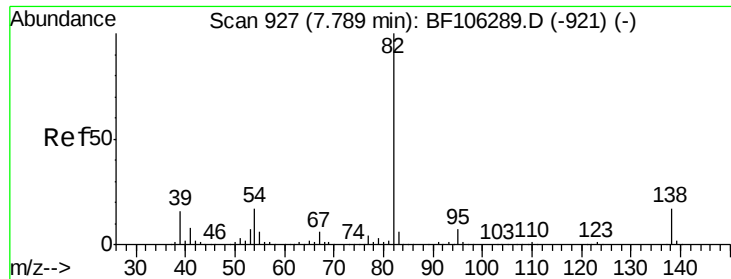
Acq: 14 Jun 2018 2:35

Tgt Ion:	77	Resp:	439353
Ion Ratio	Lower	Upper	
77	100		
123	47.6	37.9	56.9
65	13.6	11.0	16.4



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





#25

Isophorone

Concen: 42.676 ng

RT: 7.79 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF106415.D

Acq: 14 Jun 2018 2:35

Instrument :

BNA_F

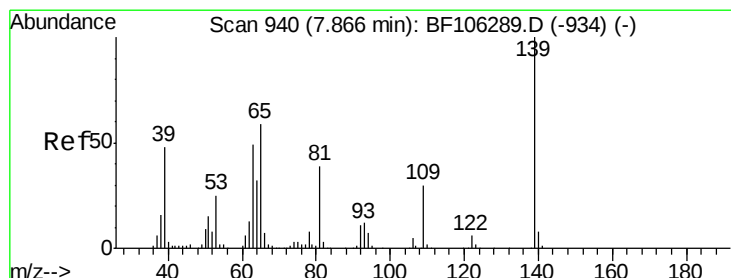
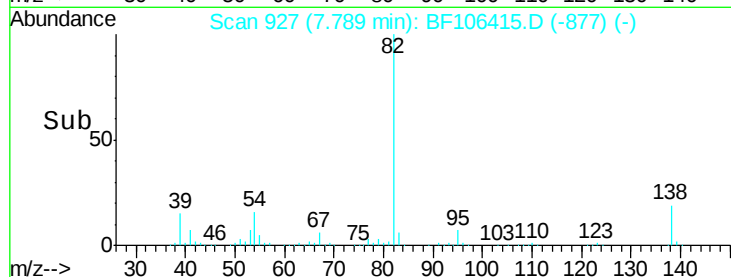
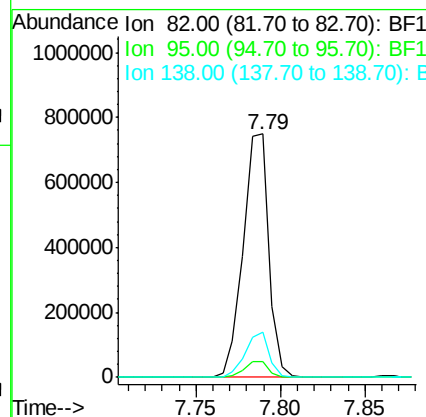
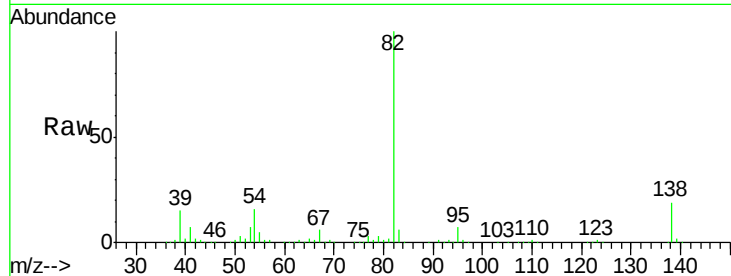
ClientSampleId :

PB110157BS

Tot Ion:	82	Resp:	795865
Ion Ratio		Lower	Upper
82	100		
95	6.7	5.2	7.8
138	18.8	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 53.276 ng

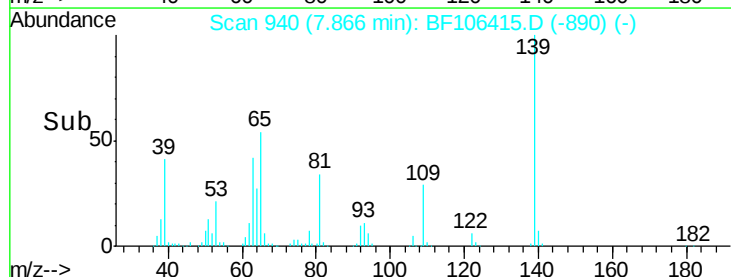
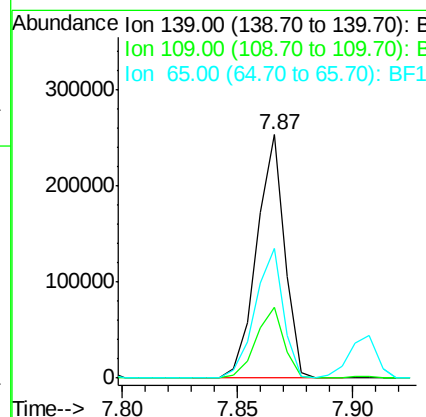
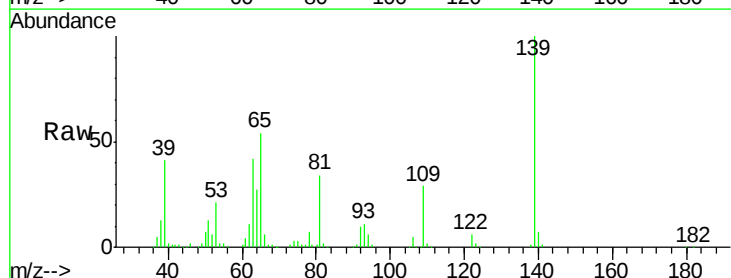
RT: 7.87 min Scan# 940

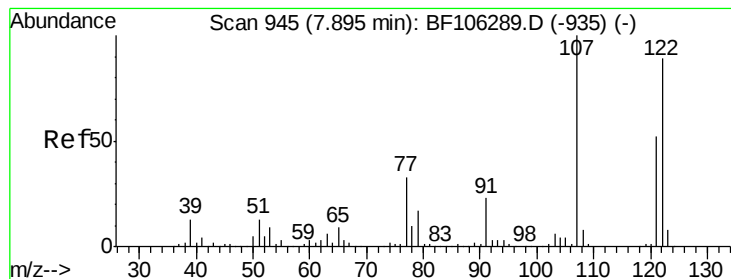
Delta R.T. -0.01 min

Lab File: BF106415.D

Acq: 14 Jun 2018 2:35

Tgt Ion:	139	Resp:	214598
Ion Ratio		Lower	Upper
139	100		
109	29.0	22.7	34.1
65	53.5	40.5	60.7





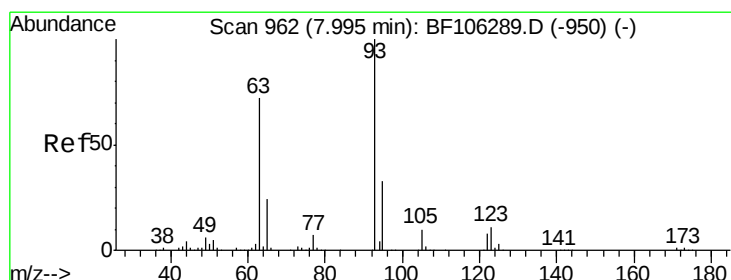
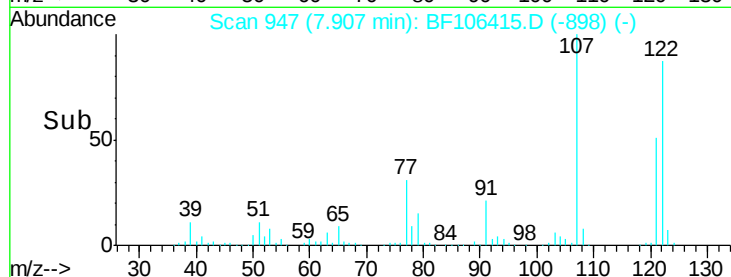
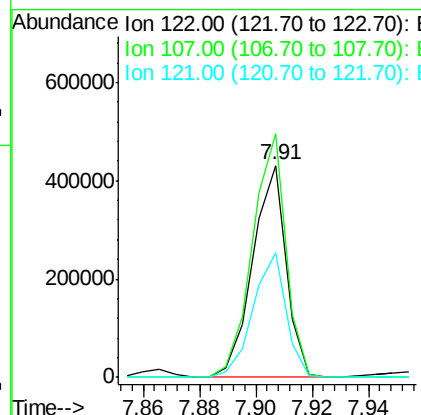
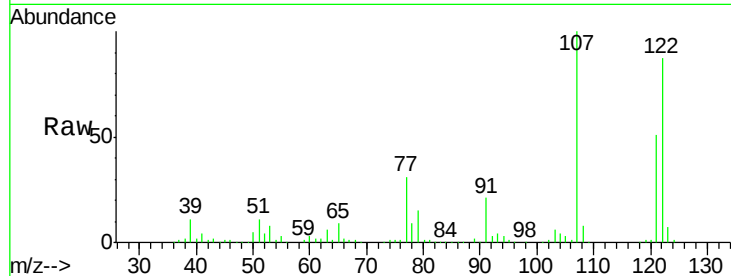
#27
 2,4-Dimethylphenol
 Concen: 45.071 ng
 RT: 7.91 min Scan# 947
 Delta R.T. -0.01 min
 Lab File: BF106415.D
 Acq: 14 Jun 2018 2:35

Instrument :
 BNA_F
 ClientSampleId :
 PB110157BS

Tot Ion	Ratio	Resp Lower	Upper
122	100		
107	114.9	91.2	136.8
121	58.8	47.2	70.8

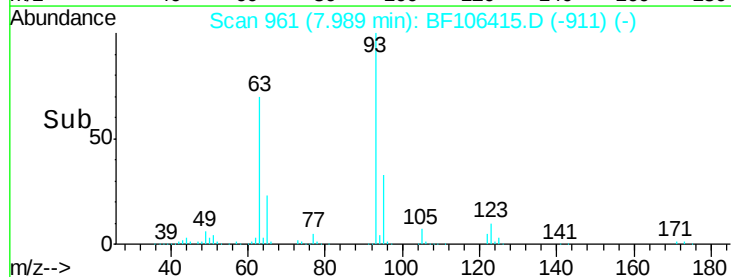
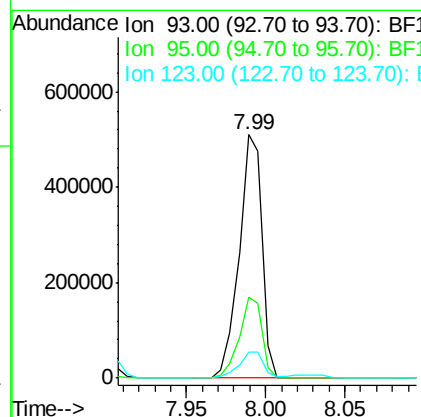
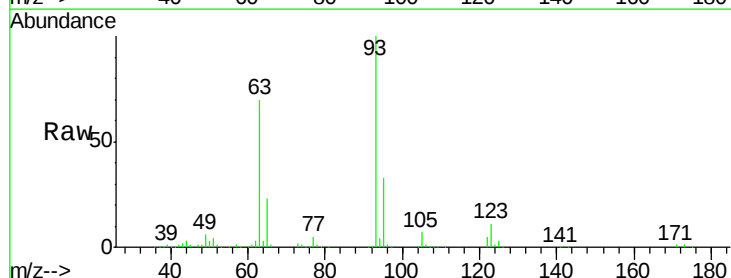
Manual Integrations
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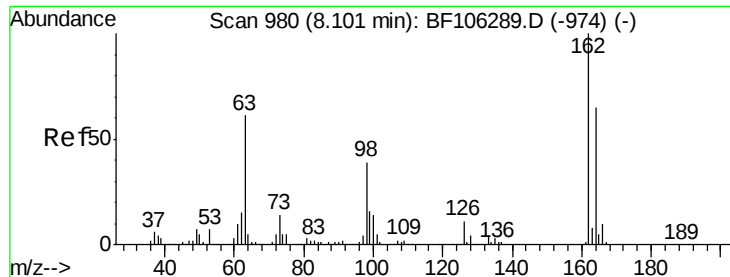
Sohil
 6/14/2018 2:48:05 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.859 ng
 RT: 7.99 min Scan# 961
 Delta R.T. -0.01 min
 Lab File: BF106415.D
 Acq: 14 Jun 2018 2:35

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
95	33.1	26.3	39.5
123	10.5	9.8	14.6





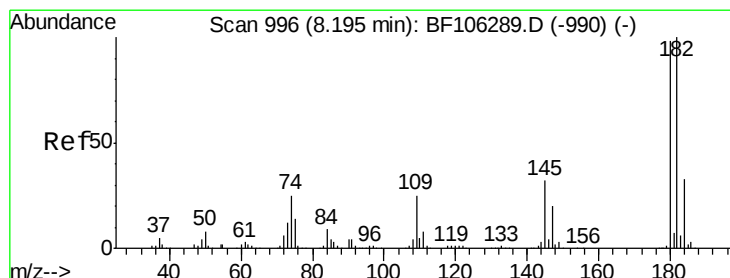
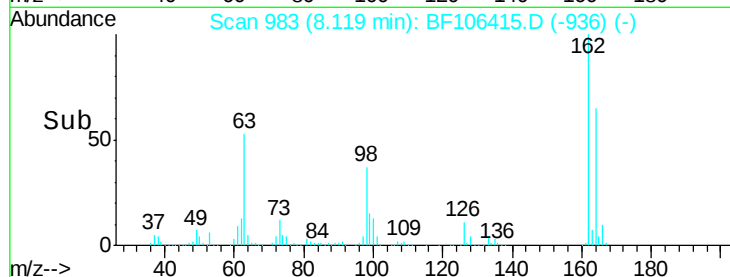
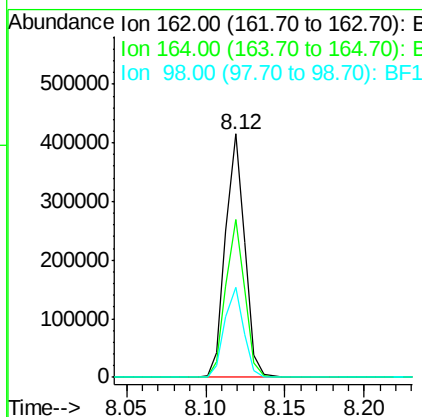
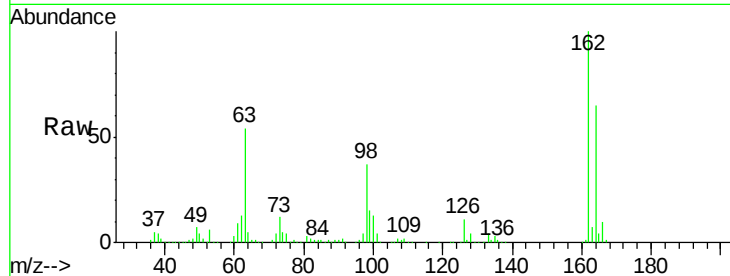
#29
2,4-Dichlorophenol
Concen: 45.776 ng
RT: 8.12 min Scan# 983
Delta R.T. -0.02 min
Lab File: BF106415.D
Acq: 14 Jun 2018 2:35

Instrument :
BNA_F
ClientSampleId :
PB110157BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.6	42.7	82.7
98	36.9	18.1	58.1

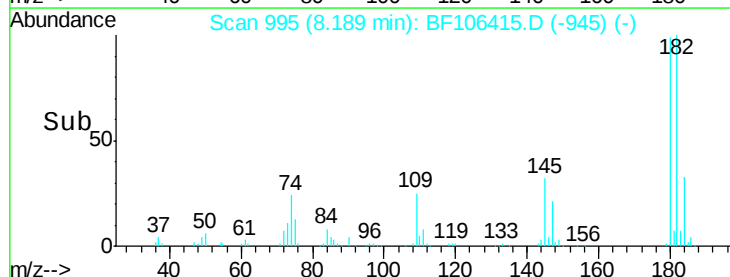
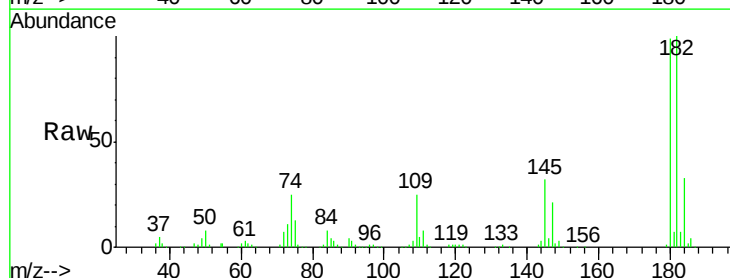
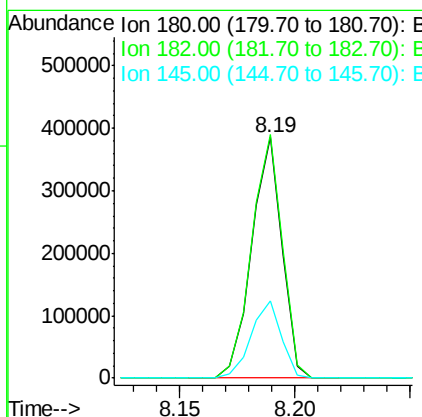
Manual Integrations
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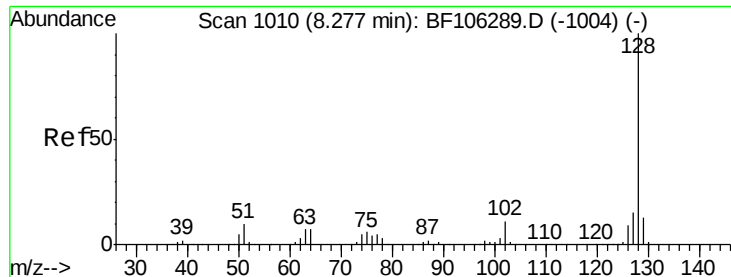
Sohil
6/14/2018 2:48:05 PM



#30
1,2,4-Trichlorobenzene
Concen: 41.483 ng
RT: 8.19 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF106415.D
Acq: 14 Jun 2018 2:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	101.2	76.8	115.2
145	32.2	26.5	39.7





#31

Naphthalene

Concen: 41.951 ng

RT: 8.27 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF106415.D

Acq: 14 Jun 2018 2:35

Instrument :

BNA_F

ClientSampleId :

PB110157BS

Tot Ion:128 Resp: 1065186

Ion Ratio Lower Upper

128 100

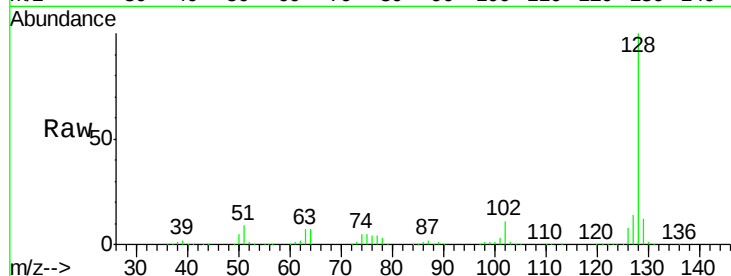
129 12.2 8.8 13.2

127 14.2 10.9 16.3

Manual Integrations
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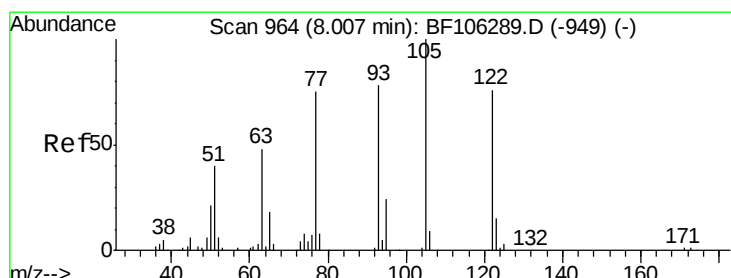
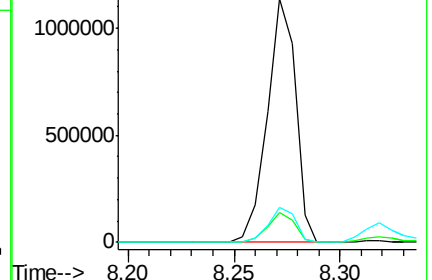
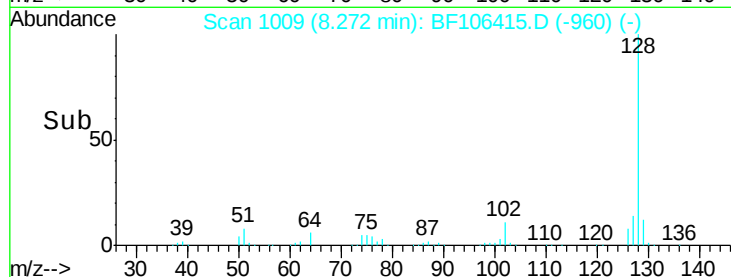
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.759 ng

RT: 8.03 min Scan# 968

Delta R.T. 0.02 min

Lab File: BF106415.D

Acq: 14 Jun 2018 2:35

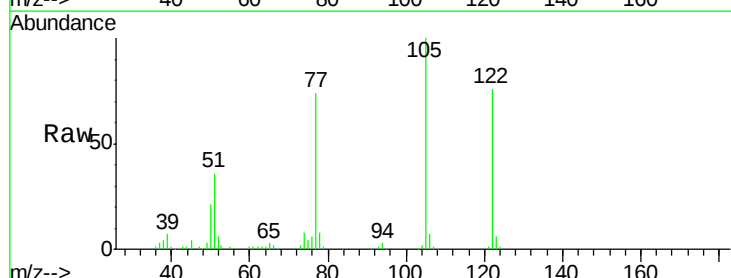
Tgt Ion:122 Resp: 229795

Ion Ratio Lower Upper

122 100

105 132.3 101.1 141.1

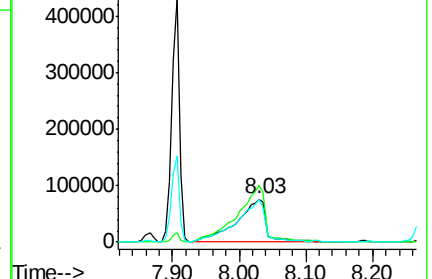
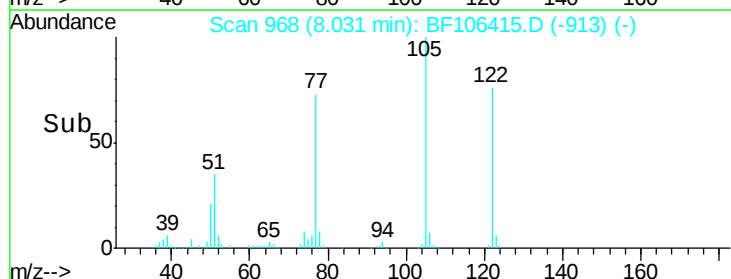
77 98.3 70.7 110.7

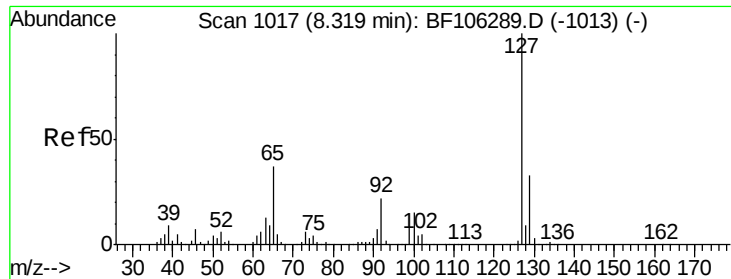


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





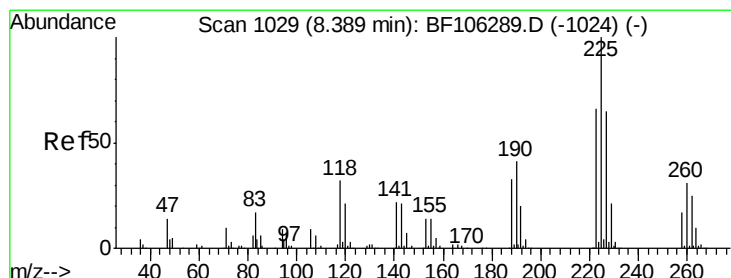
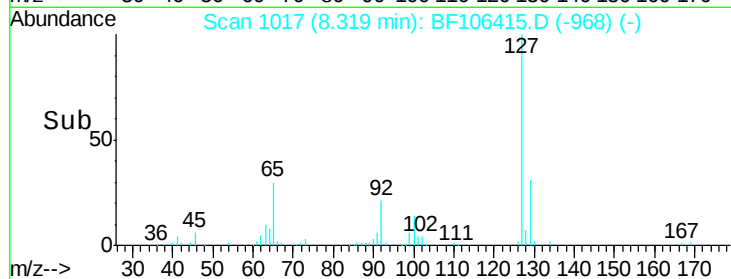
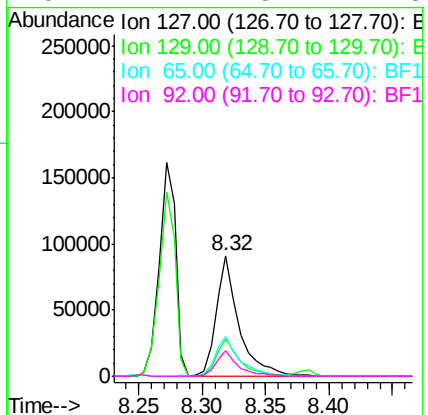
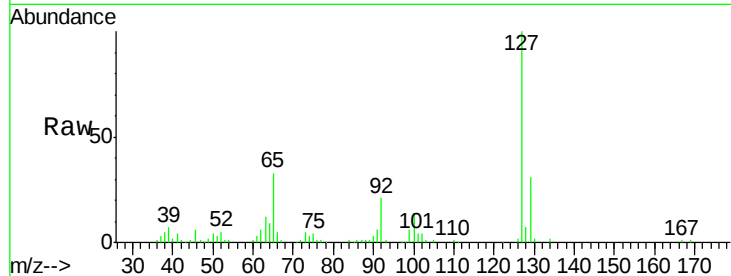
#33
4-Chloroaniline
Concen: 10.185 ng
RT: 8.32 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF106415.D
Acq: 14 Jun 2018 2:35

Instrument :
BNA_F
ClientSampleId :
PB110157BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.2		25.9	38.9	
65	33.2		25.0	37.4	
92	21.1		15.2	22.8	

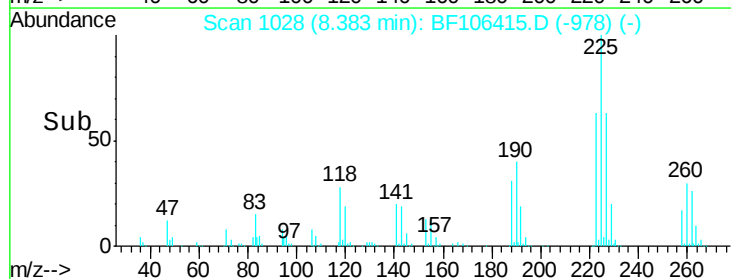
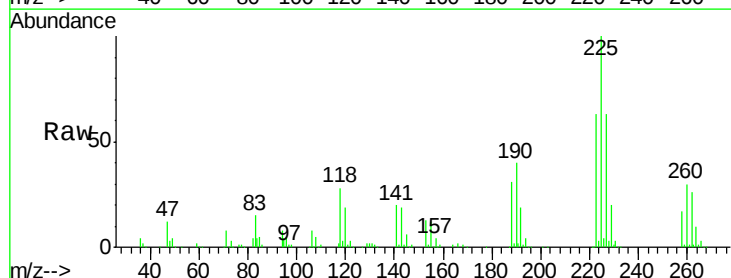
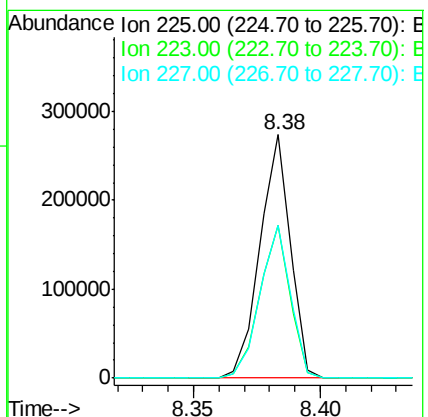
Manual Integrations
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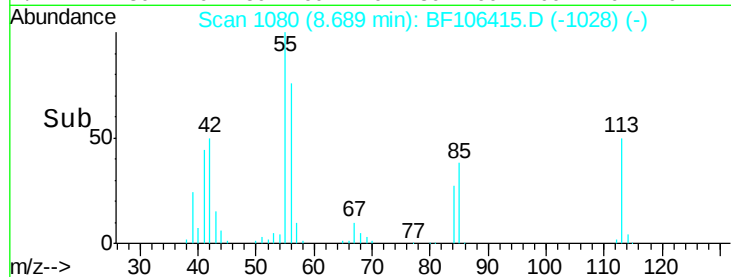
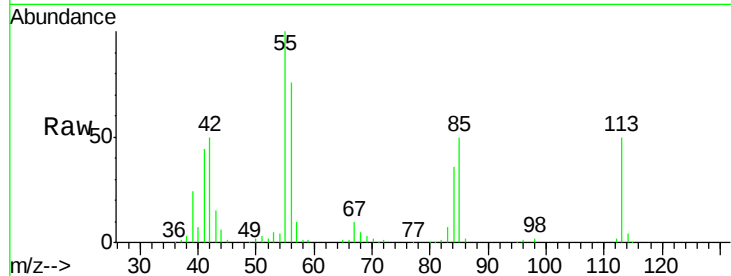
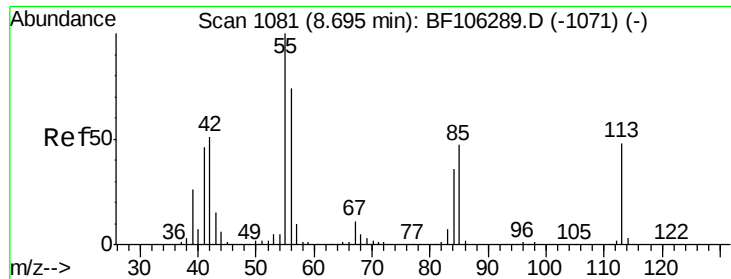
Sohil
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#34
Hexachlorobutadiene
Concen: 41.984 ng
RT: 8.38 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF106415.D
Acq: 14 Jun 2018 2:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.6		50.6	76.0	
227	62.9		51.9	77.9	





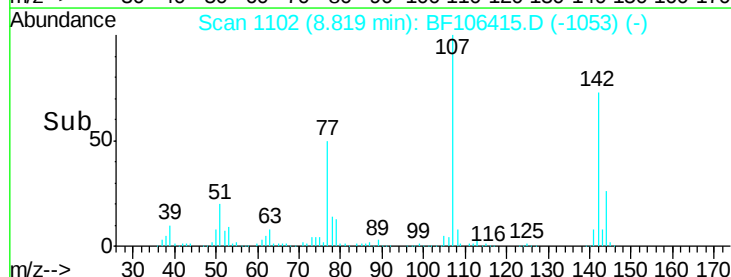
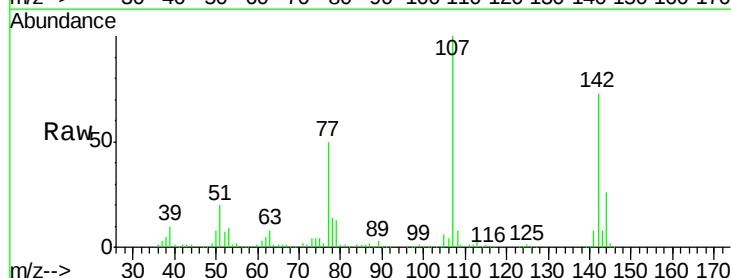
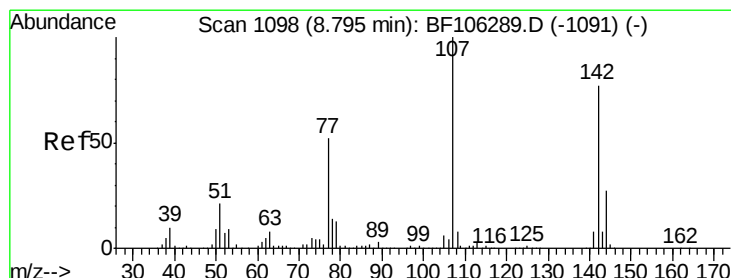
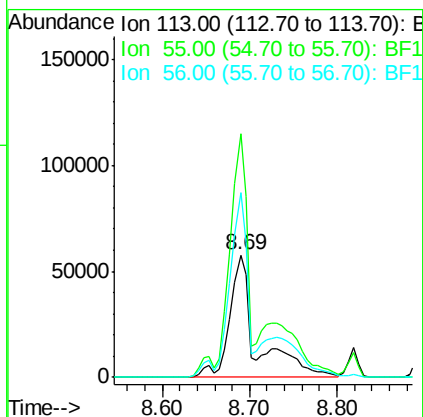
#35
Caprolactam
Concen: 46.280 ng/ml
RT: 8.69 min Scan# 1080
Delta R.T. 0.01 min
Lab File: BF106415.D
Acq: 14 Jun 2018 2:35

Tot Ion	Ratio	Lower	Upper
113	100		
55	198.6	163.3	203.3
56	150.2	115.7	155.7

Instrument :
BNA_F
ClientSampleId :
PB110157BS

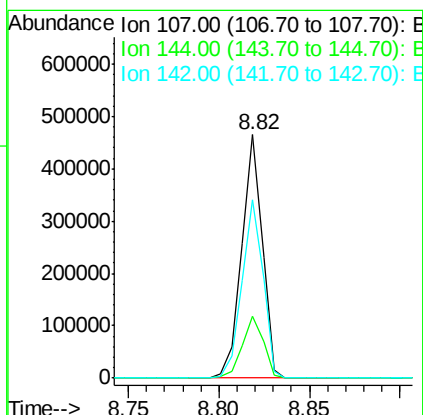
Manual Integrations
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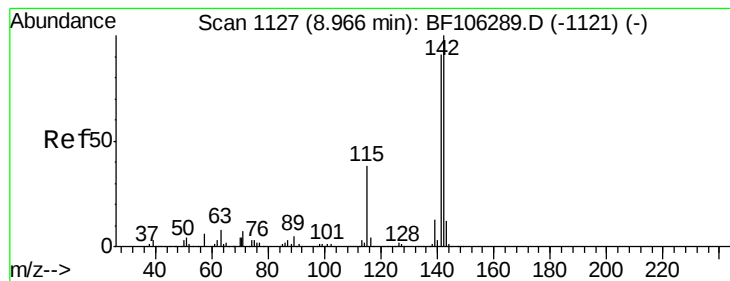
Sohil
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#36
4-Chloro-3-methylphenol
Concen: 43.630 ng/ml
RT: 8.82 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BF106415.D
Acq: 14 Jun 2018 2:35

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.6	20.5	30.7
142	73.1	62.0	93.0





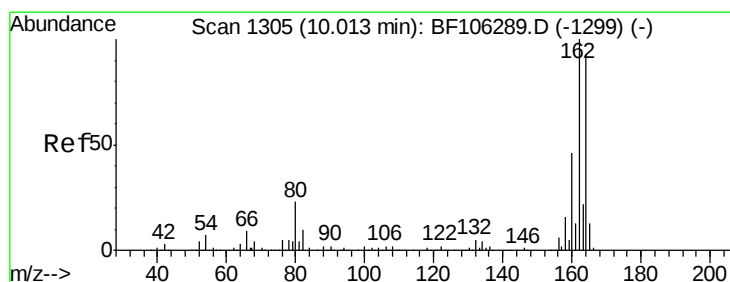
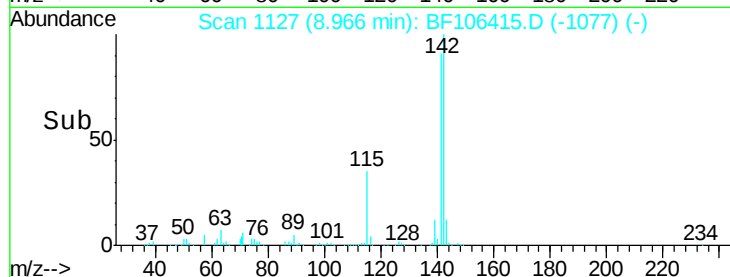
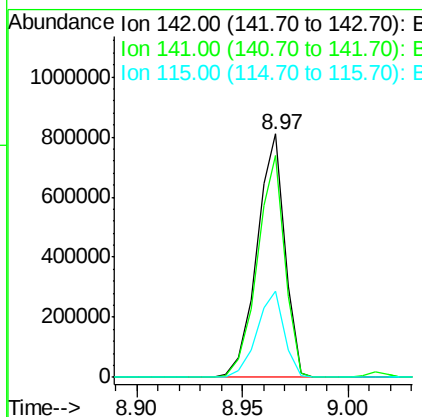
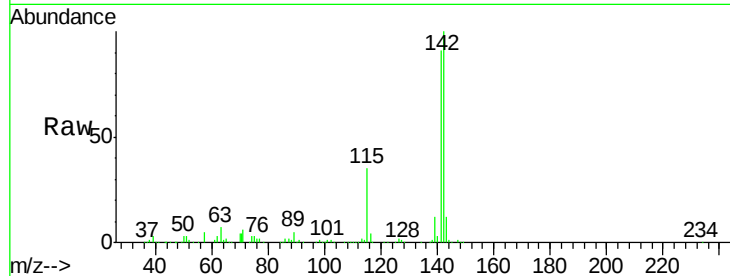
#37
2-Methylnaphthalene
Concen: 43.025 ng
RT: 8.97 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF106415.D
Acq: 14 Jun 2018 2:35

Instrument :
BNA_F
ClientSampled :
PB110157BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.2	70.8	106.2
115	35.3	26.1	39.1

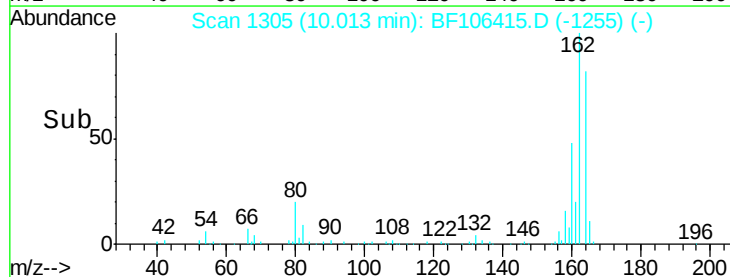
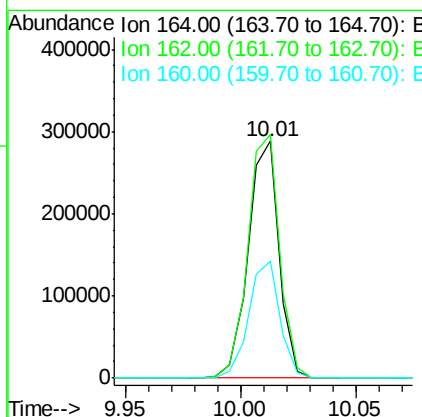
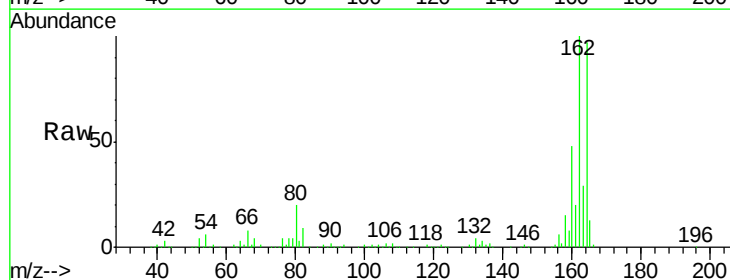
Manual Integrations
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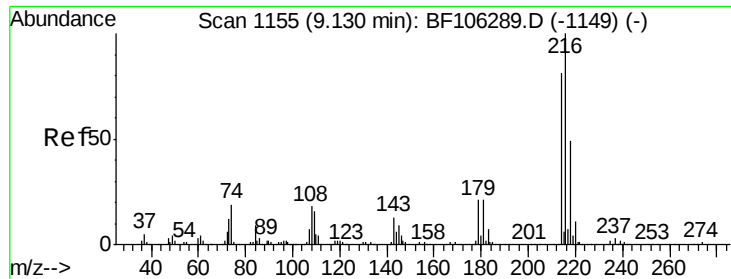
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF106415.D
Acq: 14 Jun 2018 2:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	86.1	129.1
160	49.1	38.3	57.5





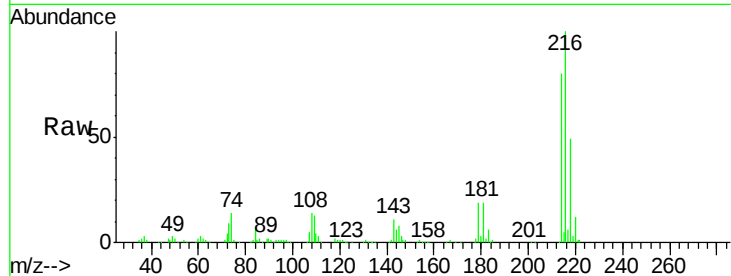
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.571 ng
 RT: 9.13 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF106415.D
 Acq: 14 Jun 2018 2:35

Instrument :
 BNA_F
 ClientSampleId :
 PB110157BS

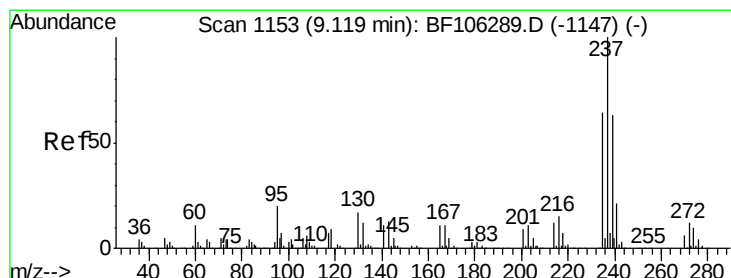
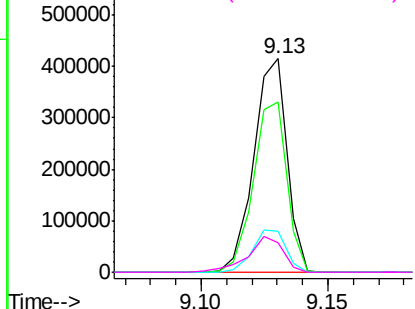
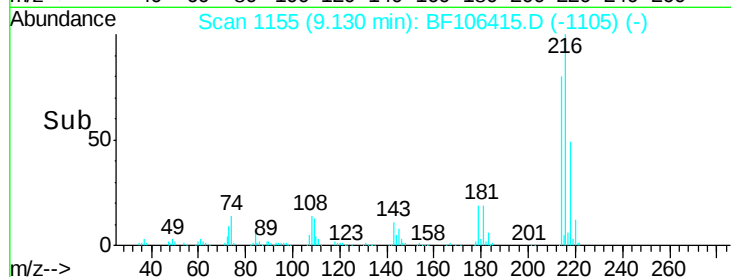
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	80.7		63.0	94.4	
179	20.1		18.1	27.1	
108	18.1		17.2	25.8	

Manual Integrations
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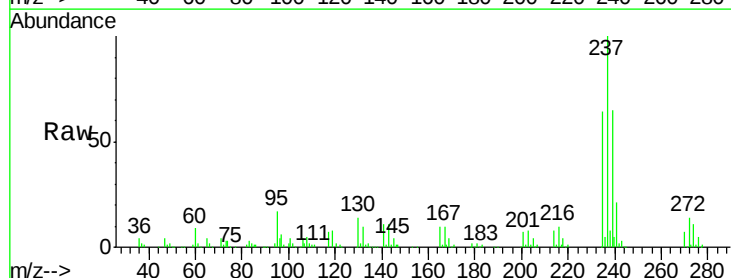


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

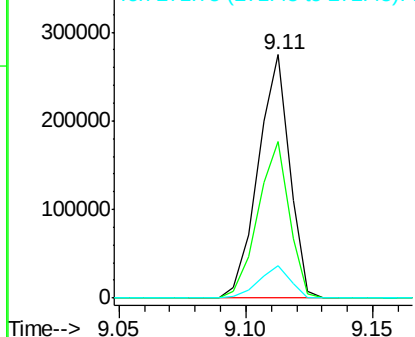
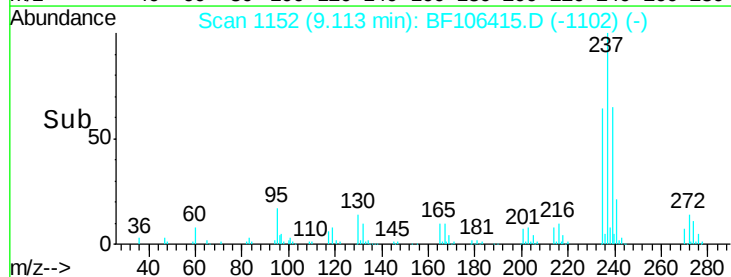


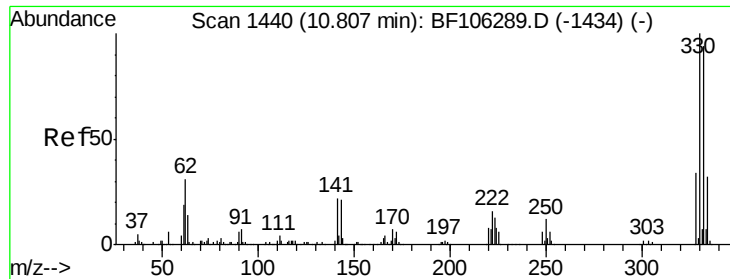
#40
 Hexachlorocyclopentadiene
 Concen: 49.600 ng
 RT: 9.11 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF106415.D
 Acq: 14 Jun 2018 2:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	64.1		44.8	84.8	
272	13.5		0.0	33.3	



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





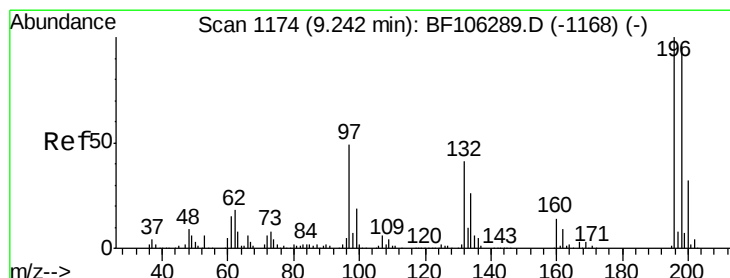
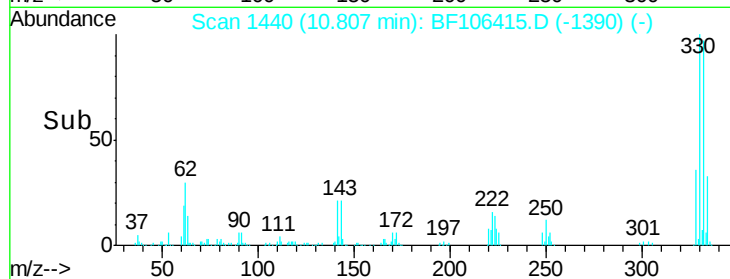
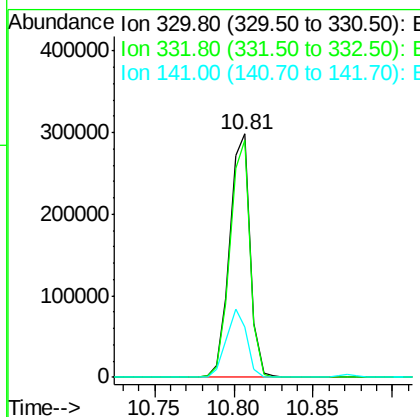
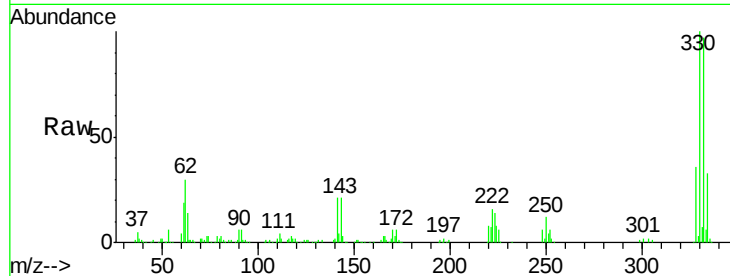
#41
 2,4,6-Tribromophenol
 Concen: 103.749 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF106415.D
 Acq: 14 Jun 2018 2:35

Instrument :
 BNA_F
 ClientSampleId :
 PB110157BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	268368		
332	95.5	77.0	115.6	
141	27.8	29.9	44.9	

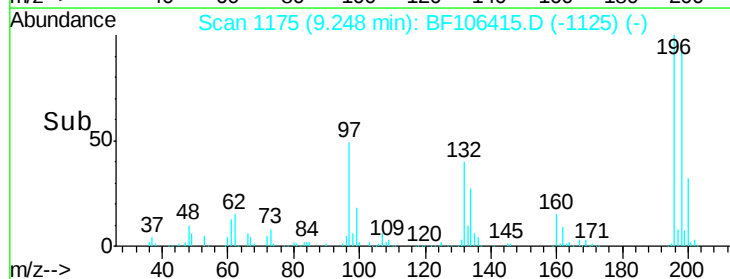
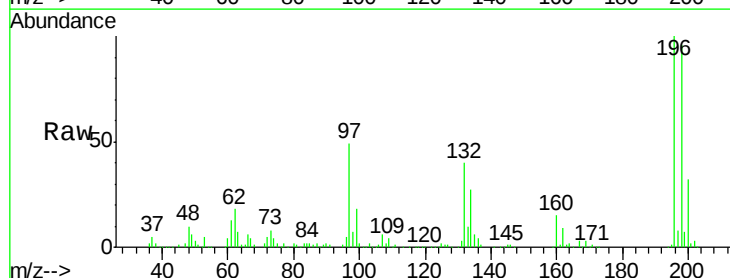
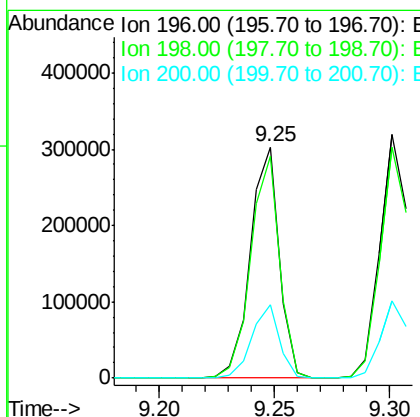
Manual Integrations
 APPROVED

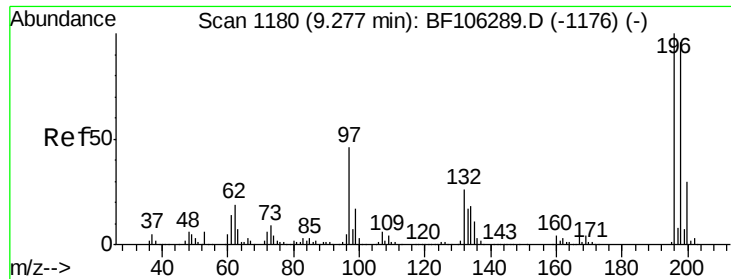
Sohil
 6/14/2018 2:48:05 PM



#42
 2,4,6-Trichlorophenol
 Concen: 47.738 ng
 RT: 9.25 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF106415.D
 Acq: 14 Jun 2018 2:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	265502		
198	96.1	75.7	113.5	
200	31.6	24.5	36.7	





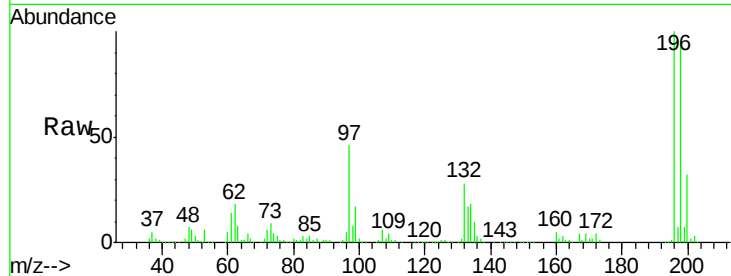
#43
 2,4,5-Trichlorophenol
 Concen: 46.863 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF106415.D
 Acq: 14 Jun 2018 2:35

Instrument :
 BNA_F
 ClientSampleId :
 PB110157BS

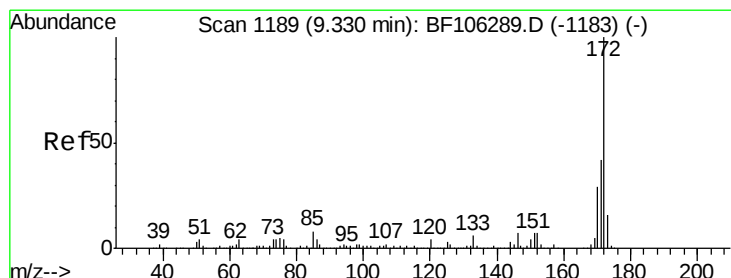
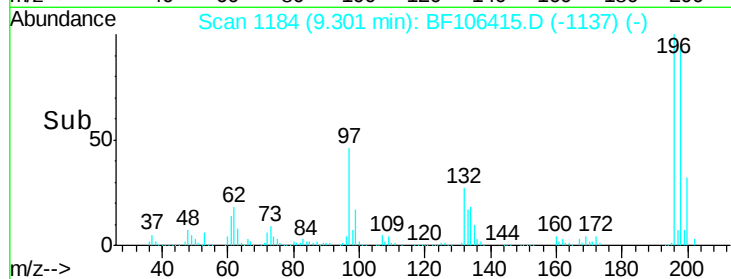
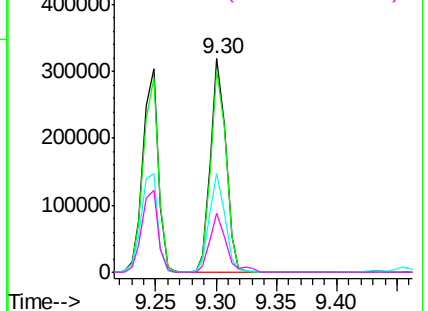
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		280976		
198	94.8	74.6	112.0		
97	45.9	42.9	64.3		
132	27.6	26.3	39.5		

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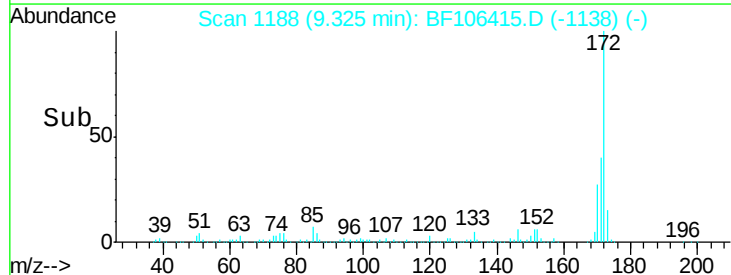
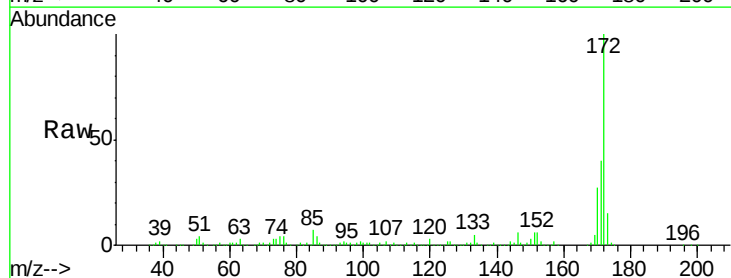
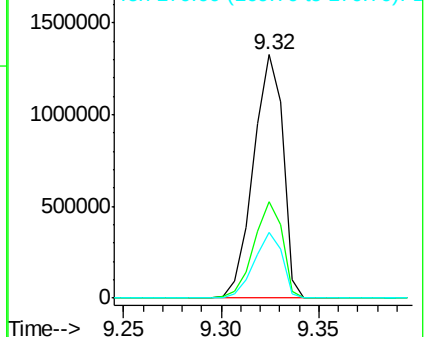
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

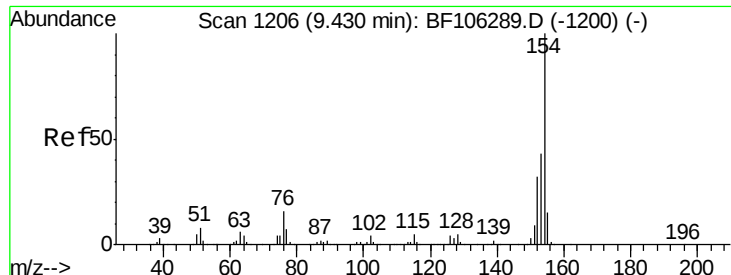


#44
 2-Fluorobiphenyl
 Concen: 95.823 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF106415.D
 Acq: 14 Jun 2018 2:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1394409		
171	39.5	29.7	44.5		
170	26.9	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





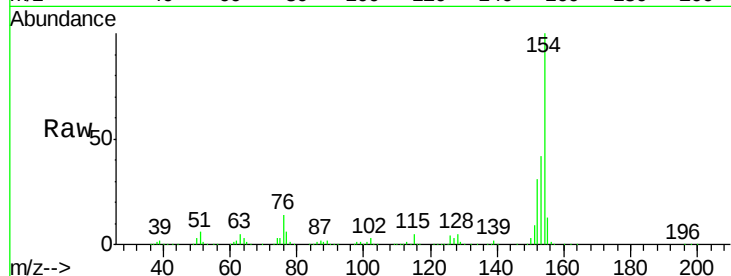
#45
1,1'-Biphenyl
Concen: 42.102 ng
RT: 9.43 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF106415.D
Acq: 14 Jun 2018 2:35

Instrument :
BNA_F
ClientSampled :
PB110157BS

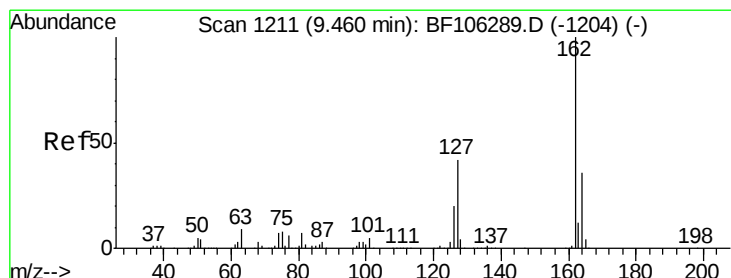
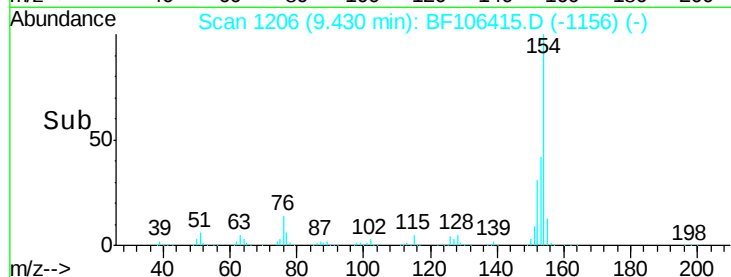
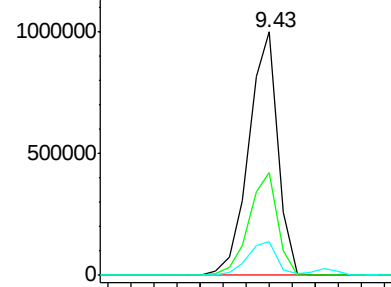
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	42.4	21.3	61.3	
76	13.6	0.0	34.0	

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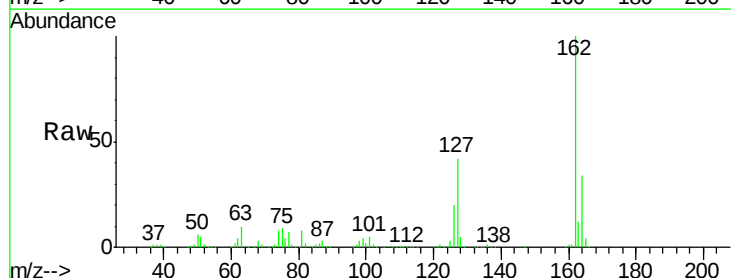


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

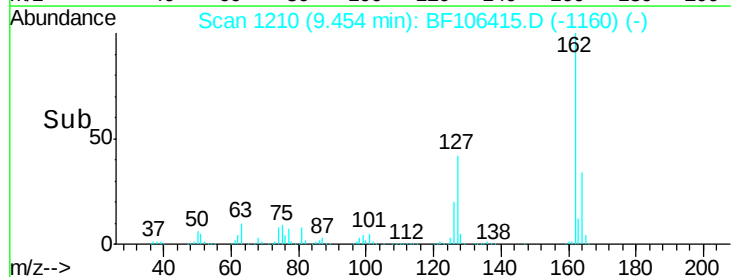
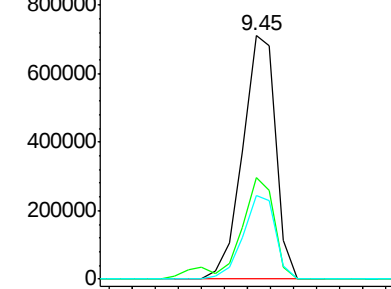


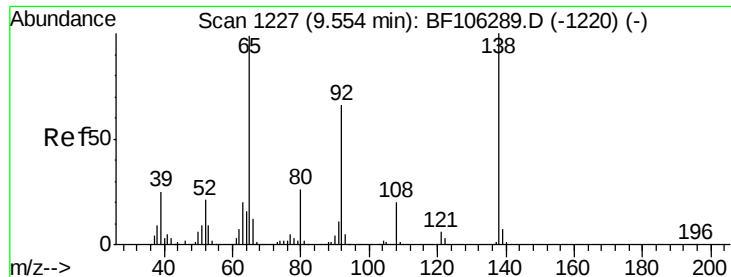
#46
2-Chloronaphthalene
Concen: 42.669 ng
RT: 9.45 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF106415.D
Acq: 14 Jun 2018 2:35

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	41.7	33.9	50.9	
164	34.2	26.5	39.7	



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





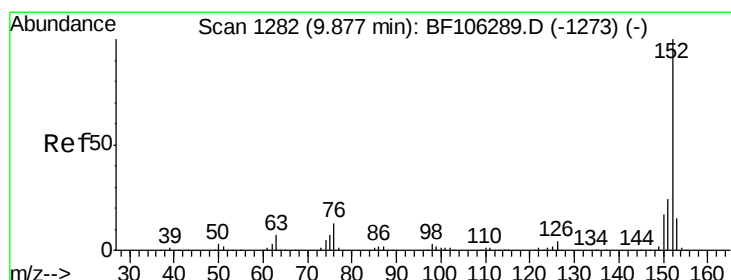
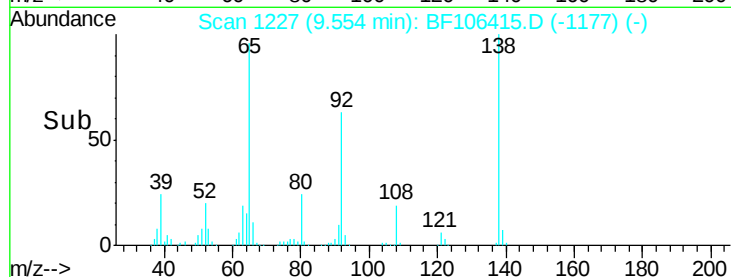
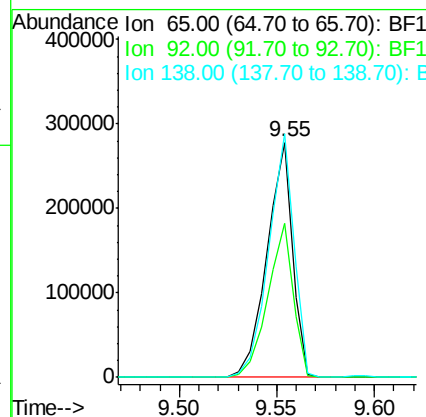
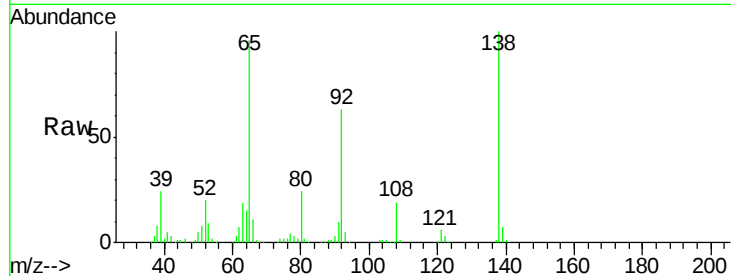
#47
2-Nitroaniline
Concen: 48.179 ng
RT: 9.55 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF106415.D
Acq: 14 Jun 2018 2:35

Instrument :
BNA_F
ClientSampleId :
PB110157BS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	252560		
92	65.5	55.8	83.6	
138	103.7	91.2	136.8	

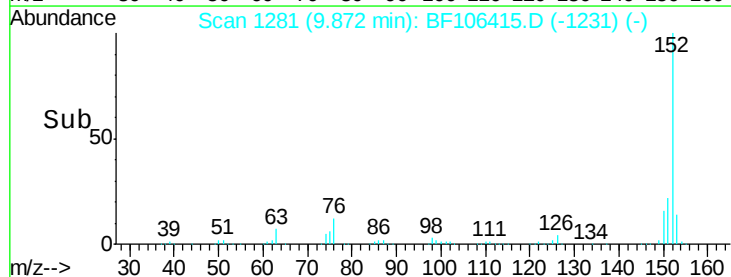
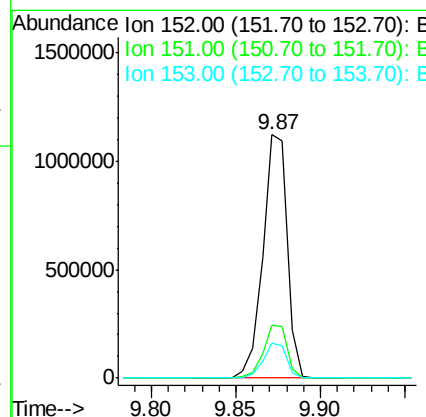
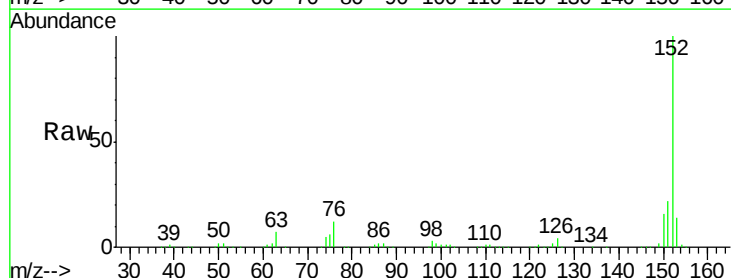
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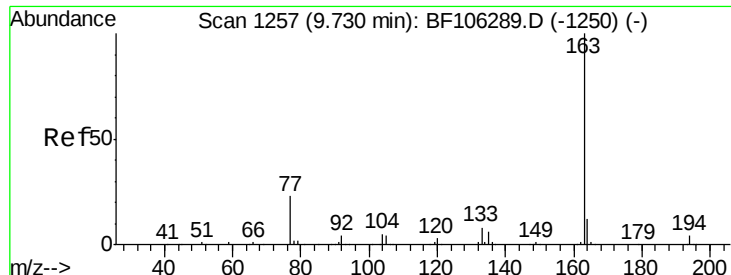
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#48
Acenaphthylene
Concen: 43.903 ng
RT: 9.87 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF106415.D
Acq: 14 Jun 2018 2:35

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1119795		
151	21.6	16.3	24.5	
153	14.3	10.7	16.1	





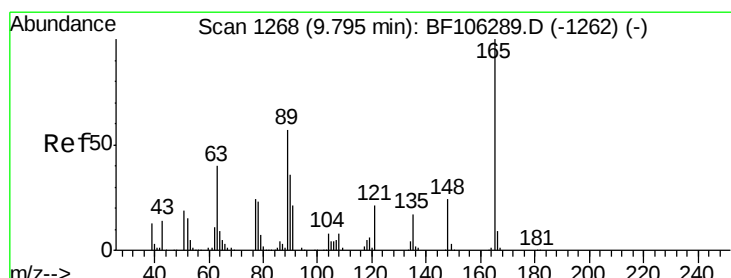
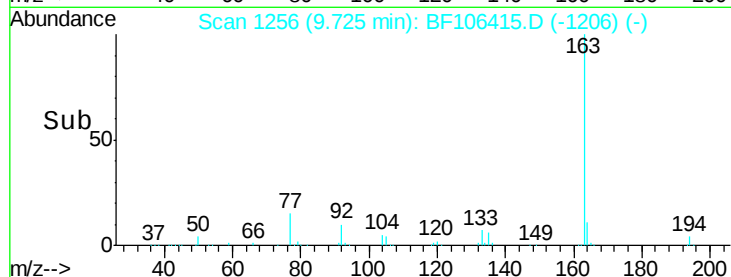
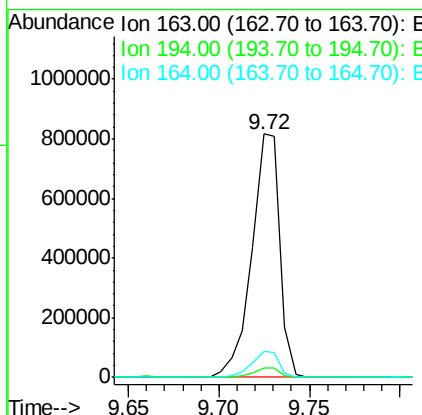
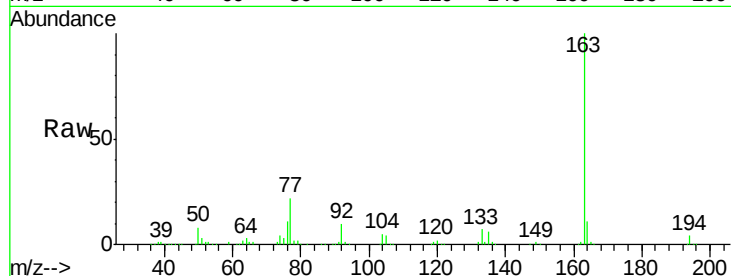
#49
 Dimethylphthalate
 Concen: 45.611 ng
 RT: 9.72 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: BF106415.D
 Acq: 14 Jun 2018 2:35

Instrument :
 BNA_F
 ClientSampleID :
 PB110157BS

Tot Ion:	163	Resp:	876050
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.7	4.1
164	10.9	8.2	12.2

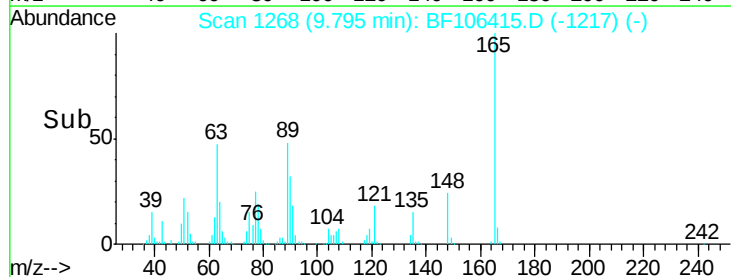
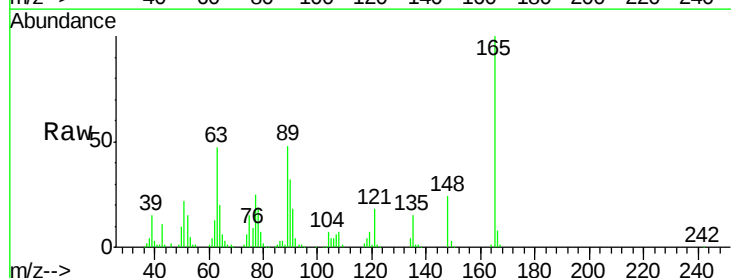
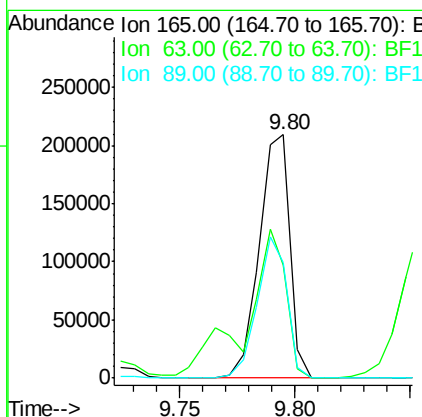
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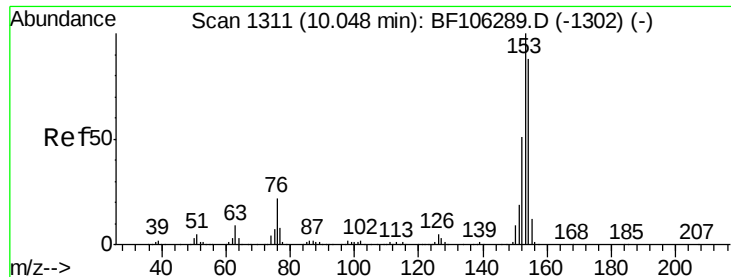
Sohil
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#50
 2,6-Dinitrotoluene
 Concen: 49.481 ng
 RT: 9.80 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF106415.D
 Acq: 14 Jun 2018 2:35

Tgt Ion:	165	Resp:	194131
Ion Ratio	Lower	Upper	
165	100		
63	46.7	44.7	67.1
89	47.7	44.0	66.0





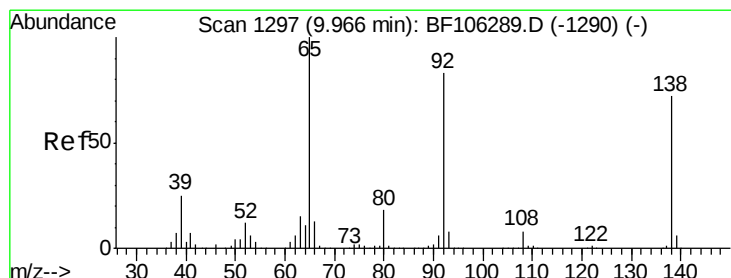
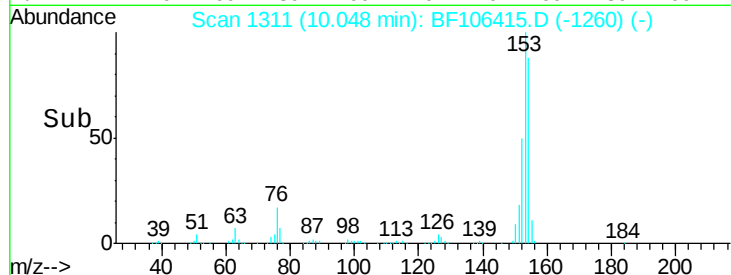
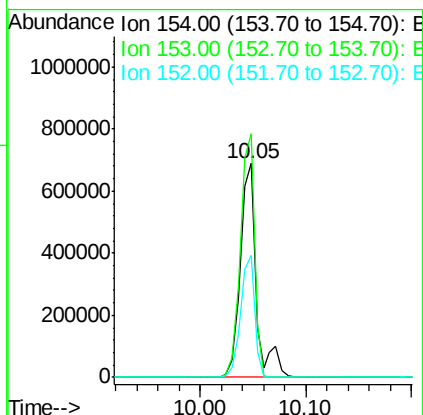
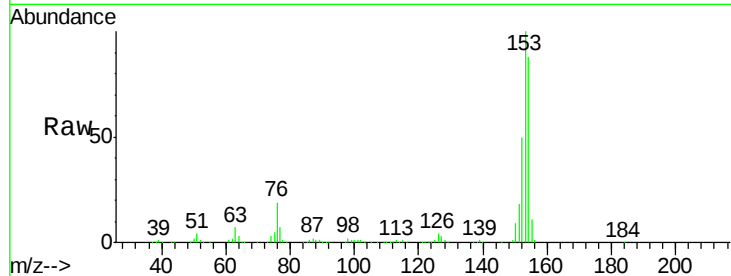
#51
Acenaphthene
Concen: 43.598 ng
RT: 10.05 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF106415.D
Acq: 14 Jun 2018 2:35

Instrument :
BNA_F
ClientSampled :
PB110157BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.8	91.2	136.8
152	56.8	43.8	65.8

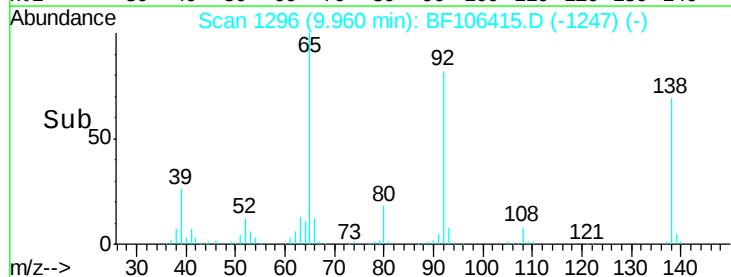
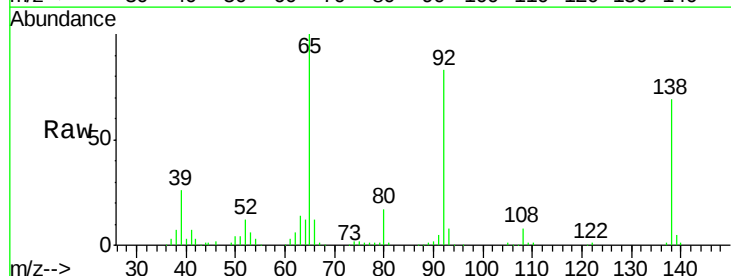
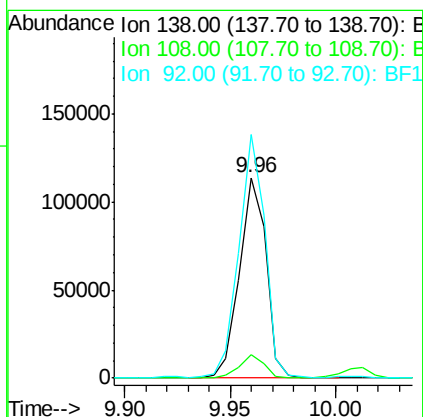
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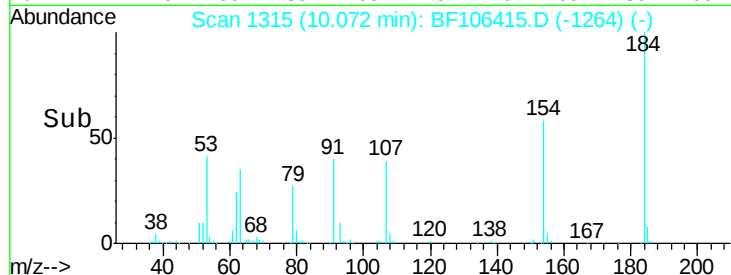
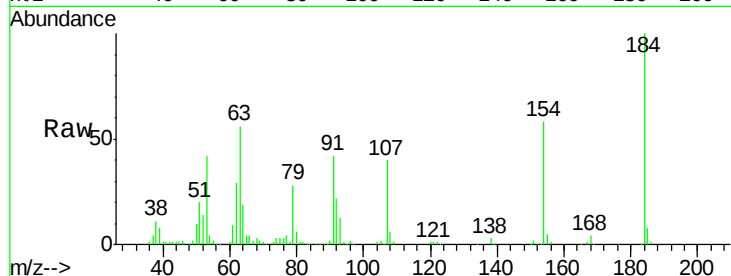
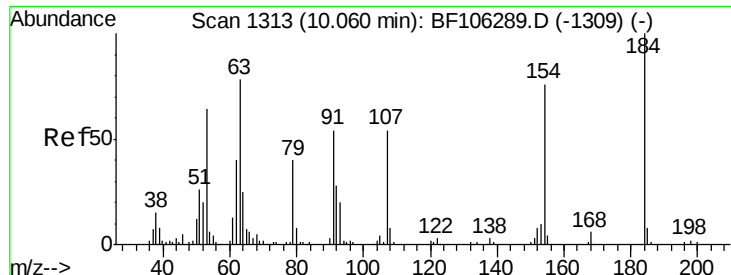
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#52
3-Nitroaniline
Concen: 21.357 ng
RT: 9.96 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF106415.D
Acq: 14 Jun 2018 2:35

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.5	9.4	14.0
92	121.4	89.4	134.2





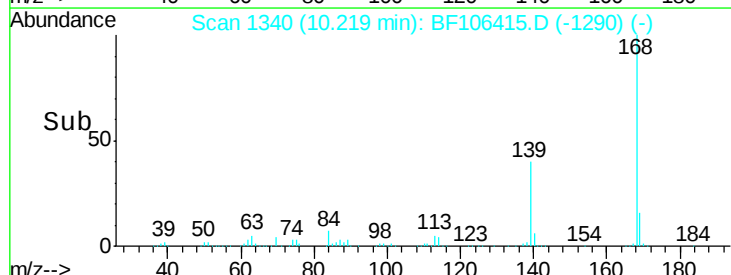
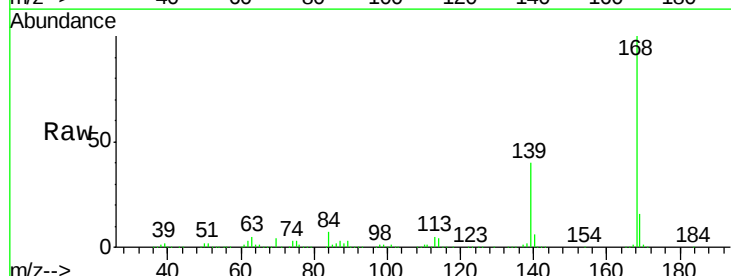
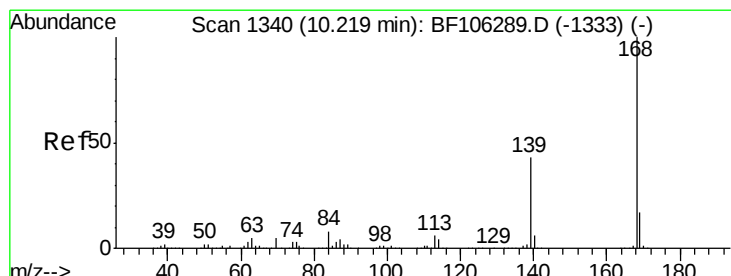
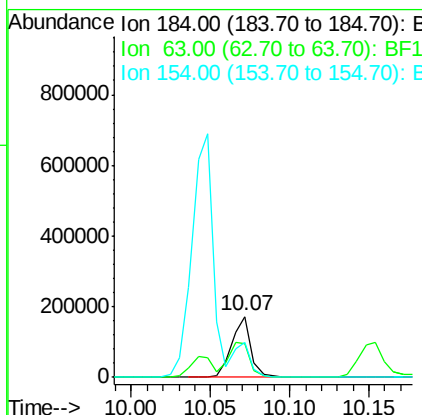
#53
2,4-Dinitrophenol
Concen: 81.741 ng
RT: 10.07 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BF106415.D
Acq: 14 Jun 2018 2:35

Instrument :
BNA_F
ClientSampleId :
PB110157BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	56.2	54.2	81.2
154	57.9	184.0	276.0#

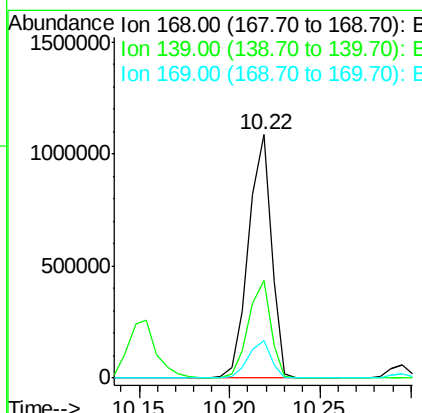
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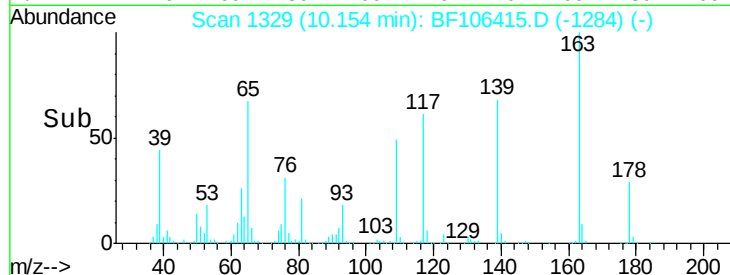
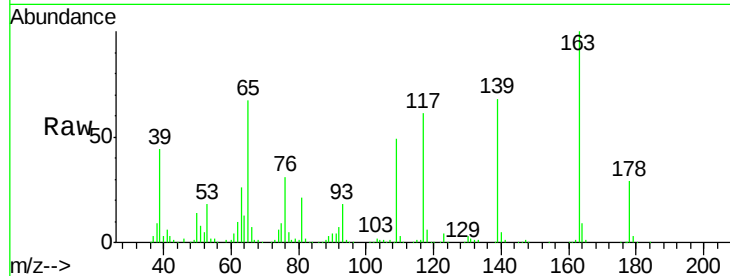
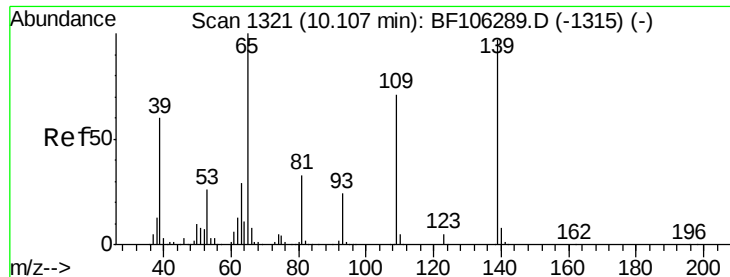
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#54
Dibenzofuran
Concen: 43.161 ng
RT: 10.22 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF106415.D
Acq: 14 Jun 2018 2:35

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.9	30.1	45.1
169	15.5	10.9	16.3





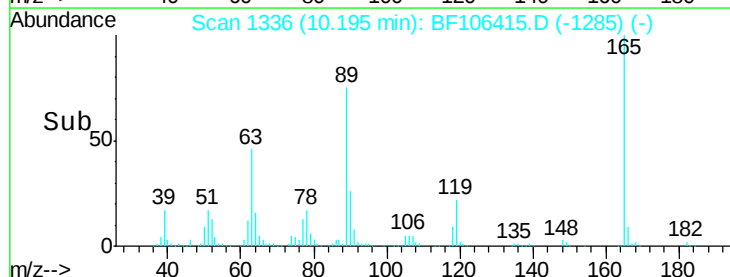
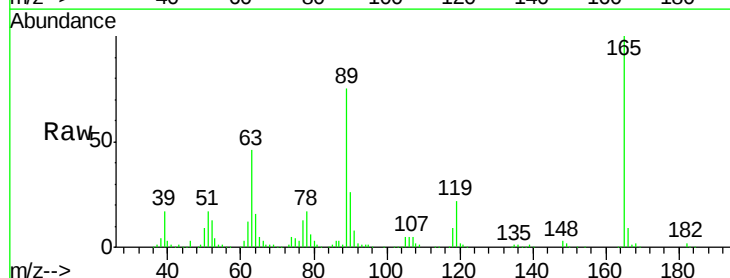
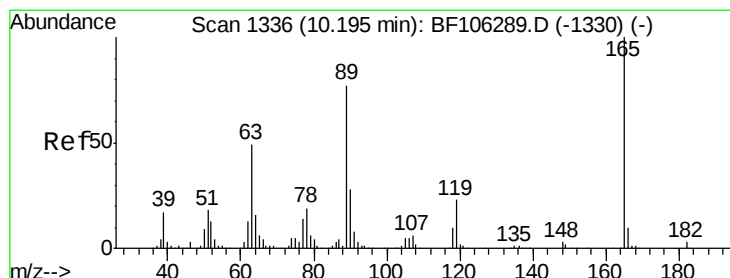
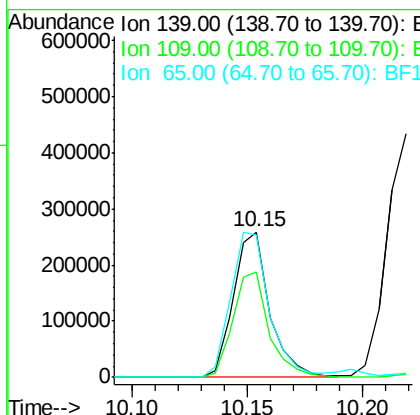
#55
4-Nitrophenol
Concen: 79.830 ng
RT: 10.15 min Scan# 1329
Delta R.T. -0.04 min
Lab File: BF106415.D
Acq: 14 Jun 2018 2:35

Instrument :
BNA_F
ClientSampleId :
PB110157BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	284935		
109	72.3	48.4	88.4	
65	97.9	72.6	112.6	

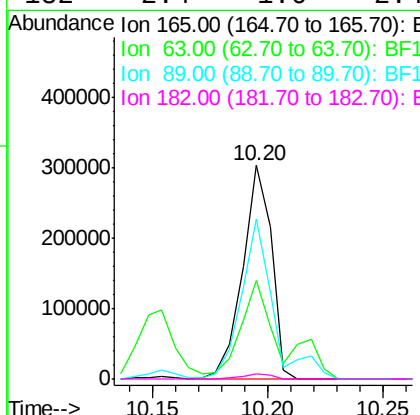
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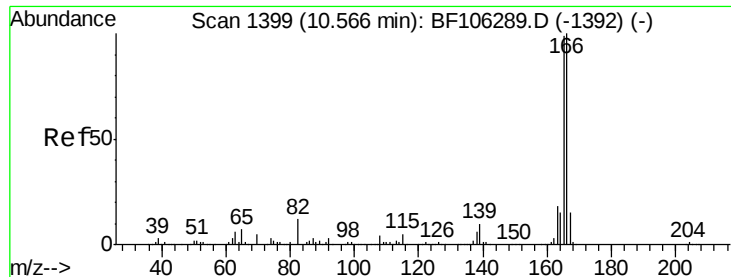
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#56
2,4-Dinitrotoluene
Concen: 53.909 ng
RT: 10.20 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF106415.D
Acq: 14 Jun 2018 2:35

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	265602		
63	46.0	36.4	54.6	
89	74.8	57.8	86.6	
182	2.4	1.6	2.4	#





#57

Fluorene

Concen: 42.948 ng

RT: 10.56 min Scan# 1398

Delta R.T. -0.01 min

Lab File: BF106415.D

Acq: 14 Jun 2018 2:35

Instrument :

BNA_F

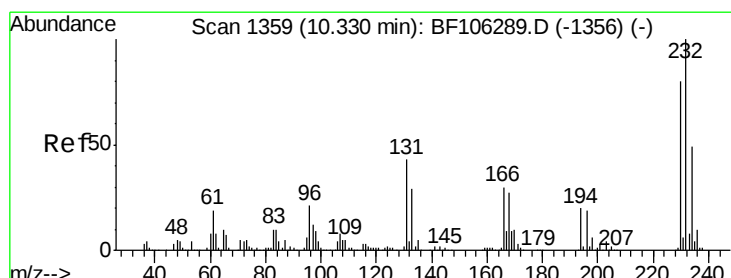
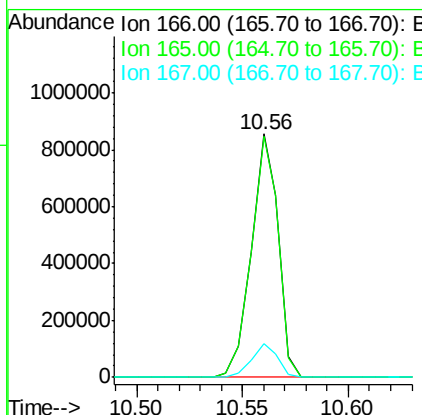
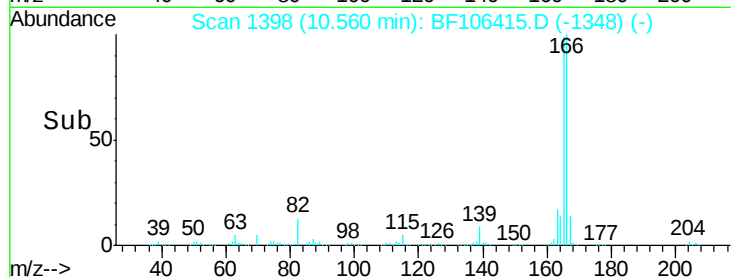
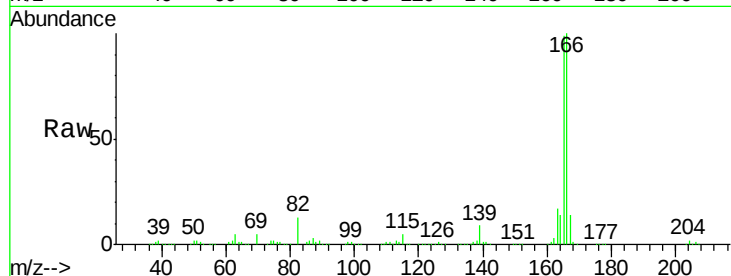
ClientSampleId :

PB110157BS

Tot Ion:	166	Resp:	754772
Ion Ratio	Lower	Upper	
166	100		
165	98.9	79.8	119.8
167	14.0	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 50.717 ng

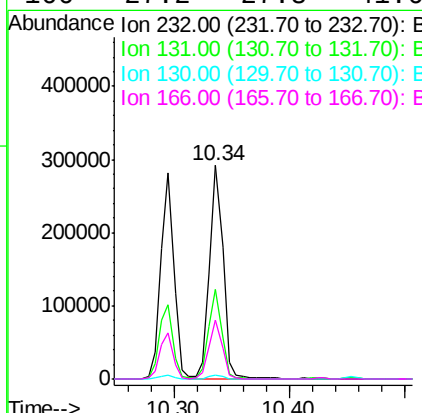
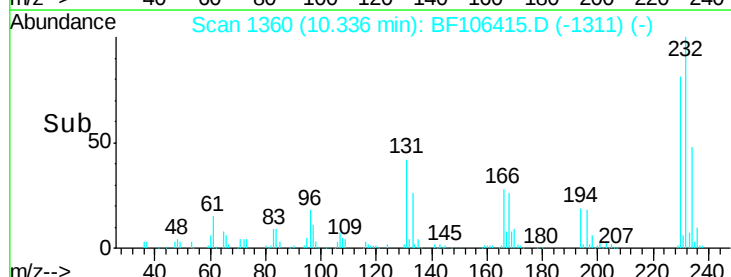
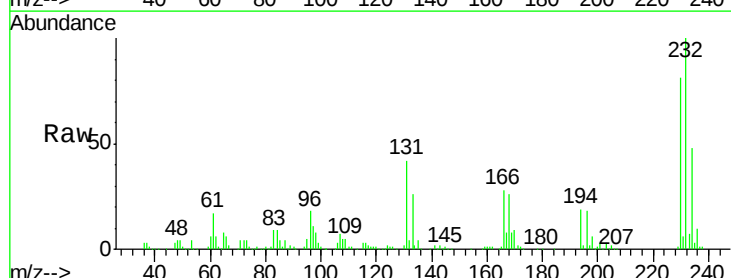
RT: 10.34 min Scan# 1360

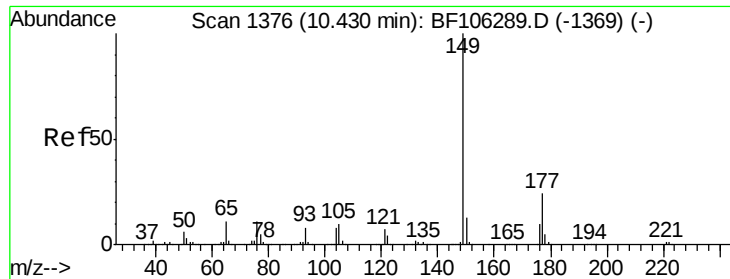
Delta R.T. -0.01 min

Lab File: BF106415.D

Acq: 14 Jun 2018 2:35

Tgt Ion:	232	Resp:	241015
Ion Ratio	Lower	Upper	
232	100		
131	40.3	43.8	65.8#
130	1.9	2.1	3.1#
166	27.2	27.8	41.6#





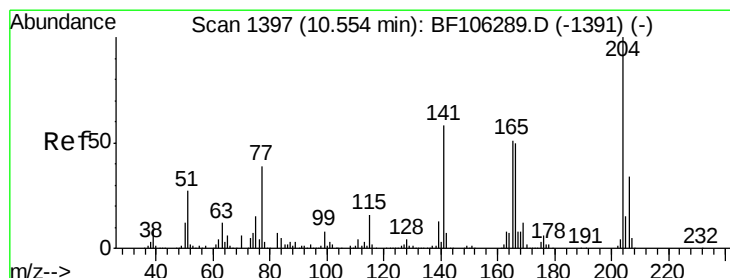
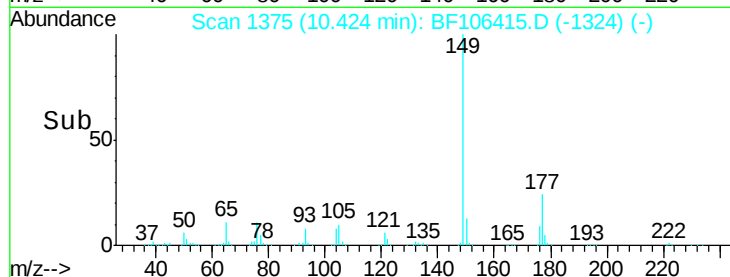
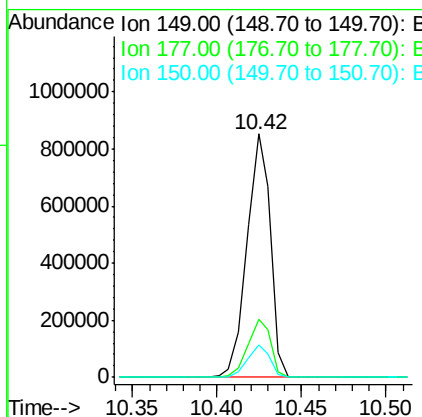
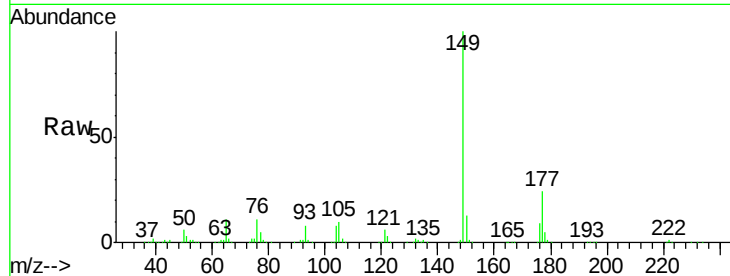
#59
Diethylphthalate
Concen: 43.308 ng
RT: 10.42 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BF106415.D
Acq: 14 Jun 2018 2:35

Instrument :
BNA_F
ClientSampled :
PB110157BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.1	16.1	24.1
150	13.3	10.1	15.1

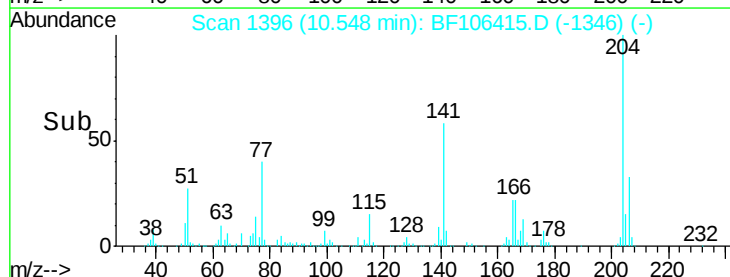
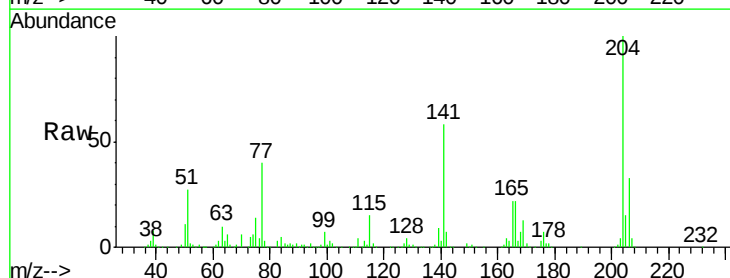
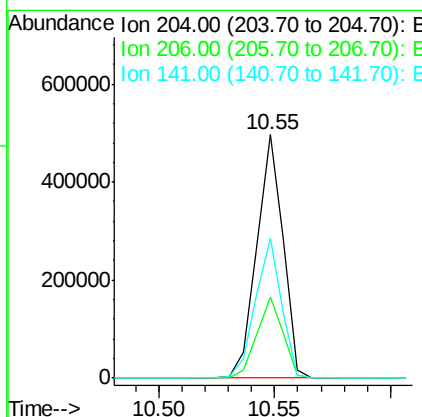
Manual Integrations
APPROVED

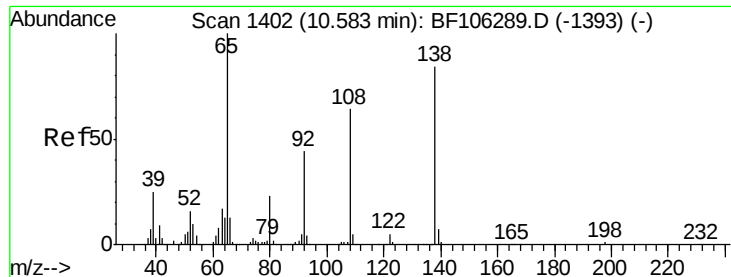
Sohil
6/14/2018 2:48:05 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.595 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF106415.D
Acq: 14 Jun 2018 2:35

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.5	39.7
141	57.7	54.6	81.8





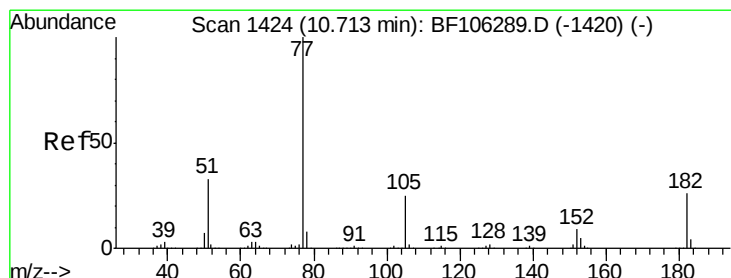
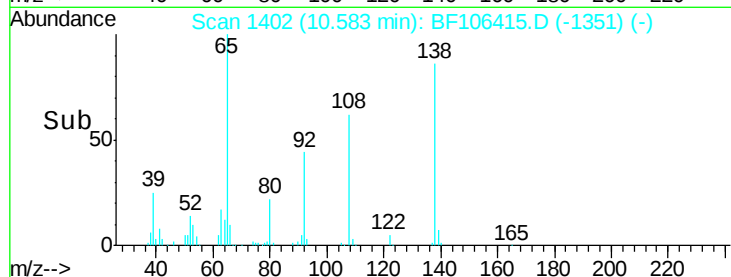
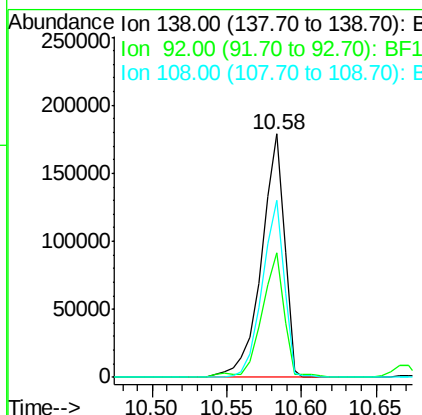
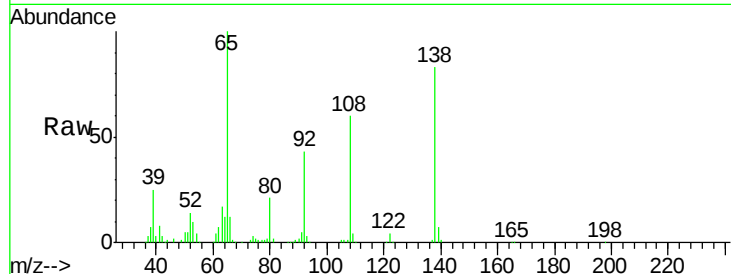
#61
4-Nitroaniline
Concen: 41.805 ng
RT: 10.58 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF106415.D
Acq: 14 Jun 2018 2:35

Instrument :
BNA_F
ClientSampleId :
PB110157BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.4	30.2	70.2
108	72.6	52.5	92.5

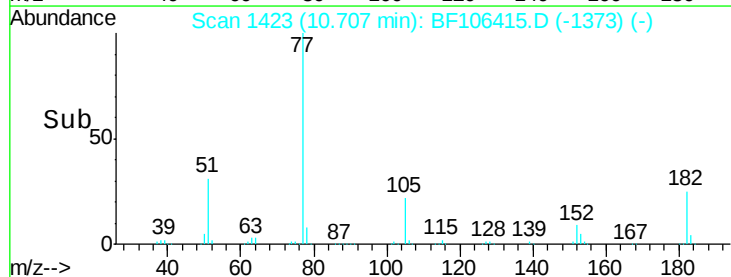
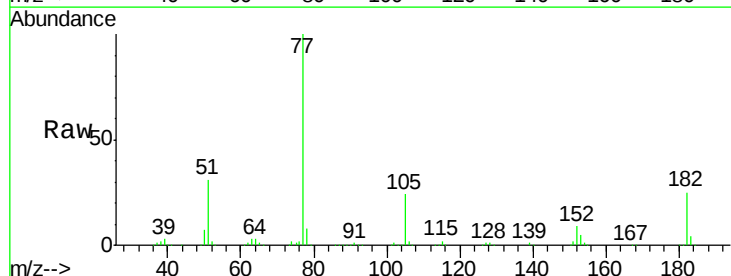
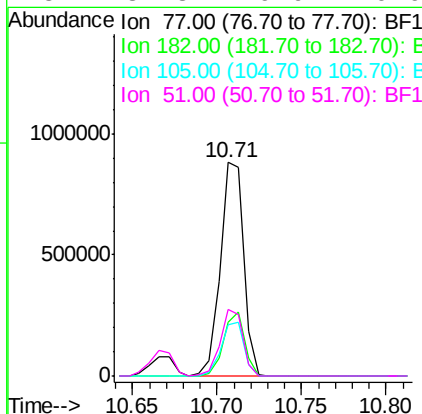
Manual Integrations
APPROVED

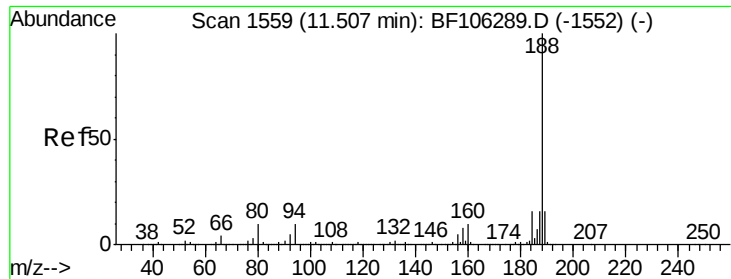
Sohil
6/14/2018 2:48:05 PM



#62
Azobenzene
Concen: 42.665 ng
RT: 10.71 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF106415.D
Acq: 14 Jun 2018 2:35

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.9	1.7	41.7
105	24.1	3.0	43.0
51	31.3	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF106415.D

Acq: 14 Jun 2018 2:35

Instrument :

BNA_F

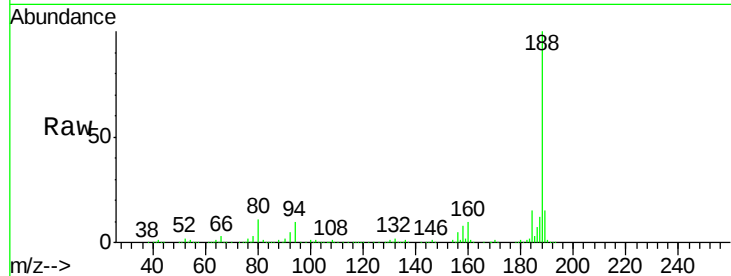
ClientSampleId :

PB110157BS

Tot Ion:	188	Resp:	523159
Ion Ratio	Lower	Upper	
188	100		
94	9.5	8.5	12.7
80	10.7	9.2	13.8

Manual Integrations
APPROVED

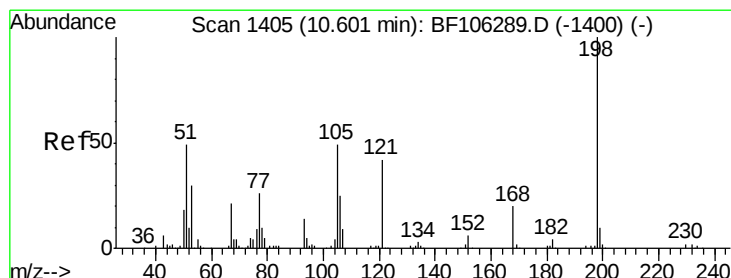
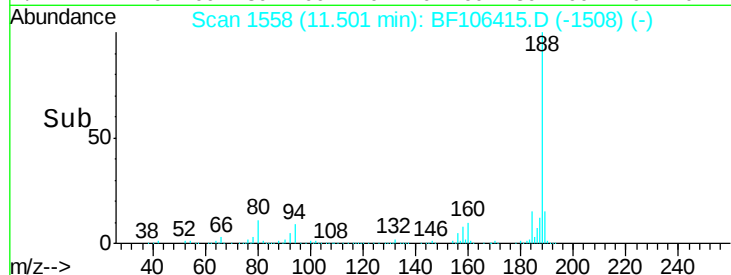
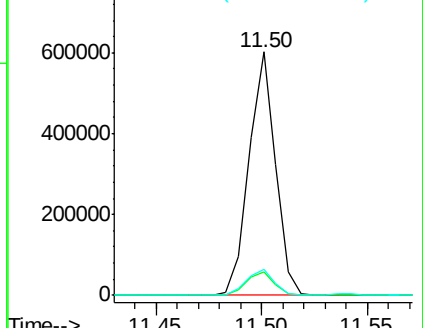
Sohil
6/14/2018 2:48:05 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 41.442 ng

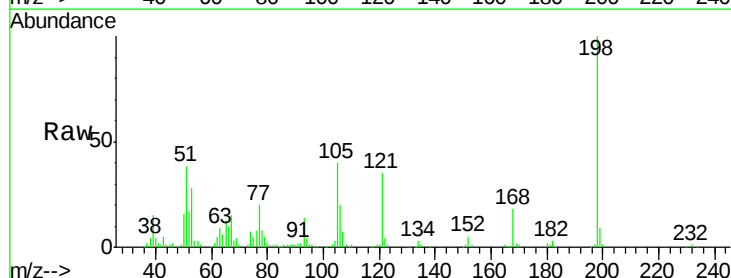
RT: 10.61 min Scan# 1406

Delta R.T. -0.00 min

Lab File: BF106415.D

Acq: 14 Jun 2018 2:35

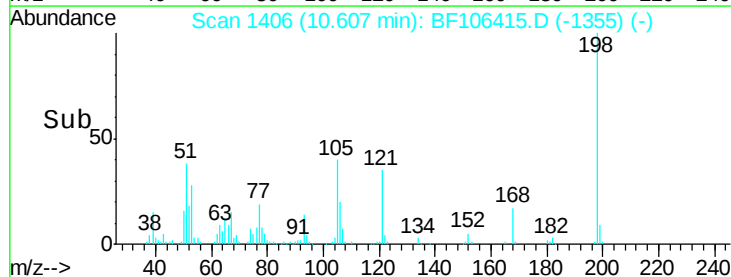
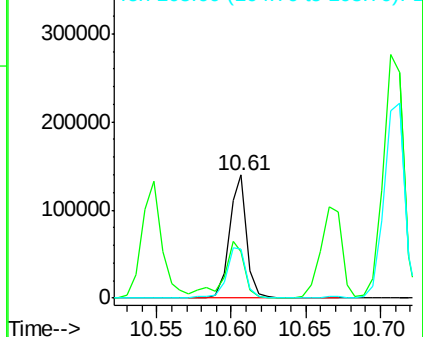
Tgt Ion:	198	Resp:	114162
Ion Ratio	Lower	Upper	
198	100		
51	37.7	37.7	77.7
105	39.8	36.3	76.3

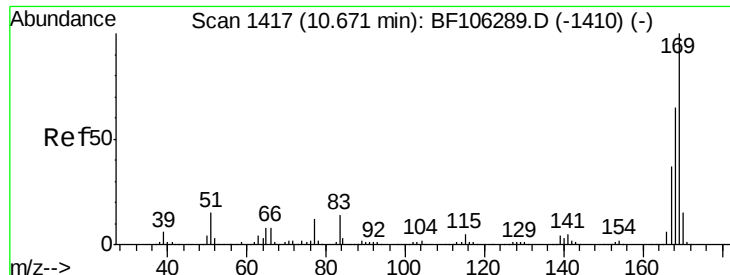


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





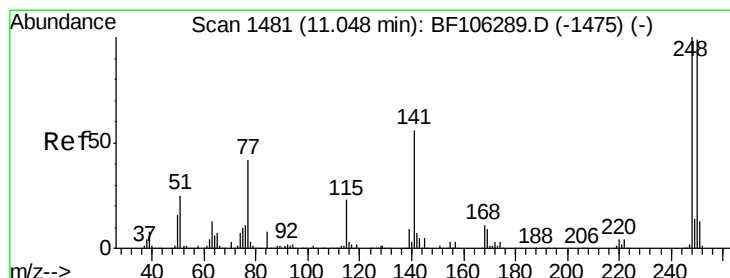
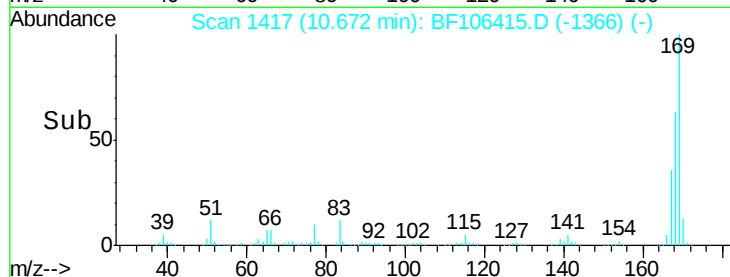
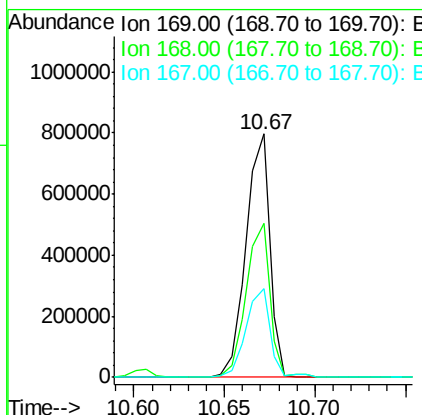
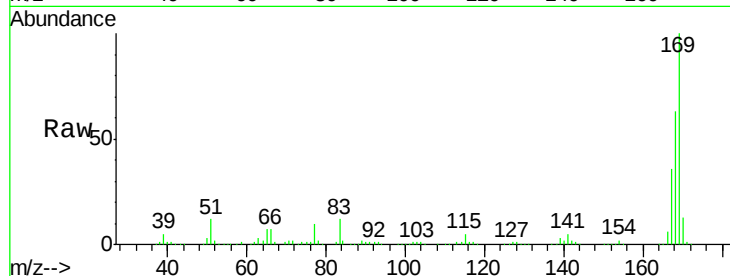
#65
n-Nitrosodiphenylamine
Concen: 41.365 ng
RT: 10.67 min Scan# 1417
Delta R.T. -0.00 min
Lab File: BF106415.D
Acq: 14 Jun 2018 2:35

Instrument :
BNA_F
ClientSampleId :
PB110157BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	727300		
168	63.2		54.4	81.6
167	36.4		29.8	44.6

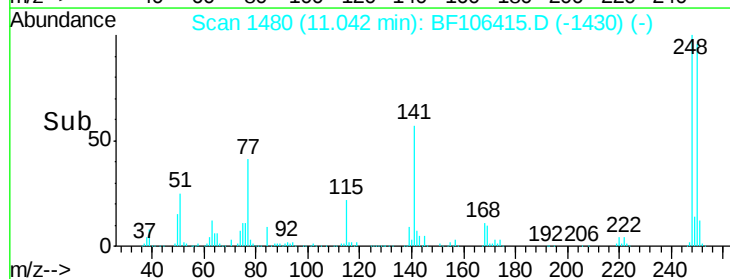
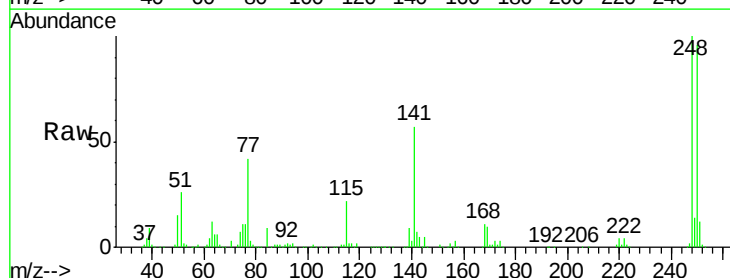
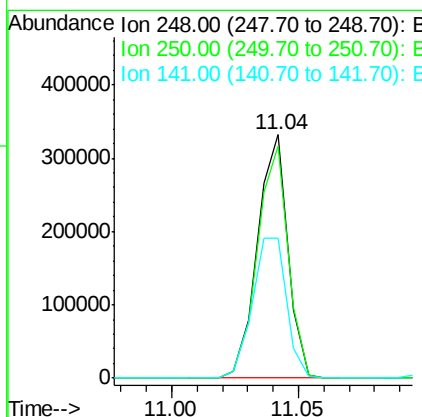
Manual Integrations
APPROVED

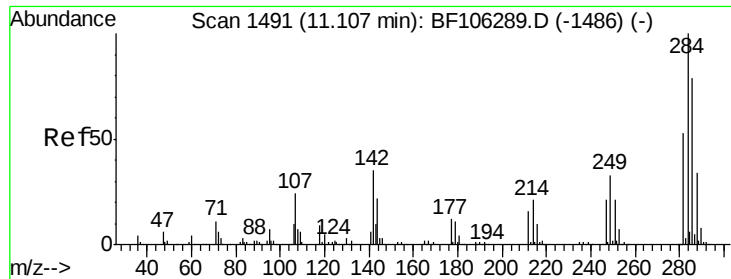
Sohil
6/14/2018 2:48:05 PM



#66
4-Bromophenyl-phenylether
Concen: 46.572 ng
RT: 11.04 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BF106415.D
Acq: 14 Jun 2018 2:35

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	277120		
250	95.5		76.9	115.3
141	57.3		74.4	111.6#





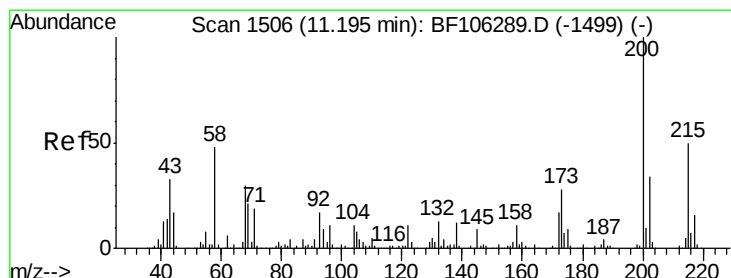
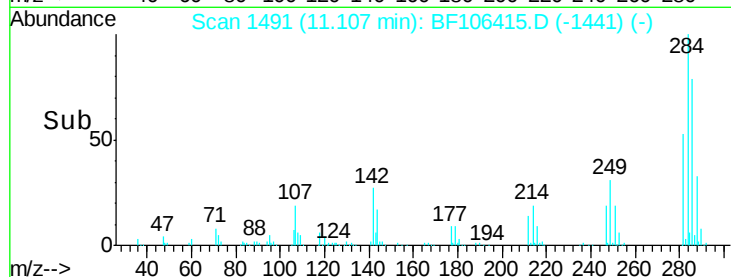
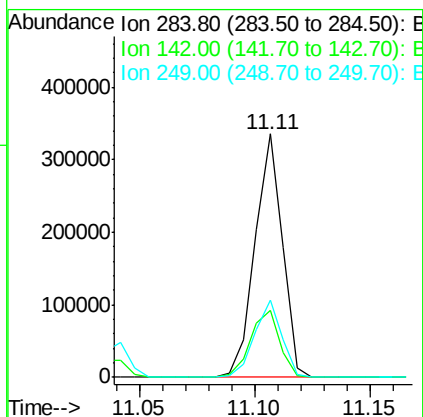
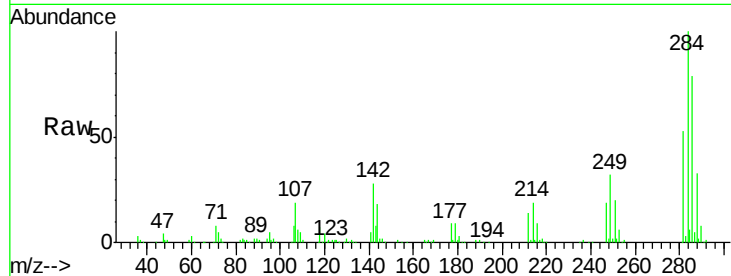
#67
Hexachlorobenzene
Concen: 45.459 ng
RT: 11.11 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BF106415.D
Acq: 14 Jun 2018 2:35

Instrument :
BNA_F
ClientSampleId :
PB110157BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	278868		
142	27.7	34.6	52.0#	
249	31.7	24.8	37.2	

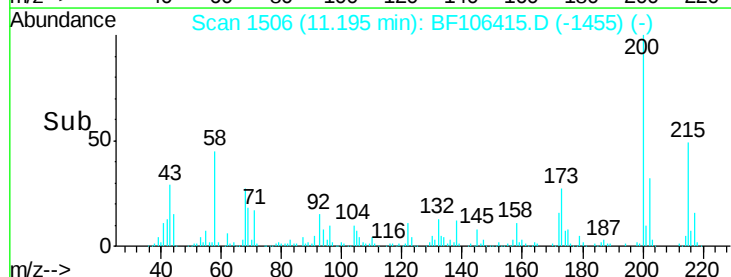
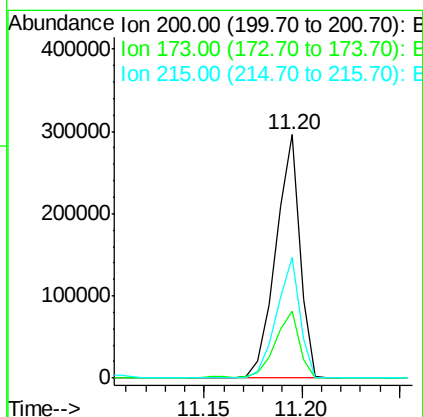
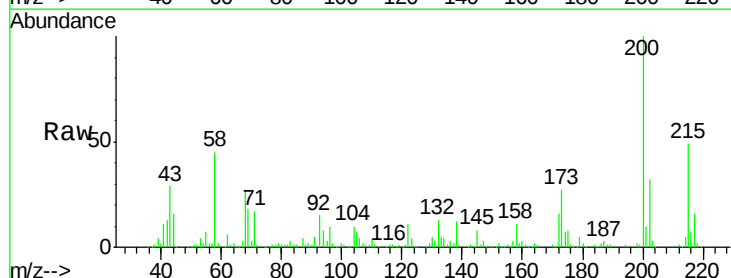
Manual Integrations
APPROVED

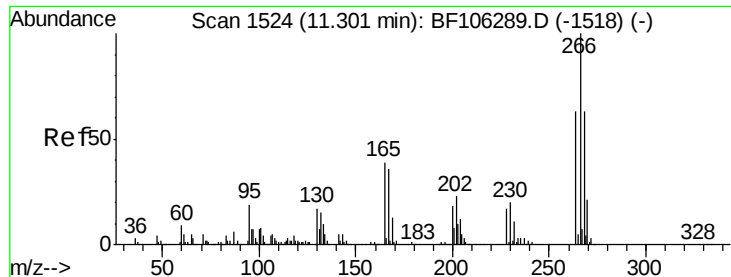
Sohil
6/14/2018 2:48:05 PM



#68
Atrazine
Concen: 46.736 ng
RT: 11.20 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BF106415.D
Acq: 14 Jun 2018 2:35

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	253234		
173	27.3	8.6	48.6	
215	49.4	25.1	65.1	





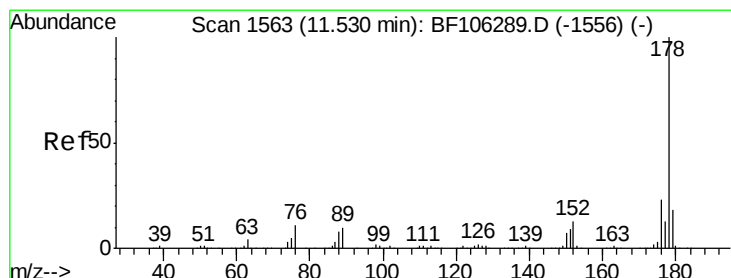
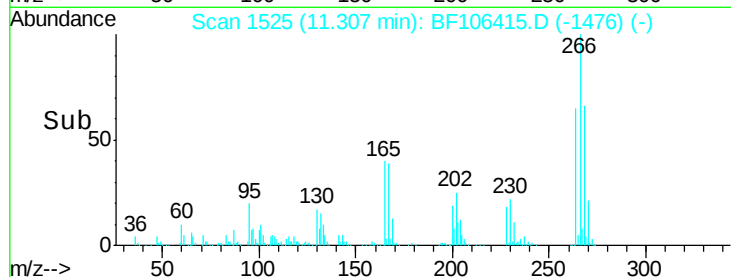
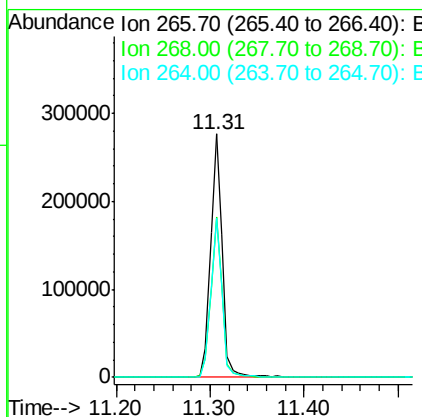
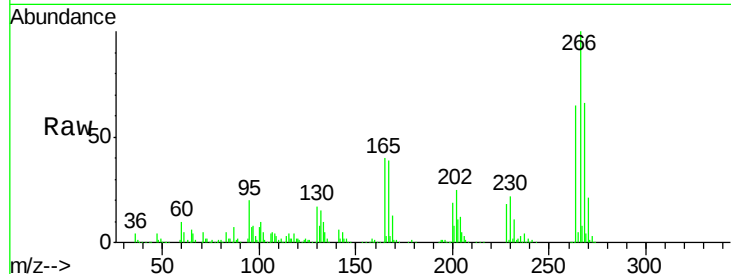
#69
 Pentachlorophenol
 Concen: 65.100 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. -0.01 min
 Lab File: BF106415.D
 Acq: 14 Jun 2018 2:35

Instrument :
 BNA_F
 ClientSampleId :
 PB110157BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	245870		
268	65.6	51.1	76.7	
264	65.4	49.5	74.3	

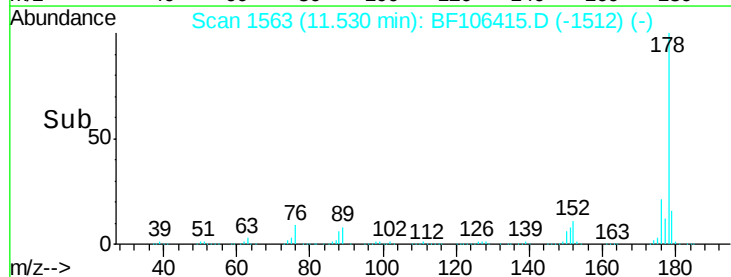
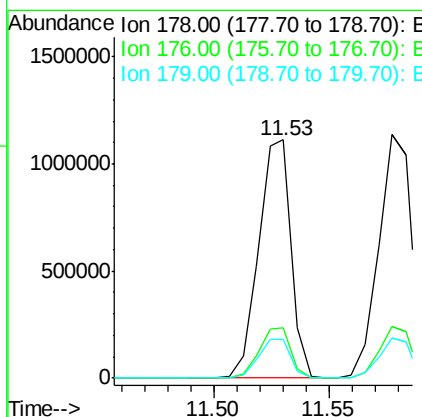
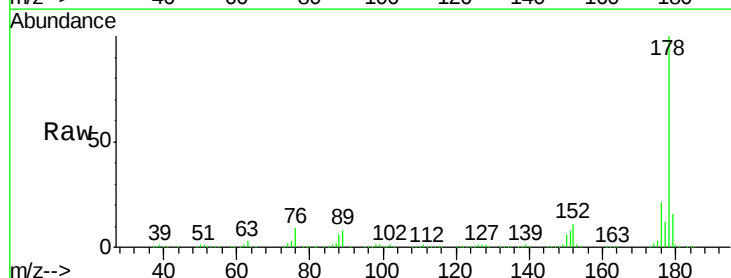
Manual Integrations
 APPROVED

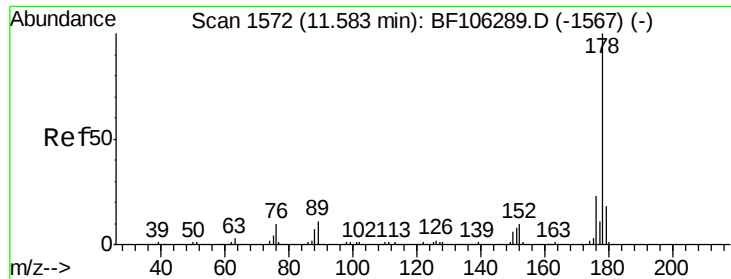
Sohil
 6/14/2018 2:48:05 PM



#70
 Phenanthrene
 Concen: 42.321 ng
 RT: 11.53 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: BF106415.D
 Acq: 14 Jun 2018 2:35

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1084308		
176	21.2	15.8	23.8	
179	16.3	13.0	19.6	





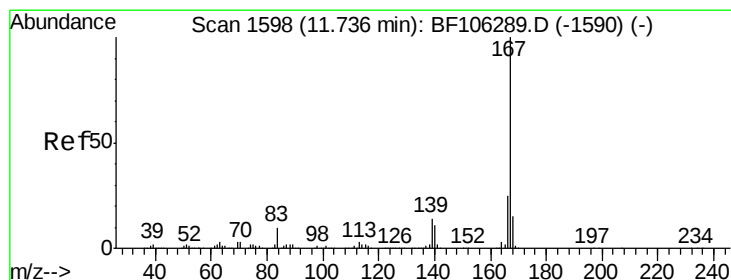
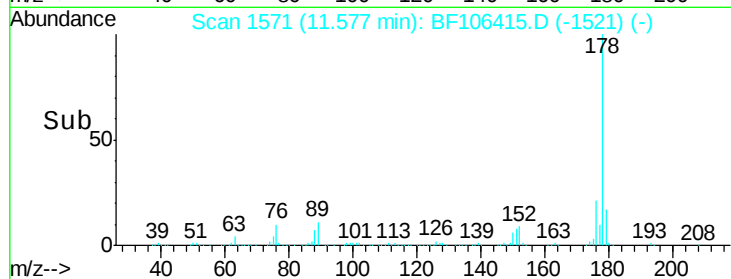
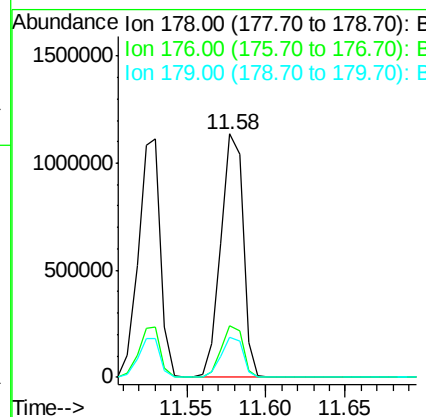
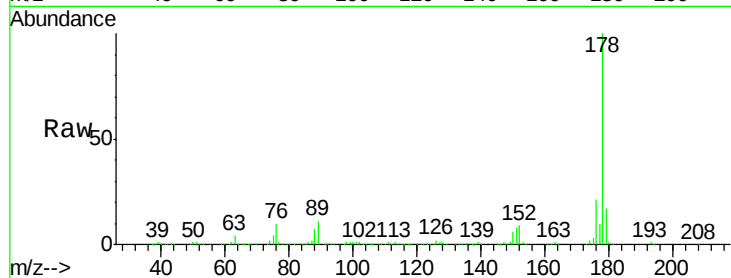
#71
 Anthracene
 Concen: 43.304 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF106415.D
 Acq: 14 Jun 2018 2:35

Instrument :
 BNA_F
 ClientSampleId :
 PB110157BS

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	21.0	15.4	23.2	
179	16.7	12.6	19.0	

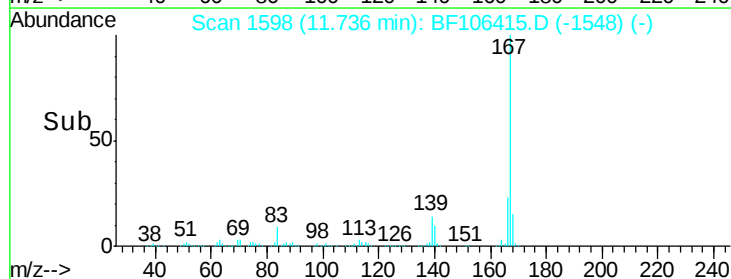
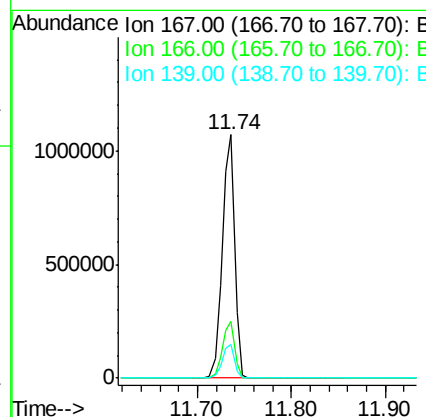
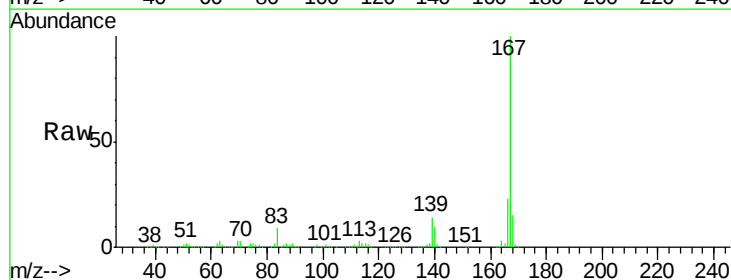
Manual Integrations
 APPROVED

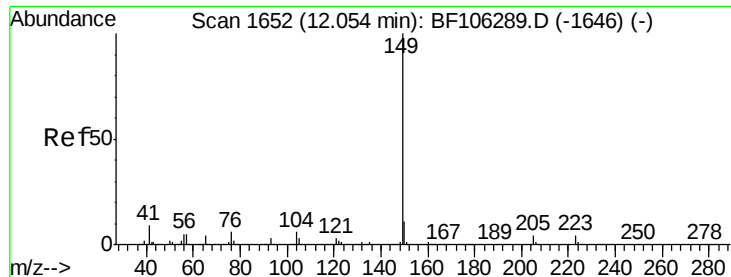
Sohil
 6/14/2018 2:48:05 PM



#72
 Carbazole
 Concen: 41.661 ng
 RT: 11.74 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF106415.D
 Acq: 14 Jun 2018 2:35

Tgt Ion	Ion	Ratio	Lower	Upper
167	100			
166	23.2	17.6	26.4	
139	13.7	10.9	16.3	





#73

Di-n-butylphthalate

Concen: 46.454 ng

RT: 12.05 min Scan# 1652

Delta R.T. -0.01 min

Lab File: BF106415.D

Acq: 14 Jun 2018 2:35

Instrument :

BNA_F

ClientSampleId :

PB110157BS

Tot Ion:149 Resp: 1225148

Ion Ratio Lower Upper

149 100

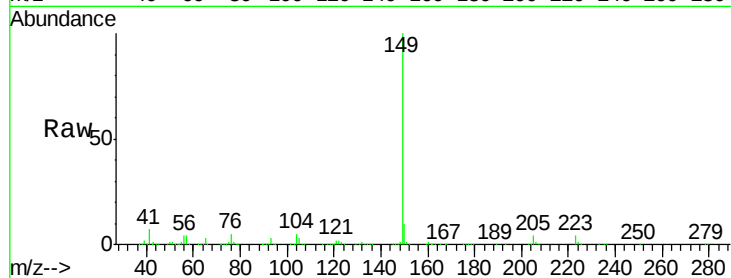
150 10.1 7.8 11.6

104 5.2 3.8 5.8

Manual Integrations
APPROVED

Sohil

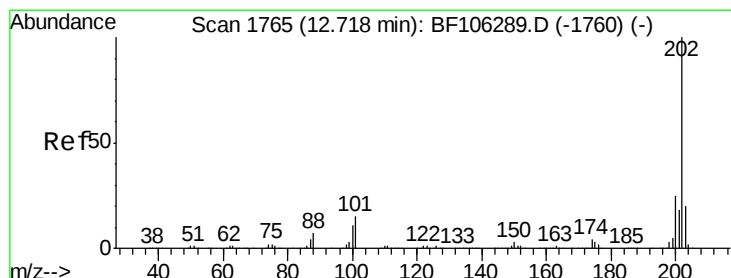
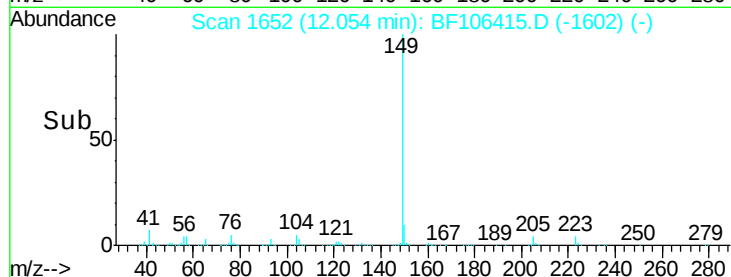
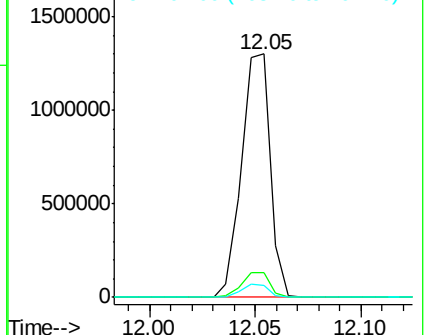
6/14/2018 2:48:05 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.110 ng

RT: 12.72 min Scan# 1765

Delta R.T. -0.01 min

Lab File: BF106415.D

Acq: 14 Jun 2018 2:35

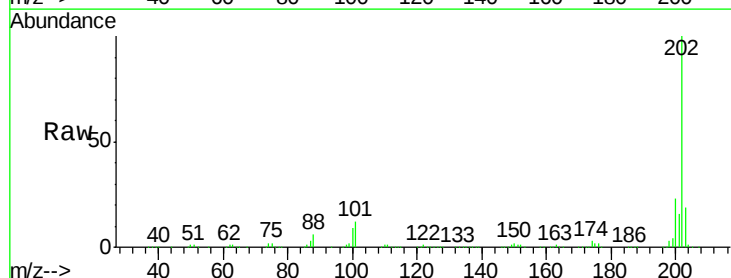
Tgt Ion:202 Resp: 1068626

Ion Ratio Lower Upper

202 100

101 11.9 0.0 34.1

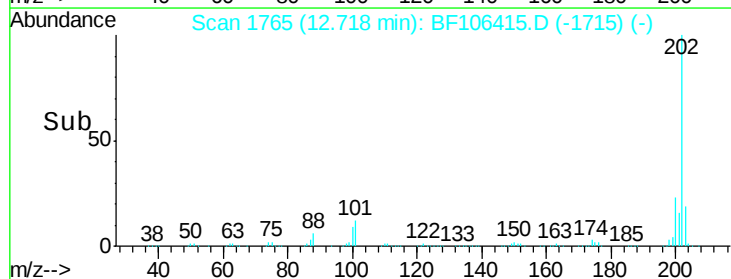
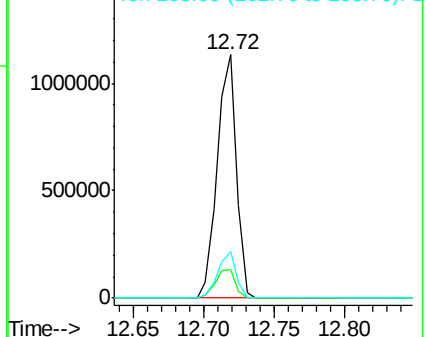
203 19.2 0.0 38.1

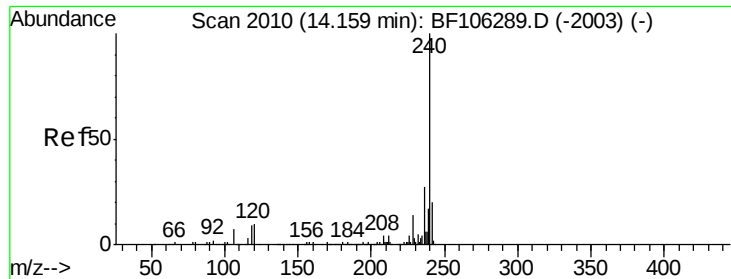


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106415.D

Acq: 14 Jun 2018 2:35

Instrument :

BNA_F

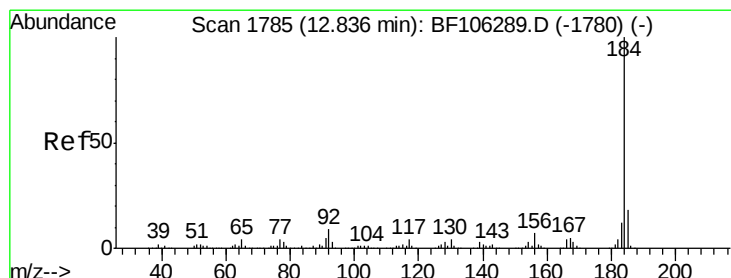
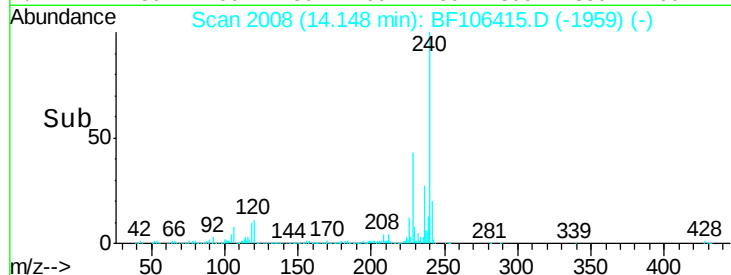
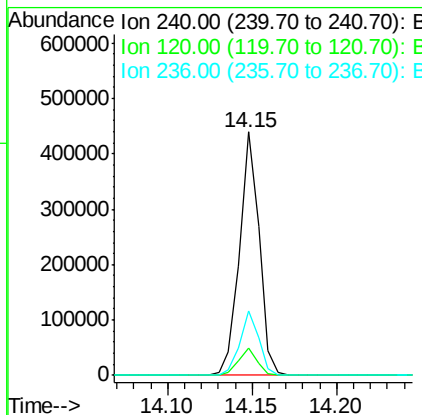
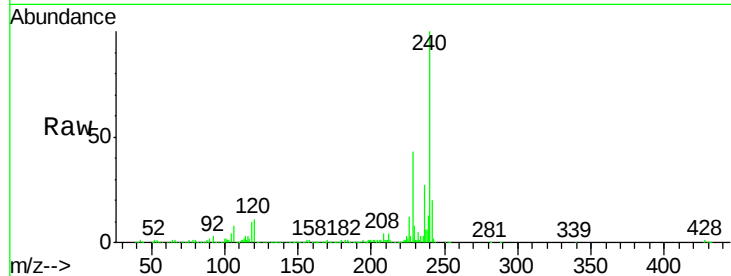
ClientSampleId :

PB110157BS

Tot Ion:	240	Resp:	356071
Ion Ratio	Lower	Upper	
240	100		
120	11.0	9.5	14.3
236	26.5	20.7	31.1

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#76

Benzidine

Concen: 44.468 ng

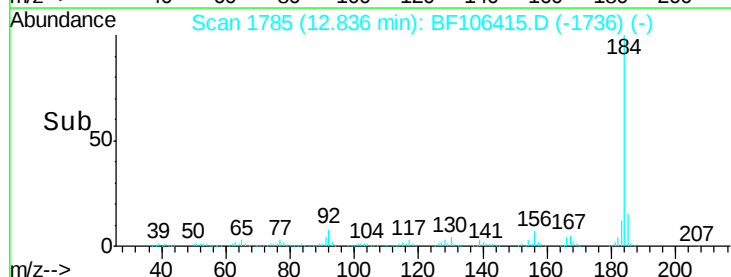
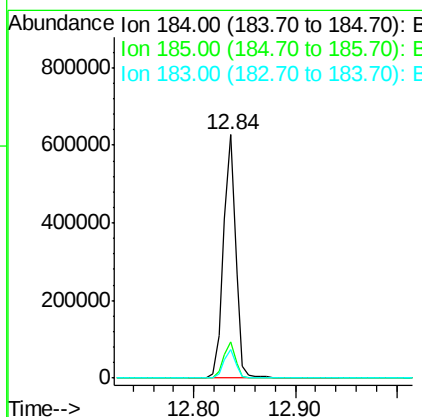
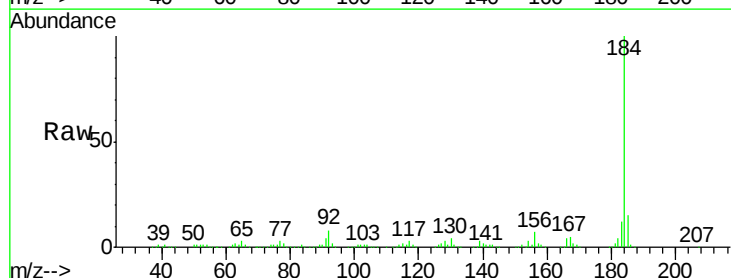
RT: 12.84 min Scan# 1785

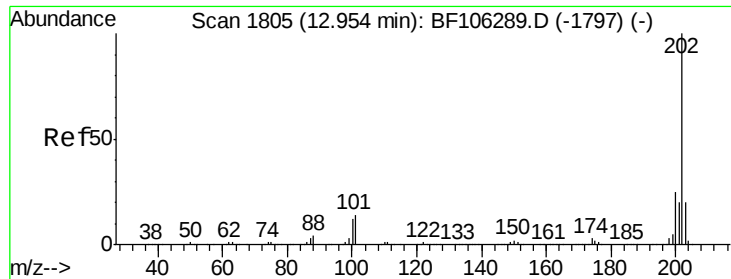
Delta R.T. -0.01 min

Lab File: BF106415.D

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Tgt Ion:	184	Resp:	526968
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.6	18.8
183	11.8	9.3	13.9





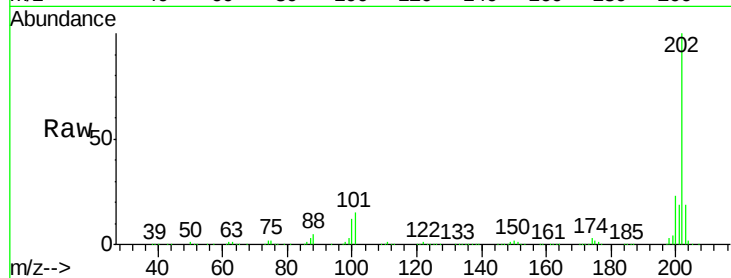
#77
Pvrene
Concen: 46.348 ng
RT: 12.95 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF106415.D
Acq: 14 Jun 2018 2:35

Instrument :
BNA_F
ClientSampleId :
PB110157BS

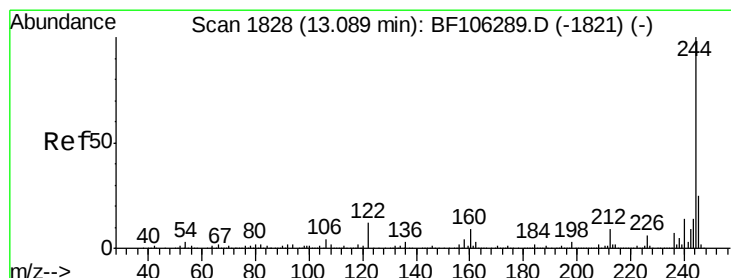
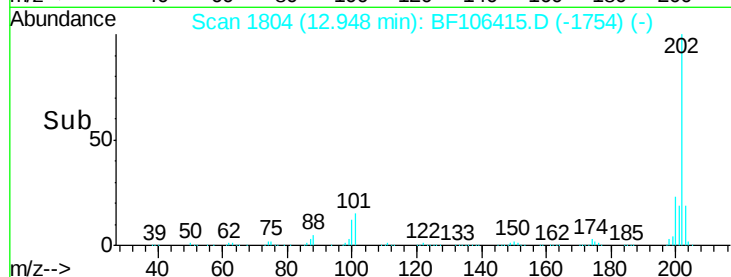
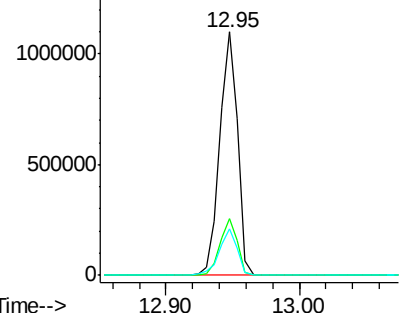
Tot Ion	Ratio	Lower	Upper
202	100		
200	23.4	17.4	26.2
203	19.0	14.3	21.5

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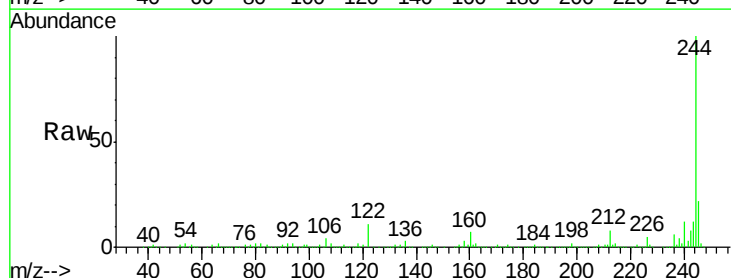


Abundance Ion 202.00 (201.70 to 202.70): E
1500000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

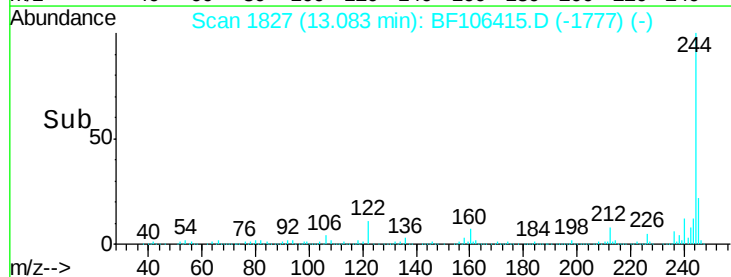
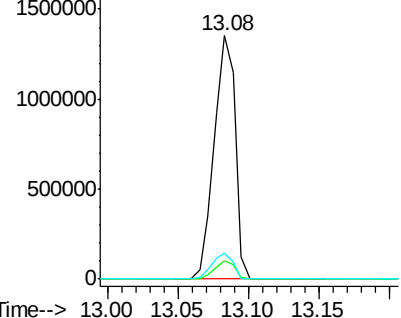


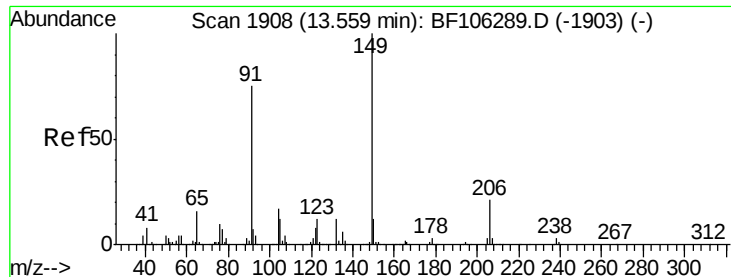
#78
Terphenyl-d14
Concen: 97.852 ng
RT: 13.08 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BF106415.D
Acq: 14 Jun 2018 2:35

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.4	8.0
122	10.6	11.0	16.4#



Abundance Ion 244.00 (243.70 to 244.70): E
1500000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





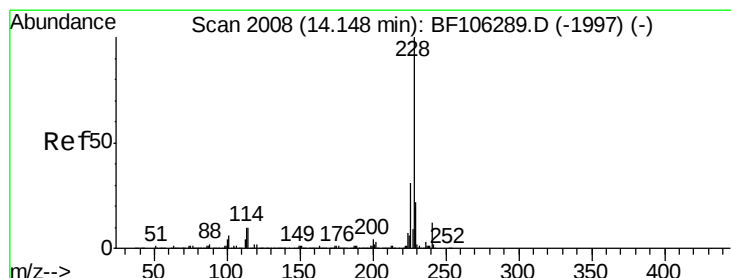
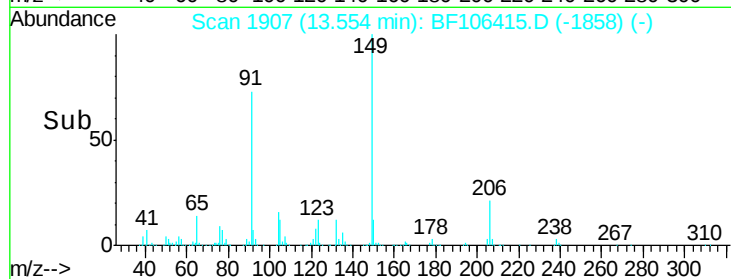
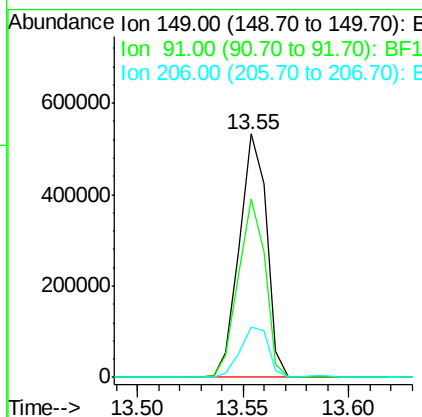
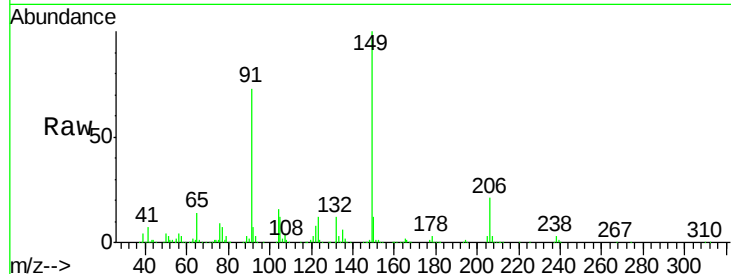
#79
Butylbenzylphthalate
Concen: 57.145 ng
RT: 13.55 min Scan# 1907
Delta R.T. -0.01 min
Lab File: BF106415.D
Acq: 14 Jun 2018 2:35

Instrument :
BNA_F
ClientSampleId :
PB110157BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	476850		
91	73.5	56.8	85.2	
206	20.9	14.1	21.1	

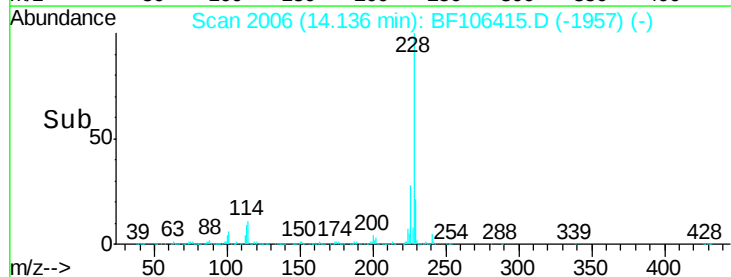
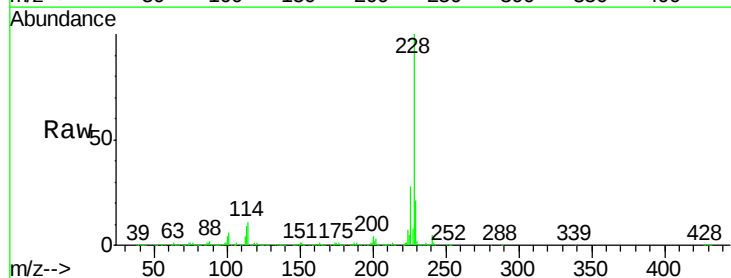
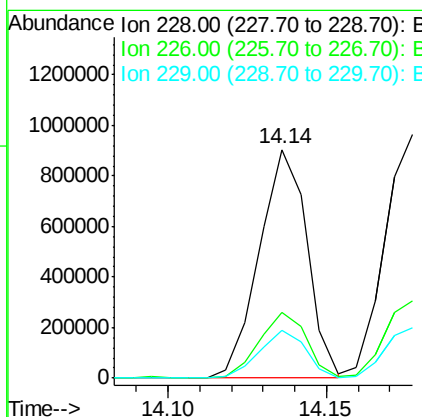
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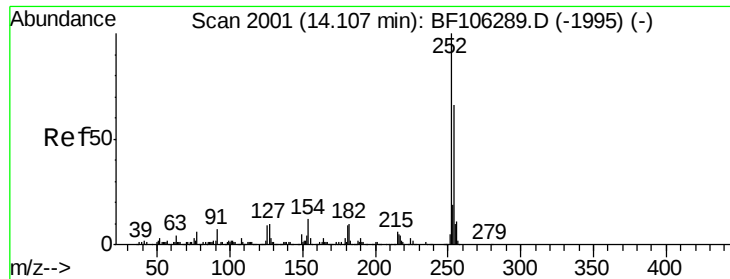
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#80
Benzo(a)anthracene
Concen: 44.817 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF106415.D
Acq: 14 Jun 2018 2:35

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	949648		
226	28.5	22.6	33.8	
229	20.6	15.8	23.6	





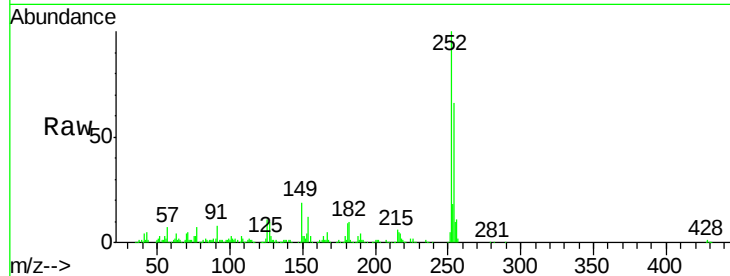
#81
 3,3'-Dichlorobenzidine
 Concen: 31.808 ng
 RT: 14.09 min Scan# 1999
 Delta R.T. -0.01 min
 Lab File: BF106415.D
 Acq: 14 Jun 2018 2:35

Instrument :
 BNA_F
 ClientSampleId :
 PB110157BS

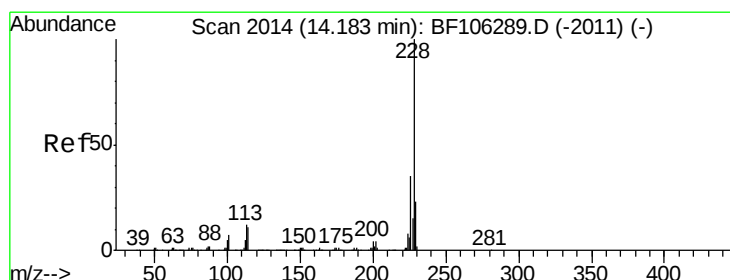
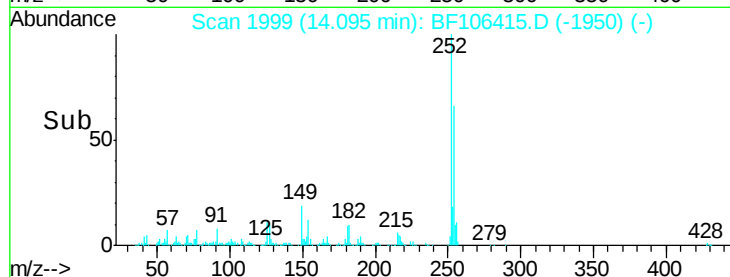
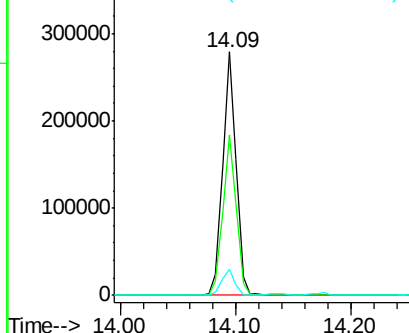
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.7	50.4	75.6
126	10.7	11.3	16.9

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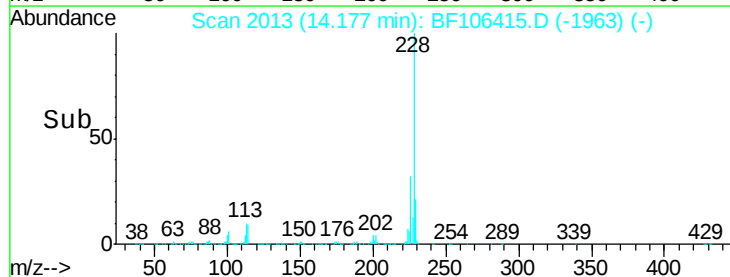
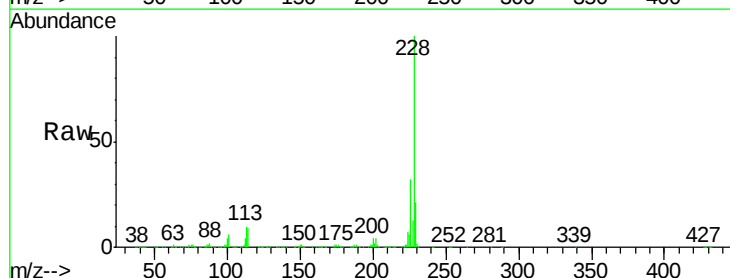
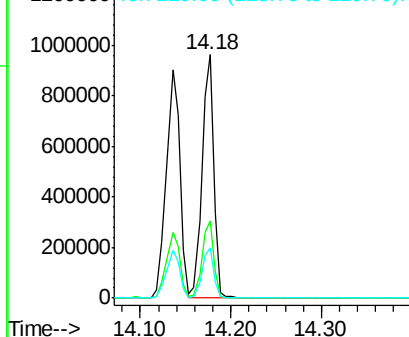
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

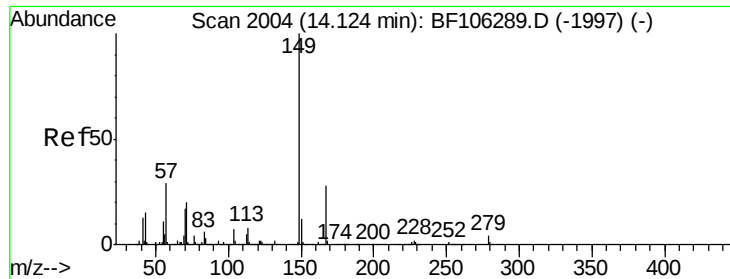


#82
 Chrysene
 Concen: 45.573 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF106415.D
 Acq: 14 Jun 2018 2:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.0	37.6
229	20.6	16.2	24.4

Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





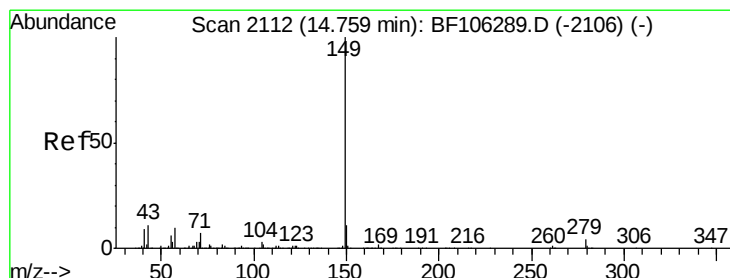
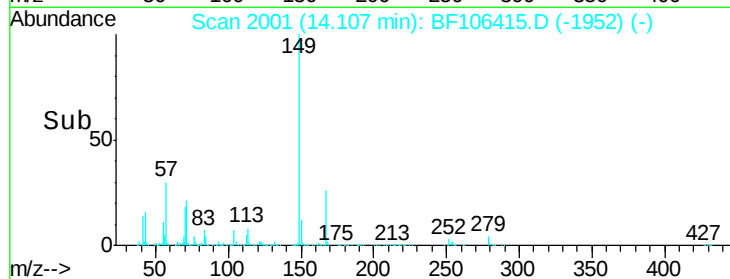
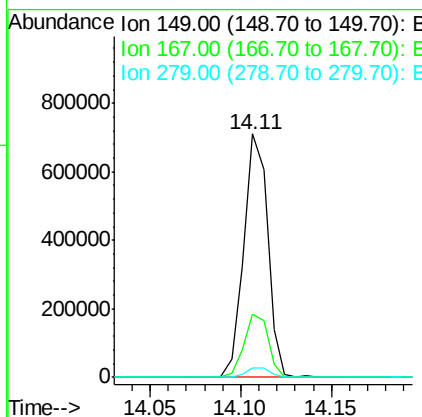
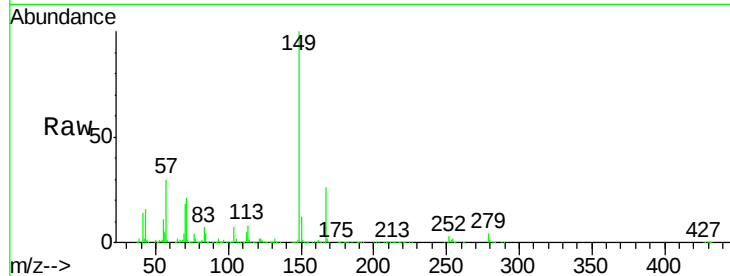
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 54.634 ng
 RT: 14.11 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF106415.D
 Acq: 14 Jun 2018 2:35

Instrument :
 BNA_F
 ClientSampleId :
 PB110157BS

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

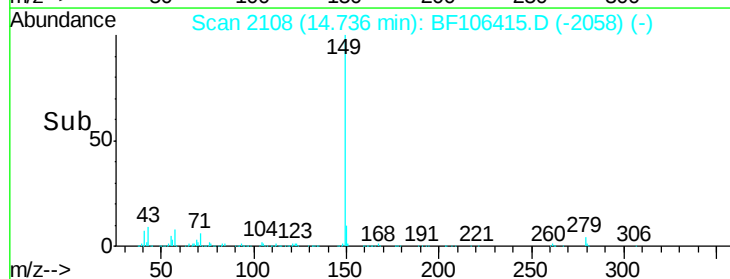
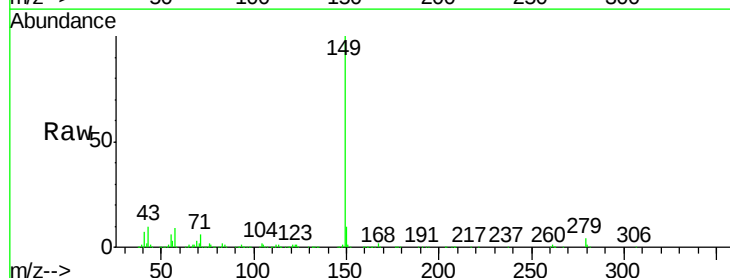
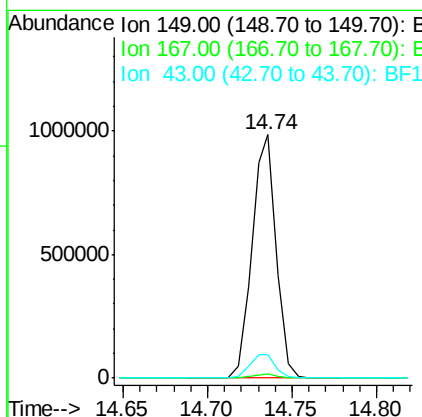
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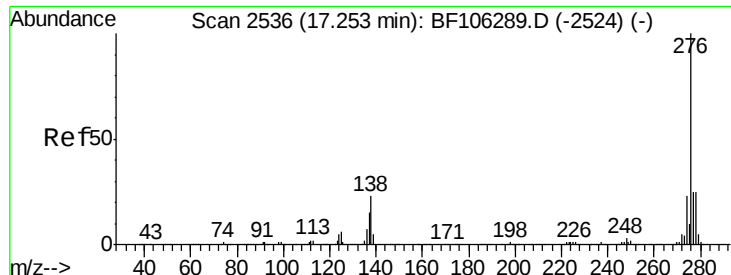
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#84
 Di-n-octyl phthalate
 Concen: 56.651 ng
 RT: 14.74 min Scan# 2108
 Delta R.T. -0.01 min
 Lab File: BF106415.D
 Acq: 14 Jun 2018 2:35

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.3	8.4	12.6





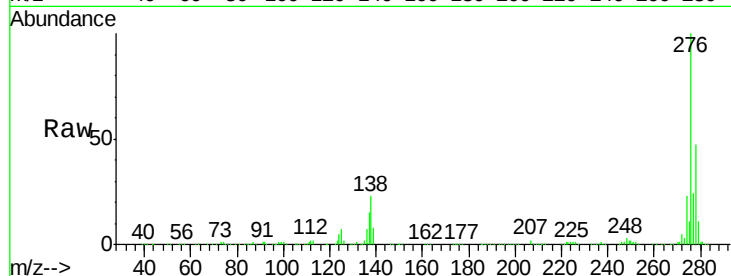
#85
Indeno(1,2,3-cd)pyrene
Concen: 50.560 ng
RT: 17.24 min Scan# 2534
Delta R.T. -0.02 min
Lab File: BF106415.D
Acq: 14 Jun 2018 2:35

Instrument :
BNA_F
ClientSampleId :
PB110157BS

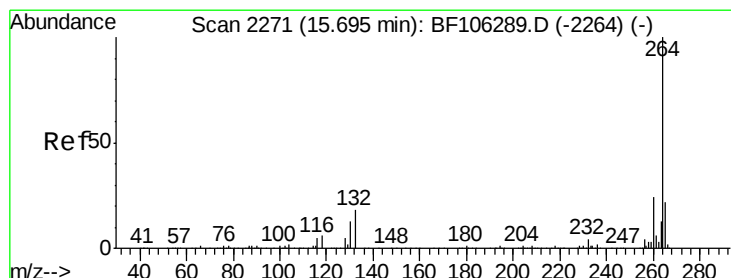
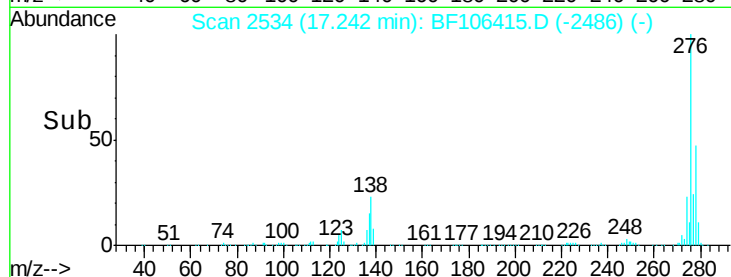
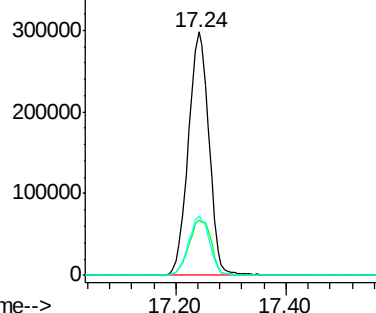
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.6	25.0	37.6#
277	24.6	20.1	30.1

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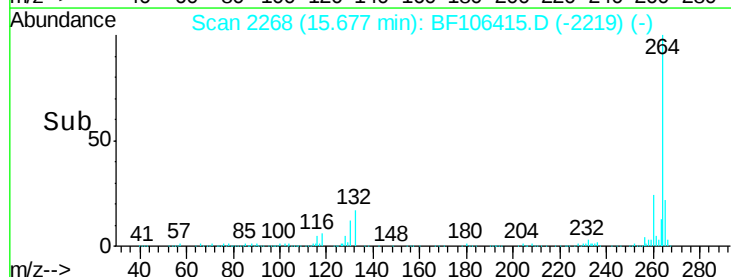
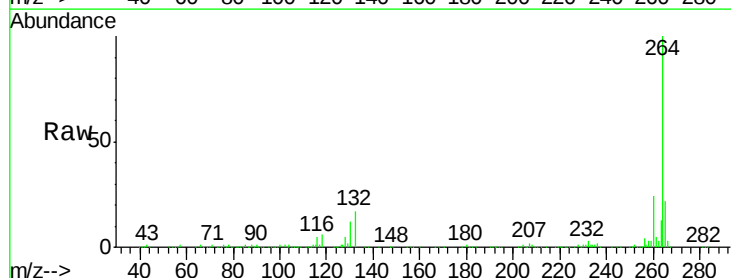
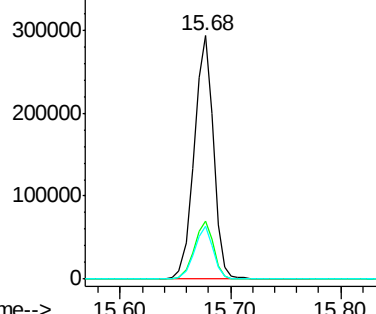
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

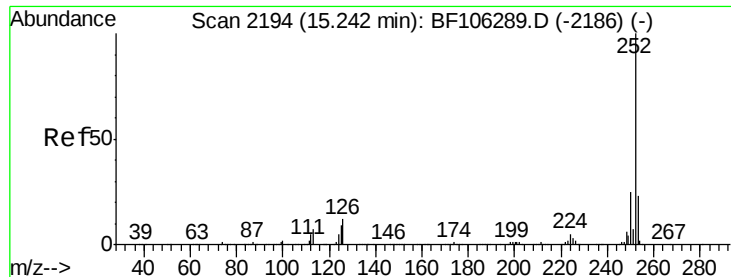


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF106415.D
Acq: 14 Jun 2018 2:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.6	17.5	26.3

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





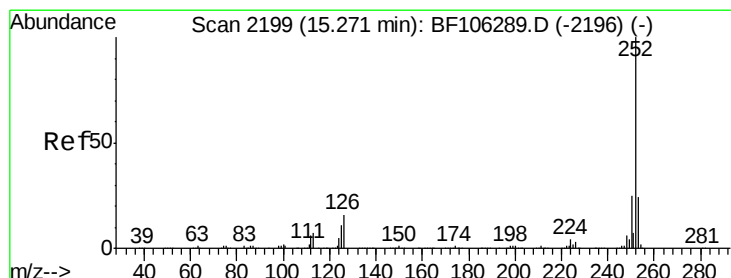
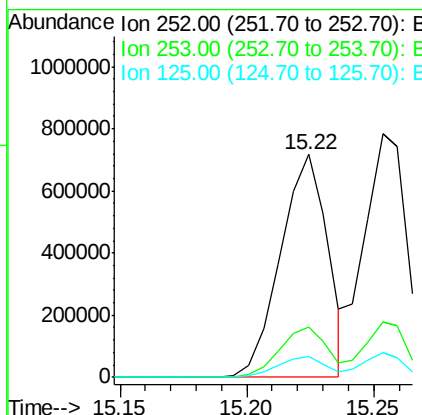
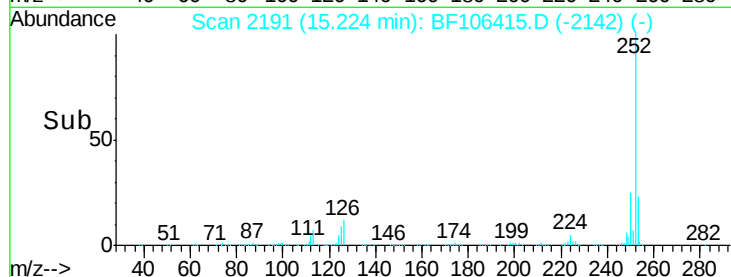
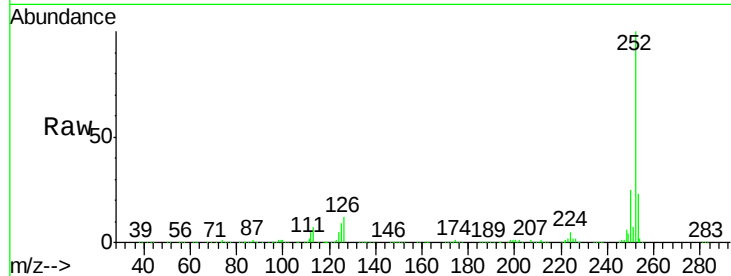
#87
Benzo(b)fluoranthene
Concen: 42.729 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BF106415.D
Acq: 14 Jun 2018 2:35

Instrument :
BNA_F
ClientSampleId :
PB110157BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	9.3	9.0	13.6

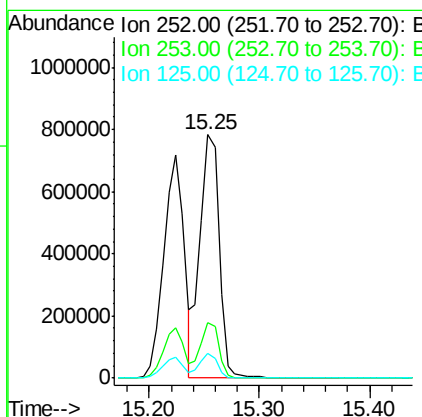
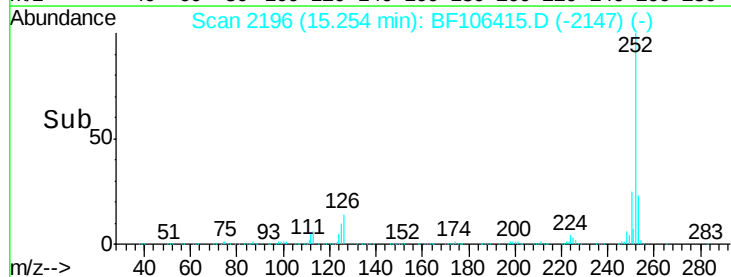
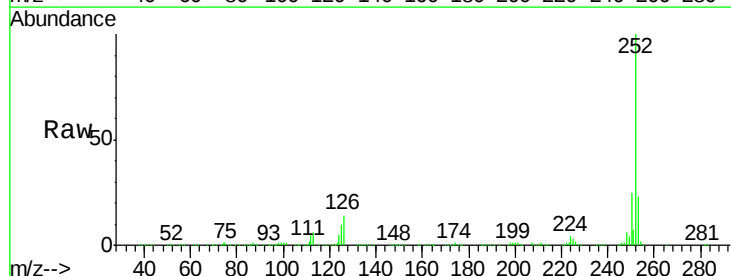
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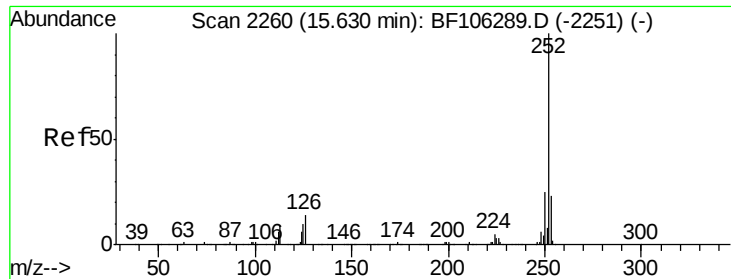
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#88
Benzo(k)fluoranthene
Concen: 42.996 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF106415.D
Acq: 14 Jun 2018 2:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	10.0	10.2	15.2#





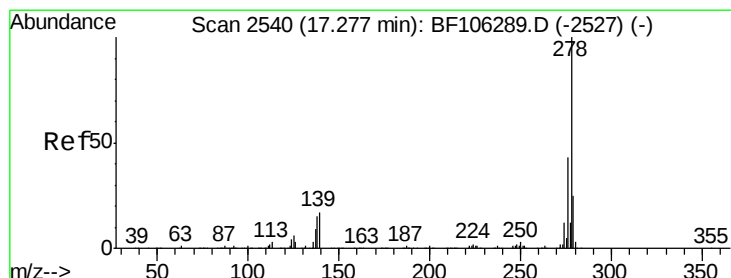
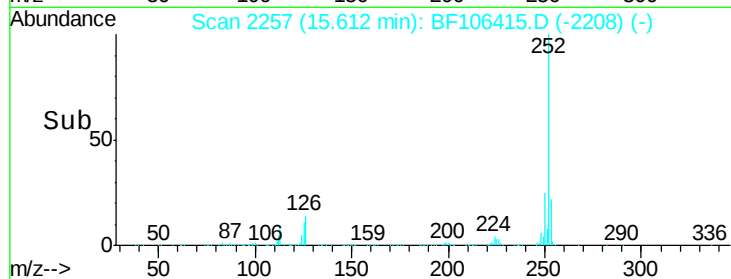
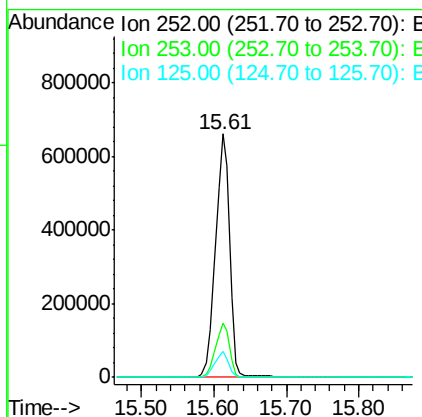
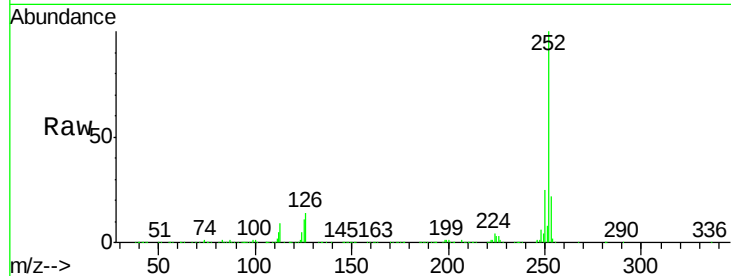
#89
Benzo(a)pyrene
Concen: 45.792 ng
RT: 15.61 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BF106415.D
Acq: 14 Jun 2018 2:35

Instrument :
BNA_F
ClientSampleId :
PB110157BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	10.8	9.8	14.6

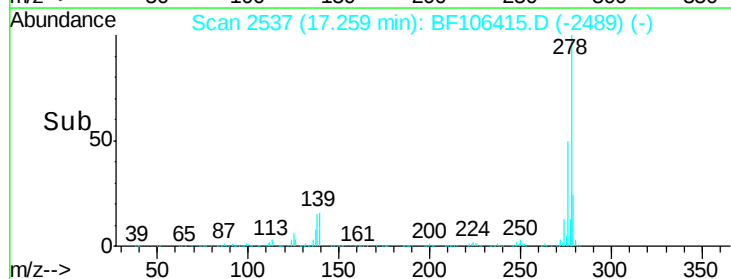
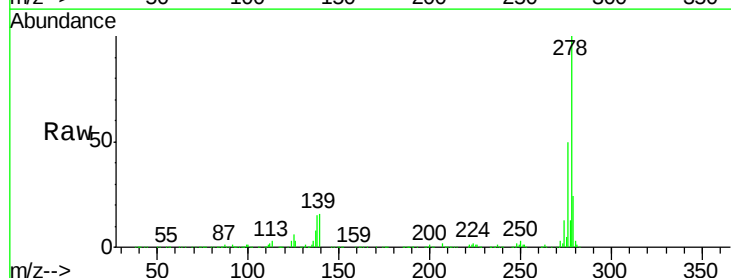
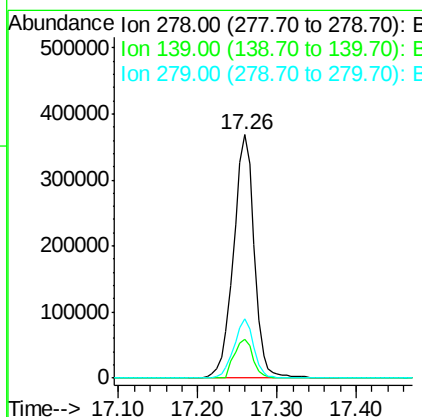
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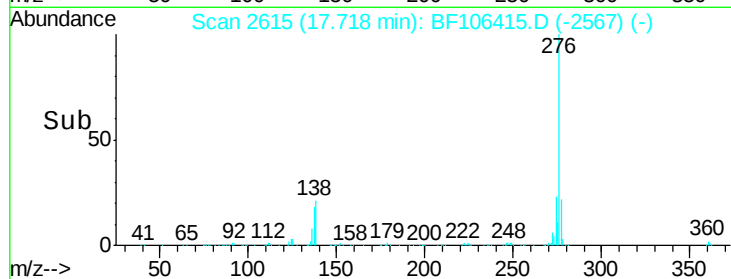
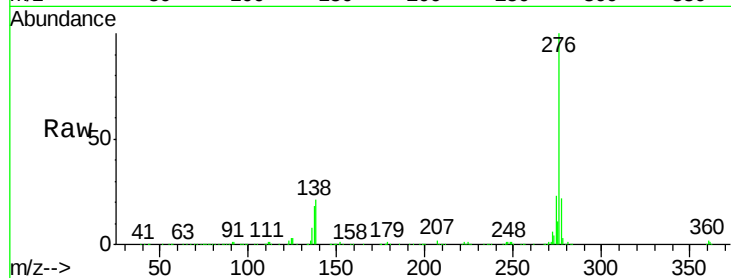
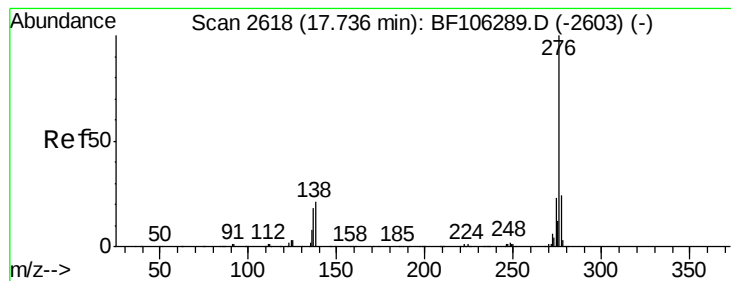
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#90
Dibenzo(a,h)anthracene
Concen: 41.145 ng
RT: 17.26 min Scan# 2537
Delta R.T. -0.02 min
Lab File: BF106415.D
Acq: 14 Jun 2018 2:35

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.9	15.9	23.9#
279	24.3	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 38.062 ng

RT: 17.72 min Scan# 2615

Delta R.T. -0.02 min

Lab File: BF106415.D

Acq: 14 Jun 2018 2:35

Tot Ion:	276	Resp:	601069
Ion Ratio		Lower	Upper
276	100		
277	22.2	17.9	26.9
138	20.8	21.8	32.8

Instrument :

BNA_F

ClientSampleId :

PB110157BS

Manual Integrations
APPROVED

Sohil
6/14/2018 2:48:05 PM

