

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
 Data File : BF106401.D
 Acq On : 13 Jun 2018 19:48
 Operator : JU/SJ
 Sample : J3446-03MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-3MSD

Manual Integrations
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Sohil
 6/14/2018 2:47:50 PM

Quant Time: Jun 14 03:44:51 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	142774	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	545567	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	260028	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	482160	20.00	ng	0.00
75) Chrysene-d12	14.15	240	341959	20.00	ng	-0.01
86) Perylene-d12	15.68	264	356182	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	780166	92.48	ng	-0.01
7) Phenol-d6	6.61	99	929170	87.18	ng	-0.01
23) Nitrobenzene-d5	7.53	82	628233	67.74	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	273334	109.25	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1009569	63.25	ng	0.00
78) Terphenyl-d14	13.08	244	968115	70.32	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.84	88	110010	25.198	ng	96
3) Pyridine	3.61	79	308020	25.318	ng	98
4) n-Nitrosodimethylamine	3.57	42	154408	27.704	ng	# 99
6) Aniline	6.63	93	327009	21.012	ng	# 49
8) 2-Chlorophenol	6.77	128	294986	32.518	ng	98
9) Benzaldehyde	6.52	77	200808	24.840	ng	96
10) Phenol	6.62	94	405534	34.855	ng	# 70
11) bis(2-Chloroethyl)ether	6.70	93	304537	30.575	ng	97
12) 1,3-Dichlorobenzene	6.91	146	329922	30.901	ng	97
13) 1,4-Dichlorobenzene	6.98	146	335875	31.000	ng	99
14) 1,2-Dichlorobenzene	7.14	146	313175	30.705	ng	99
15) Benzyl Alcohol	7.11	79	276356	30.278	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.24	45	447703	31.357	ng	# 14
17) 2-Methylphenol	7.24	107	252640	31.215	ng	# 89
18) Hexachloroethane	7.48	117	112915	29.248	ng	97
19) n-Nitroso-di-n-propylamine	7.37	70	217677	27.224	ng	98
20) 3+4-Methylphenols	7.38	107	339582	32.809	ng	96
22) Acetophenone	7.37	105	419553	30.516	ng	98
24) Nitrobenzene	7.55	77	333895	33.125	ng	95
25) Isophorone	7.78	82	590047	32.574	ng	97
26) 2-Nitrophenol	7.87	139	157603	40.282	ng	99
27) 2,4-Dimethylphenol	7.91	122	271708	35.432	ng	98
28) bis(2-Chloroethoxy)methane	7.99	93	371058	31.592	ng	99
29) 2,4-Dichlorophenol	8.12	162	264143	35.704	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	268982	32.427	ng	95
31) Naphthalene	8.27	128	819437	33.226	ng	98
32) Benzoic acid	8.01	122	99434	22.200	ng	90
33) 4-Chloroaniline	8.32	127	212983	19.487	ng	98
34) Hexachlorobutadiene	8.38	225	167980	31.521	ng	99
35) Caprolactam	8.68	113	80330m	32.102	ng	
36) 4-Chloro-3-methylphenol	8.81	107	276793	33.823	ng	93
37) 2-Methylnaphthalene	8.97	142	563508	33.547	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	285441	33.815	ng	97
40) Hexachlorocyclopentadiene	9.11	237	131591	28.255	ng	98

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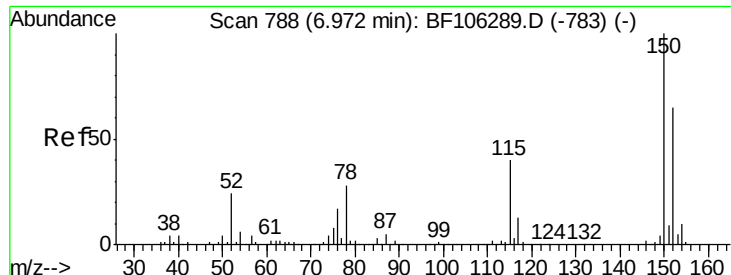
Manual Integrations
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 6/14/2018 2:47:50 PM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
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 QLast Update : Wed Jun 13 10:51:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	193311	35.935	nq	97
43) 2,4,5-Trichlorophenol	9.30	196	202358	34.894	nq	96
45) 1,1'-Biphenyl	9.42	154	661061	32.822	nq	100
46) 2-Chloronaphthalene	9.45	162	539829	33.493	nq	97
47) 2-Nitroaniline	9.55	65	191430	37.755	nq	86
48) Acenaphthylene	9.87	152	853840	34.610	nq	99
49) Dimethylphthalate	9.72	163	826205	44.473	nq	# 99
50) 2,6-Dinitrotoluene	9.79	165	138977	36.623	nq	96
51) Acenaphthene	10.04	154	520336	32.659	nq	98
52) 3-Nitroaniline	9.96	138	107247	23.812	nq	97
53) 2,4-Dinitrophenol	10.07	184	78905	49.026	nq	# 19
54) Dibenzofuran	10.21	168	721219	33.617	nq	95
55) 4-Nitrophenol	10.15	139	212839	61.652	nq	95
56) 2,4-Dinitrotoluene	10.20	165	187234	39.291	nq	92
57) Fluorene	10.56	166	555436	32.677	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	167646	36.474	nq	# 84
59) Diethylphthalate	10.42	149	603502	32.729	nq	95
60) 4-Chlorophenyl-phenylether	10.55	204	285478	31.932	nq	89
61) 4-Nitroaniline	10.58	138	135904	31.014	nq	98
62) Azobenzene	10.71	77	620111	32.252	nq	96
64) 4,6-Dinitro-2-methylphenol	10.60	198	66159	28.395	nq	82
65) n-Nitrosodiphenylamine	10.67	169	537275	33.156	nq	95
66) 4-Bromophenyl-phenylether	11.04	248	191953	35.002	nq	# 80
67) Hexachlorobenzene	11.11	284	188398	33.323	nq	# 87
68) Atrazine	11.19	200	174107	34.865	nq	96
69) Pentachlorophenol	11.31	266	156507	44.963	nq	98
70) Phenanthrene	11.52	178	781474	33.095	nq	98
71) Anthracene	11.58	178	787910	33.307	nq	98
72) Carbazole	11.73	167	702005	32.144	nq	99
73) Di-n-butylphthalate	12.05	149	877282	36.092	nq	99
74) Fluoranthene	12.72	202	727182	28.877	nq	96
76) Benzidine	12.84	184	464015	40.771	nq	98
77) Pyrene	12.95	202	708910	33.113	nq	100
79) Butylbenzylphthalate	13.55	149	297580	37.133	nq	# 97
80) Benzo(a)anthracene	14.14	228	663646	32.612	nq	99
81) 3,3'-Dichlorobenzidine	14.10	252	215724	31.419	nq	# 98
82) Chrysene	14.18	228	623305	33.548	nq	100
83) Bis(2-ethylhexyl)phthalate	14.11	149	389731	33.918	nq	99
84) Di-n-octyl phthalate	14.74	149	614744	37.111	nq	99
85) Indeno(1,2,3-cd)pyrene	17.24	276	582237	39.266	nq	# 93
87) Benzo(b)fluoranthene	15.22	252	688269	31.967	nq	96
88) Benzo(k)fluoranthene	15.26	252	635865	29.820	nq	# 96
89) Benzo(a)pyrene	15.62	252	635751	32.828	nq	97
90) Dibenzo(a,h)anthracene	17.27	278	496796	30.770	nq	# 95
91) Benzo(g,h,i)perylene	17.72	276	455611	29.037	nq	# 93

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



#1

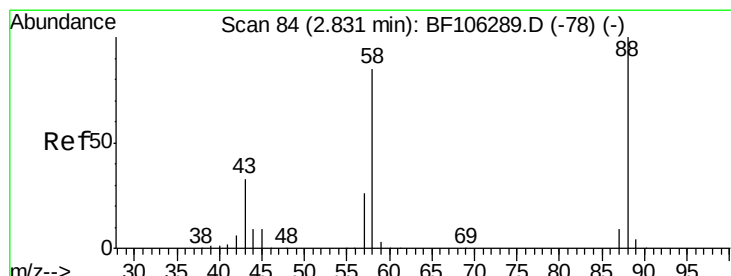
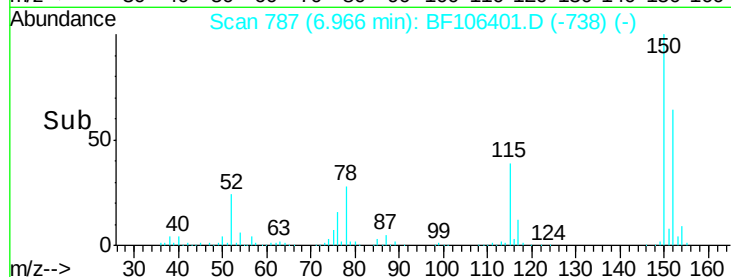
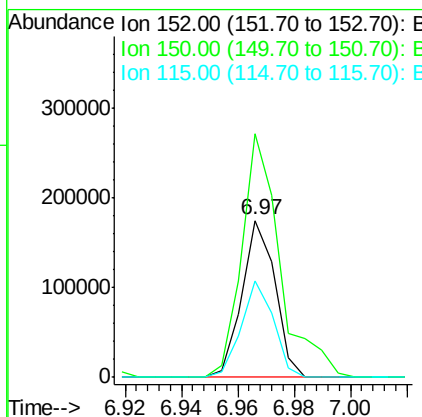
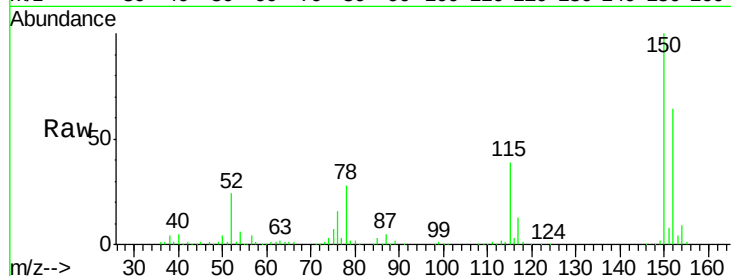
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF106401.D
Acq: 13 Jun 2018 19:48

Instrument :
BNA_F
ClientSampleId :
SP-3MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.6	186.8
115	61.4	50.1	75.1

Manual Integrations
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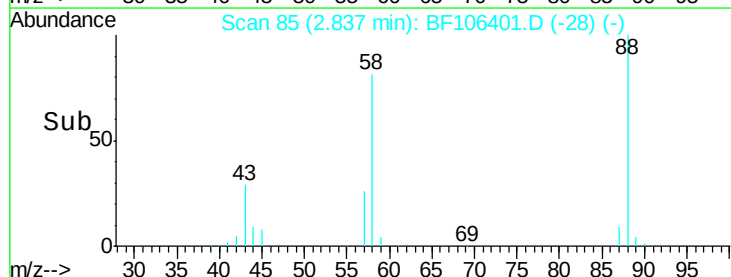
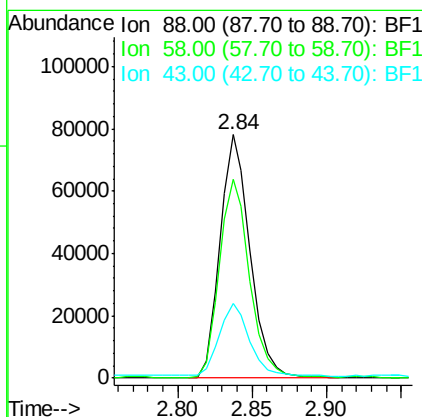
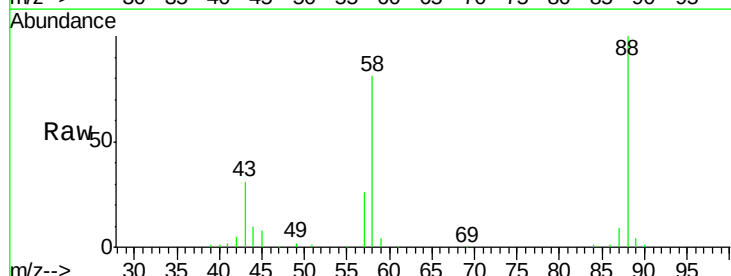
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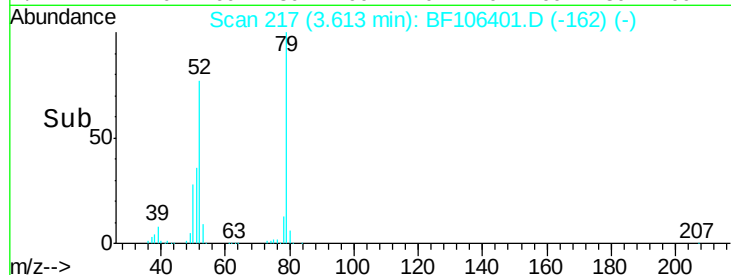
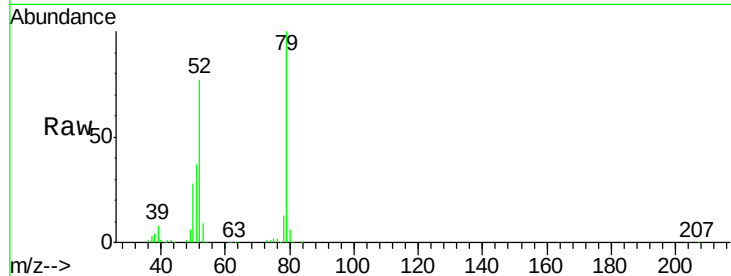
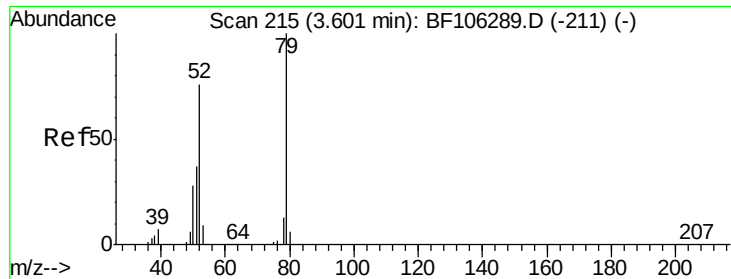


#2

1,4-Dioxane
Concen: 25.198 ng
RT: 2.84 min Scan# 85
Delta R.T. 0.04 min
Lab File: BF106401.D
Acq: 13 Jun 2018 19:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.1	62.6	93.8
43	30.3	24.6	37.0





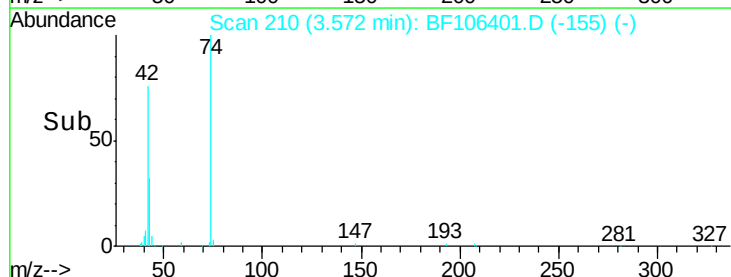
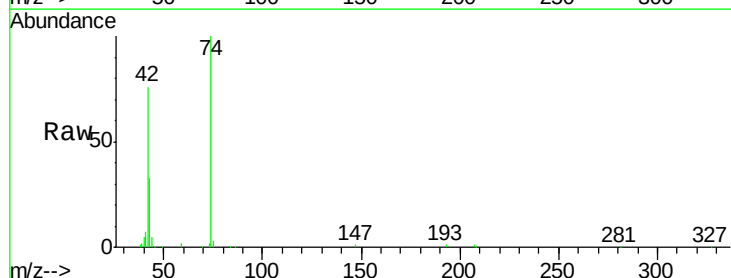
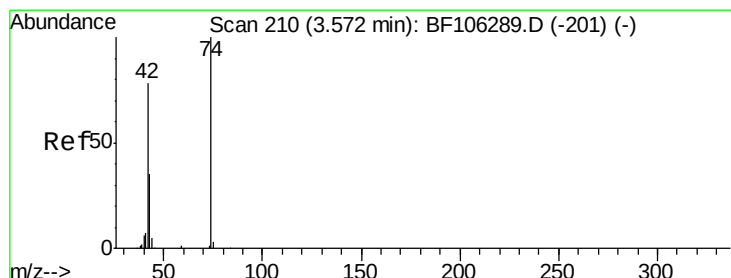
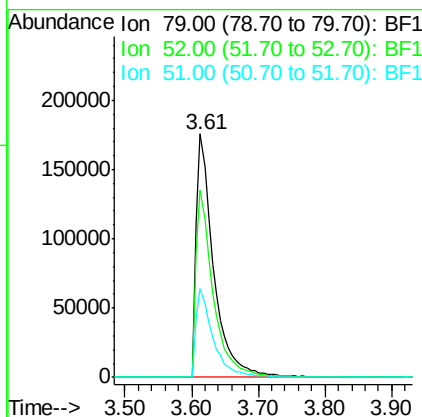
#3
 Pvridine
 Concen: 25.318 ng
 RT: 3.61 min Scan# 217
 Delta R.T. 0.02 min
 Lab File: BF106401.D
 Acq: 13 Jun 2018 19:48

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100			
52	52	76.9	59.8	89.6	
51	51	36.7	29.8	44.8	

Instrument :
 BNA_F
 ClientSampleId :
 SP-3MSD

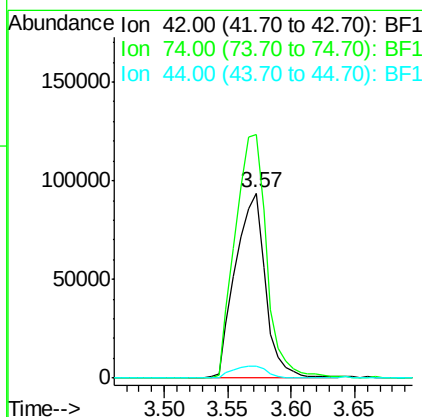
Manual Integrations
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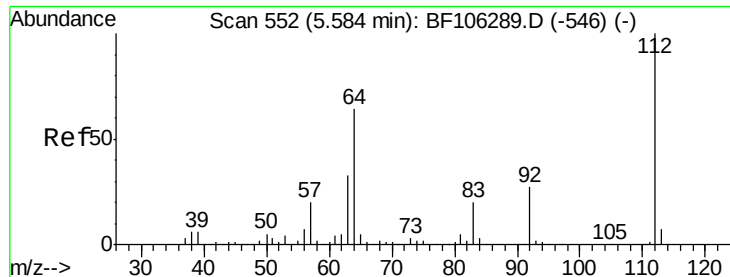
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#4
 n-Nitrosodimethylamine
 Concen: 27.704 ng
 RT: 3.57 min Scan# 210
 Delta R.T. 0.02 min
 Lab File: BF106401.D
 Acq: 13 Jun 2018 19:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100			
74	74	131.8	104.9	157.3	
44	44	6.8	6.9	10.3	





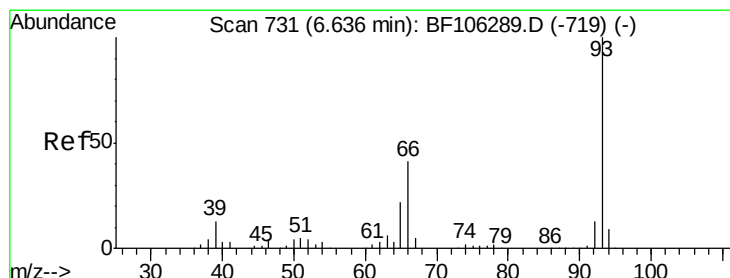
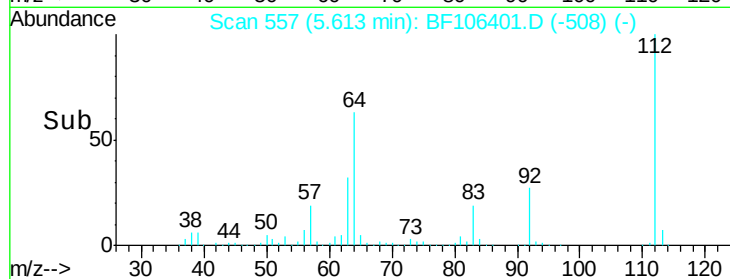
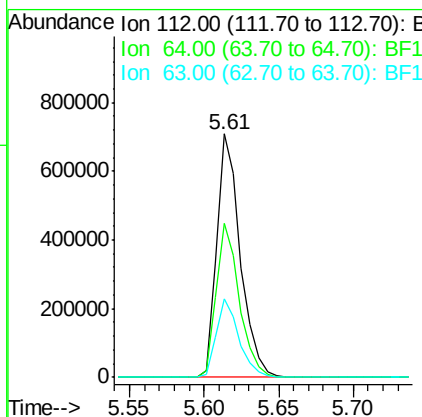
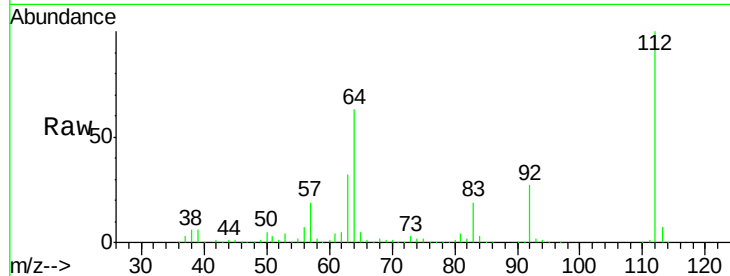
#5
2-Fluorophenol
Concen: 92.484 ng
RT: 5.61 min Scan# 557
Delta R.T. -0.01 min
Lab File: BF106401.D
Acq: 13 Jun 2018 19:48

Instrument :
BNA_F
ClientSampleId :
SP-3MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		780166		
64	63.1	47.9	71.9		
63	32.0	23.7	35.5		

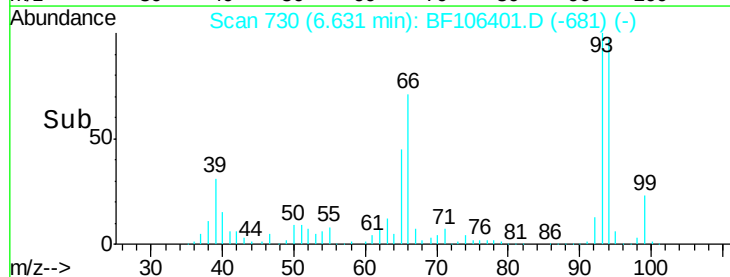
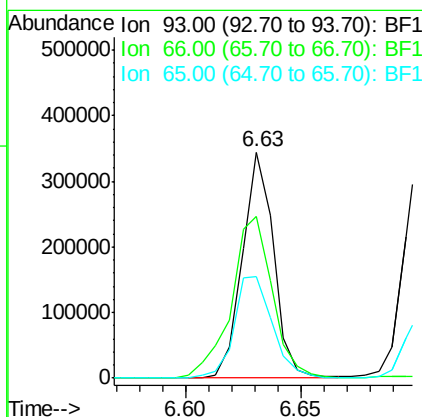
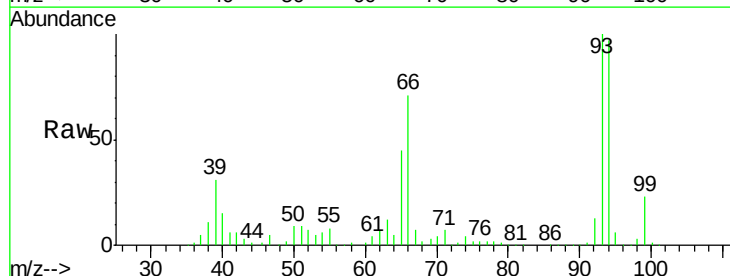
Manual Integrations
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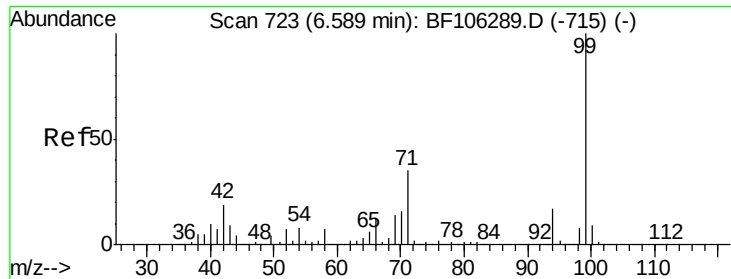
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#6
Aniline
Concen: 21.012 ng
RT: 6.63 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF106401.D
Acq: 13 Jun 2018 19:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		327009		
66	71.4	32.2	48.2#		
65	44.8	16.4	24.6#		





#7

Phenol-d6

Concen: 87.183 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF106401.D

Acq: 13 Jun 2018 19:48

Instrument :

BNA_F

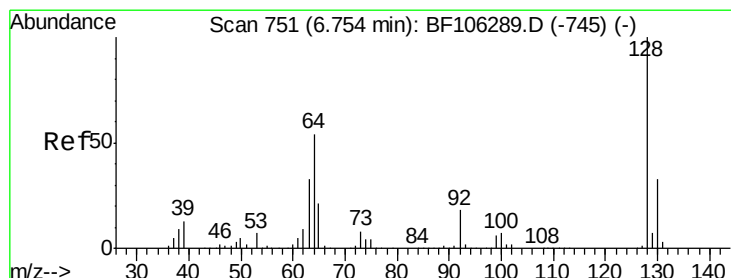
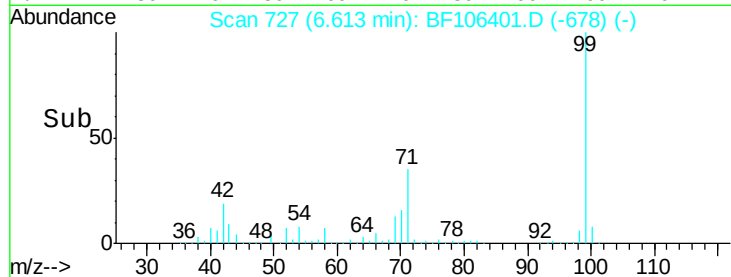
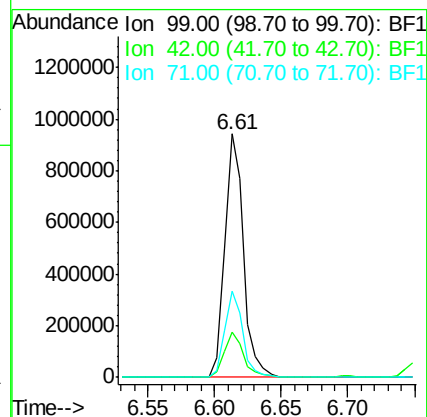
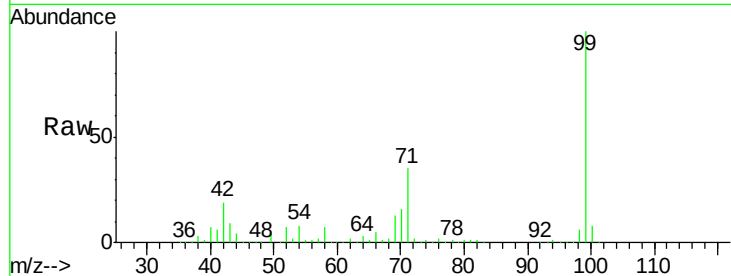
ClientSampleId :

SP-3MSD

Tot Ion:	99	Resp:	929170
Ion Ratio	Lower	Upper	
99	100		
42	18.5	14.5	21.7
71	35.2	25.4	38.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 32.518 ng

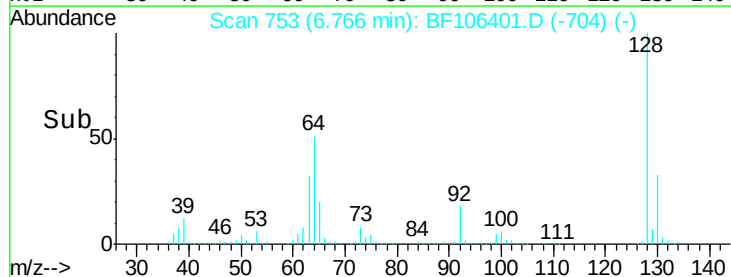
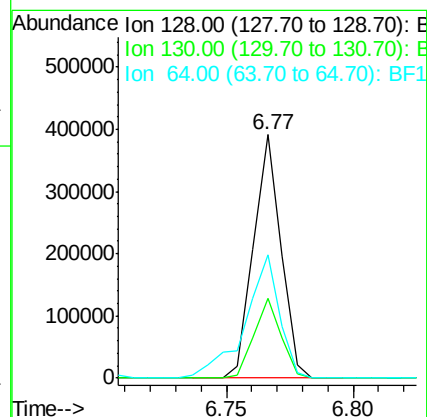
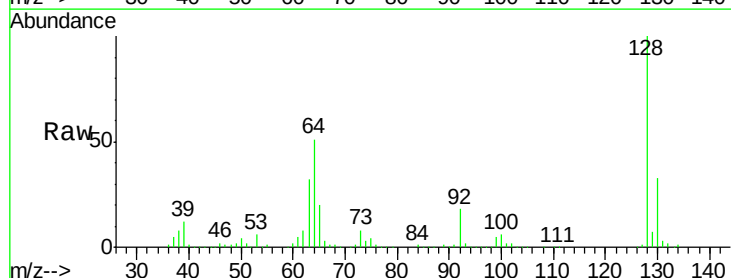
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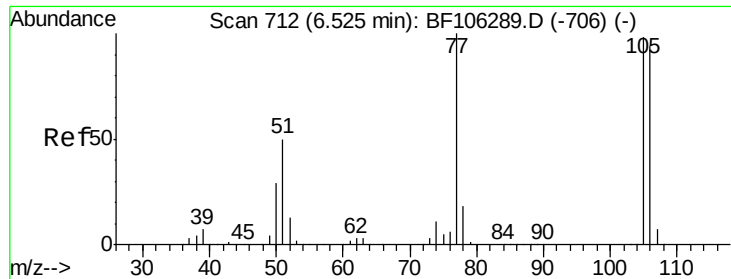
Delta R.T. -0.01 min

Lab File: BF106401.D

Acq: 13 Jun 2018 19:48

Tgt Ion:	128	Resp:	294986
Ion Ratio	Lower	Upper	
128	100		
130	32.6	13.0	53.0
64	50.8	29.4	69.4





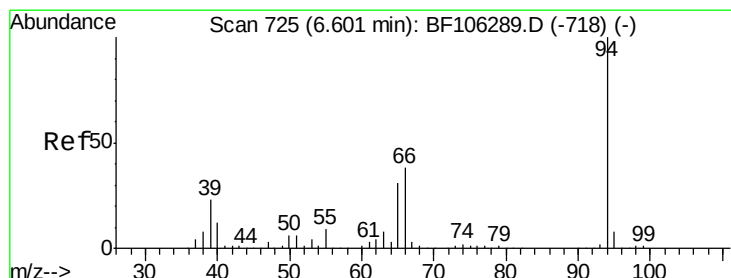
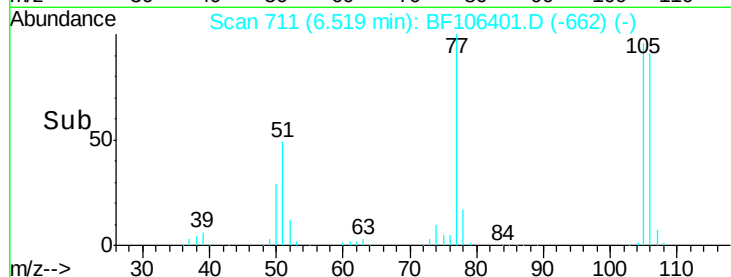
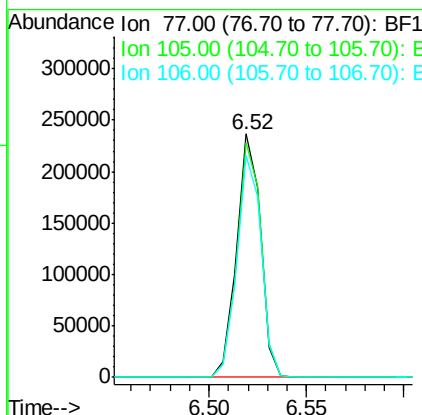
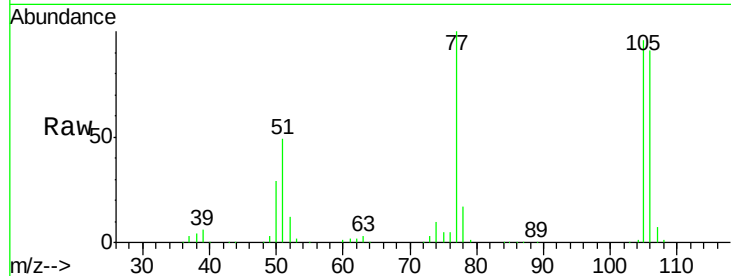
#9
Benzaldehyde
Concen: 24.840 ng
RT: 6.52 min Scan# 711
Delta R.T. -0.01 min
Lab File: BF106401.D
Acq: 13 Jun 2018 19:48

Instrument :
BNA_F
ClientSampleId :
SP-3MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	96.3	81.1	121.1
106	90.9	74.5	114.5

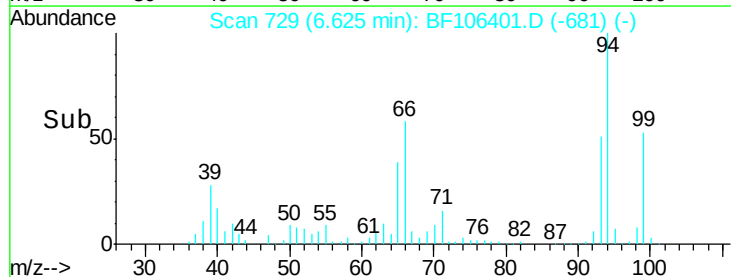
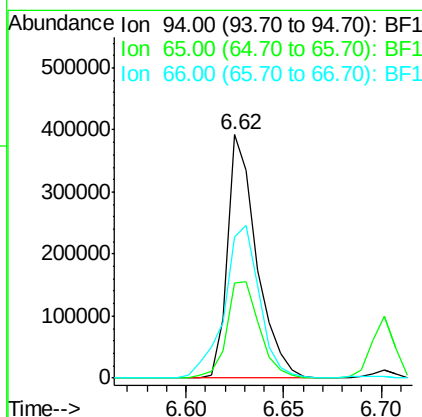
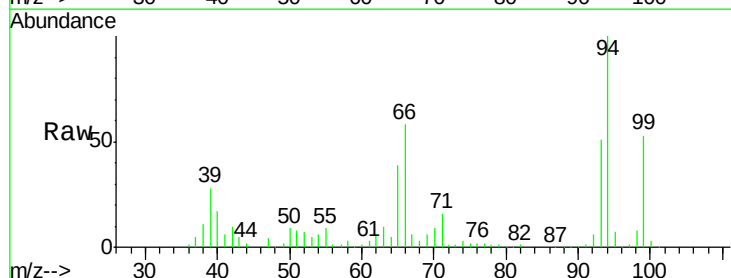
Manual Integrations
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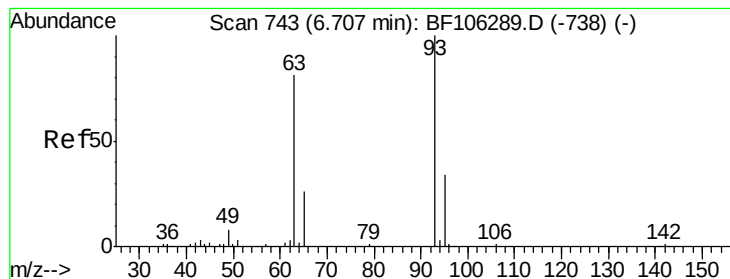
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#10
Phenol
Concen: 34.855 ng
RT: 6.62 min Scan# 729
Delta R.T. -0.02 min
Lab File: BF106401.D
Acq: 13 Jun 2018 19:48

Tgt Ion	Ratio	Lower	Upper
94	100		
65	38.9	7.9	47.9
66	57.9	16.2	56.2





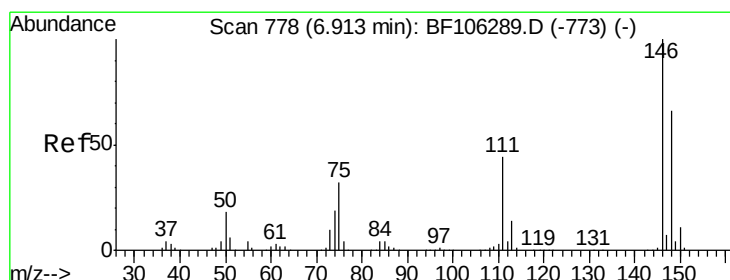
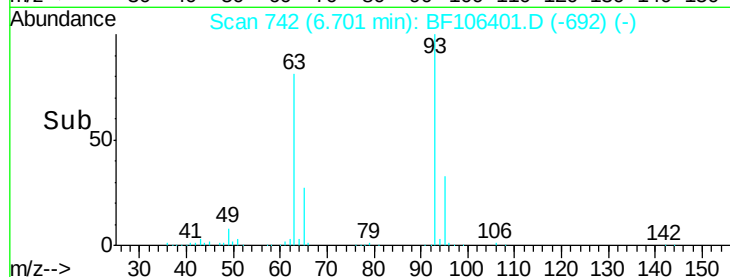
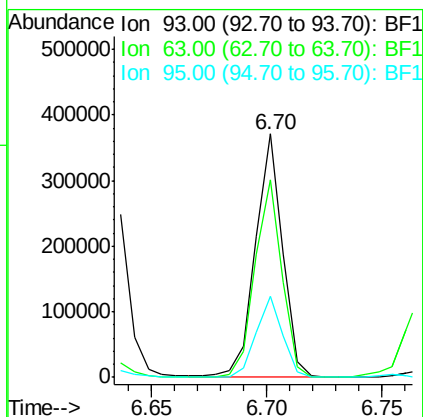
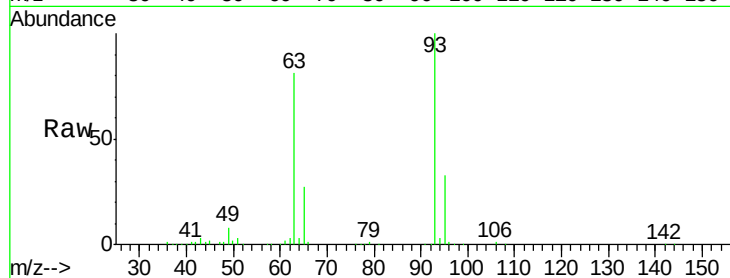
#11
bis(2-Chloroethyl)ether
Concen: 30.575 ng
RT: 6.70 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF106401.D
Acq: 13 Jun 2018 19:48

Instrument :
BNA_F
ClientSampled :
SP-3MSD

Tot Ion:	93	Resp:	304537
Ion Ratio	Lower	Upper	
93	100		
63	81.2	58.6	98.6
95	33.1	11.8	51.8

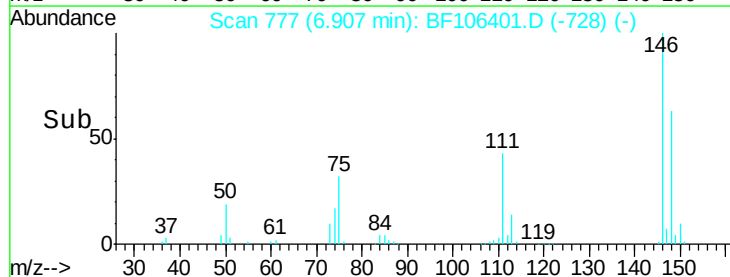
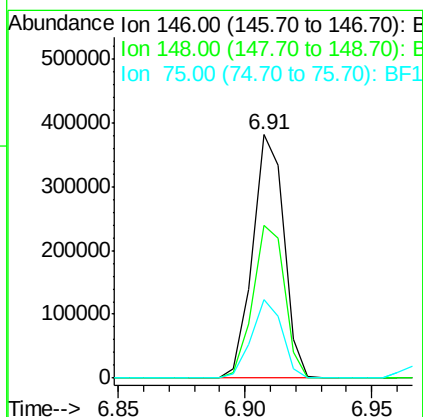
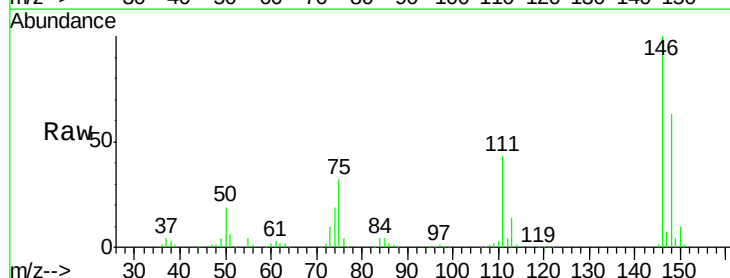
Manual Integrations
APPROVED

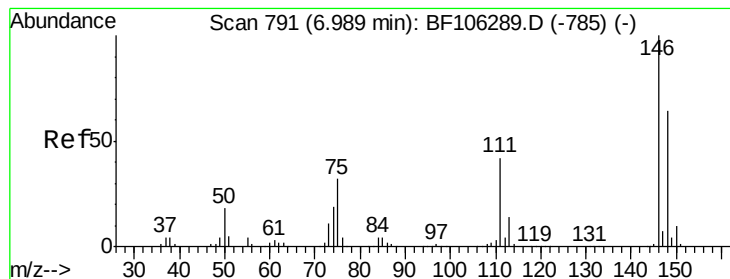
Sohil
6/14/2018 2:47:50 PM



#12
1,3-Dichlorobenzene
Concen: 30.901 ng
RT: 6.91 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF106401.D
Acq: 13 Jun 2018 19:48

Tgt Ion:	146	Resp:	329922
Ion Ratio	Lower	Upper	
146	100		
148	62.8	51.8	77.8
75	32.2	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 31.000 ng

RT: 6.98 min Scan# 790

Delta R.T. -0.01 min

Lab File: BF106401.D

Acq: 13 Jun 2018 19:48

Instrument :

BNA_F

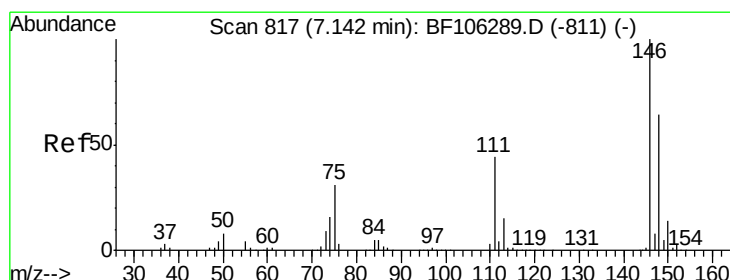
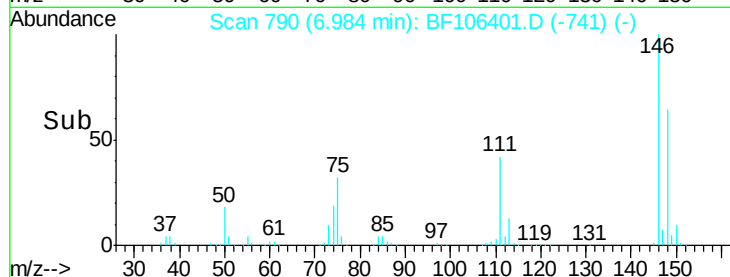
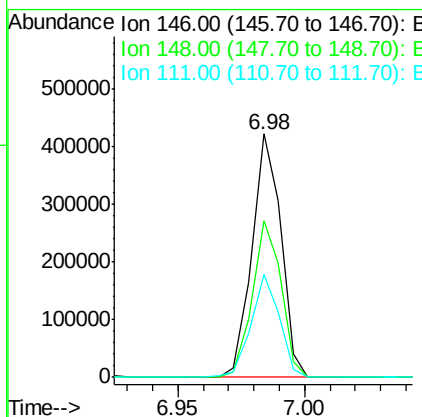
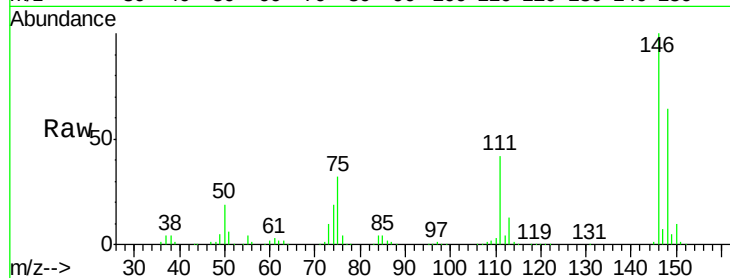
ClientSampled :

SP-3MSD

Tot Ion:	146	Resp:	335875
Ion Ratio	Lower	Upper	
146	100		
148	64.1	50.8	76.2
111	42.2	34.2	51.2

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 30.705 ng

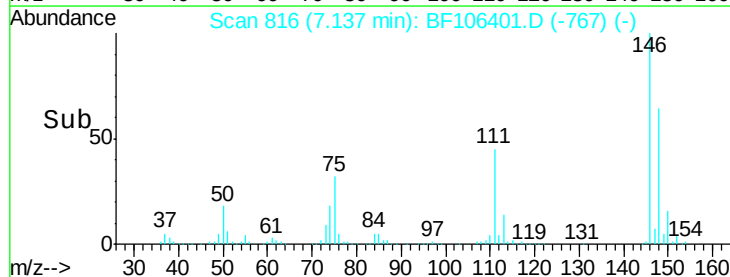
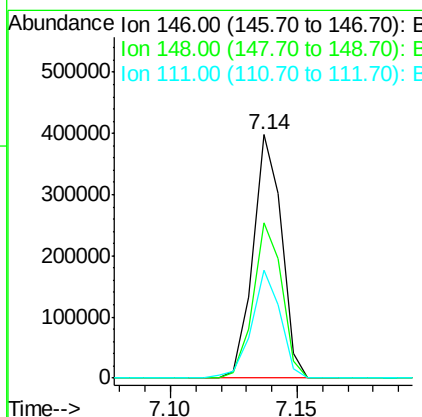
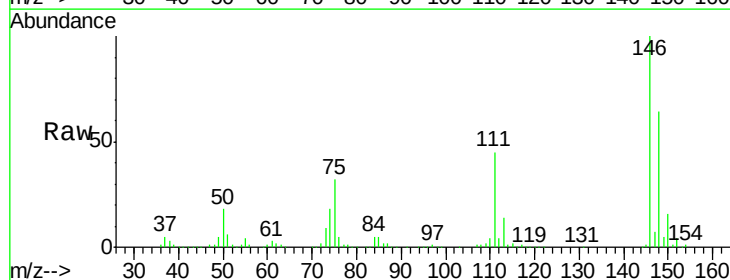
RT: 7.14 min Scan# 816

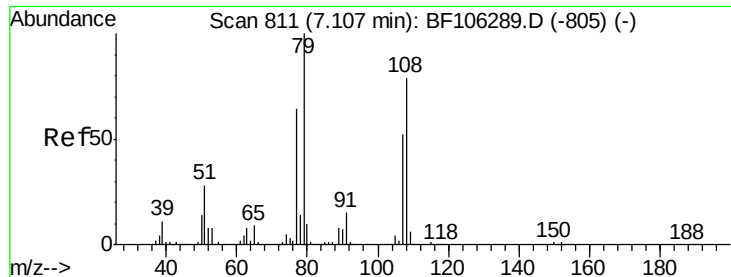
Delta R.T. -0.01 min

Lab File: BF106401.D

Acq: 13 Jun 2018 19:48

Tgt Ion:	146	Resp:	313175
Ion Ratio	Lower	Upper	
146	100		
148	63.6	50.6	75.8
111	44.5	36.0	54.0





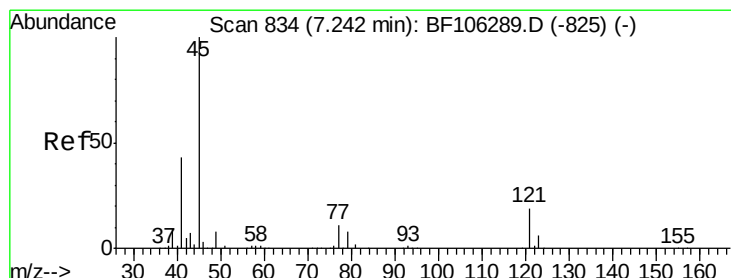
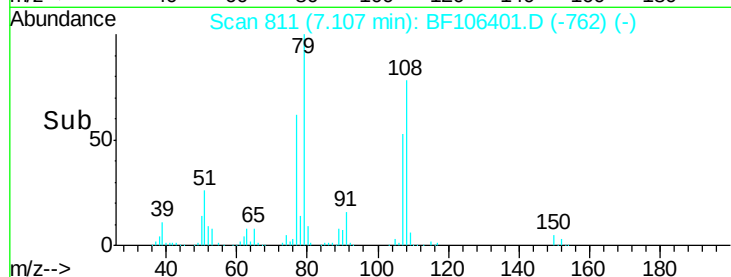
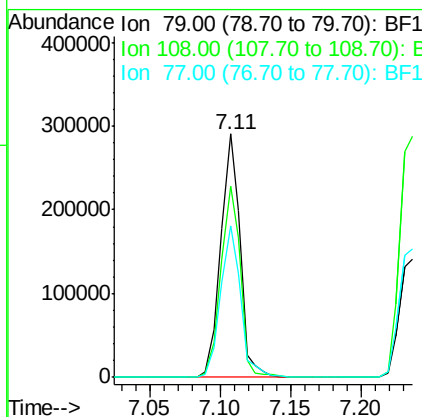
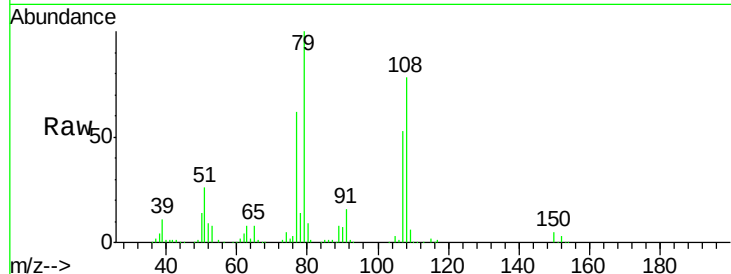
#15
Benzyl Alcohol
Concen: 30.278 ng
RT: 7.11 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF106401.D
Acq: 13 Jun 2018 19:48

Instrument :
BNA_F
ClientSampled :
SP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
79	100	276356		
108	78.4	65.1	97.7	
77	62.0	50.6	75.8	

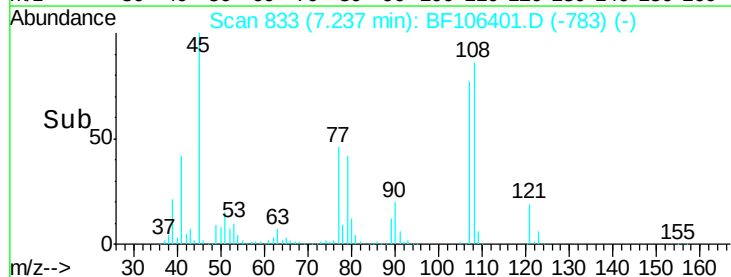
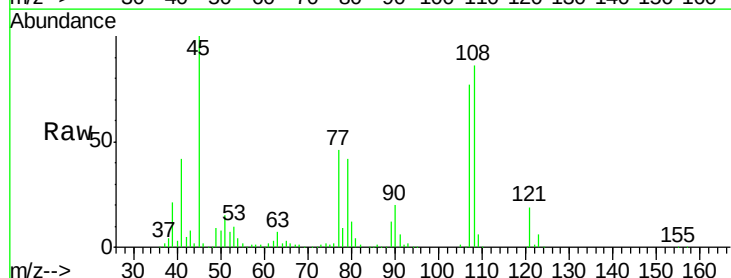
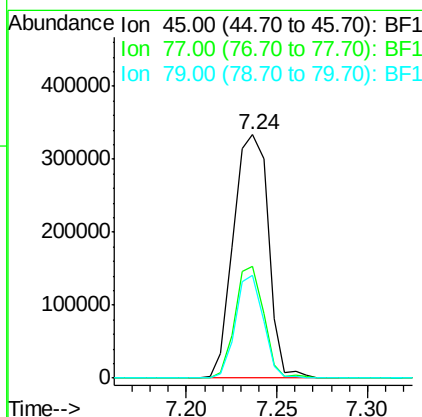
Manual Integrations
APPROVED

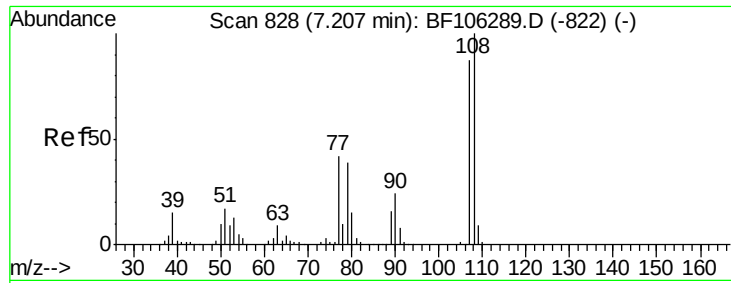
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#16
2,2'-oxybis(1-chloropropane)
Concen: 31.357 ng
RT: 7.24 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF106401.D
Acq: 13 Jun 2018 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	447703		
77	45.9	0.0	32.9#	
79	42.2	0.0	29.6#	





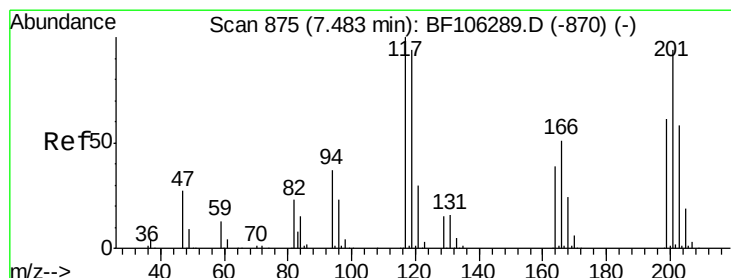
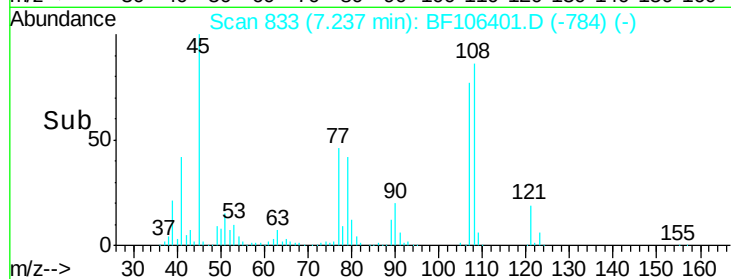
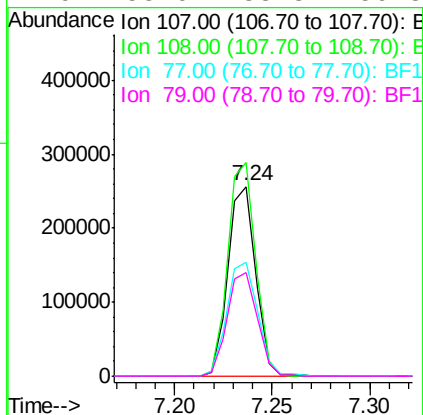
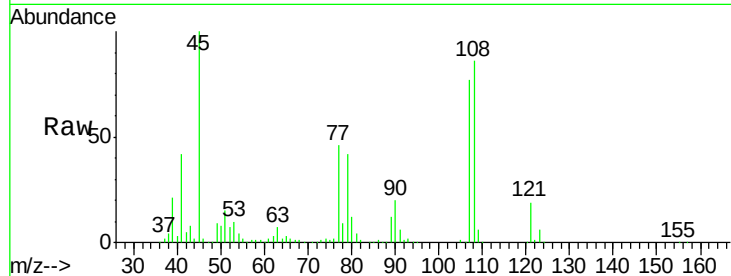
#17
2-Methylphenol
Concen: 31.215 ng
RT: 7.24 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF106401.D
Acq: 13 Jun 2018 19:48

Instrument :
BNA_F
ClientSampleId :
SP-3MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.5	91.7	137.5
77	59.8	33.8	50.8#
79	55.0	33.8	50.8#

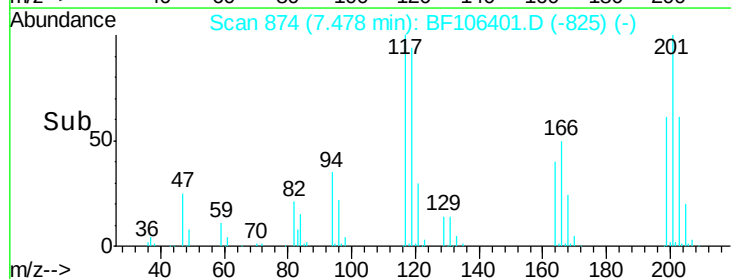
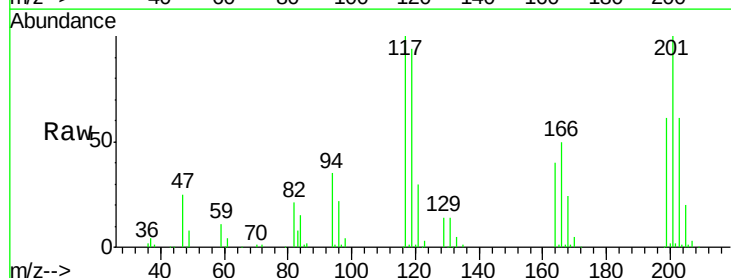
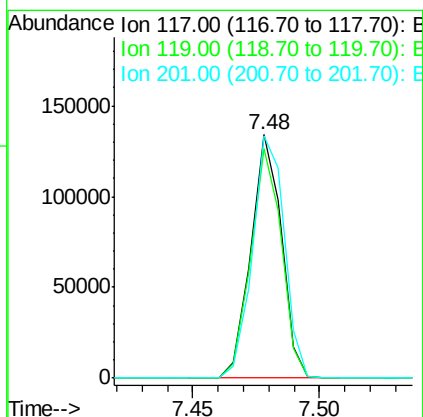
Manual Integrations
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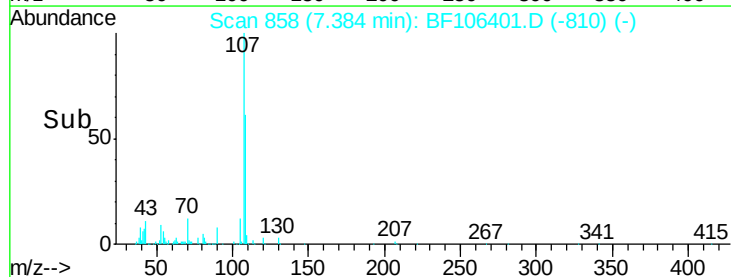
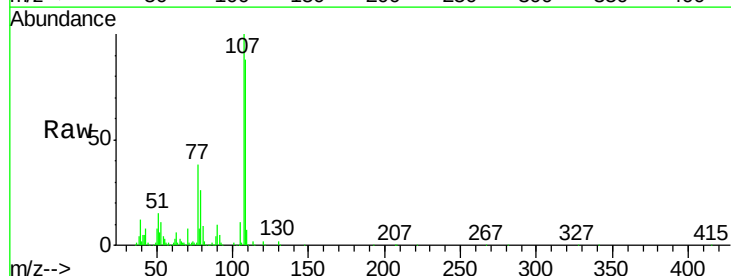
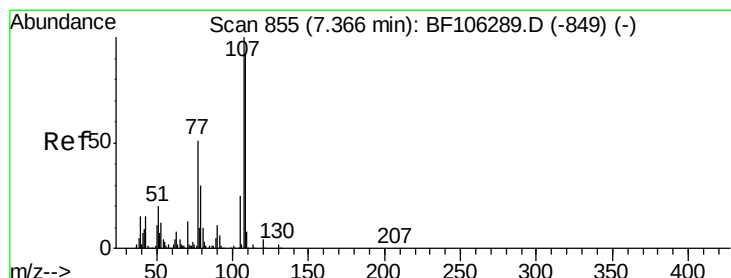
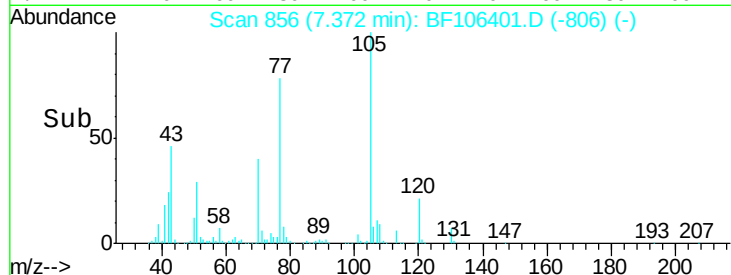
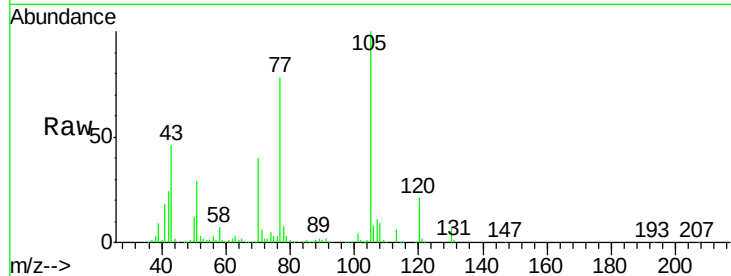
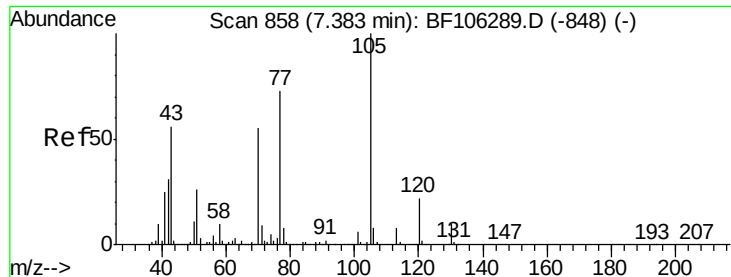
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#18
Hexachloroethane
Concen: 29.248 ng
RT: 7.48 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF106401.D
Acq: 13 Jun 2018 19:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.3	75.8	113.8
201	99.8	75.7	113.5





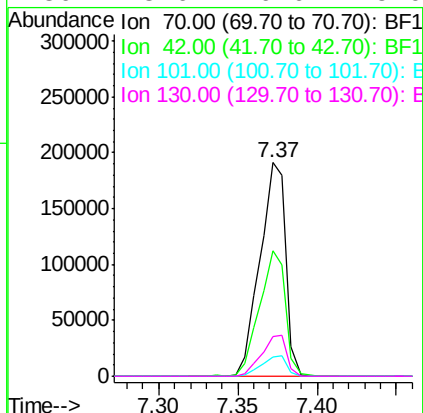
#19
n-Nitroso-di-n-propylamine
Concen: 27.224 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF106401.D
Acq: 13 Jun 2018 19:48

Instrument :
BNA_F
ClientSampleId :
SP-3MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	58.8	47.5	71.3
101	9.3	7.4	11.2
130	18.6	16.6	25.0

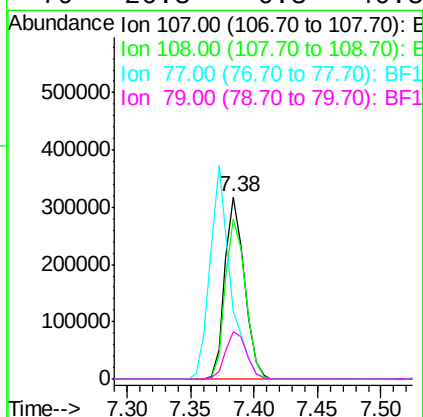
Manual Integrations
APPROVED

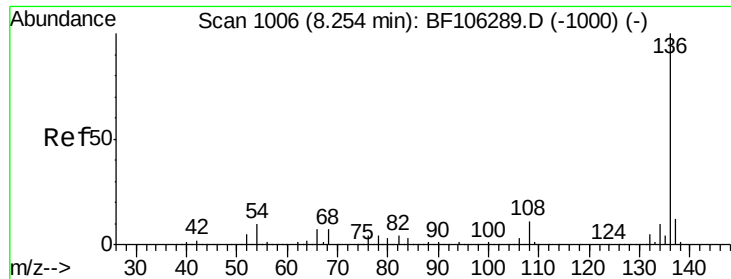
Sohil
6/14/2018 2:47:50 PM



#20
3+4-Methylphenols
Concen: 32.809 ng
RT: 7.38 min Scan# 858
Delta R.T. -0.02 min
Lab File: BF106401.D
Acq: 13 Jun 2018 19:48

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.8	68.2	108.2
77	37.6	26.7	66.7
79	26.3	6.3	46.3





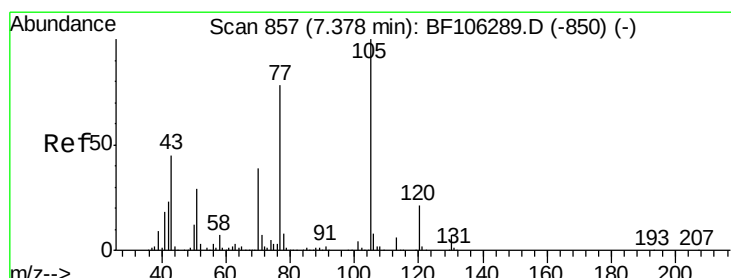
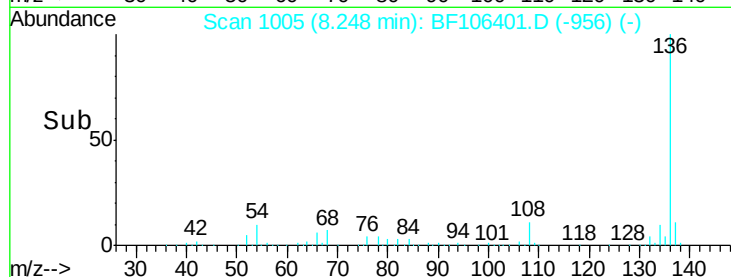
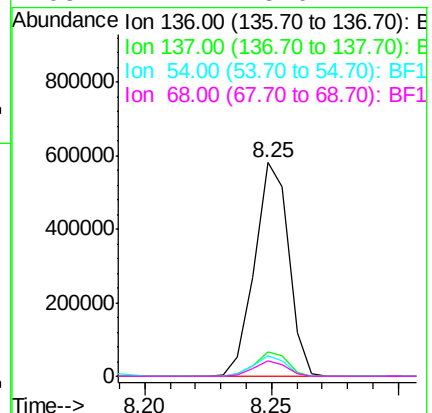
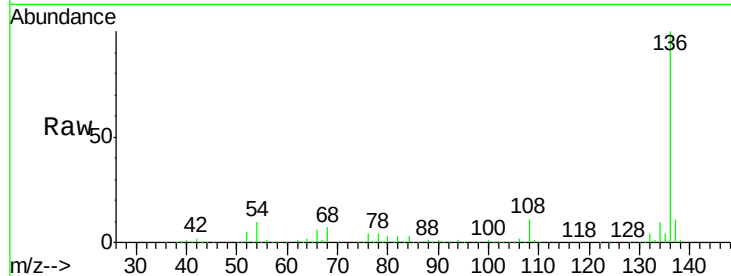
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF106401.D
Acq: 13 Jun 2018 19:48

Instrument :
BNA_F
ClientSampleId :
SP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	545567		
137	11.3	8.9	13.3	
54	9.8	6.6	9.8	
68	7.1	5.0	7.4	

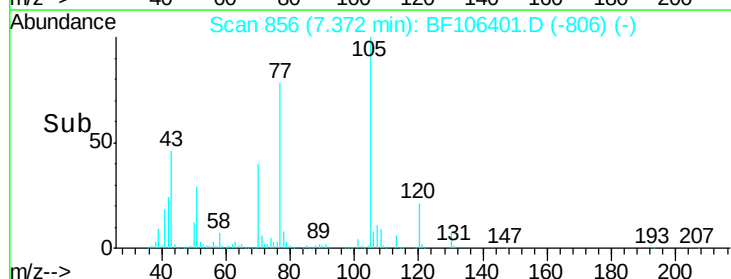
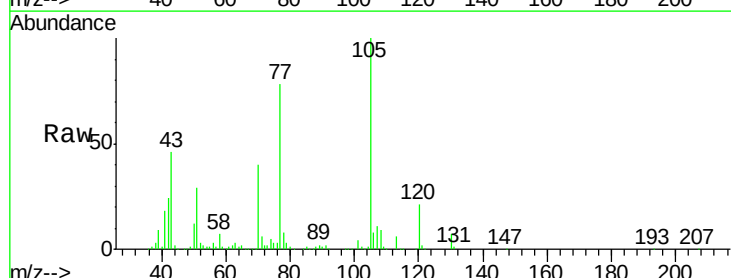
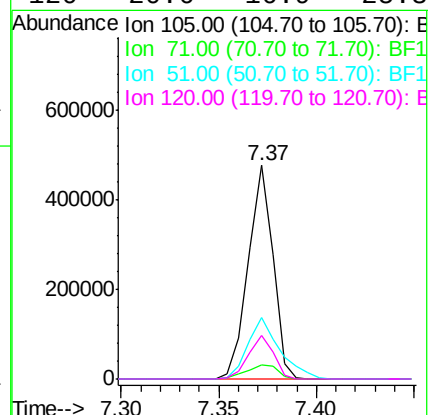
Manual Integrations
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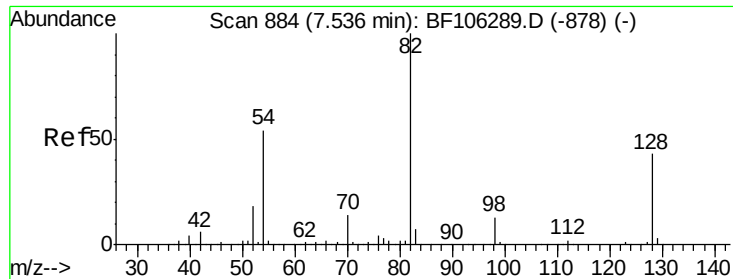
Sohil
6/14/2018 2:47:50 PM



#22
Acetophenone
Concen: 30.516 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF106401.D
Acq: 13 Jun 2018 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	419553		
71	6.4	4.4	6.6	
51	29.0	22.3	33.5	
120	20.6	16.9	25.3	





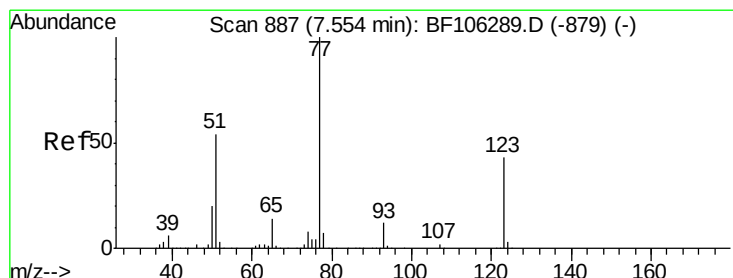
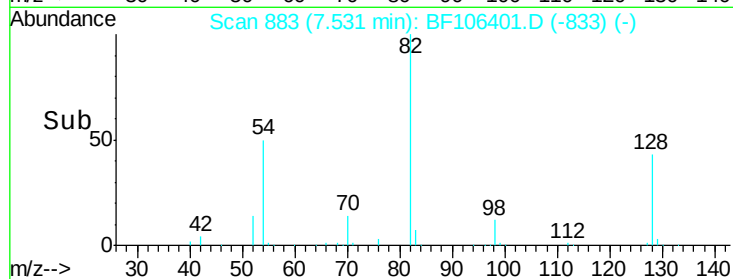
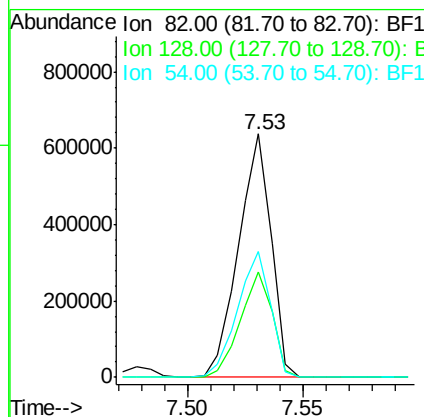
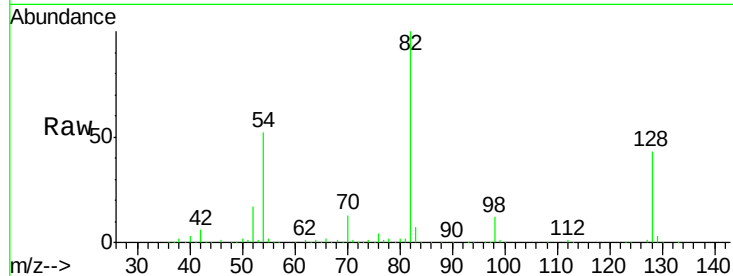
#23
Nitrobenzene-d5
Concen: 67.742 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106401.D
Acq: 13 Jun 2018 19:48

Instrument :
BNA_F
ClientSampled :
SP-3MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.1	36.1	54.1
54	51.6	41.4	62.2

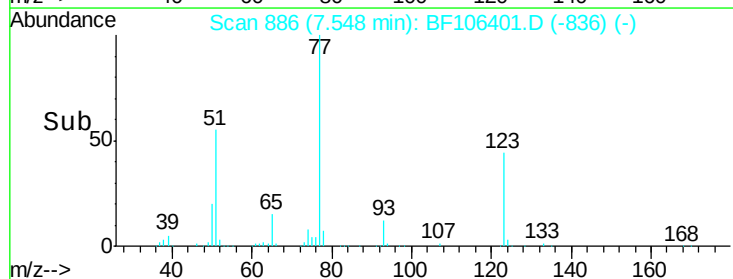
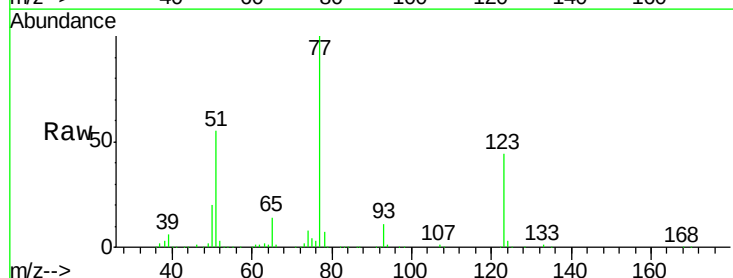
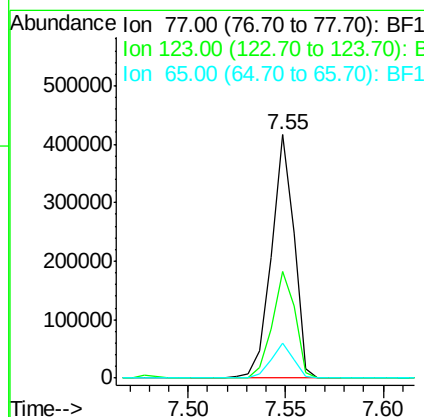
Manual Integrations
APPROVED

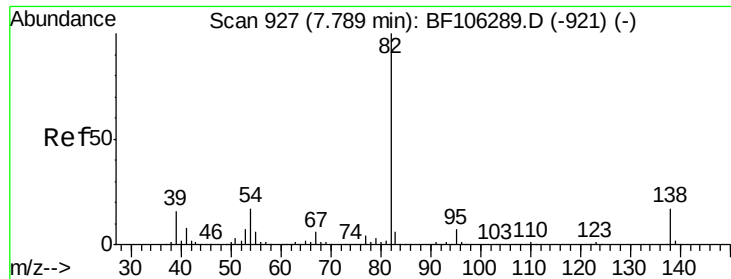
Sohil
6/14/2018 2:47:50 PM



#24
Nitrobenzene
Concen: 33.125 ng
RT: 7.55 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF106401.D
Acq: 13 Jun 2018 19:48

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.7	37.9	56.9
65	14.4	11.0	16.4





#25

Isophorone

Concen: 32.574 ng

RT: 7.78 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF106401.D

Acq: 13 Jun 2018 19:48

Instrument :

BNA_F

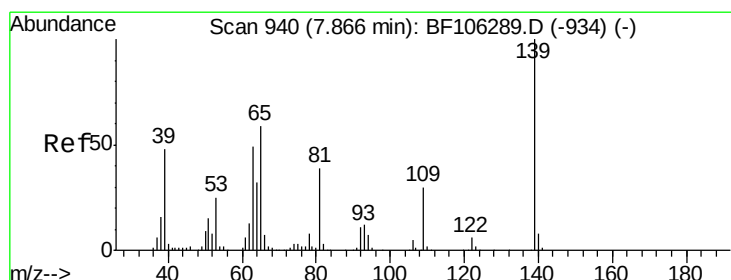
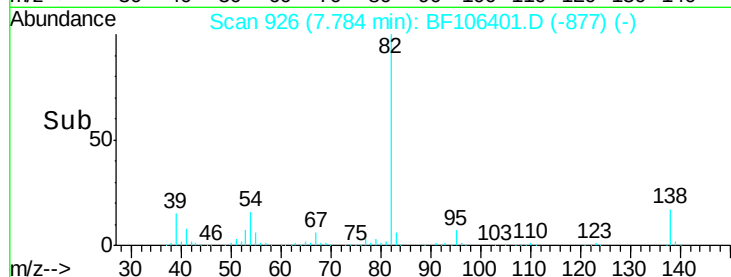
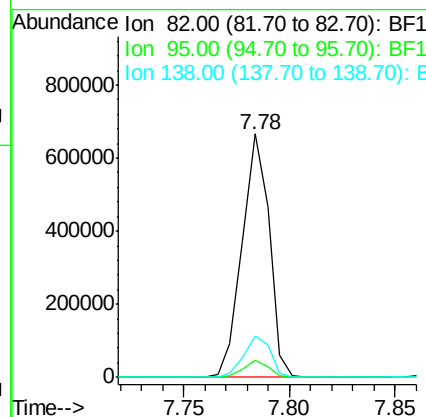
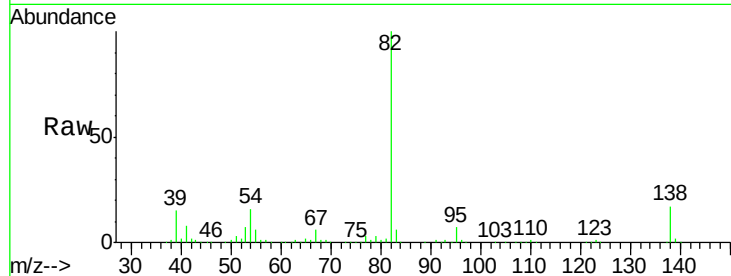
ClientSampled :

SP-3MSD

Tot Ion:	82	Resp:	590047
Ion Ratio		Lower	Upper
82	100		
95	7.0	5.2	7.8
138	16.9	14.9	22.3

Manual Integrations
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6/14/2018 2:47:50 PM



#26

2-Nitrophenol

Concen: 40.282 ng

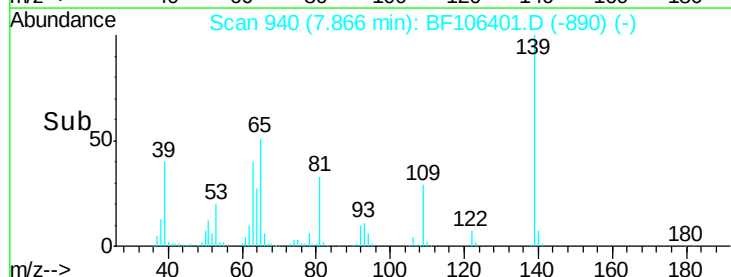
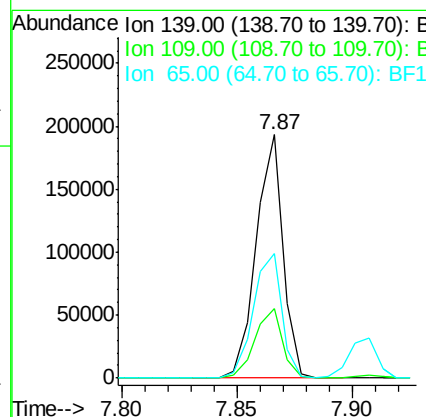
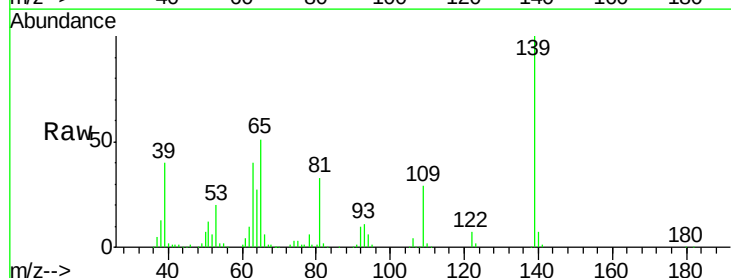
RT: 7.87 min Scan# 940

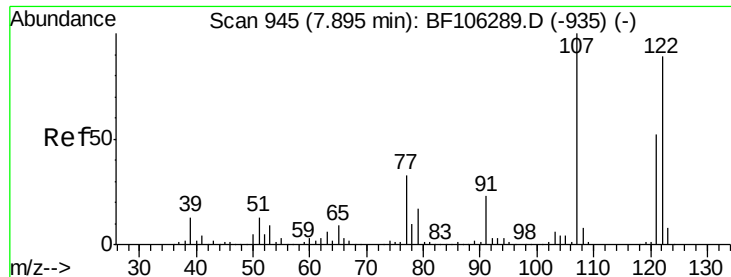
Delta R.T. -0.01 min

Lab File: BF106401.D

Acq: 13 Jun 2018 19:48

Tgt Ion:	139	Resp:	157603
Ion Ratio		Lower	Upper
139	100		
109	28.7	22.7	34.1
65	50.9	40.5	60.7





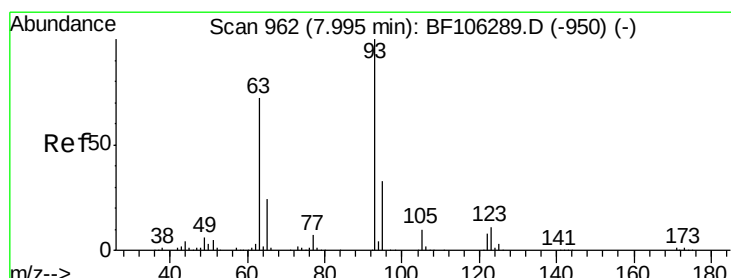
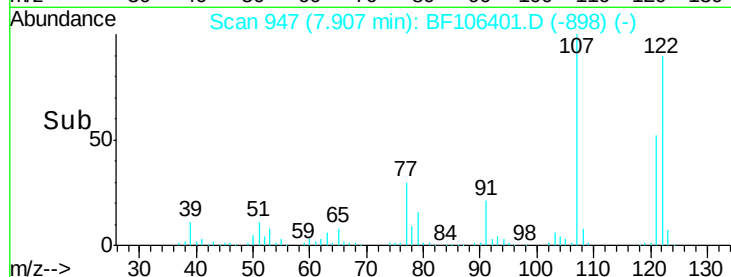
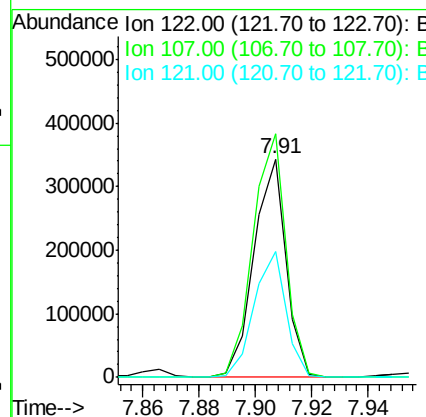
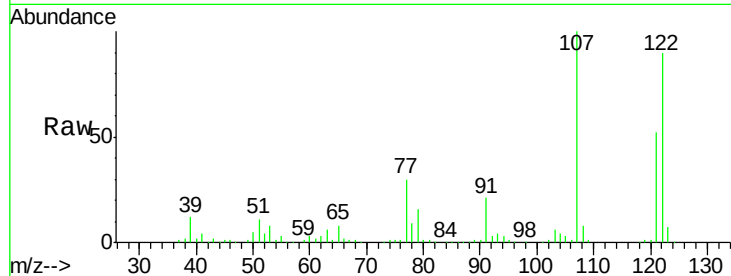
#27
 2,4-Dimethylphenol
 Concen: 35.432 ng
 RT: 7.91 min Scan# 947
 Delta R.T. -0.01 min
 Lab File: BF106401.D
 Acq: 13 Jun 2018 19:48

Instrument :
 BNA_F
 ClientSampled :
 SP-3MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.5	91.2	136.8
121	57.6	47.2	70.8

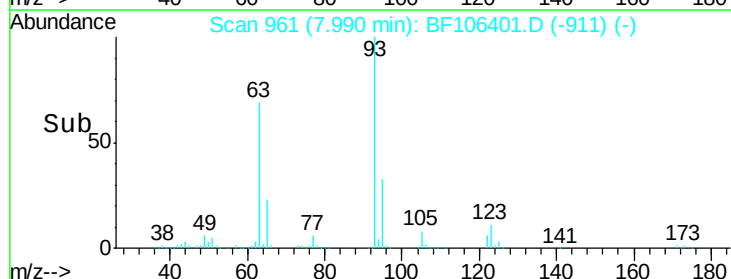
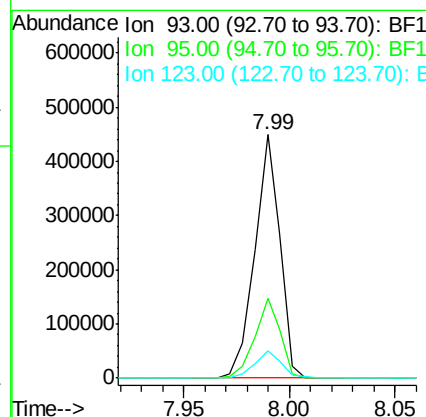
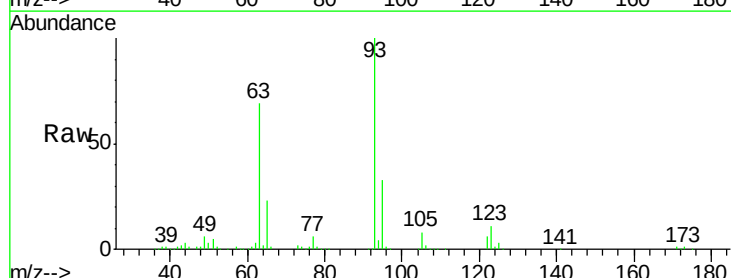
Manual Integrations
 APPROVED

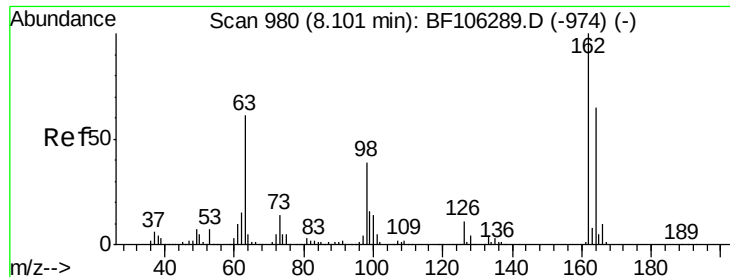
Sohil
 6/14/2018 2:47:50 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 31.592 ng
 RT: 7.99 min Scan# 961
 Delta R.T. -0.01 min
 Lab File: BF106401.D
 Acq: 13 Jun 2018 19:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.3	39.5
123	11.0	9.8	14.6





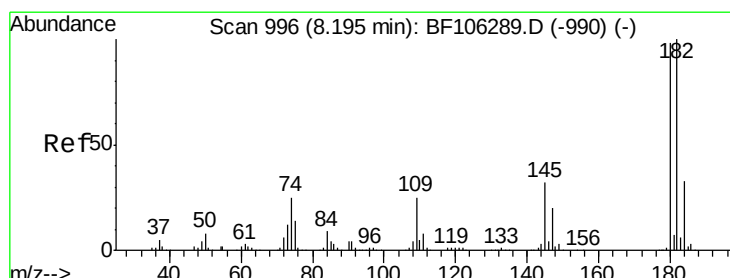
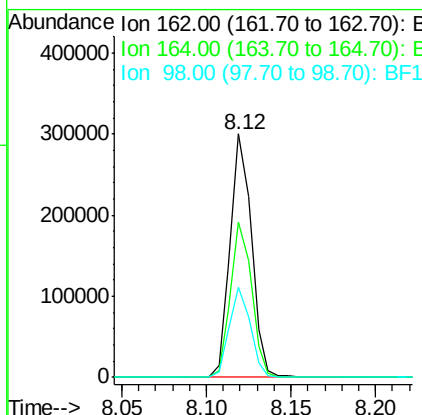
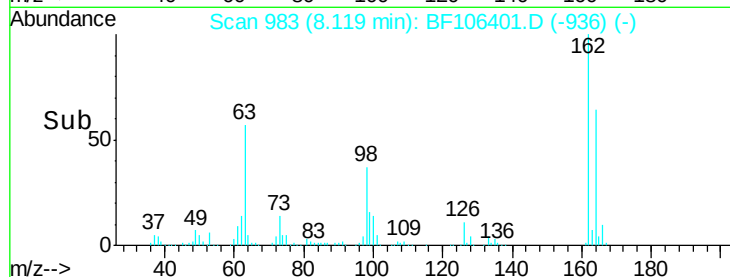
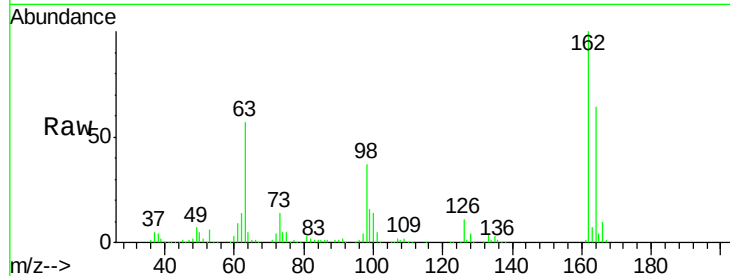
#29
2,4-Dichlorophenol
Concen: 35.704 ng
RT: 8.12 min Scan# 983
Delta R.T. -0.02 min
Lab File: BF106401.D
Acq: 13 Jun 2018 19:48

Instrument :
BNA_F
ClientSampleId :
SP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	264143		
164	63.7	42.7	82.7	
98	37.1	18.1	58.1	

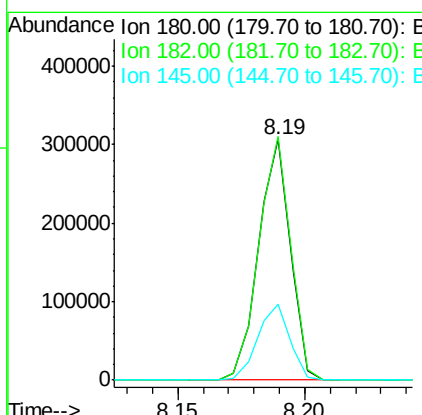
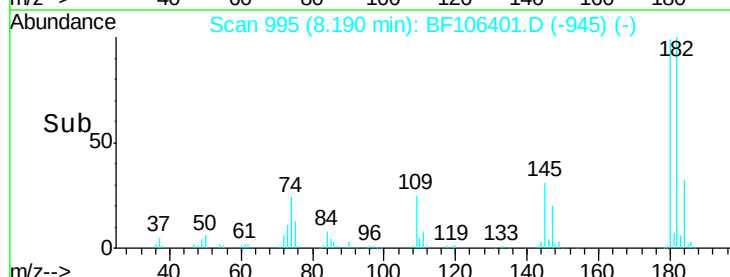
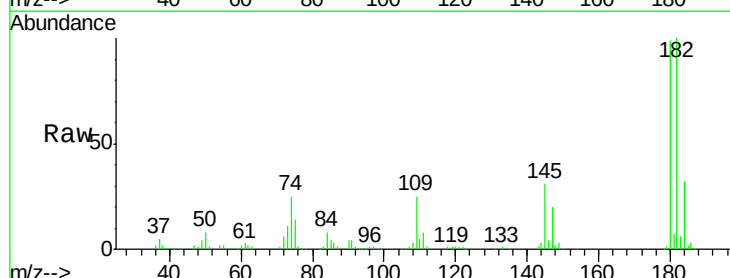
Manual Integrations
APPROVED

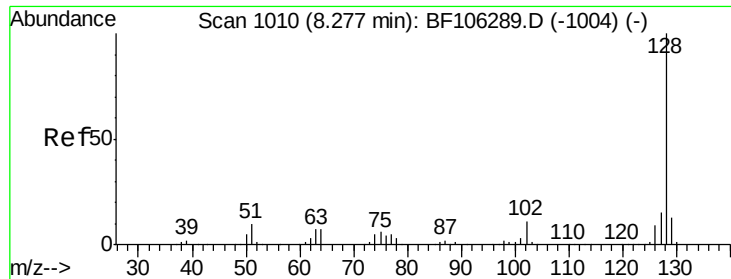
Sohil
6/14/2018 2:47:50 PM



#30
1,2,4-Trichlorobenzene
Concen: 32.427 ng
RT: 8.19 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF106401.D
Acq: 13 Jun 2018 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	268982		
182	101.2	76.8	115.2	
145	31.6	26.5	39.7	





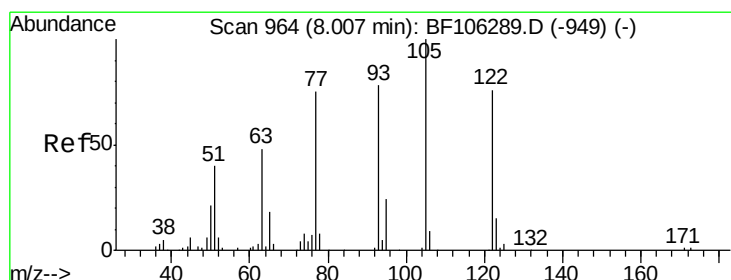
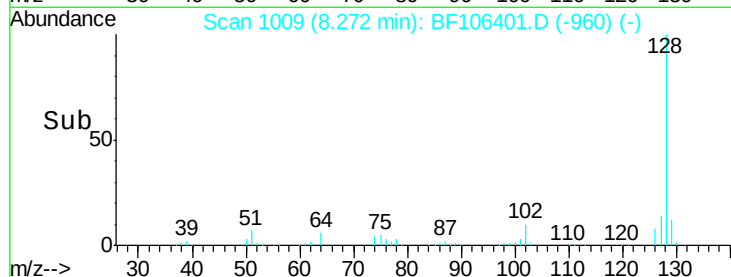
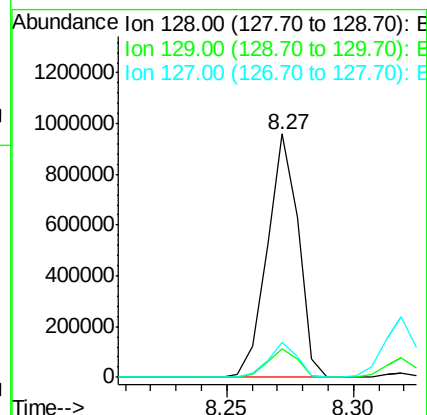
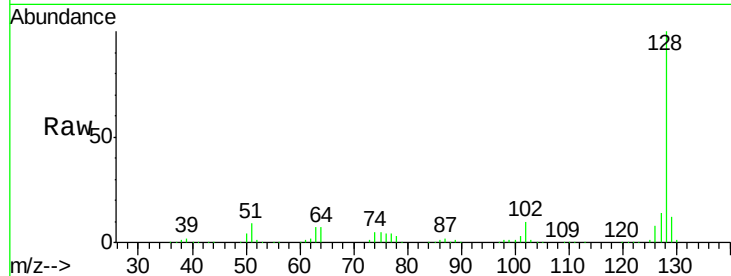
#31
Naphthalene
Concen: 33.226 ng
RT: 8.27 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF106401.D
Acq: 13 Jun 2018 19:48

Instrument :
BNA_F
ClientSampled :
SP-3MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.8	13.2
127	14.2	10.9	16.3

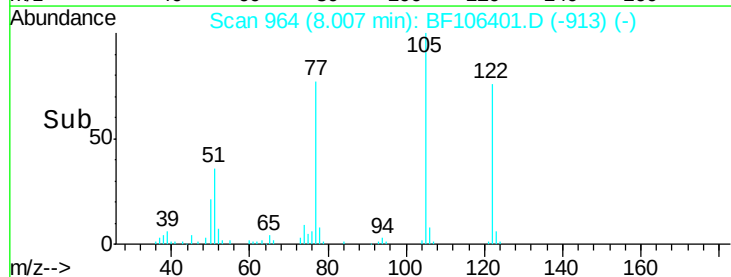
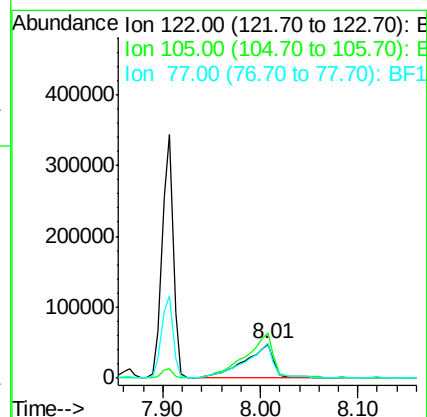
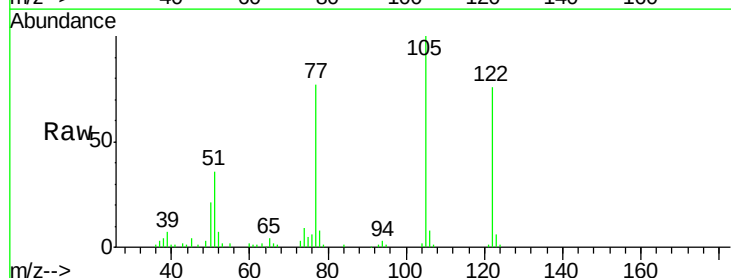
Manual Integrations
APPROVED

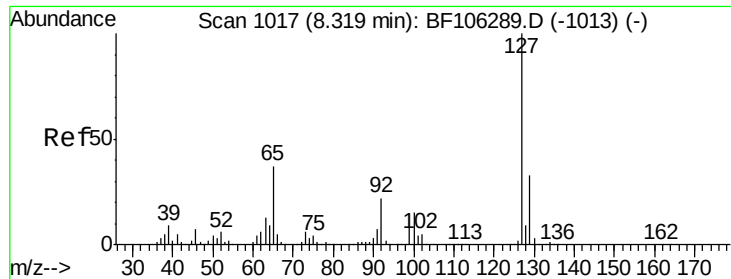
Sohil
6/14/2018 2:47:50 PM



#32
Benzoic acid
Concen: 22.200 ng
RT: 8.01 min Scan# 964
Delta R.T. 0.00 min
Lab File: BF106401.D
Acq: 13 Jun 2018 19:48

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.4	101.1	141.1
77	101.8	70.7	110.7





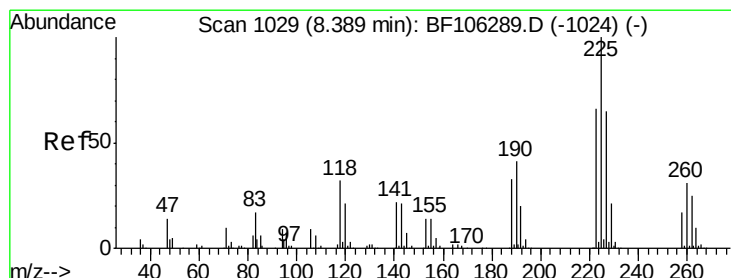
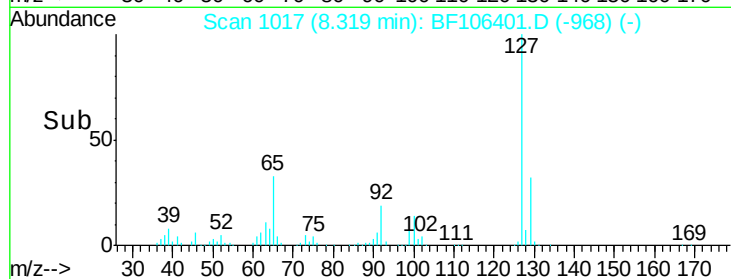
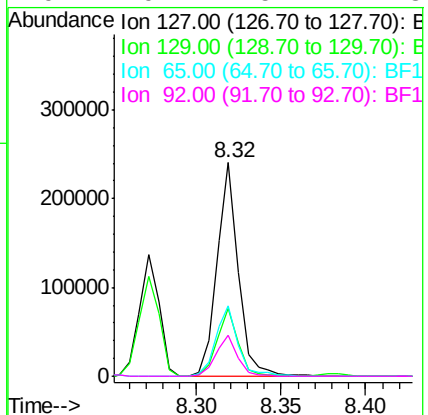
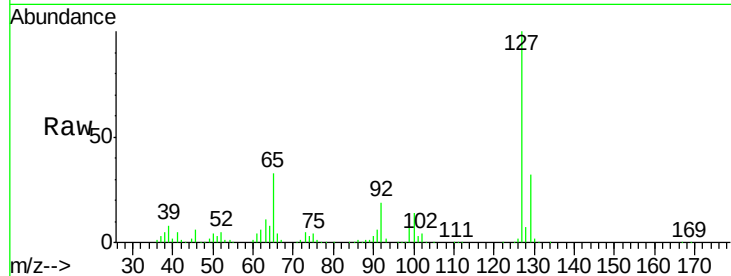
#33
4-Chloroaniline
Concen: 19.487 ng
RT: 8.32 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF106401.D
Acq: 13 Jun 2018 19:48

Instrument :
BNA_F
ClientSampleId :
SP-3MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.9	38.9
65	32.7	25.0	37.4
92	19.4	15.2	22.8

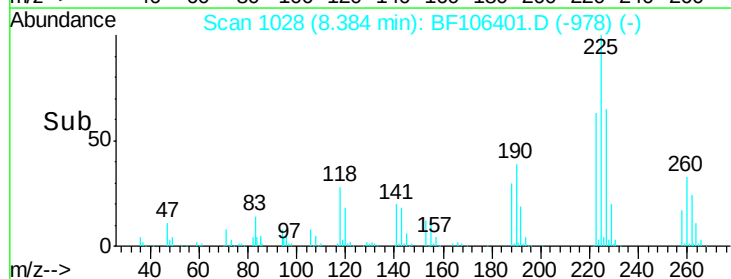
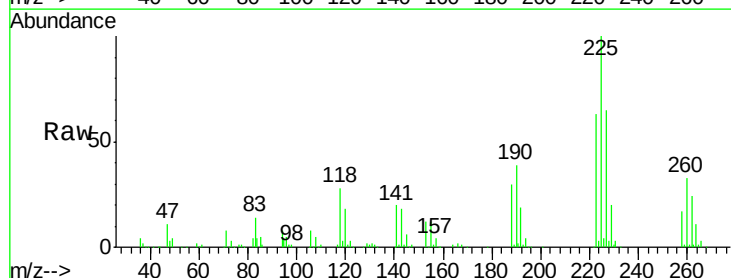
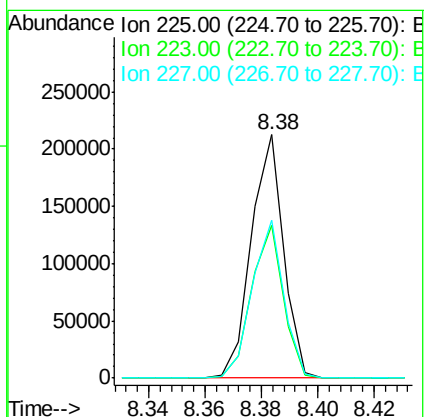
Manual Integrations
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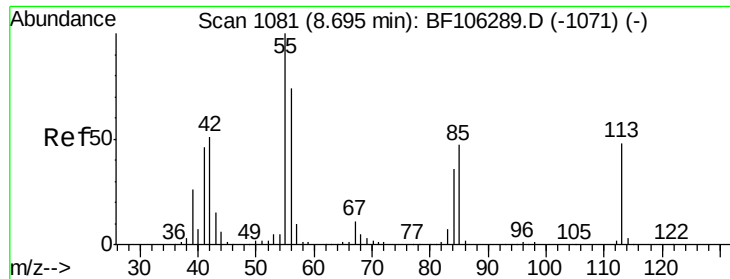
Sohil
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#34
Hexachlorobutadiene
Concen: 31.521 ng
RT: 8.38 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF106401.D
Acq: 13 Jun 2018 19:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.6	76.0
227	64.7	51.9	77.9





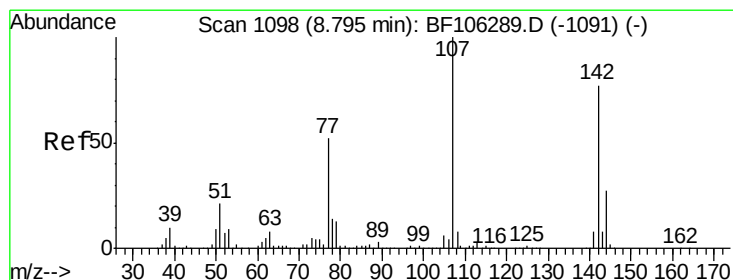
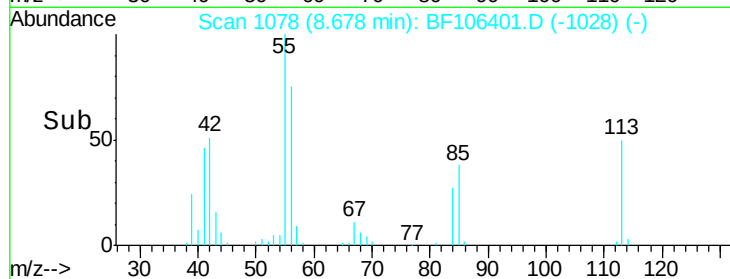
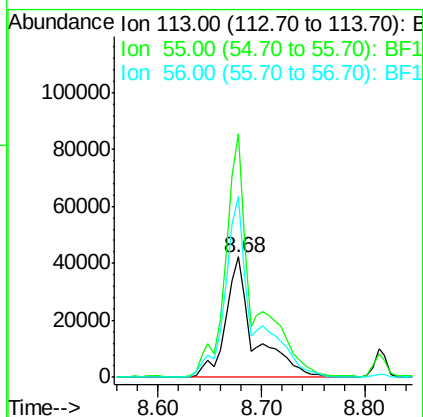
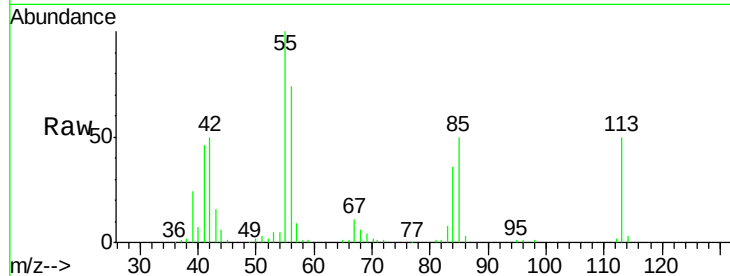
#35
Caprolactam
Concen: 32.102 ng/ml
RT: 8.68 min Scan# 1078
Delta R.T. -0.01 min
Lab File: BF106401.D
Acq: 13 Jun 2018 19:48

Instrument :
BNA_F
ClientSampled :
SP-3MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	201.9	163.3	203.3
56	149.9	115.7	155.7

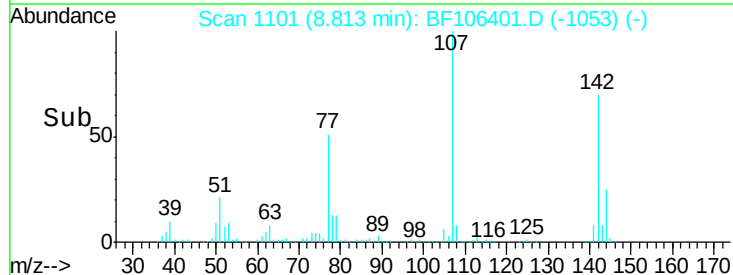
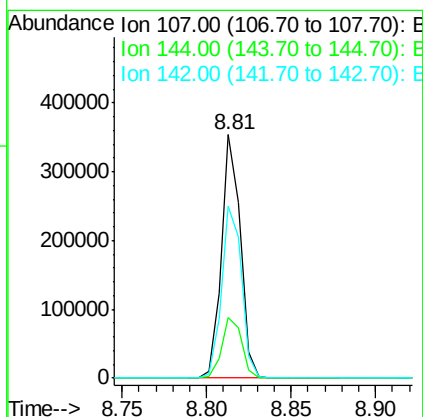
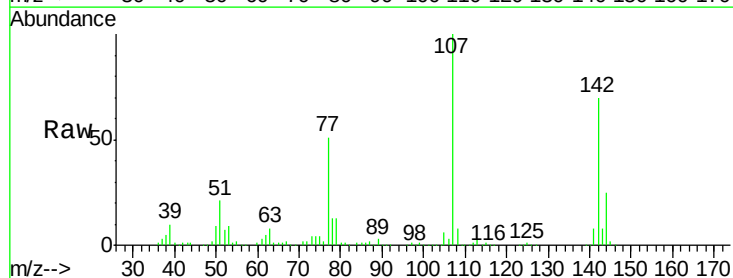
Manual Integrations
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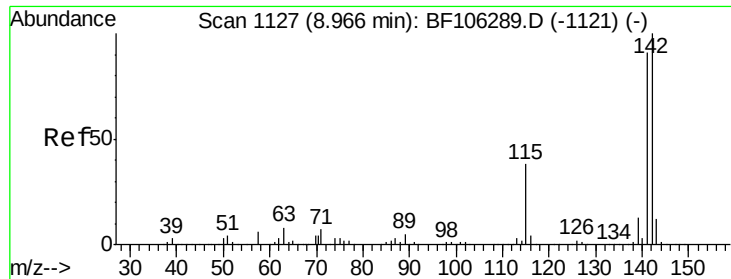
Sohil
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#36
4-Chloro-3-methylphenol
Concen: 33.823 ng/ml
RT: 8.81 min Scan# 1101
Delta R.T. -0.02 min
Lab File: BF106401.D
Acq: 13 Jun 2018 19:48

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.7	20.5	30.7
142	70.4	62.0	93.0





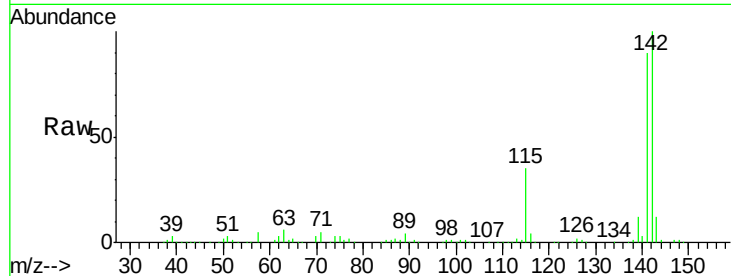
#37
2-Methylnaphthalene
Concen: 33.547 ng
RT: 8.97 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF106401.D
Acq: 13 Jun 2018 19:48

Instrument :
BNA_F
ClientSampleId :
SP-3MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.8	106.2
115	34.6	26.1	39.1

Manual Integrations
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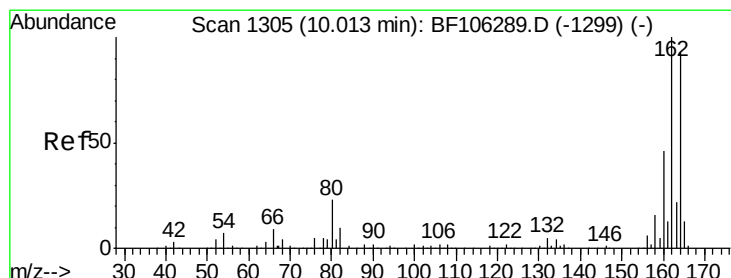
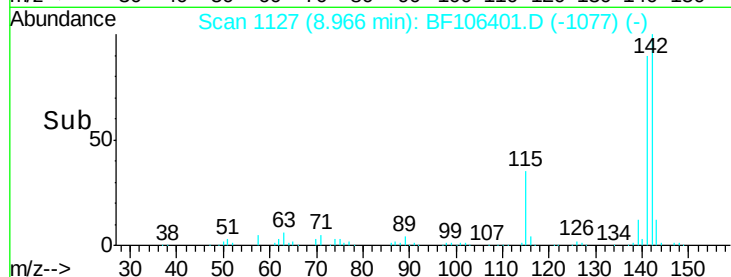
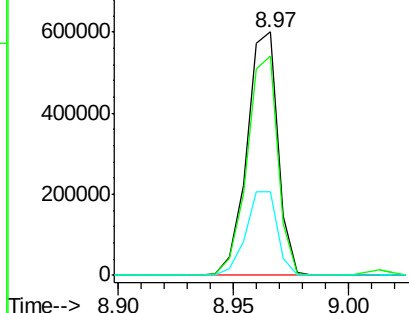


Abundance

Ion 142.00 (141.70 to 142.70): E

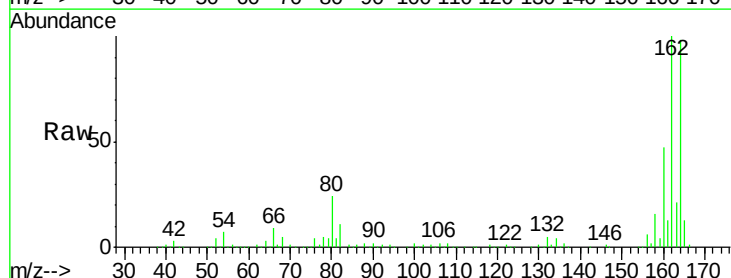
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF106401.D
Acq: 13 Jun 2018 19:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	86.1	129.1
160	48.0	38.3	57.5

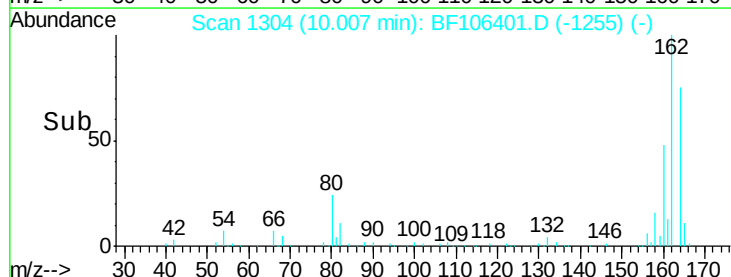
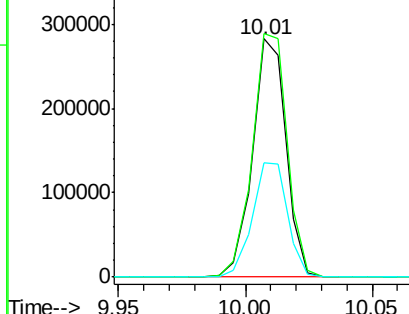


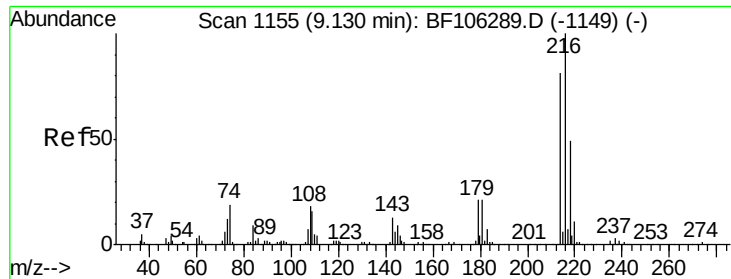
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





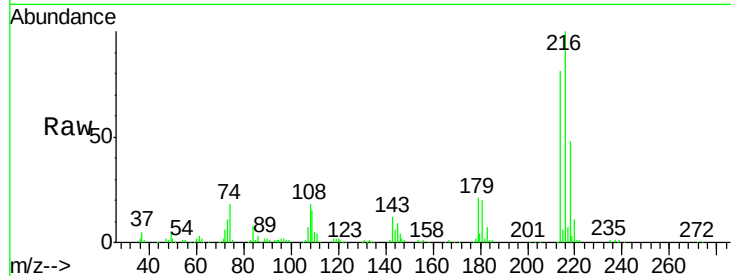
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.815 ng
 RT: 9.12 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF106401.D
 Acq: 13 Jun 2018 19:48

Instrument :
 BNA_F
 ClientSampled :
 SP-3MSD

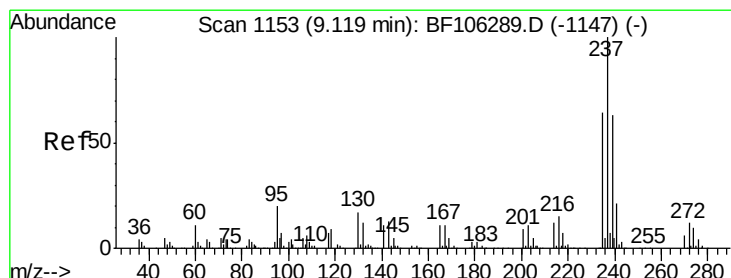
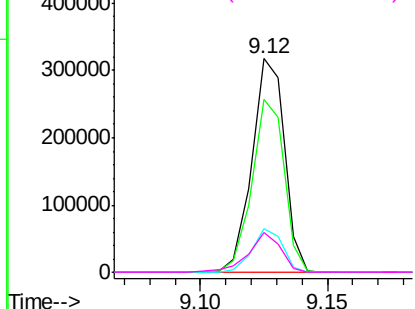
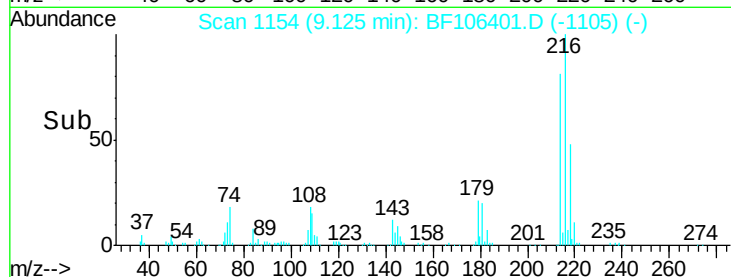
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		285441		
214	79.6		63.0	94.4	
179	19.5		18.1	27.1	
108	18.3		17.2	25.8	

Manual Integrations
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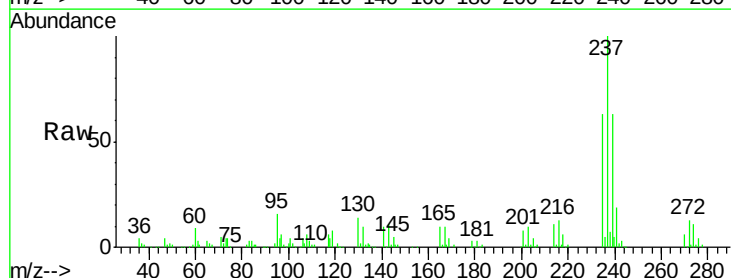


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

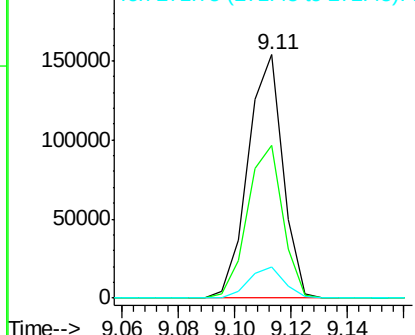
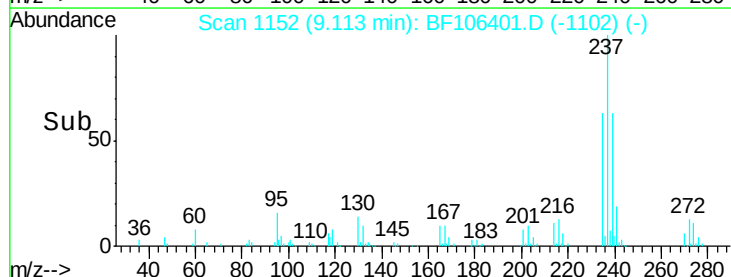


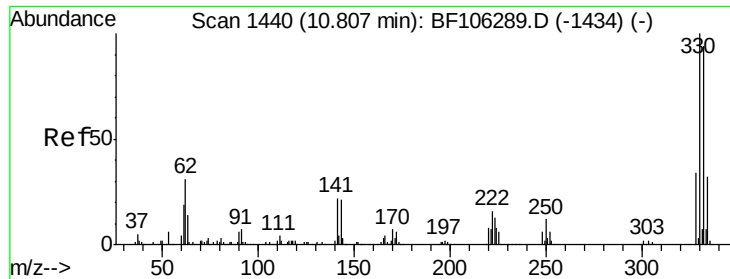
#40
 Hexachlorocyclopentadiene
 Concen: 28.255 ng
 RT: 9.11 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF106401.D
 Acq: 13 Jun 2018 19:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		131591		
235	62.7		44.8	84.8	
272	12.9		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





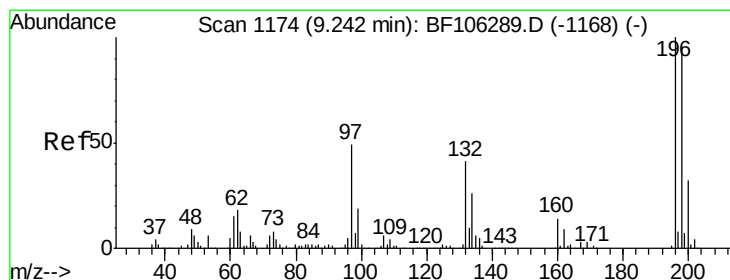
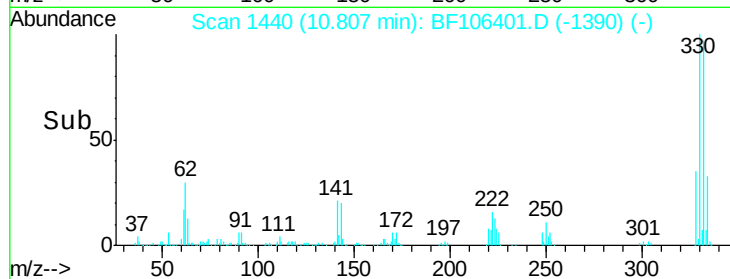
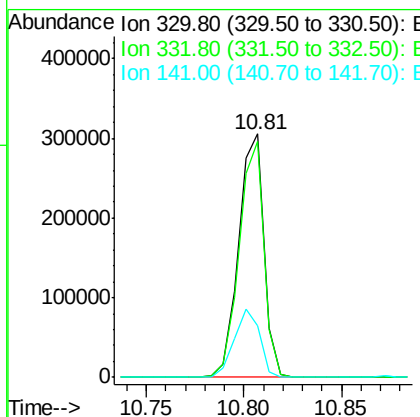
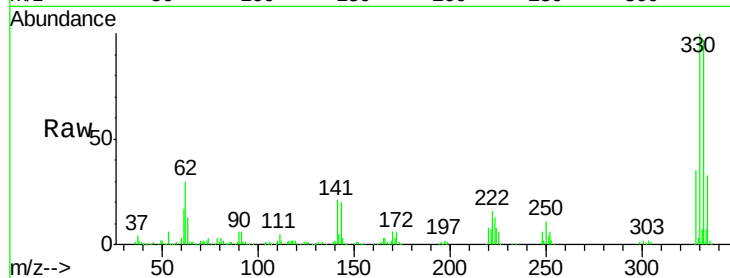
#41
 2,4,6-Tribromophenol
 Concen: 109.250 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF106401.D
 Acq: 13 Jun 2018 19:48

Instrument :
 BNA_F
 ClientSampleId :
 SP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	273334		
332	95.2	77.0	115.6	
141	28.6	29.9	44.9	

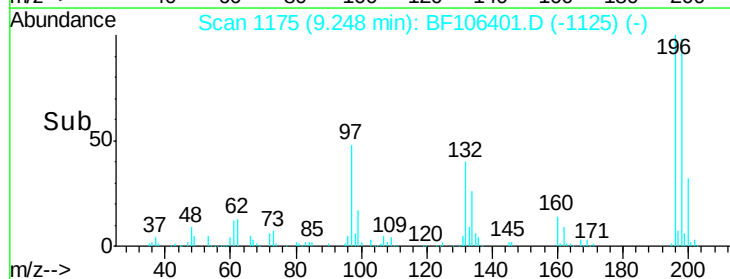
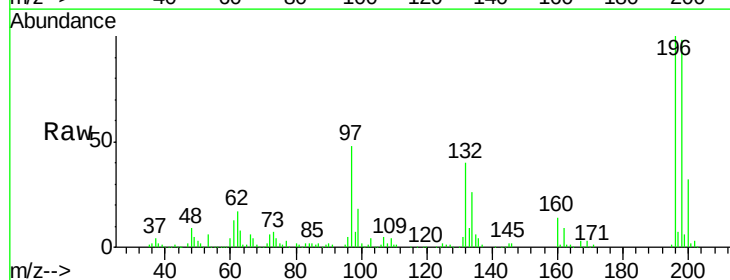
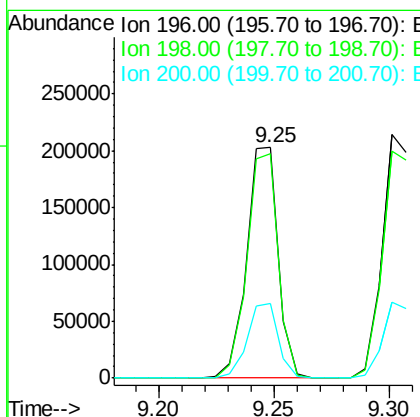
Manual Integrations
 APPROVED

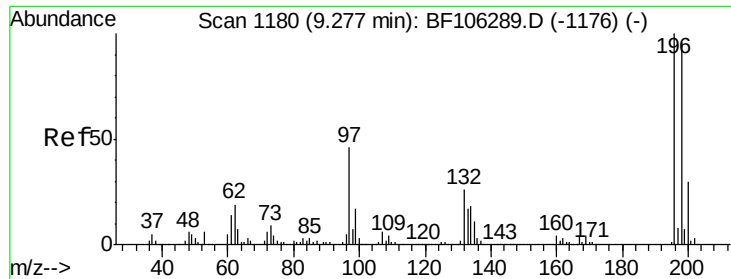
Sohil
 6/14/2018 2:47:50 PM



#42
 2,4,6-Trichlorophenol
 Concen: 35.935 ng
 RT: 9.25 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF106401.D
 Acq: 13 Jun 2018 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	193311		
198	97.6	75.7	113.5	
200	32.3	24.5	36.7	





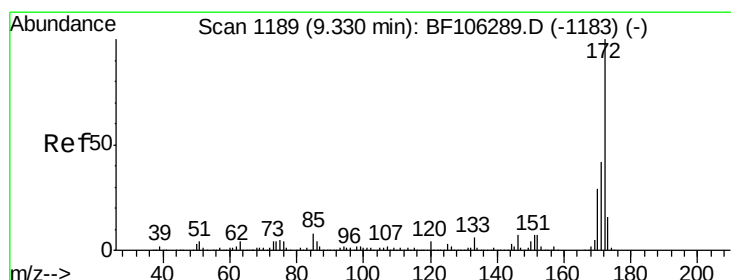
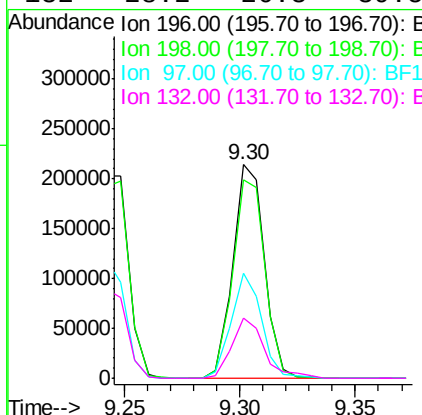
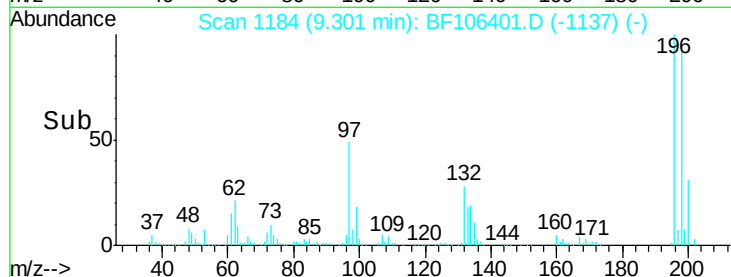
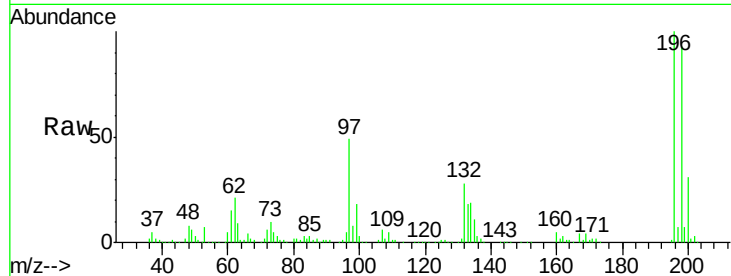
#43
 2,4,5-Trichlorophenol
 Concen: 34.894 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF106401.D
 Acq: 13 Jun 2018 19:48

Instrument :
 BNA_F
 ClientSampleId :
 SP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	202358		
198	93.1	74.6	112.0	
97	49.0	42.9	64.3	
132	28.2	26.3	39.5	

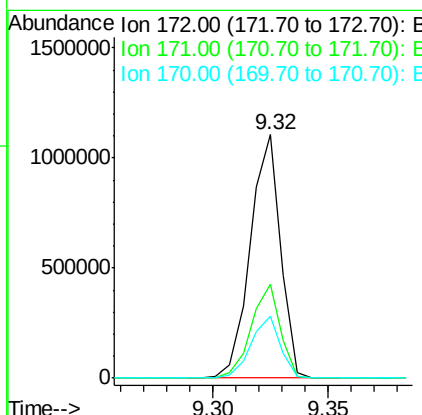
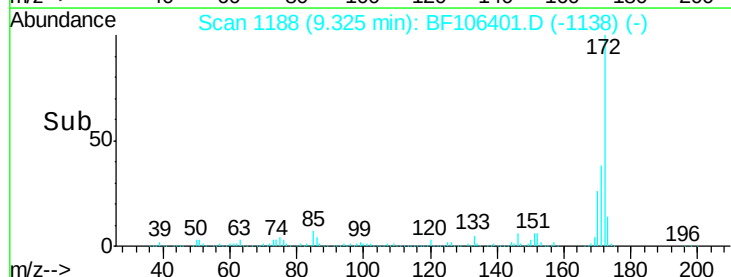
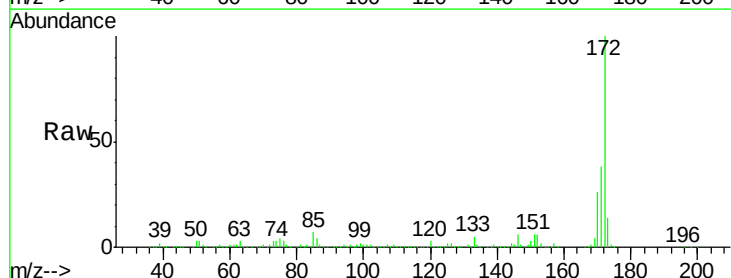
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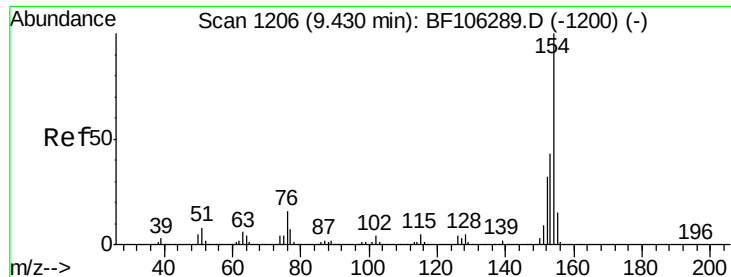
Sohil
 6/14/2018 2:47:50 PM



#44
 2-Fluorobiphenyl
 Concen: 63.246 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF106401.D
 Acq: 13 Jun 2018 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1009569		
171	38.3	29.7	44.5	
170	25.5	19.6	29.4	





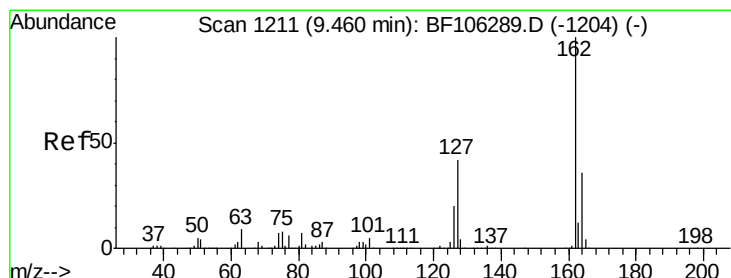
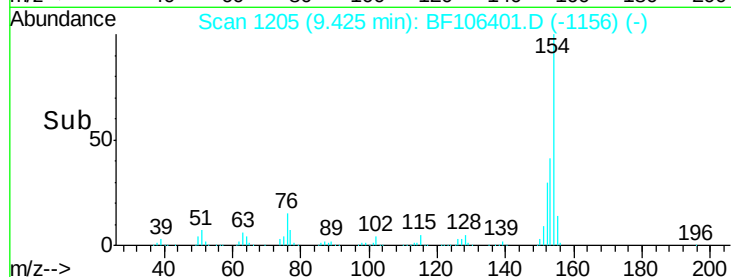
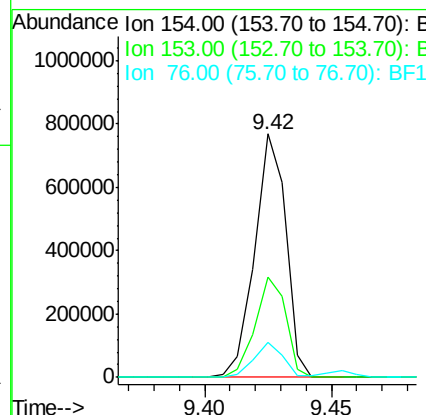
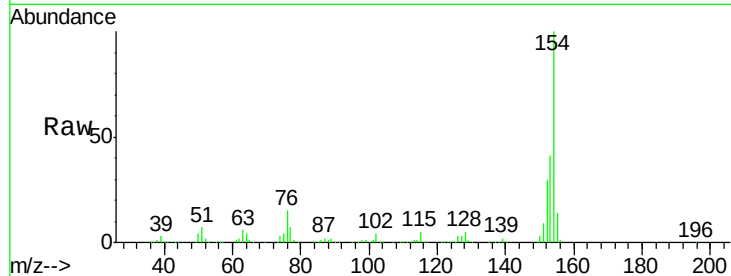
#45
 1,1'-Biphenyl
 Concen: 32.822 ng
 RT: 9.42 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF106401.D
 Acq: 13 Jun 2018 19:48

Instrument :
 BNA_F
 ClientSampled :
 SP-3MSD

Tot Ion:	154	Resp:	661061
Ion Ratio	Lower	Upper	
154	100		
153	41.3	21.3	61.3
76	14.5	0.0	34.0

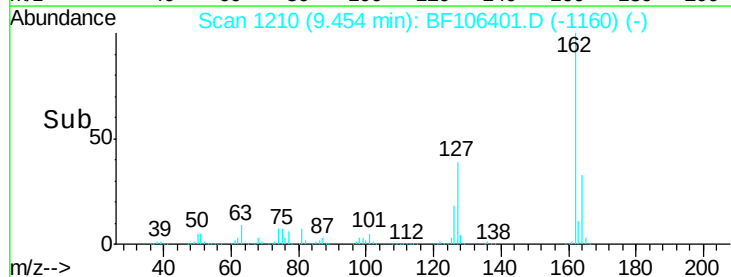
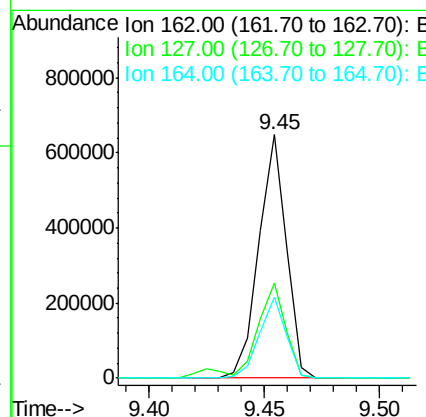
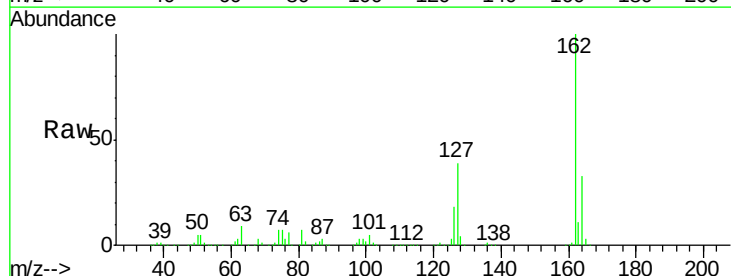
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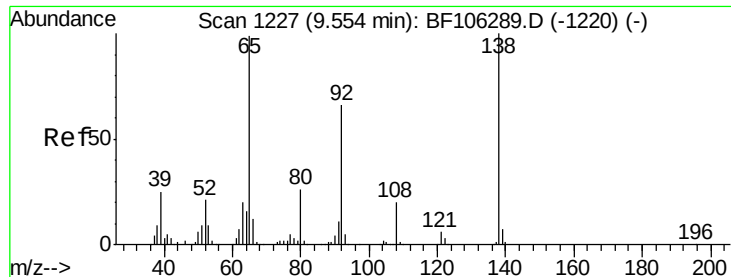
Sohil
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#46
 2-Chloronaphthalene
 Concen: 33.493 ng
 RT: 9.45 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF106401.D
 Acq: 13 Jun 2018 19:48

Tgt Ion:	162	Resp:	539829
Ion Ratio	Lower	Upper	
162	100		
127	39.2	33.9	50.9
164	33.2	26.5	39.7





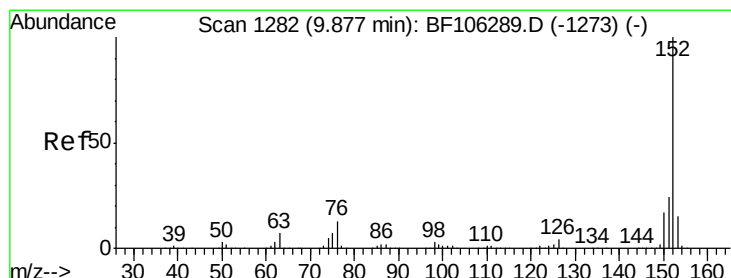
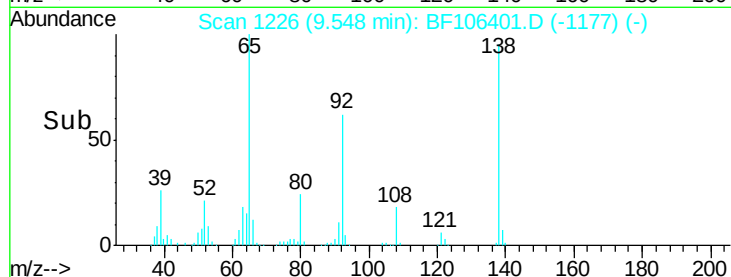
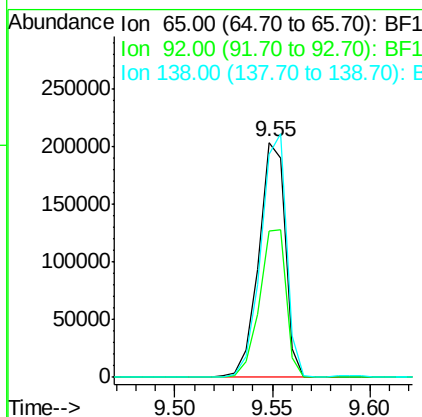
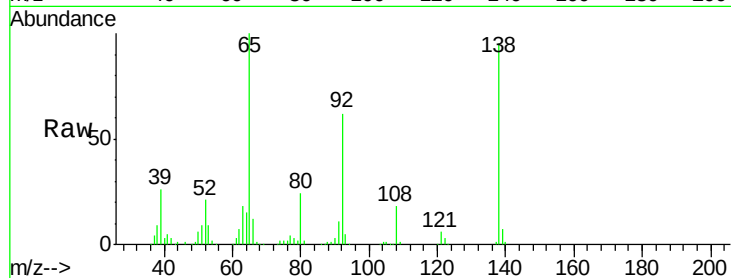
#47
2-Nitroaniline
Concen: 37.755 ng
RT: 9.55 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF106401.D
Acq: 13 Jun 2018 19:48

Instrument :
BNA_F
ClientSampled :
SP-3MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.3	55.8	83.6
138	95.3	91.2	136.8

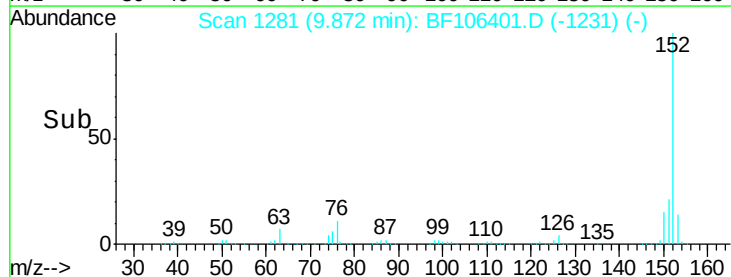
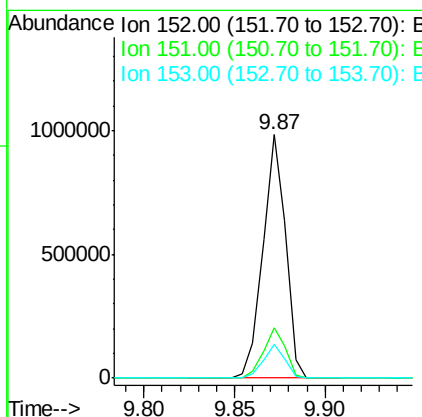
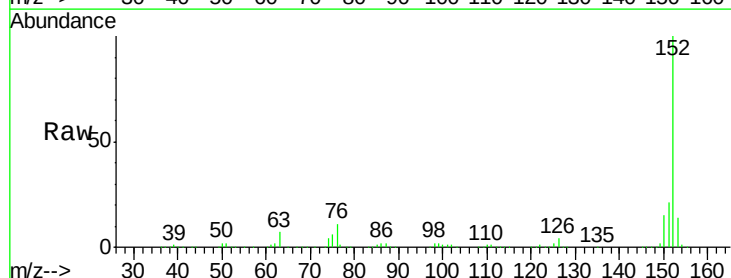
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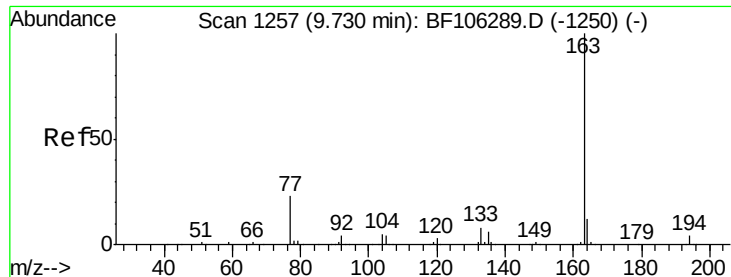
Sohil
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#48
Acenaphthylene
Concen: 34.610 ng
RT: 9.87 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF106401.D
Acq: 13 Jun 2018 19:48

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	14.1	10.7	16.1





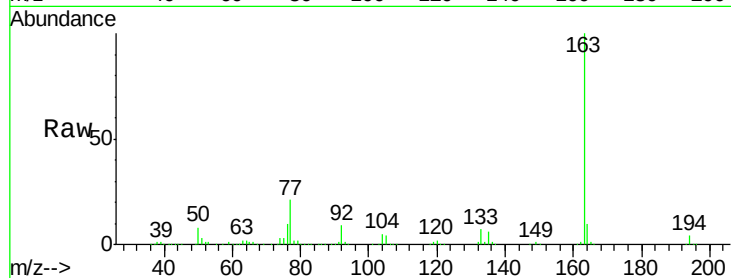
#49
Dimethylphthalate
Concen: 44.473 ng
RT: 9.72 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF106401.D
Acq: 13 Jun 2018 19:48

Instrument :
BNA_F
ClientSampleId :
SP-3MSD

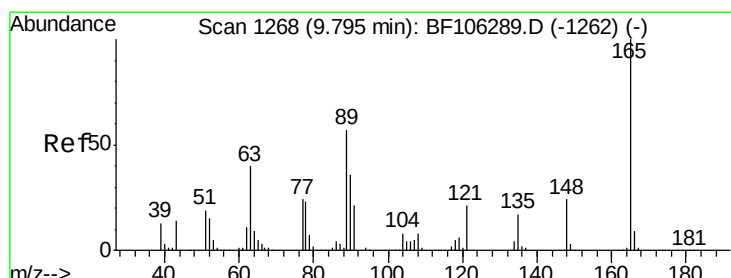
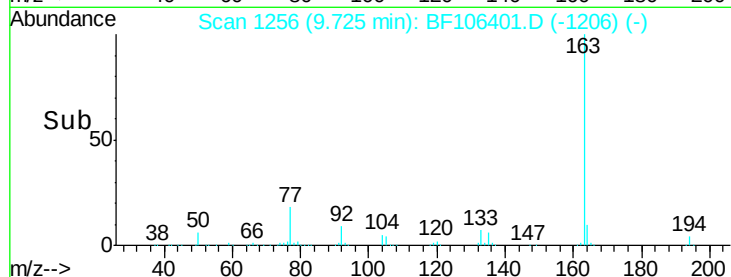
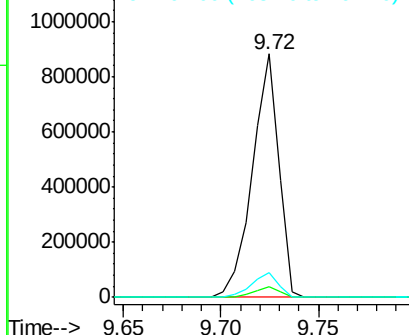
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.1	2.7	4.1#	
164	10.3	8.2	12.2	

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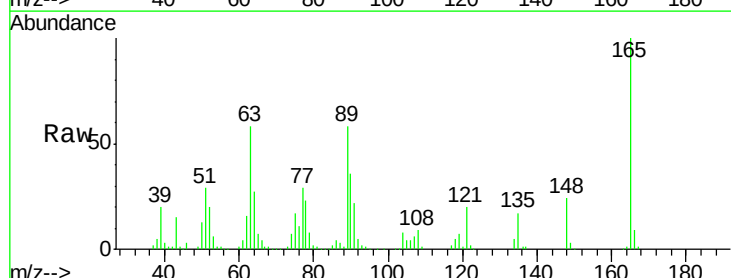


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

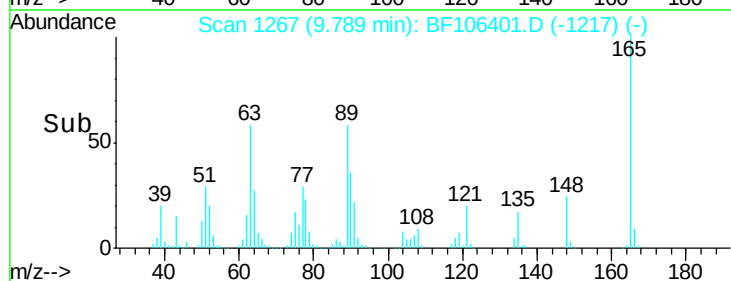
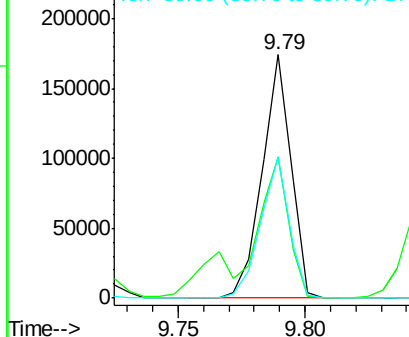


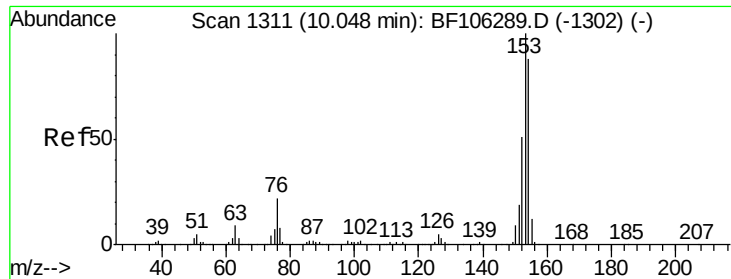
#50
2,6-Dinitrotoluene
Concen: 36.623 ng
RT: 9.79 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF106401.D
Acq: 13 Jun 2018 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	58.2	44.7	67.1	
89	57.8	44.0	66.0	



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





#51

Acenaphthene

Concen: 32.659 ng

RT: 10.04 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF106401.D

Acq: 13 Jun 2018 19:48

Instrument :

BNA_F

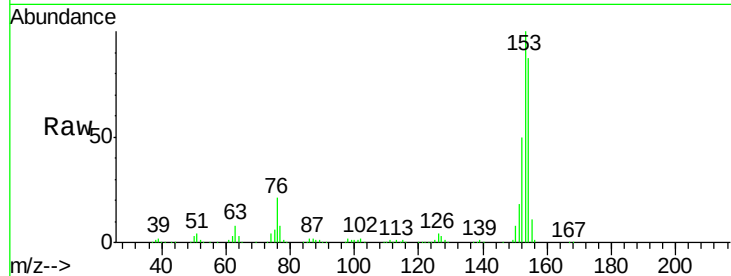
ClientSampled :

SP-3MSD

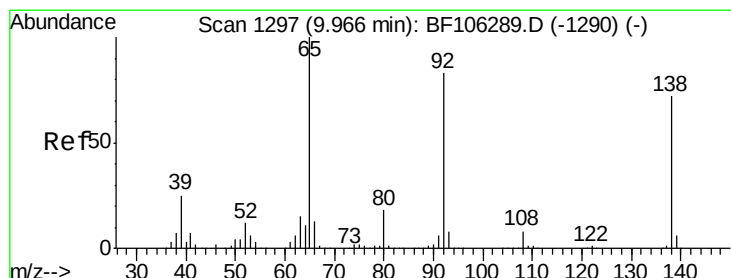
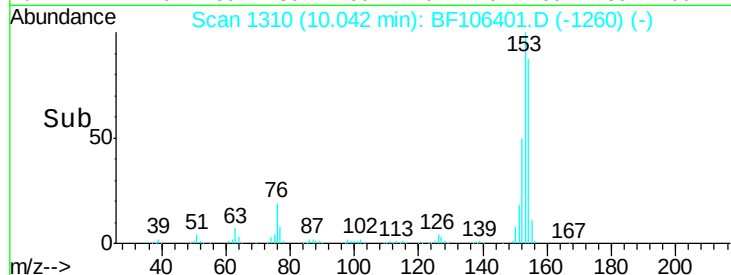
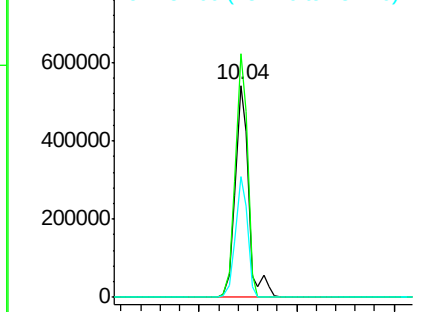
Tot Ion:	154	Resp:	520336
Ion Ratio	Lower	Upper	
154	100		
153	114.8	91.2	136.8
152	57.0	43.8	65.8

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



#52

3-Nitroaniline

Concen: 23.812 ng

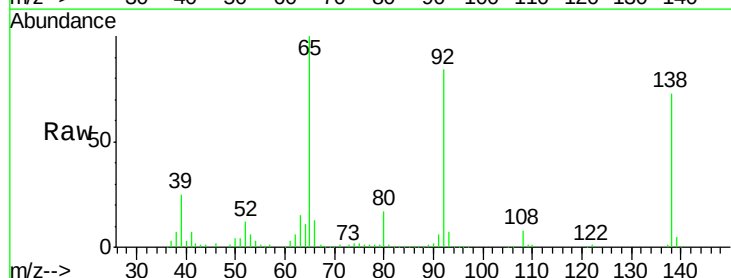
RT: 9.96 min Scan# 1296

Delta R.T. -0.01 min

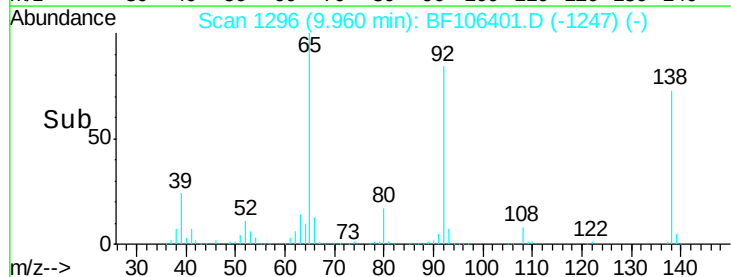
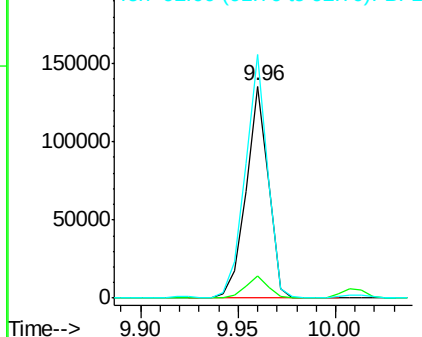
Lab File: BF106401.D

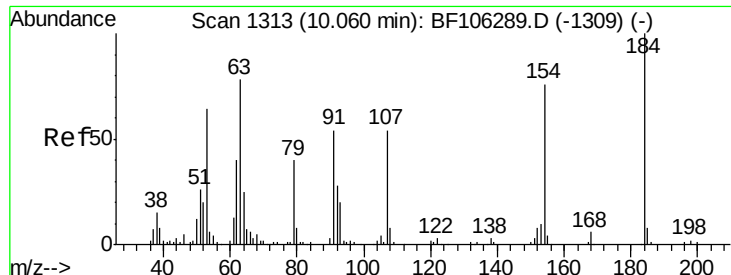
Acq: 13 Jun 2018 19:48

Tgt Ion:	138	Resp:	107247
Ion Ratio	Lower	Upper	
138	100		
108	10.6	9.4	14.0
92	114.8	89.4	134.2



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





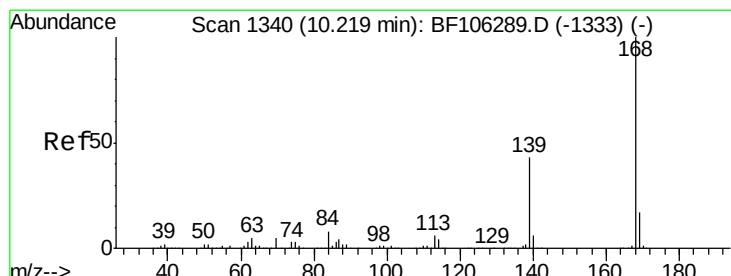
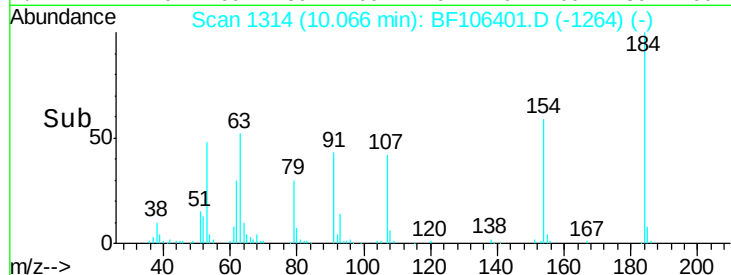
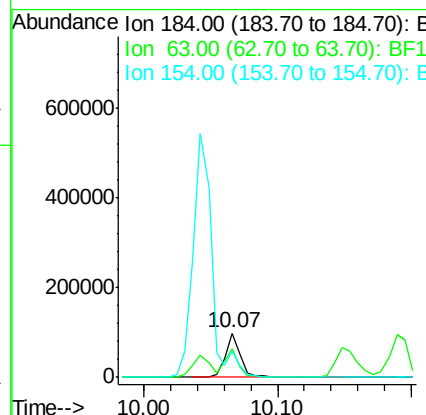
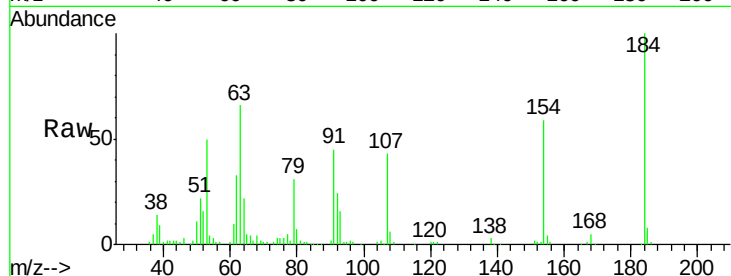
#53
 2,4-Dinitrophenol
 Concen: 49.026 ng
 RT: 10.07 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF106401.D
 Acq: 13 Jun 2018 19:48

Instrument :
 BNA_F
 ClientSampleId :
 SP-3MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	65.8	54.2	81.2
154	58.6	184.0	276.0#

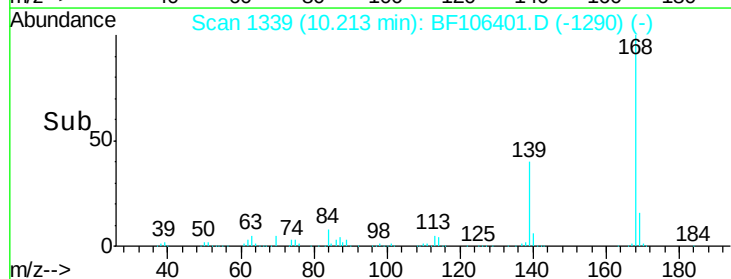
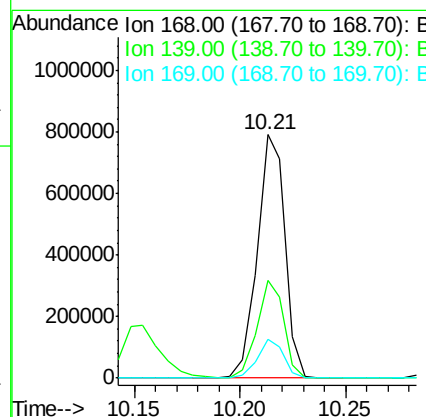
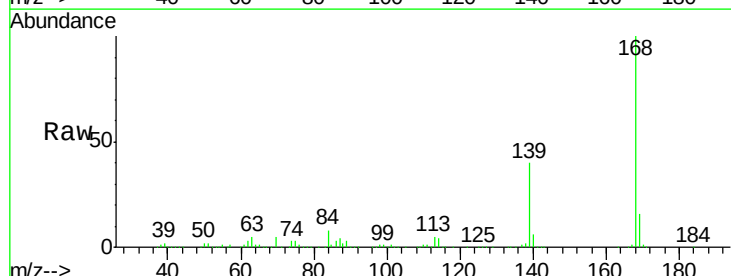
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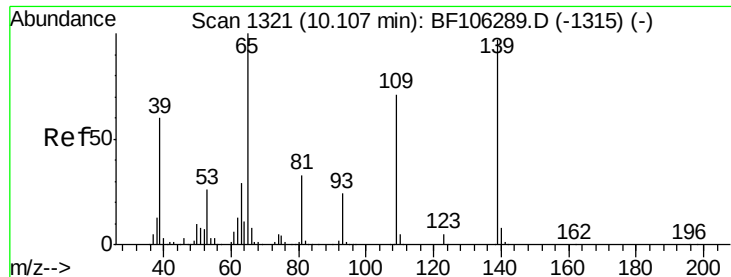
Sohil
 6/14/2018 2:47:50 PM



#54
 Dibenzofuran
 Concen: 33.617 ng
 RT: 10.21 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF106401.D
 Acq: 13 Jun 2018 19:48

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.4	30.1	45.1
169	15.9	10.9	16.3





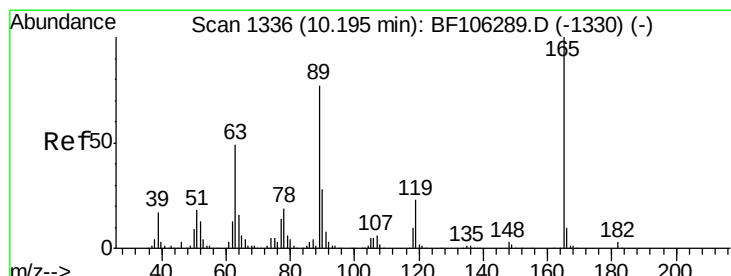
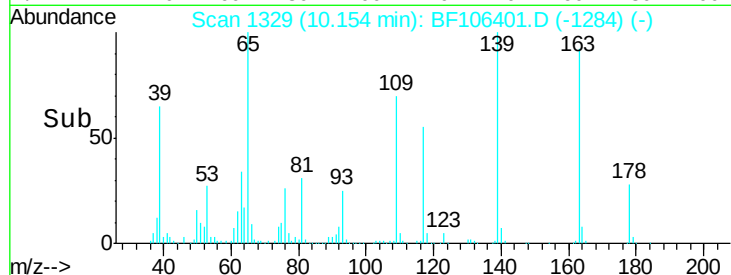
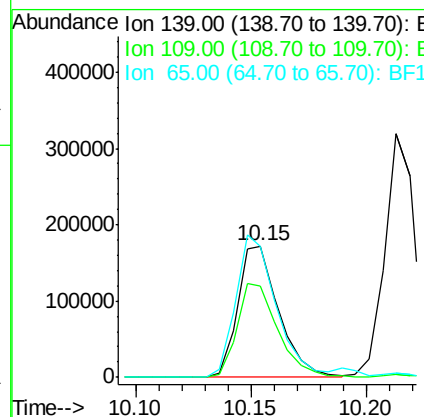
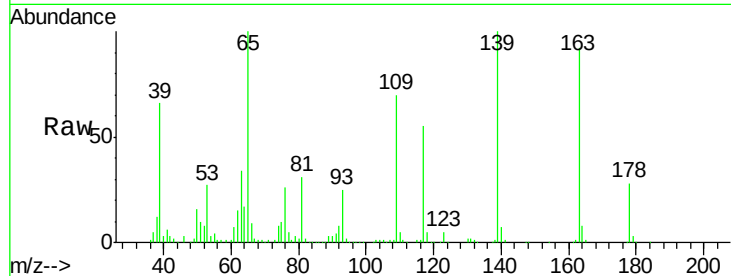
#55
4-Nitrophenol
Concen: 61.652 ng
RT: 10.15 min Scan# 1329
Delta R.T. -0.04 min
Lab File: BF106401.D
Acq: 13 Jun 2018 19:48

Instrument :
BNA_F
ClientSampleId :
SP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	212839		
109	70.0	48.4	88.4	
65	100.1	72.6	112.6	

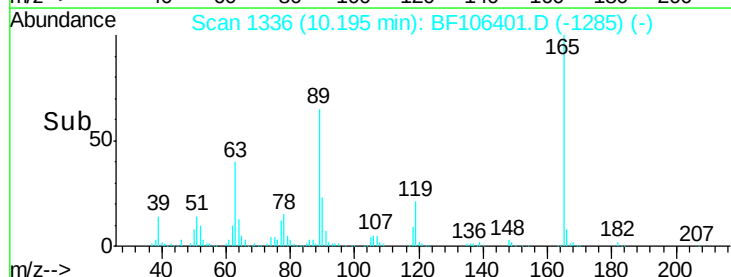
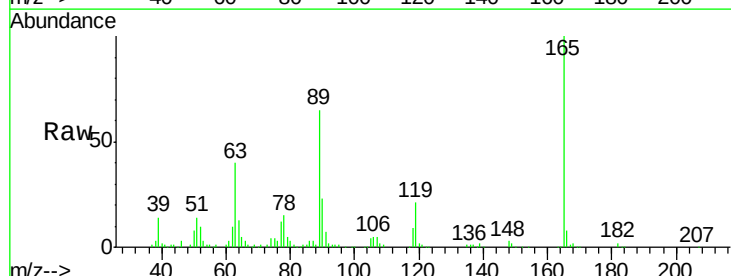
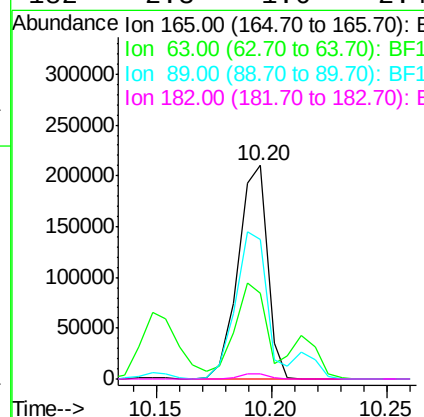
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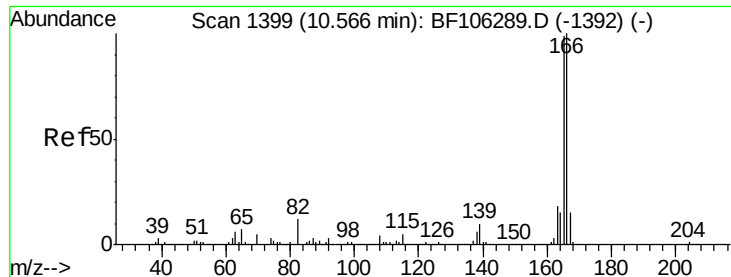
Sohil
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#56
2,4-Dinitrotoluene
Concen: 39.291 ng
RT: 10.20 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF106401.D
Acq: 13 Jun 2018 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	187234		
63	39.9	36.4	54.6	
89	65.2	57.8	86.6	
182	2.3	1.6	2.4	





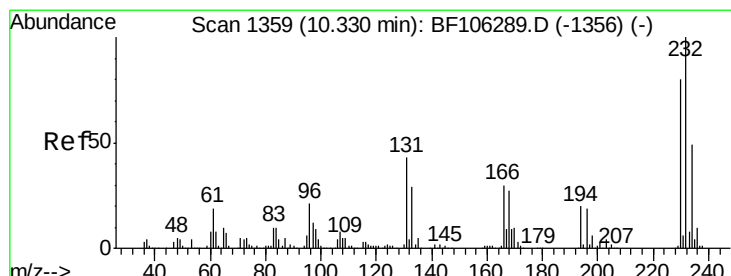
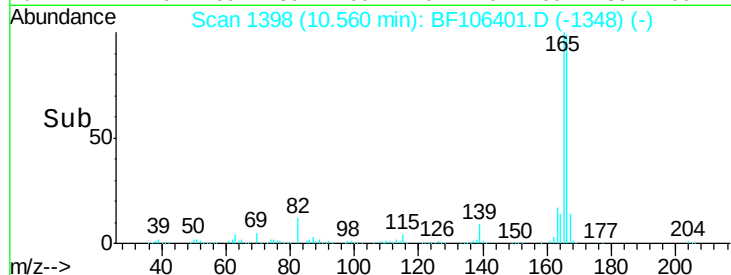
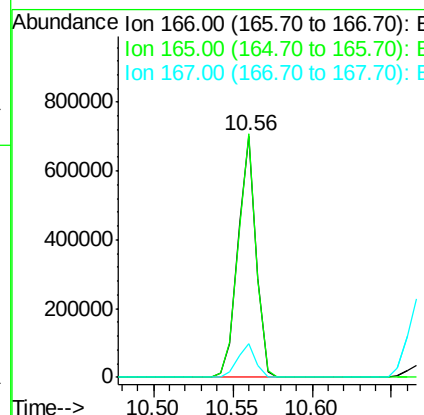
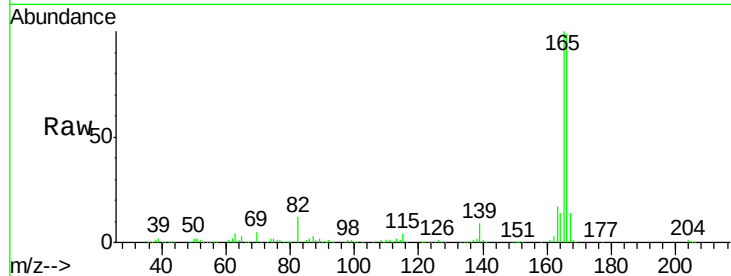
#57
 Fluorene
 Concen: 32.677 ng
 RT: 10.56 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF106401.D
 Acq: 13 Jun 2018 19:48

Instrument :
 BNA_F
 ClientSampleId :
 SP-3MSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.9	79.8	119.8
167	13.9	10.6	16.0

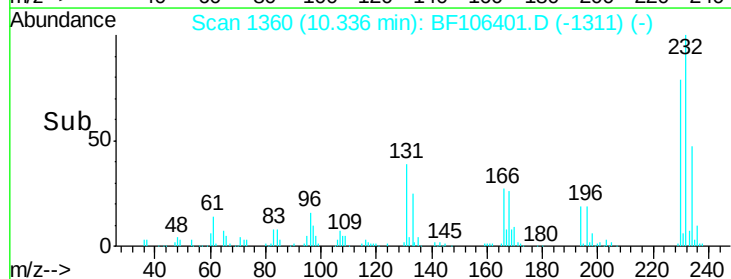
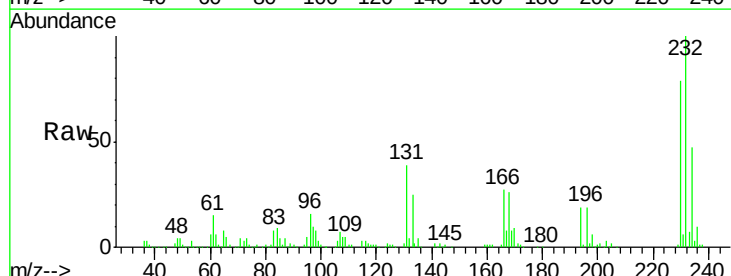
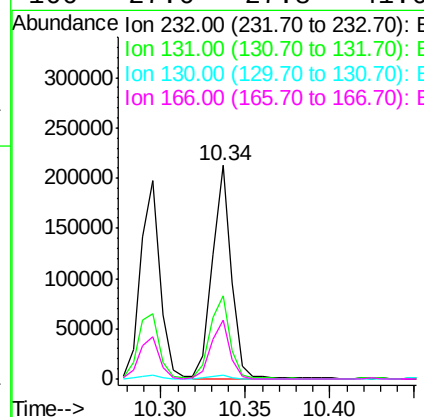
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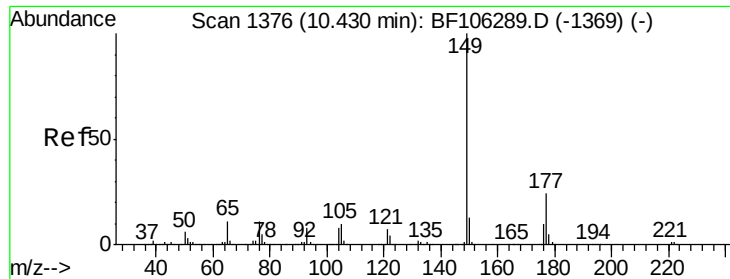
Sohil
 6/14/2018 2:47:50 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.474 ng
 RT: 10.34 min Scan# 1360
 Delta R.T. -0.01 min
 Lab File: BF106401.D
 Acq: 13 Jun 2018 19:48

Tgt Ion	Ratio	Lower	Upper
232	100		
131	40.9	43.8	65.8#
130	2.0	2.1	3.1#
166	27.6	27.8	41.6#





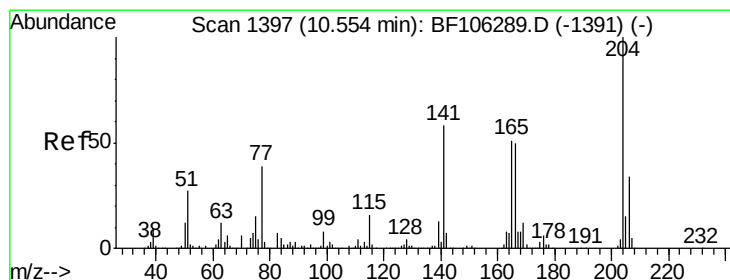
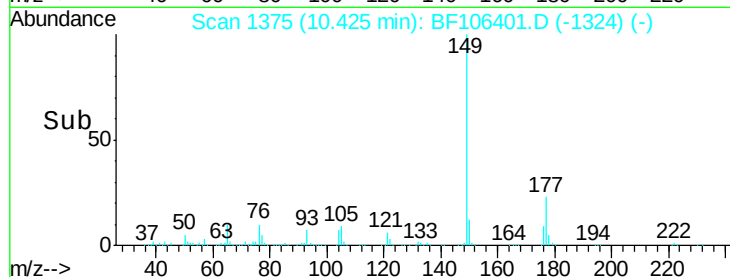
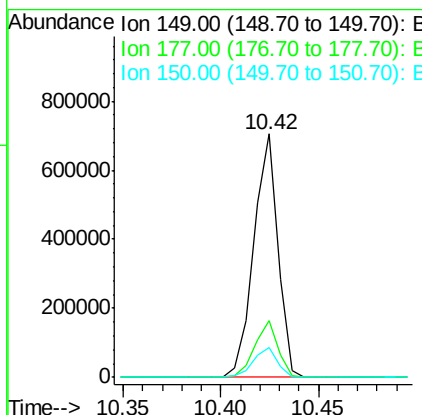
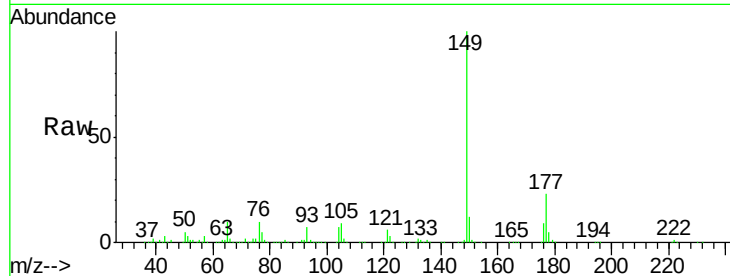
#59
Diethylphthalate
Concen: 32.729 ng
RT: 10.42 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BF106401.D
Acq: 13 Jun 2018 19:48

Instrument :
BNA_F
ClientSampleId :
SP-3MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.4	16.1	24.1
150	12.3	10.1	15.1

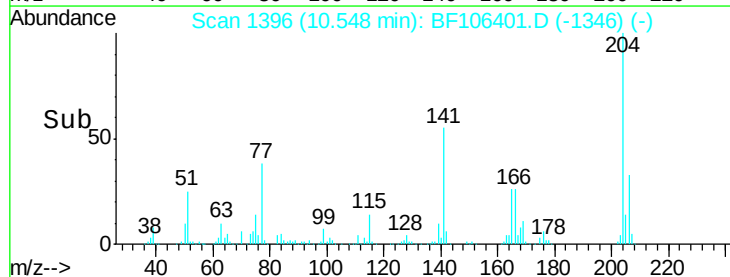
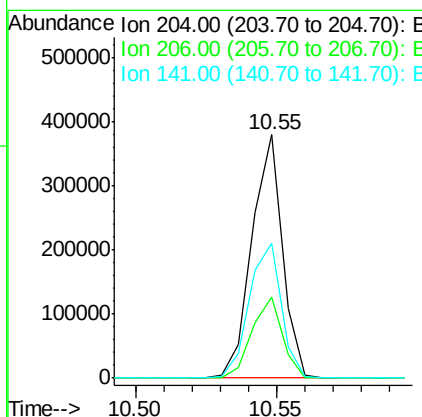
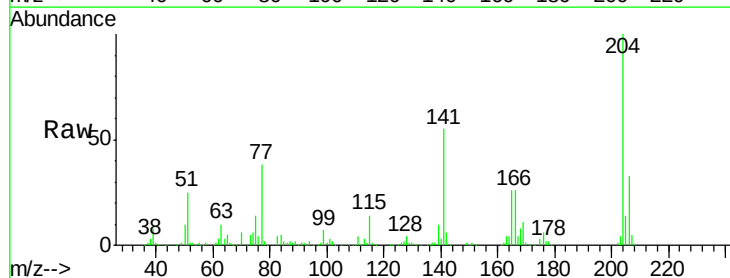
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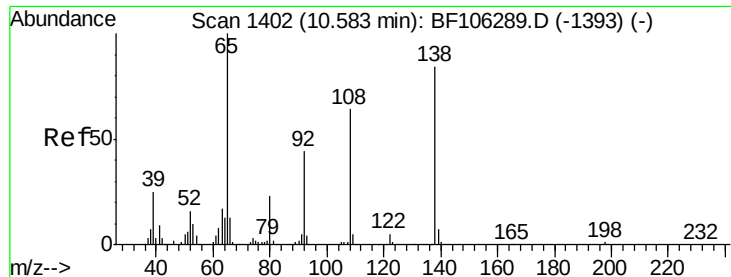
Sohil
6/14/2018 2:47:50 PM



#60
4-Chlorophenyl-phenylether
Concen: 31.932 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF106401.D
Acq: 13 Jun 2018 19:48

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.5	39.7
141	55.4	54.6	81.8





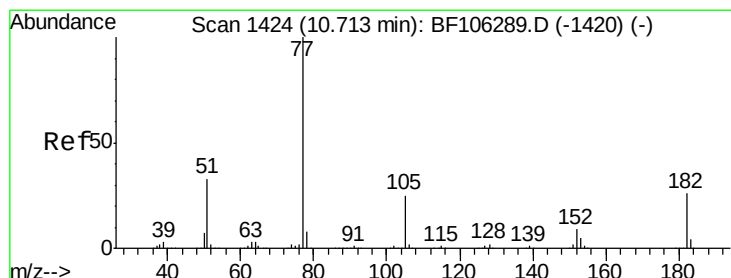
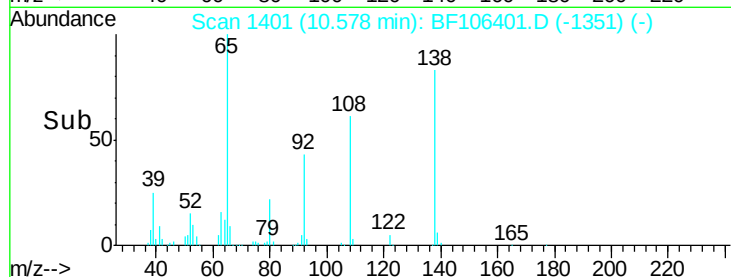
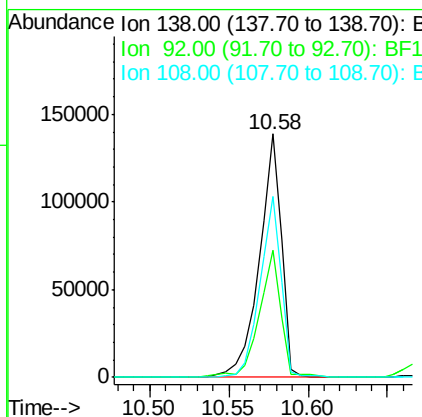
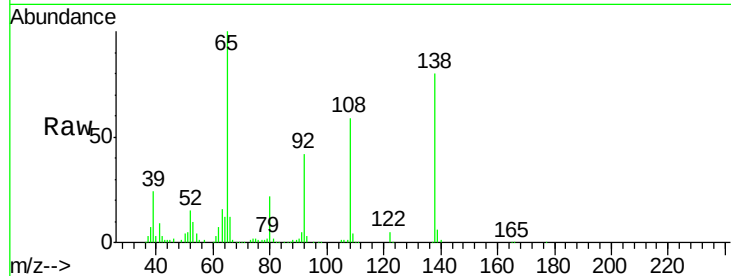
#61
4-Nitroaniline
Concen: 31.014 ng
RT: 10.58 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF106401.D
Acq: 13 Jun 2018 19:48

Instrument :
BNA_F
ClientSampleId :
SP-3MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	52.2	30.2	70.2
108	74.3	52.5	92.5

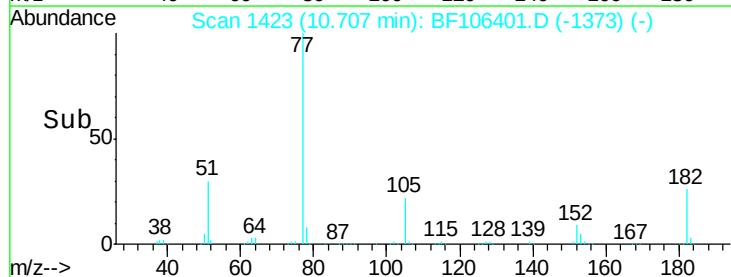
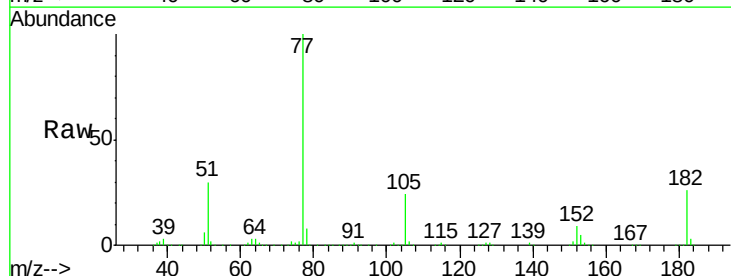
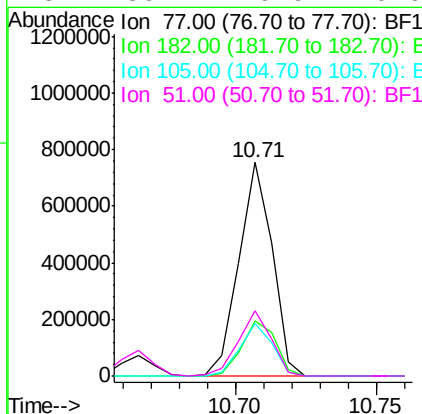
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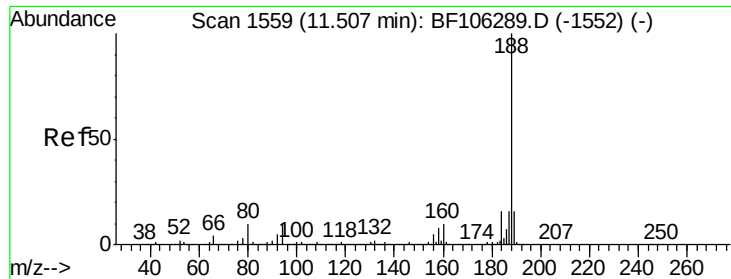
Sohil
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#62
Azobenzene
Concen: 32.252 ng
RT: 10.71 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF106401.D
Acq: 13 Jun 2018 19:48

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.6	1.7	41.7
105	24.4	3.0	43.0
51	30.4	9.9	49.9





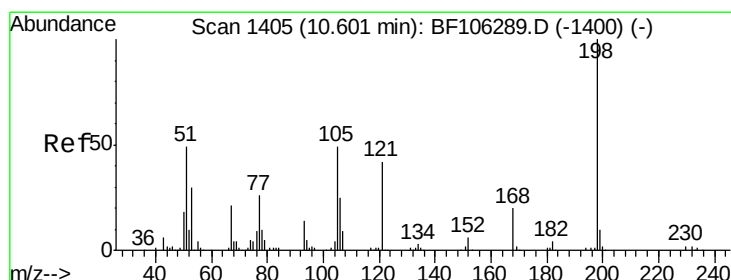
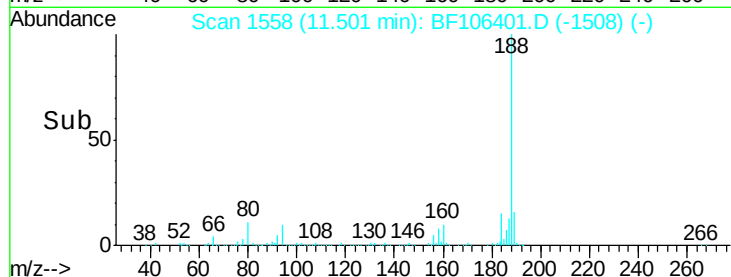
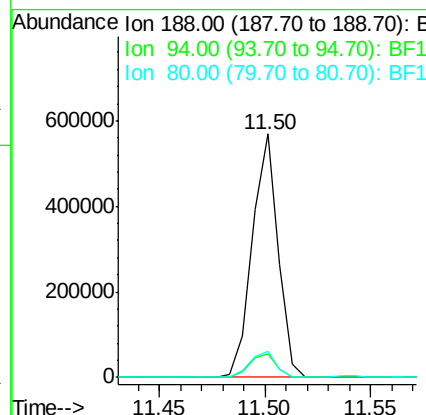
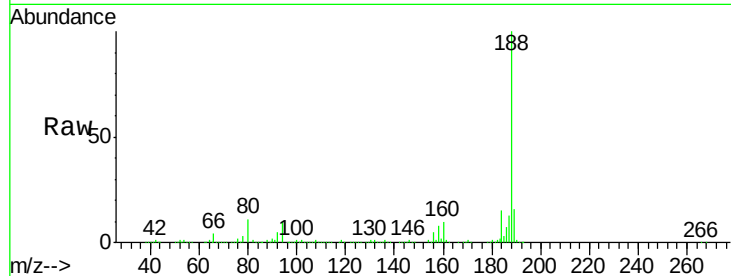
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF106401.D
Acq: 13 Jun 2018 19:48

Instrument :
BNA_F
ClientSampleId :
SP-3MSD

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

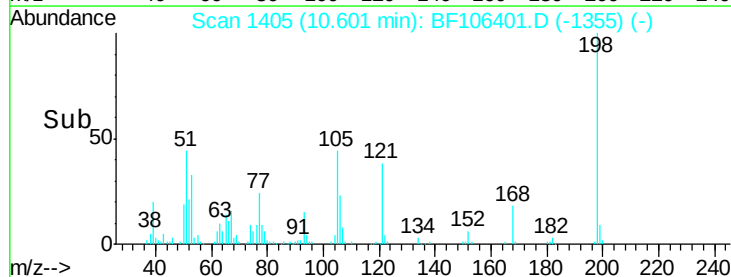
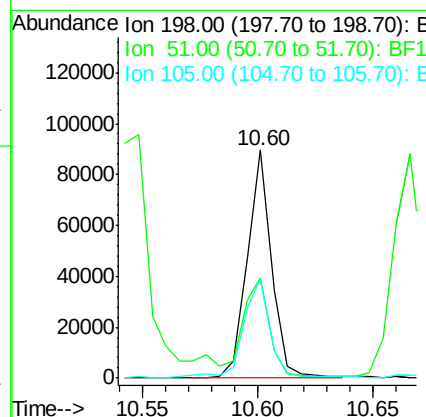
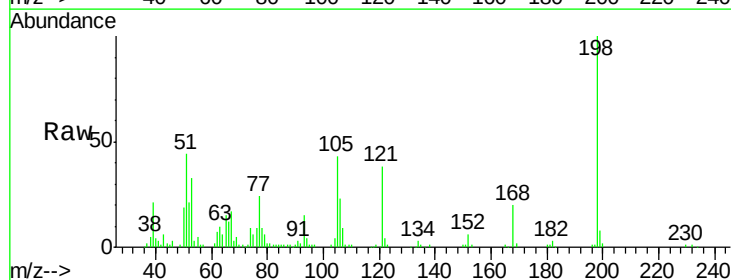
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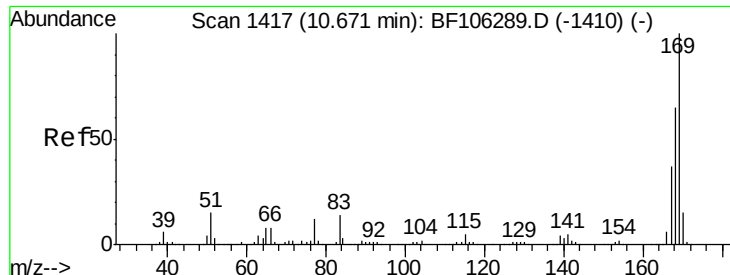
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#64
4,6-Dinitro-2-methylphenol
Concen: 28.395 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF106401.D
Acq: 13 Jun 2018 19:48

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	43.9	37.7	77.7
105	43.4	36.3	76.3





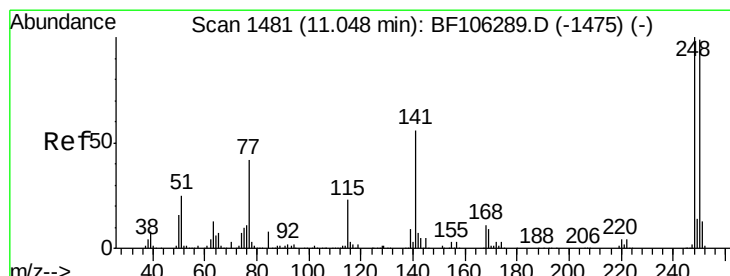
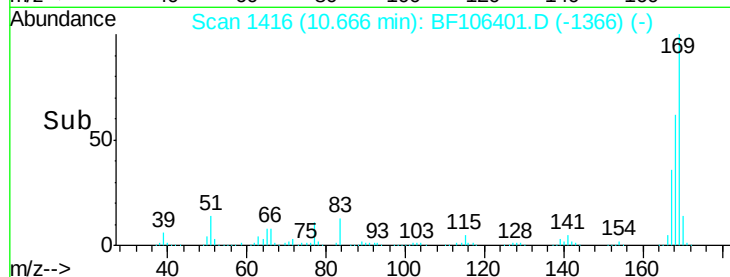
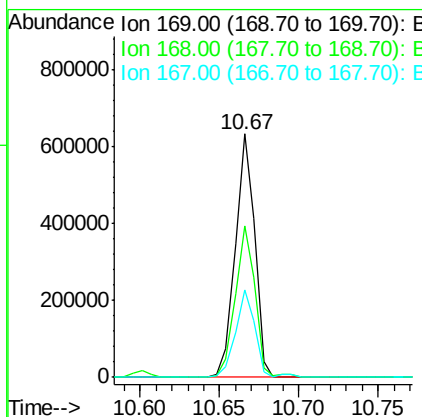
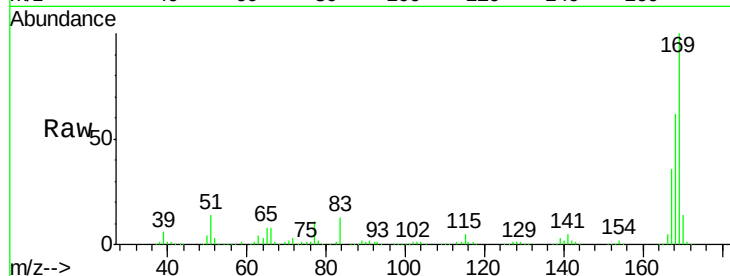
#65
n-Nitrosodiphenylamine
Concen: 33.156 ng
RT: 10.67 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF106401.D
Acq: 13 Jun 2018 19:48

Instrument :
BNA_F
ClientSampleId :
SP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	537275		
168	62.2		54.4	81.6
167	36.2		29.8	44.6

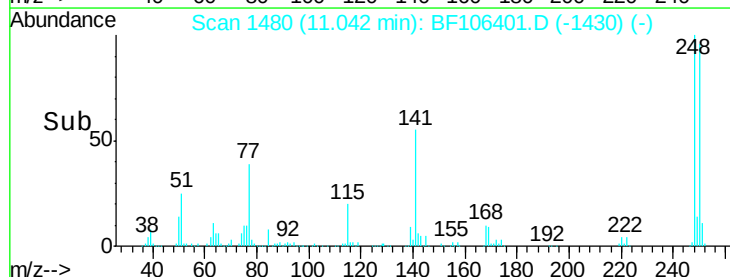
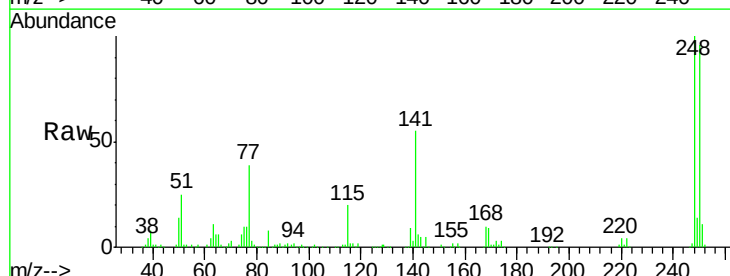
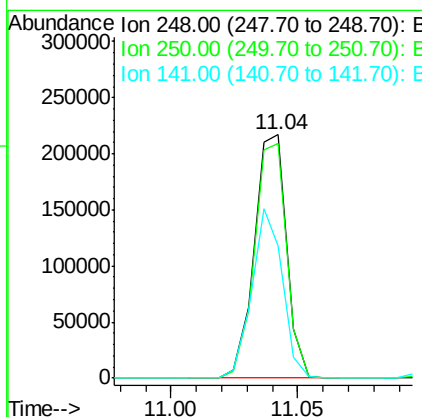
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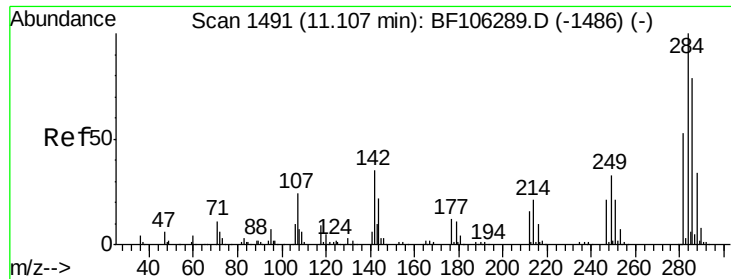
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 35.002 ng
RT: 11.04 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BF106401.D
Acq: 13 Jun 2018 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	191953		
250	96.3		76.9	115.3
141	54.6		74.4	111.6#





#67

Hexachlorobenzene

Concen: 33.323 ng

RT: 11.11 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BF106401.D

Acq: 13 Jun 2018 19:48

Instrument :

BNA_F

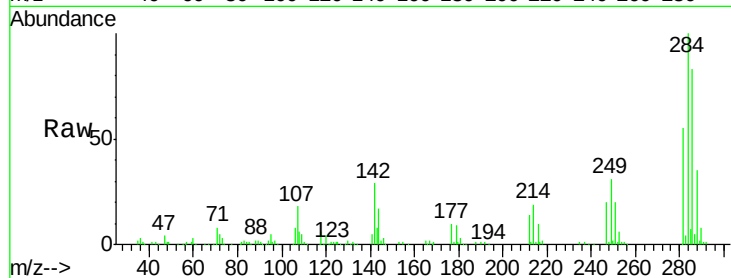
ClientSampled :

SP-3MSD

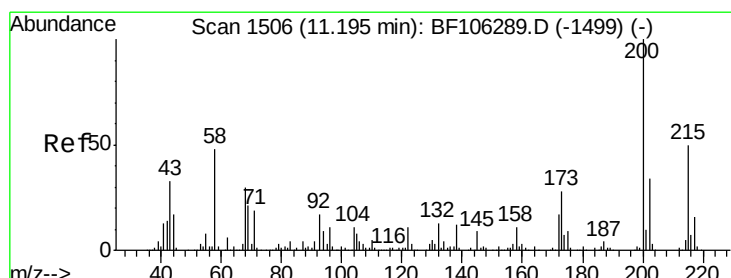
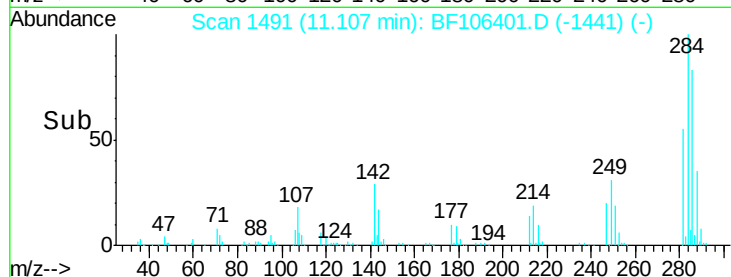
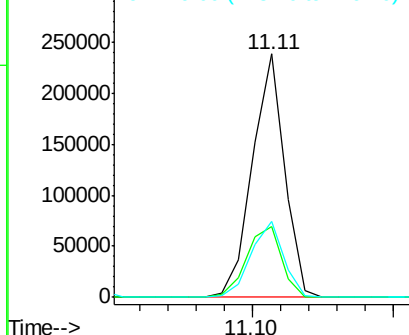
Tot Ion:	284	Resp:	188398
Ion Ratio	Lower	Upper	
284	100		
142	29.3	34.6	52.0#
249	31.1	24.8	37.2

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



#68

Atrazine

Concen: 34.865 ng

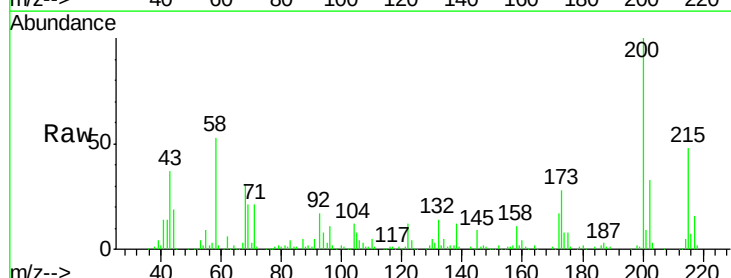
RT: 11.19 min Scan# 1505

Delta R.T. -0.01 min

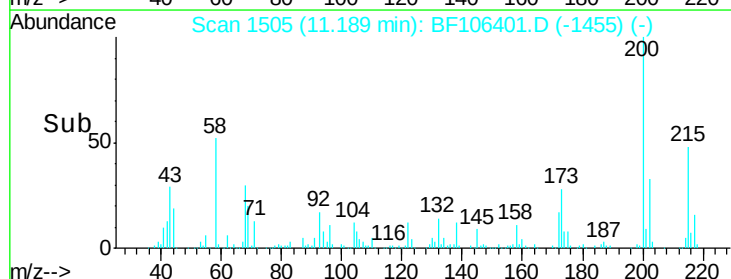
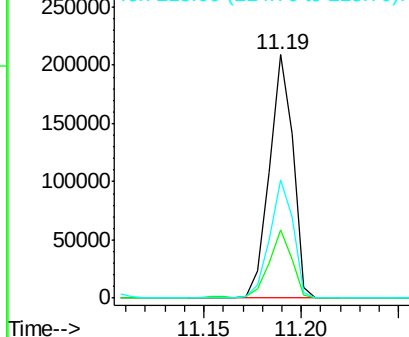
Lab File: BF106401.D

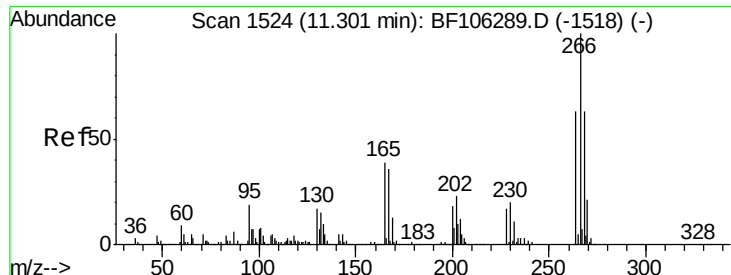
Acq: 13 Jun 2018 19:48

Tgt Ion:	200	Resp:	174107
Ion Ratio	Lower	Upper	
200	100		
173	28.1	8.6	48.6
215	48.5	25.1	65.1



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





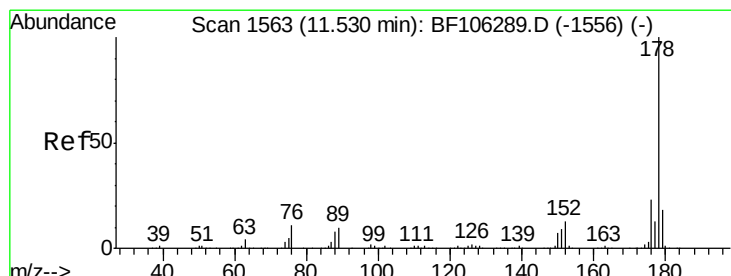
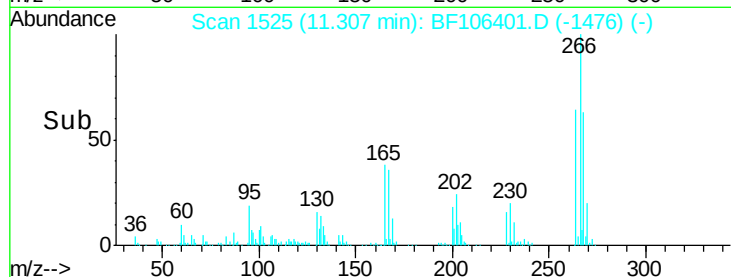
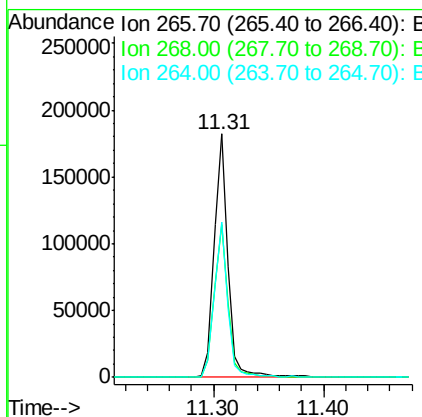
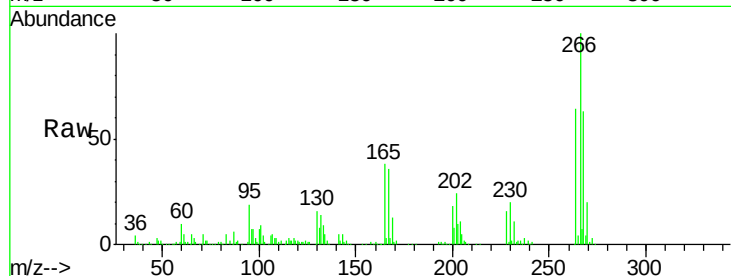
#69
 Pentachlorophenol
 Concen: 44.963 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. -0.01 min
 Lab File: BF106401.D
 Acq: 13 Jun 2018 19:48

Instrument :
 BNA_F
 ClientSampled :
 SP-3MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.6	51.1	76.7
264	63.8	49.5	74.3

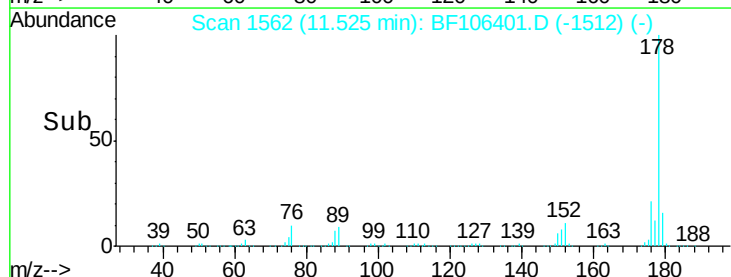
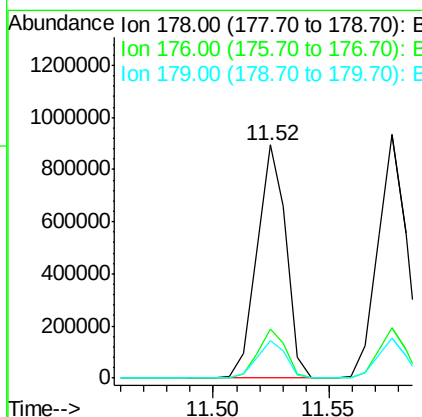
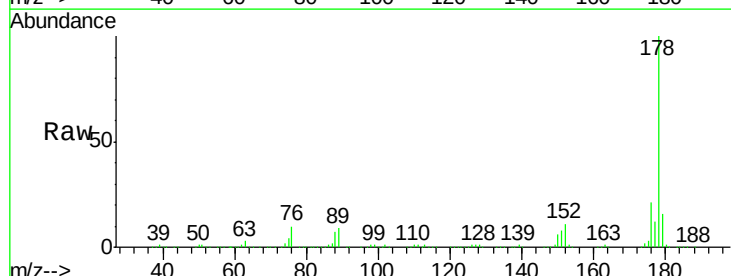
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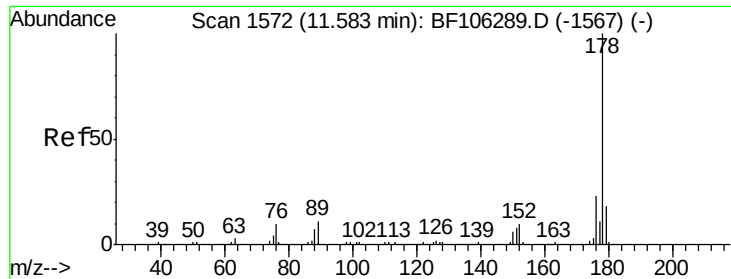
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 6/14/2018 2:47:50 PM



#70
 Phenanthrene
 Concen: 33.095 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. -0.01 min
 Lab File: BF106401.D
 Acq: 13 Jun 2018 19:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.8	23.8
179	15.9	13.0	19.6





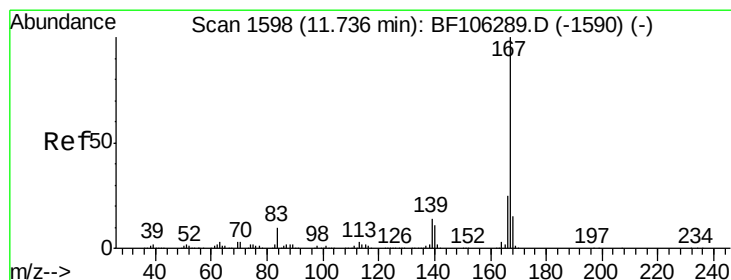
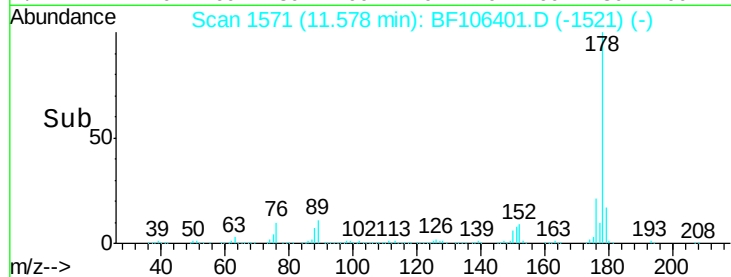
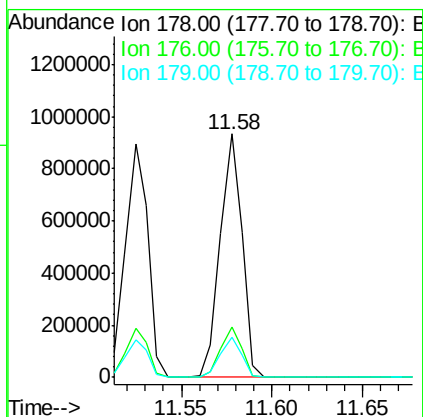
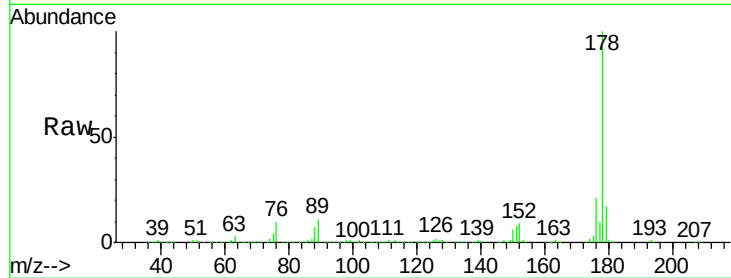
#71
 Anthracene
 Concen: 33.307 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF106401.D
 Acq: 13 Jun 2018 19:48

Instrument :
 BNA_F
 ClientSampleId :
 SP-3MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.4	23.2
179	16.5	12.6	19.0

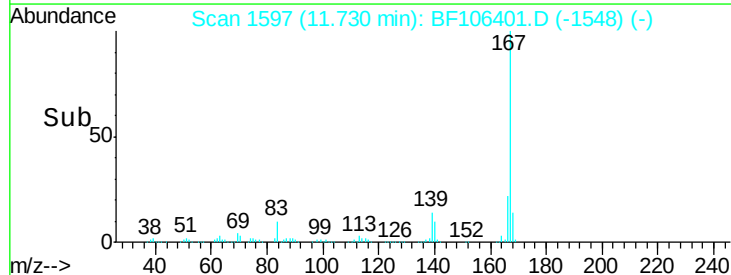
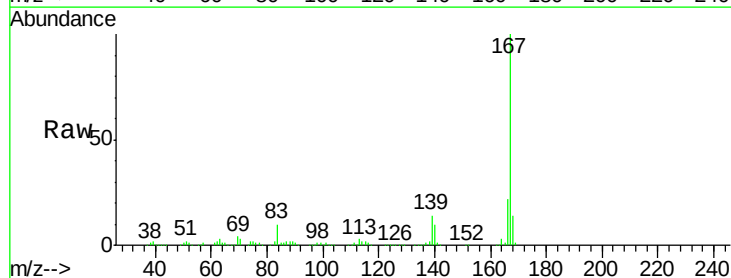
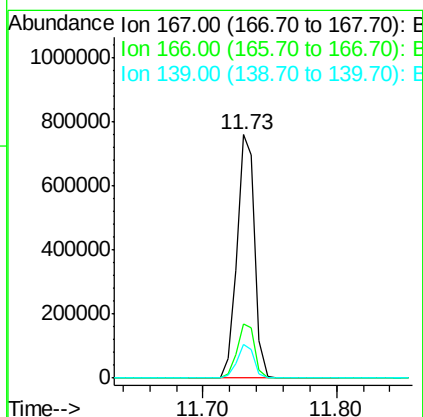
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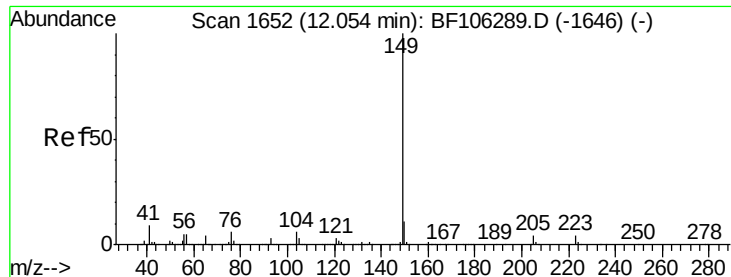
Sohil
 6/14/2018 2:47:50 PM



#72
 Carbazole
 Concen: 32.144 ng
 RT: 11.73 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF106401.D
 Acq: 13 Jun 2018 19:48

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.6	26.4
139	13.7	10.9	16.3





#73

Di-n-butylphthalate

Concen: 36.092 ng

RT: 12.05 min Scan# 1651

Delta R.T. -0.01 min

Lab File: BF106401.D

Acq: 13 Jun 2018 19:48

Instrument :

BNA_F

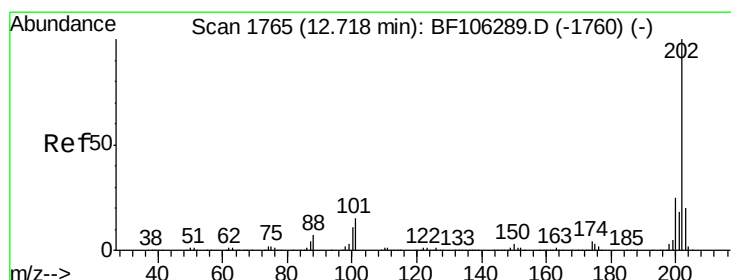
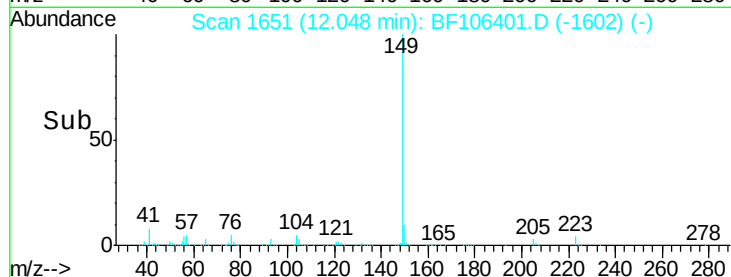
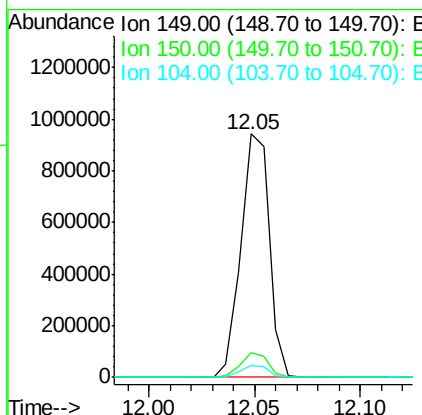
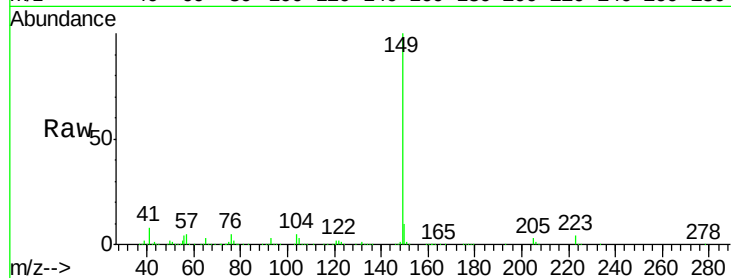
ClientSampleId :

SP-3MSD

Tot Ion:	149	Resp:	877282
Ion Ratio	Lower	Upper	
149	100		
150	10.0	7.8	11.6
104	5.0	3.8	5.8

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#74

Fluoranthene

Concen: 28.877 ng

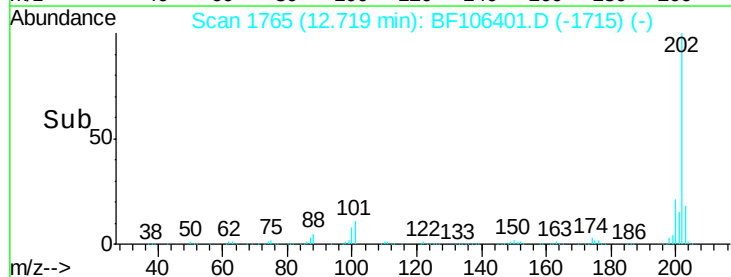
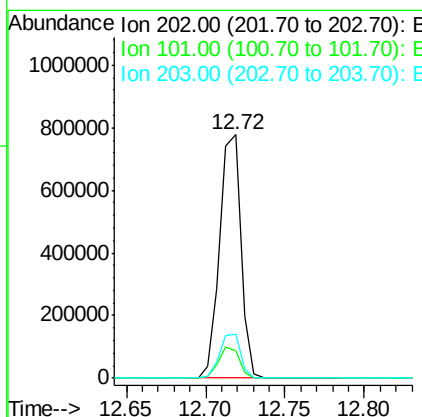
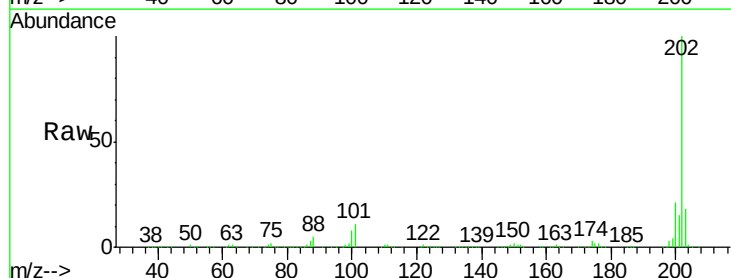
RT: 12.72 min Scan# 1765

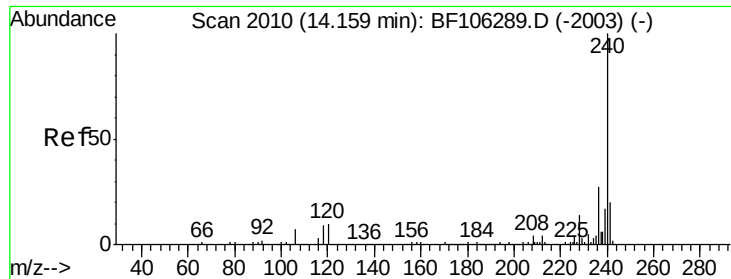
Delta R.T. -0.01 min

Lab File: BF106401.D

Acq: 13 Jun 2018 19:48

Tgt Ion:	202	Resp:	727182
Ion Ratio	Lower	Upper	
202	100		
101	11.0	0.0	34.1
203	18.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106401.D

Acq: 13 Jun 2018 19:48

Instrument :

BNA_F

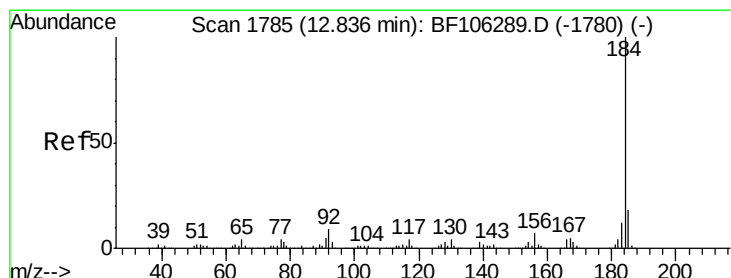
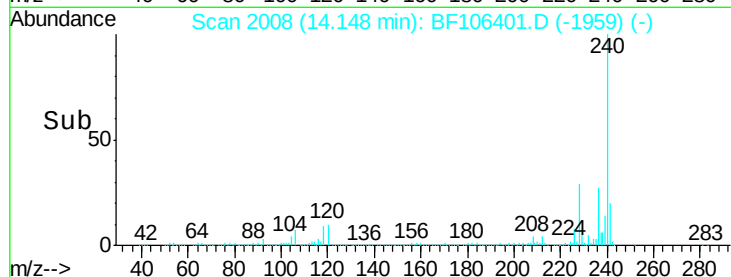
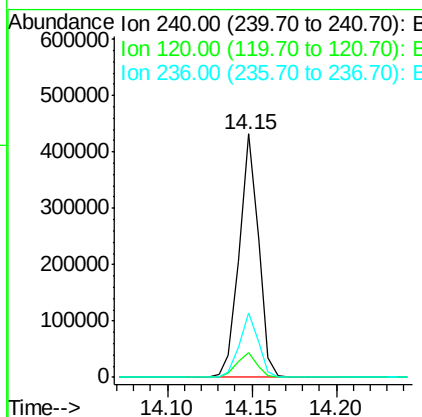
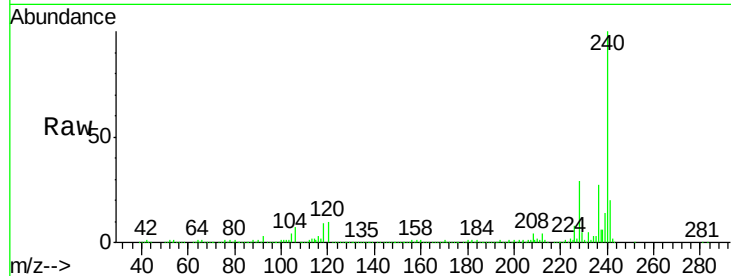
ClientSampleId :

SP-3MSD

Tot Ion:	240	Resp:	341959
Ion Ratio	Lower	Upper	
240	100		
120	10.4	9.5	14.3
236	26.6	20.7	31.1

Manual Integrations
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#76

Benzidine

Concen: 40.771 ng

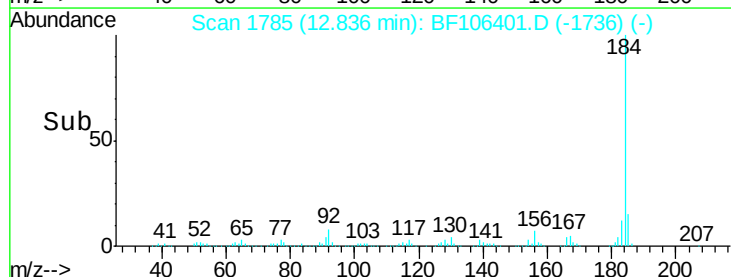
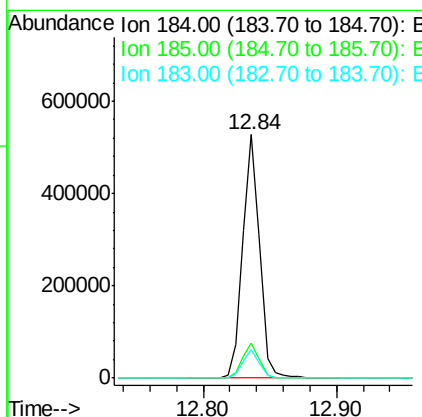
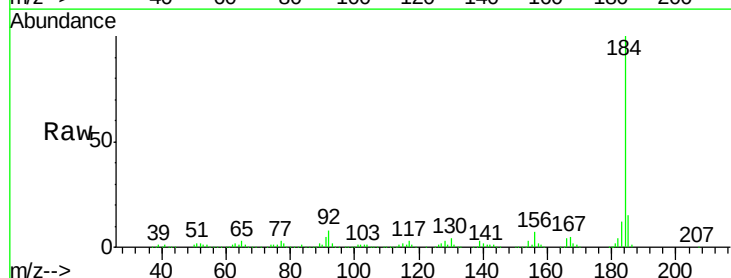
RT: 12.84 min Scan# 1785

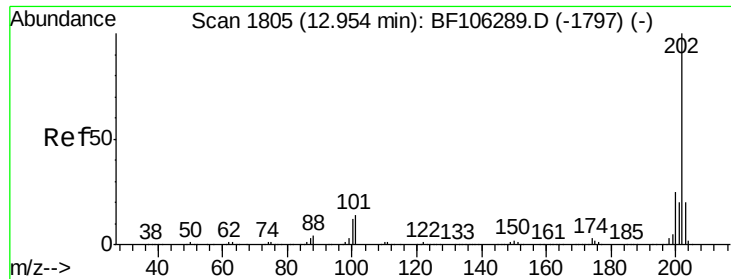
Delta R.T. -0.01 min

Lab File: BF106401.D

Acq: 13 Jun 2018 19:48

Tgt Ion:	184	Resp:	464015
Ion Ratio	Lower	Upper	
184	100		
185	14.5	12.6	18.8
183	11.7	9.3	13.9





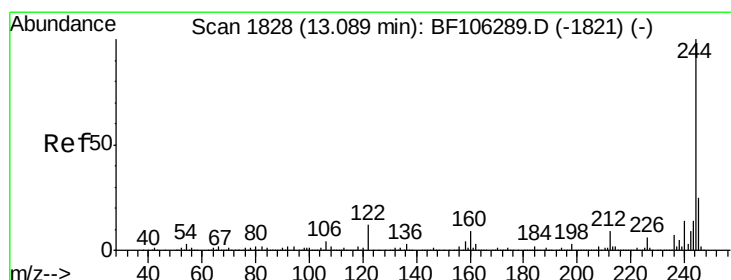
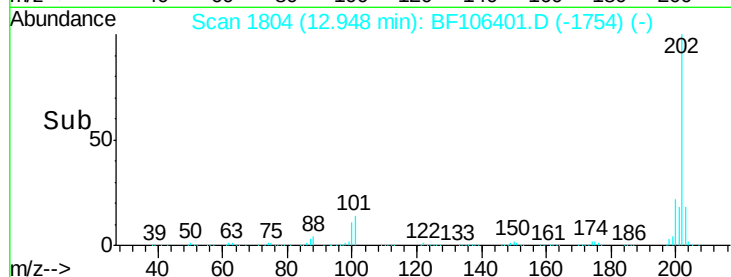
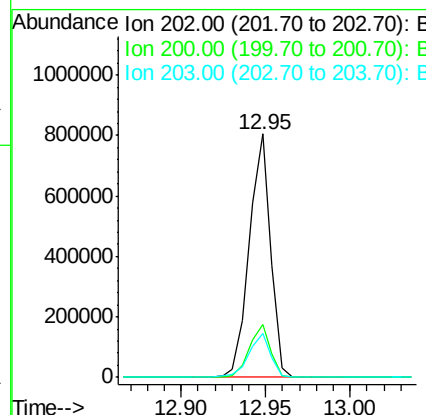
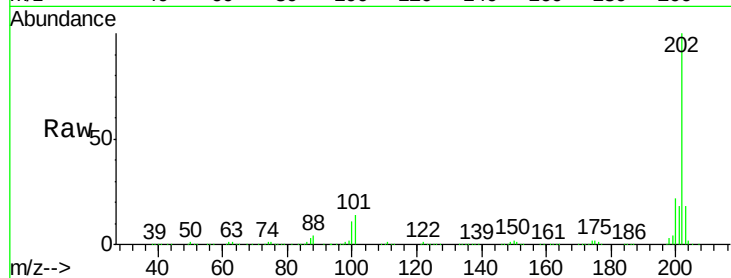
#77
Pvrene
Concen: 33.113 ng
RT: 12.95 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF106401.D
Acq: 13 Jun 2018 19:48

Instrument :
BNA_F
ClientSampled :
SP-3MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.9	14.3	21.5

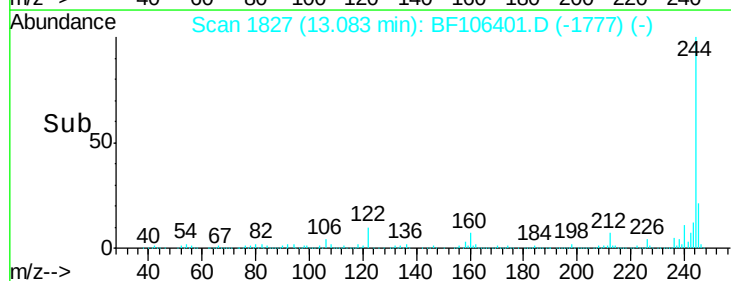
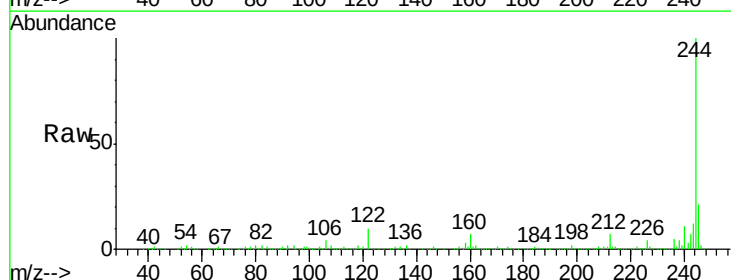
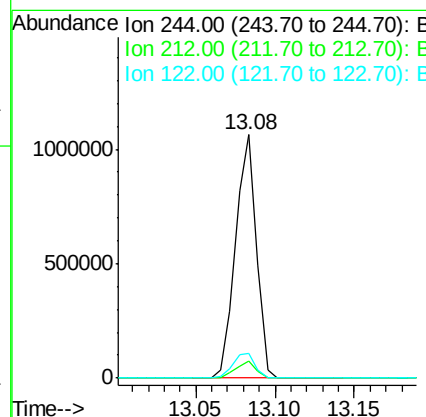
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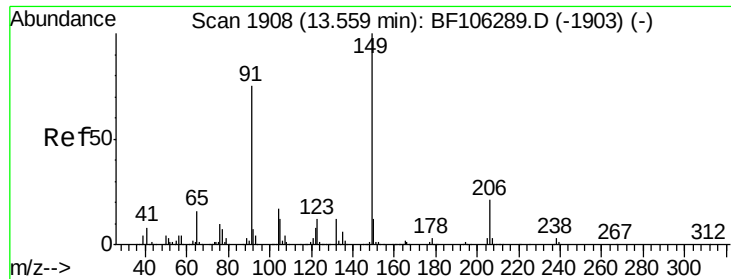
Sohil
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#78
Terphenyl-d14
Concen: 70.318 ng
RT: 13.08 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BF106401.D
Acq: 13 Jun 2018 19:48

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	10.1	11.0	16.4#





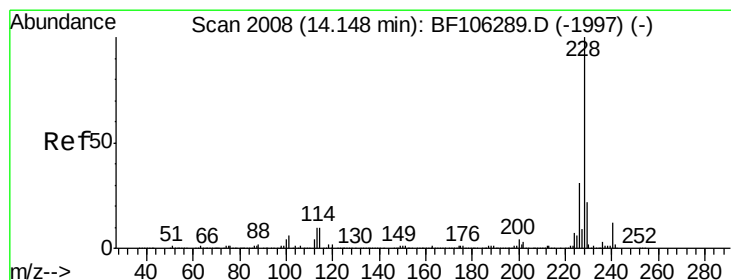
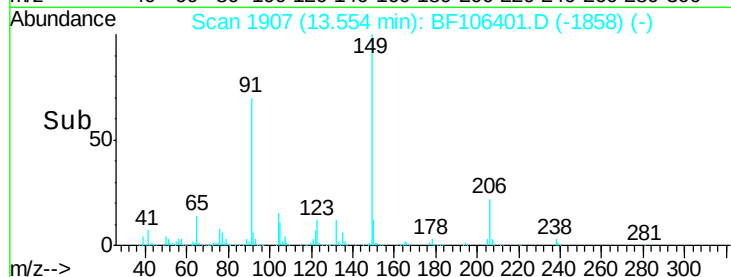
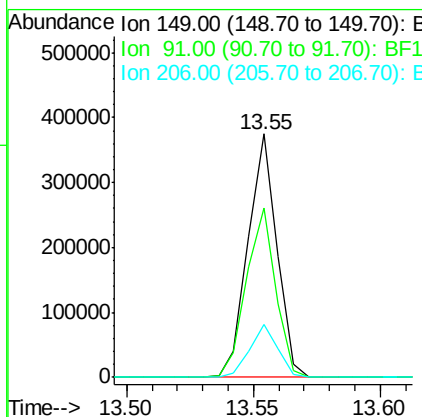
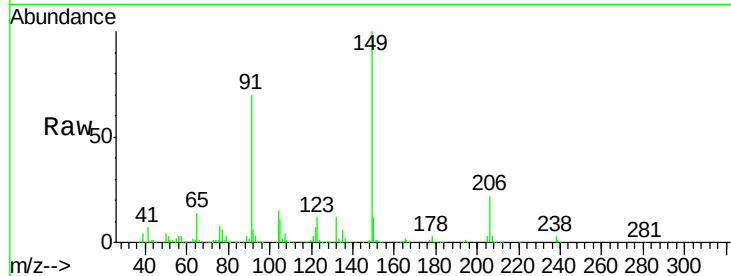
#79
Butylbenzylphthalate
Concen: 37.133 ng
RT: 13.55 min Scan# 1907
Delta R.T. -0.01 min
Lab File: BF106401.D
Acq: 13 Jun 2018 19:48

Instrument :
BNA_F
ClientSampleId :
SP-3MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	69.7	56.8	85.2
206	21.6	14.1	21.1

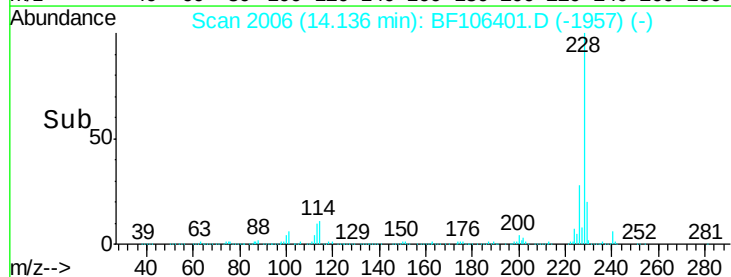
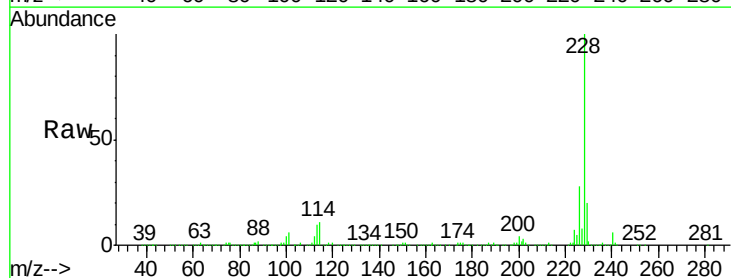
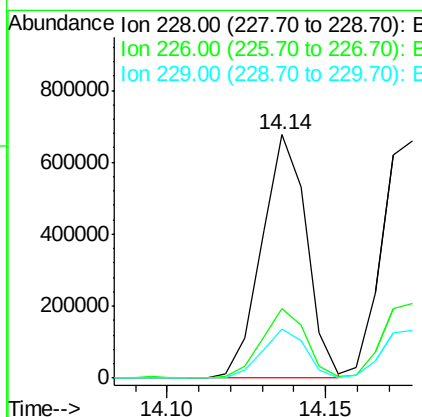
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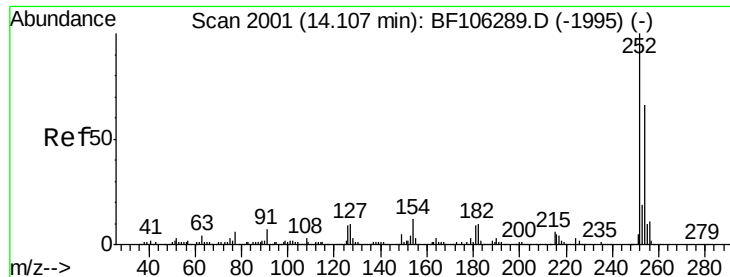
Sohil
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#80
Benzo(a)anthracene
Concen: 32.612 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF106401.D
Acq: 13 Jun 2018 19:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	20.2	15.8	23.6





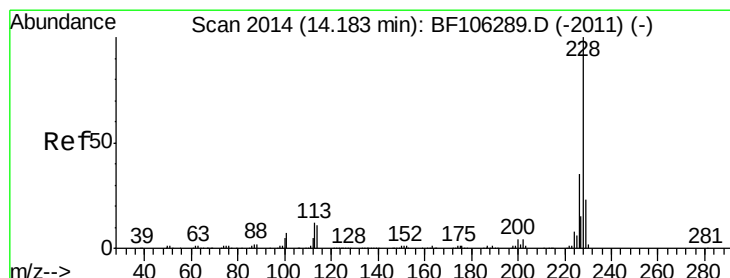
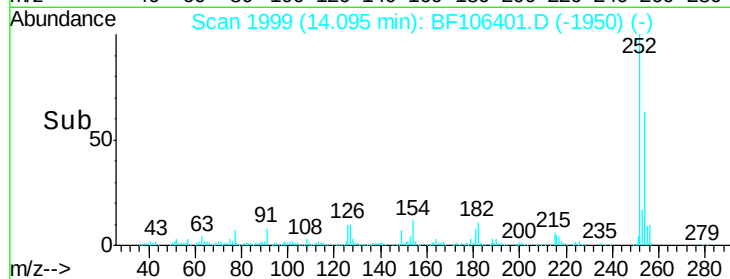
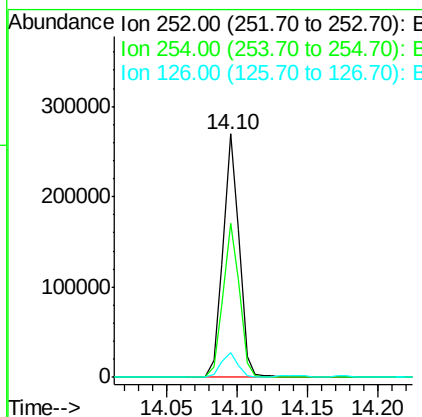
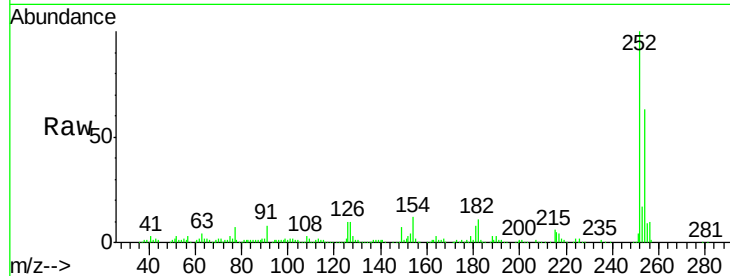
#81
 3,3'-Dichlorobenzidine
 Concen: 31.419 ng
 RT: 14.10 min Scan# 1999
 Delta R.T. -0.01 min
 Lab File: BF106401.D
 Acq: 13 Jun 2018 19:48

Instrument :
 BNA_F
 ClientSampleId :
 SP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	215724		
254	63.3	50.4	75.6	
126	10.3	11.3	16.9	

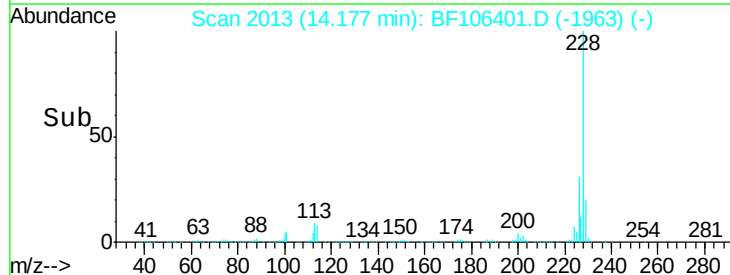
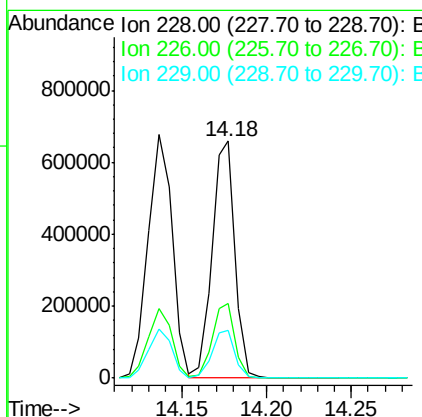
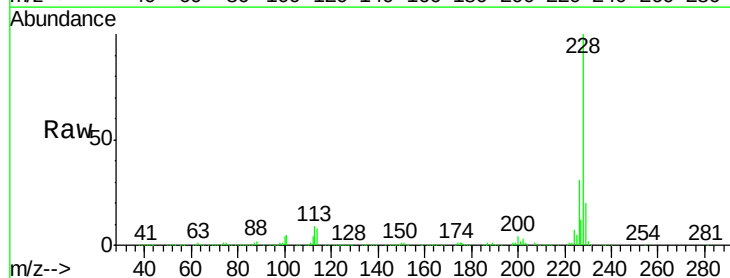
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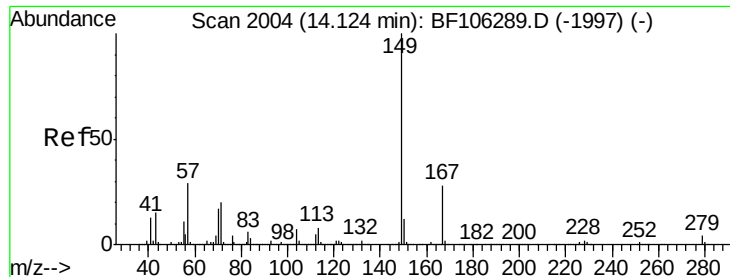
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#82
 Chrysene
 Concen: 33.548 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF106401.D
 Acq: 13 Jun 2018 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	623305		
226	31.5	25.0	37.6	
229	20.3	16.2	24.4	





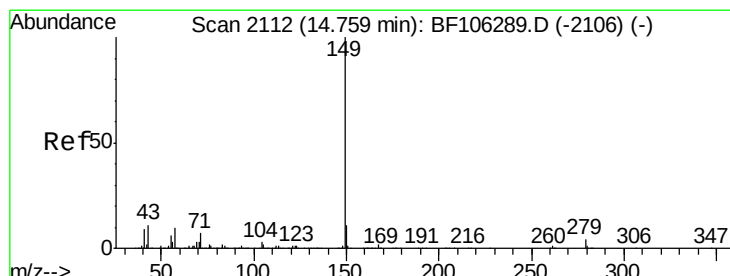
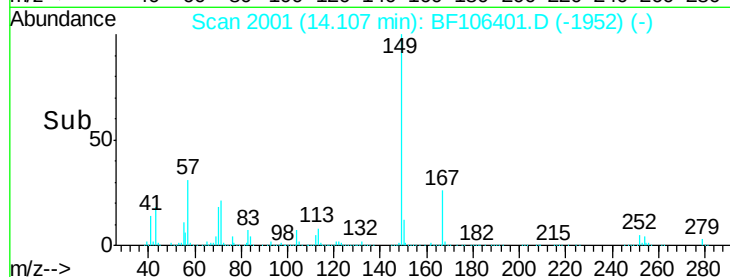
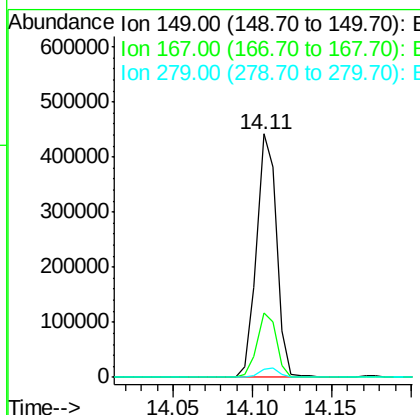
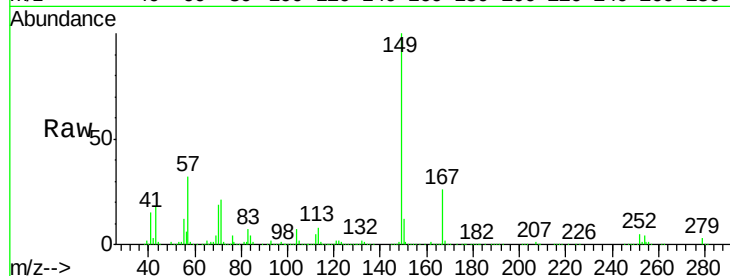
#83
Bis(2-ethylhexyl)phthalate
Concen: 33.918 ng
RT: 14.11 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF106401.D
Acq: 13 Jun 2018 19:48

Instrument :
BNA_F
ClientSampleId :
SP-3MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.3	31.9
279	3.3	3.0	4.4

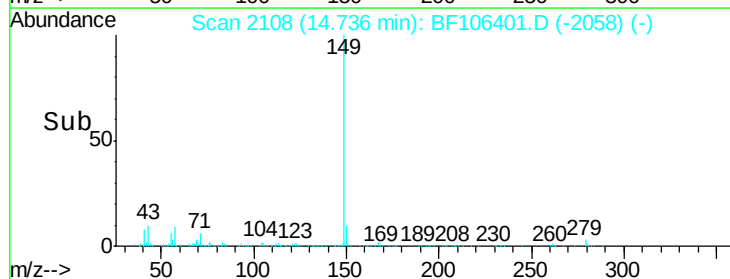
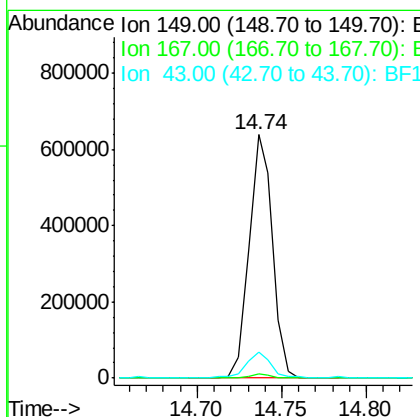
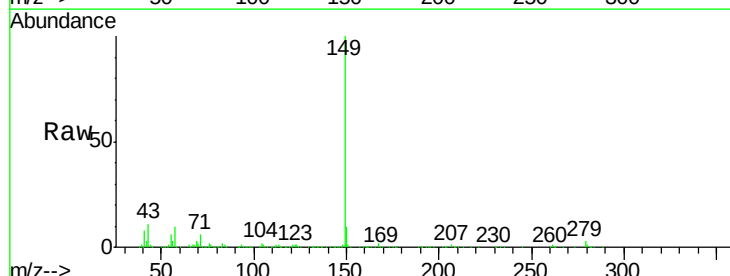
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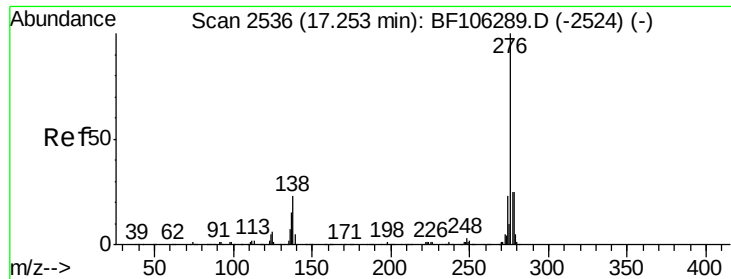
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#84
Di-n-octyl phthalate
Concen: 37.111 ng
RT: 14.74 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BF106401.D
Acq: 13 Jun 2018 19:48

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.2	1.8
43	10.2	8.4	12.6





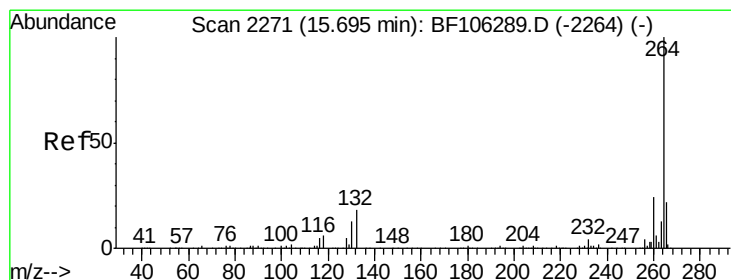
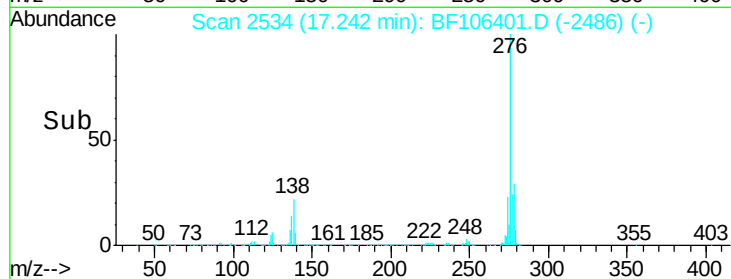
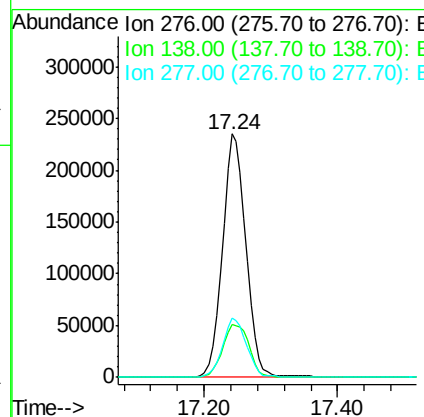
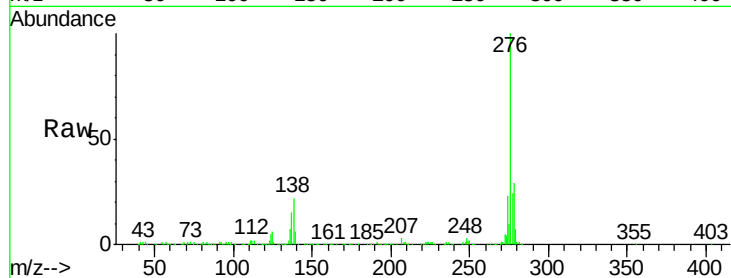
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.266 ng
 RT: 17.24 min Scan# 2534
 Delta R.T. -0.02 min
 Lab File: BF106401.D
 Acq: 13 Jun 2018 19:48

Instrument :
 BNA_F
 ClientSampleId :
 SP-3MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.9	25.0	37.6#
277	24.9	20.1	30.1

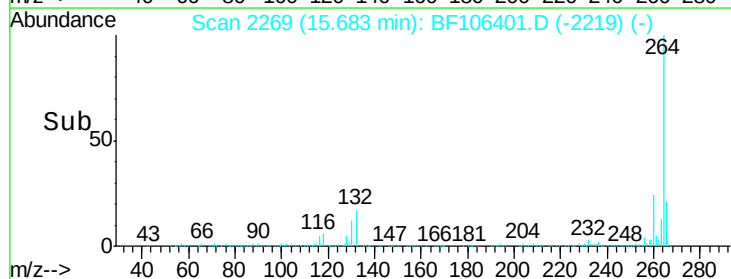
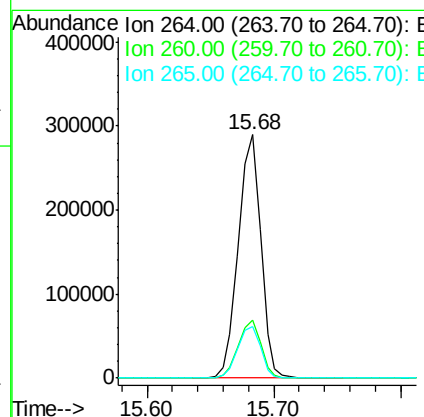
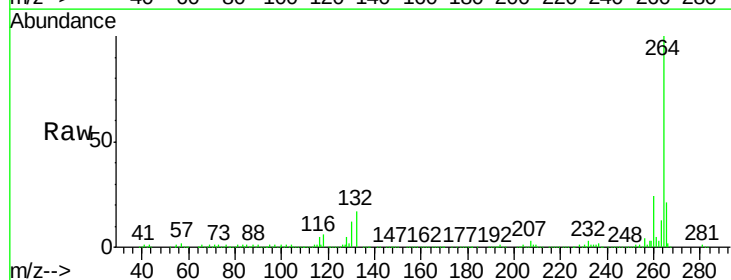
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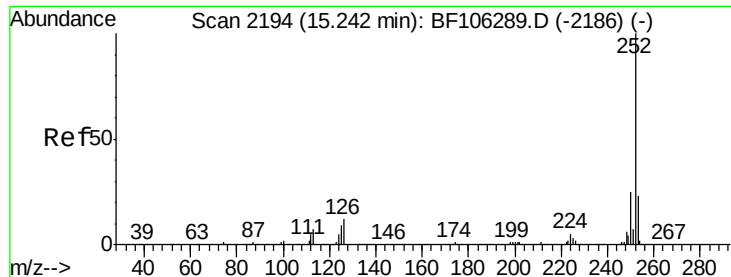
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: BF106401.D
 Acq: 13 Jun 2018 19:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.3	17.5	26.3





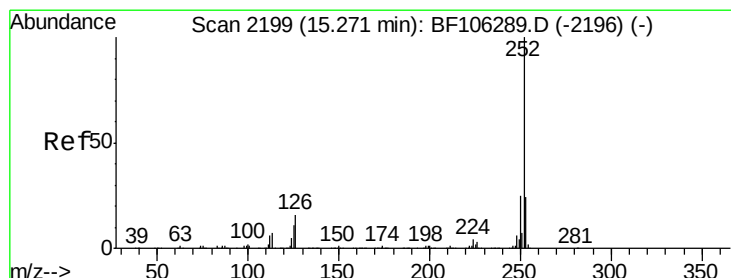
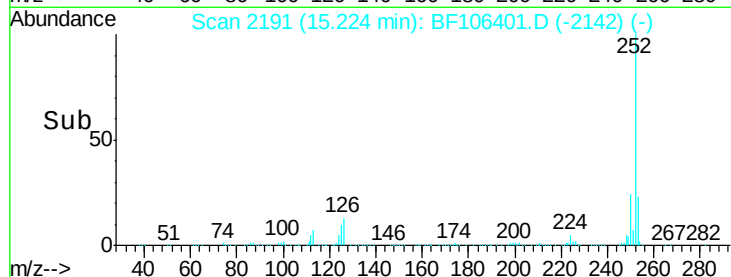
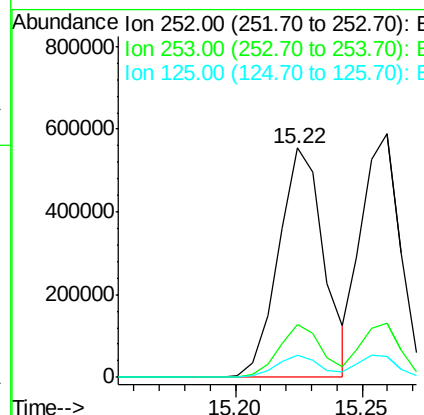
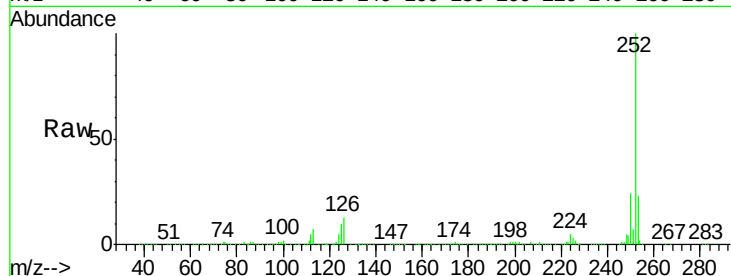
#87
Benzo(b)fluoranthene
Concen: 31.967 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BF106401.D
Acq: 13 Jun 2018 19:48

Instrument :
BNA_F
ClientSampleId :
SP-3MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.0	25.6
125	9.7	9.0	13.6

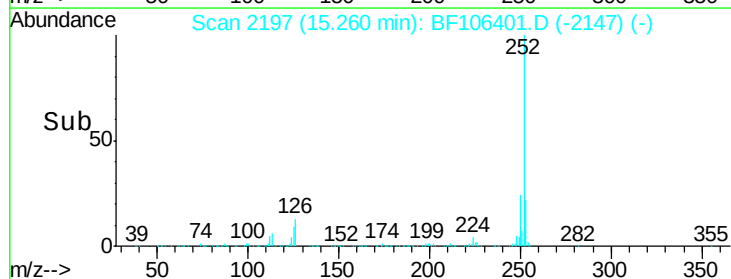
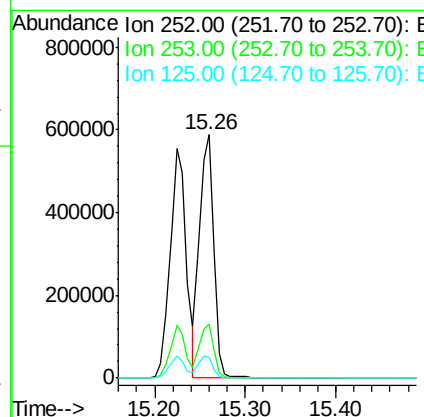
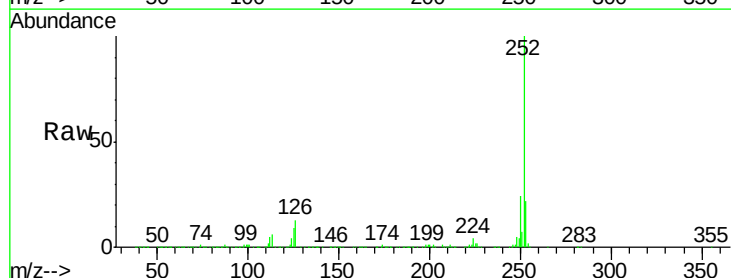
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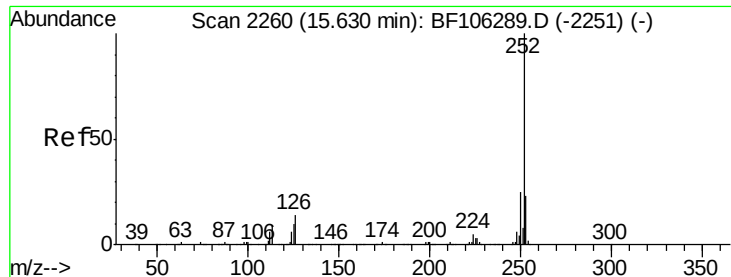
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#88
Benzo(k)fluoranthene
Concen: 29.820 ng
RT: 15.26 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BF106401.D
Acq: 13 Jun 2018 19:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	8.7	10.2	15.2#





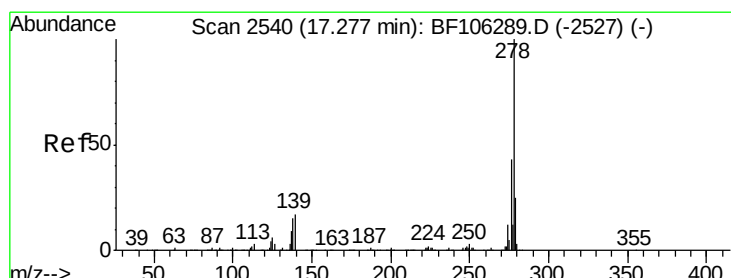
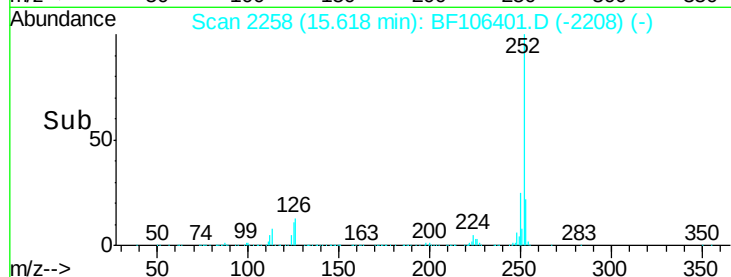
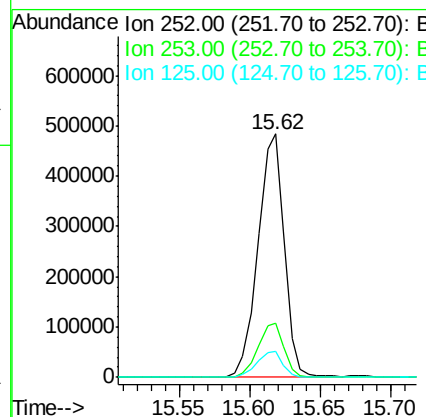
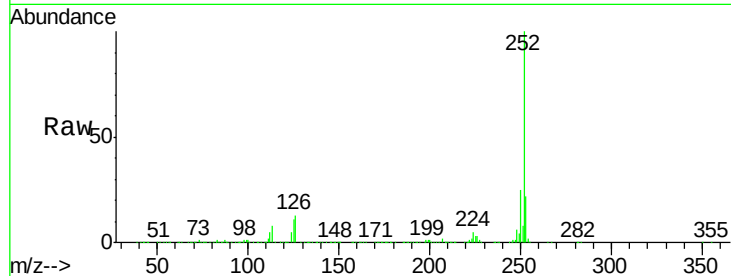
#89
Benzo(a)pyrene
Concen: 32.828 ng
RT: 15.62 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BF106401.D
Acq: 13 Jun 2018 19:48

Instrument :
BNA_F
ClientSampleId :
SP-3MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	10.7	9.8	14.6

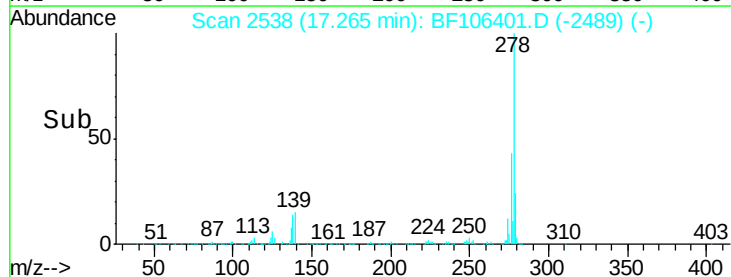
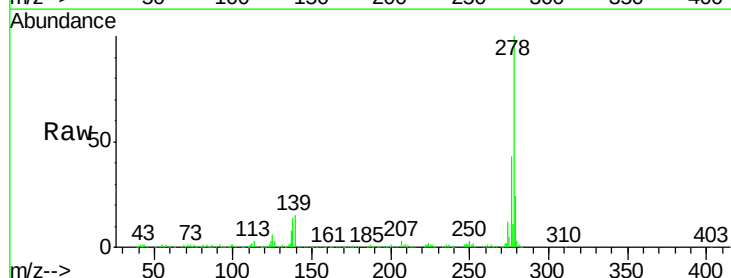
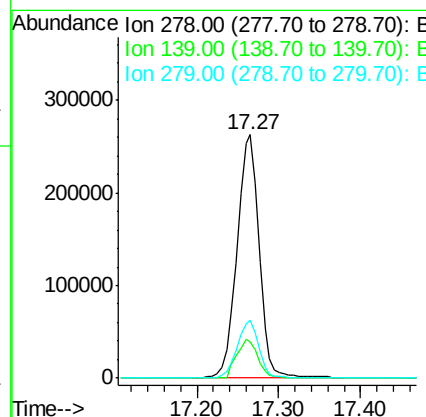
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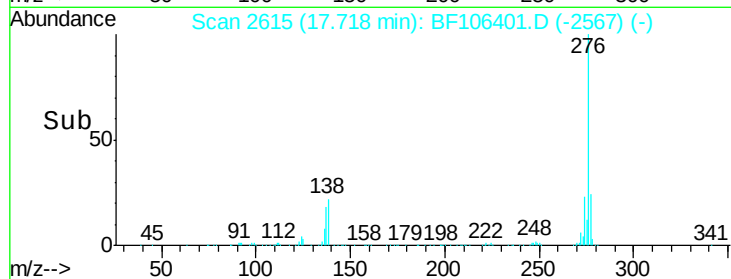
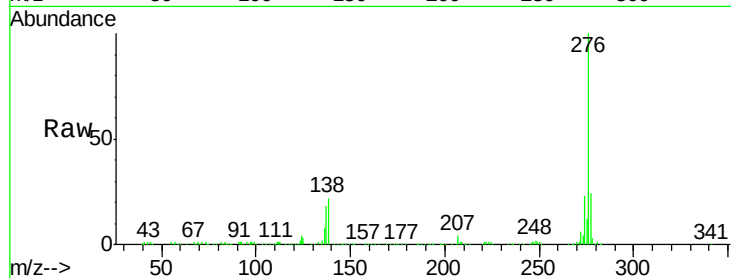
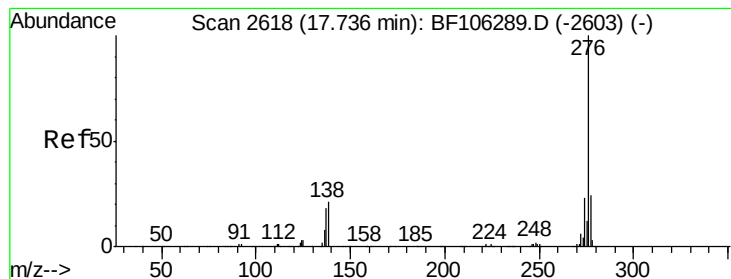
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#90
Dibenzo(a,h)anthracene
Concen: 30.770 ng
RT: 17.27 min Scan# 2538
Delta R.T. -0.01 min
Lab File: BF106401.D
Acq: 13 Jun 2018 19:48

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.0	15.9	23.9#
279	23.7	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 29.037 ng
 RT: 17.72 min Scan# 2615
 Delta R.T. -0.02 min
 Lab File: BF106401.D
 Acq: 13 Jun 2018 19:48

Instrument :
 BNA_F
 ClientSampleId :
 SP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
276	100	455611		
277	23.8		17.9	26.9
138	21.6		21.8	32.8#

Manual Integrations
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