

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
 Data File : BF106416.D
 Acq On : 14 Jun 2018 3:02
 Operator : JU/SJ
 Sample : PB110157BSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110157BSD

Manual Integrations
 APPROVED

Sohil
 6/14/2018 2:51:43 PM

Quant Time: Jun 14 04:18:33 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	142133	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	543449	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	267580	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	523976	20.00	ng	0.00
75) Chrysene-d12	14.15	240	378774	20.00	ng	-0.01
86) Perylene-d12	15.68	264	369273	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	731464	87.10	ng	-0.01
7) Phenol-d6	6.61	99	851342	80.24	ng	-0.01
23) Nitrobenzene-d5	7.54	82	842320	91.18	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	271318	105.38	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1404592	97.60	ng	0.00
78) Terphenyl-d14	13.08	244	1464503	96.03	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.86	88	144045	33.143	ng	95
3) Pyridine	3.62	79	437685	36.138	ng	98
4) n-Nitrosodimethylamine	3.60	42	203855	36.741	ng	91
6) Aniline	6.63	93	301831	19.482	ng	# 31
8) 2-Chlorophenol	6.77	128	392760	43.491	ng	99
9) Benzaldehyde	6.52	77	273571	33.994	ng	97
10) Phenol	6.62	94	510414	44.067	ng	82
11) bis(2-Chloroethyl)ether	6.70	93	403223	40.666	ng	97
12) 1,3-Dichlorobenzene	6.91	146	441779	41.564	ng	98
13) 1,4-Dichlorobenzene	6.98	146	442837	41.057	ng	100
14) 1,2-Dichlorobenzene	7.14	146	409781	40.358	ng	99
15) Benzyl Alcohol	7.11	79	363513	40.007	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	584871	41.149	ng	# 23
17) 2-Methylphenol	7.23	107	334351	41.497	ng	# 88
18) Hexachloroethane	7.48	117	158565	41.258	ng	97
19) n-Nitroso-di-n-propylamine	7.38	70	282279	35.463	ng	96
20) 3+4-Methylphenols	7.38	107	440130	42.715	ng	97
22) Acetophenone	7.37	105	548121	40.022	ng	99
24) Nitrobenzene	7.55	77	449139	44.732	ng	99
25) Isophorone	7.79	82	809824	44.881	ng	99
26) 2-Nitrophenol	7.87	139	214848	55.128	ng	96
27) 2,4-Dimethylphenol	7.91	122	363722	47.616	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	511203	43.693	ng	99
29) 2,4-Dichlorophenol	8.12	162	356785	48.415	ng	97
30) 1,2,4-Trichlorobenzene	8.19	180	359036	43.452	ng	94
31) Naphthalene	8.27	128	1081502	44.023	ng	98
32) Benzoic acid	8.04	122	237971	43.113	ng	94
33) 4-Chloroaniline	8.32	127	112533	10.336	ng	98
34) Hexachlorobutadiene	8.38	225	229487	43.230	ng	99
35) Caprolactam	8.69	113	124354m	49.888	ng	
36) 4-Chloro-3-methylphenol	8.82	107	375865	46.109	ng	96
37) 2-Methylnaphthalene	8.97	142	757103	45.248	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	389807	44.876	ng	97
40) Hexachlorocyclopentadiene	9.11	237	247561	51.655	ng	99

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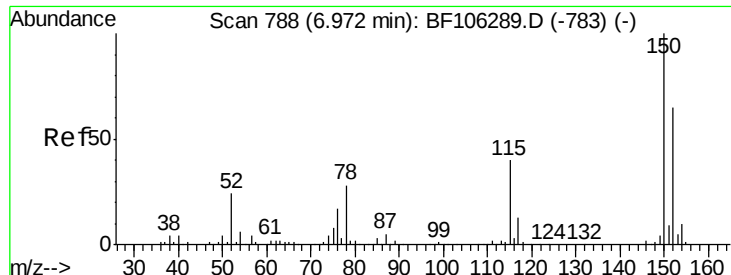
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	272326	49.195	ng	98
43) 2,4,5-Trichlorophenol	9.30	196	287103	48.110	ng	94
45) 1,1'-Biphenyl	9.43	154	890515	42.967	ng	98
46) 2-Chloronaphthalene	9.45	162	725454	43.740	ng	99
47) 2-Nitroaniline	9.55	65	261613	50.141	ng	92
48) Acenaphthylene	9.88	152	1151663	45.365	ng	98
49) Dimethylphthalate	9.73	163	887584	46.429	ng	# 99
50) 2,6-Dinitrotoluene	9.80	165	198770	50.902	ng	93
51) Acenaphthene	10.05	154	659775	40.243	ng	99
52) 3-Nitroaniline	9.96	138	111994	24.164	ng	96
53) 2,4-Dinitrophenol	10.07	184	159086	87.792	ng	# 16
54) Dibenzofuran	10.22	168	991860	44.927	ng	96
55) 4-Nitrophenol	10.15	139	297743	83.812	ng	94
56) 2,4-Dinitrotoluene	10.20	165	275660	56.214	ng	# 99
57) Fluorene	10.56	166	777225	44.434	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	245749	51.957	ng	# 84
59) Diethylphthalate	10.42	149	857791	45.207	ng	95
60) 4-Chlorophenyl-phenylether	10.55	204	401507	43.642	ng	92
61) 4-Nitroaniline	10.58	138	195991	43.463	ng	98
62) Azobenzene	10.71	77	868169	43.879	ng	93
64) 4,6-Dinitro-2-methylphenol	10.61	198	123385	44.222	ng	78
65) n-Nitrosodiphenylamine	10.67	169	754273	42.832	ng	96
66) 4-Bromophenyl-phenylether	11.04	248	283327	47.541	ng	# 83
67) Hexachlorobenzene	11.11	284	288740	46.995	ng	# 87
68) Atrazine	11.20	200	267603	49.310	ng	97
69) Pentachlorophenol	11.31	266	262138	69.299	ng	99
70) Phenanthrene	11.52	178	1126090	43.883	ng	98
71) Anthracene	11.58	178	1159318	45.096	ng	97
72) Carbazole	11.74	167	1026890	43.267	ng	97
73) Di-n-butylphthalate	12.05	149	1276943	48.342	ng	99
74) Fluoranthene	12.72	202	1110970	40.596	ng	97
76) Benzidine	12.84	184	571125	45.305	ng	99
77) Pyrene	12.95	202	1091878	46.044	ng	97
79) Butylbenzylphthalate	13.55	149	519536	58.529	ng	96
80) Benzo(a)anthracene	14.14	228	1008959	44.762	ng	97
81) 3,3'-Dichlorobenzidine	14.09	252	258878	34.040	ng	# 97
82) Chrysene	14.18	228	950452	46.184	ng	98
83) Bis(2-ethylhexyl)phthalate	14.11	149	694979	54.605	ng	99
84) Di-n-octyl phthalate	14.74	149	1065995	58.097	ng	99
85) Indeno(1,2,3-cd)pyrene	17.24	276	838495	51.052	ng	# 93
87) Benzo(b)fluoranthene	15.22	252	1003549	44.958	ng	96
88) Benzo(k)fluoranthene	15.25	252	994312	44.977	ng	# 97
89) Benzo(a)pyrene	15.61	252	970700	48.347	ng	97
90) Dibenzo(a,h)anthracene	17.26	278	715900	42.769	ng	96
91) Benzo(g,h,i)perylene	17.72	276	649347	39.917	ng	# 93

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



#1

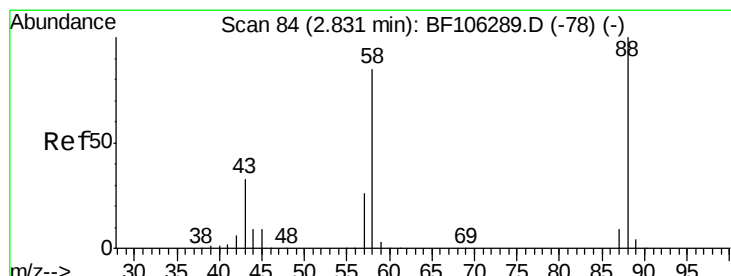
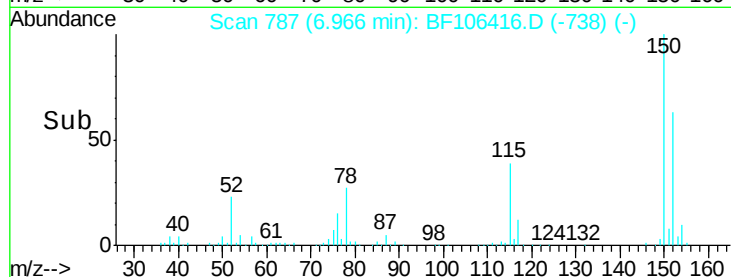
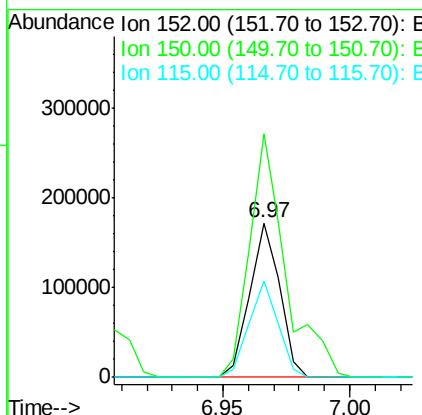
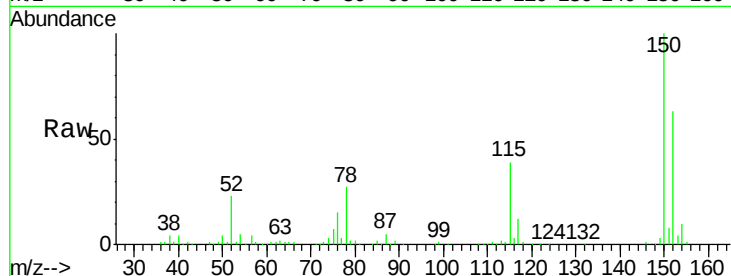
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Instrument :
BNA_F
ClientSampleId :
PB110157BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.6	186.8
115	62.4	50.1	75.1

Manual Integrations
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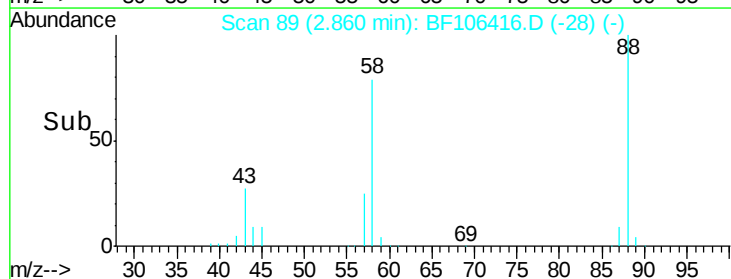
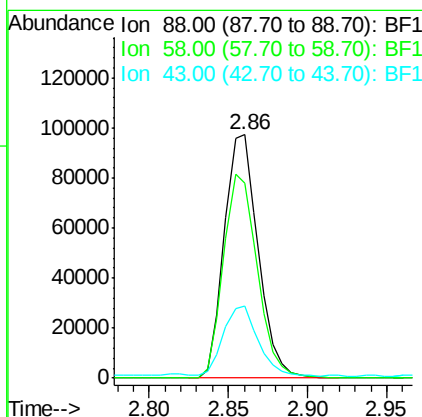
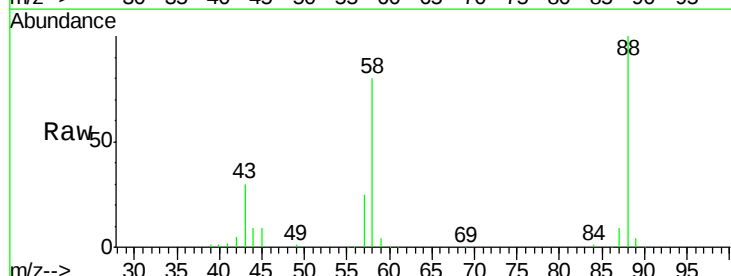
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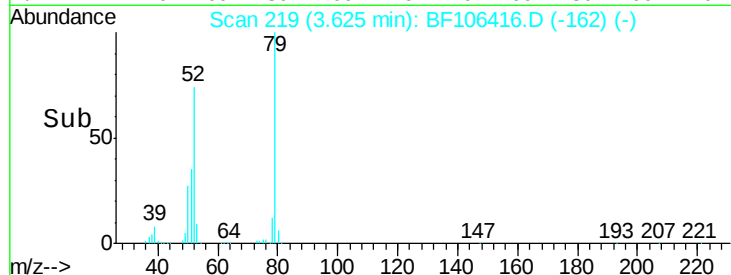
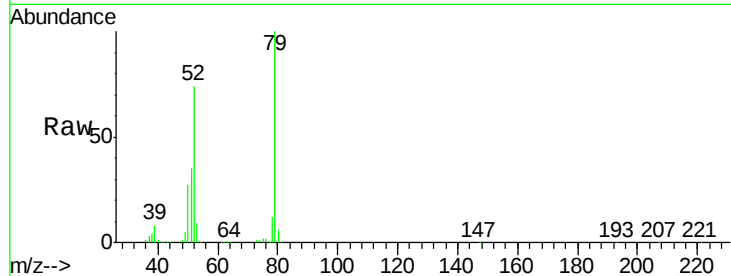
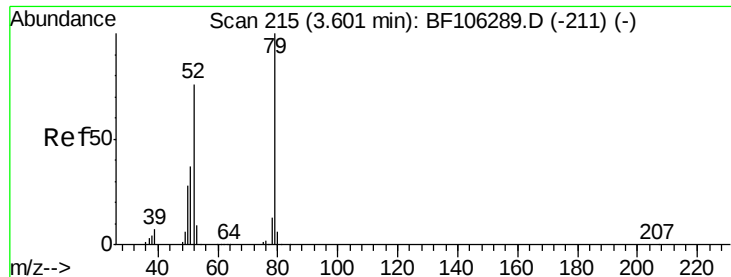


#2

1,4-Dioxane
Concen: 33.143 ng
RT: 2.86 min Scan# 89
Delta R.T. 0.06 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.8	62.6	93.8
43	29.2	24.6	37.0





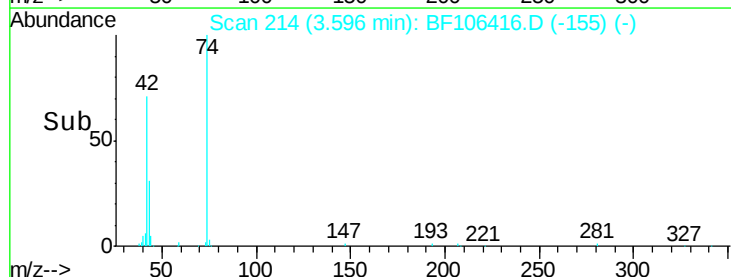
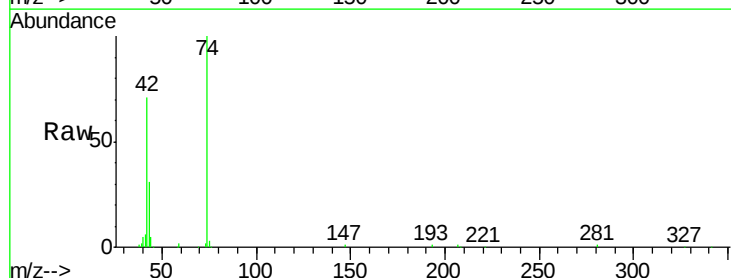
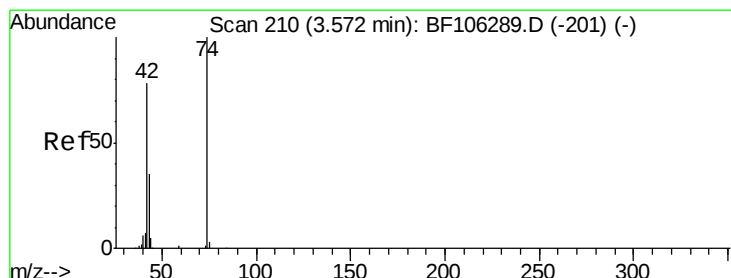
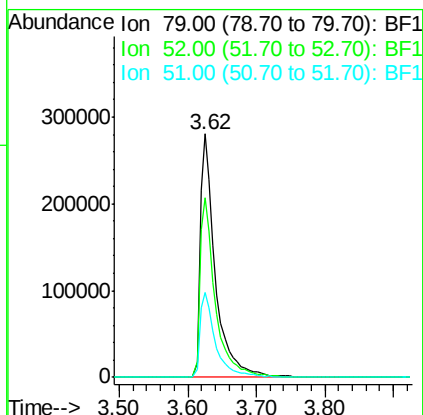
#3
 Pvridine
 Concen: 36.138 ng
 RT: 3.62 min Scan# 219
 Delta R.T. 0.04 min
 Lab File: BF106416.D
 Acq: 14 Jun 2018 3:02

Tot Ion	Ratio	Lower	Upper
79	100		
52	73.8	59.8	89.6
51	35.1	29.8	44.8

Instrument :
 BNA_F
 ClientSampleId :
 PB110157BSD

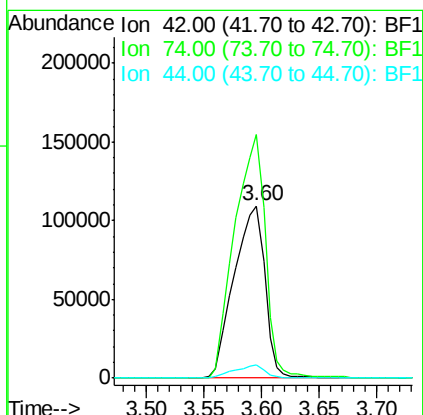
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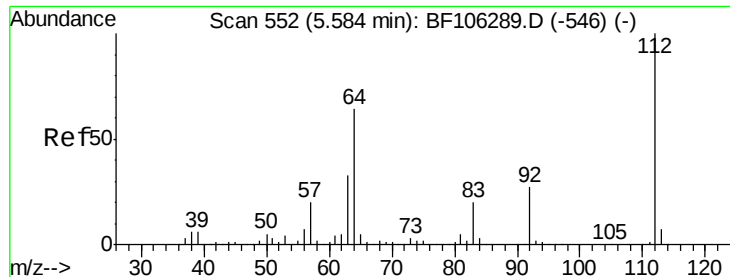
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#4
 n-Nitrosodimethylamine
 Concen: 36.741 ng
 RT: 3.60 min Scan# 214
 Delta R.T. 0.05 min
 Lab File: BF106416.D
 Acq: 14 Jun 2018 3:02

Tgt Ion	Ratio	Lower	Upper
42	100		
74	141.5	104.9	157.3
44	7.5	6.9	10.3





#5

2-Fluorophenol

Concen: 87.102 ng

RT: 5.61 min Scan# 557

Delta R.T. -0.01 min

Lab File: BF106416.D

Acq: 14 Jun 2018 3:02

Instrument :

BNA_F

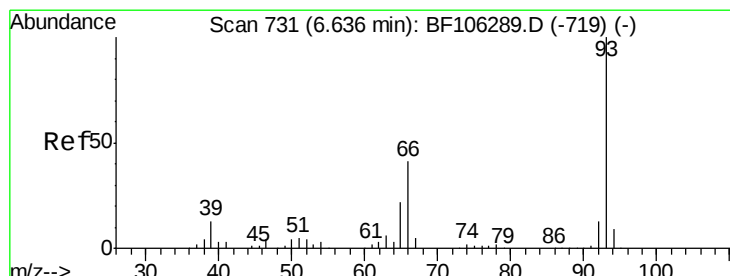
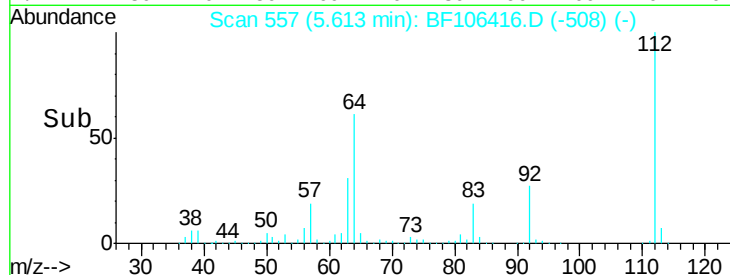
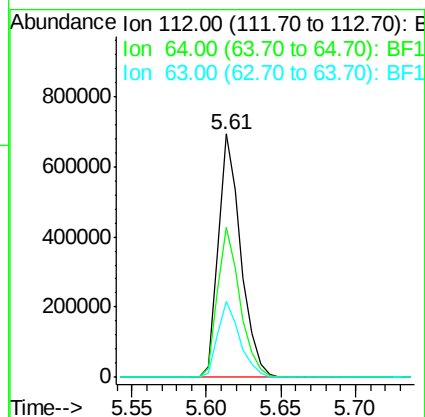
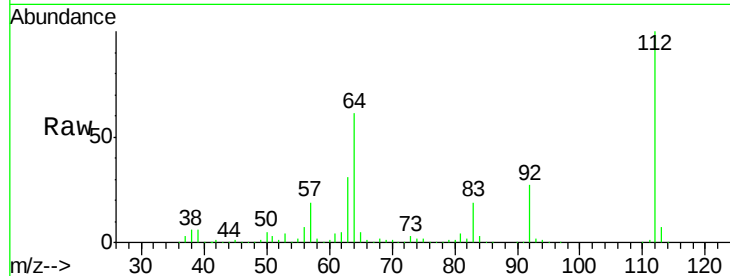
ClientSampleId :

PB110157BSD

Tot Ion:	112	Resp:	731464
Ion Ratio	Lower	Upper	
112	100		
64	61.5	47.9	71.9
63	31.3	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 19.482 ng

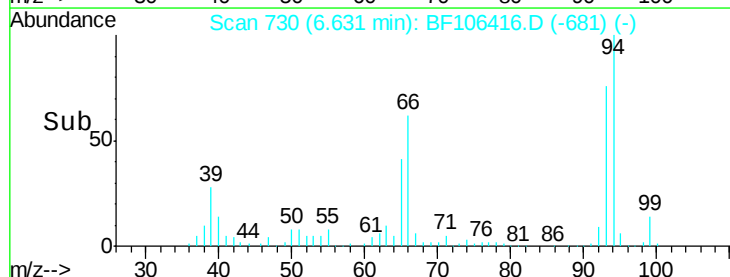
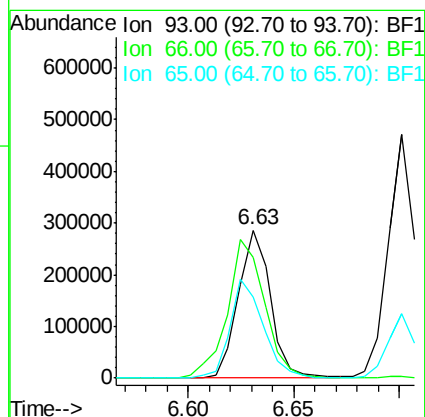
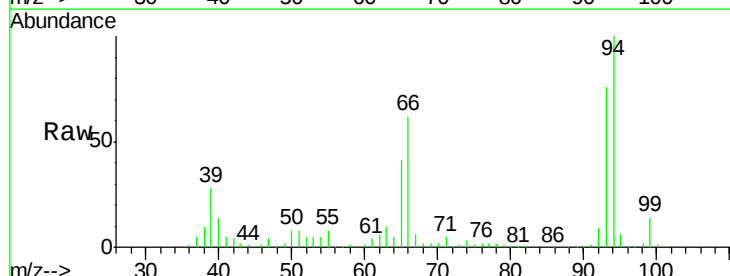
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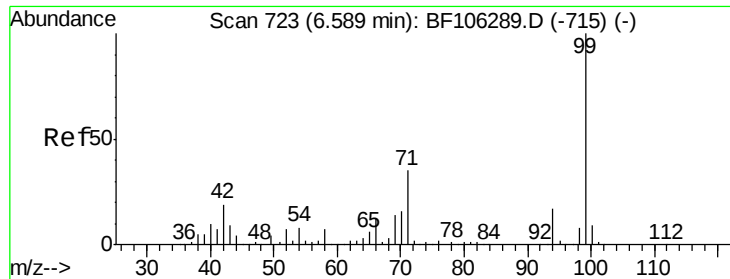
Delta R.T. -0.01 min

Lab File: BF106416.D

Acq: 14 Jun 2018 3:02

Tgt Ion:	93	Resp:	301831
Ion Ratio	Lower	Upper	
93	100		
66	81.9	32.2	48.2#
65	54.5	16.4	24.6#





#7

Phenol-d6

Concen: 80.241 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF106416.D

Acq: 14 Jun 2018 3:02

Instrument :

BNA_F

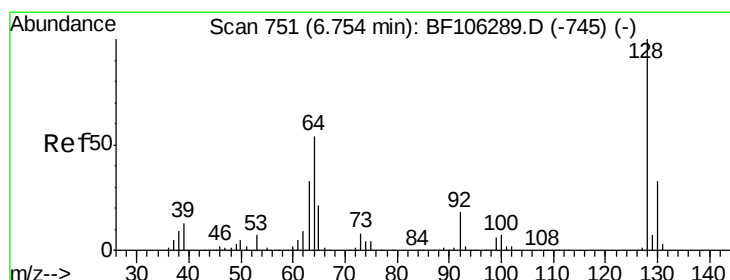
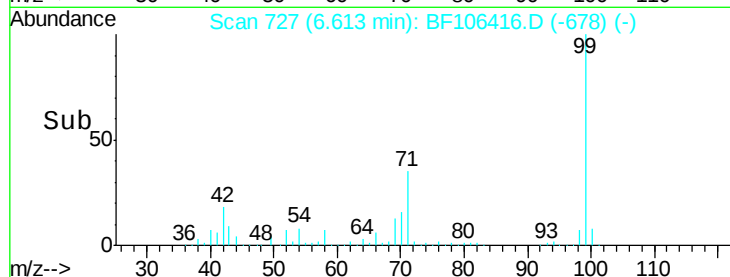
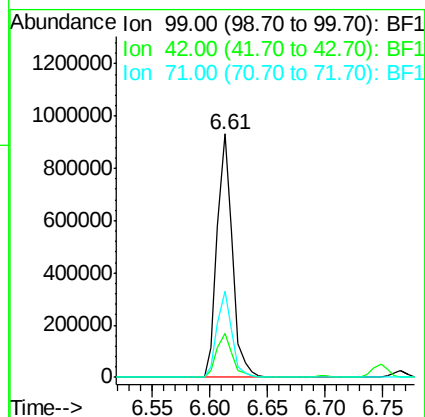
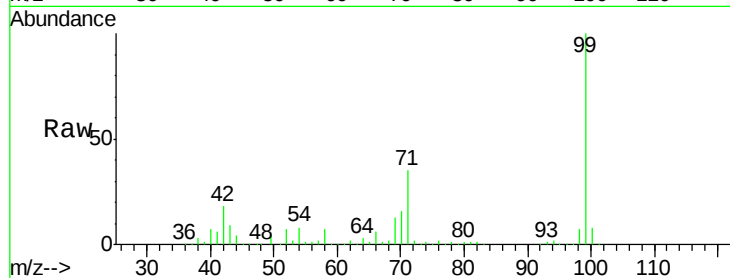
ClientSampleId :

PB110157BSD

Tot Ion:	99	Resp:	851342
Ion Ratio	Lower	Upper	
99	100		
42	18.3	14.5	21.7
71	35.4	25.4	38.0

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#8

2-Chlorophenol

Concen: 43.491 ng

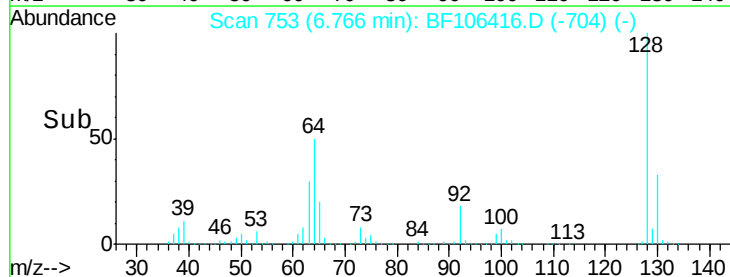
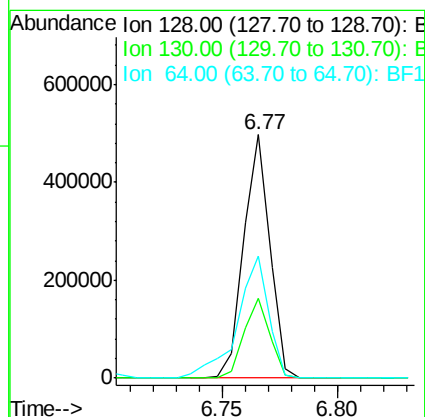
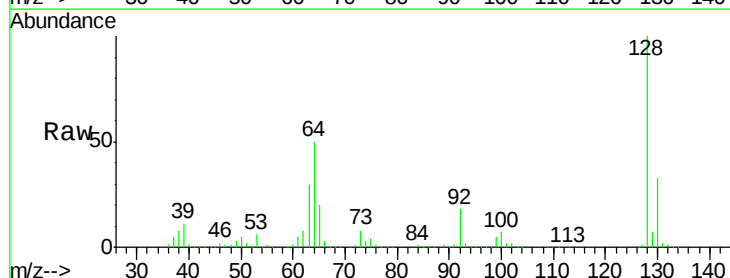
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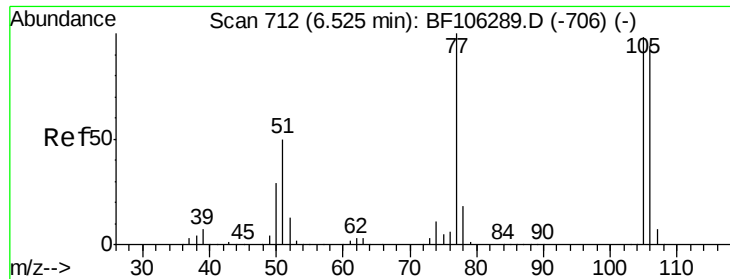
Delta R.T. -0.01 min

Lab File: BF106416.D

Acq: 14 Jun 2018 3:02

Tgt Ion:	128	Resp:	392760
Ion Ratio	Lower	Upper	
128	100		
130	32.6	13.0	53.0
64	50.1	29.4	69.4





#9

Benzaldehyde

Concen: 33.994 ng

RT: 6.52 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF106416.D

Acq: 14 Jun 2018 3:02

Instrument :

BNA_F

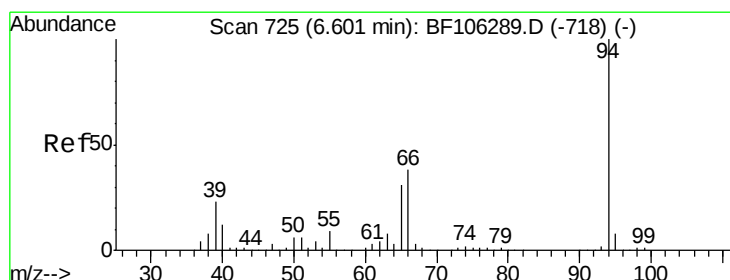
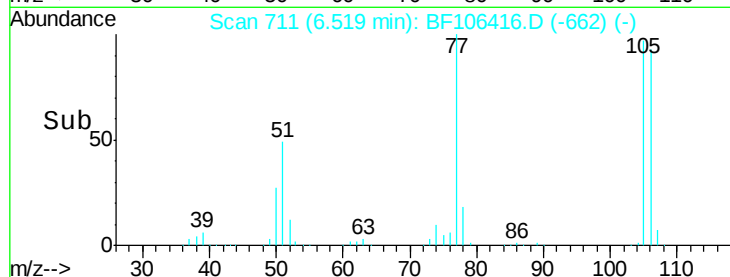
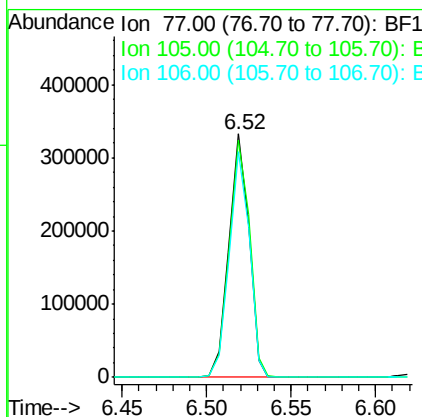
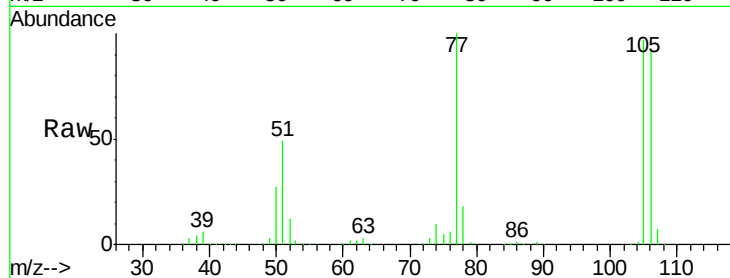
ClientSampleId :

PB110157BSD

Tot Ion:	77	Resp:	273571
Ion	Ratio	Lower	Upper
77	100		
105	97.2	81.1	121.1
106	92.6	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 44.067 ng

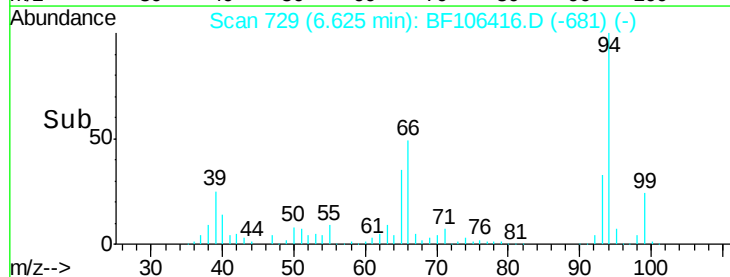
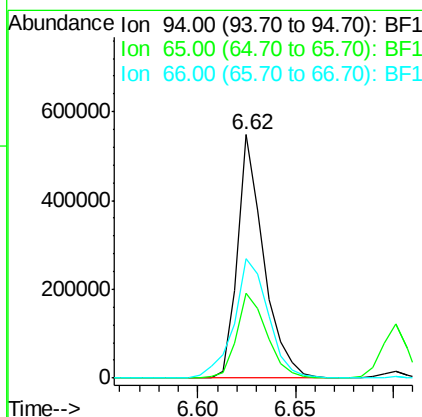
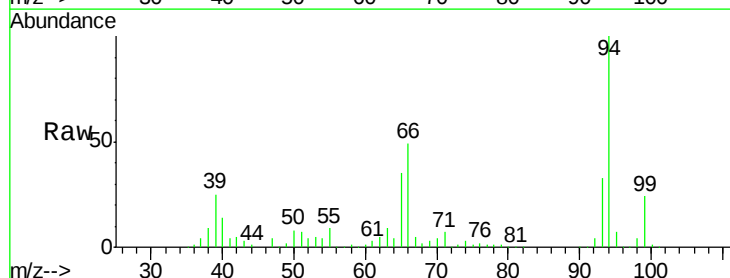
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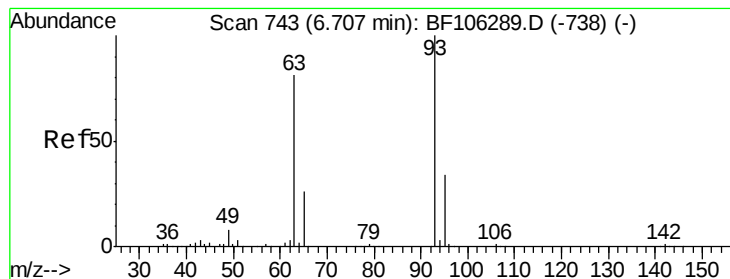
Delta R.T. -0.02 min

Lab File: BF106416.D

Acq: 14 Jun 2018 3:02

Tgt Ion:	94	Resp:	510414
Ion	Ratio	Lower	Upper
94	100		
65	35.0	7.9	47.9
66	48.9	16.2	56.2





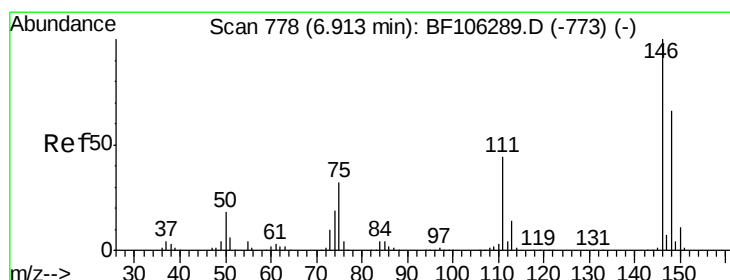
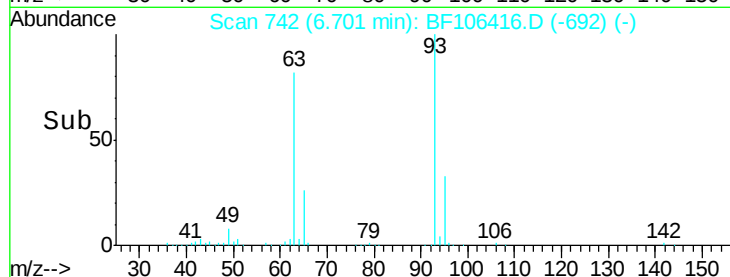
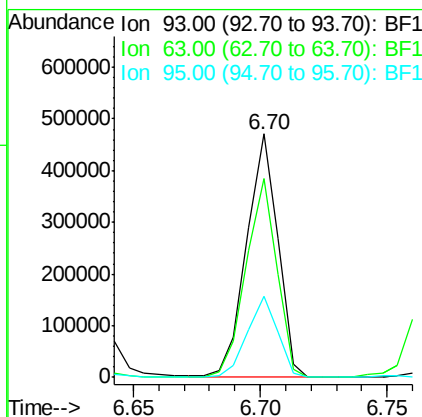
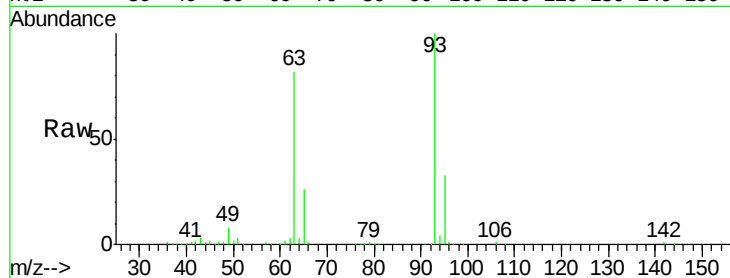
#11
bis(2-Chloroethyl)ether
Concen: 40.666 ng
RT: 6.70 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Instrument :
BNA_F
ClientSampleId :
PB110157BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	403223		
63	81.5	58.6	98.6	
95	33.1	11.8	51.8	

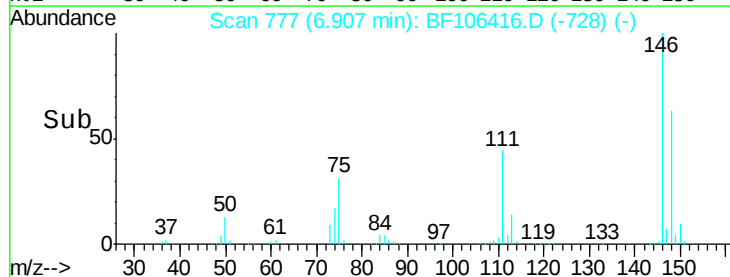
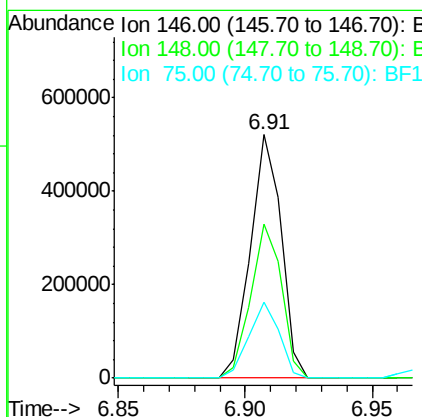
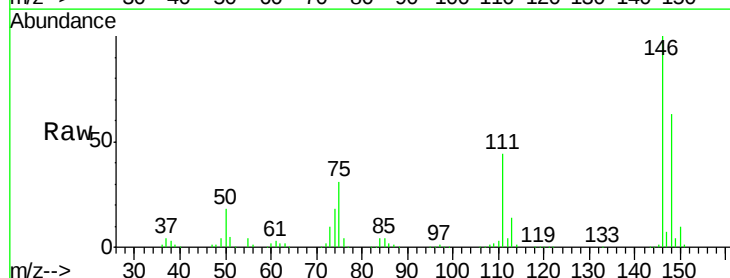
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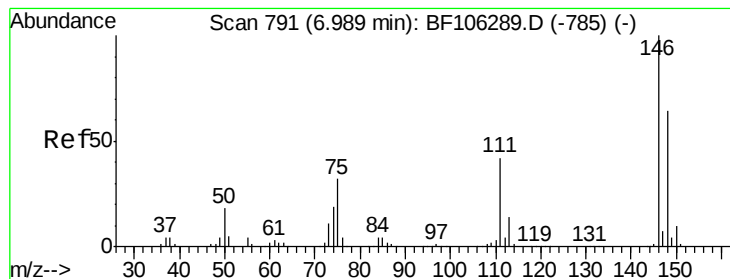
Sohil
6/14/2018 2:51:43 PM



#12
1,3-Dichlorobenzene
Concen: 41.564 ng
RT: 6.91 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	441779		
148	63.4	51.8	77.8	
75	31.2	24.2	36.4	





#13

1,4-Dichlorobenzene

Concen: 41.057 ng

RT: 6.98 min Scan# 790

Delta R.T. -0.01 min

Lab File: BF106416.D

Acq: 14 Jun 2018 3:02

Instrument :

BNA_F

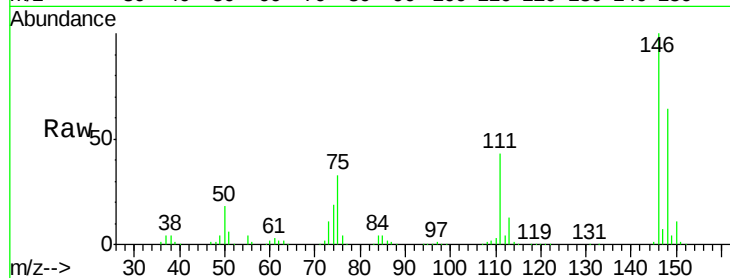
ClientSampleId :

PB110157BSD

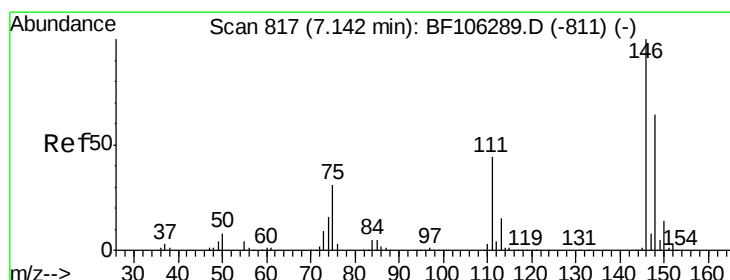
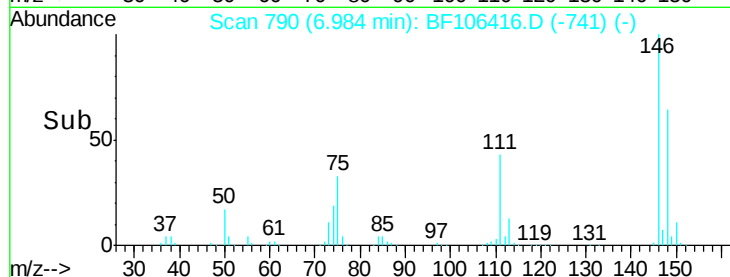
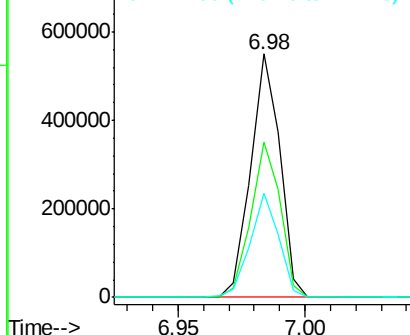
Tot Ion:	146	Resp:	442837
Ion Ratio	Lower	Upper	
146	100		
148	63.7	50.8	76.2
111	42.9	34.2	51.2

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.358 ng

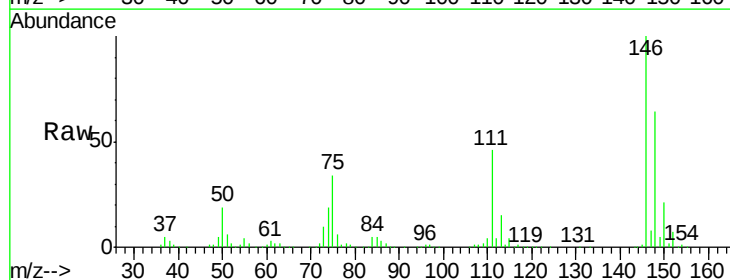
RT: 7.14 min Scan# 816

Delta R.T. -0.01 min

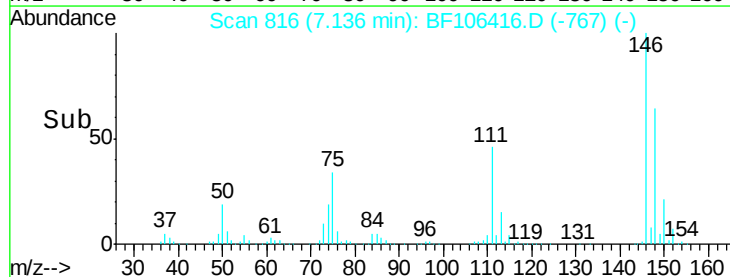
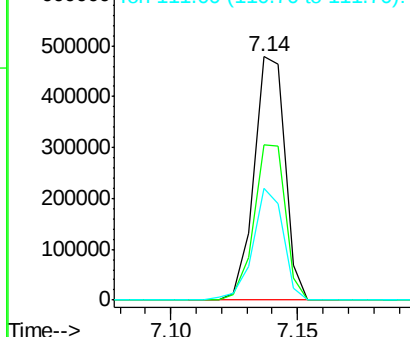
Lab File: BF106416.D

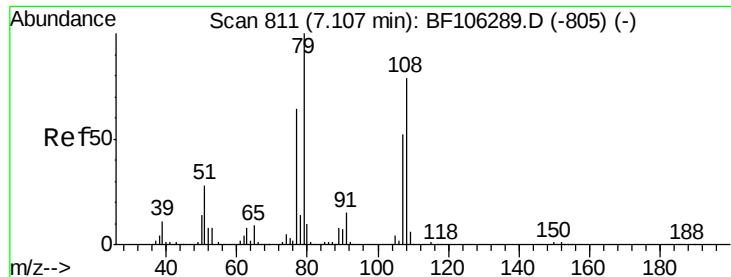
Acq: 14 Jun 2018 3:02

Tgt Ion:	146	Resp:	409781
Ion Ratio	Lower	Upper	
146	100		
148	63.9	50.6	75.8
111	45.9	36.0	54.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.007 ng

RT: 7.11 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF106416.D

Acq: 14 Jun 2018 3:02

Instrument :

BNA_F

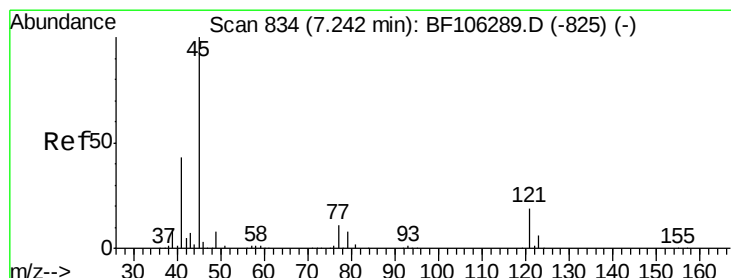
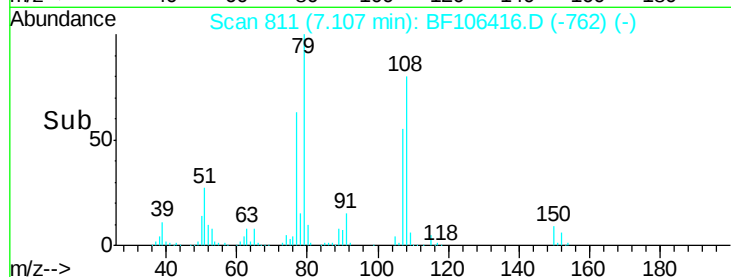
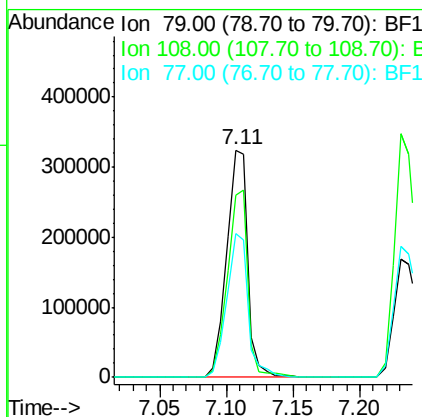
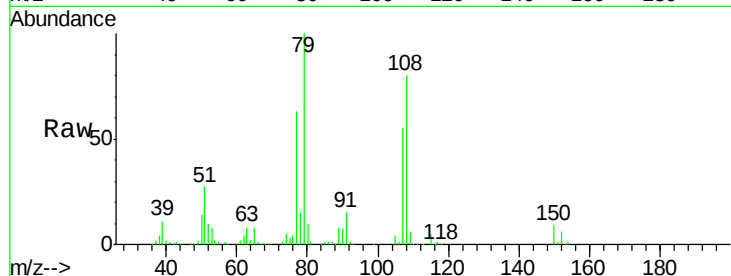
ClientSampleId :

PB110157BSD

Tot Ion:	79	Resp:	363513
Ion Ratio	Lower	Upper	
79	100		
108	80.3	65.1	97.7
77	63.4	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 41.149 ng

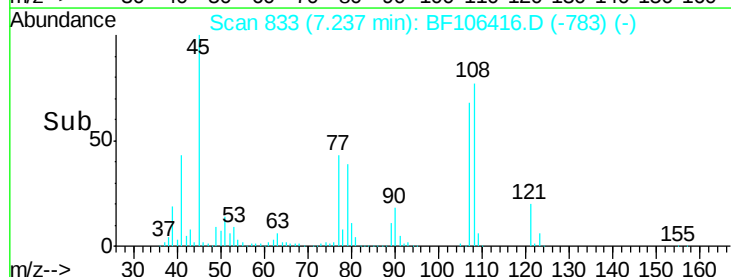
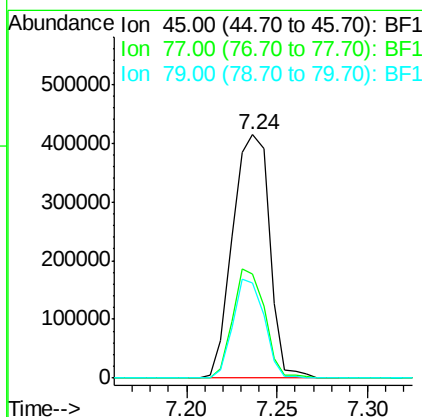
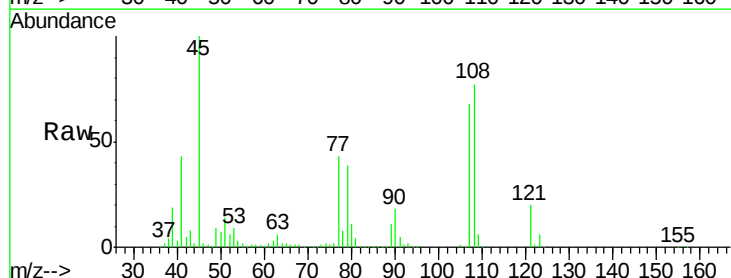
RT: 7.24 min Scan# 833

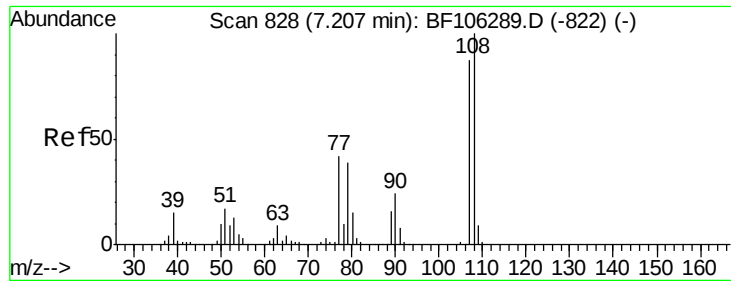
Delta R.T. -0.01 min

Lab File: BF106416.D

Acq: 14 Jun 2018 3:02

Tgt Ion:	45	Resp:	584871
Ion Ratio	Lower	Upper	
45	100		
77	42.6	0.0	32.9#
79	39.0	0.0	29.6#





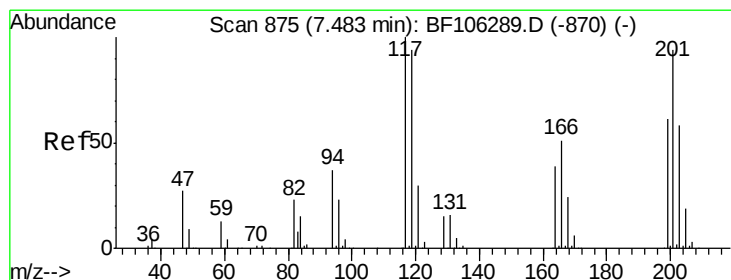
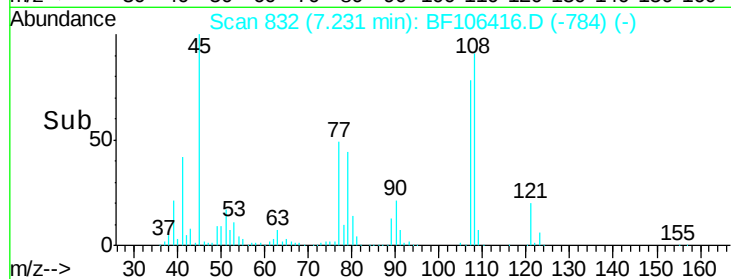
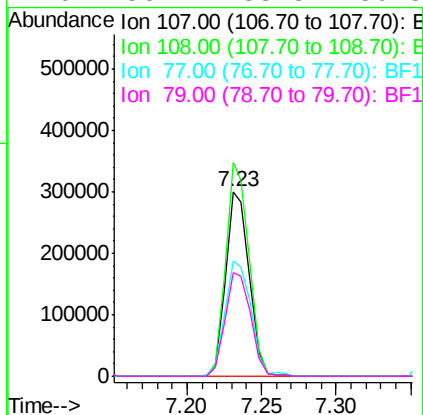
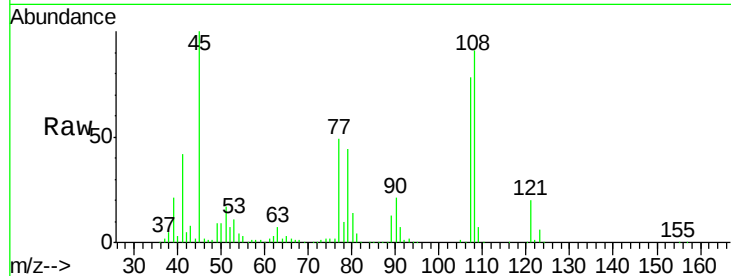
#17
2-Methylphenol
Concen: 41.497 ng
RT: 7.23 min Scan# 832
Delta R.T. -0.02 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Instrument :
BNA_F
ClientSampleId :
PB110157BSD

Tot Ion:	107	Resp:	334351
Ion Ratio	Lower	Upper	
107	100		
108	115.8	91.7	137.5
77	62.2	33.8	50.8#
79	56.4	33.8	50.8#

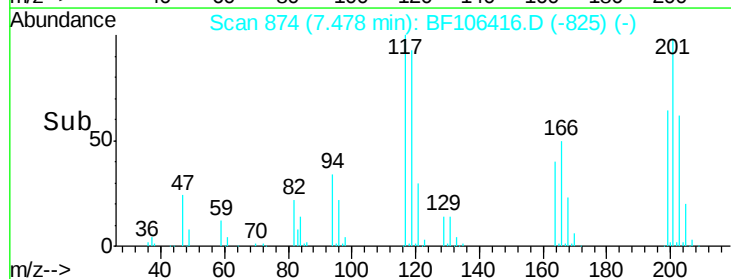
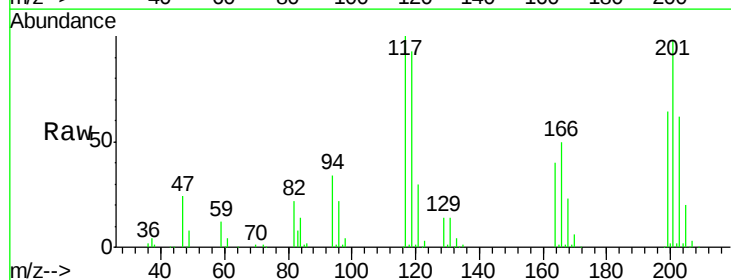
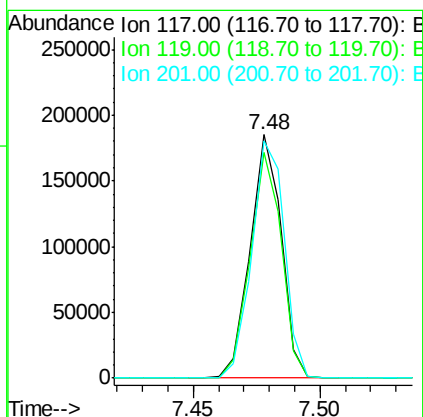
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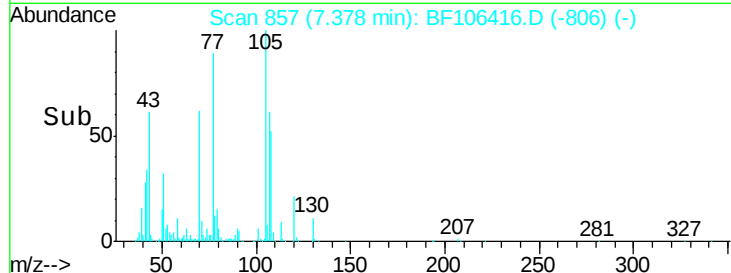
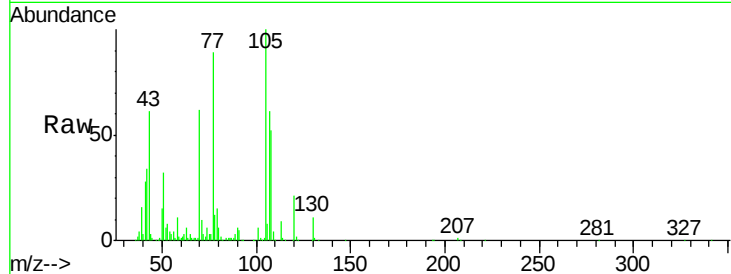
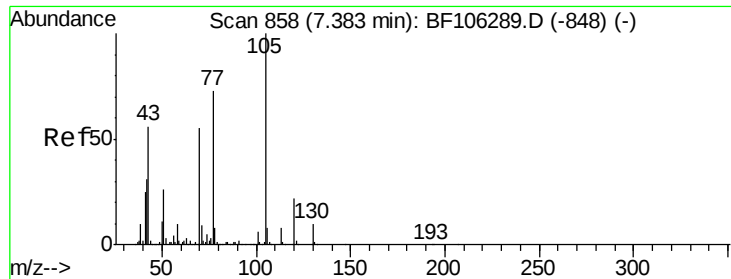
Sohil
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#18
Hexachloroethane
Concen: 41.258 ng
RT: 7.48 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Tgt Ion:	117	Resp:	158565
Ion Ratio	Lower	Upper	
117	100		
119	92.9	75.8	113.8
201	97.6	75.7	113.5





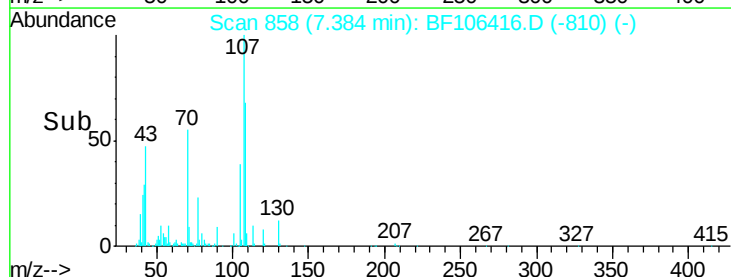
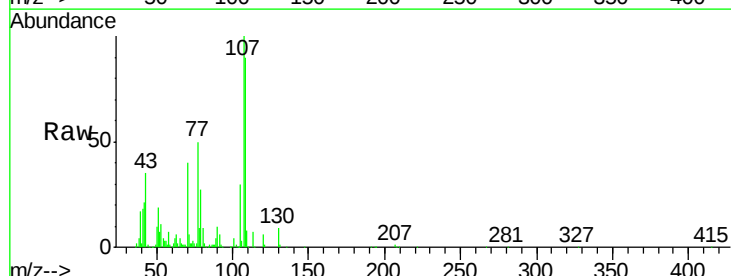
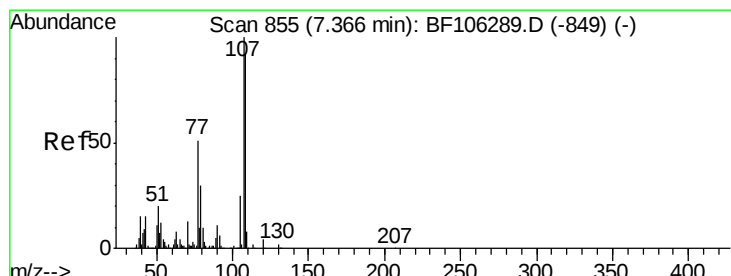
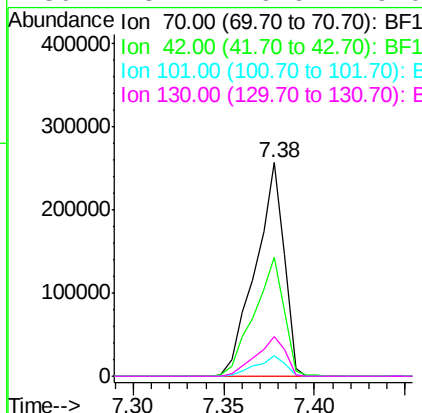
#19
n-Nitroso-di-n-propylamine
Concen: 35.463 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Instrument :
BNA_F
ClientSampleId :
PB110157BSD

Tot Ion	70	Resp	282279
Ion Ratio	Lower	Upper	
70	100		
42	55.7	47.5	71.3
101	9.4	7.4	11.2
130	18.4	16.6	25.0

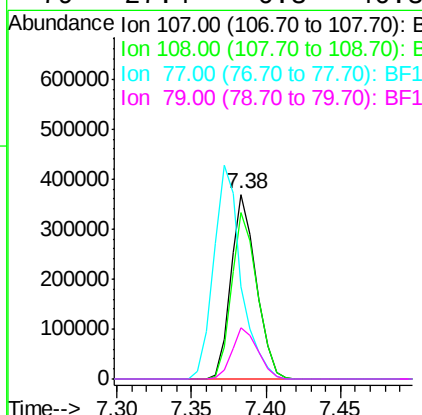
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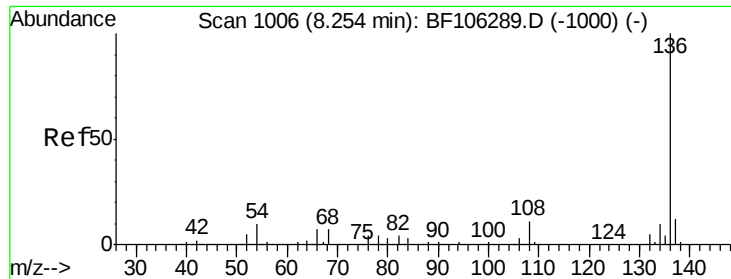
Sohil
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#20
3+4-Methylphenols
Concen: 42.715 ng
RT: 7.38 min Scan# 858
Delta R.T. -0.02 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Tgt Ion	107	Resp	440130
Ion Ratio	Lower	Upper	
107	100		
108	90.0	68.2	108.2
77	50.1	26.7	66.7
79	27.4	6.3	46.3





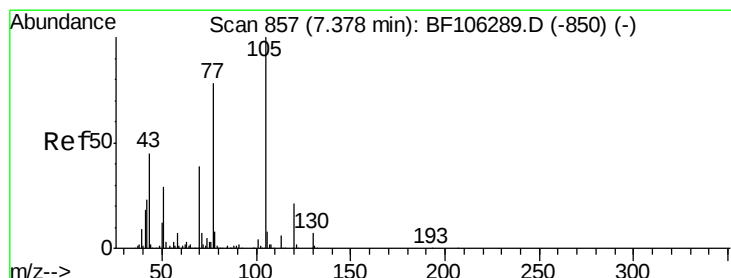
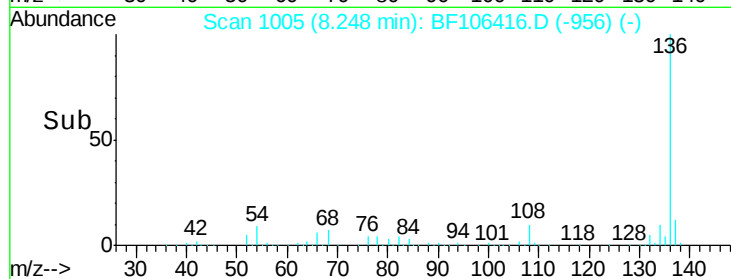
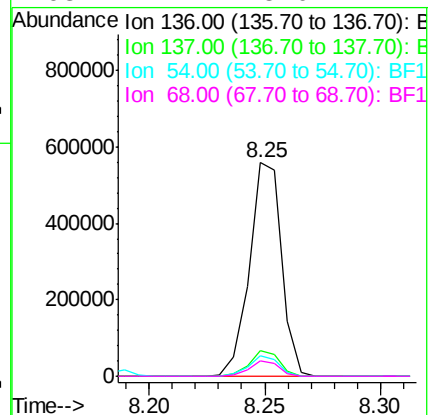
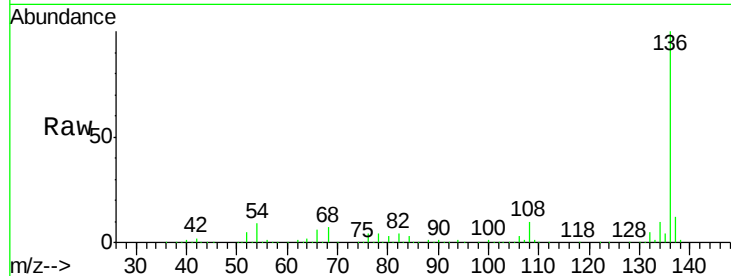
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Instrument :
BNA_F
ClientSampleId :
PB110157BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		543449		
137	11.8	8.9	13.3		
54	9.4	6.6	9.8		
68	7.1	5.0	7.4		

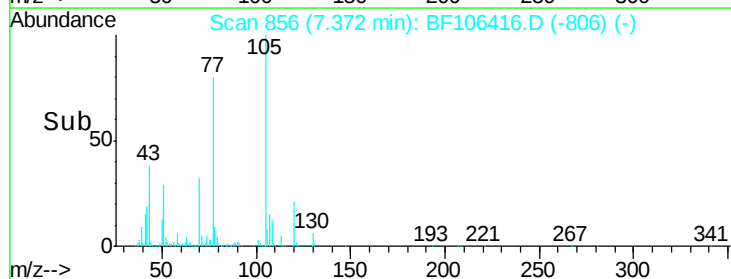
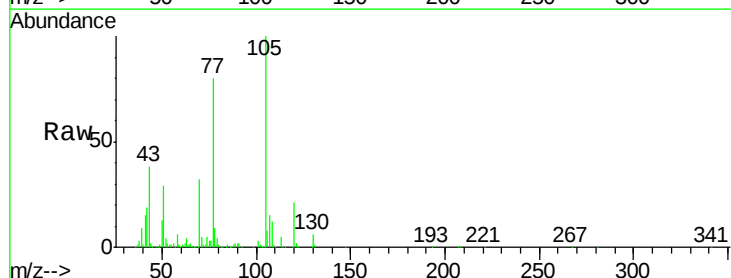
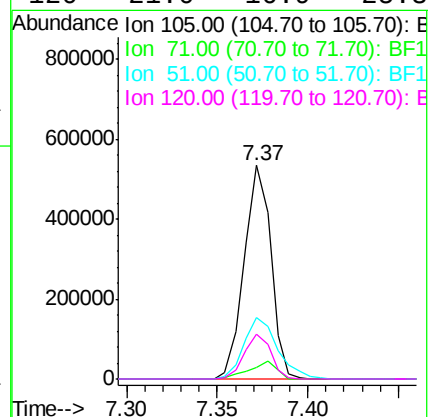
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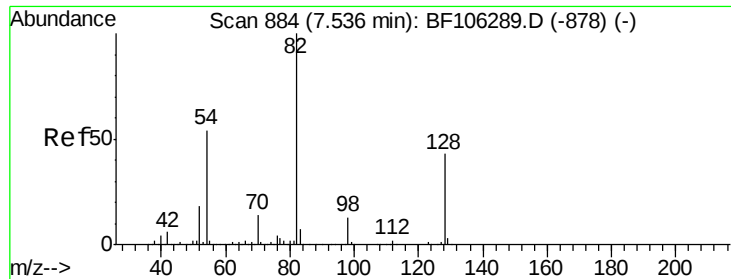
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#22
Acetophenone
Concen: 40.022 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		548121		
71	5.4	4.4	6.6		
51	28.9	22.3	33.5		
120	21.0	16.9	25.3		





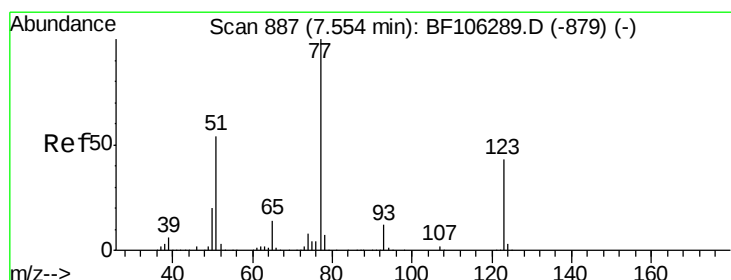
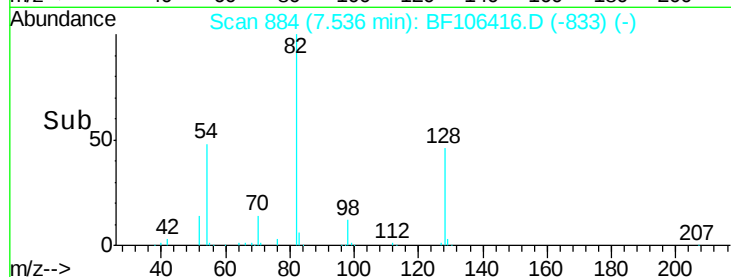
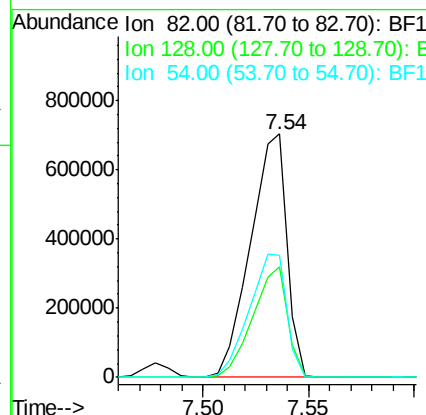
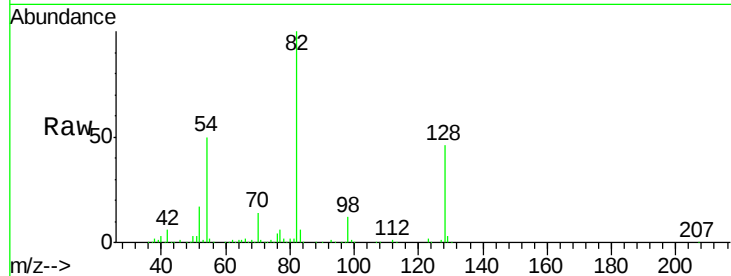
#23
Nitrobenzene-d5
Concen: 91.181 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Instrument :
BNA_F
ClientSampleId :
PB110157BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.1	54.1
54	50.2	41.4	62.2

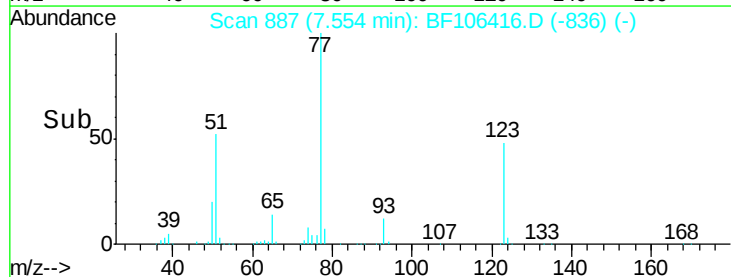
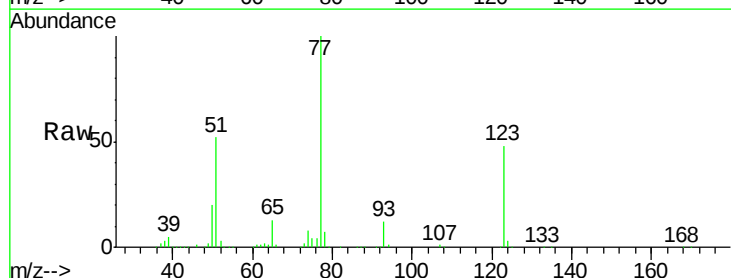
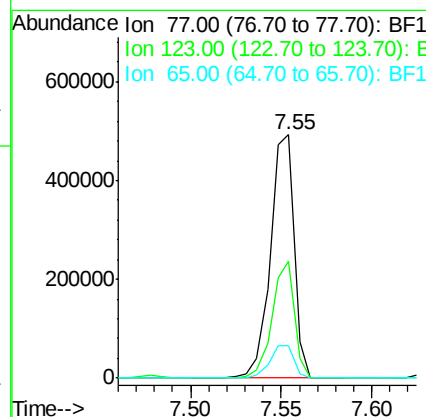
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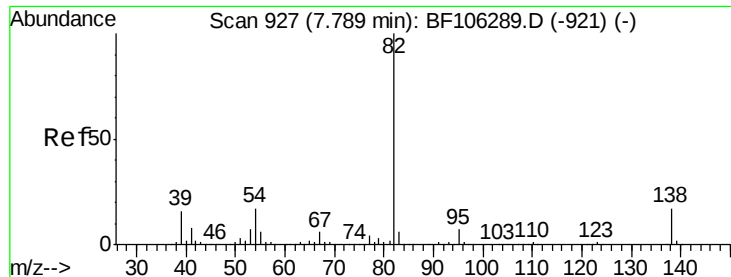
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#24
Nitrobenzene
Concen: 44.732 ng
RT: 7.55 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.1	37.9	56.9
65	13.5	11.0	16.4





#25

Isophorone

Concen: 44.881 ng

RT: 7.79 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF106416.D

Acq: 14 Jun 2018 3:02

Instrument :

BNA_F

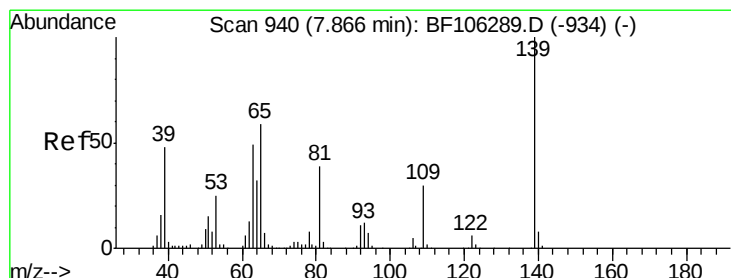
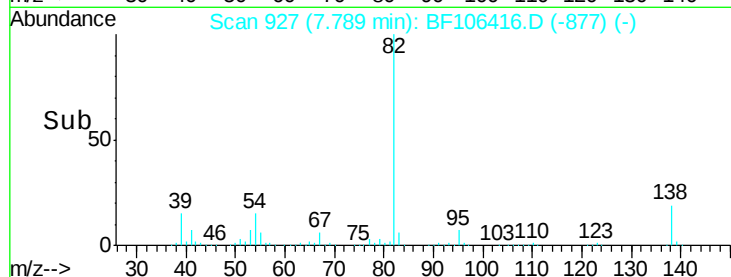
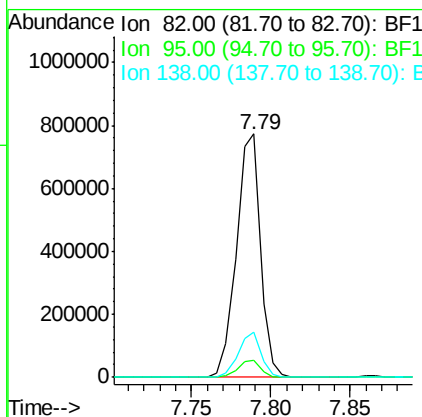
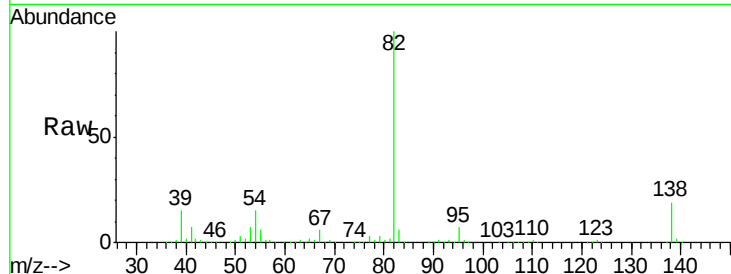
ClientSampleId :

PB110157BSD

Tot Ion:	82	Resp:	809824
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.2	7.8
138	18.8	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 55.128 ng

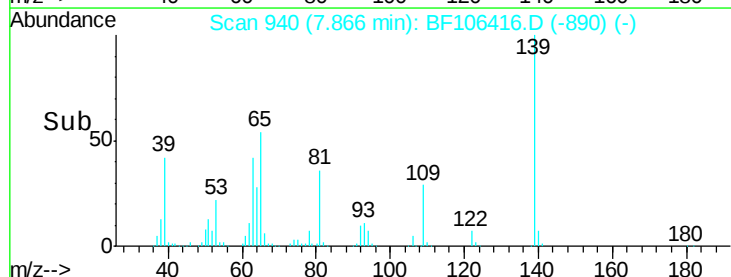
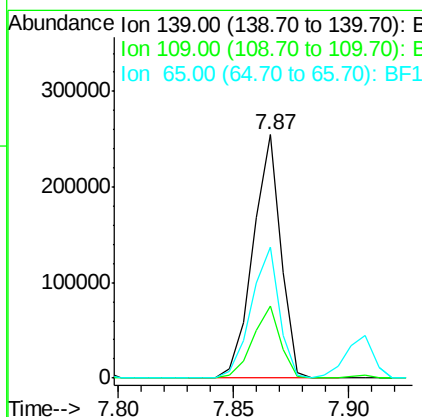
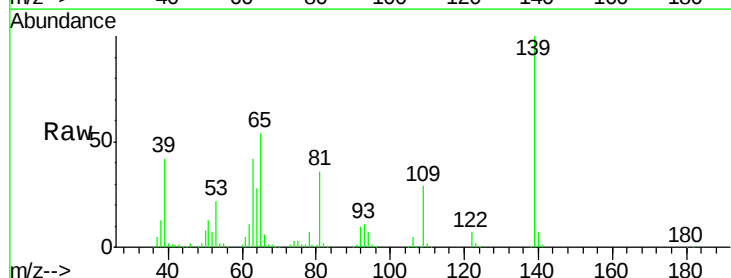
RT: 7.87 min Scan# 940

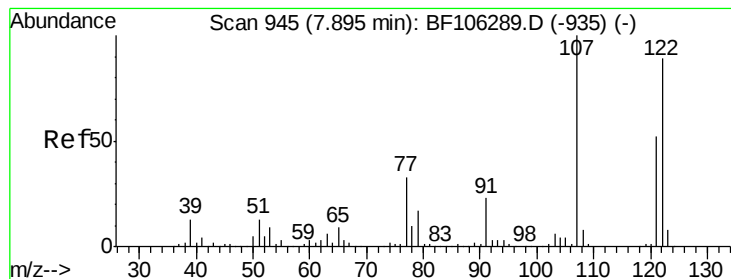
Delta R.T. -0.01 min

Lab File: BF106416.D

Acq: 14 Jun 2018 3:02

Tgt Ion:	139	Resp:	214848
Ion Ratio	Lower	Upper	
139	100		
109	29.4	22.7	34.1
65	53.9	40.5	60.7





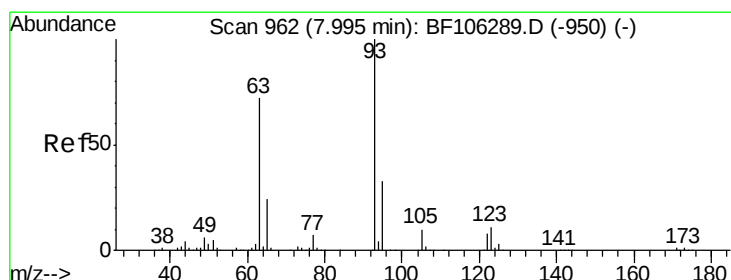
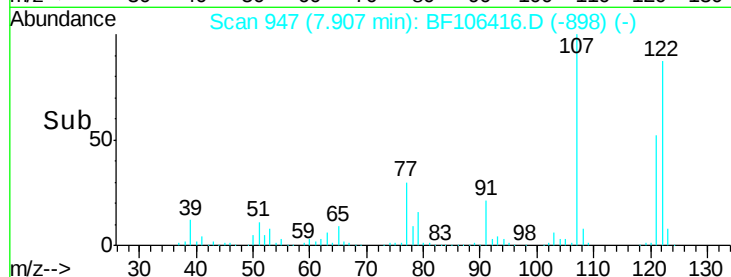
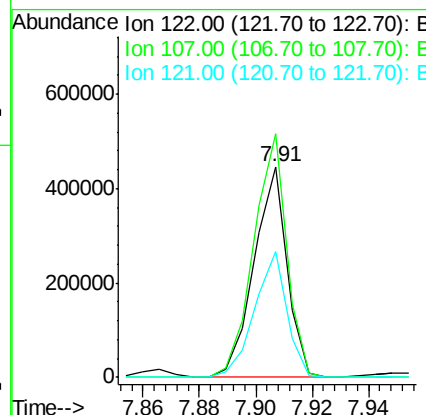
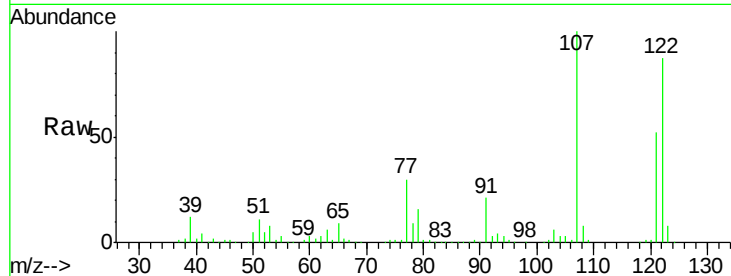
#27
2,4-Dimethylphenol
Concen: 47.616 ng
RT: 7.91 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Instrument :
BNA_F
ClientSampleId :
PB110157BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	363722		
107	115.5	91.2	136.8	
121	59.6	47.2	70.8	

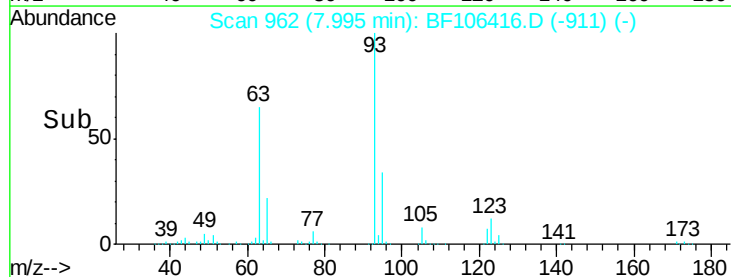
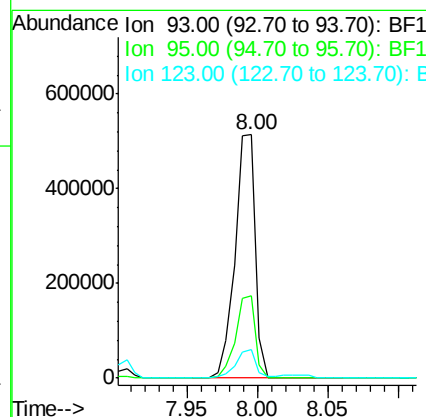
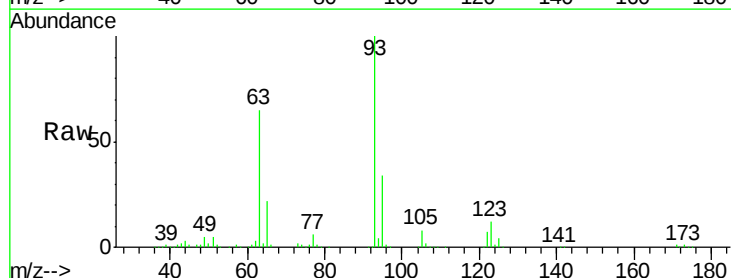
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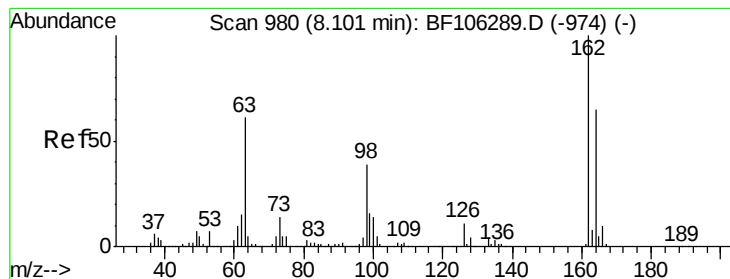
Sohil
6/14/2018 2:51:43 PM



#28
bis(2-Chloroethoxy)methane
Concen: 43.693 ng
RT: 8.00 min Scan# 962
Delta R.T. -0.00 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	511203		
95	33.6	26.3	39.5	
123	11.8	9.8	14.6	





#29

2,4-Dichlorophenol

Concen: 48.415 ng

RT: 8.12 min Scan# 983

Delta R.T. -0.02 min

Lab File: BF106416.D

Acq: 14 Jun 2018 3:02

Instrument :

BNA_F

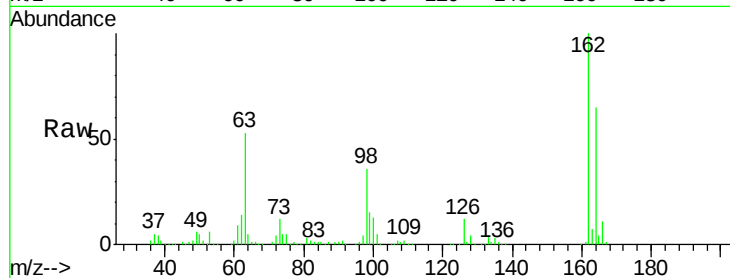
ClientSampleId :

PB110157BSD

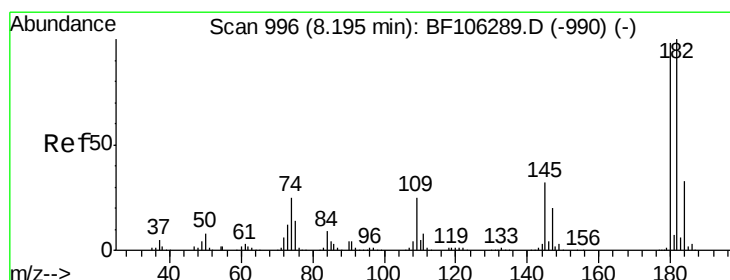
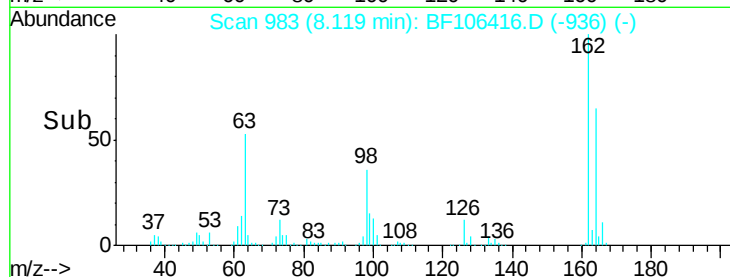
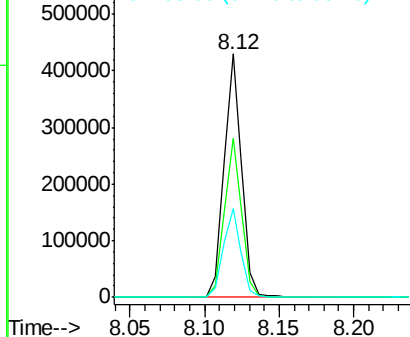
Tot Ion:	162	Resp:	356785
Ion Ratio	Lower	Upper	
162	100		
164	65.2	42.7	82.7
98	36.5	18.1	58.1

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



#30

1,2,4-Trichlorobenzene

Concen: 43.452 ng

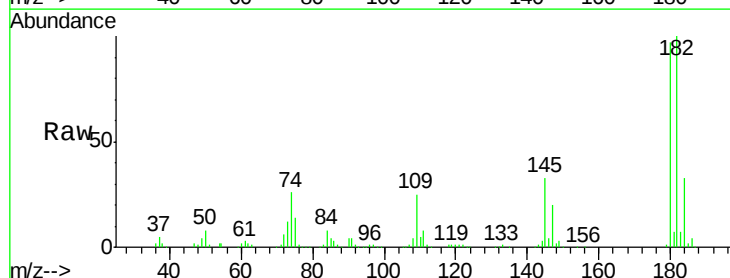
RT: 8.19 min Scan# 995

Delta R.T. -0.01 min

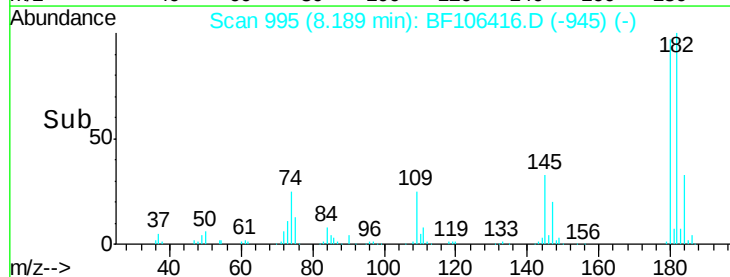
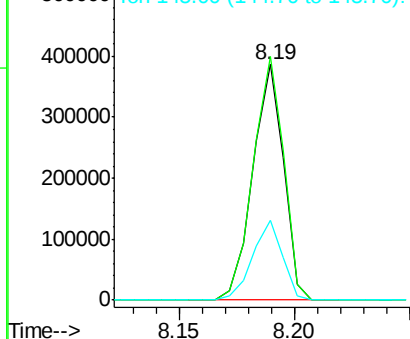
Lab File: BF106416.D

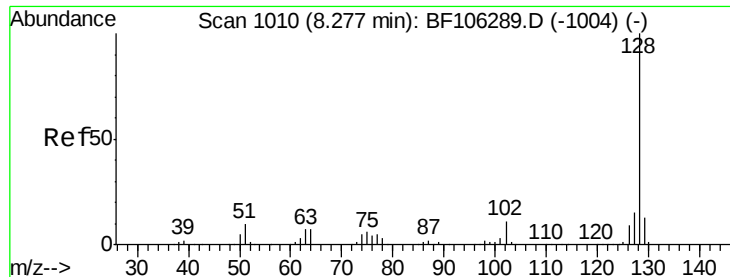
Acq: 14 Jun 2018 3:02

Tgt Ion:	180	Resp:	359036
Ion Ratio	Lower	Upper	
180	100		
182	103.3	76.8	115.2
145	33.7	26.5	39.7



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





#31

Naphthalene

Concen: 44.023 ng

RT: 8.27 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF106416.D

Acq: 14 Jun 2018 3:02

Instrument :

BNA_F

ClientSampleId :

PB110157BSD

Tot Ion:128 Resp: 1081502

Ion Ratio Lower Upper

128 100

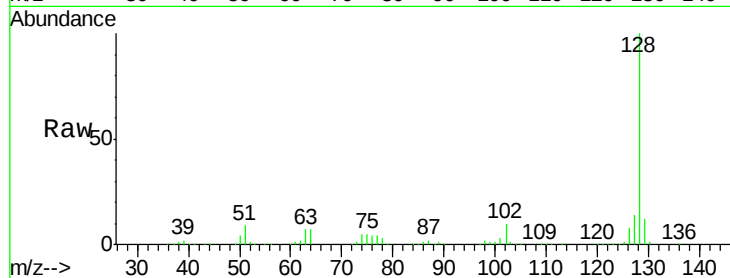
129 12.0 8.8 13.2

127 14.3 10.9 16.3

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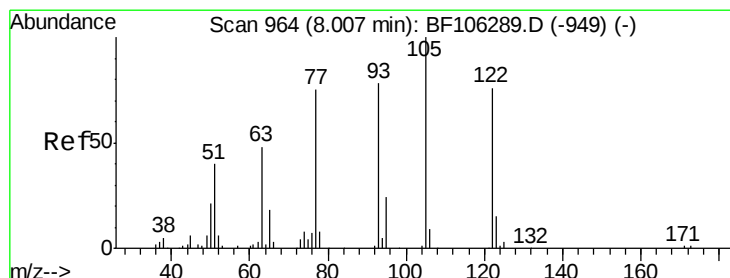
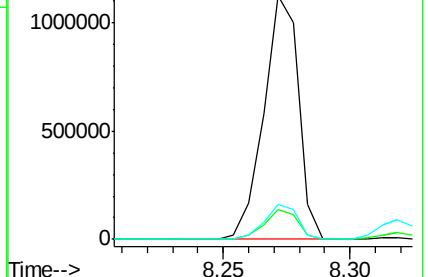
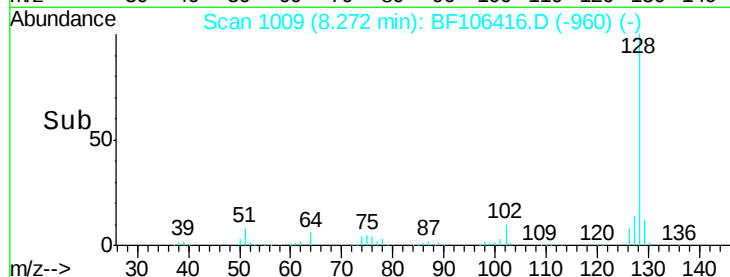
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 43.113 ng

RT: 8.04 min Scan# 969

Delta R.T. 0.03 min

Lab File: BF106416.D

Acq: 14 Jun 2018 3:02

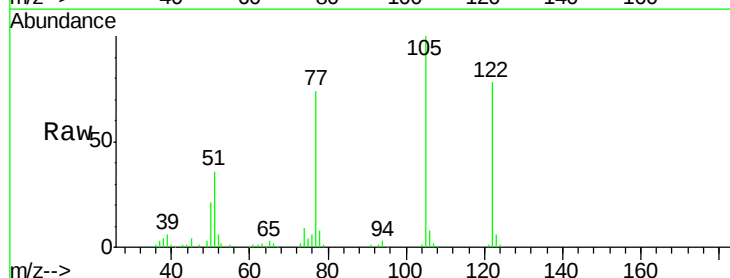
Tgt Ion:122 Resp: 237971

Ion Ratio Lower Upper

122 100

105 128.6 101.1 141.1

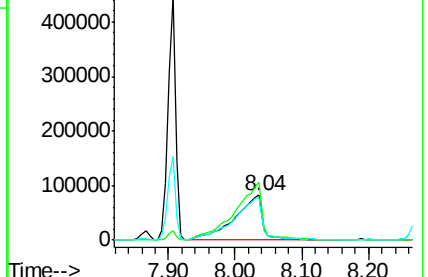
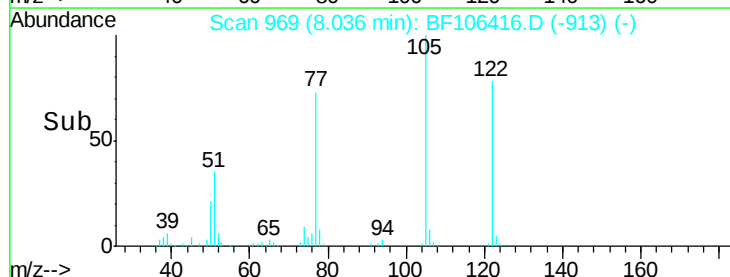
77 95.5 70.7 110.7

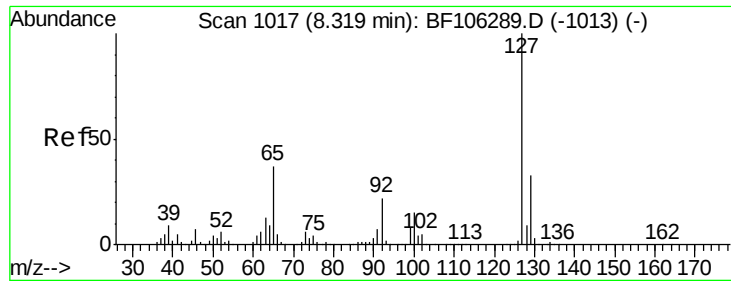


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





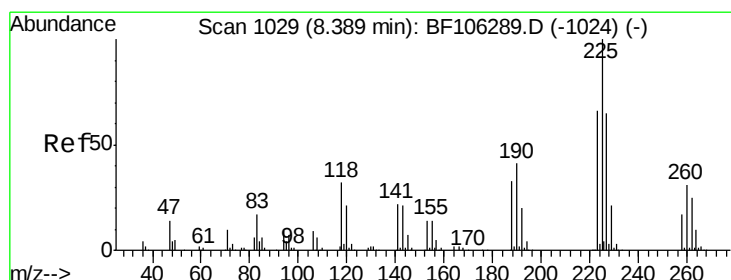
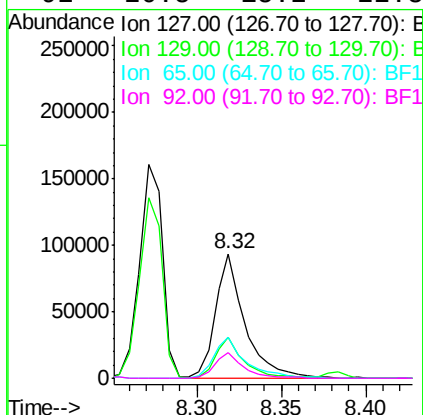
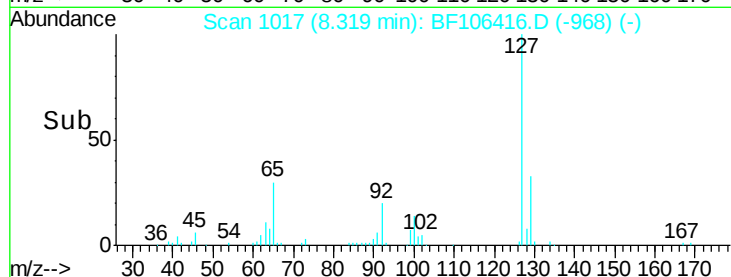
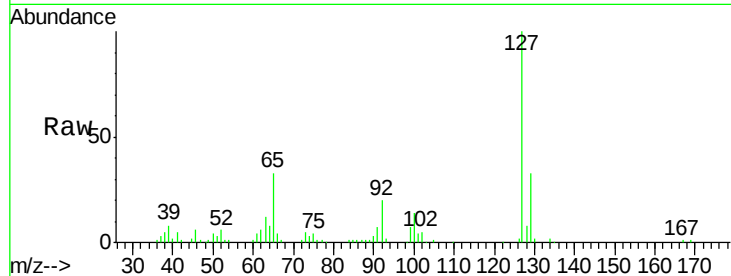
#33
4-Chloroaniline
Concen: 10.336 ng
RT: 8.32 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Instrument :
BNA_F
ClientSampleId :
PB110157BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.6	25.9	38.9		
65	32.6	25.0	37.4		
92	20.5	15.2	22.8		

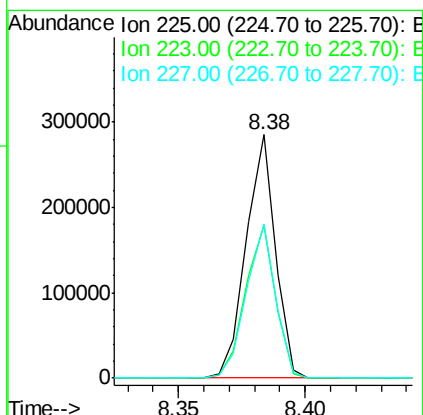
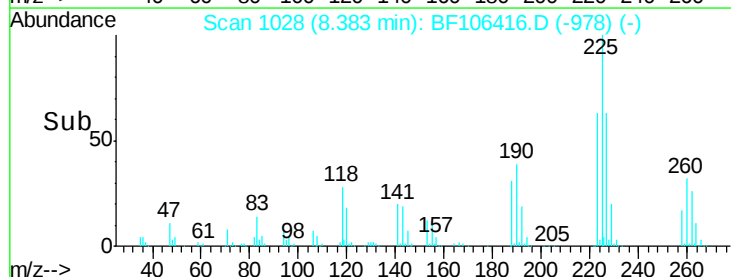
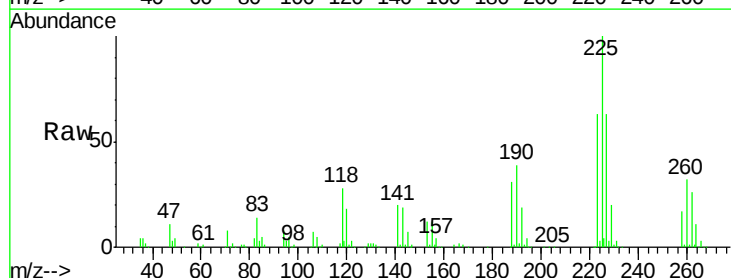
Manual Integrations
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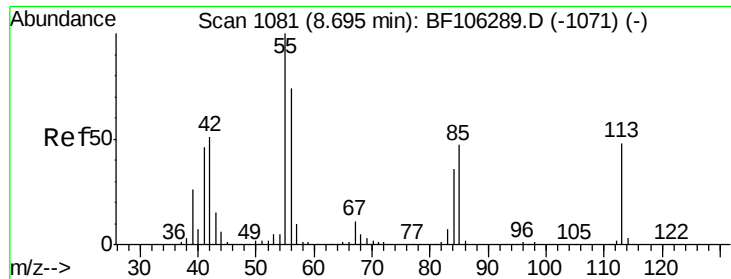
Sohil
6/14/2018 2:51:43 PM



#34
Hexachlorobutadiene
Concen: 43.230 ng
RT: 8.38 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.9	50.6	76.0		
227	63.0	51.9	77.9		





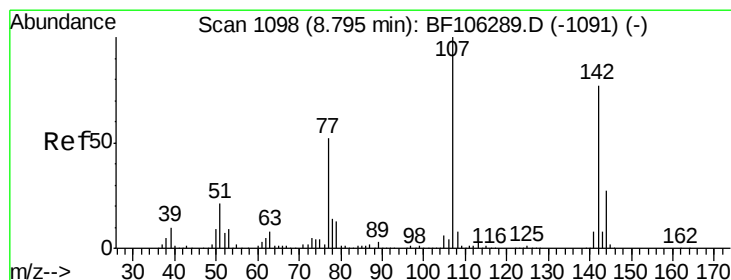
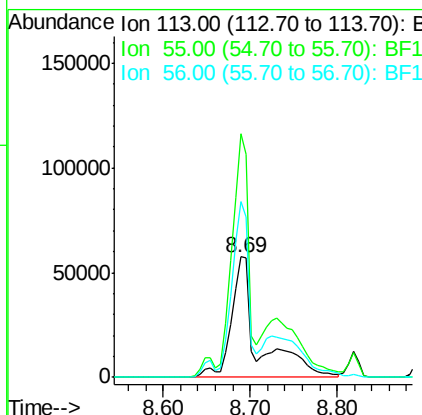
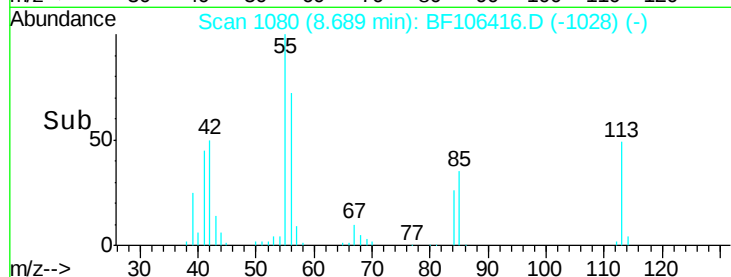
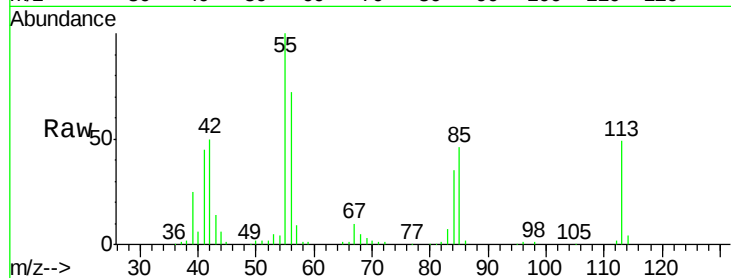
#35
 Caprolactam
 Concen: 49.888 ng/ml
 RT: 8.69 min Scan# 1080
 Delta R.T. 0.01 min
 Lab File: BF106416.D
 Acq: 14 Jun 2018 3:02

Instrument :
 BNA_F
 ClientSampleId :
 PB110157BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	202.4	163.3	203.3
56	145.7	115.7	155.7

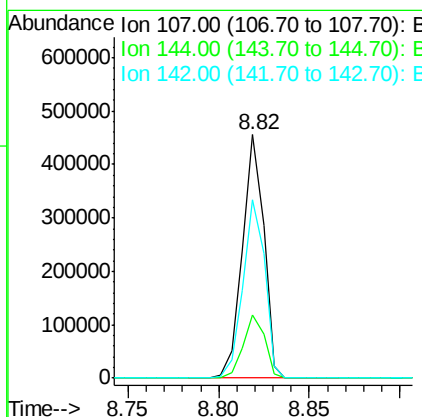
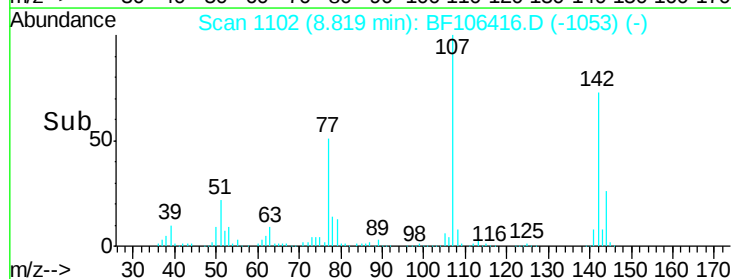
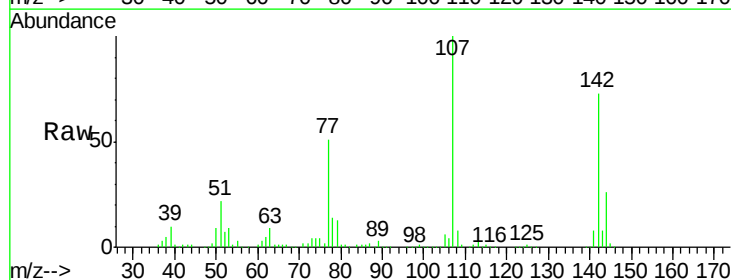
Manual Integrations
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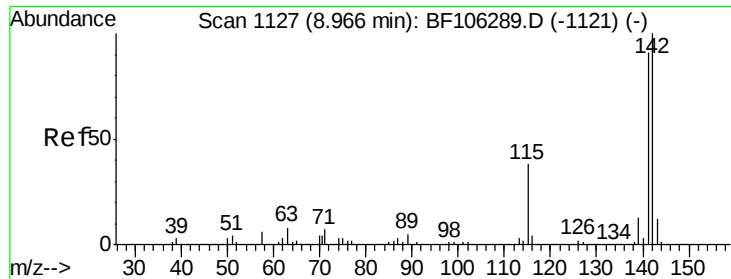
Sohil
 6/14/2018 2:51:43 PM



#36
 4-Chloro-3-methylphenol
 Concen: 46.109 ng/ml
 RT: 8.82 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: BF106416.D
 Acq: 14 Jun 2018 3:02

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.8	20.5	30.7
142	73.4	62.0	93.0





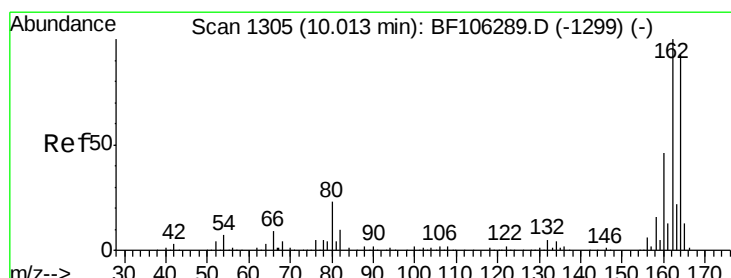
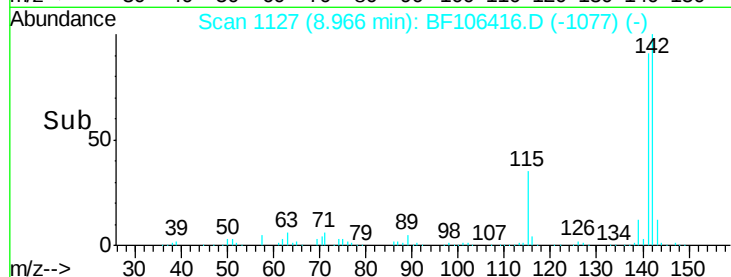
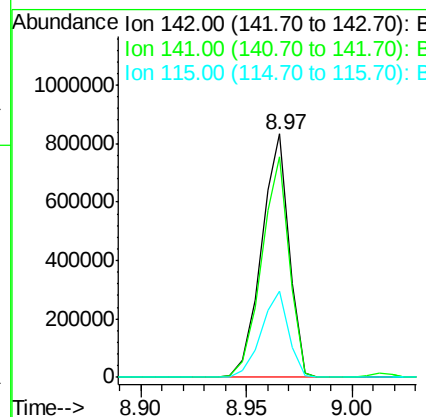
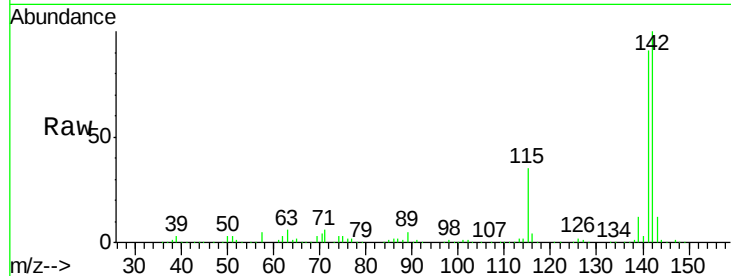
#37
2-Methylnaphthalene
Concen: 45.248 ng
RT: 8.97 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Instrument :
BNA_F
ClientSampleId :
PB110157BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	70.8	106.2
115	35.4	26.1	39.1

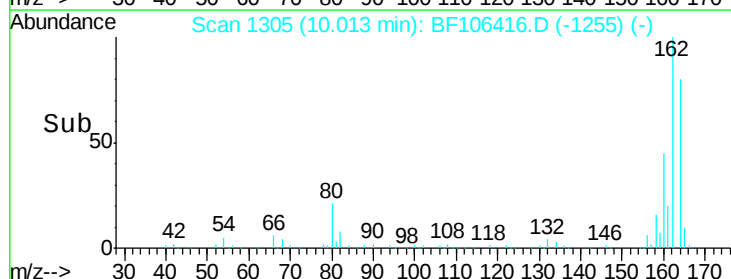
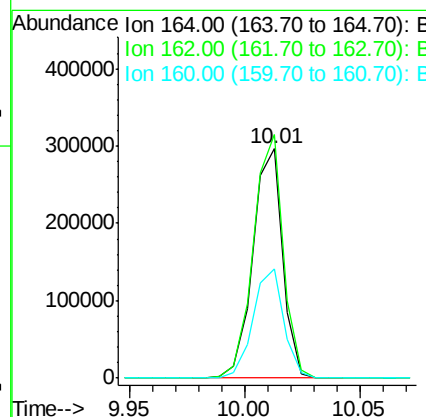
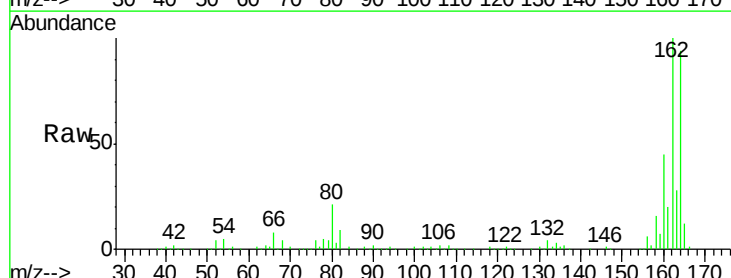
Manual Integrations
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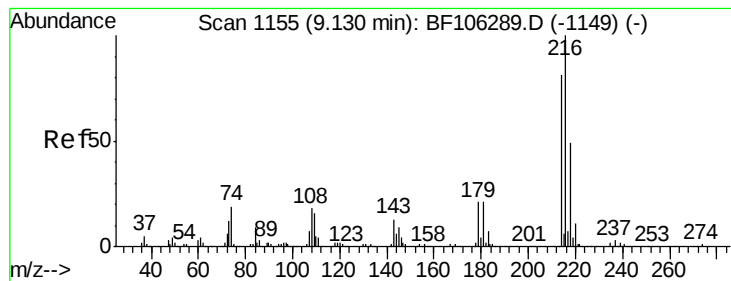
Sohil
6/14/2018 2:51:43 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.3	86.1	129.1
160	47.8	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.876 ng

RT: 9.13 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF106416.D

Acq: 14 Jun 2018 3:02

Instrument :

BNA_F

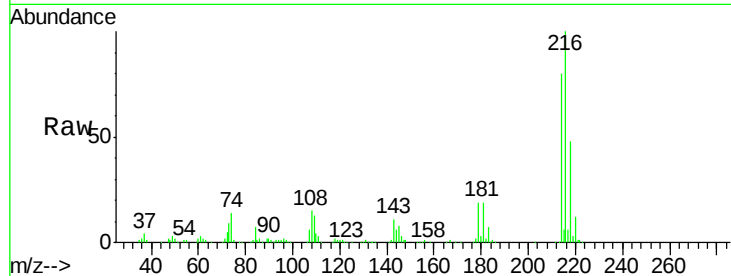
ClientSampleId :

PB110157BSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.1	63.0	94.4
179	19.7	18.1	27.1
108	18.1	17.2	25.8

Manual Integrations
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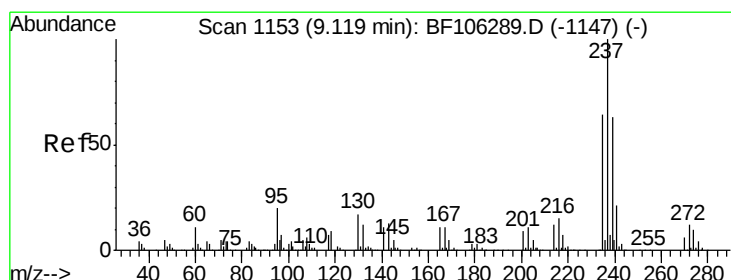
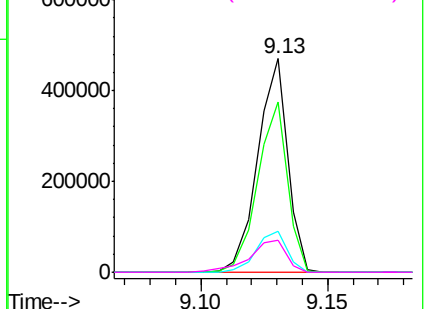
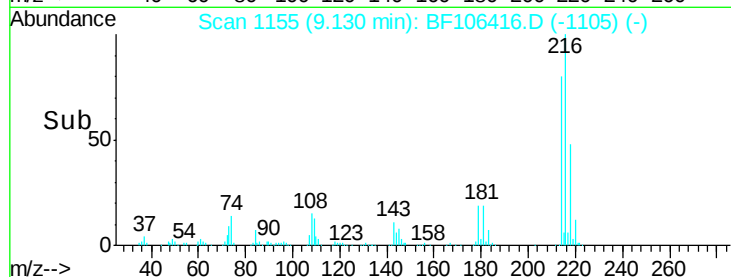


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 51.655 ng

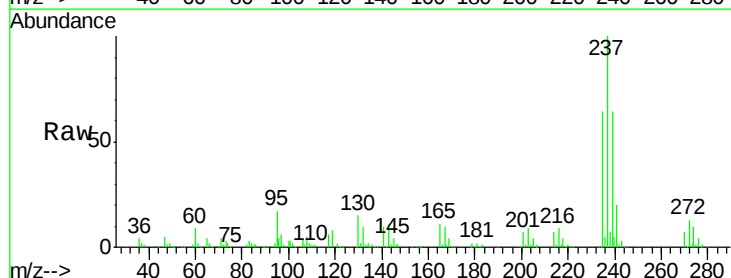
RT: 9.11 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF106416.D

Acq: 14 Jun 2018 3:02

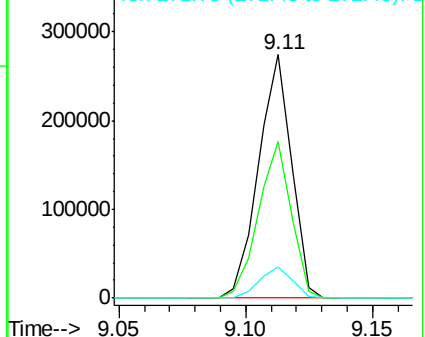
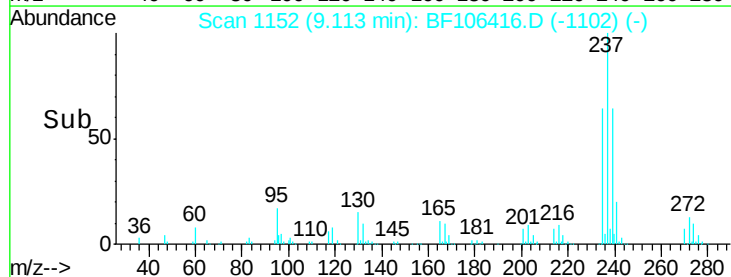
Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	64.2	44.8	84.8
272	12.9	0.0	33.3

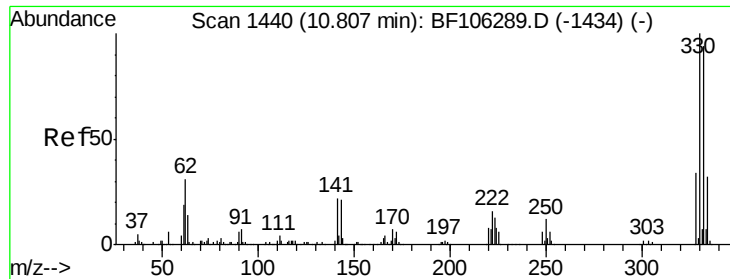


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





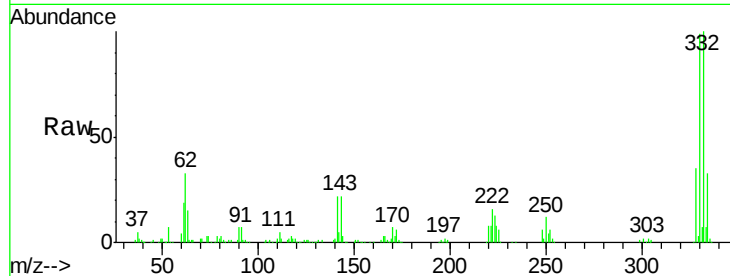
#41
 2,4,6-Tribromophenol
 Concen: 105.383 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF106416.D
 Acq: 14 Jun 2018 3:02

Instrument :
 BNA_F
 ClientSampleId :
 PB110157BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	271318		
332	97.3	77.0	115.6	
141	28.5	29.9	44.9#	

Manual Integrations
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 6/14/2018 2:51:43 PM

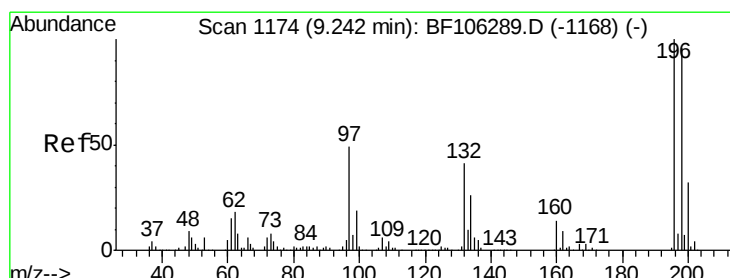
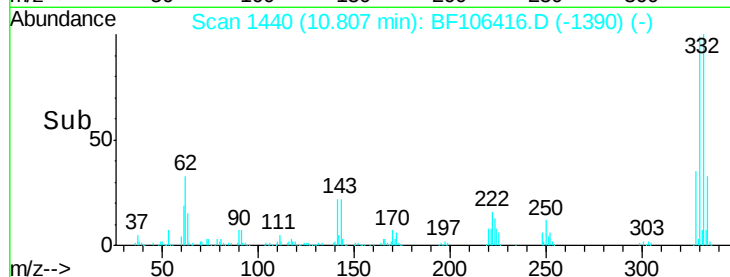
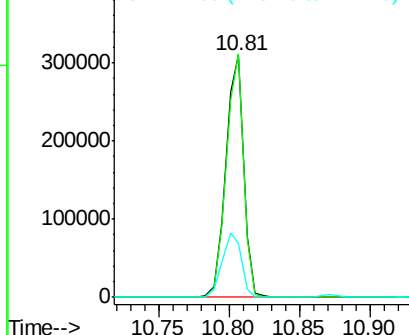


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 49.195 ng
 RT: 9.25 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF106416.D
 Acq: 14 Jun 2018 3:02

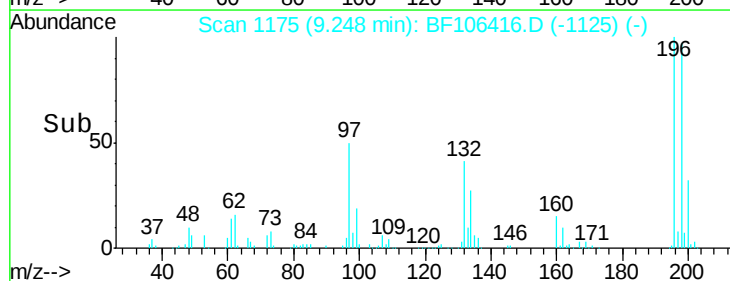
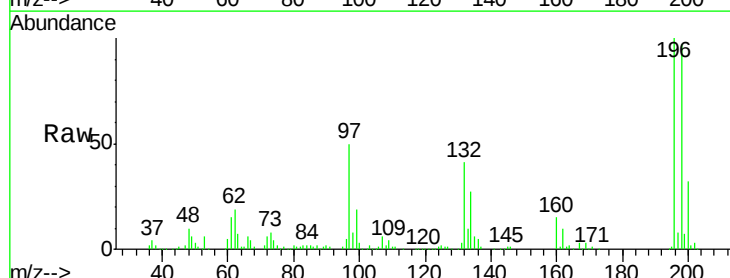
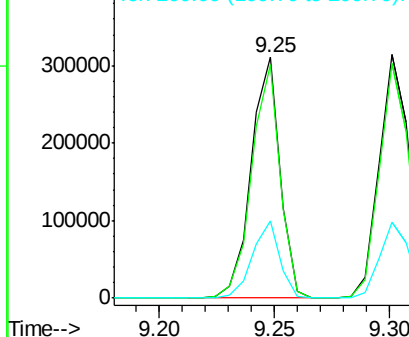
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	272326		
198	96.9	75.7	113.5	
200	31.9	24.5	36.7	

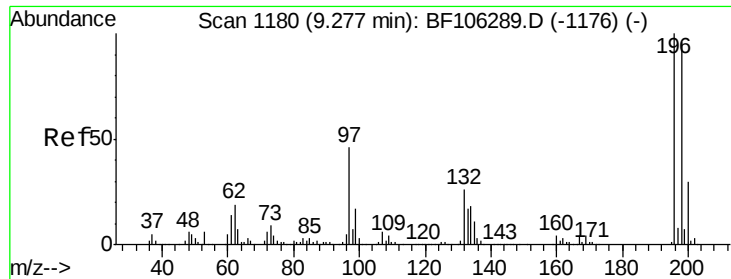
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





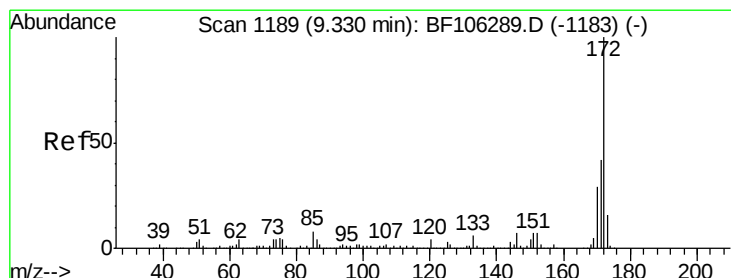
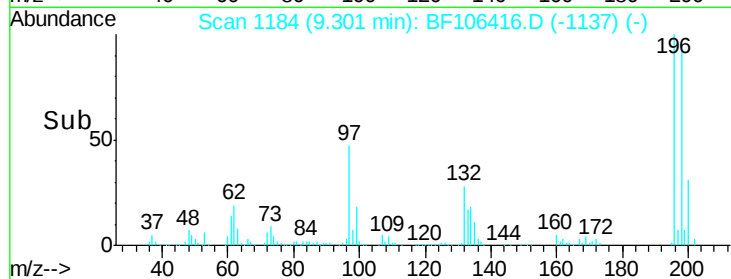
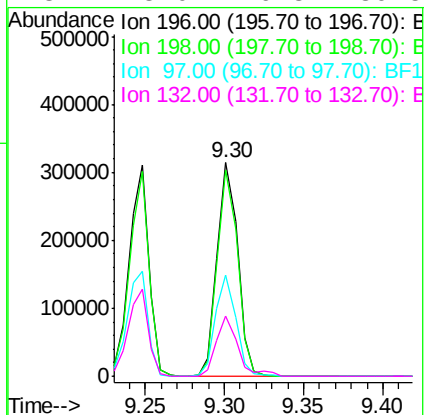
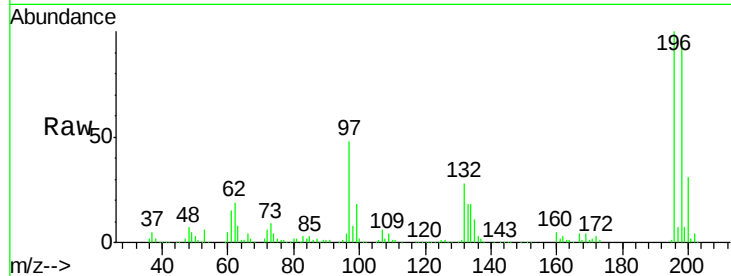
#43
 2,4,5-Trichlorophenol
 Concen: 48.110 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF106416.D
 Acq: 14 Jun 2018 3:02

Instrument :
 BNA_F
 ClientSampleId :
 PB110157BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	287103		
198	96.4	74.6	112.0	
97	47.5	42.9	64.3	
132	28.0	26.3	39.5	

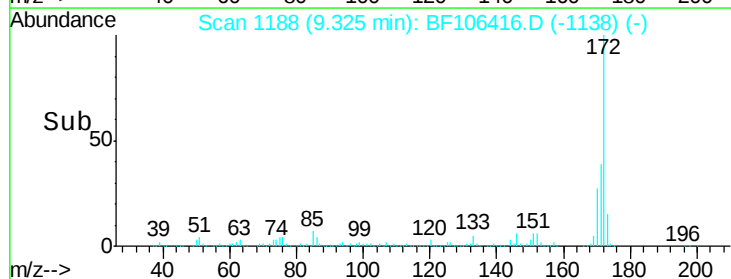
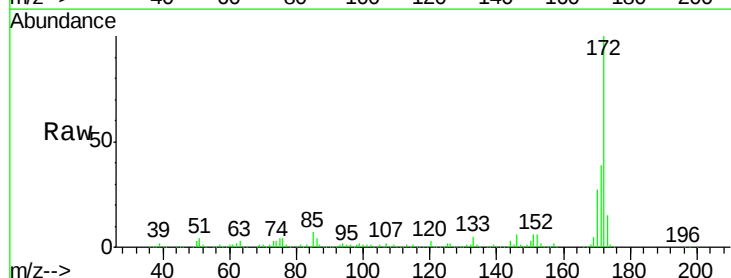
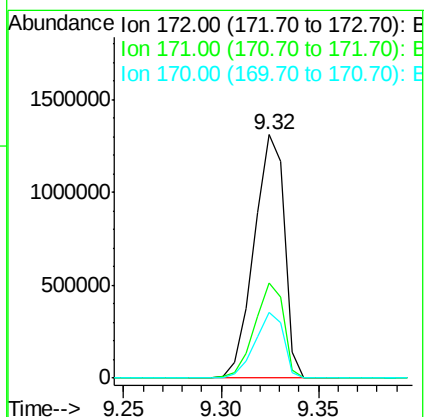
Manual Integrations
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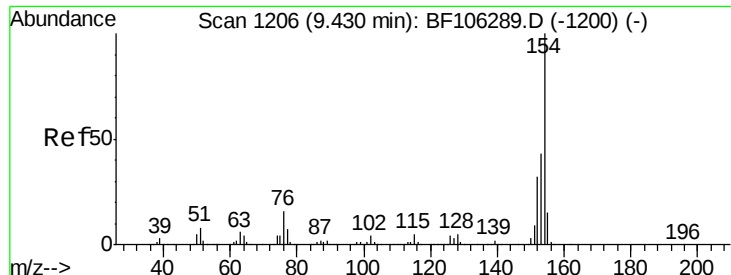
Sohil
 6/14/2018 2:51:43 PM



#44
 2-Fluorobiphenyl
 Concen: 97.596 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF106416.D
 Acq: 14 Jun 2018 3:02

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1404592		
171	39.1	29.7	44.5	
170	26.9	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 42.967 ng

RT: 9.43 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF106416.D

Acq: 14 Jun 2018 3:02

Instrument :

BNA_F

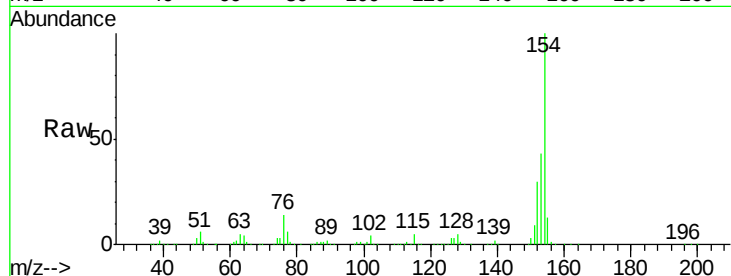
ClientSampleId :

PB110157BSD

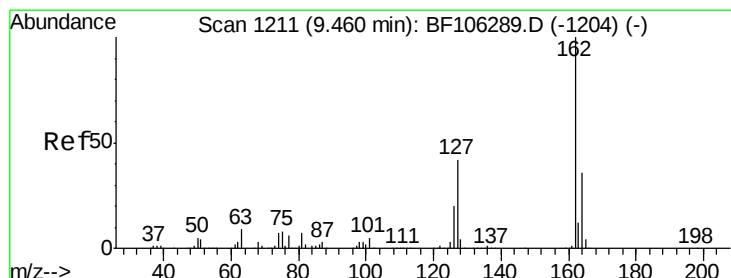
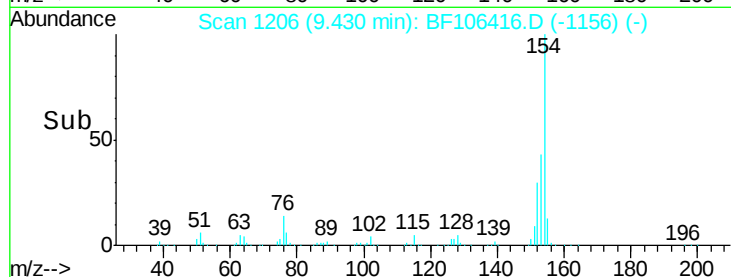
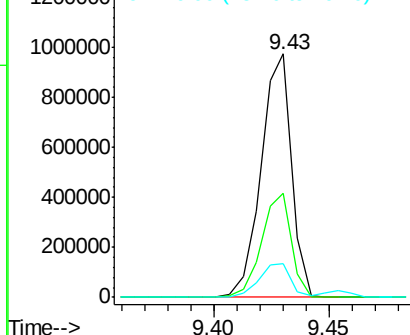
Tot Ion:	154	Resp:	890515
Ion Ratio	Lower	Upper	
154	100		
153	42.7	21.3	61.3
76	13.6	0.0	34.0

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



#46

2-Chloronaphthalene

Concen: 43.740 ng

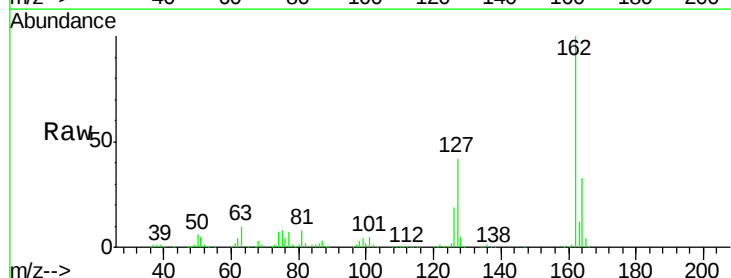
RT: 9.45 min Scan# 1210

Delta R.T. -0.01 min

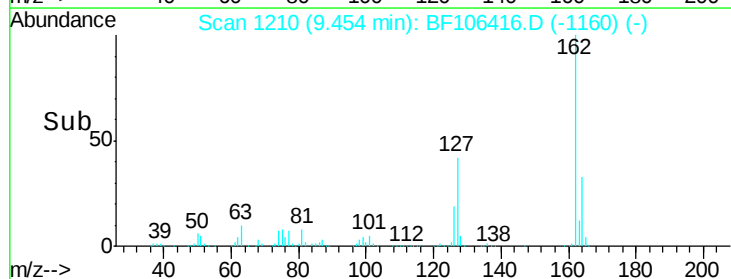
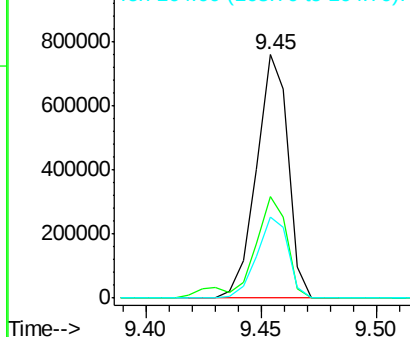
Lab File: BF106416.D

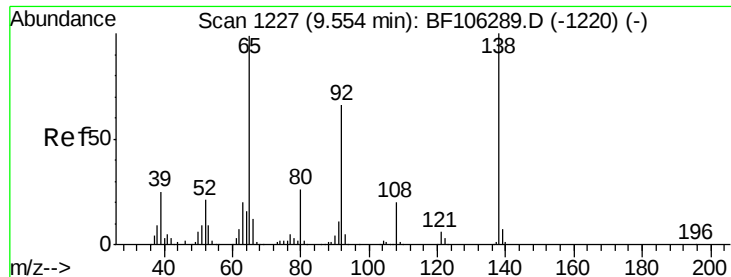
Acq: 14 Jun 2018 3:02

Tgt Ion:	162	Resp:	725454
Ion Ratio	Lower	Upper	
162	100		
127	41.6	33.9	50.9
164	33.4	26.5	39.7



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





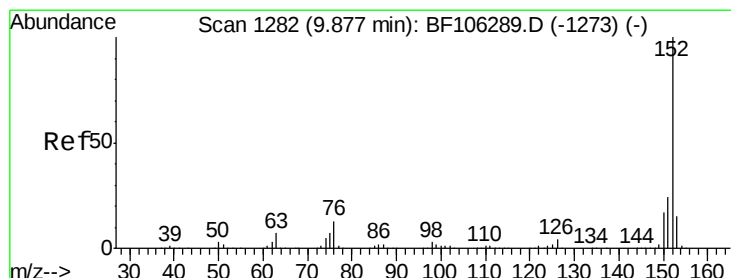
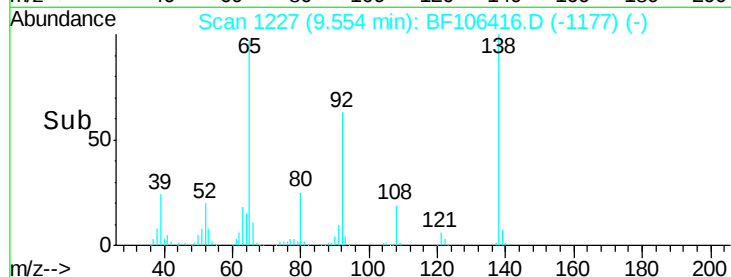
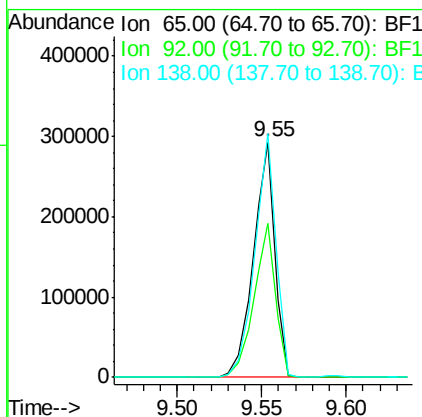
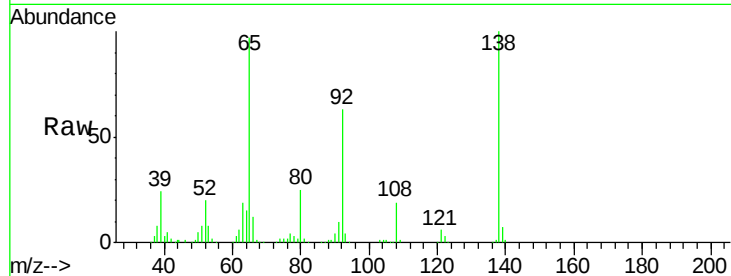
#47
2-Nitroaniline
Concen: 50.141 ng
RT: 9.55 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Instrument :
BNA_F
ClientSampleId :
PB110157BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.5	55.8	83.6
138	103.6	91.2	136.8

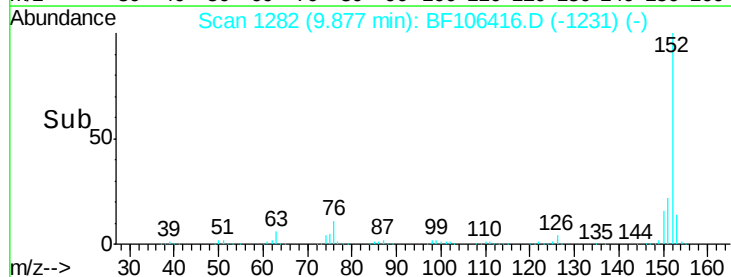
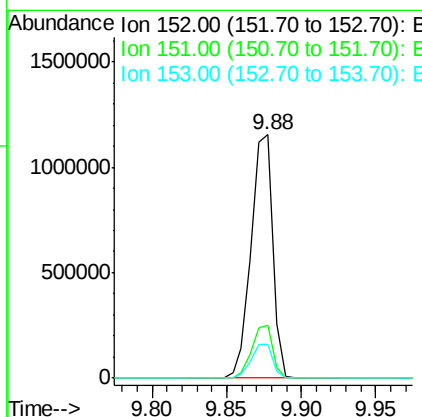
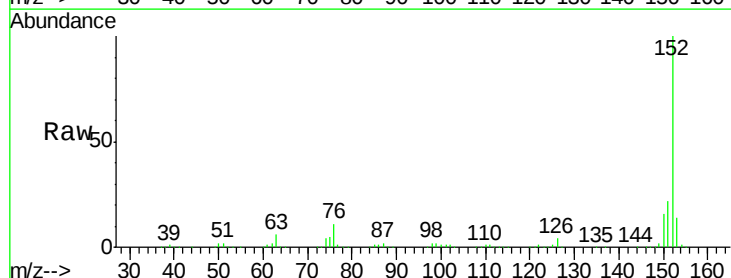
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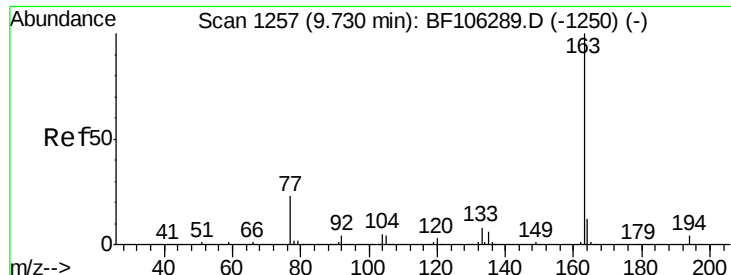
Sohil
6/14/2018 2:51:43 PM



#48
Acenaphthylene
Concen: 45.365 ng
RT: 9.88 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.7	16.3	24.5
153	13.9	10.7	16.1





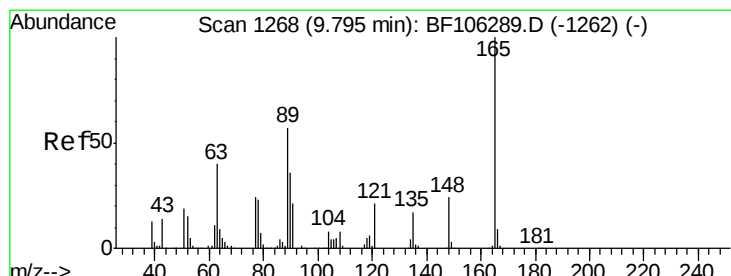
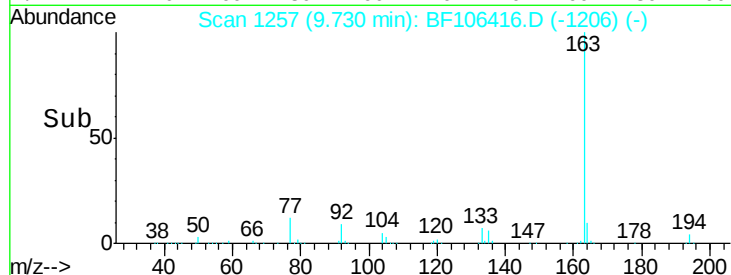
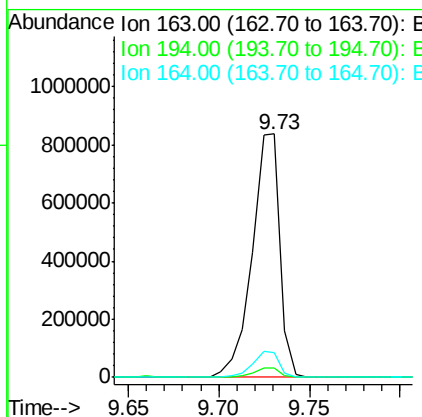
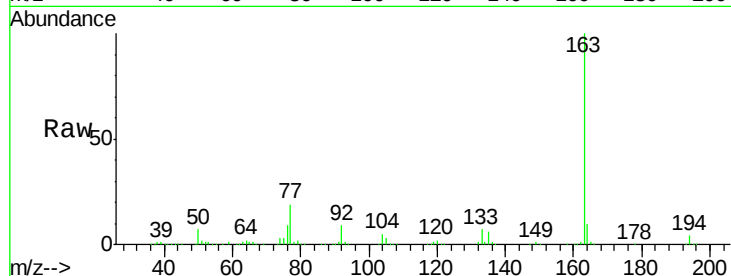
#49
Dimethylphthalate
Concen: 46.429 ng
RT: 9.73 min Scan# 1257
Delta R.T. -0.00 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Instrument :
BNA_F
ClientSampleId :
PB110157BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	887584		
194	4.1	2.7	4.1#	
164	10.0	8.2	12.2	

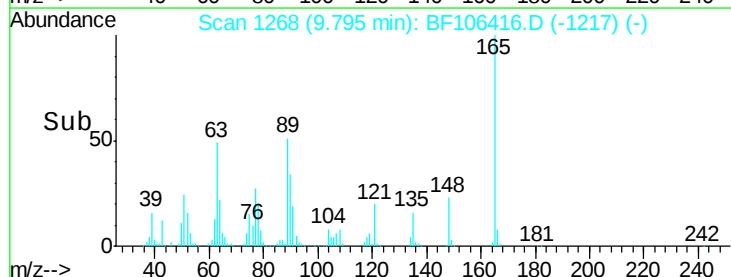
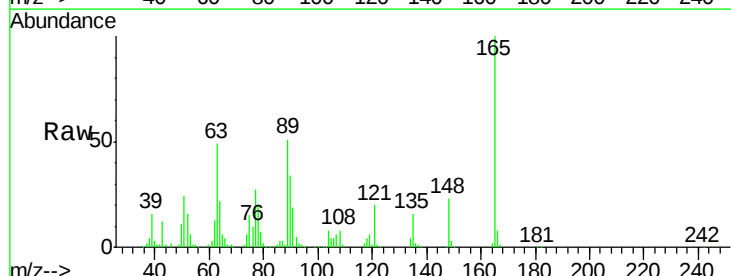
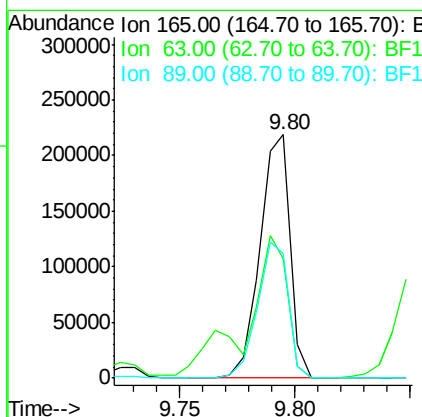
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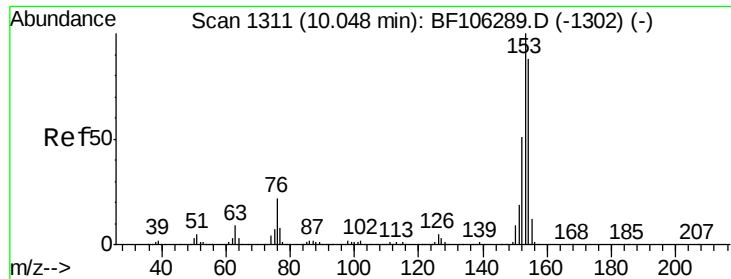
Sohil
6/14/2018 2:51:43 PM



#50
2,6-Dinitrotoluene
Concen: 50.902 ng
RT: 9.80 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	198770		
63	49.1	44.7	67.1	
89	51.1	44.0	66.0	





#51

Acenaphthene

Concen: 40.243 ng

RT: 10.05 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF106416.D

Acq: 14 Jun 2018 3:02

Instrument :

BNA_F

ClientSampleId :

PB110157BSD

Tot Ion:154 Resp: 659775

Ion Ratio Lower Upper

154 100

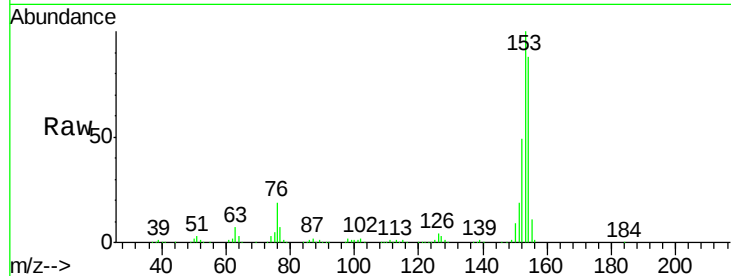
153 114.1 91.2 136.8

152 56.2 43.8 65.8

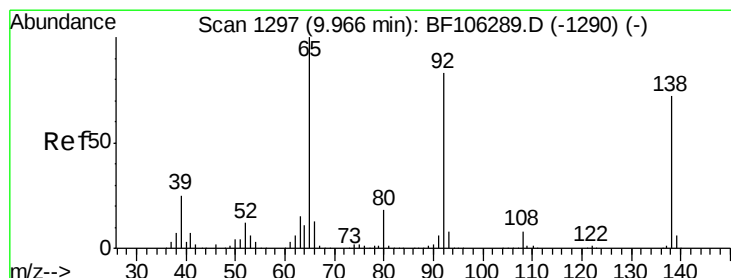
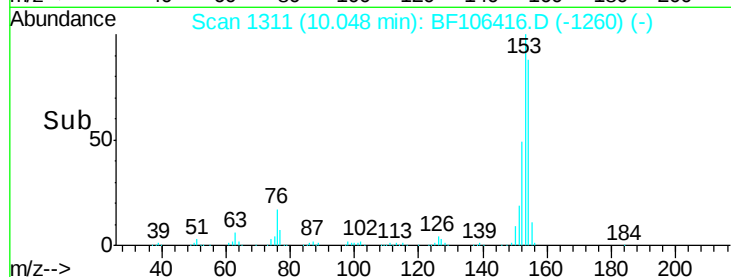
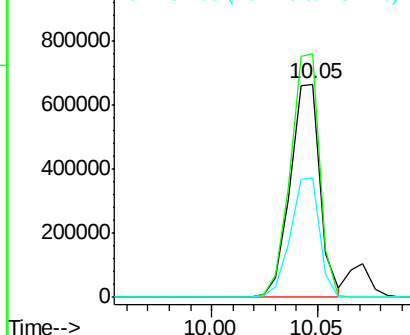
Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 24.164 ng

RT: 9.96 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF106416.D

Acq: 14 Jun 2018 3:02

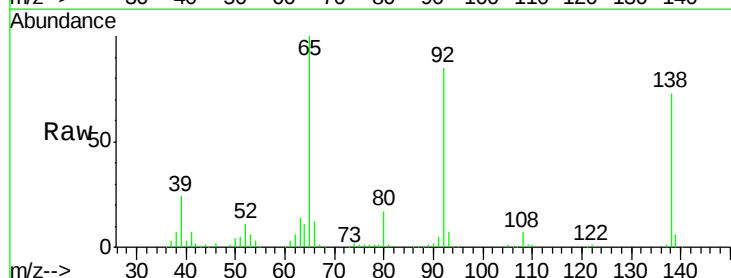
Tgt Ion:138 Resp: 111994

Ion Ratio Lower Upper

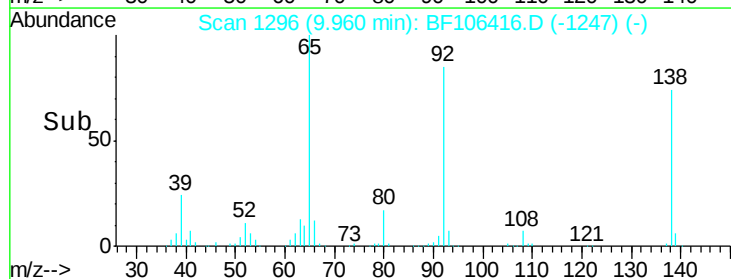
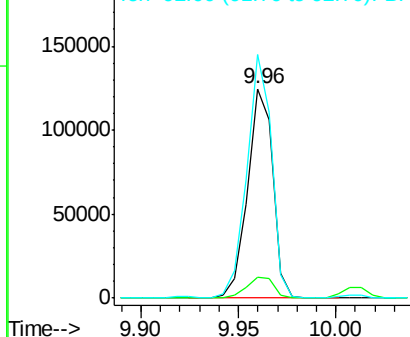
138 100

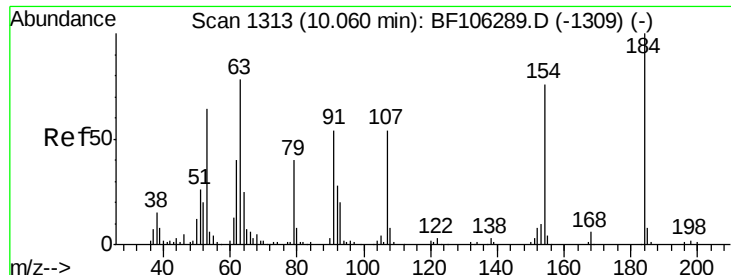
108 9.7 9.4 14.0

92 116.3 89.4 134.2



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





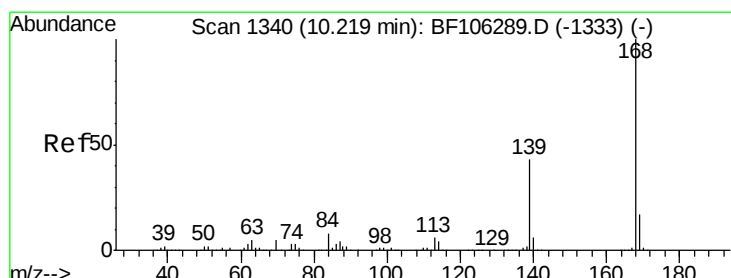
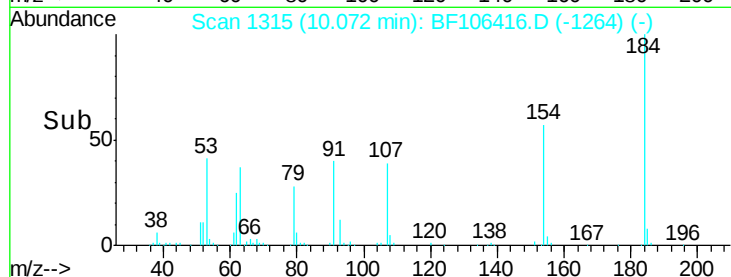
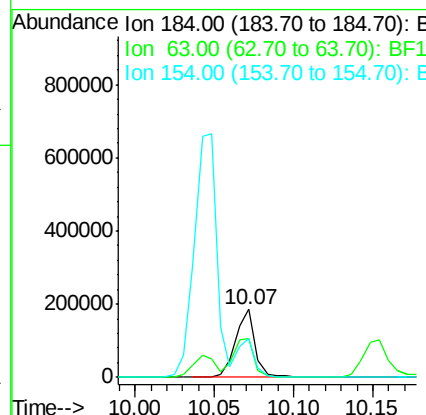
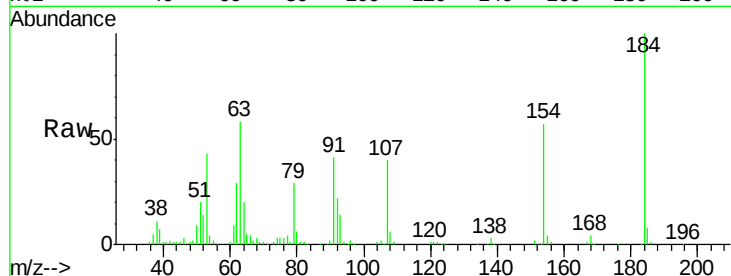
#53
 2,4-Dinitrophenol
 Concen: 87.792 ng
 RT: 10.07 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: BF106416.D
 Acq: 14 Jun 2018 3:02

Instrument :
 BNA_F
 ClientSampleId :
 PB110157BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	57.8	54.2	81.2
154	57.0	184.0	276.0#

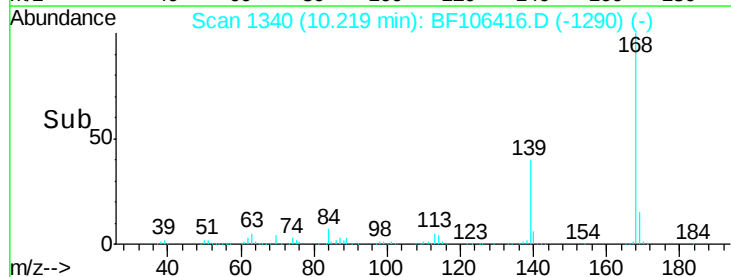
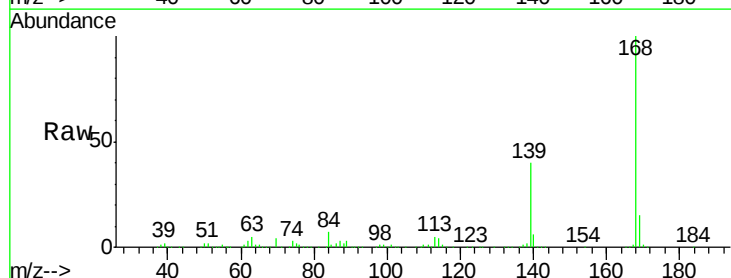
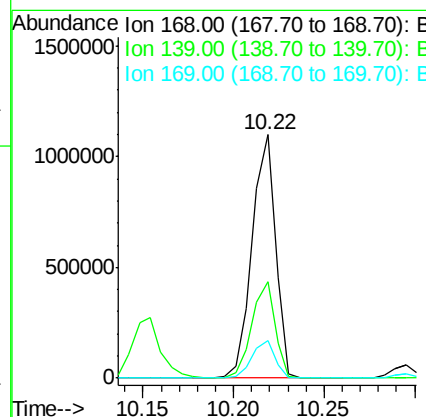
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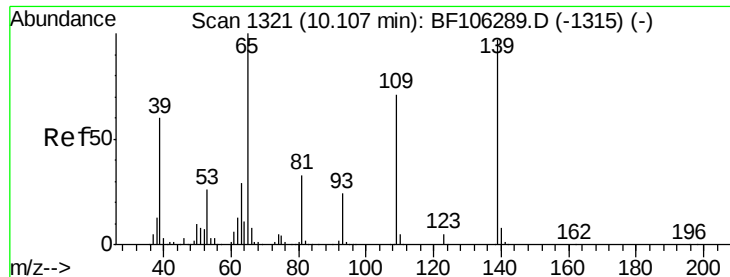
Sohil
 6/14/2018 2:51:43 PM



#54
 Dibenzofuran
 Concen: 44.927 ng
 RT: 10.22 min Scan# 1340
 Delta R.T. -0.01 min
 Lab File: BF106416.D
 Acq: 14 Jun 2018 3:02

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.8	30.1	45.1
169	15.3	10.9	16.3





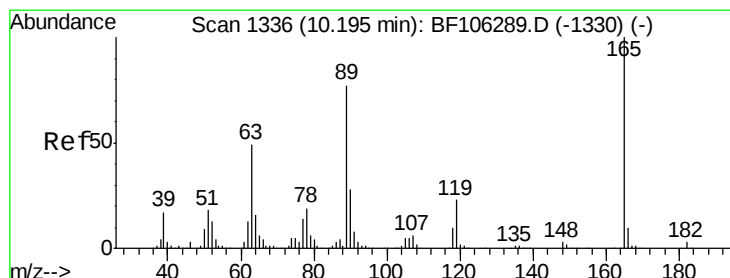
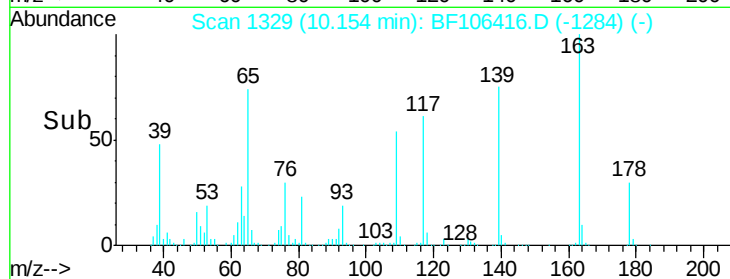
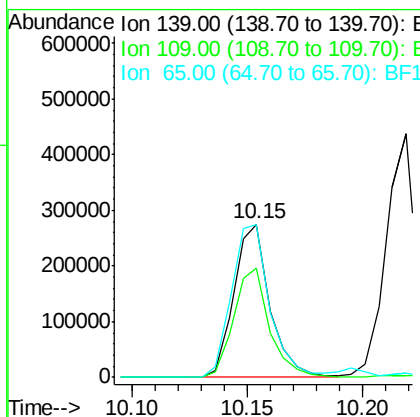
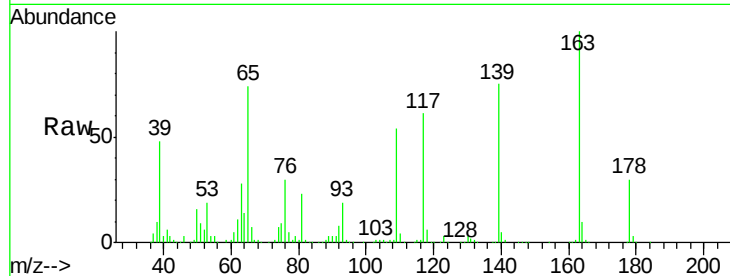
#55
4-Nitrophenol
Concen: 83.812 ng
RT: 10.15 min Scan# 1329
Delta R.T. -0.04 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Instrument :
BNA_F
ClientSampleId :
PB110157BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	297743		
109	71.7	48.4	88.4	
65	99.5	72.6	112.6	

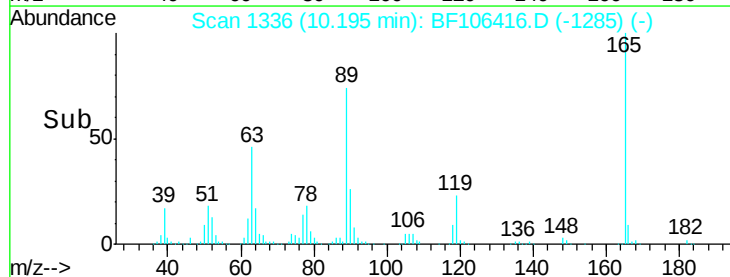
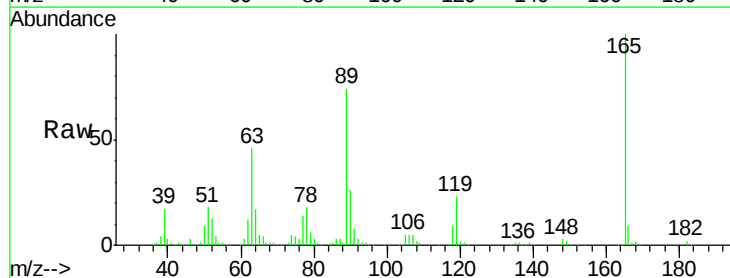
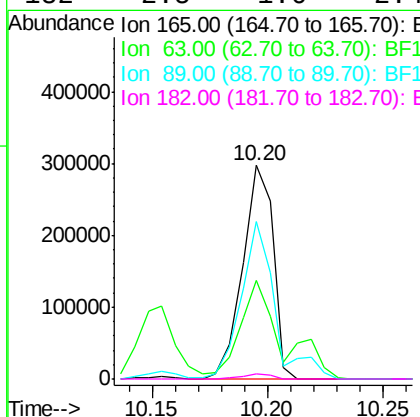
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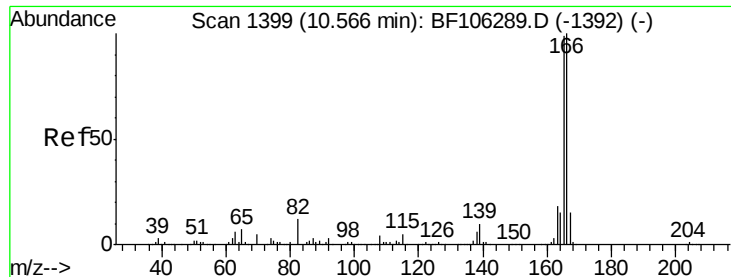
Sohil
6/14/2018 2:51:43 PM



#56
2,4-Dinitrotoluene
Concen: 56.214 ng
RT: 10.20 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	275660		
63	46.0	36.4	54.6	
89	73.8	57.8	86.6	
182	2.5	1.6	2.4	#





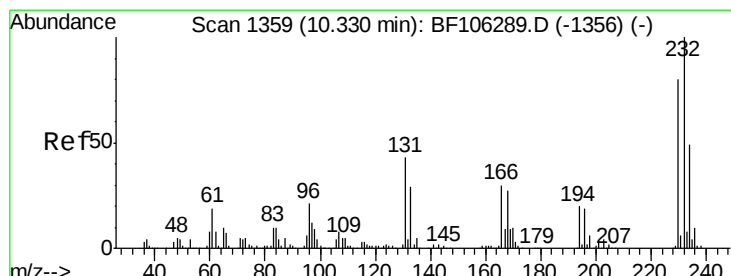
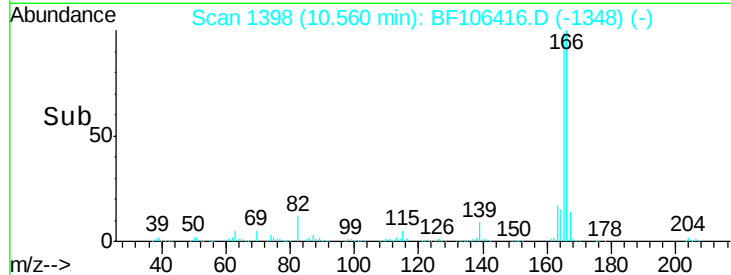
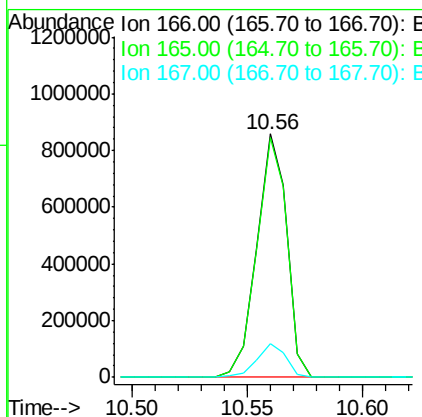
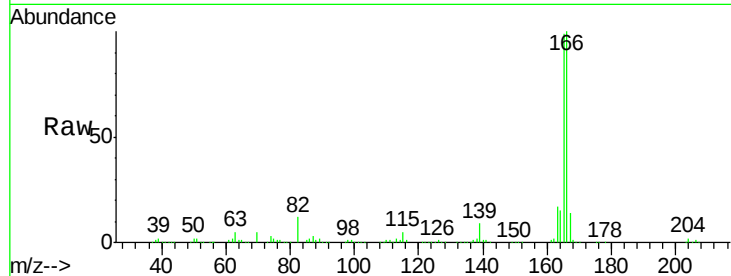
#57
Fluorene
 Concen: 44.434 ng
 RT: 10.56 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF106416.D
 Acq: 14 Jun 2018 3:02

Instrument :
 BNA_F
 ClientSampleId :
 PB110157BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100		777225		
165	98.6		79.8	119.8	
167	14.0		10.6	16.0	

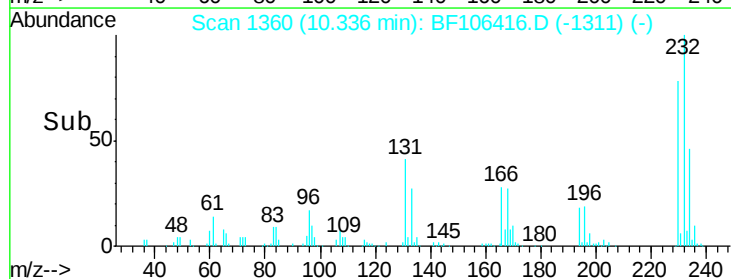
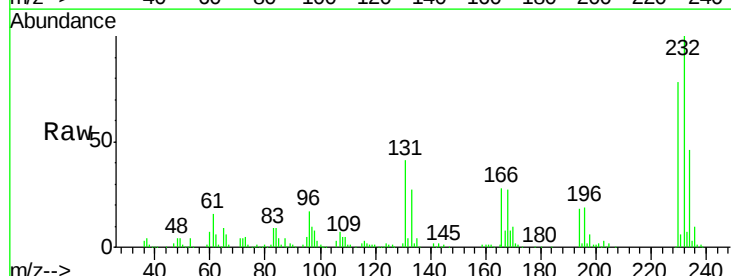
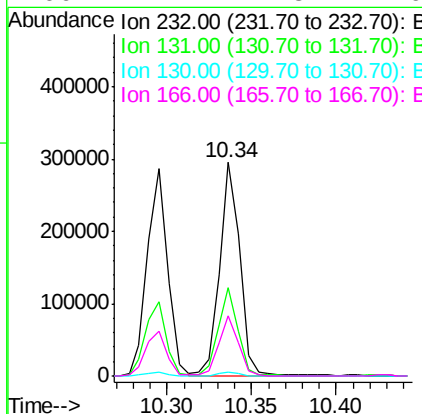
Manual Integrations
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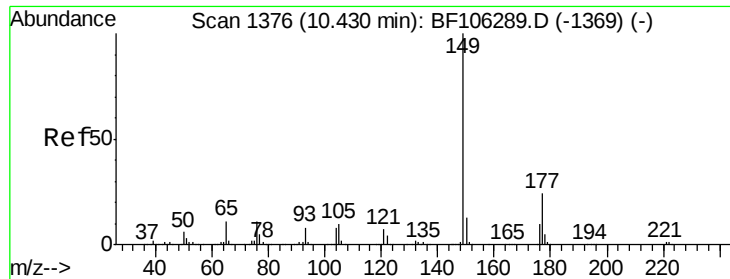
Sohil
 6/14/2018 2:51:43 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 51.957 ng
 RT: 10.34 min Scan# 1360
 Delta R.T. -0.01 min
 Lab File: BF106416.D
 Acq: 14 Jun 2018 3:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
232	100		245749		
131	40.7		43.8	65.8#	
130	2.0		2.1	3.1#	
166	27.7		27.8	41.6#	





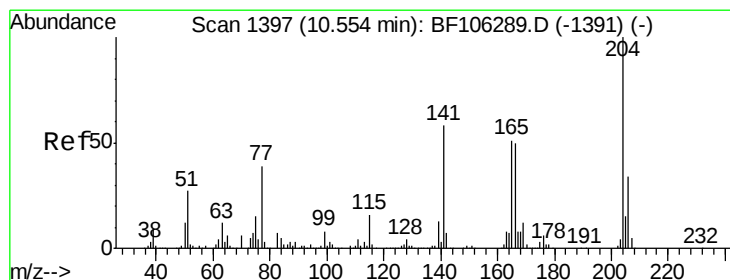
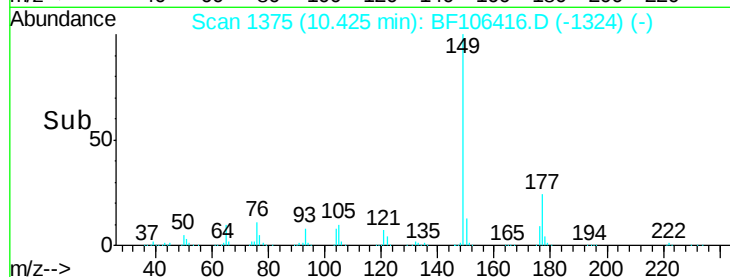
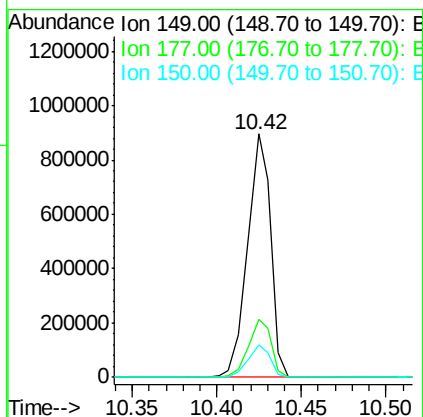
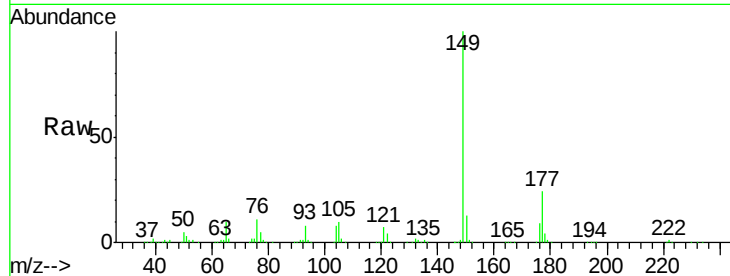
#59
Diethylphthalate
Concen: 45.207 ng
RT: 10.42 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Instrument :
BNA_F
ClientSampleId :
PB110157BSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.8	16.1	24.1
150	13.1	10.1	15.1

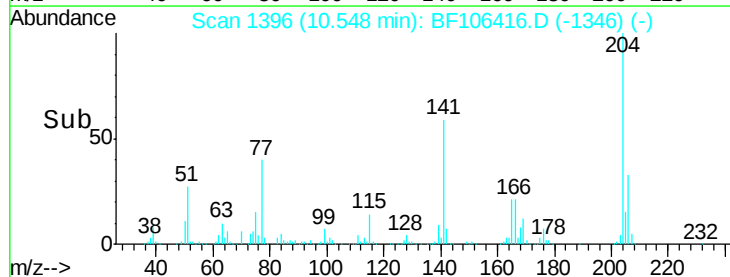
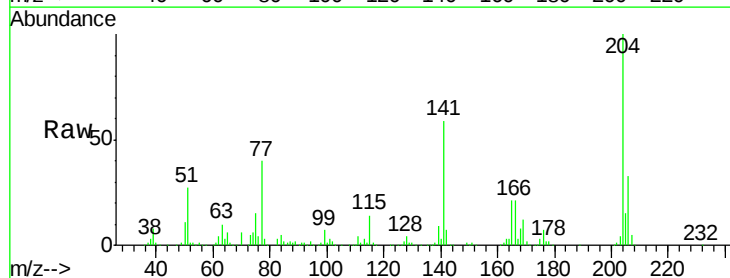
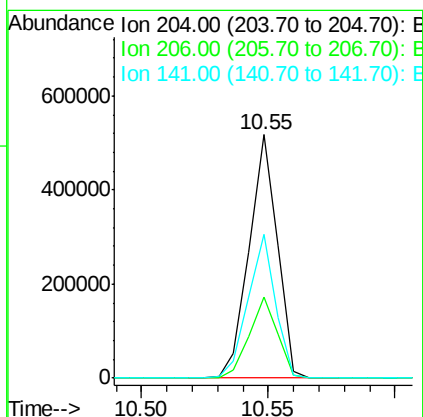
Manual Integrations
APPROVED

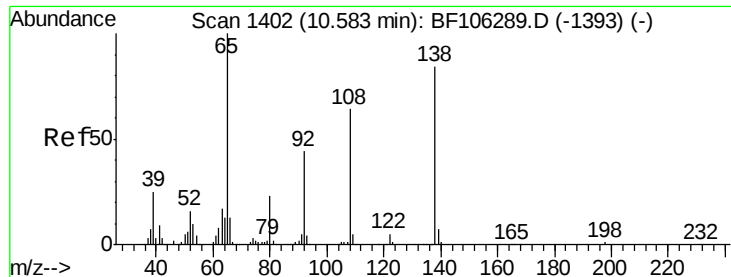
Sohil
6/14/2018 2:51:43 PM



#60
4-Chlorophenyl-phenylether
Concen: 43.642 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.5	39.7
141	59.1	54.6	81.8





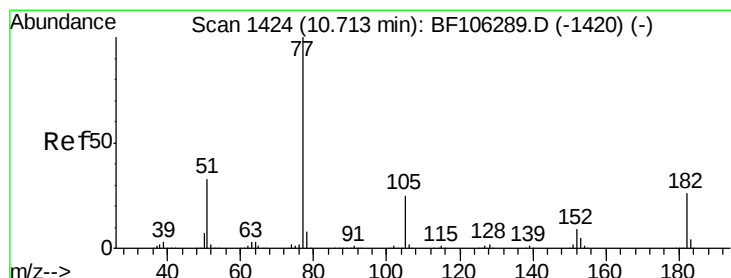
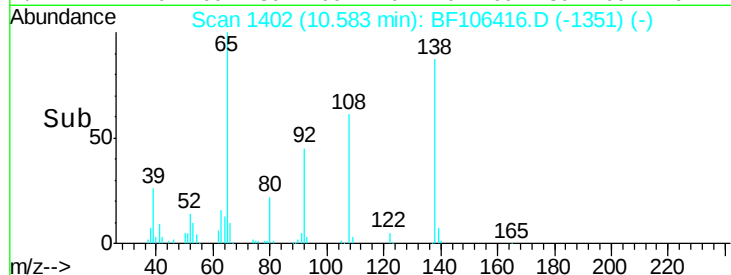
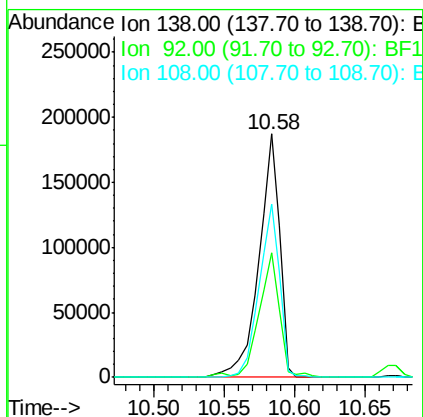
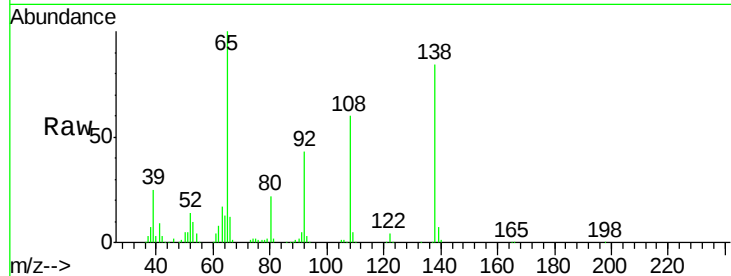
#61
4-Nitroaniline
Concen: 43.463 ng
RT: 10.58 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Instrument :
BNA_F
ClientSampled :
PB110157BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.2	30.2	70.2
108	71.2	52.5	92.5

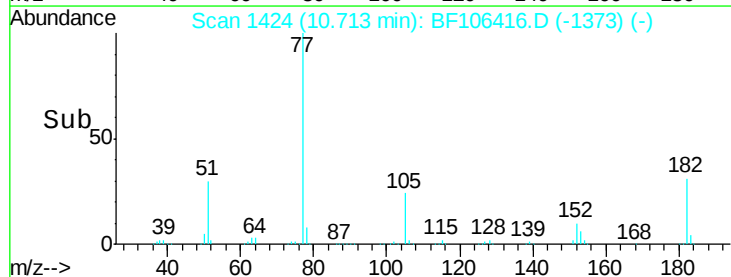
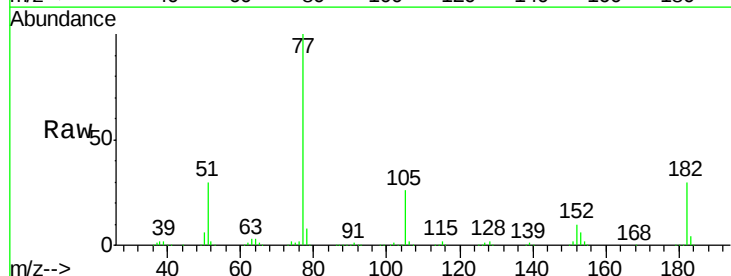
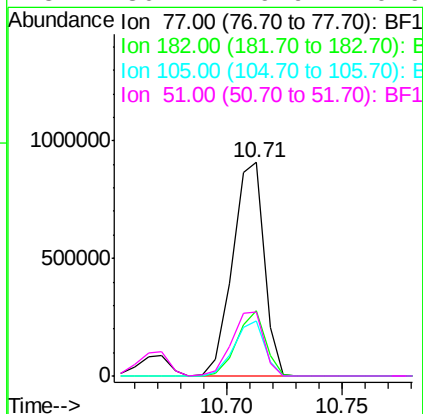
Manual Integrations
APPROVED

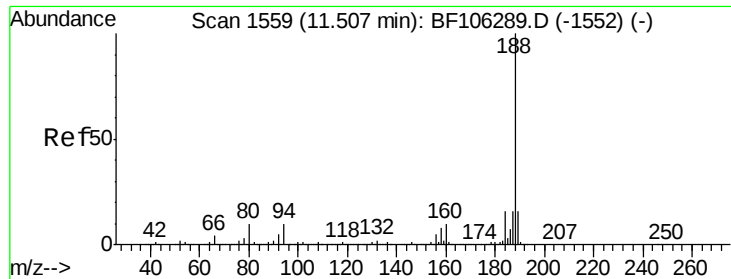
Sohil
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#62
Azobenzene
Concen: 43.879 ng
RT: 10.71 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Tgt Ion	Ratio	Lower	Upper
77	100		
182	30.5	1.7	41.7
105	25.9	3.0	43.0
51	30.2	9.9	49.9





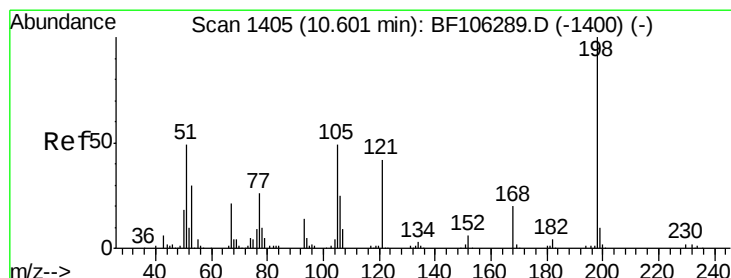
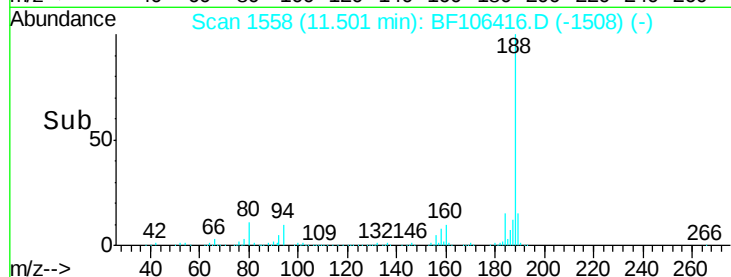
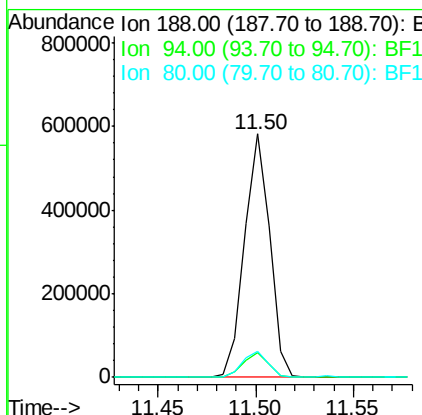
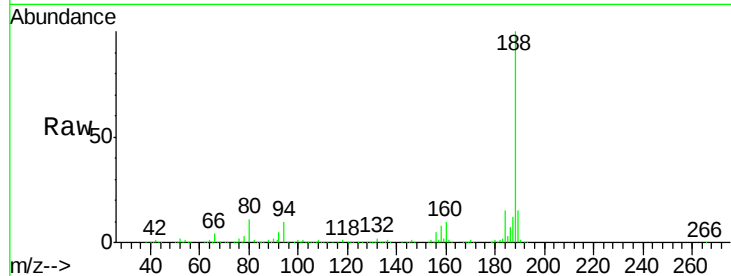
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Instrument :
BNA_F
ClientSampleId :
PB110157BSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	523976		
94	10.2		8.5	12.7
80	10.8		9.2	13.8

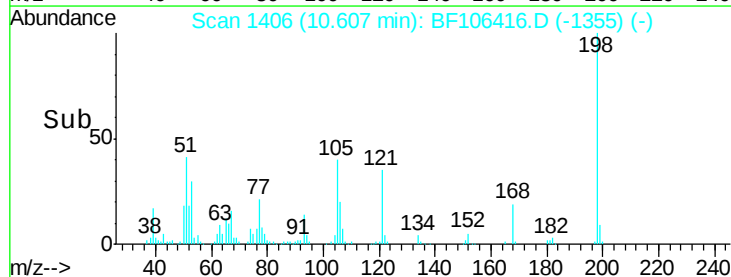
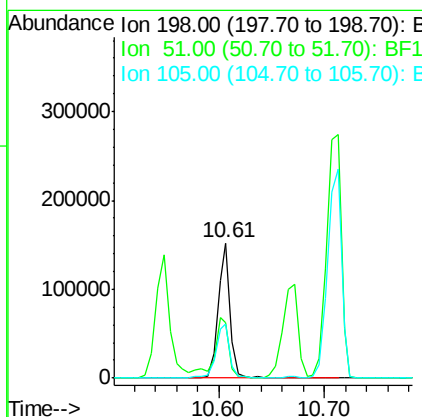
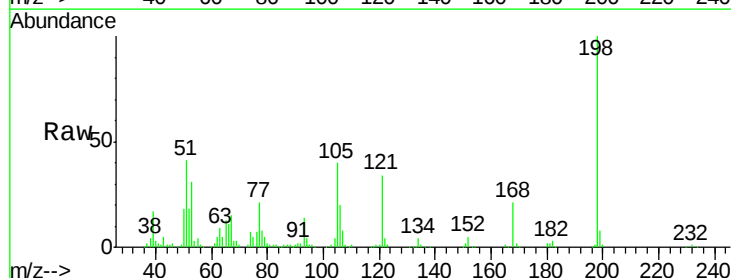
Manual Integrations
APPROVED

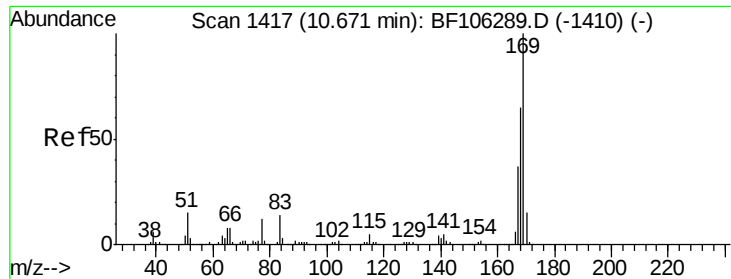
Sohil
6/14/2018 2:51:43 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 44.222 ng
RT: 10.61 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	123385		
51	40.8		37.7	77.7
105	40.1		36.3	76.3





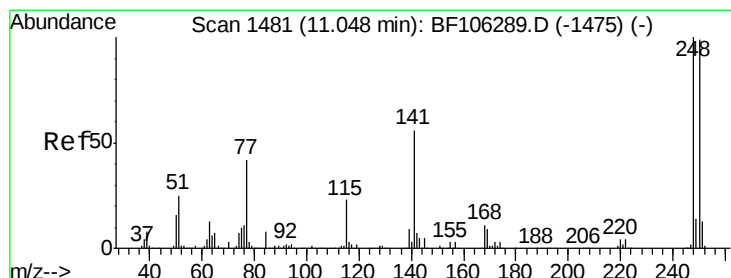
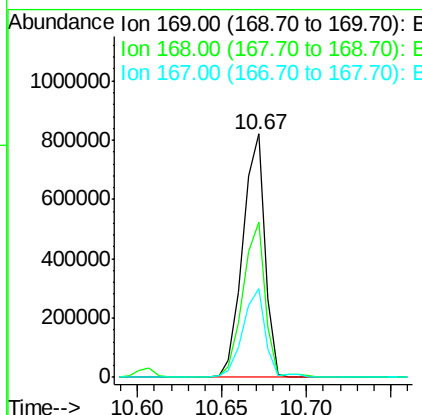
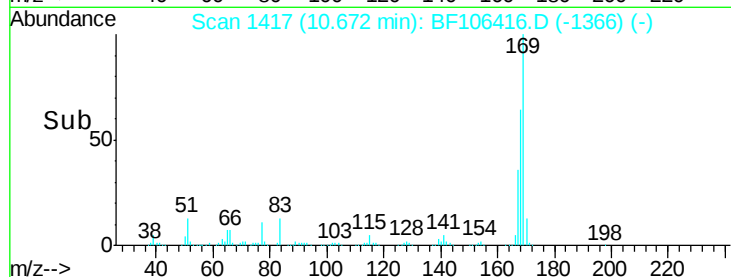
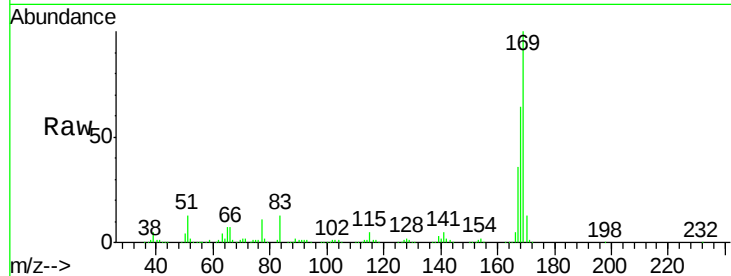
#65
n-Nitrosodiphenylamine
Concen: 42.832 ng
RT: 10.67 min Scan# 1417
Delta R.T. -0.00 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Instrument :
BNA_F
ClientSampleId :
PB110157BSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	63.7	54.4	81.6
167	36.5	29.8	44.6

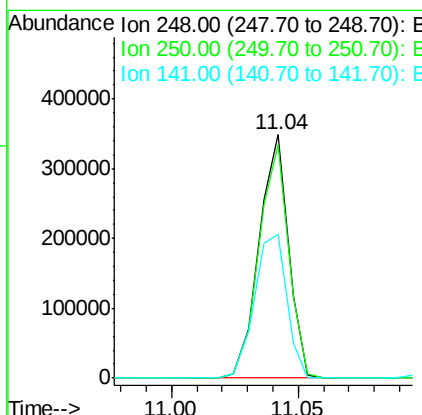
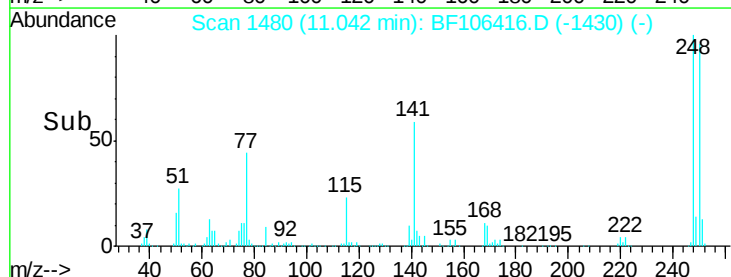
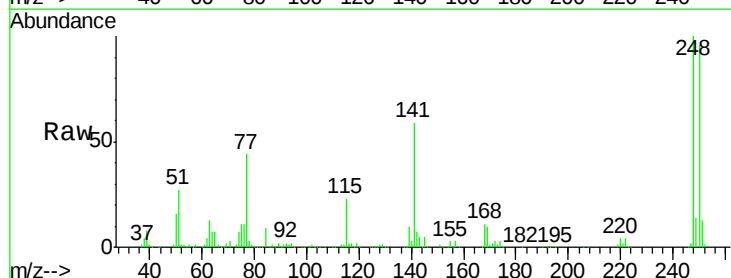
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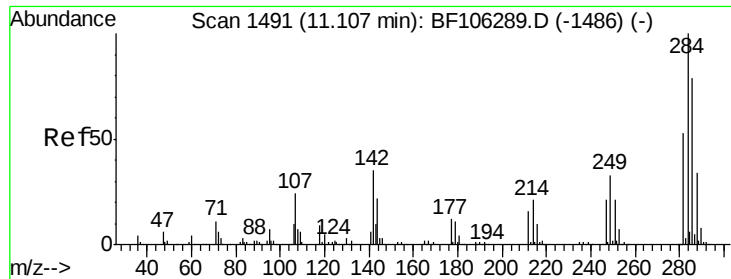
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 47.541 ng
RT: 11.04 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.8	76.9	115.3
141	59.2	74.4	111.6#





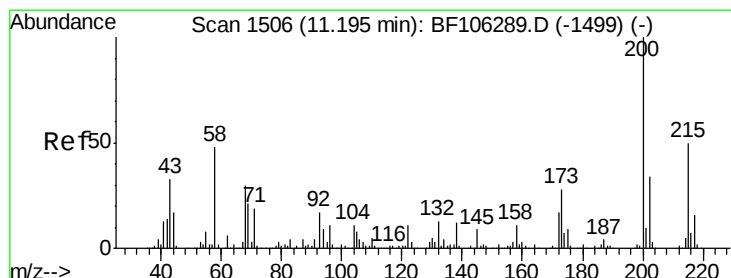
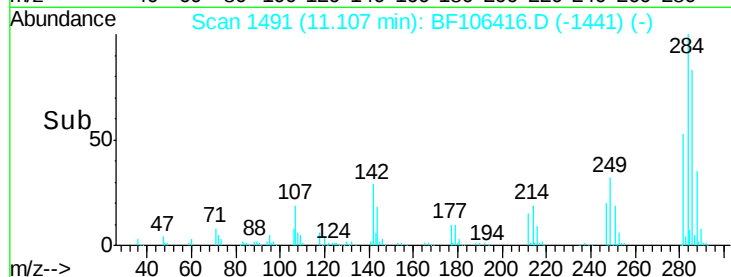
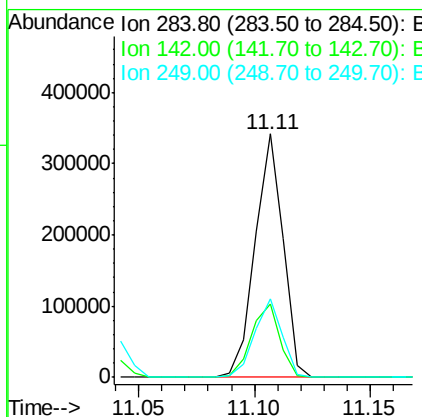
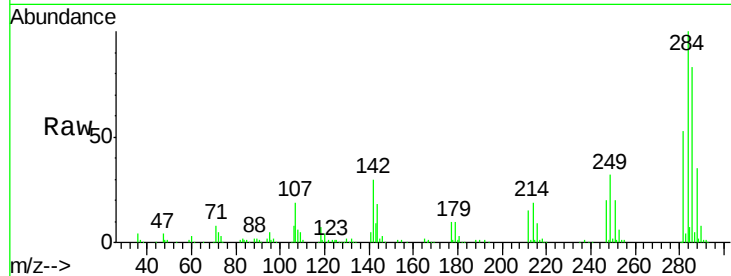
#67
Hexachlorobenzene
Concen: 46.995 ng
RT: 11.11 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Instrument :
BNA_F
ClientSampleId :
PB110157BSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	288740		
142	30.0		34.6	52.0#
249	32.0		24.8	37.2

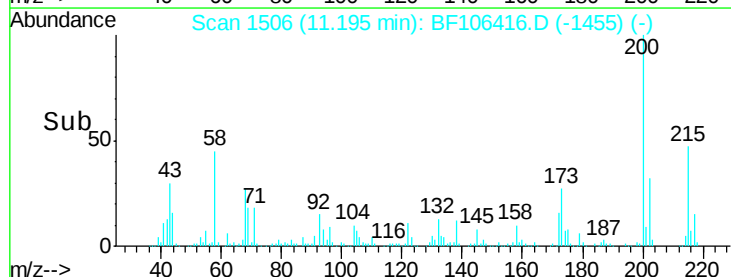
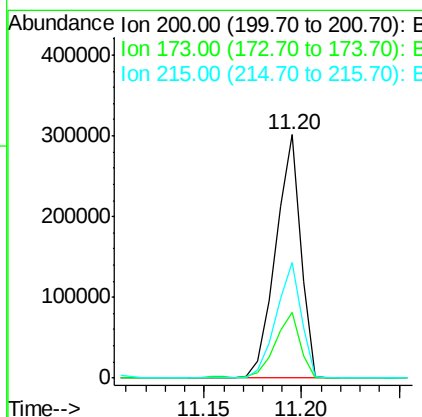
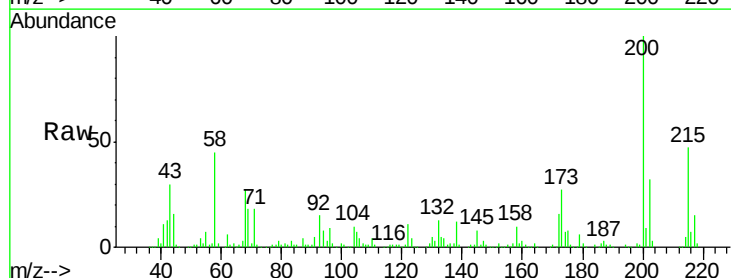
Manual Integrations
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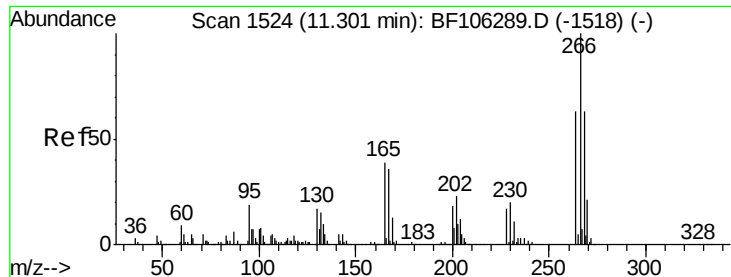
Sohil
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#68
Atrazine
Concen: 49.310 ng
RT: 11.20 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	267603		
173	27.0		8.6	48.6
215	47.3		25.1	65.1





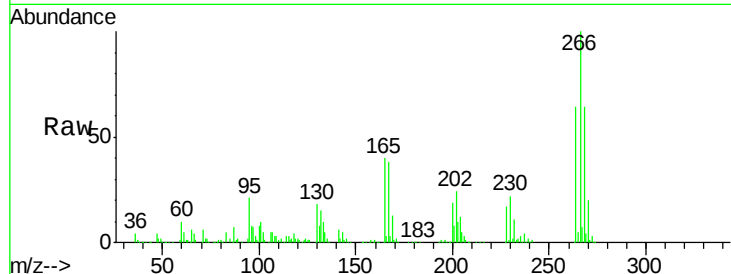
#69
 Pentachlorophenol
 Concen: 69.299 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. -0.01 min
 Lab File: BF106416.D
 Acq: 14 Jun 2018 3:02

Instrument :
 BNA_F
 ClientSampleId :
 PB110157BSD

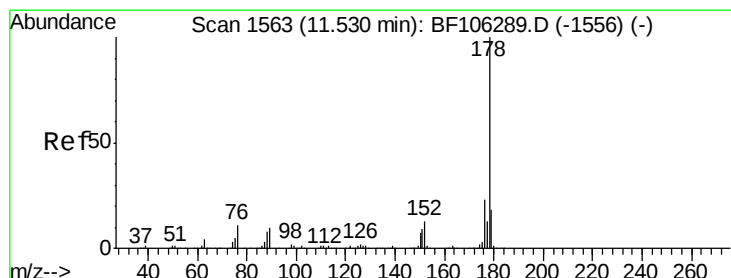
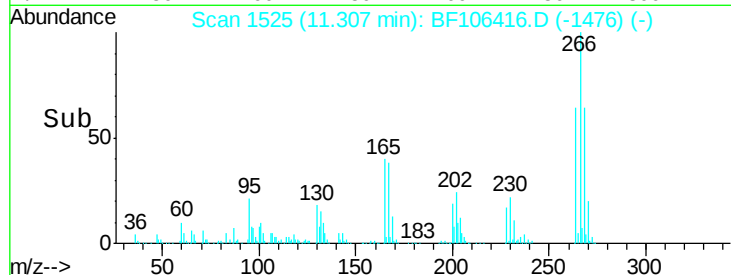
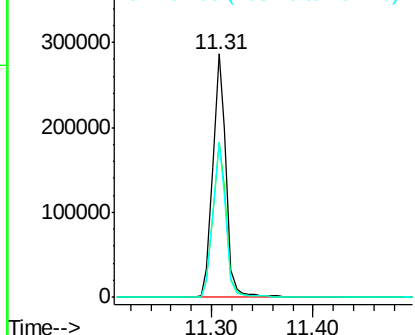
Tot Ion	Ratio	Resp	Lower	Upper
266	100	262138		
268	63.8	51.1	76.7	
264	63.6	49.5	74.3	

Manual Integrations
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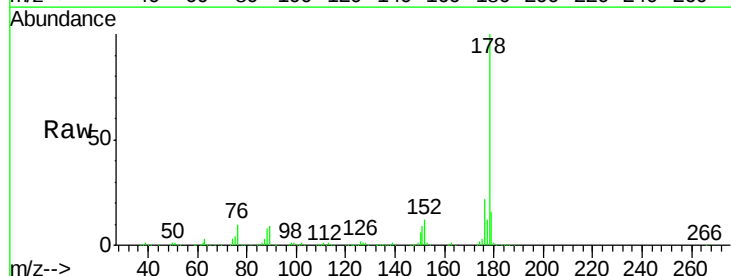


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

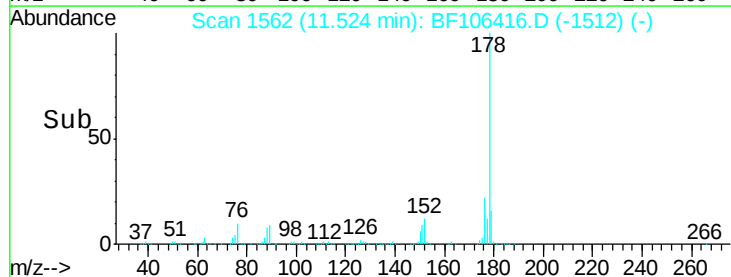
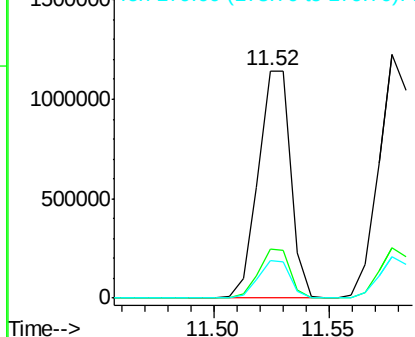


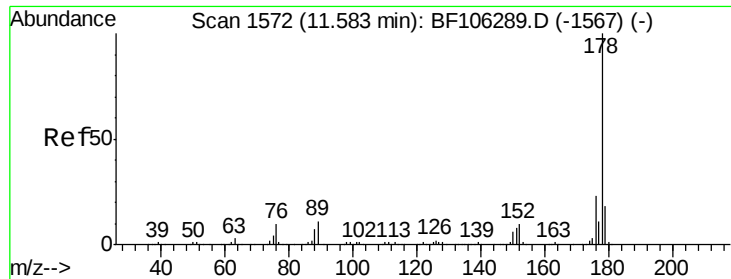
#70
 Phenanthrene
 Concen: 43.883 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. -0.01 min
 Lab File: BF106416.D
 Acq: 14 Jun 2018 3:02

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1126090		
176	21.6	15.8	23.8	
179	16.5	13.0	19.6	



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





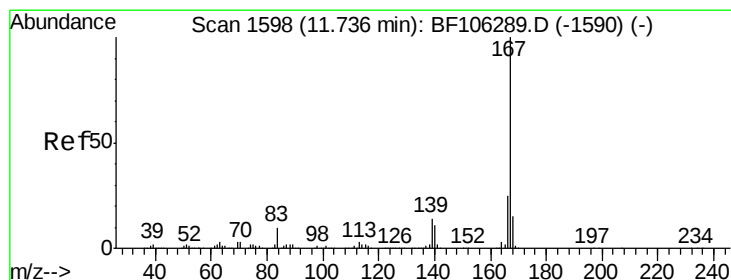
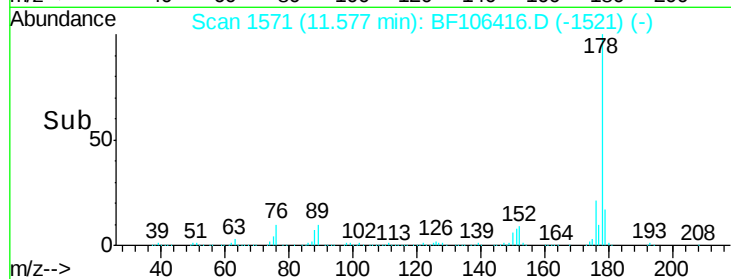
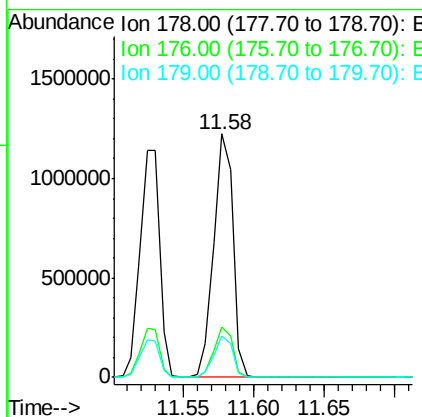
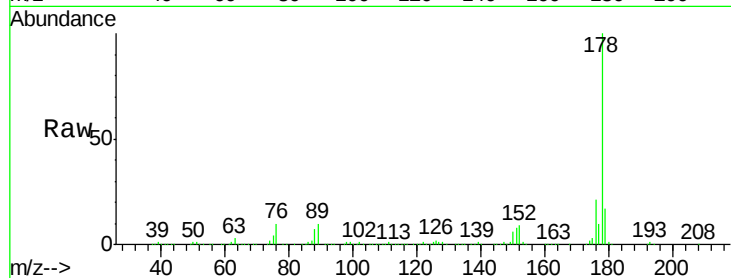
#71
 Anthracene
 Concen: 45.096 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF106416.D
 Acq: 14 Jun 2018 3:02

Instrument :
 BNA_F
 ClientSampleId :
 PB110157BSD

Tot Ion:178 Resp: 1159318
 Ion Ratio Lower Upper
 178 100
 176 20.7 15.4 23.2
 179 16.9 12.6 19.0

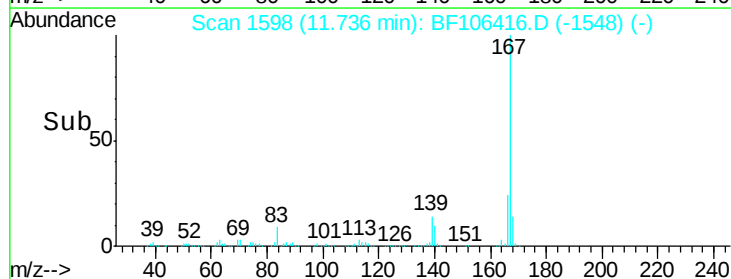
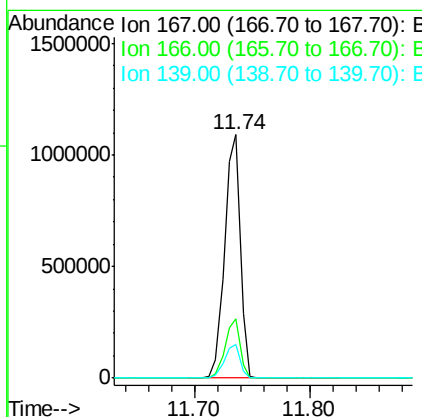
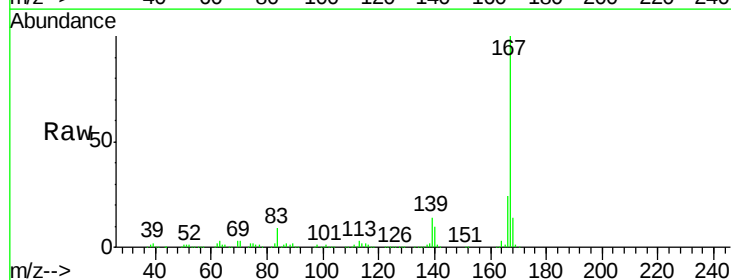
Manual Integrations
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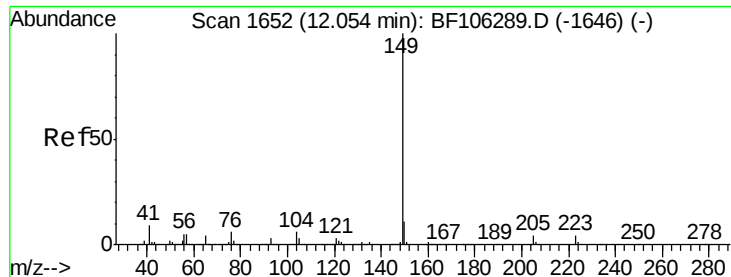
Sohil
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#72
 Carbazole
 Concen: 43.267 ng
 RT: 11.74 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF106416.D
 Acq: 14 Jun 2018 3:02

Tgt Ion:167 Resp: 1026890
 Ion Ratio Lower Upper
 167 100
 166 24.1 17.6 26.4
 139 13.8 10.9 16.3





#73

Di-n-butylphthalate

Concen: 48.342 ng

RT: 12.05 min Scan# 1652

Delta R.T. -0.01 min

Lab File: BF106416.D

Acq: 14 Jun 2018 3:02

Instrument :

BNA_F

ClientSampleId :

PB110157BSD

Tot Ion:149 Resp: 1276943

Ion Ratio Lower Upper

149 100

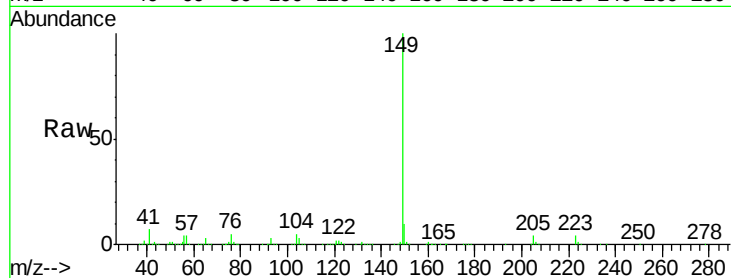
150 10.1 7.8 11.6

104 5.2 3.8 5.8

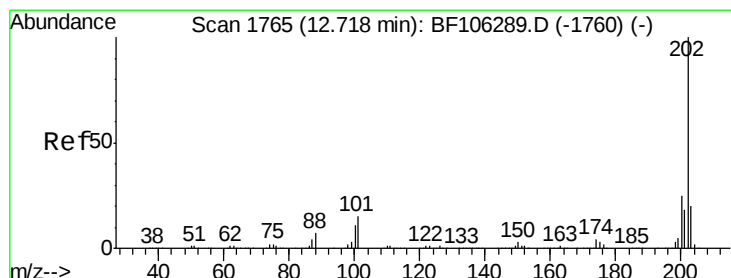
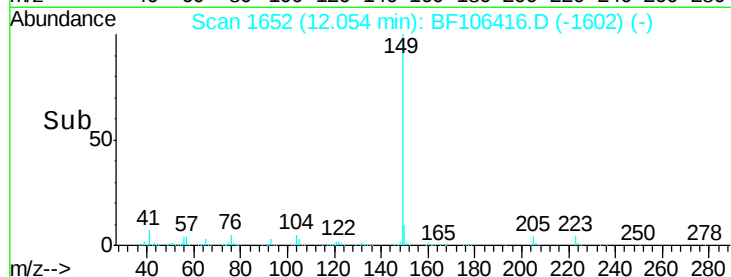
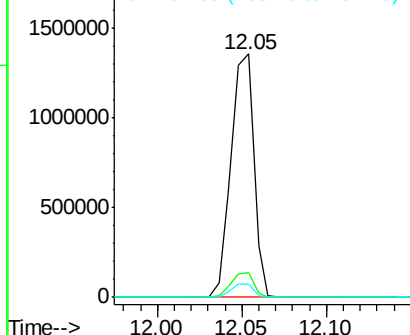
Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.596 ng

RT: 12.72 min Scan# 1765

Delta R.T. -0.01 min

Lab File: BF106416.D

Acq: 14 Jun 2018 3:02

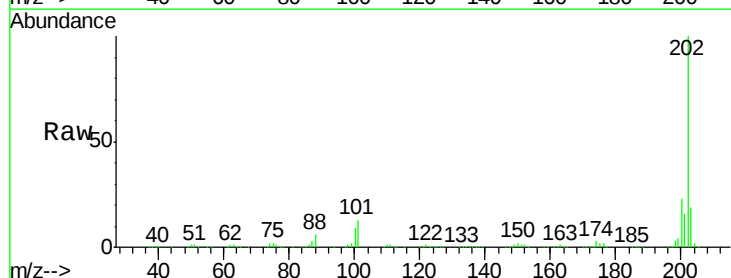
Tgt Ion:202 Resp: 1110970

Ion Ratio Lower Upper

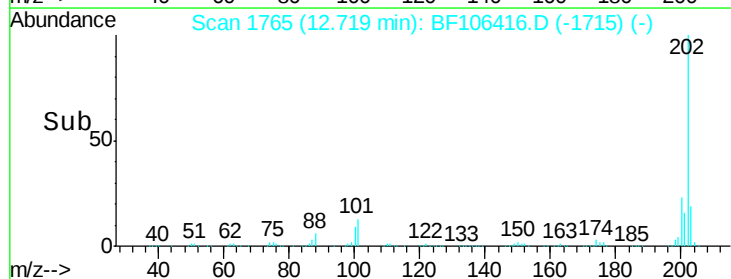
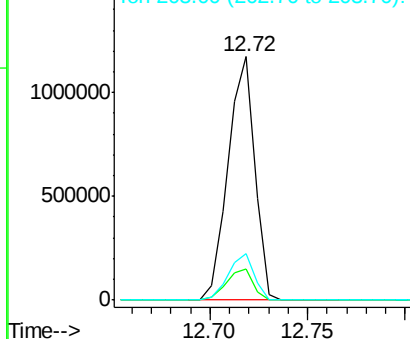
202 100

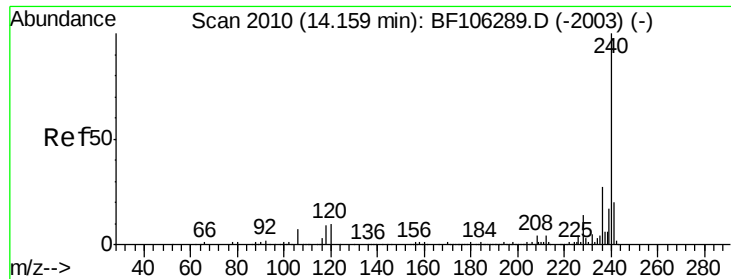
101 12.6 0.0 34.1

203 18.9 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106416.D

Acq: 14 Jun 2018 3:02

Instrument :

BNA_F

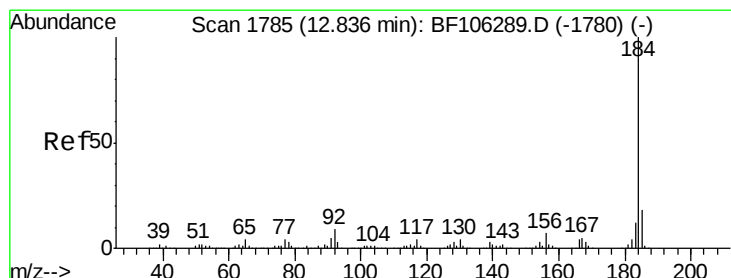
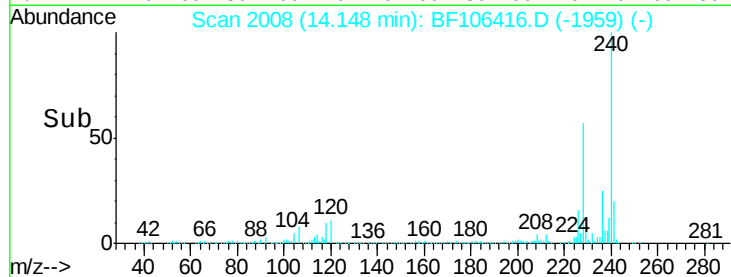
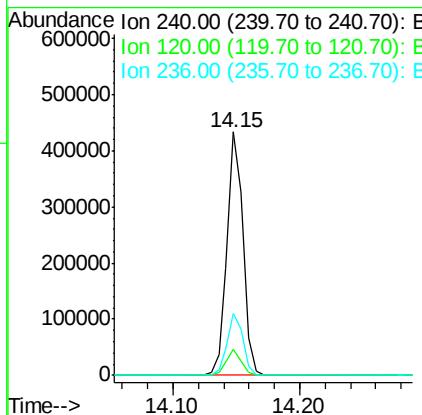
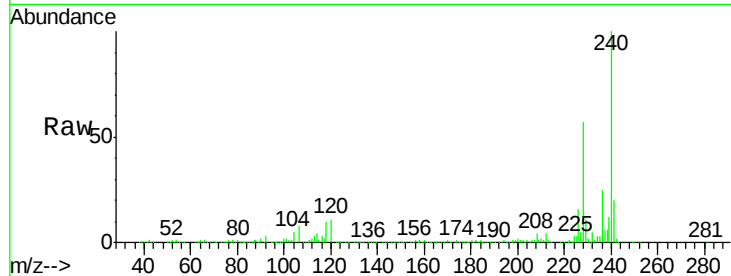
ClientSampleId :

PB110157BSD

Tot Ion:	240	Resp:	378774
Ion Ratio	Lower	Upper	
240	100		
120	10.7	9.5	14.3
236	25.2	20.7	31.1

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#76

Benzidine

Concen: 45.305 ng

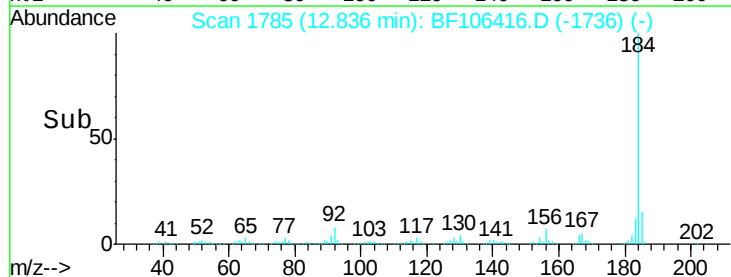
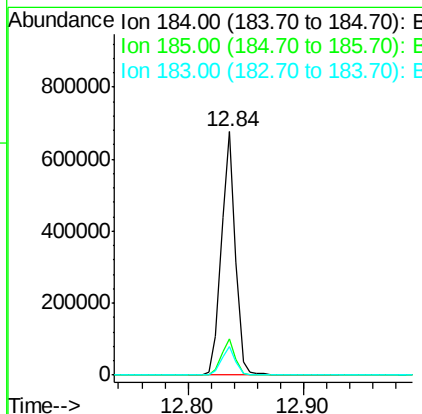
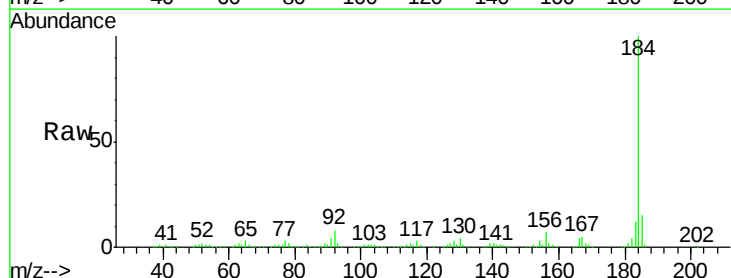
RT: 12.84 min Scan# 1785

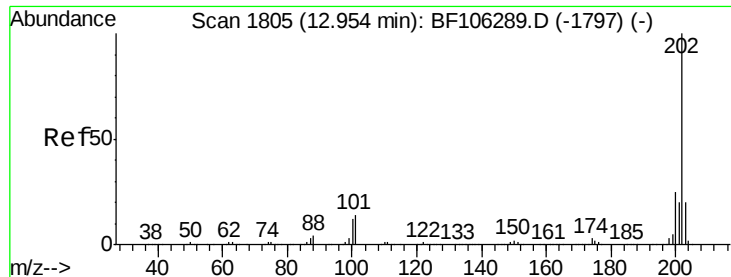
Delta R.T. -0.01 min

Lab File: BF106416.D

Acq: 14 Jun 2018 3:02

Tgt Ion:	184	Resp:	571125
Ion Ratio	Lower	Upper	
184	100		
185	15.2	12.6	18.8
183	11.7	9.3	13.9





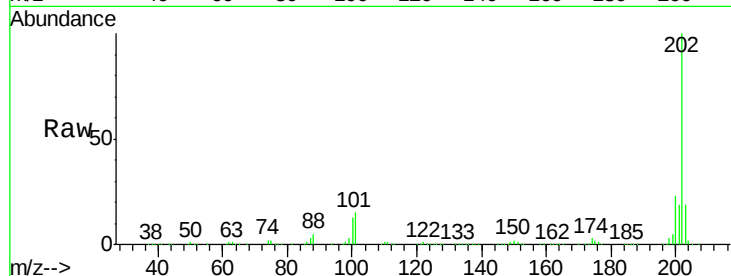
#77
Pvrene
Concen: 46.044 ng
RT: 12.95 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Instrument :
BNA_F
ClientSampleId :
PB110157BSD

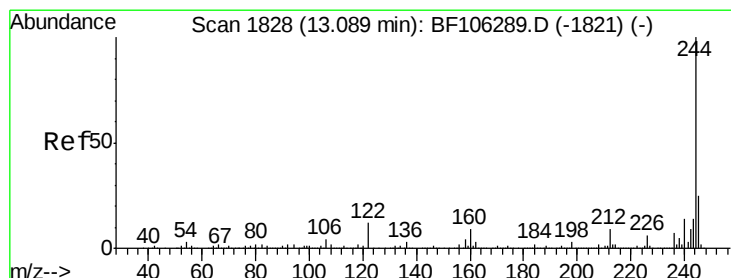
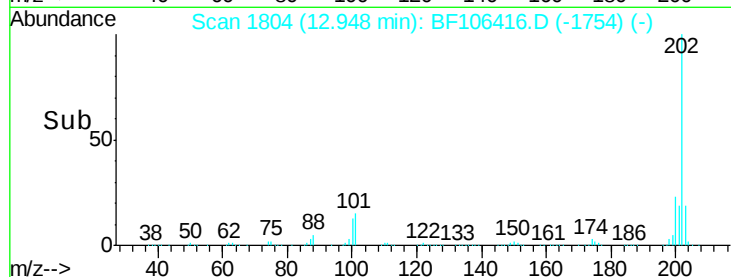
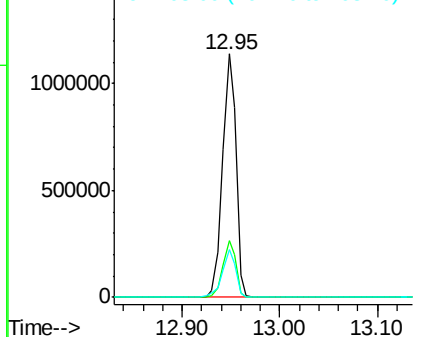
Tot Ion	Ratio	Lower	Upper
202	100		
200	23.4	17.4	26.2
203	19.4	14.3	21.5

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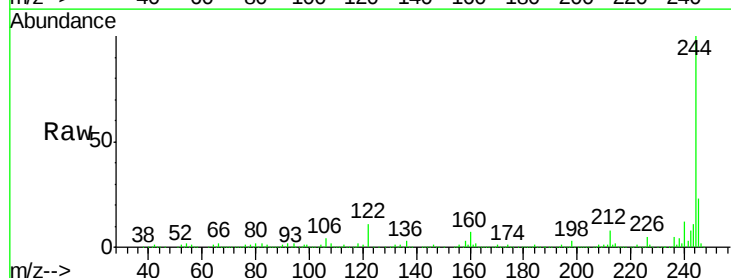


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

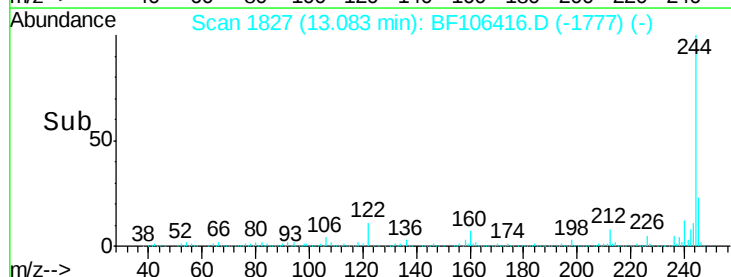
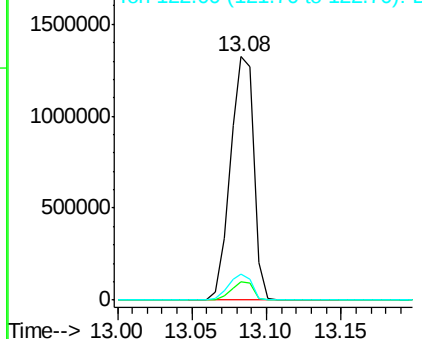


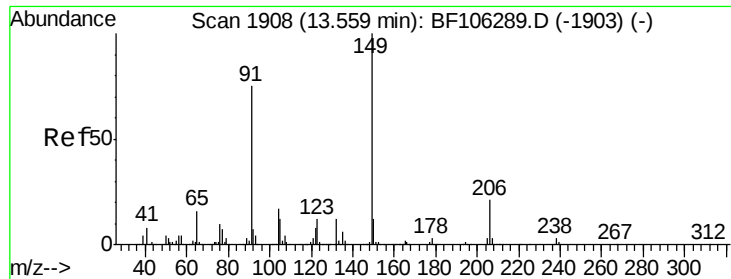
#78
Terphenyl-d14
Concen: 96.034 ng
RT: 13.08 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.4	8.0
122	10.9	11.0	16.4#



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





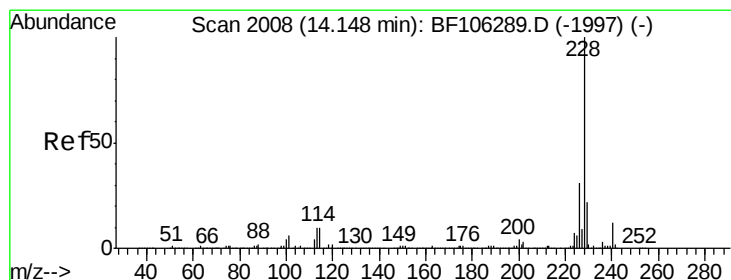
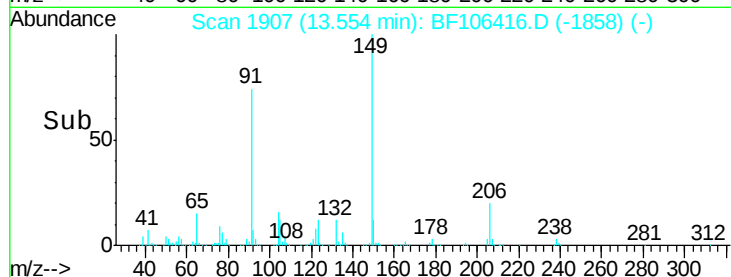
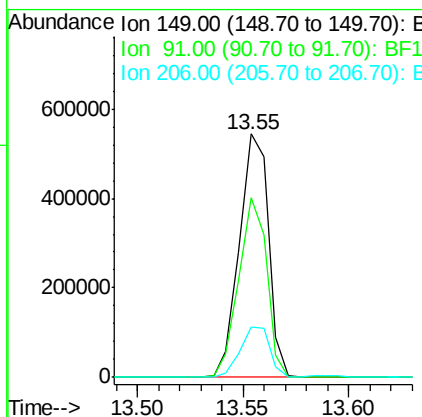
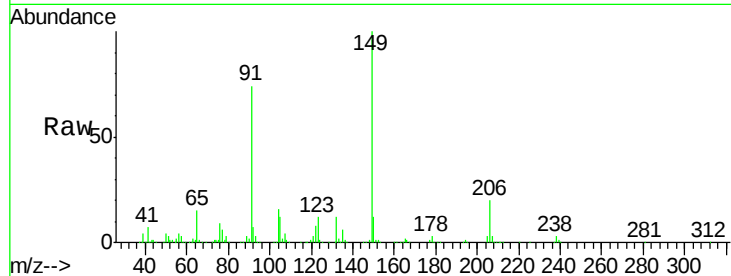
#79
Butylbenzylphthalate
Concen: 58.529 ng
RT: 13.55 min Scan# 1907
Delta R.T. -0.01 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Instrument :
BNA_F
ClientSampleId :
PB110157BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	519536		
91	73.7	56.8	85.2	
206	20.5	14.1	21.1	

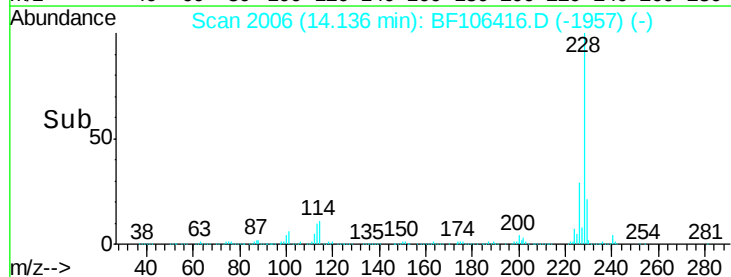
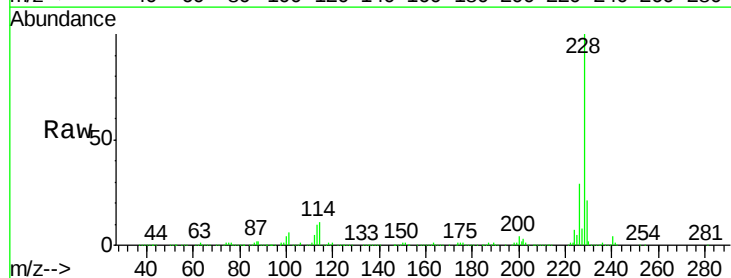
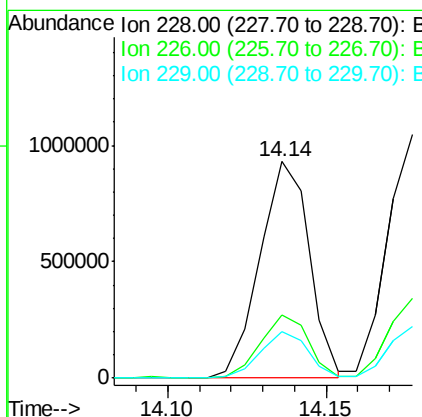
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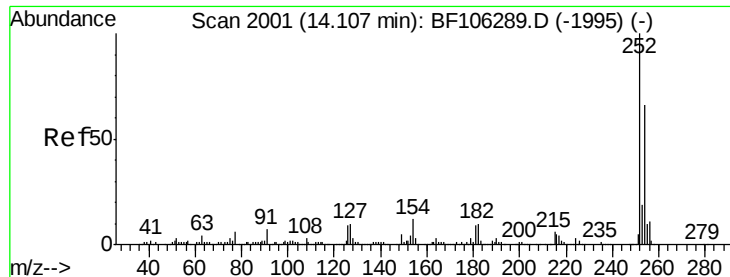
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#80
Benzo(a)anthracene
Concen: 44.762 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1008959		
226	29.2	22.6	33.8	
229	21.4	15.8	23.6	





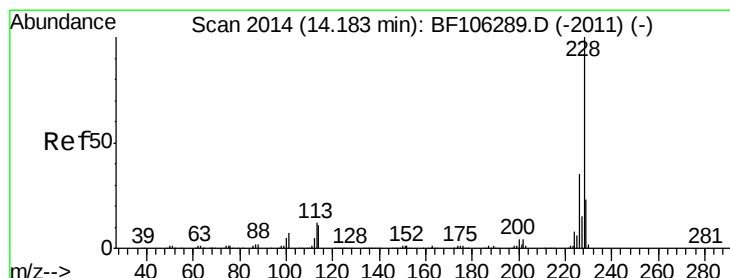
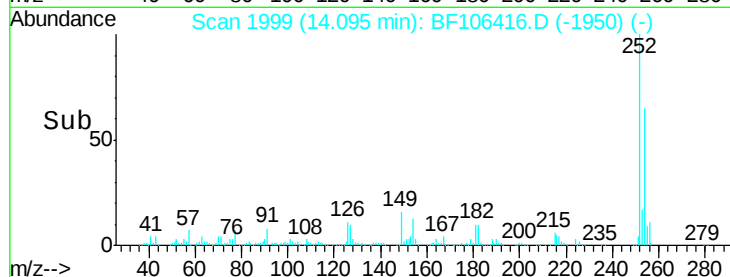
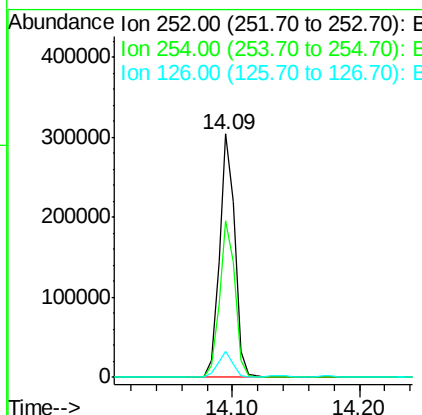
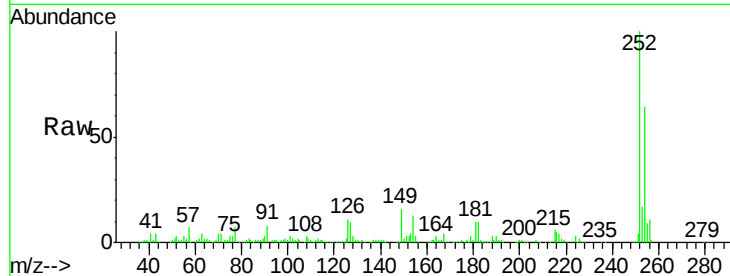
#81
 3,3'-Dichlorobenzidine
 Concen: 34.040 ng
 RT: 14.09 min Scan# 1999
 Delta R.T. -0.01 min
 Lab File: BF106416.D
 Acq: 14 Jun 2018 3:02

Instrument :
 BNA_F
 ClientSampleId :
 PB110157BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.4	50.4	75.6
126	10.8	11.3	16.9

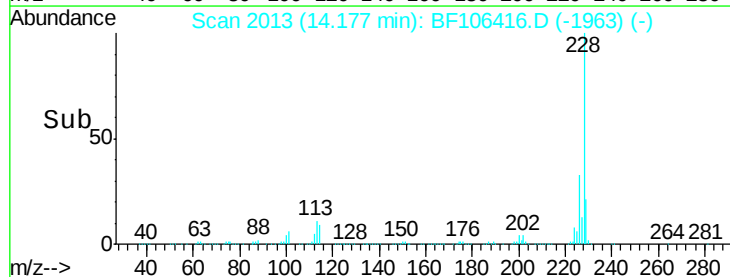
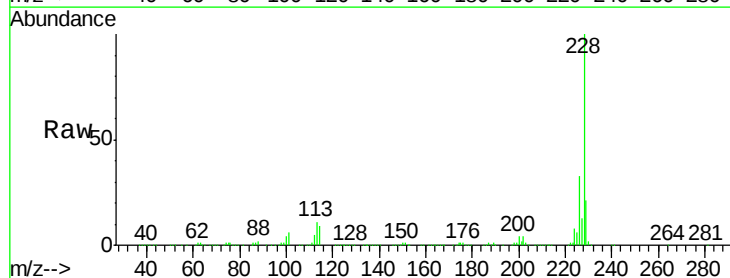
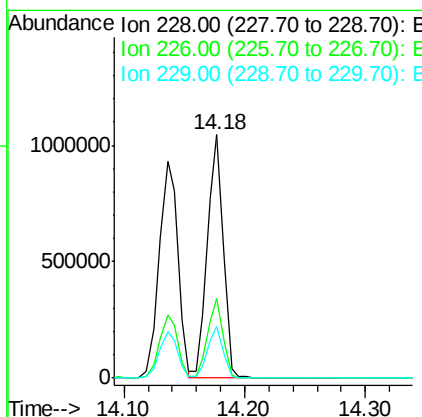
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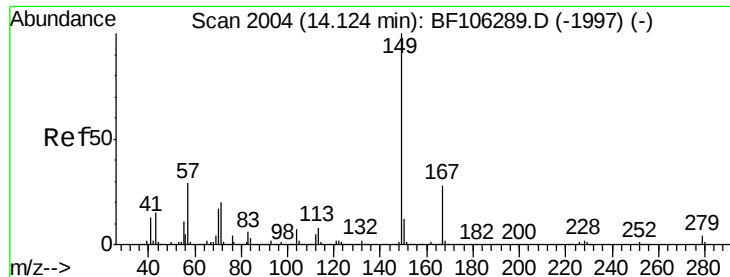
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#82
 Chrysene
 Concen: 46.184 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF106416.D
 Acq: 14 Jun 2018 3:02

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	32.7	25.0	37.6
229	21.1	16.2	24.4





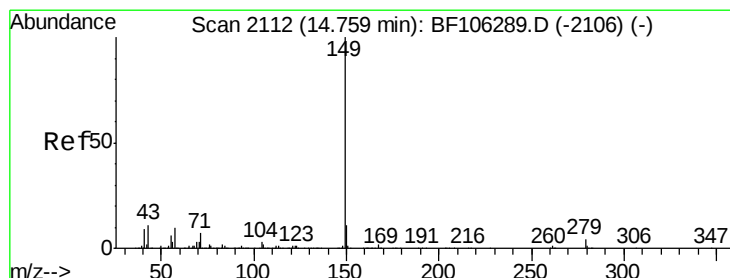
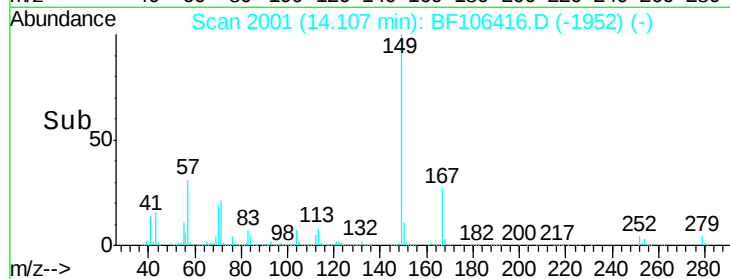
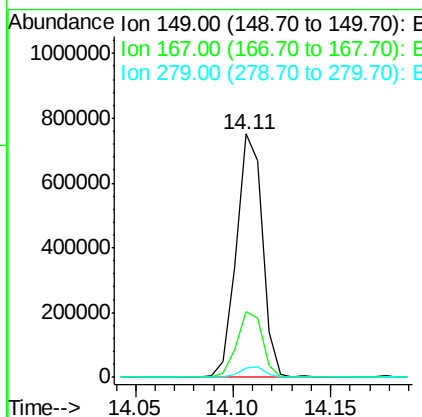
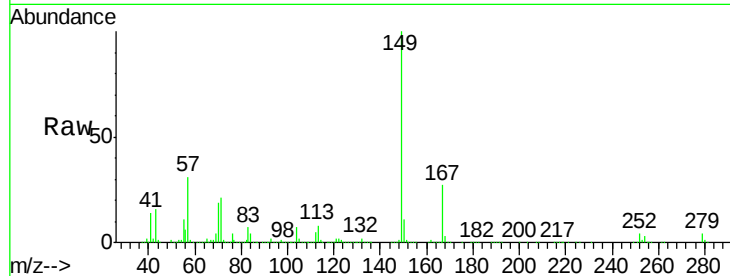
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 54.605 ng
 RT: 14.11 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF106416.D
 Acq: 14 Jun 2018 3:02

Instrument :
 BNA_F
 ClientSampleId :
 PB110157BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.3	31.9
279	3.7	3.0	4.4

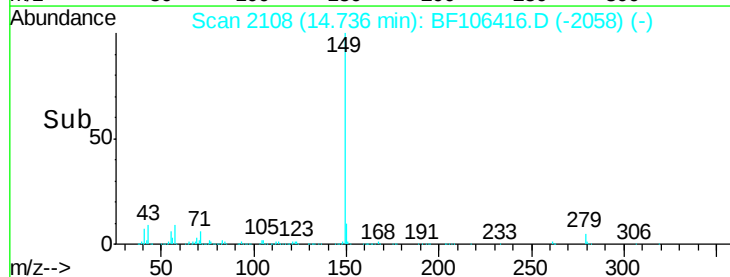
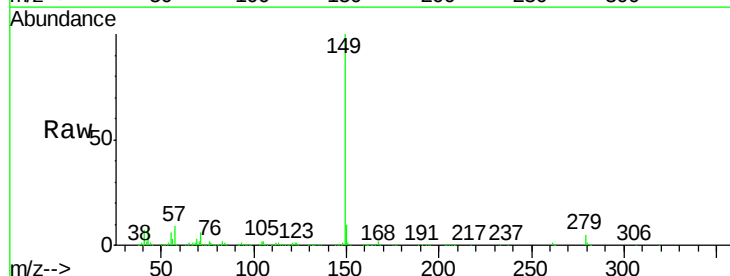
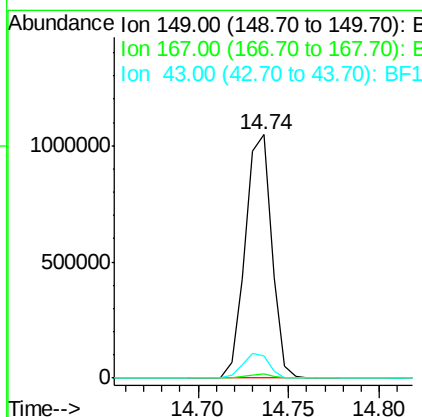
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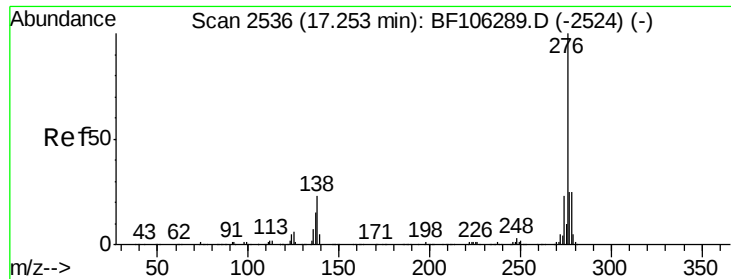
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#84
 Di-n-octyl phthalate
 Concen: 58.097 ng
 RT: 14.74 min Scan# 2108
 Delta R.T. -0.01 min
 Lab File: BF106416.D
 Acq: 14 Jun 2018 3:02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.1	8.4	12.6





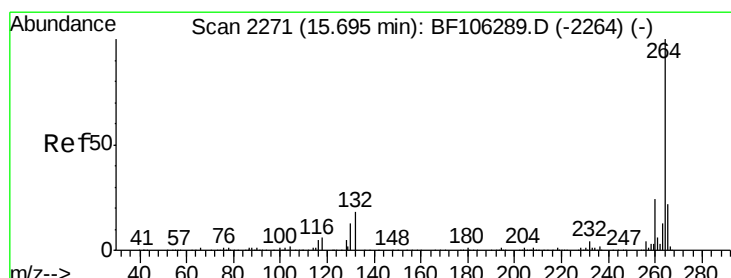
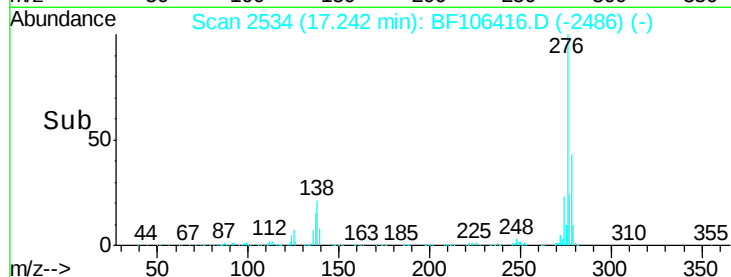
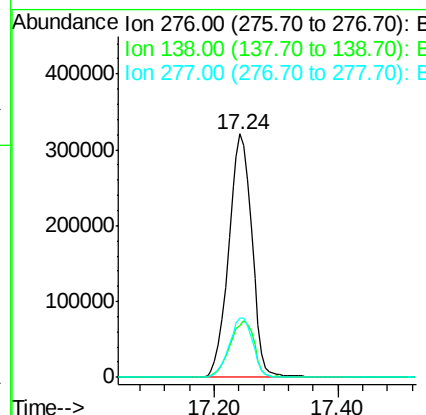
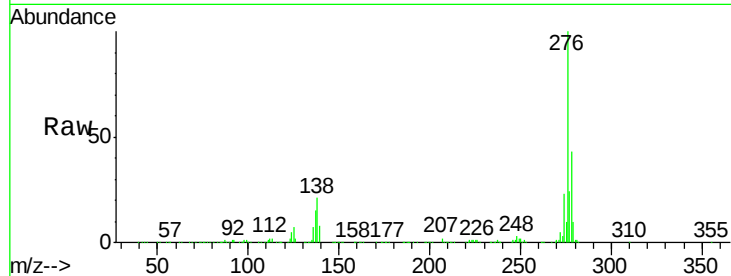
#85
Indeno(1,2,3-cd)pyrene
Concen: 51.052 ng
RT: 17.24 min Scan# 2534
Delta R.T. -0.02 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Instrument :
BNA_F
ClientSampleId :
PB110157BSD

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

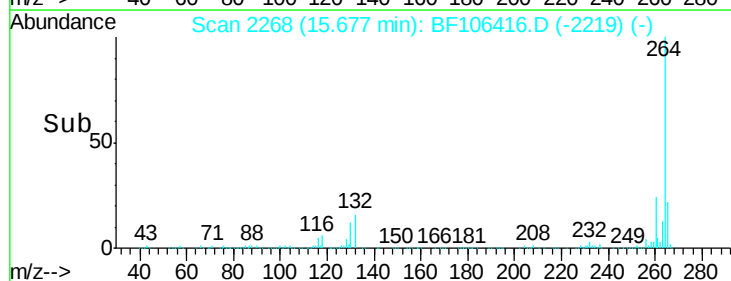
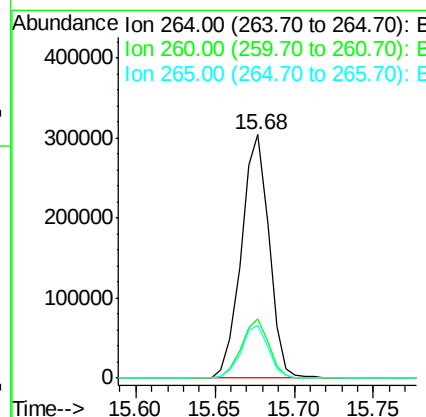
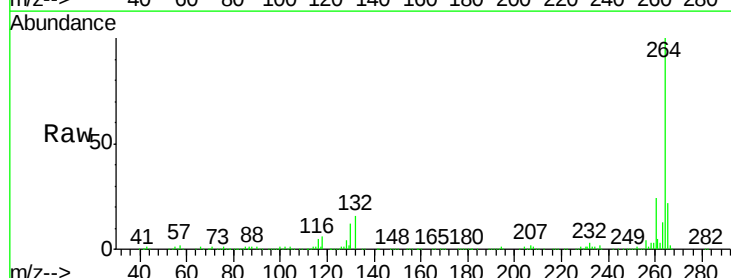
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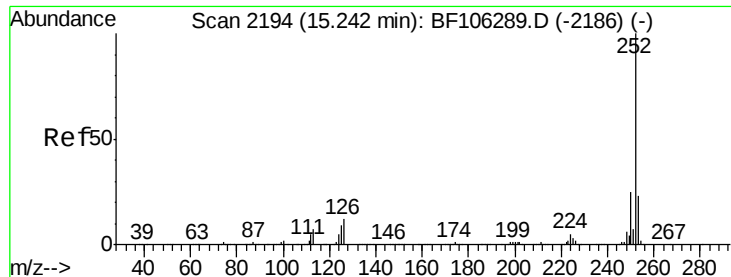
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.0	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 44.958 ng

RT: 15.22 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BF106416.D

Acq: 14 Jun 2018 3:02

Instrument :

BNA_F

ClientSampleId :

PB110157BSD

Tot Ion:252 Resp: 1003549

Ion Ratio Lower Upper

252 100

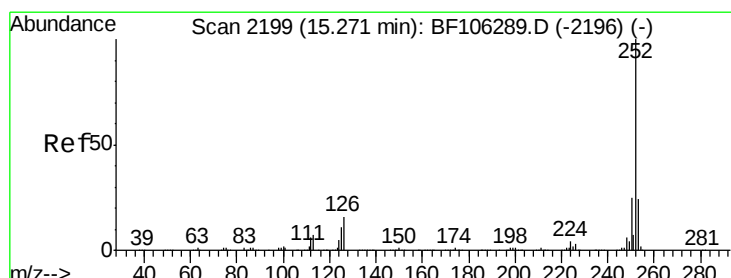
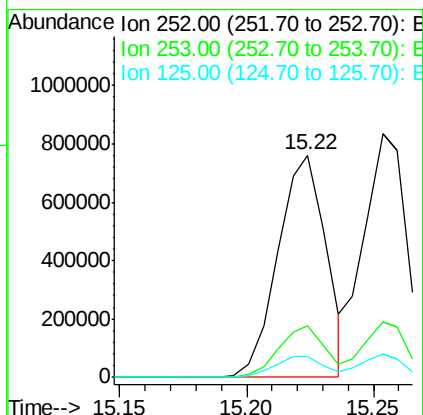
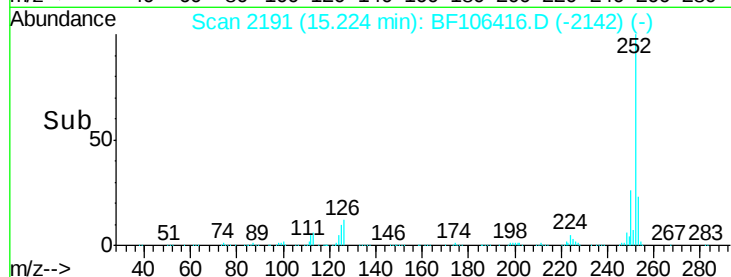
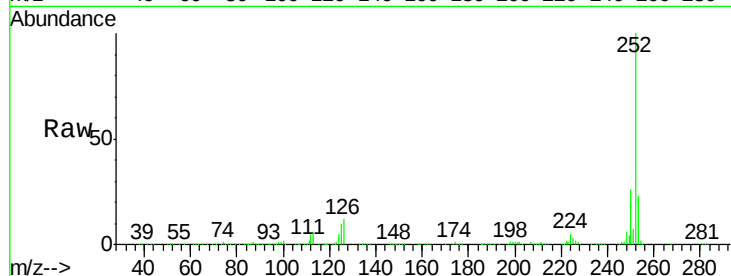
253 23.0 17.0 25.6

125 9.5 9.0 13.6

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#88

Benzo(k)fluoranthene

Concen: 44.977 ng

RT: 15.25 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BF106416.D

Acq: 14 Jun 2018 3:02

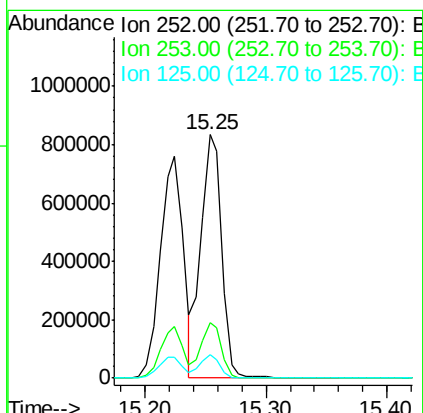
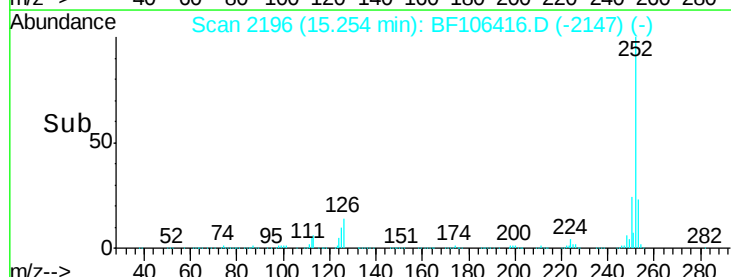
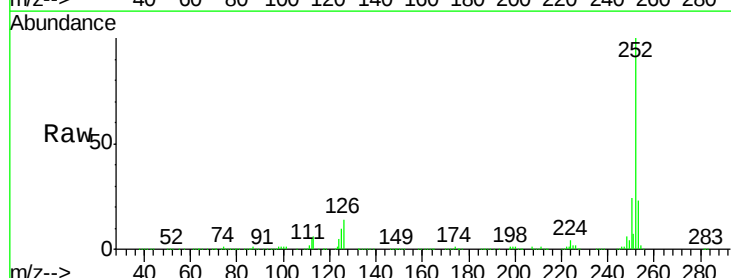
Tgt Ion:252 Resp: 994312

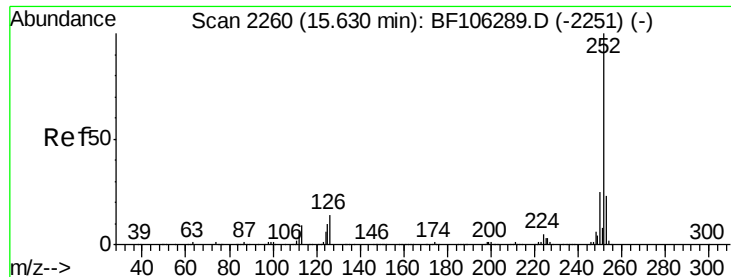
Ion Ratio Lower Upper

252 100

253 22.7 17.9 26.9

125 9.7 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 48.347 ng

RT: 15.61 min Scan# 2257

Delta R.T. -0.01 min

Lab File: BF106416.D

Acq: 14 Jun 2018 3:02

Instrument :

BNA_F

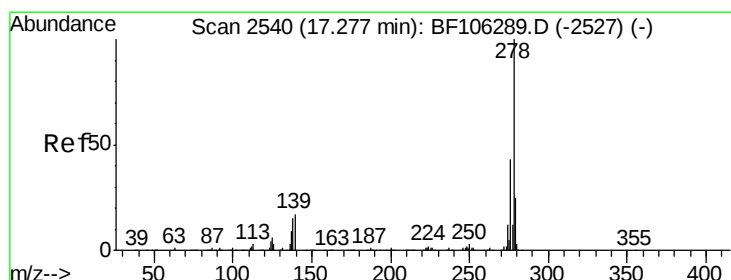
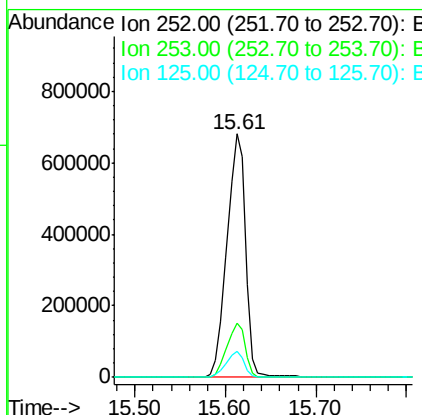
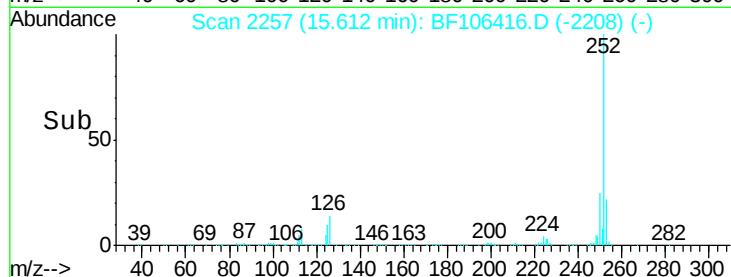
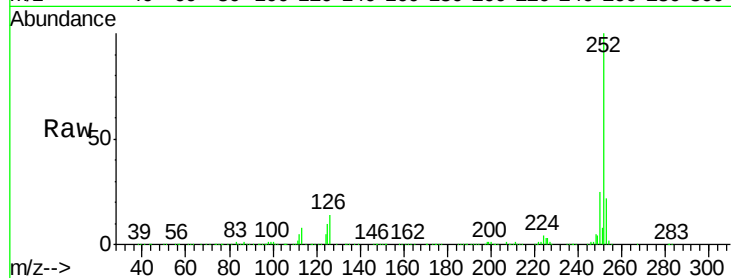
ClientSampleId :

PB110157BSD

Tot Ion:	252	Resp:	970700
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.1	25.7
125	10.5	9.8	14.6

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#90

Dibenzo(a,h)anthracene

Concen: 42.769 ng

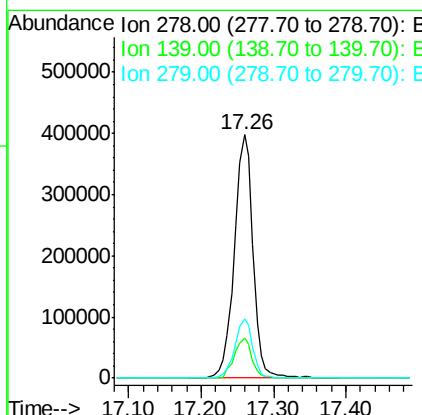
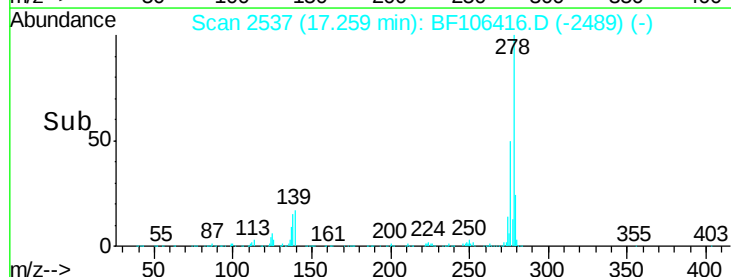
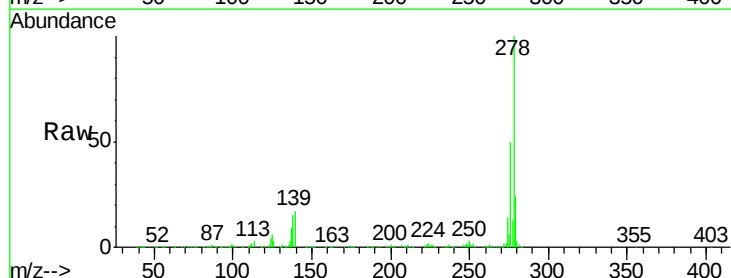
RT: 17.26 min Scan# 2537

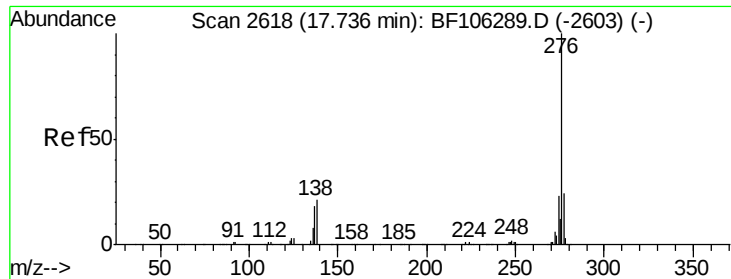
Delta R.T. -0.02 min

Lab File: BF106416.D

Acq: 14 Jun 2018 3:02

Tgt Ion:	278	Resp:	715900
Ion Ratio	Lower	Upper	
278	100		
139	16.7	15.9	23.9
279	24.5	19.0	28.4





#91
Benzo(a,h,i)perylene
Concen: 39.917 ng
RT: 17.72 min Scan# 2615
Delta R.T. -0.02 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Instrument :
BNA_F
ClientSampleId :
PB110157BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.8	17.9	26.9
138	21.2	21.8	32.8

Manual Integrations
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