

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
 Data File : BF106526.D
 Acq On : 18 Jun 2018 9:37
 Operator : JU/SJ
 Sample : PB110285BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110285BS

Manual Integrations
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Sohil
 6/19/2018 5:59:30 PM

Quant Time: Jun 19 02:07:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 15 11:11:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	131611	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	501628	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	238578	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	456672	20.00	ng	0.00
75) Chrysene-d12	14.16	240	296688	20.00	ng	0.00
86) Perylene-d12	15.69	264	301144	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	859971	110.59	ng	0.00
7) Phenol-d6	6.62	99	1064671	108.37	ng	0.00
23) Nitrobenzene-d5	7.54	82	765326	89.75	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	337294	146.93	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1277577	100.65	ng	0.00
78) Terphenyl-d14	13.09	244	1261092	105.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.90	88	128122	31.836	ng	95
3) Pyridine	3.67	79	385340	34.360	ng	97
4) n-Nitrosodimethylamine	3.63	42	173849	33.838	ng	93
6) Aniline	6.64	93	269119	18.759	ng	# 36
8) 2-Chlorophenol	6.77	128	326282	39.018	ng	99
9) Benzaldehyde	6.52	77	206321	27.687	ng	99
10) Phenol	6.63	94	400097	37.304	ng	83
11) bis(2-Chloroethyl)ether	6.71	93	345123	37.589	ng	99
12) 1,3-Dichlorobenzene	6.91	146	373893	37.990	ng	97
13) 1,4-Dichlorobenzene	6.98	146	380665	38.114	ng	99
14) 1,2-Dichlorobenzene	7.14	146	351903	37.429	ng	98
15) Benzyl Alcohol	7.11	79	304741	36.220	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	509962	38.747	ng	50
17) 2-Methylphenol	7.23	107	282539	37.870	ng	# 90
18) Hexachloroethane	7.48	117	136895	38.467	ng	97
19) n-Nitroso-di-n-propylamine	7.38	70	234149	31.768	ng	95
20) 3+4-Methylphenols	7.38	107	344307	36.087	ng	# 84
22) Acetophenone	7.38	105	451282	35.699	ng	# 94
24) Nitrobenzene	7.55	77	378978	40.891	ng	97
25) Isophorone	7.79	82	696335	41.809	ng	99
26) 2-Nitrophenol	7.87	139	186751	51.914	ng	95
27) 2,4-Dimethylphenol	7.91	122	308658	43.776	ng	100
28) bis(2-Chloroethoxy)methane	8.00	93	440933	40.829	ng	98
29) 2,4-Dichlorophenol	8.12	162	297787	43.778	ng	97
30) 1,2,4-Trichlorobenzene	8.19	180	308542	40.454	ng	96
31) Naphthalene	8.27	128	934423	41.207	ng	98
32) Benzoic acid	8.04	122	153295	32.290	ng	96
33) 4-Chloroaniline	8.32	127	105519	10.500	ng	98
34) Hexachlorobutadiene	8.38	225	202241	41.274	ng	98
35) Caprolactam	8.70	113	92921m	40.386	ng	
36) 4-Chloro-3-methylphenol	8.82	107	311524	41.402	ng	98
37) 2-Methylnaphthalene	8.97	142	653474	42.310	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	326367	42.140	ng	98
40) Hexachlorocyclopentadiene	9.11	237	404133	94.576	ng	100

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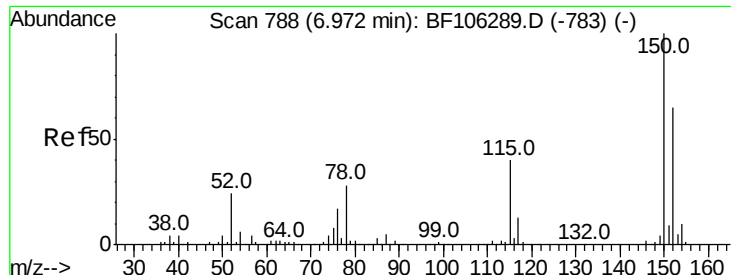
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	226247	45.839	nq	99
43) 2,4,5-Trichlorophenol	9.30	196	234204	44.017	nq #	92
45) 1,1'-Biphenyl	9.43	154	762524	41.264	nq	99
46) 2-Chloronaphthalene	9.46	162	609314	41.203	nq	97
47) 2-Nitroaniline	9.55	65	207222	44.544	nq	92
48) Acenaphthylene	9.88	152	960820	42.448	nq	98
49) Dimethylphthalate	9.73	163	731703	42.928	nq #	99
50) 2,6-Dinitrotoluene	9.80	165	157892	45.349	nq	97
51) Acenaphthene	10.05	154	562628	38.489	nq	99
52) 3-Nitroaniline	9.97	138	94162	22.786	nq	98
53) 2,4-Dinitrophenol	10.07	184	142146	87.961	nq #	21
54) Dibenzofuran	10.22	168	823529	41.837	nq	96
55) 4-Nitrophenol	10.15	139	207094	65.381	nq	96
56) 2,4-Dinitrotoluene	10.20	165	209651	47.951	nq	95
57) Fluorene	10.57	166	637509	40.877	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.34	232	198912	47.167	nq #	82
59) Diethylphthalate	10.43	149	694630	41.058	nq #	94
60) 4-Chlorophenyl-phenylether	10.55	204	339710	41.414	nq	93
61) 4-Nitroaniline	10.59	138	156042	38.811	nq	97
62) Azobenzene	10.71	77	715700	40.570	nq	94
64) 4,6-Dinitro-2-methylphenol	10.61	198	106695	43.925	nq	91
65) n-Nitrosodiphenylamine	10.67	169	606294	39.503	nq	95
66) 4-Bromophenyl-phenylether	11.04	248	233844	45.021	nq #	84
67) Hexachlorobenzene	11.11	284	234284	43.751	nq #	83
68) Atrazine	11.20	200	201787	42.663	nq	96
69) Pentachlorophenol	11.31	266	193598	58.723	nq	98
70) Phenanthrene	11.53	178	904807	40.456	nq	98
71) Anthracene	11.58	178	940744	41.987	nq	99
72) Carbazole	11.74	167	787073	38.050	nq	98
73) Di-n-butylphthalate	12.05	149	1012143	43.965	nq	100
74) Fluoranthene	12.72	202	928651	38.935	nq	98
76) Benzidine	12.84	184	247441	25.059	nq	97
77) Pyrene	12.95	202	908498	48.911	nq	99
79) Butylbenzylphthalate	13.55	149	362640	52.157	nq	97
80) Benzo(a)anthracene	14.15	228	743150	42.091	nq	100
81) 3,3'-Dichlorobenzidine	14.10	252	177621	29.817	nq	96
82) Chrysene	14.18	228	687740	42.665	nq	99
83) Bis(2-ethylhexyl)phthalate	14.11	149	466204	46.764	nq	99
84) Di-n-octyl phthalate	14.75	149	716242	49.836	nq	98
85) Indeno(1,2,3-cd)pyrene	17.27	276	915036	71.126	nq #	93
87) Benzo(b)fluoranthene	15.24	252	693321m	38.087	nq	
88) Benzo(k)fluoranthene	15.27	252	683646	37.920	nq #	96
89) Benzo(a)pyrene	15.64	252	707023	43.181	nq	97
90) Dibenzo(a,h)anthracene	17.29	278	752283	55.110	nq #	95
91) Benzo(g,h,i)perylene	17.76	276	786568	59.292	nq #	92

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



#1

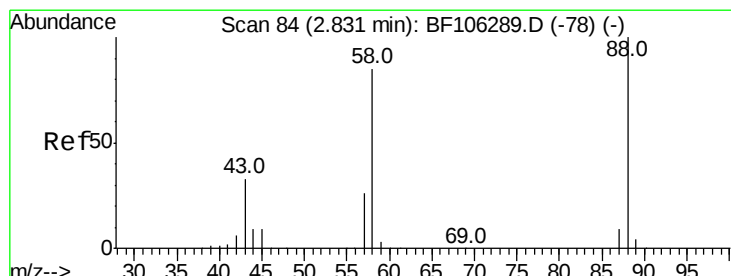
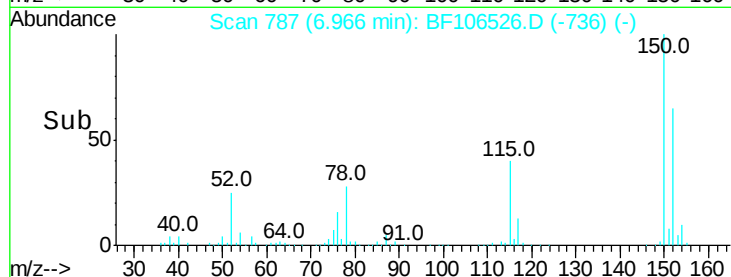
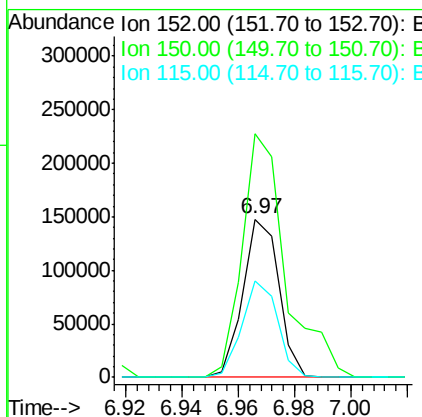
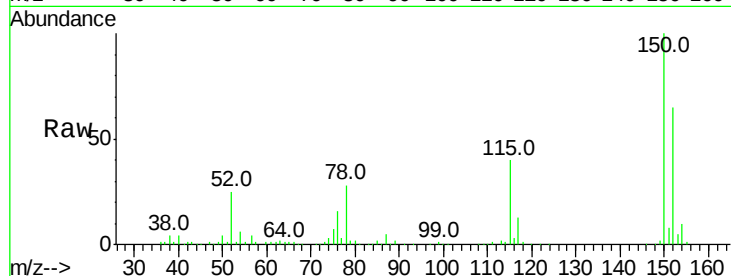
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106526.D
Acq: 18 Jun 2018 9:37

Instrument :
BNA_F
ClientSampleId :
PB110285BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.6	186.8
115	61.2	50.1	75.1

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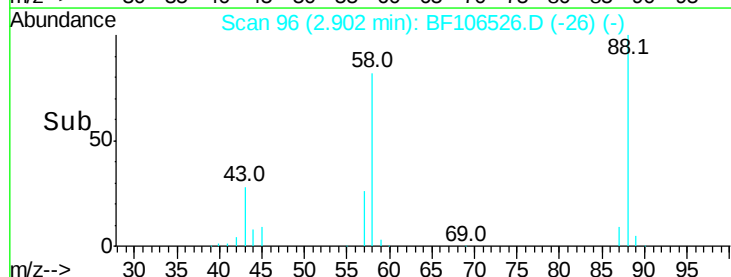
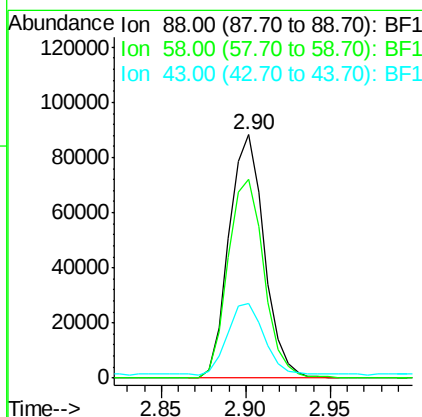
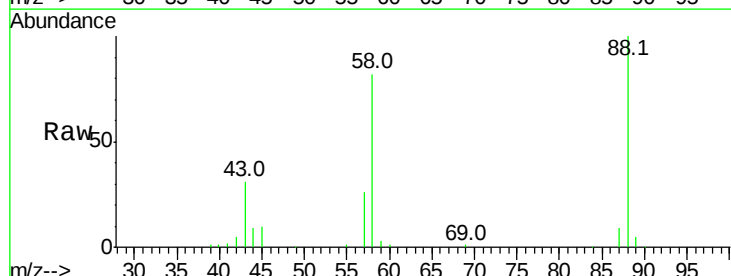
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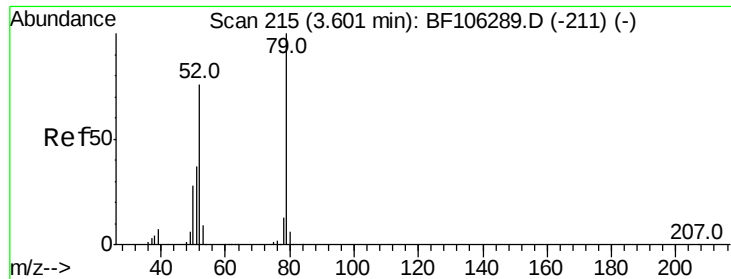


#2

1,4-Dioxane
Concen: 31.836 ng
RT: 2.90 min Scan# 96
Delta R.T. 0.11 min
Lab File: BF106526.D
Acq: 18 Jun 2018 9:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.0	62.6	93.8
43	29.6	24.6	37.0





#3

Pvridine

Concen: 34.360 ng

RT: 3.67 min Scan# 226

Delta R.T. 0.09 min

Lab File: BF106526.D

Acq: 18 Jun 2018 9:37

Instrument :

BNA_F

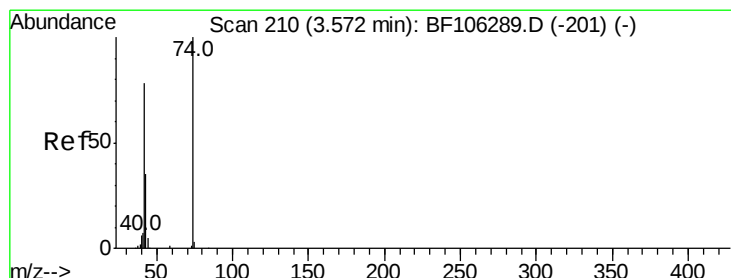
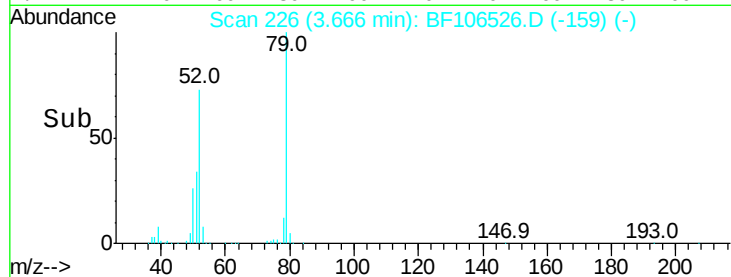
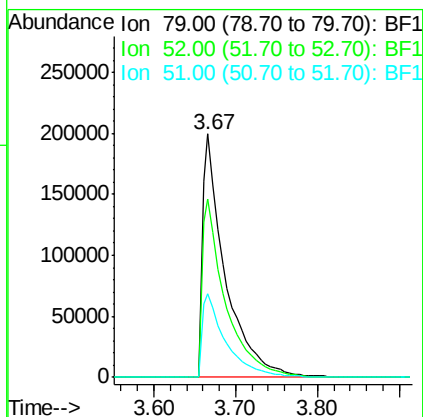
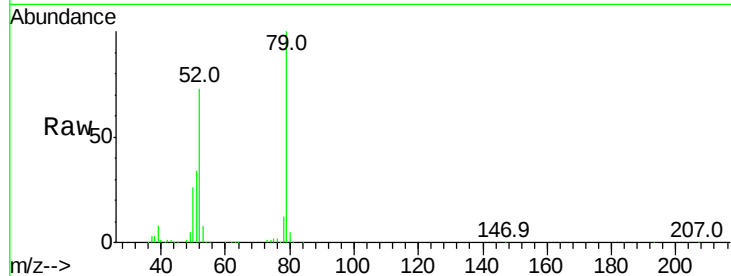
ClientSampleId :

PB110285BS

Tot Ion:	79	Resp:	385340
Ion Ratio	Lower	Upper	
79	100		
52	73.3	59.8	89.6
51	34.3	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 33.838 ng

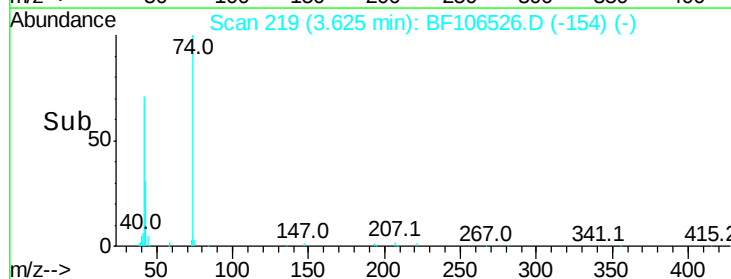
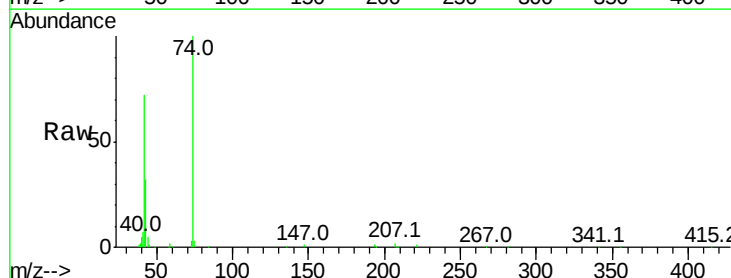
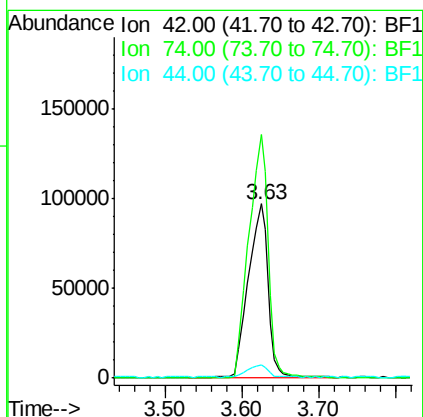
RT: 3.63 min Scan# 219

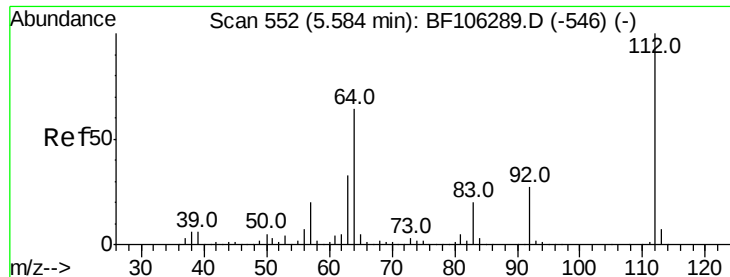
Delta R.T. 0.08 min

Lab File: BF106526.D

Acq: 18 Jun 2018 9:37

Tgt Ion:	42	Resp:	173849
Ion Ratio	Lower	Upper	
42	100		
74	139.6	104.9	157.3
44	7.2	6.9	10.3





#5

2-Fluorophenol

Concen: 110.591 ng

RT: 5.62 min Scan# 558

Delta R.T. 0.01 min

Lab File: BF106526.D

Acq: 18 Jun 2018 9:37

Instrument :

BNA_F

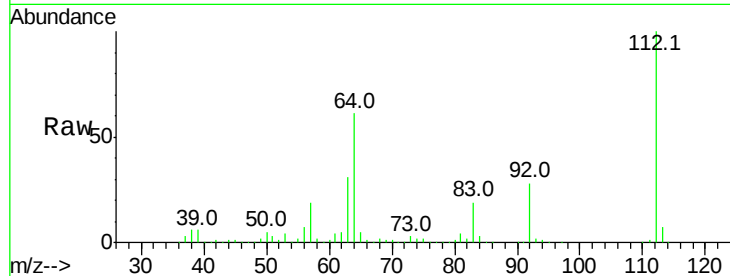
ClientSampleId :

PB110285BS

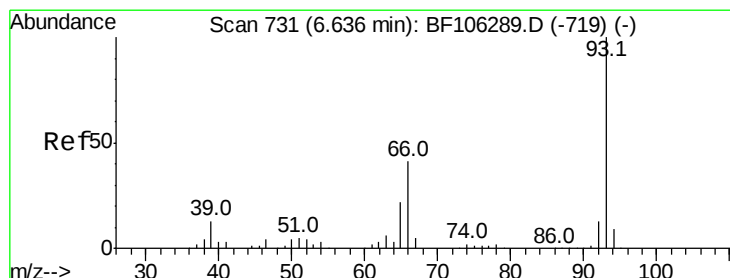
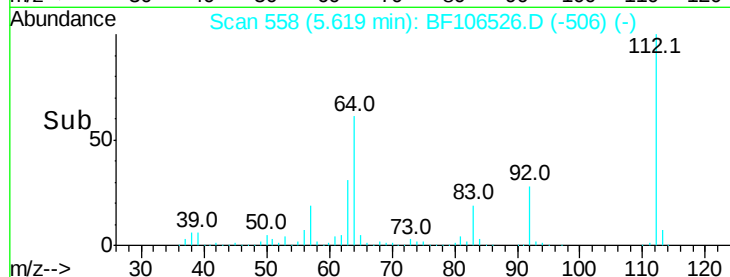
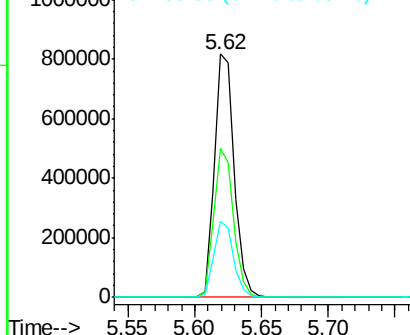
Tot Ion:	112	Resp:	859971
Ion Ratio	Lower	Upper	
112	100		
64	61.1	47.9	71.9
63	31.2	23.7	35.5

Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 18.759 ng

RT: 6.64 min Scan# 731

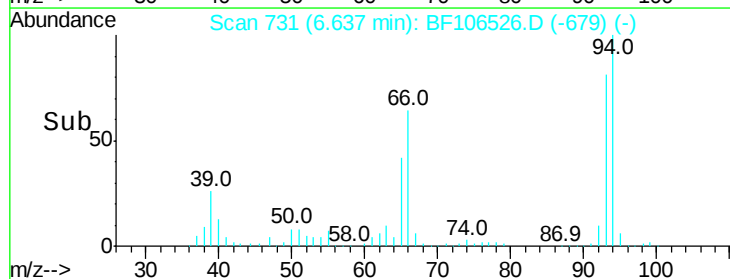
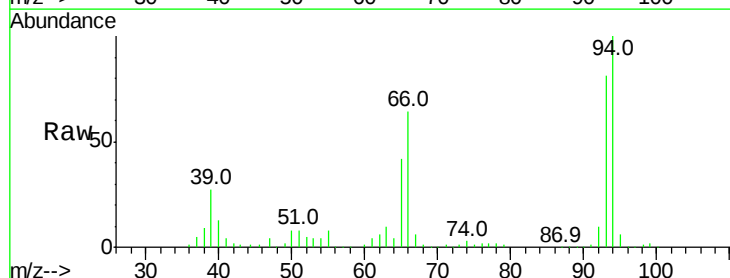
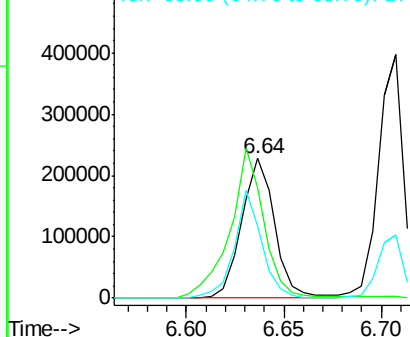
Delta R.T. 0.01 min

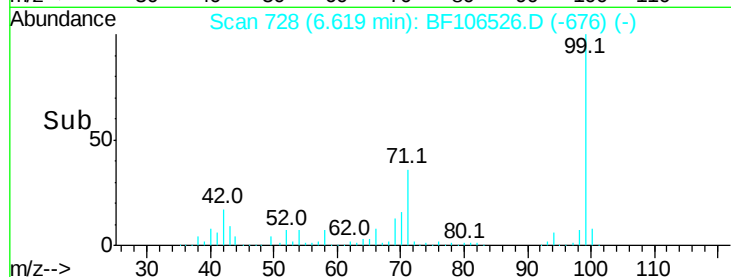
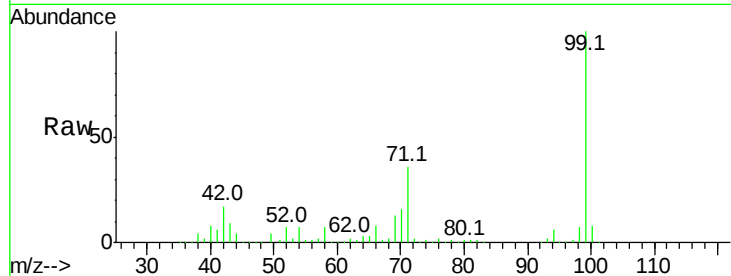
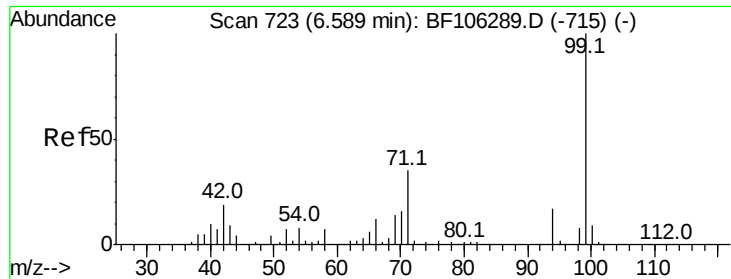
Lab File: BF106526.D

Acq: 18 Jun 2018 9:37

Tgt Ion:	93	Resp:	269119
Ion Ratio	Lower	Upper	
93	100		
66	78.8	32.2	48.2#
65	51.6	16.4	24.6#

Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 108.370 ng

RT: 6.62 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF106526.D

Acq: 18 Jun 2018 9:37

Tot Ion: 99 Resp: 1064671

Ion Ratio Lower Upper

99 100

42 17.4 14.5 21.7

71 35.6 25.4 38.0

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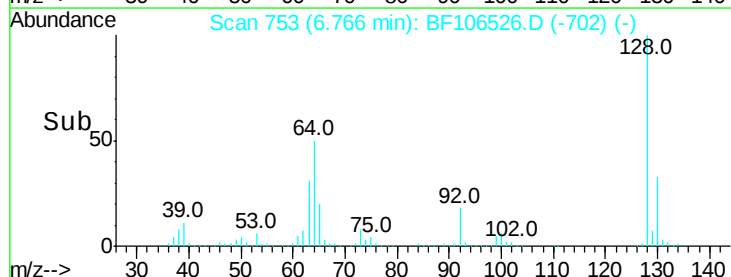
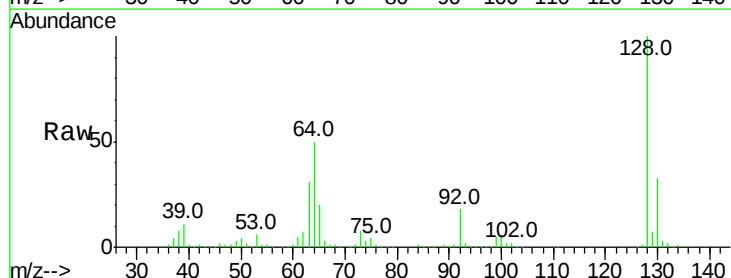
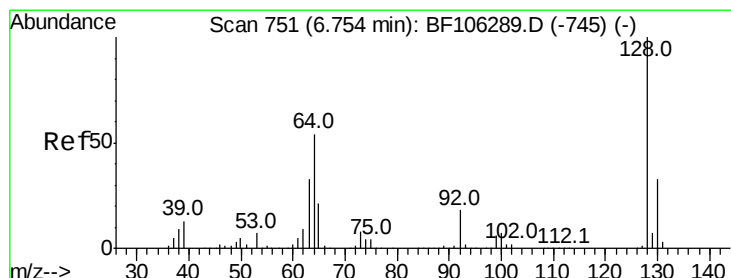
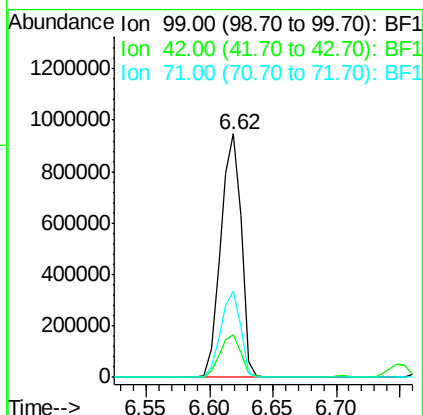
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#8

2-Chlorophenol

Concen: 39.018 ng

RT: 6.77 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF106526.D

Acq: 18 Jun 2018 9:37

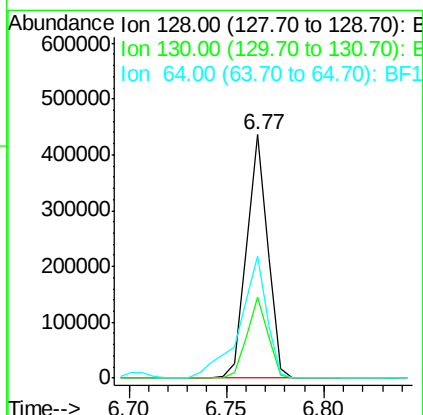
Tgt Ion: 128 Resp: 326282

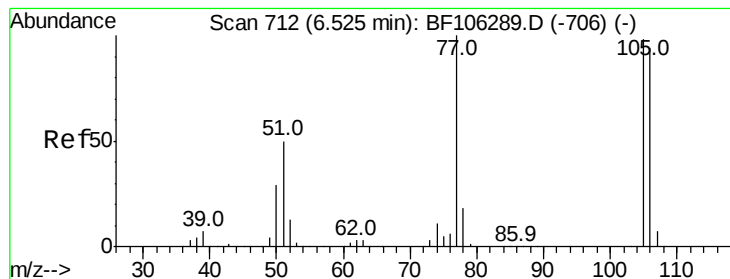
Ion Ratio Lower Upper

128 100

130 33.4 13.0 53.0

64 50.2 29.4 69.4





#9

Benzaldehyde

Concen: 27.687 ng

RT: 6.52 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF106526.D

Acq: 18 Jun 2018 9:37

Instrument :

BNA_F

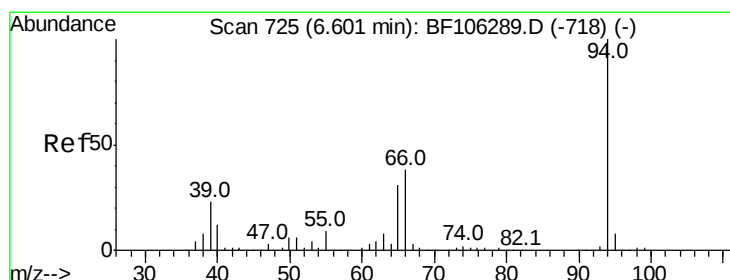
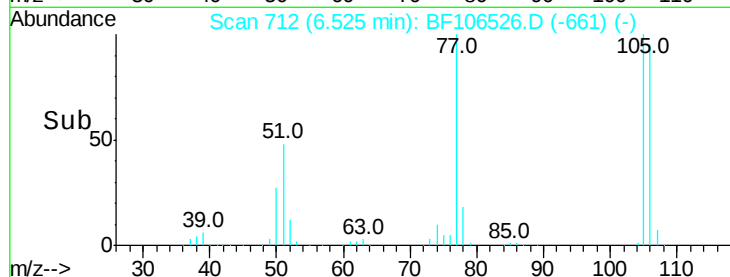
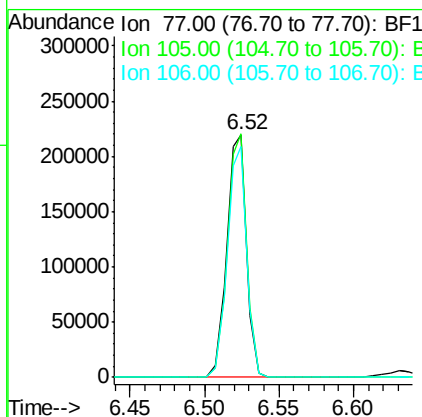
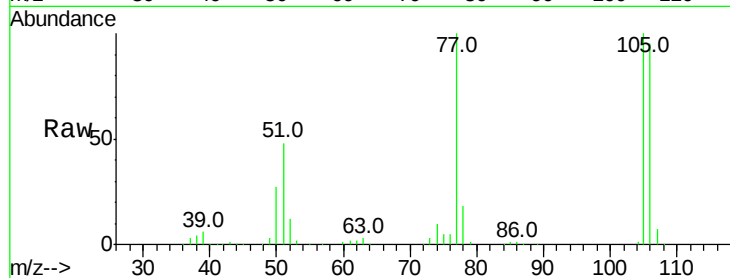
ClientSampleId :

PB110285BS

Tot Ion:	77	Resp:	206321
Ion Ratio	Lower	Upper	
77	100		
105	100.3	81.1	121.1
106	95.1	74.5	114.5

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#10

Phenol

Concen: 37.304 ng

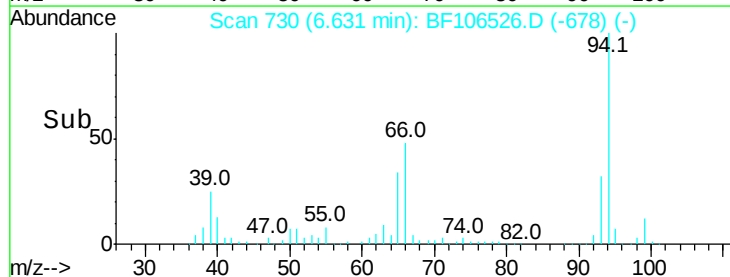
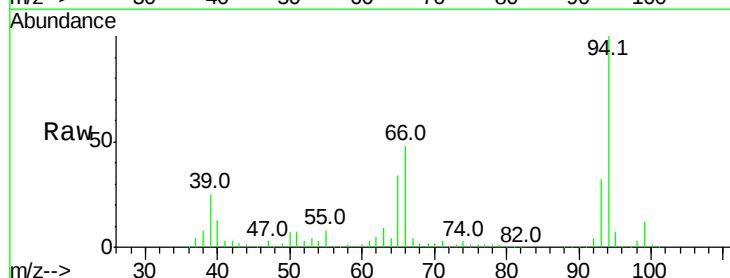
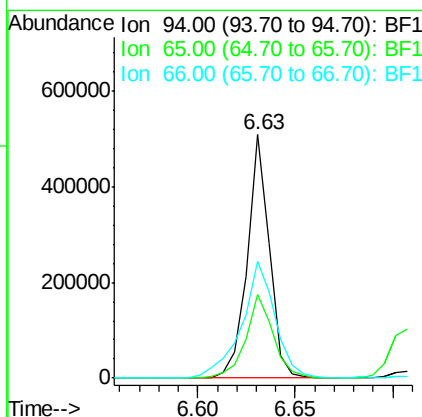
RT: 6.63 min Scan# 730

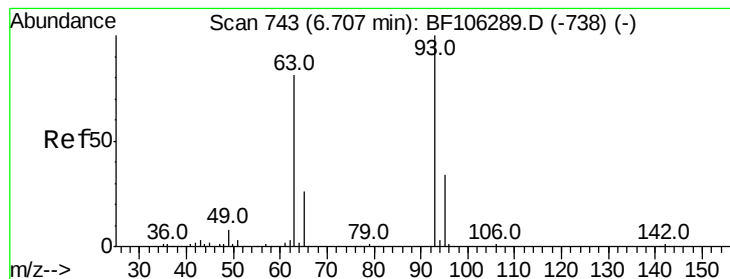
Delta R.T. 0.01 min

Lab File: BF106526.D

Acq: 18 Jun 2018 9:37

Tgt Ion:	94	Resp:	400097
Ion Ratio	Lower	Upper	
94	100		
65	34.4	7.9	47.9
66	48.2	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 37.589 ng

RT: 6.71 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF106526.D

Acq: 18 Jun 2018 9:37

Instrument :

BNA_F

ClientSampleId :

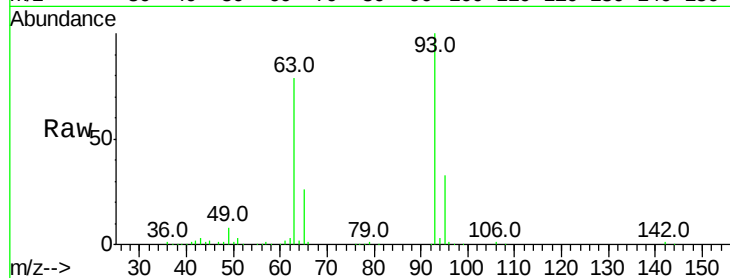
PB110285BS

Tot Ion: 93 Resp: 345123

Ion	Ratio	Lower	Upper
93	100		
63	79.3	58.6	98.6
95	32.8	11.8	51.8

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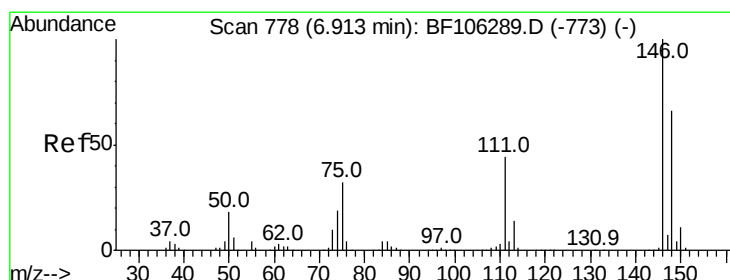
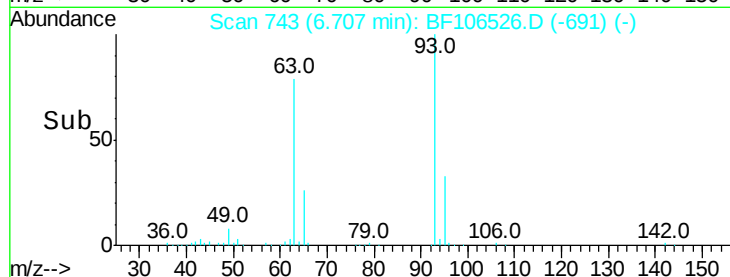
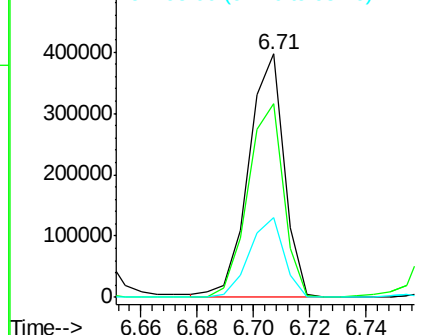
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Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 37.990 ng

RT: 6.91 min Scan# 778

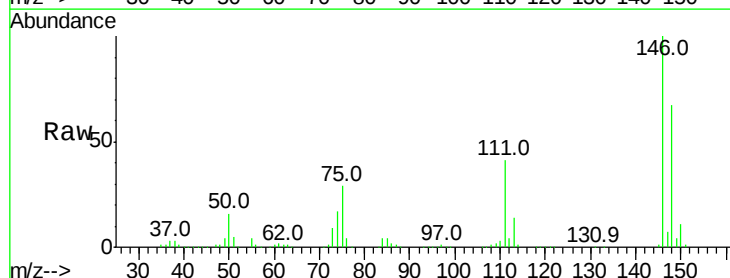
Delta R.T. 0.01 min

Lab File: BF106526.D

Acq: 18 Jun 2018 9:37

Tgt Ion: 146 Resp: 373893

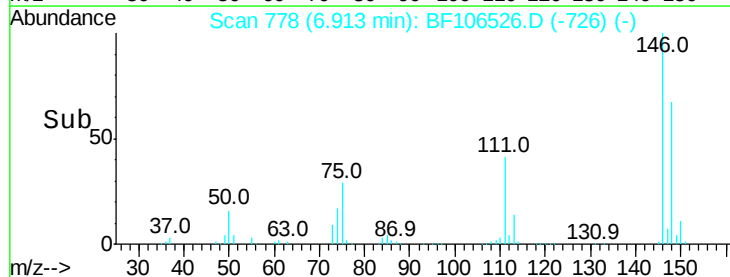
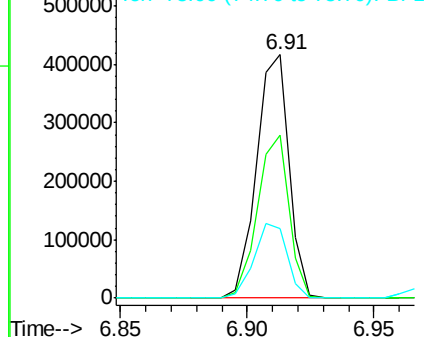
Ion	Ratio	Lower	Upper
146	100		
148	67.0	51.8	77.8
75	28.8	24.2	36.4

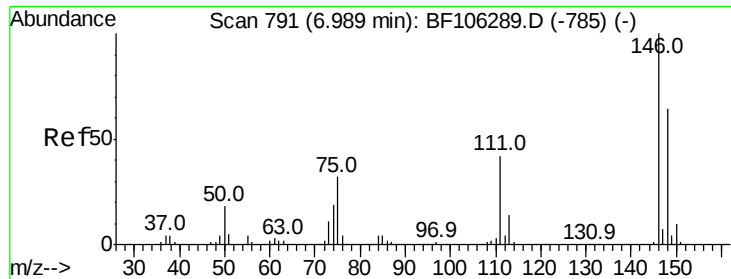


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 38.114 ng

RT: 6.98 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF106526.D

Acq: 18 Jun 2018 9:37

Instrument :

BNA_F

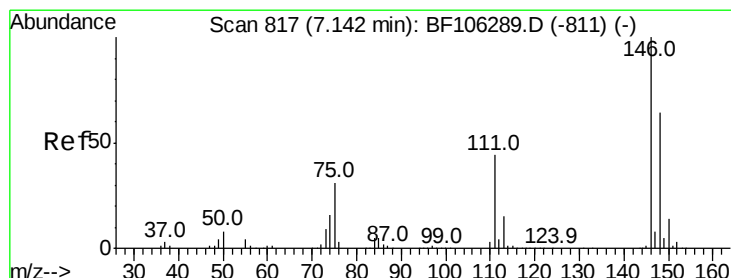
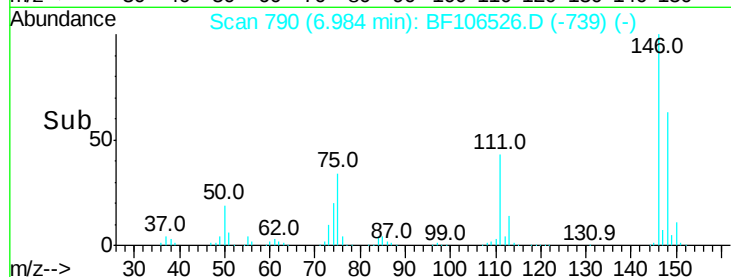
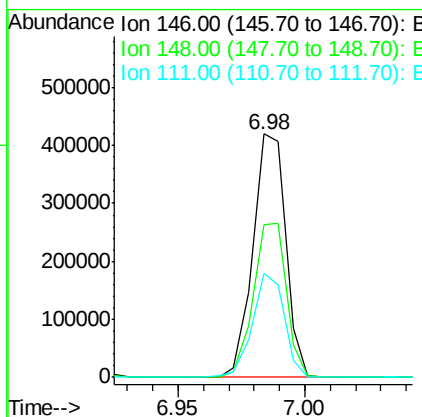
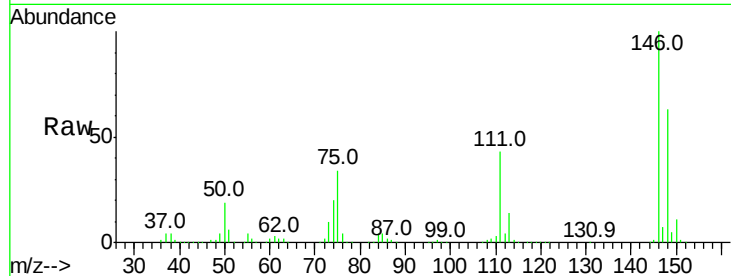
ClientSampleId :

PB110285BS

Tot Ion:	146	Resp:	380665
Ion Ratio	Lower	Upper	
146	100		
148	62.9	50.8	76.2
111	42.5	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 37.429 ng

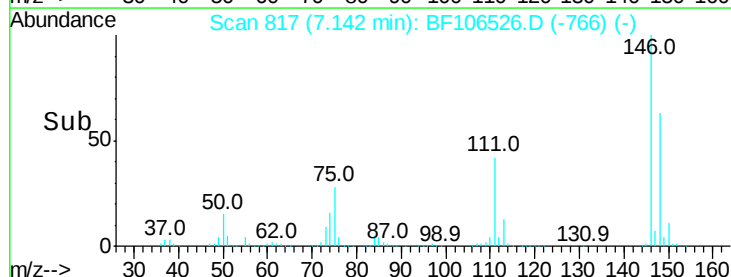
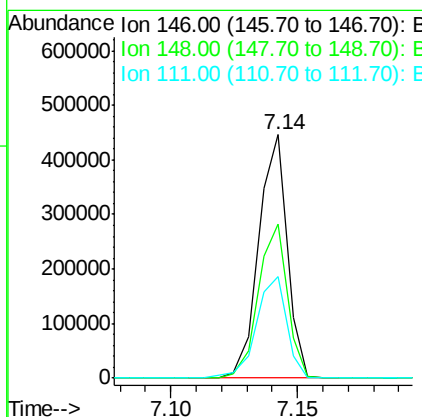
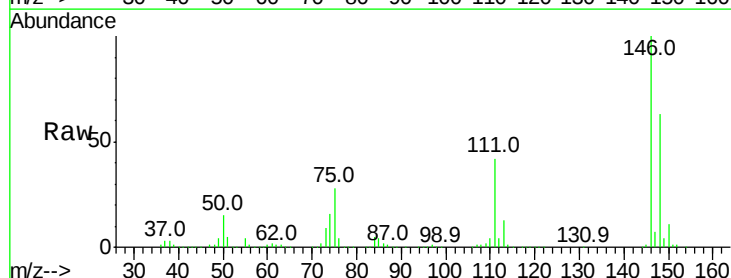
RT: 7.14 min Scan# 817

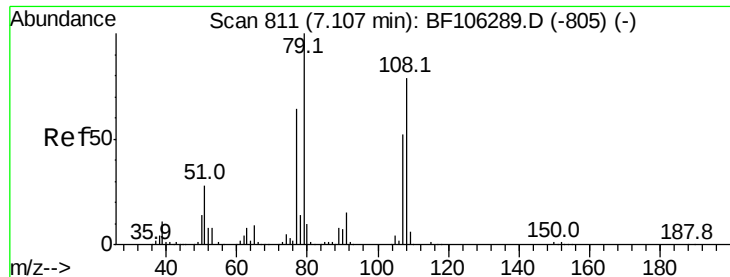
Delta R.T. 0.00 min

Lab File: BF106526.D

Acq: 18 Jun 2018 9:37

Tgt Ion:	146	Resp:	351903
Ion Ratio	Lower	Upper	
146	100		
148	63.2	50.6	75.8
111	41.8	36.0	54.0





#15

Benzyl Alcohol

Concen: 36.220 ng

RT: 7.11 min Scan# 812

Delta R.T. 0.01 min

Lab File: BF106526.D

Acq: 18 Jun 2018 9:37

Instrument :

BNA_F

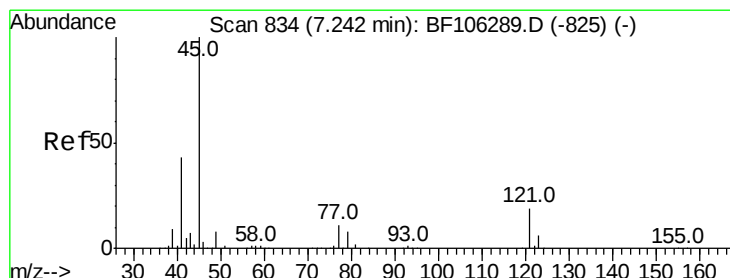
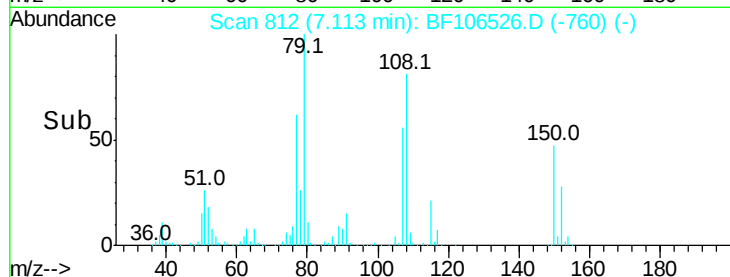
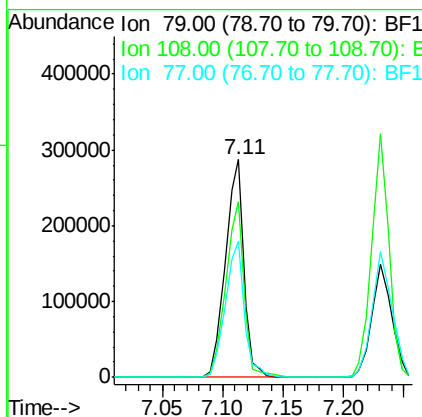
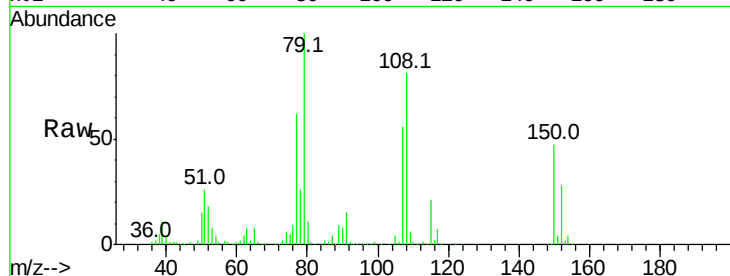
ClientSampled :

PB110285BS

Tot Ion:	79	Resp:	304741
Ion Ratio	Lower	Upper	
79	100		
108	80.8	65.1	97.7
77	62.3	50.6	75.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.747 ng

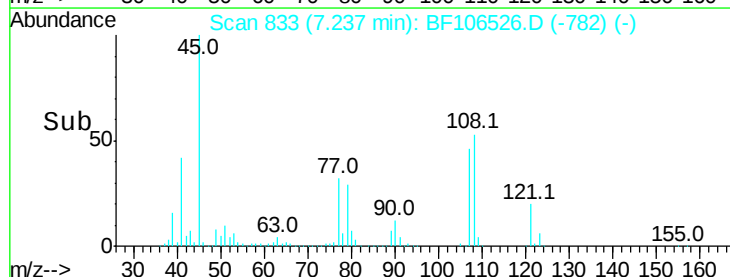
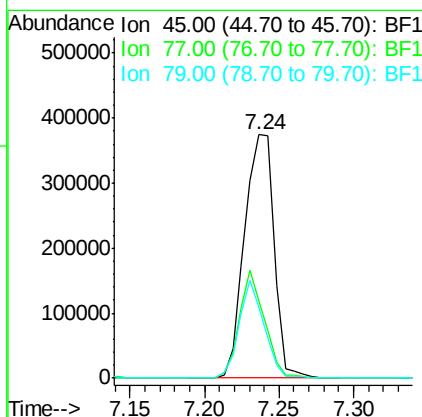
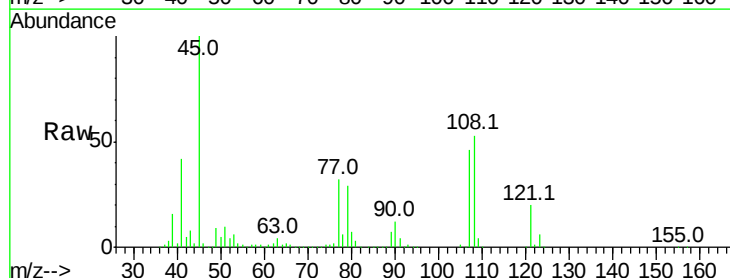
RT: 7.24 min Scan# 833

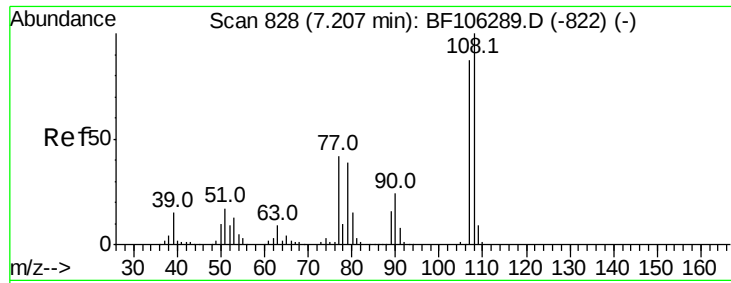
Delta R.T. 0.00 min

Lab File: BF106526.D

Acq: 18 Jun 2018 9:37

Tgt Ion:	45	Resp:	509962
Ion Ratio	Lower	Upper	
45	100		
77	31.8	0.0	32.9
79	29.2	0.0	29.6





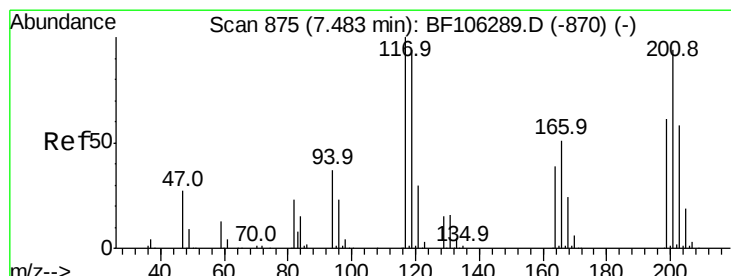
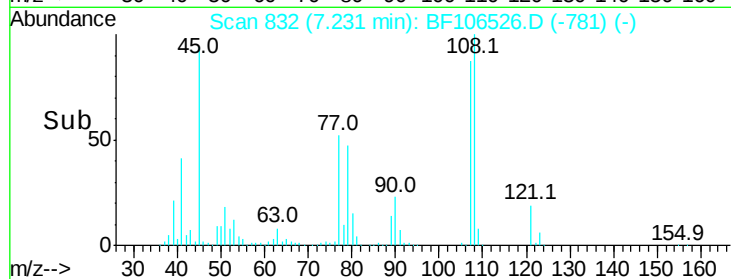
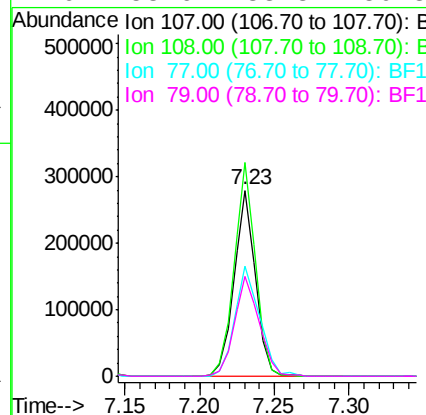
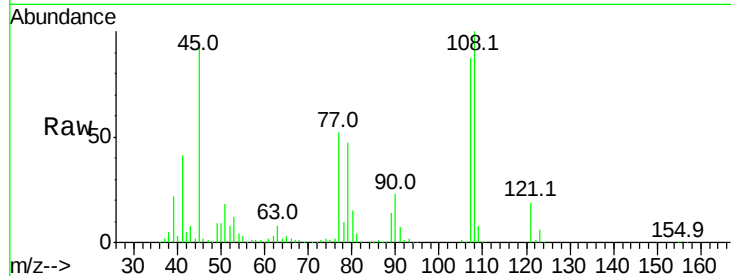
#17
2-Methylphenol
Concen: 37.870 ng
RT: 7.23 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF106526.D
Acq: 18 Jun 2018 9:37

Instrument :
BNA_F
ClientSampleId :
PB110285BS

Tot Ion	Ratio	Resp Lower	Upper
107	100		
108	115.0	91.7	137.5
77	59.3	33.8	50.8#
79	53.6	33.8	50.8#

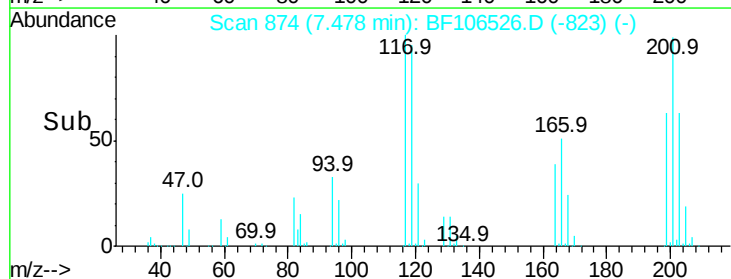
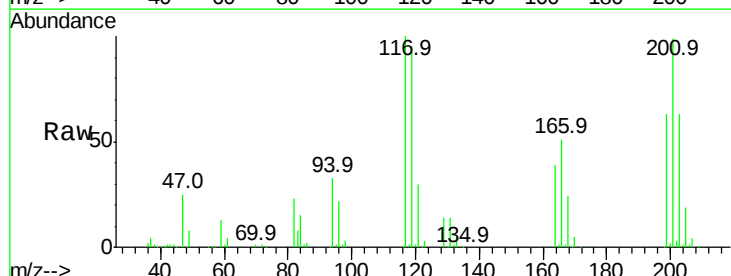
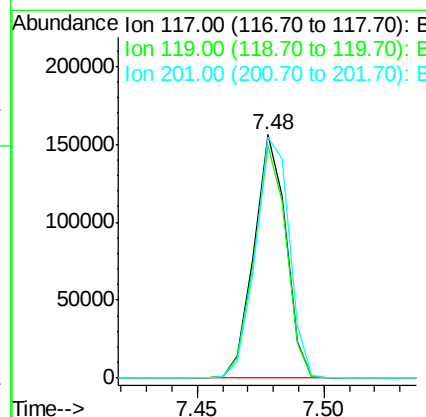
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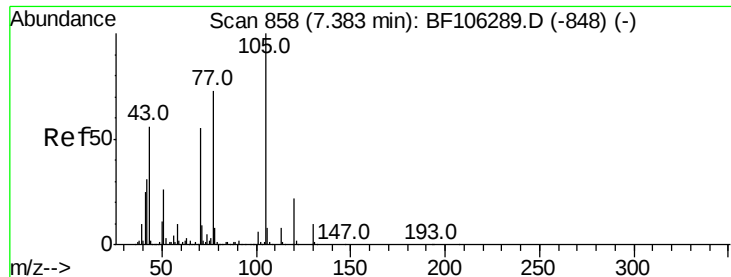
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#18
Hexachloroethane
Concen: 38.467 ng
RT: 7.48 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF106526.D
Acq: 18 Jun 2018 9:37

Tgt Ion	Ratio	Resp Lower	Upper
117	100		
119	95.5	75.8	113.8
201	98.8	75.7	113.5





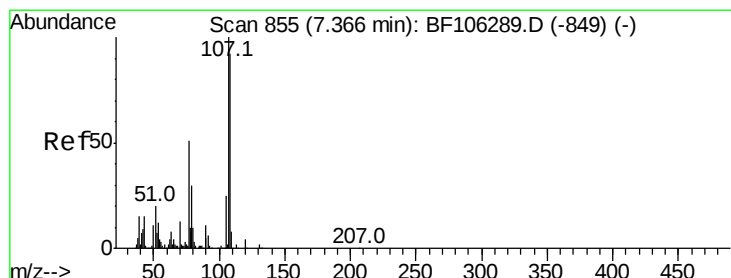
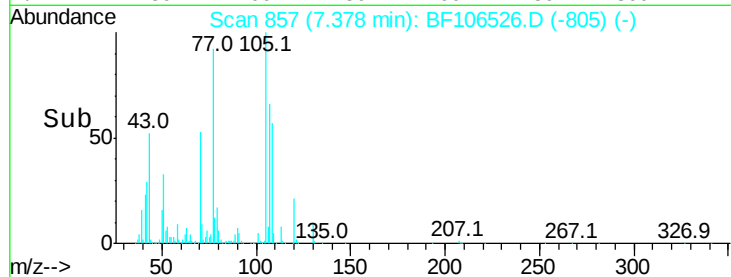
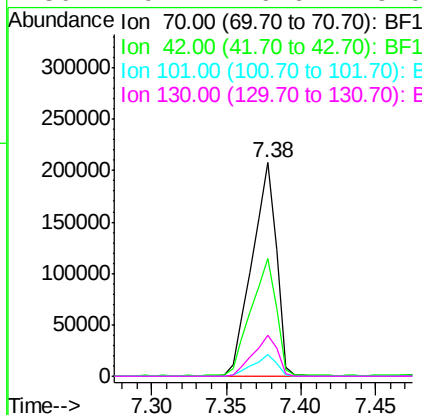
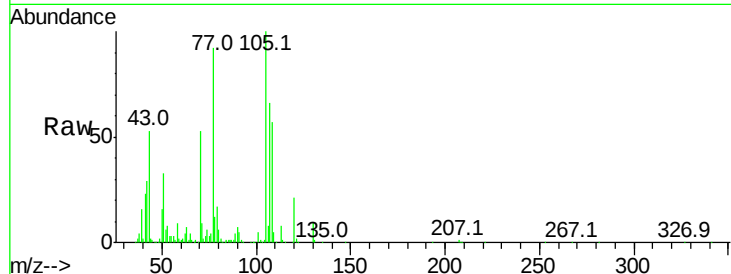
#19
n-Nitroso-di-n-propylamine
Concen: 31.768 ng
RT: 7.38 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF106526.D
Acq: 18 Jun 2018 9:37

Instrument :
BNA_F
ClientSampleId :
PB110285BS

Tot Ion	70	Resp	234149
Ion Ratio	Lower	Upper	
70	100		
42	55.2	47.5	71.3
101	10.1	7.4	11.2
130	19.1	16.6	25.0

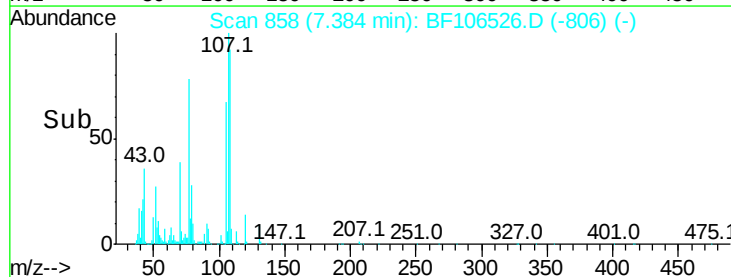
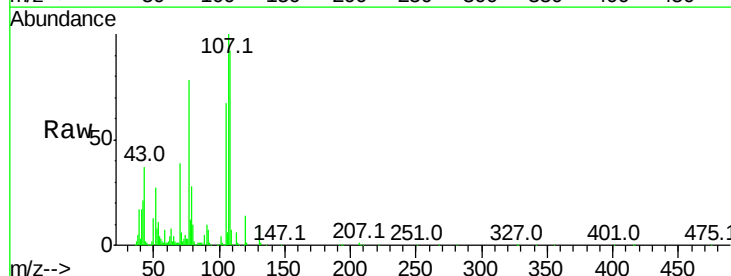
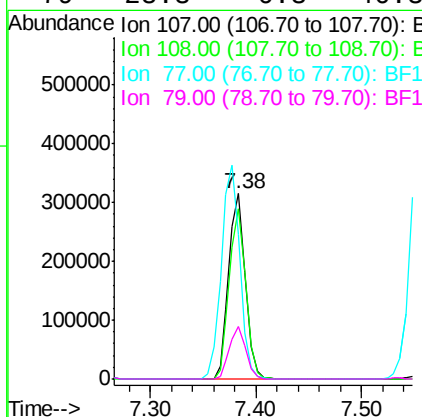
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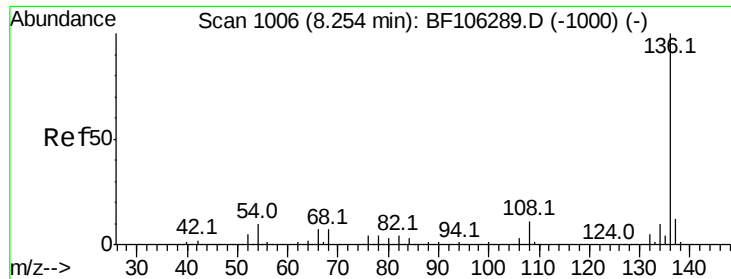
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#20
3+4-Methylphenols
Concen: 36.087 ng
RT: 7.38 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF106526.D
Acq: 18 Jun 2018 9:37

Tgt Ion	107	Resp	344307
Ion Ratio	Lower	Upper	
107	100		
108	91.6	68.2	108.2
77	77.7	26.7	66.7#
79	28.3	6.3	46.3





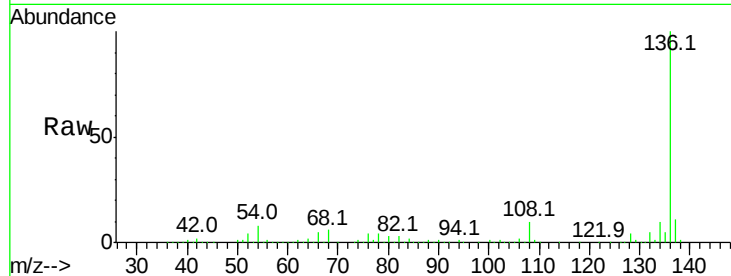
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BF106526.D
Acq: 18 Jun 2018 9:37

Instrument :
BNA_F
ClientSampleId :
PB110285BS

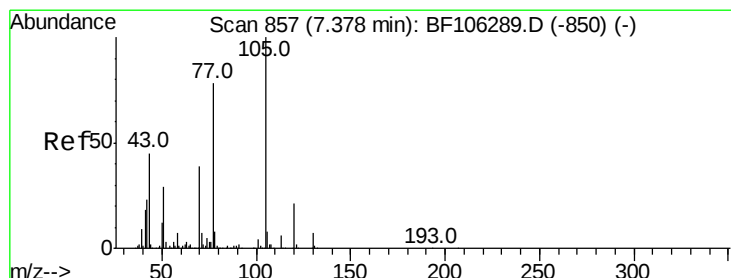
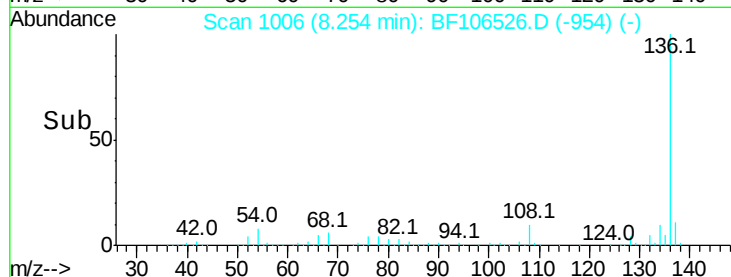
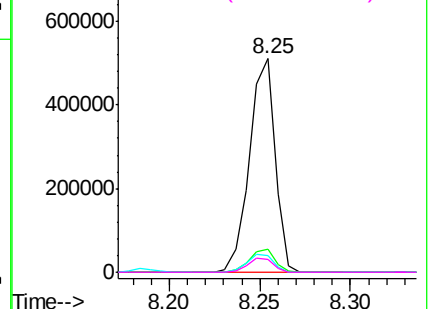
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.9	13.3	
54	7.5	6.6	9.8	
68	6.0	5.0	7.4	

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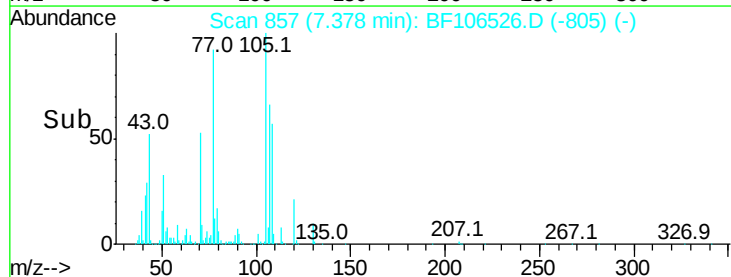
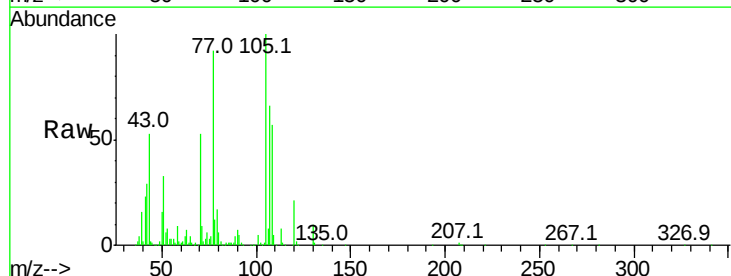
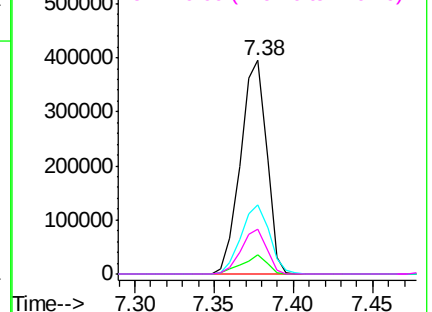
Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
600000
Ion 54.00 (53.70 to 54.70): BF1
400000
Ion 68.00 (67.70 to 68.70): BF1
200000
0

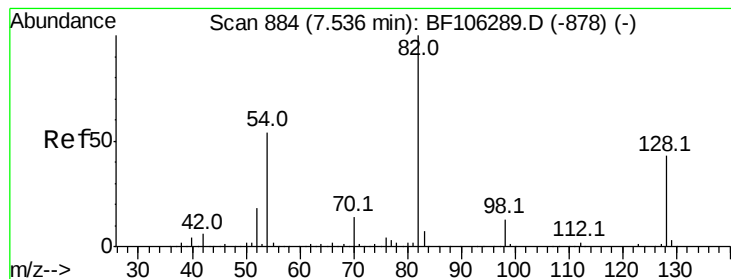


#22
Acetophenone
Concen: 35.699 ng
RT: 7.38 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF106526.D
Acq: 18 Jun 2018 9:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	9.2	4.4	6.6#	
51	32.5	22.3	33.5	
120	20.7	16.9	25.3	

Abundance Ion 105.00 (104.70 to 105.70): E
600000
Ion 71.00 (70.70 to 71.70): BF1
500000
Ion 51.00 (50.70 to 51.70): BF1
400000
Ion 120.00 (119.70 to 120.70): E
300000
200000
100000
0





#23

Nitrobenzene-d5

Concen: 89.754 ng

RT: 7.54 min Scan# 884

Delta R.T. 0.01 min

Lab File: BF106526.D

Acq: 18 Jun 2018 9:37

Instrument :

BNA_F

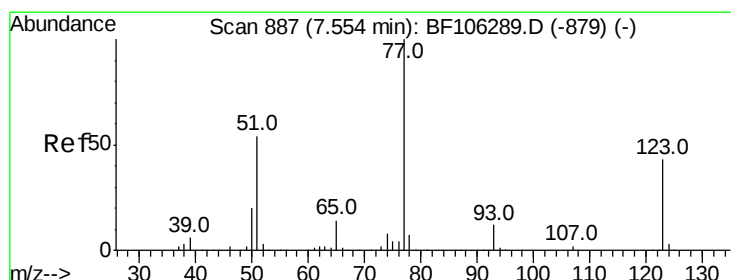
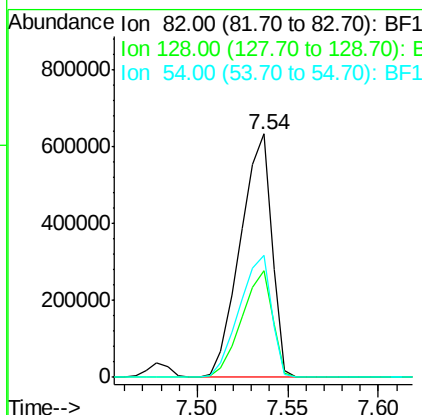
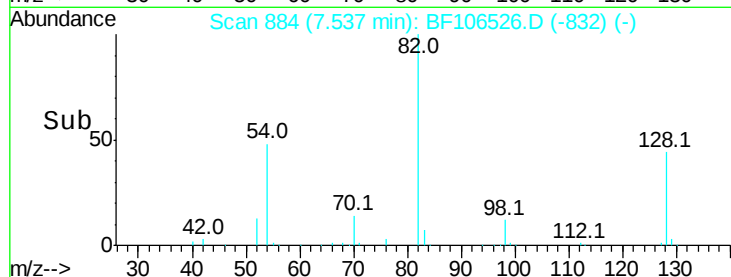
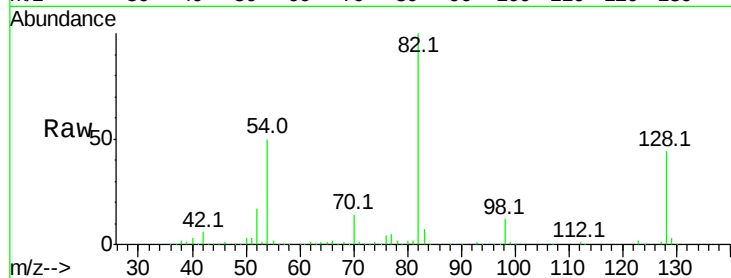
ClientSampleId :

PB110285BS

Tot Ion:	82	Resp:	765326
Ion Ratio	Lower	Upper	
82	100		
128	43.6	36.1	54.1
54	50.3	41.4	62.2

Manual Integrations
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#24

Nitrobenzene

Concen: 40.891 ng

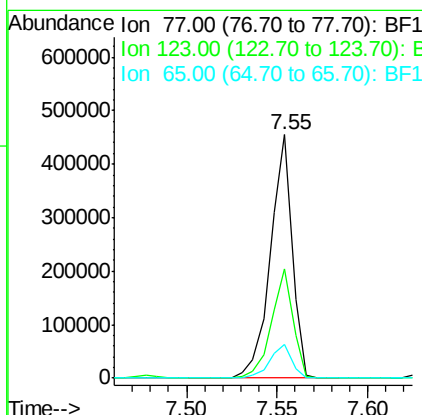
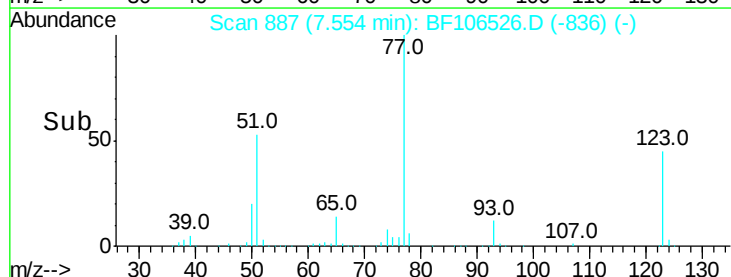
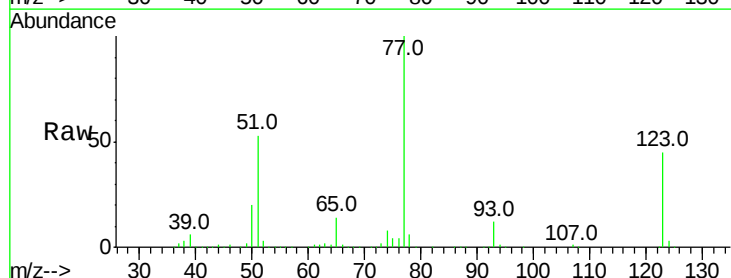
RT: 7.55 min Scan# 887

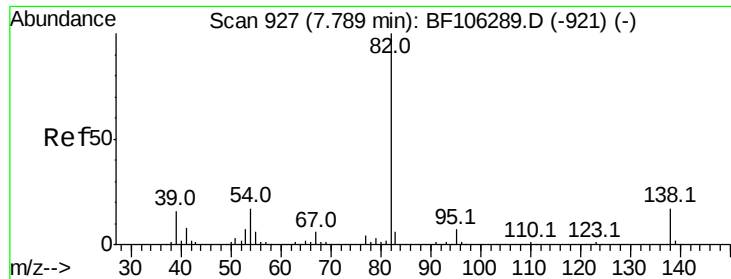
Delta R.T. 0.00 min

Lab File: BF106526.D

Acq: 18 Jun 2018 9:37

Tgt Ion:	77	Resp:	378978
Ion Ratio	Lower	Upper	
77	100		
123	45.0	37.9	56.9
65	13.7	11.0	16.4





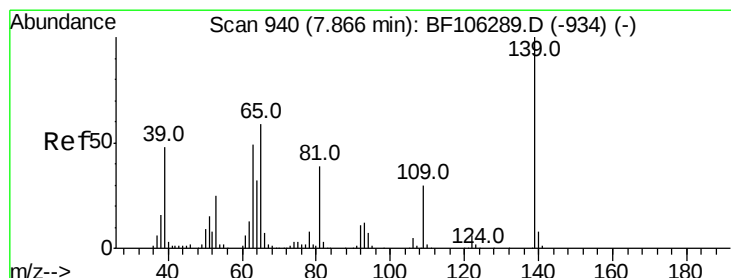
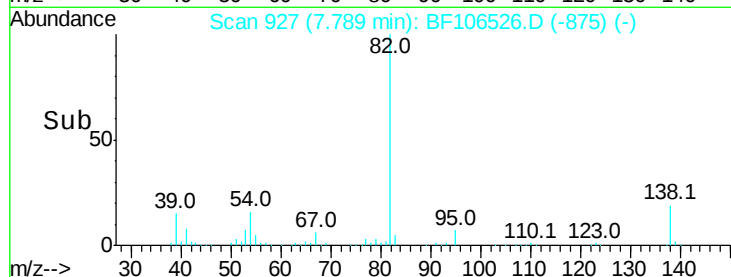
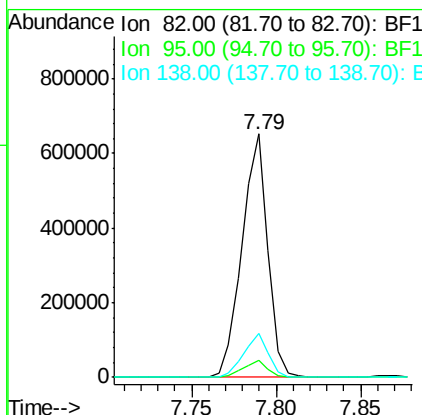
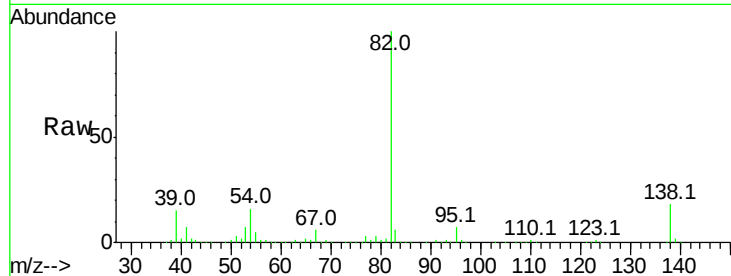
#25
Isophorone
Concen: 41.809 ng
RT: 7.79 min Scan# 927
Delta R.T. 0.01 min
Lab File: BF106526.D
Acq: 18 Jun 2018 9:37

Instrument :
BNA_F
ClientSampleId :
PB110285BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	696335		
95	7.0		5.2	7.8
138	18.2		14.9	22.3

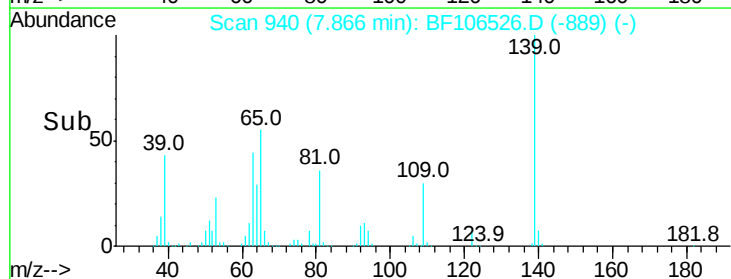
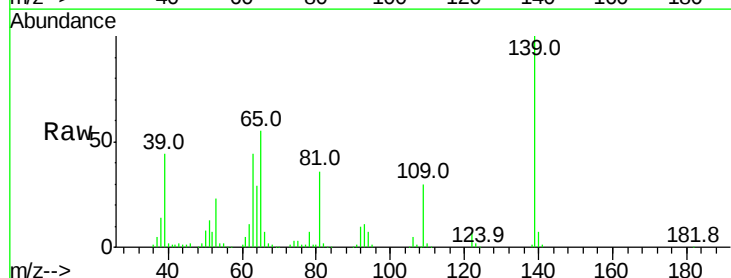
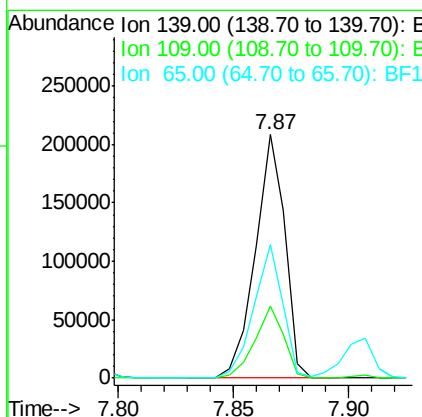
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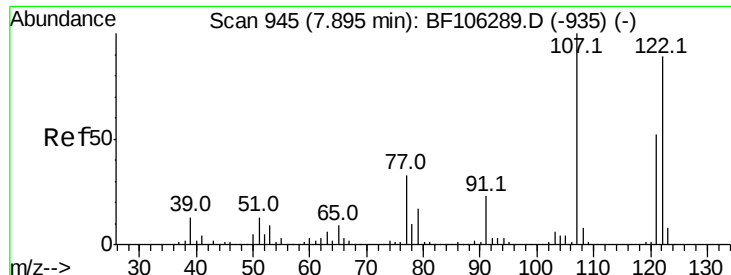
Sohil
6/19/2018 5:59:30 PM



#26
2-Nitrophenol
Concen: 51.914 ng
RT: 7.87 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF106526.D
Acq: 18 Jun 2018 9:37

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	186751		
109	29.7		22.7	34.1
65	54.9		40.5	60.7





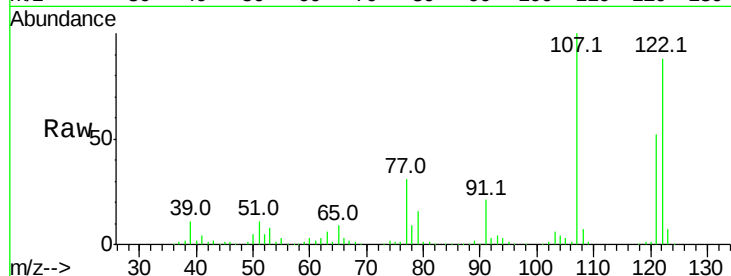
#27
2,4-Dimethylphenol
Concen: 43.776 ng
RT: 7.91 min Scan# 947
Delta R.T. 0.01 min
Lab File: BF106526.D
Acq: 18 Jun 2018 9:37

Instrument :
BNA_F
ClientSampleId :
PB110285BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	308658		
107	113.6	91.2	136.8	
121	59.0	47.2	70.8	

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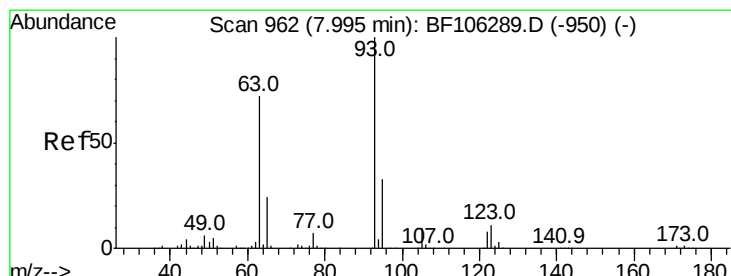
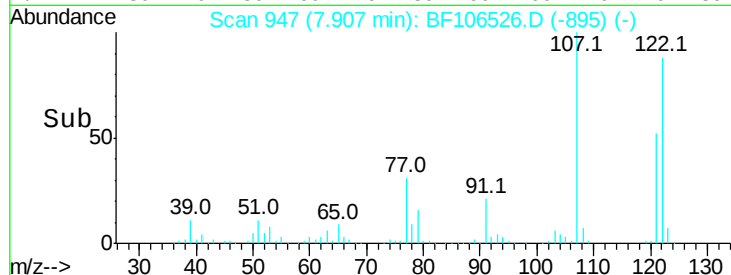
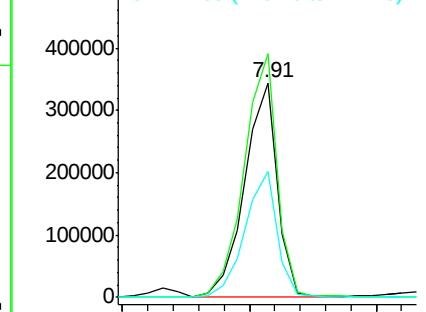


Abundance

Ion 122.00 (121.70 to 122.70): E

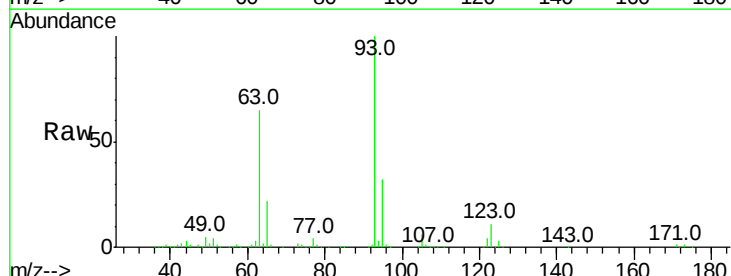
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 40.829 ng
RT: 8.00 min Scan# 962
Delta R.T. 0.01 min
Lab File: BF106526.D
Acq: 18 Jun 2018 9:37

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	440933		
95	32.2	26.3	39.5	
123	10.7	9.8	14.6	

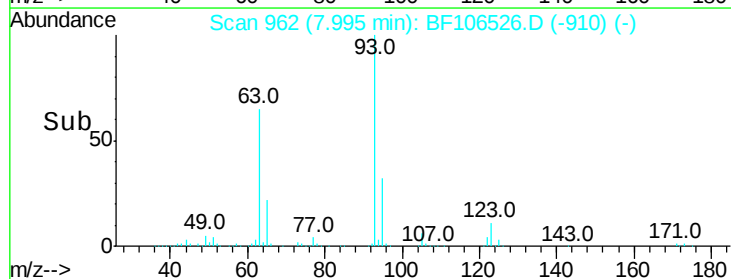
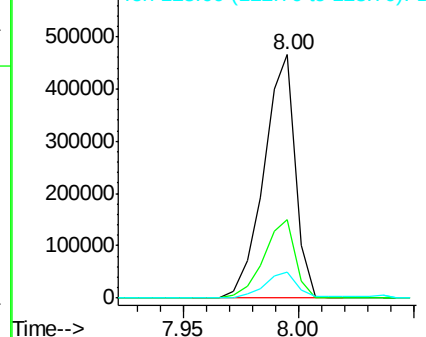


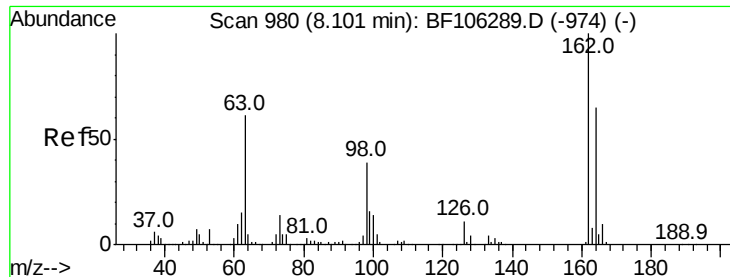
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





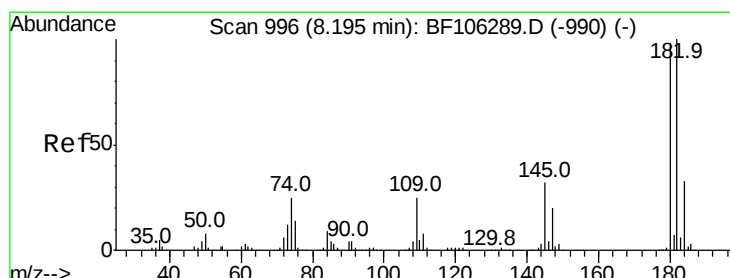
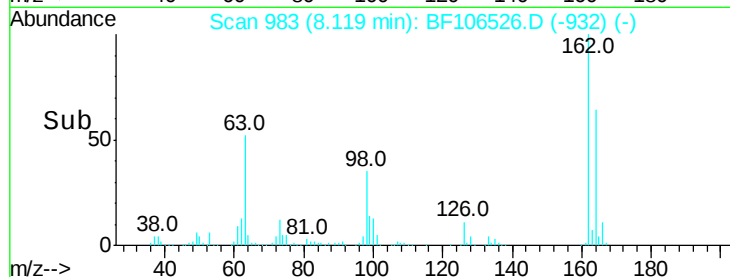
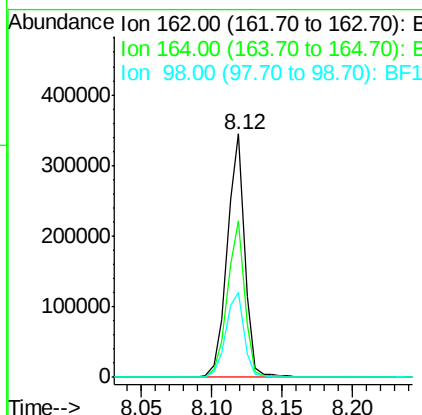
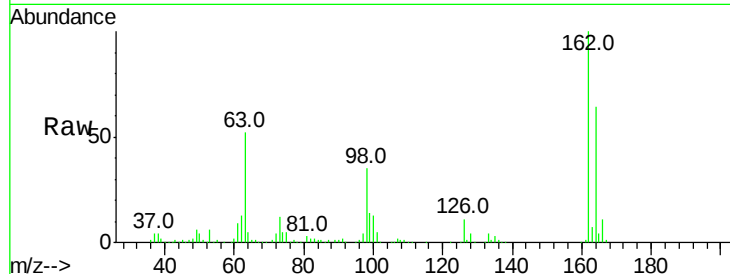
#29
2,4-Dichlorophenol
Concen: 43.778 ng
RT: 8.12 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF106526.D
Acq: 18 Jun 2018 9:37

Instrument :
BNA_F
ClientSampleId :
PB110285BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.2	42.7	82.7
98	35.1	18.1	58.1

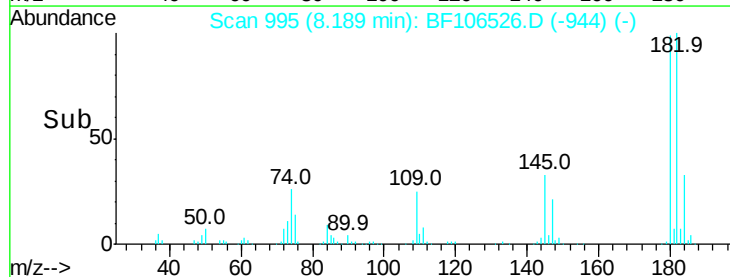
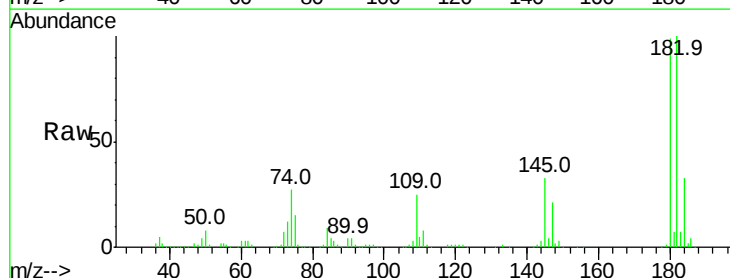
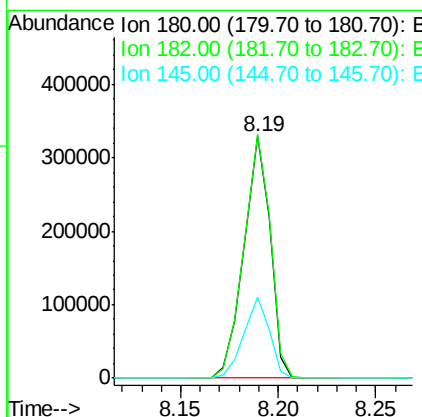
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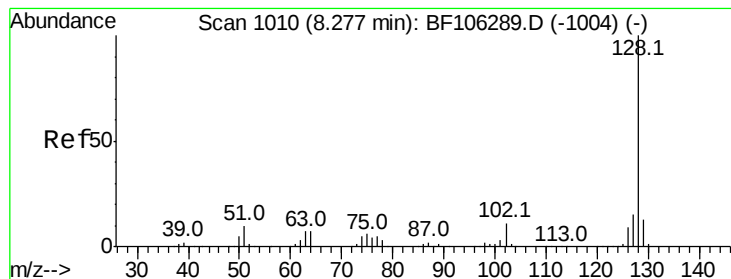
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 40.454 ng
RT: 8.19 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF106526.D
Acq: 18 Jun 2018 9:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	100.6	76.8	115.2
145	33.5	26.5	39.7





#31

Naphthalene

Concen: 41.207 ng

RT: 8.27 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF106526.D

Acq: 18 Jun 2018 9:37

Instrument :

BNA_F

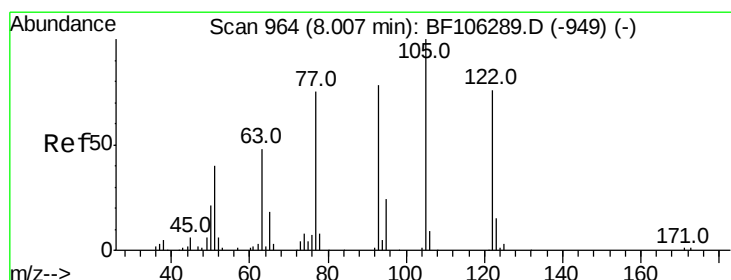
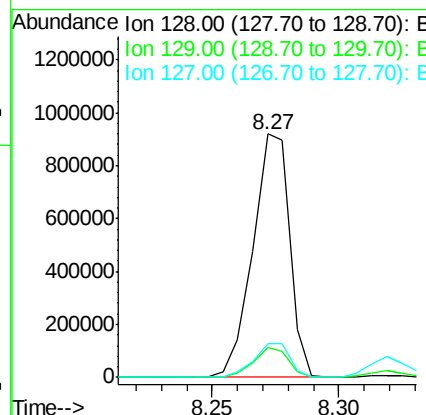
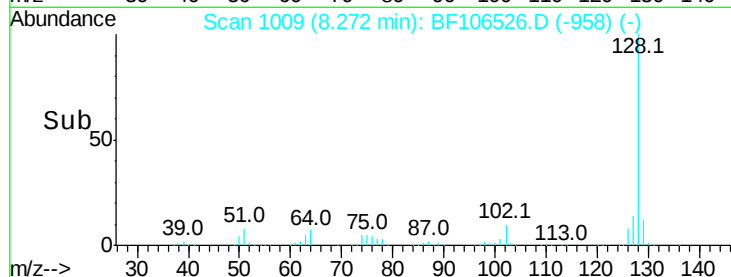
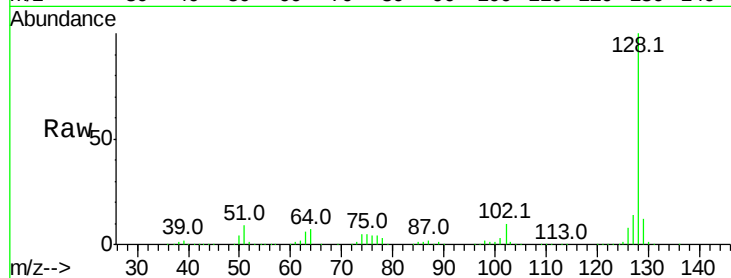
ClientSampleId :

PB110285BS

Tot Ion:	128	Resp:	934423
Ion Ratio	Lower	Upper	
128	100		
129	12.2	8.8	13.2
127	13.9	10.9	16.3

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#32

Benzoic acid

Concen: 32.290 ng

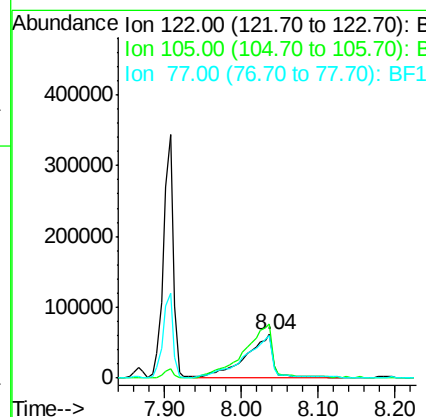
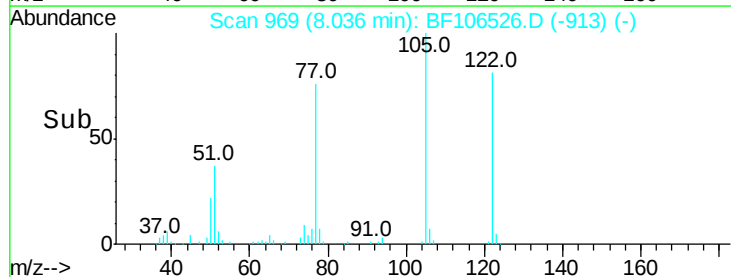
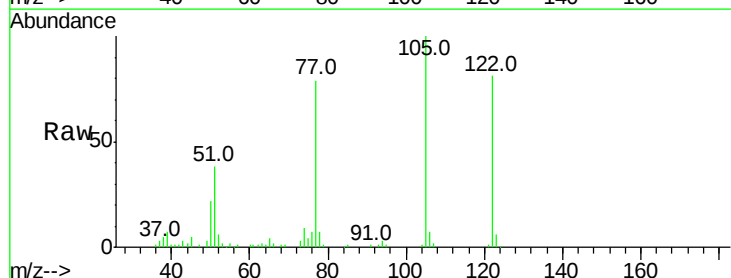
RT: 8.04 min Scan# 969

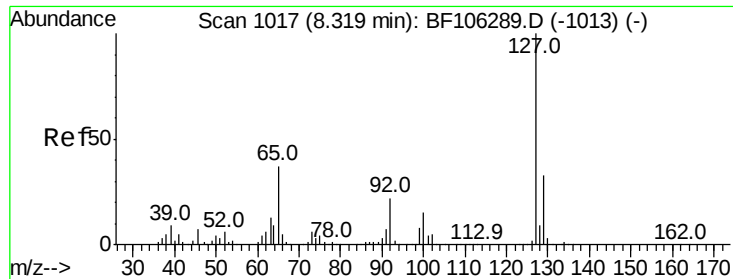
Delta R.T. 0.03 min

Lab File: BF106526.D

Acq: 18 Jun 2018 9:37

Tgt Ion:	122	Resp:	153295
Ion Ratio	Lower	Upper	
122	100		
105	123.3	101.1	141.1
77	97.2	70.7	110.7





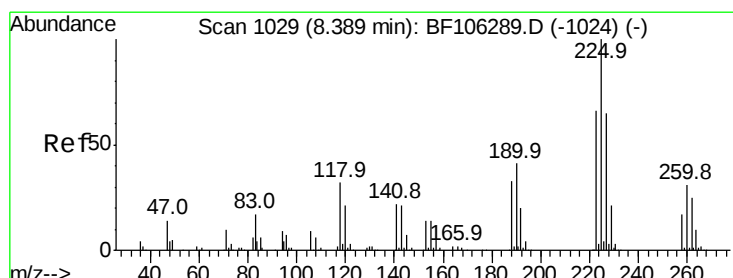
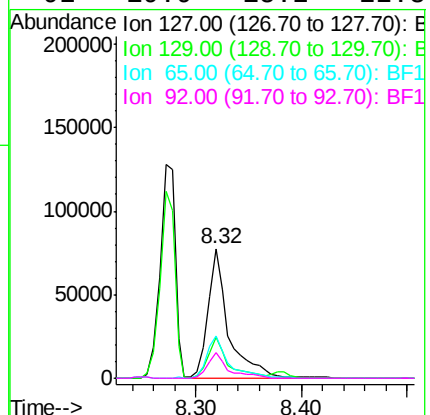
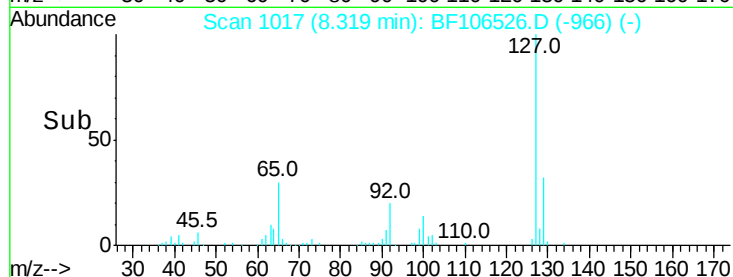
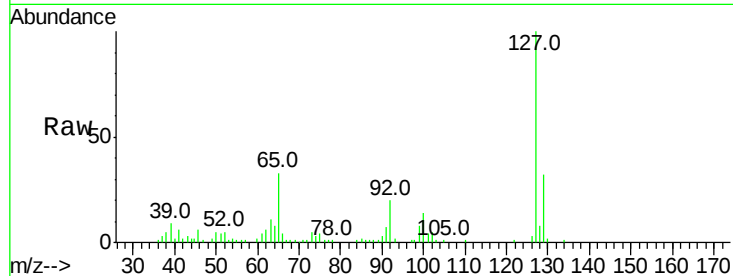
#33
4-Chloroaniline
Concen: 10.500 ng
RT: 8.32 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF106526.D
Acq: 18 Jun 2018 9:37

Instrument :
BNA_F
ClientSampleId :
PB110285BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.7	25.9	38.9	
65	32.8	25.0	37.4	
92	19.9	15.2	22.8	

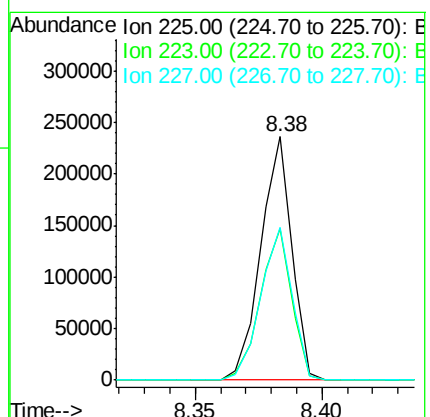
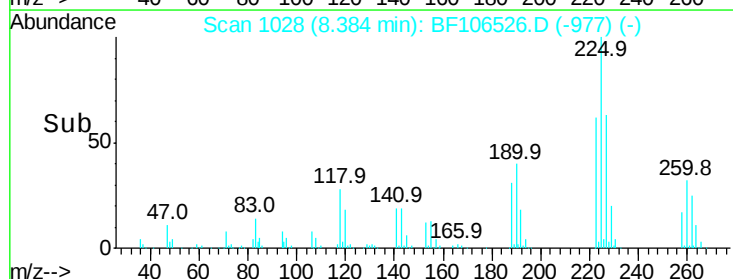
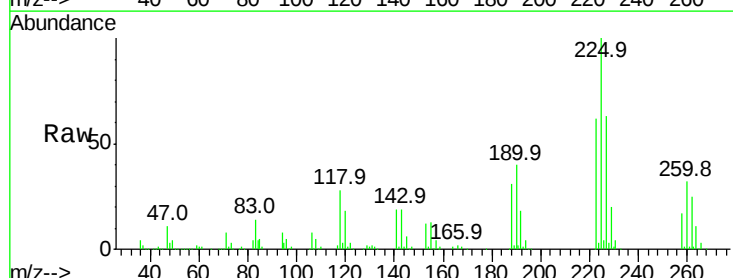
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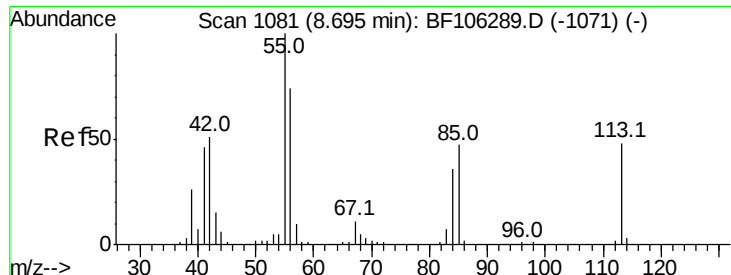
Sohil
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#34
Hexachlorobutadiene
Concen: 41.274 ng
RT: 8.38 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF106526.D
Acq: 18 Jun 2018 9:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.4	50.6	76.0	
227	62.7	51.9	77.9	





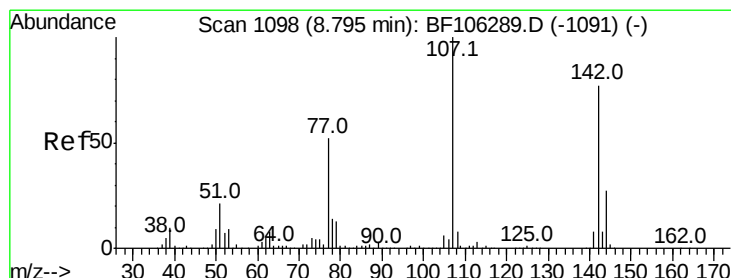
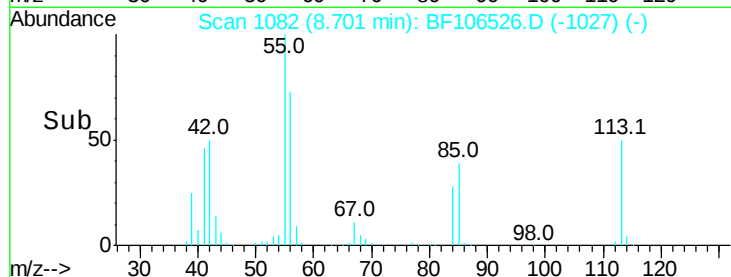
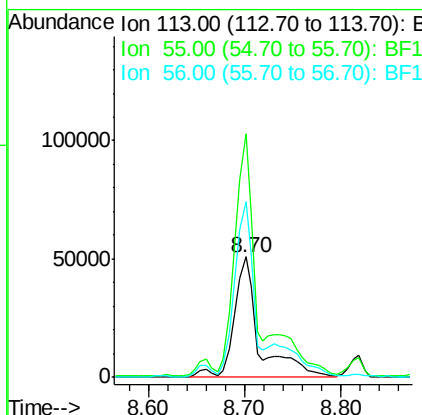
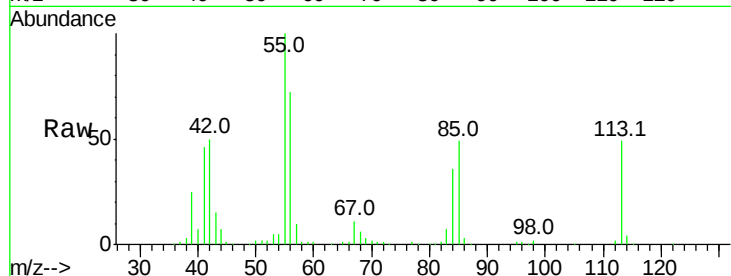
#35
 Caprolactam
 Concen: 40.386 ng/ml
 RT: 8.70 min Scan# 1082
 Delta R.T. 0.02 min
 Lab File: BF106526.D
 Acq: 18 Jun 2018 9:37

Instrument :
 BNA_F
 ClientSampled :
 PB110285BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	202.6	163.3	203.3
56	146.5	115.7	155.7

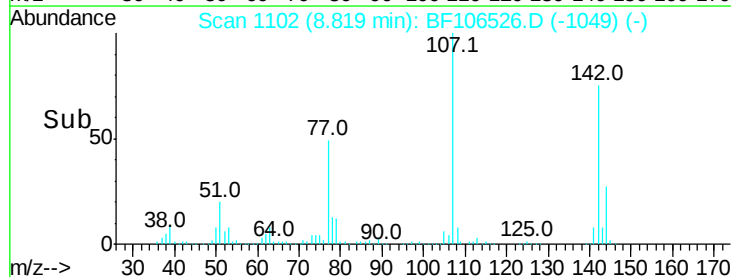
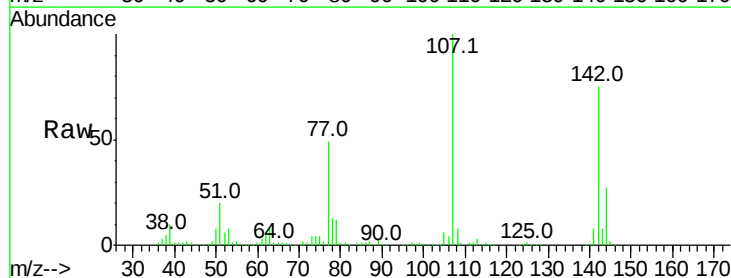
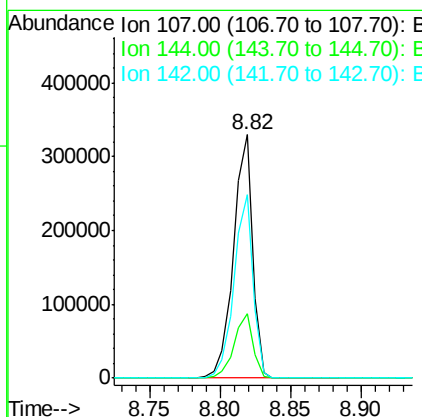
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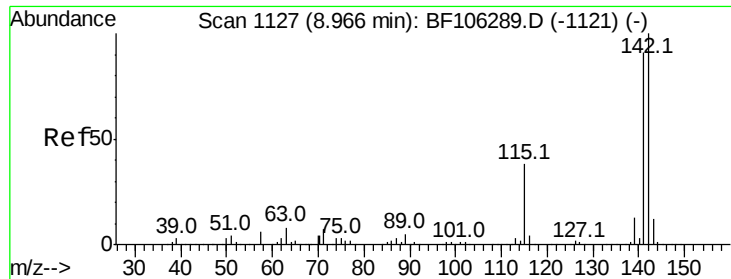
Sohil
 6/19/2018 5:59:30 PM



#36
 4-Chloro-3-methylphenol
 Concen: 41.402 ng/ml
 RT: 8.82 min Scan# 1102
 Delta R.T. 0.01 min
 Lab File: BF106526.D
 Acq: 18 Jun 2018 9:37

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.6	20.5	30.7
142	75.4	62.0	93.0





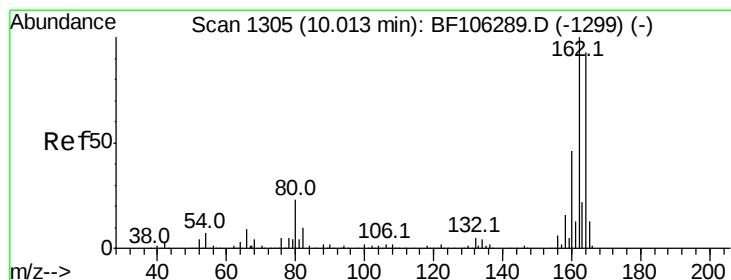
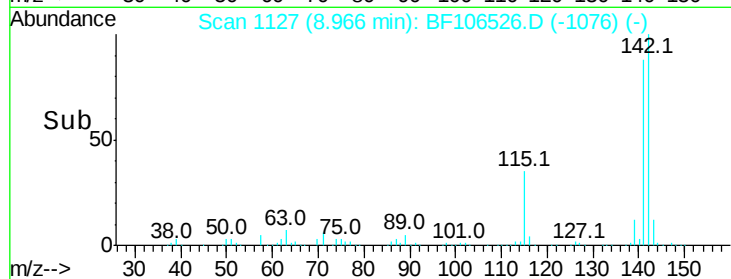
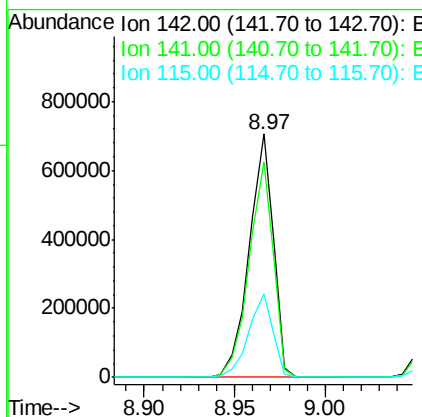
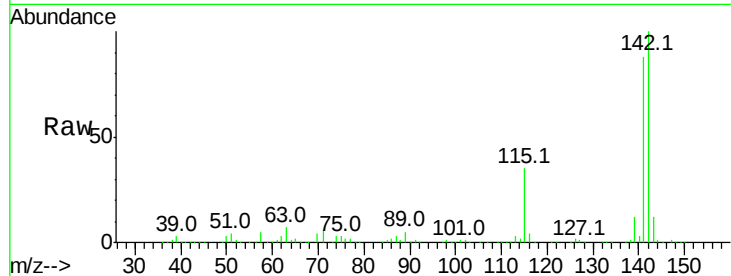
#37
2-Methylnaphthalene
Concen: 42.310 ng
RT: 8.97 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF106526.D
Acq: 18 Jun 2018 9:37

Instrument :
BNA_F
ClientSampleId :
PB110285BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.8	106.2
115	34.5	26.1	39.1

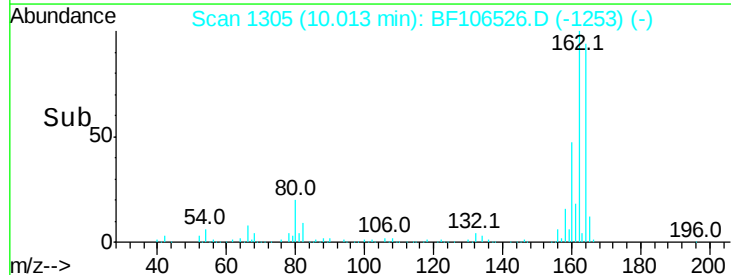
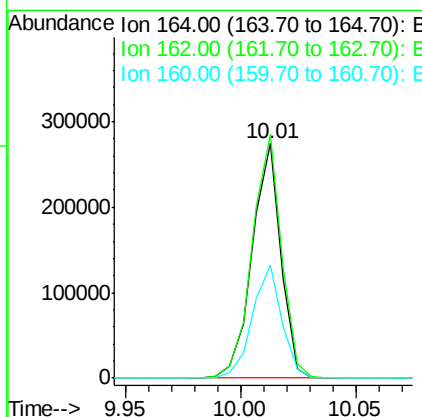
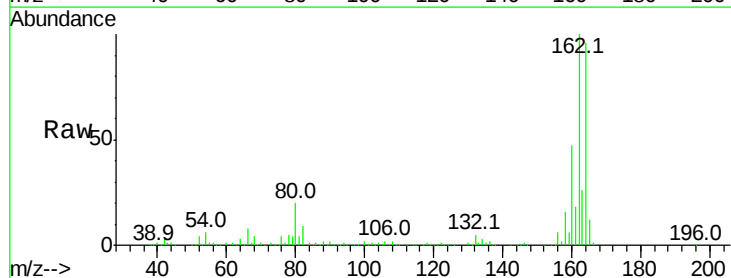
Manual Integrations
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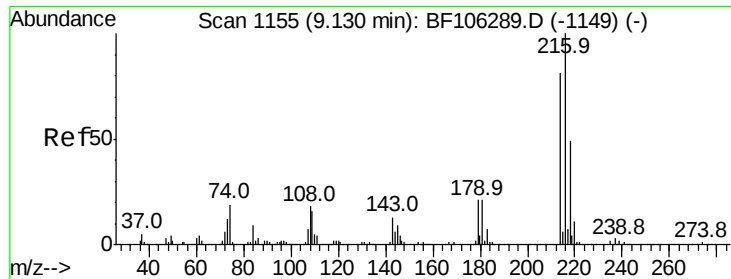
Sohil
6/19/2018 5:59:30 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. 0.01 min
Lab File: BF106526.D
Acq: 18 Jun 2018 9:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	48.5	38.3	57.5





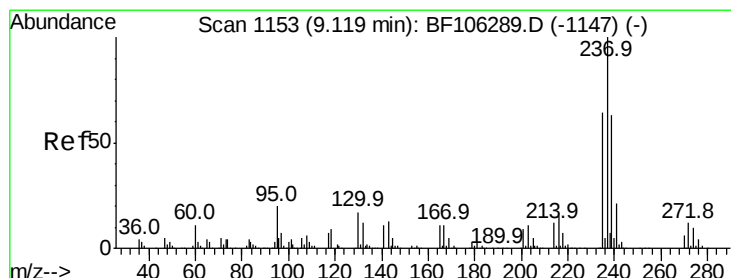
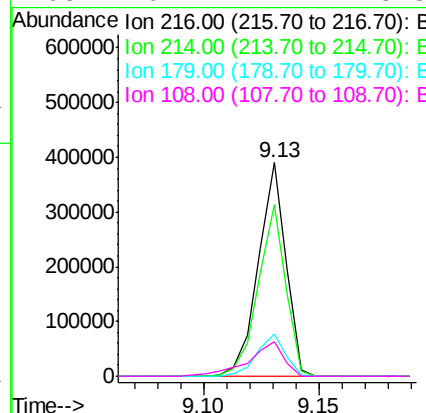
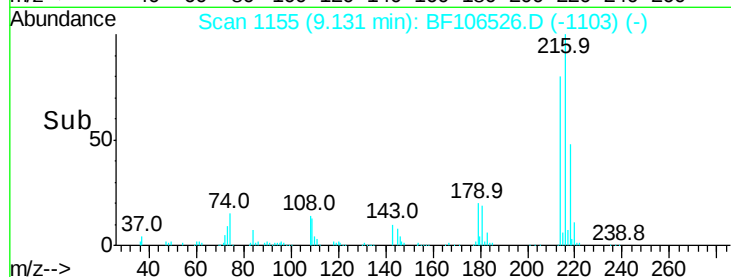
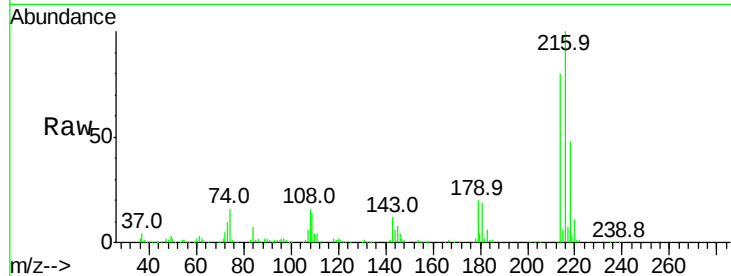
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.140 ng
 RT: 9.13 min Scan# 1155
 Delta R.T. 0.01 min
 Lab File: BF106526.D
 Acq: 18 Jun 2018 9:37

Instrument :
 BNA_F
 ClientSampleId :
 PB110285BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.8	63.0	94.4
179	20.1	18.1	27.1
108	20.4	17.2	25.8

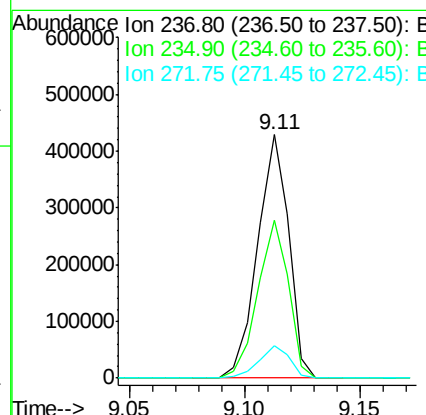
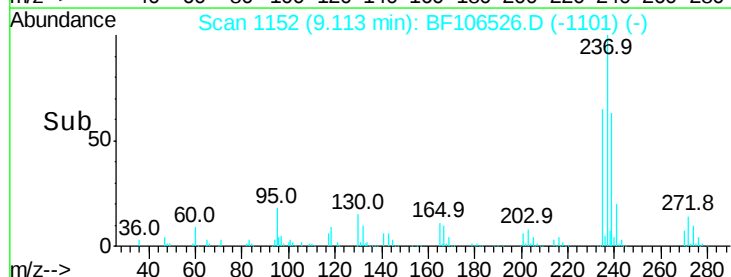
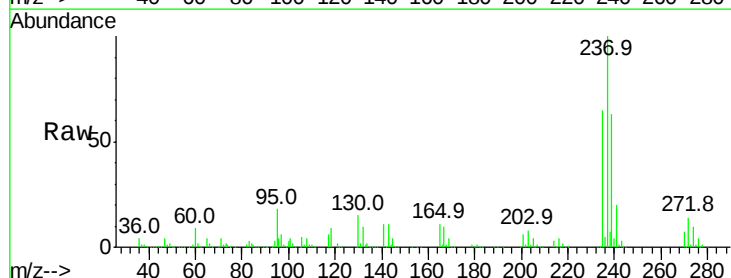
Manual Integrations
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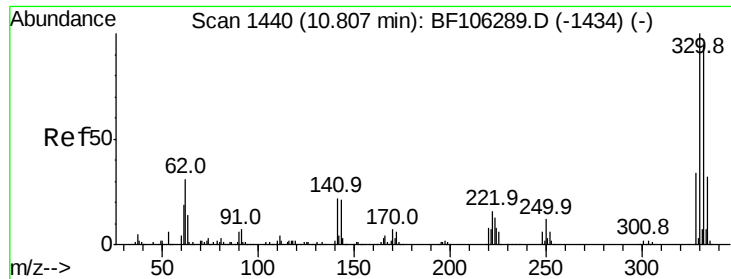
Sohil
 6/19/2018 5:59:30 PM



#40
 Hexachlorocyclopentadiene
 Concen: 94.576 ng
 RT: 9.11 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BF106526.D
 Acq: 18 Jun 2018 9:37

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	64.7	44.8	84.8
272	13.5	0.0	33.3





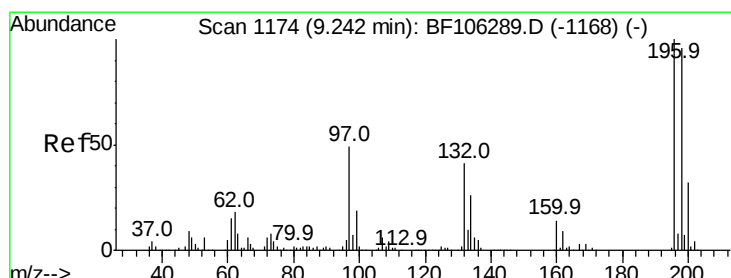
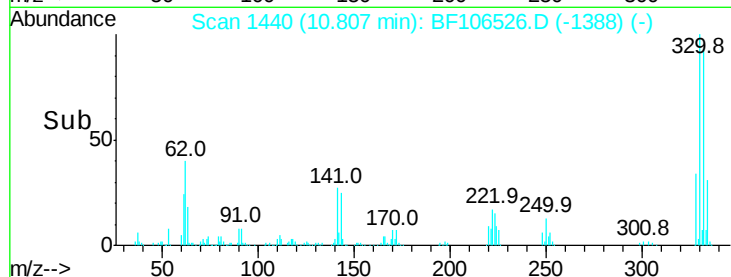
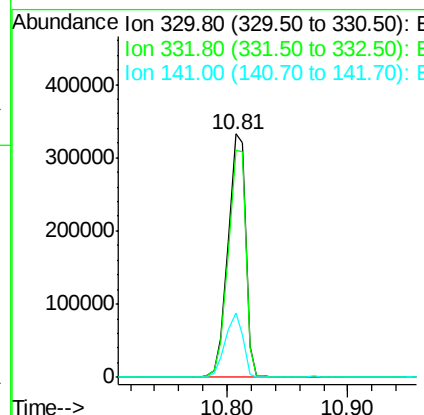
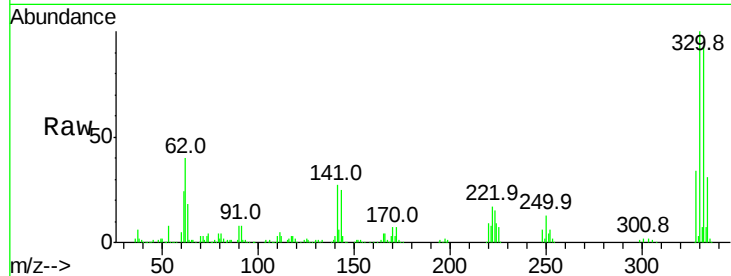
#41
 2,4,6-Tribromophenol
 Concen: 146.935 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: BF106526.D
 Acq: 18 Jun 2018 9:37

Instrument :
 BNA_F
 ClientSampleId :
 PB110285BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.1	77.0	115.6	
141	26.8	29.9	44.9	

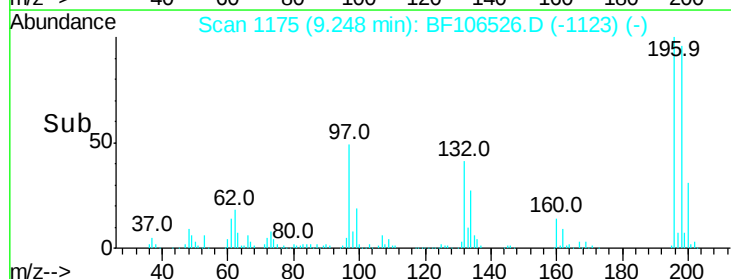
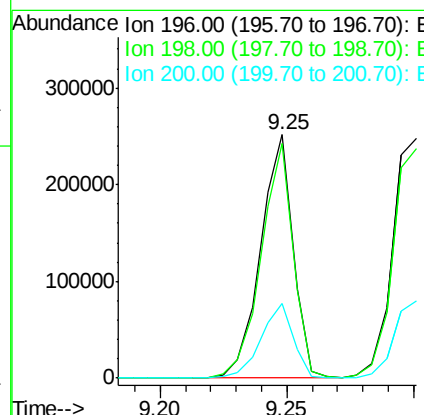
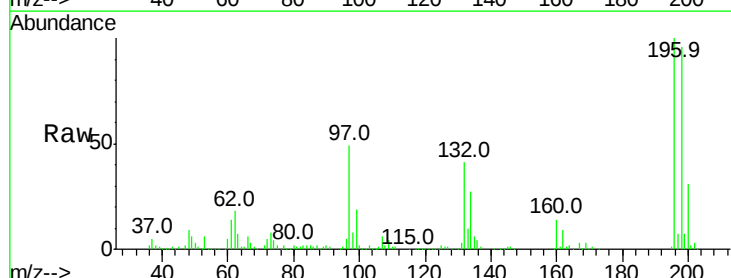
Manual Integrations
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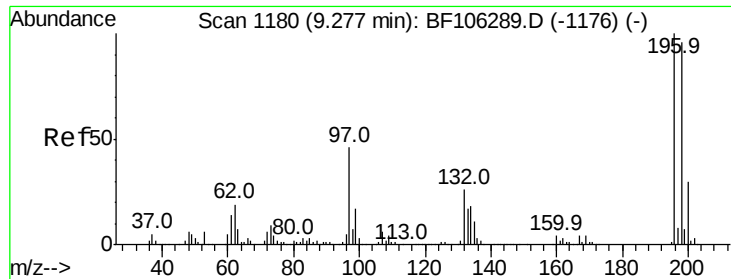
Sohil
 6/19/2018 5:59:30 PM



#42
 2,4,6-Trichlorophenol
 Concen: 45.839 ng
 RT: 9.25 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: BF106526.D
 Acq: 18 Jun 2018 9:37

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	96.2	75.7	113.5	
200	30.6	24.5	36.7	





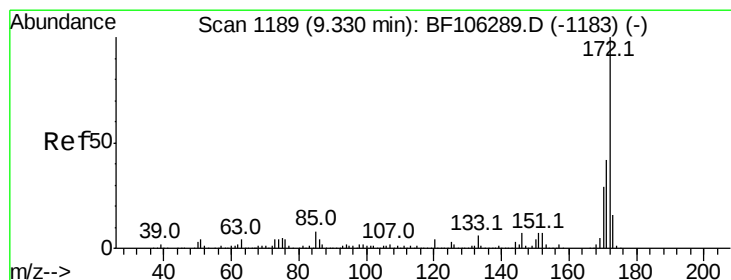
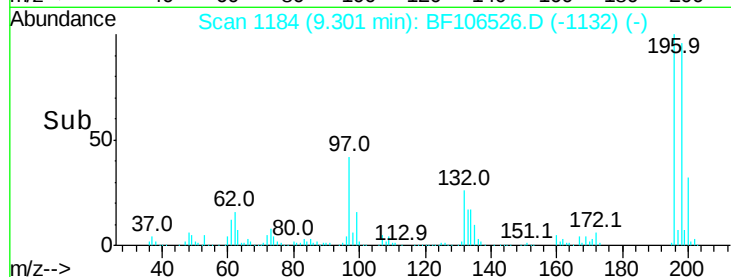
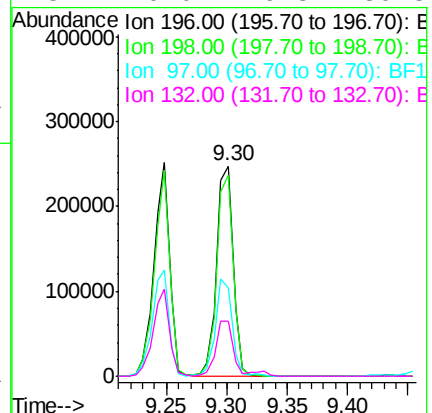
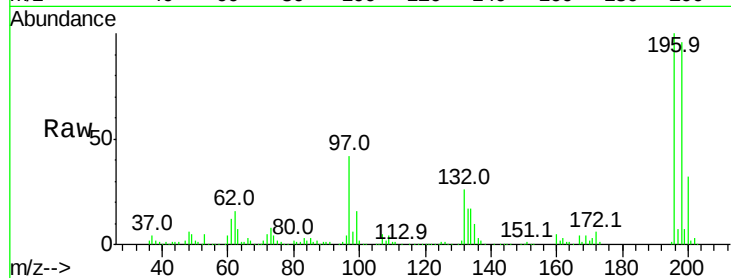
#43
 2,4,5-Trichlorophenol
 Concen: 44.017 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: BF106526.D
 Acq: 18 Jun 2018 9:37

Instrument :
 BNA_F
 ClientSampleId :
 PB110285BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.9	74.6	112.0	
97	42.0	42.9	64.3#	
132	26.0	26.3	39.5#	

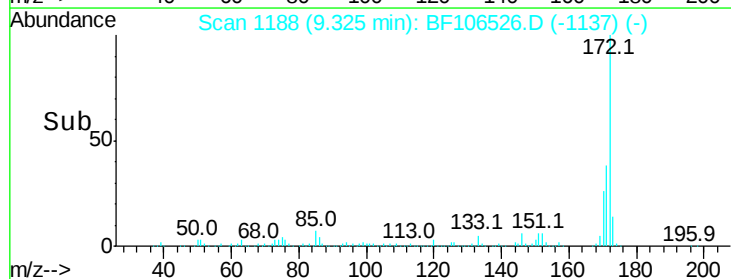
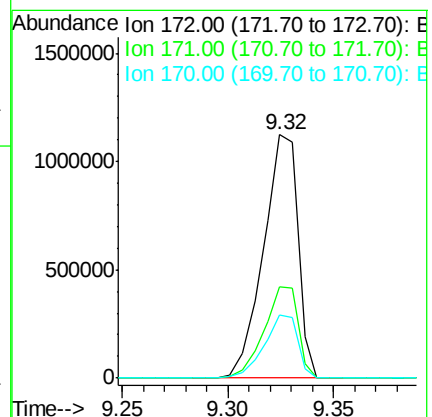
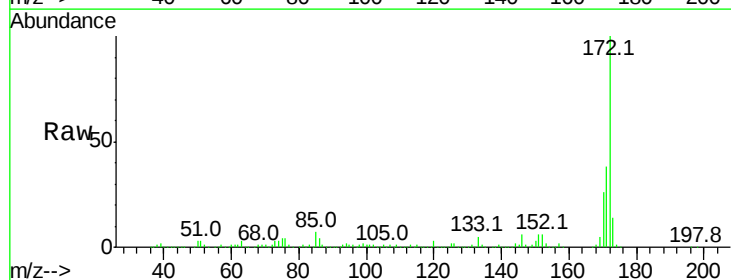
Manual Integrations
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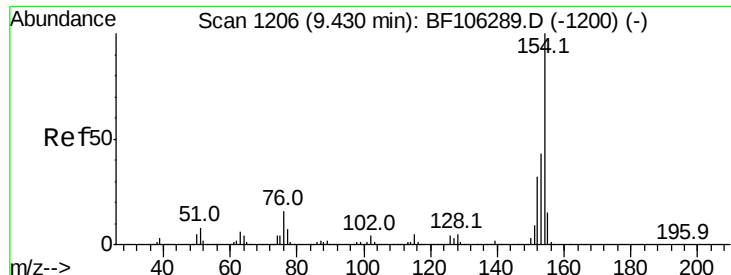
Sohil
 6/19/2018 5:59:30 PM



#44
 2-Fluorobiphenyl
 Concen: 100.655 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF106526.D
 Acq: 18 Jun 2018 9:37

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	37.7	29.7	44.5	
170	26.1	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 41.264 ng

RT: 9.43 min Scan# 1206

Delta R.T. 0.01 min

Lab File: BF106526.D

Acq: 18 Jun 2018 9:37

Instrument :

BNA_F

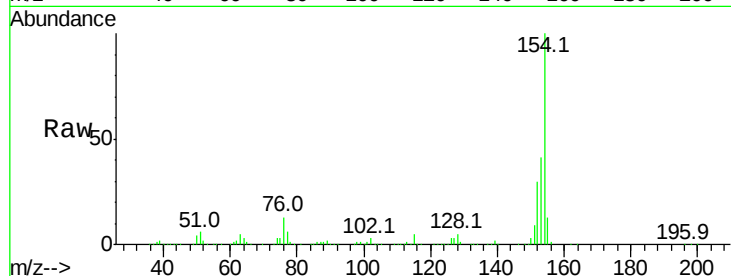
ClientSampled :

PB110285BS

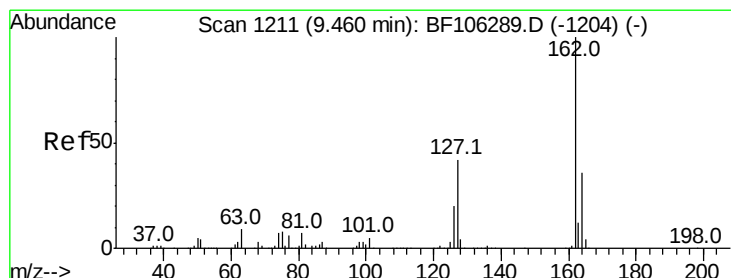
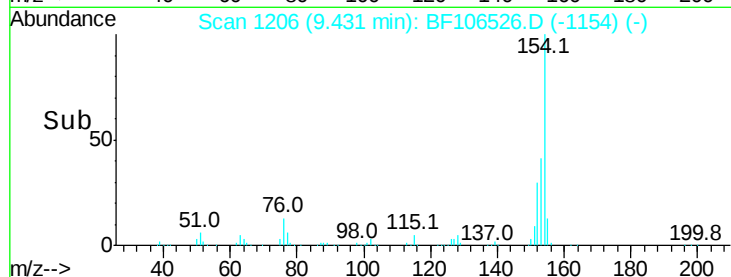
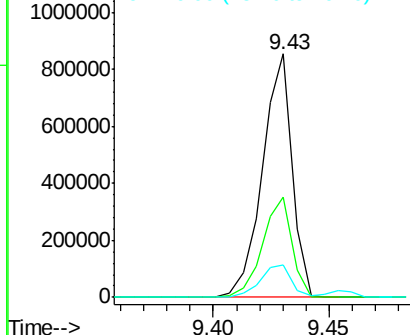
Tot Ion:	154	Resp:	762524
Ion Ratio	Lower	Upper	
154	100		
153	41.4	21.3	61.3
76	13.3	0.0	34.0

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: 41.203 ng

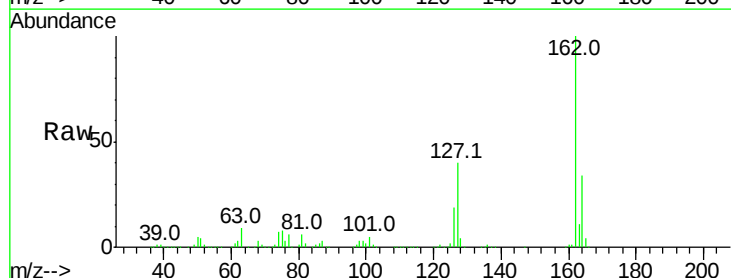
RT: 9.46 min Scan# 1211

Delta R.T. 0.01 min

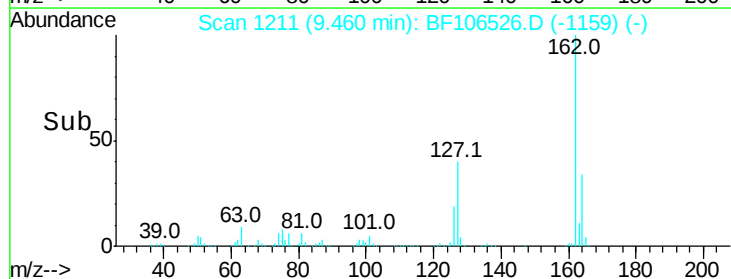
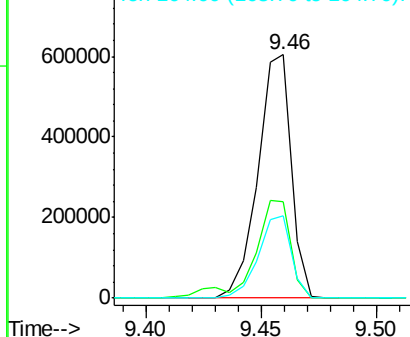
Lab File: BF106526.D

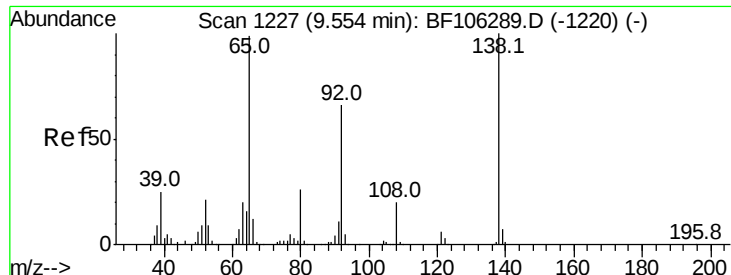
Acq: 18 Jun 2018 9:37

Tgt Ion:	162	Resp:	609314
Ion Ratio	Lower	Upper	
162	100		
127	39.6	33.9	50.9
164	33.8	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





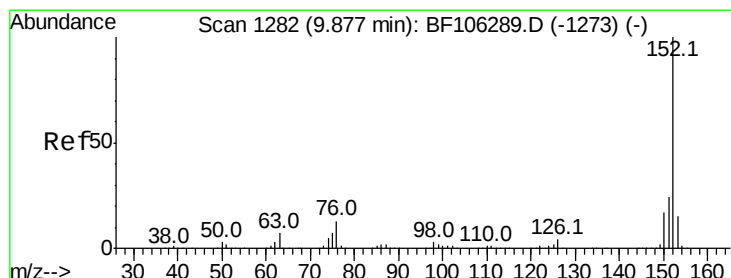
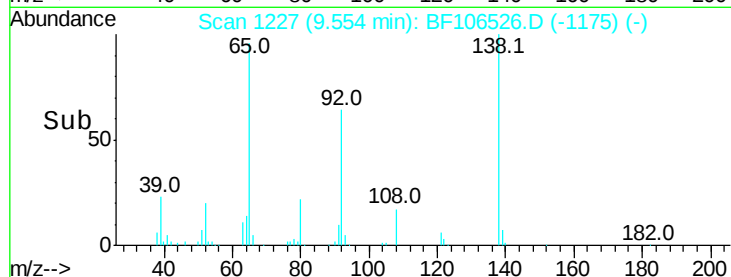
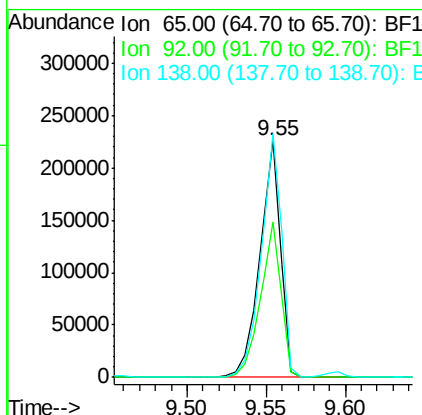
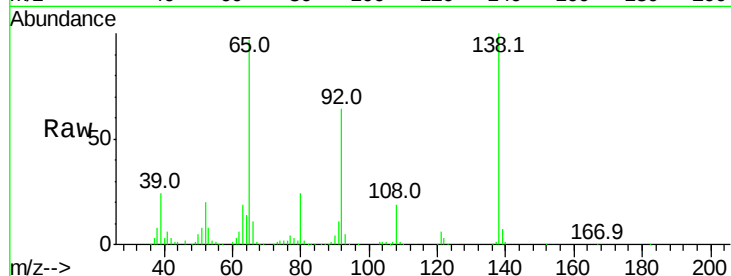
#47
2-Nitroaniline
Concen: 44.544 ng
RT: 9.55 min Scan# 1227
Delta R.T. 0.01 min
Lab File: BF106526.D
Acq: 18 Jun 2018 9:37

Instrument :
BNA_F
ClientSampleId :
PB110285BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.8	55.8	83.6
138	102.8	91.2	136.8

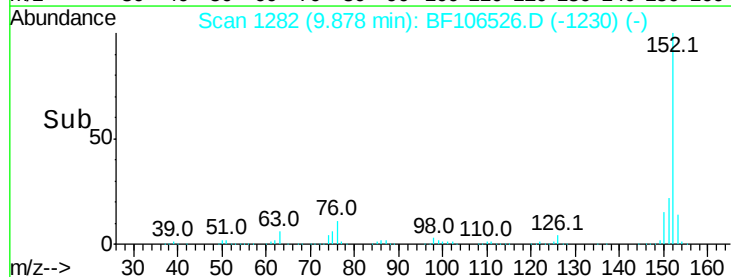
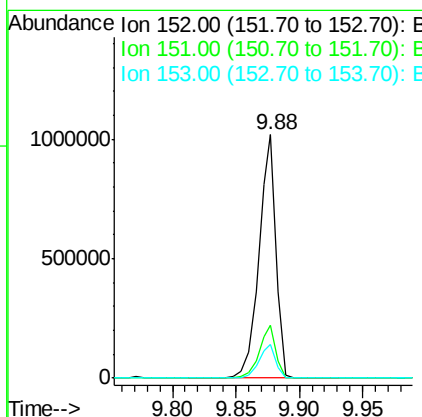
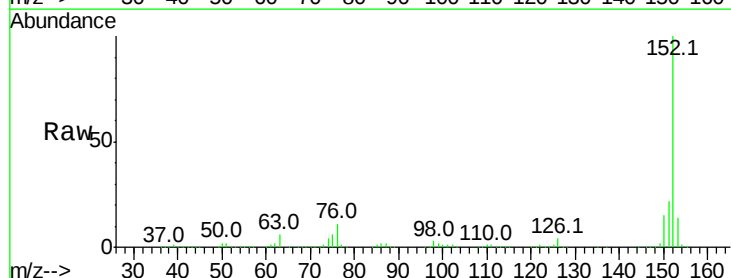
Manual Integrations
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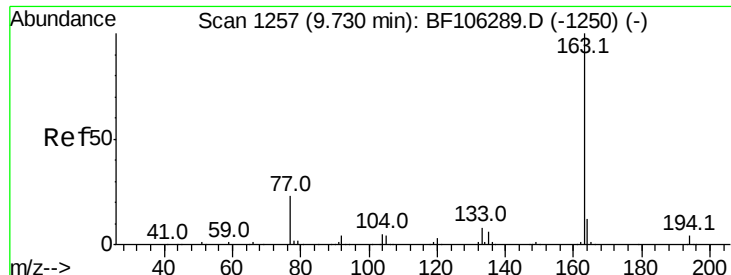
Sohil
6/19/2018 5:59:30 PM



#48
Acenaphthylene
Concen: 42.448 ng
RT: 9.88 min Scan# 1282
Delta R.T. 0.01 min
Lab File: BF106526.D
Acq: 18 Jun 2018 9:37

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.7	16.3	24.5
153	13.6	10.7	16.1





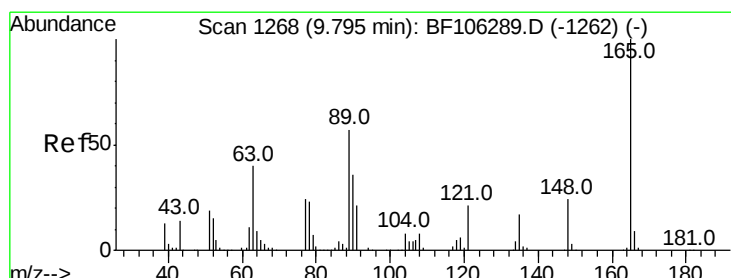
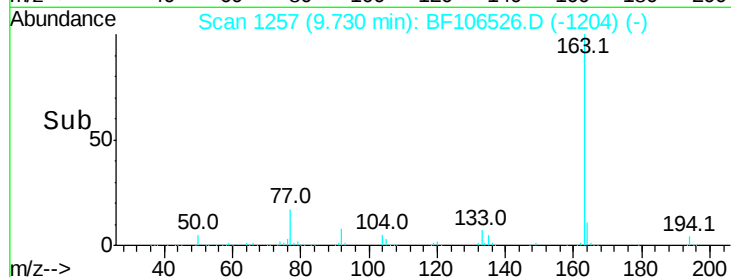
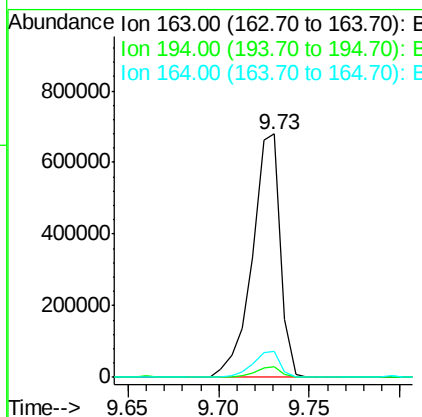
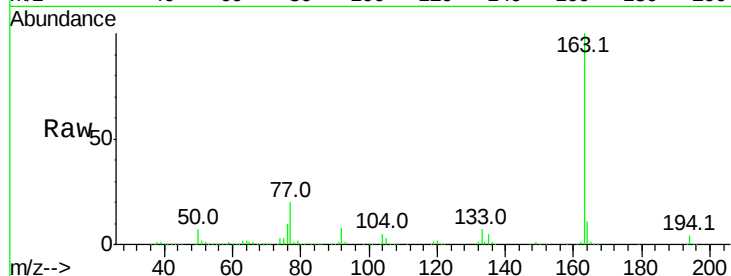
#49
Dimethylphthalate
Concen: 42.928 ng
RT: 9.73 min Scan# 1257
Delta R.T. 0.01 min
Lab File: BF106526.D
Acq: 18 Jun 2018 9:37

Instrument :
BNA_F
ClientSampleId :
PB110285BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.2	2.7	4.1#	
164	10.5	8.2	12.2	

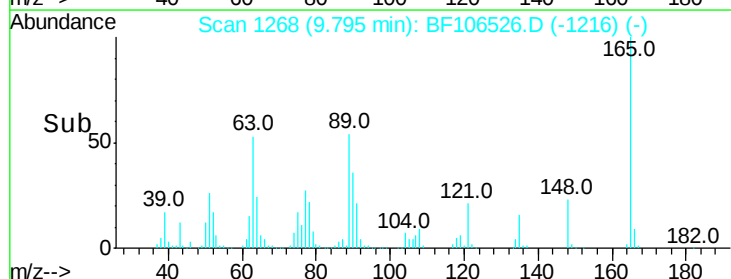
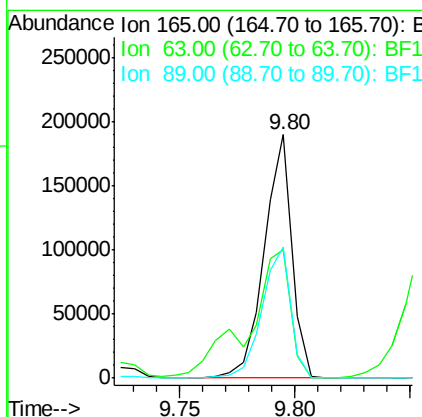
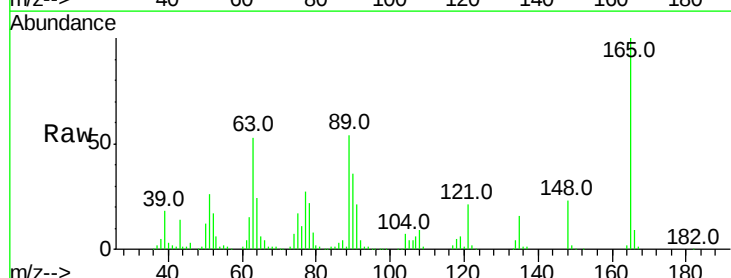
Manual Integrations
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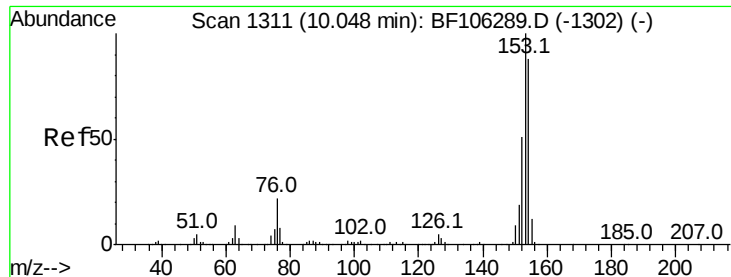
Sohil
6/19/2018 5:59:30 PM



#50
2,6-Dinitrotoluene
Concen: 45.349 ng
RT: 9.80 min Scan# 1268
Delta R.T. 0.01 min
Lab File: BF106526.D
Acq: 18 Jun 2018 9:37

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	52.9	44.7	67.1	
89	53.8	44.0	66.0	





#51

Acenaphthene

Concen: 38.489 ng

RT: 10.05 min Scan# 1311

Delta R.T. 0.01 min

Lab File: BF106526.D

Acq: 18 Jun 2018 9:37

Instrument :

BNA_F

ClientSampleId :

PB110285BS

Tot Ion:154 Resp: 562628

Ion Ratio Lower Upper

154 100

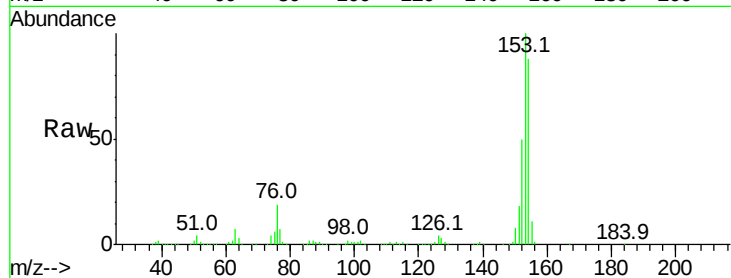
153 113.2 91.2 136.8

152 56.8 43.8 65.8

Manual Integrations
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6/19/2018 5:59:30 PM



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

800000

600000

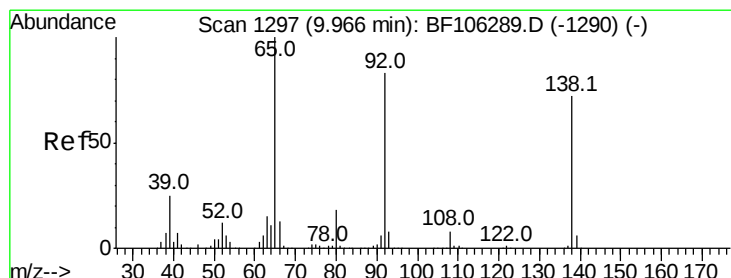
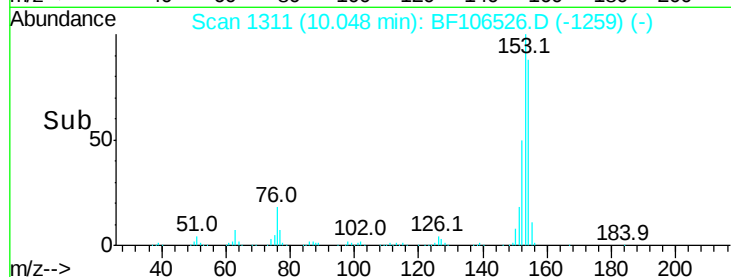
400000

200000

0

10.00 10.05

Time-->



#52

3-Nitroaniline

Concen: 22.786 ng

RT: 9.97 min Scan# 1297

Delta R.T. 0.01 min

Lab File: BF106526.D

Acq: 18 Jun 2018 9:37

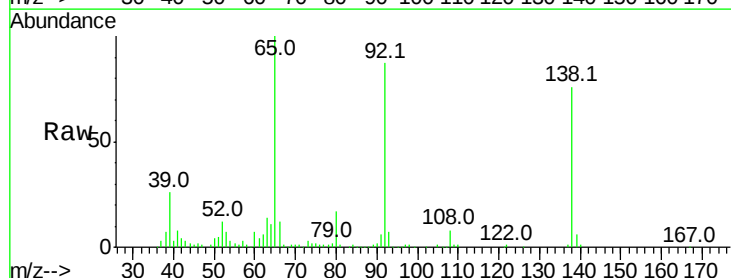
Tgt Ion:138 Resp: 94162

Ion Ratio Lower Upper

138 100

108 11.0 9.4 14.0

92 114.2 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

150000

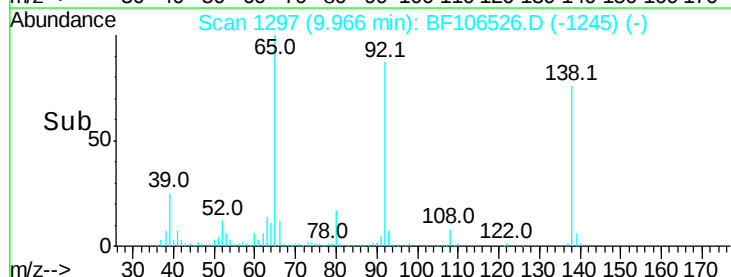
100000

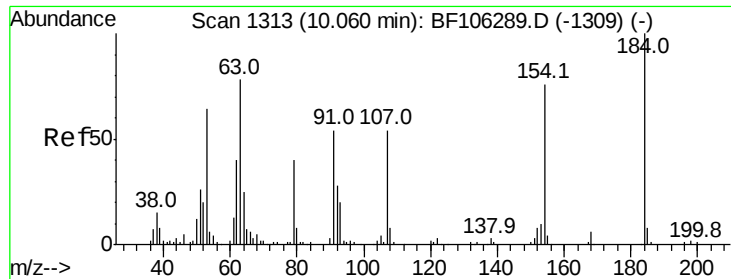
50000

0

9.90 9.95 10.00

Time-->





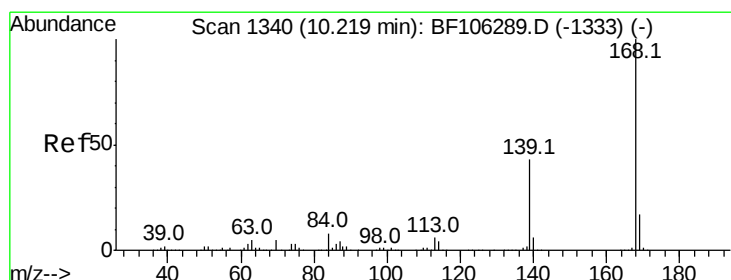
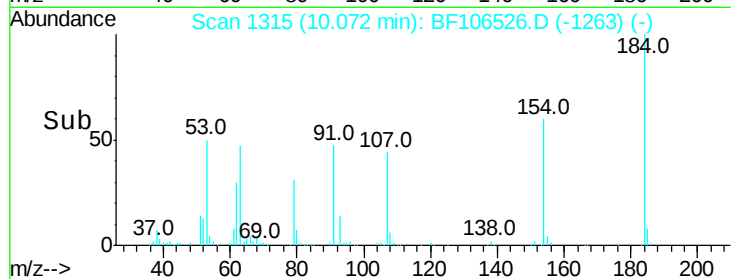
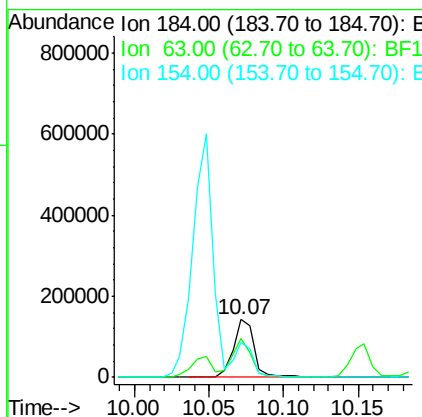
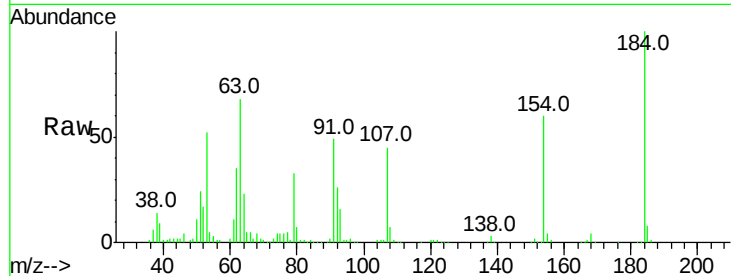
#53
2,4-Dinitrophenol
Concen: 87.961 ng
RT: 10.07 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF106526.D
Acq: 18 Jun 2018 9:37

Instrument :
BNA_F
ClientSampleId :
PB110285BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	67.7	54.2	81.2
154	60.0	184.0	276.0#

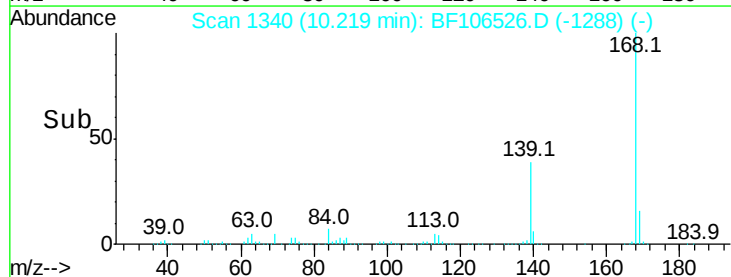
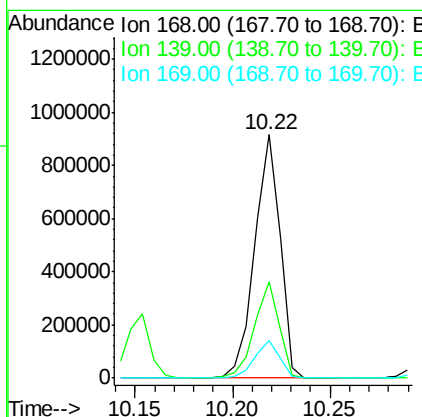
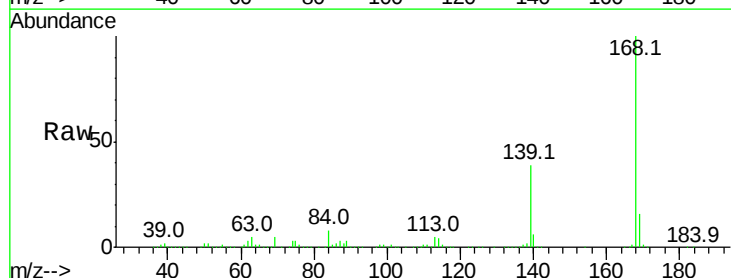
Manual Integrations
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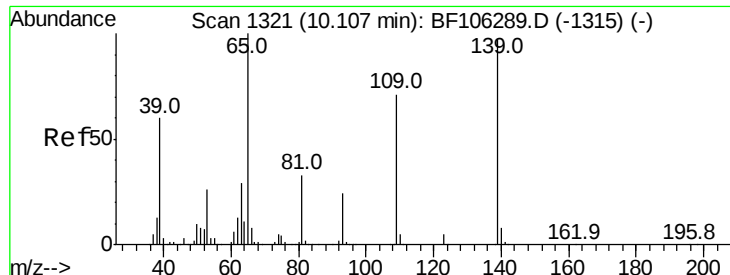
Sohil
6/19/2018 5:59:30 PM



#54
Dibenzofuran
Concen: 41.837 ng
RT: 10.22 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF106526.D
Acq: 18 Jun 2018 9:37

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.4	30.1	45.1
169	15.6	10.9	16.3





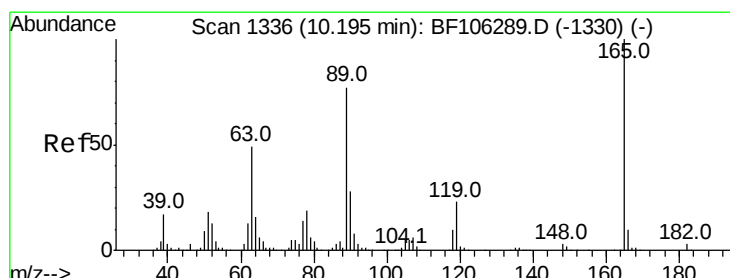
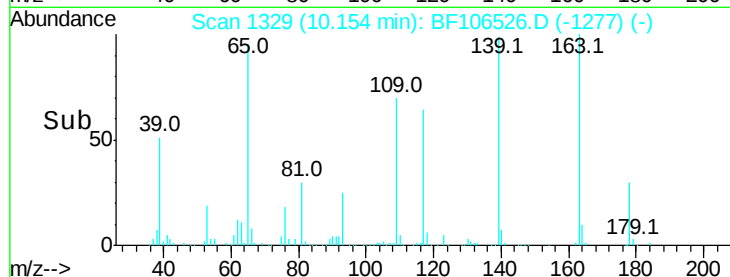
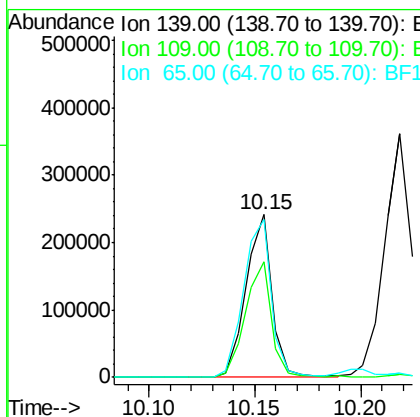
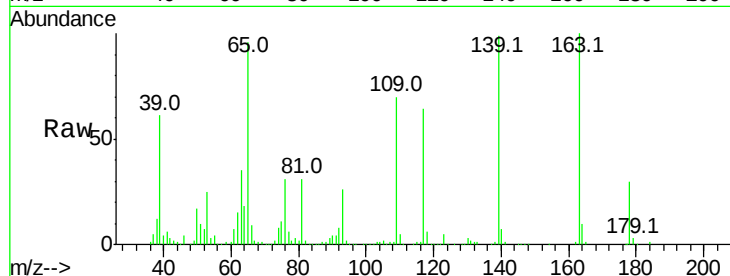
#55
4-Nitrophenol
Concen: 65.381 ng
RT: 10.15 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF106526.D
Acq: 18 Jun 2018 9:37

Instrument :
BNA_F
ClientSampleId :
PB110285BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	207094		
109	70.8	48.4	88.4	
65	97.0	72.6	112.6	

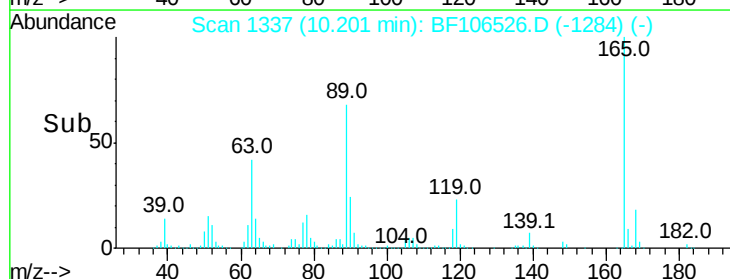
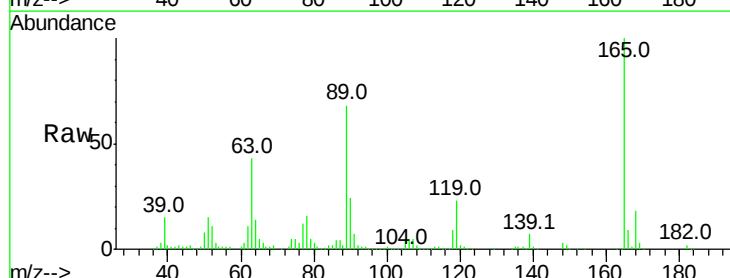
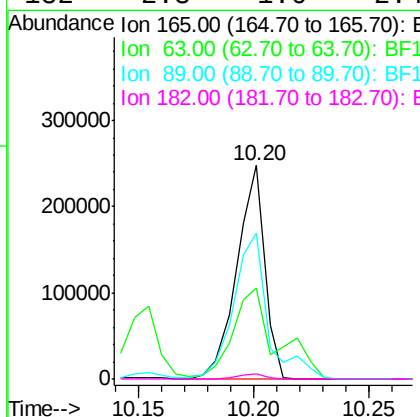
Manual Integrations
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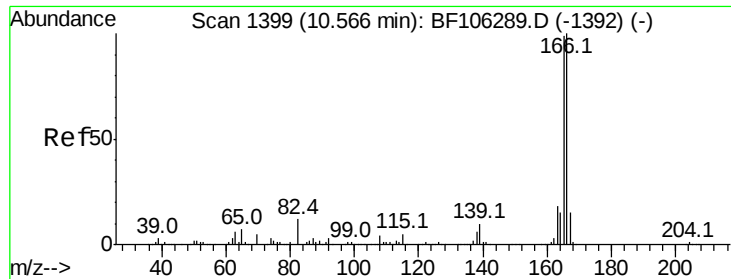
Sohil
6/19/2018 5:59:30 PM



#56
2,4-Dinitrotoluene
Concen: 47.951 ng
RT: 10.20 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF106526.D
Acq: 18 Jun 2018 9:37

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	209651		
63	42.6	36.4	54.6	
89	68.3	57.8	86.6	
182	2.3	1.6	2.4	





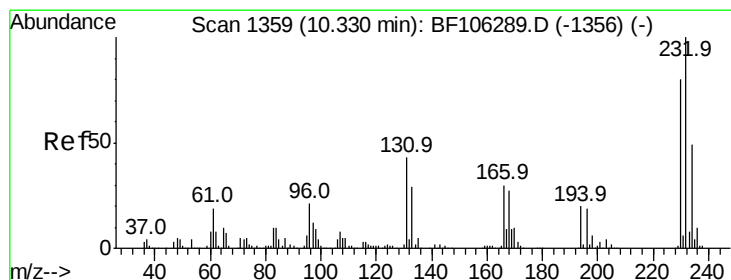
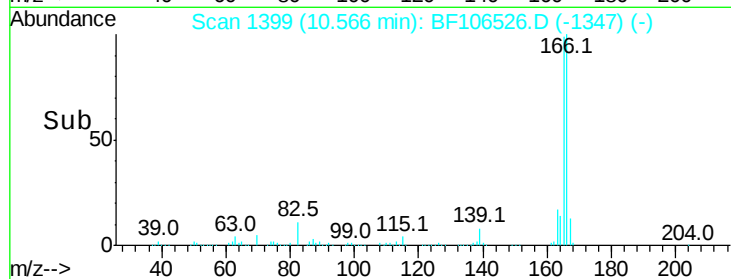
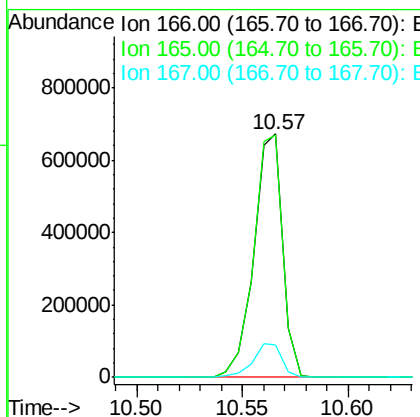
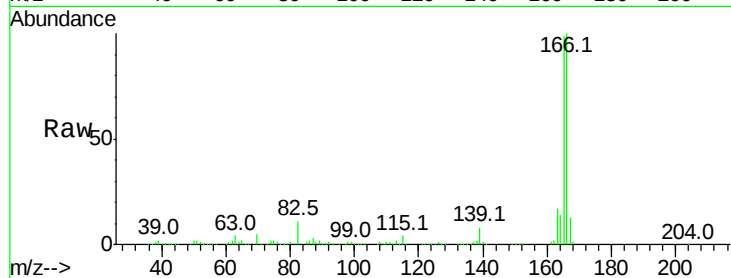
#57
 Fluorene
 Concen: 40.877 ng
 RT: 10.57 min Scan# 1399
 Delta R.T. 0.01 min
 Lab File: BF106526.D
 Acq: 18 Jun 2018 9:37

Instrument :
 BNA_F
 ClientSampleId :
 PB110285BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.5	79.8	119.8	
167	13.4	10.6	16.0	

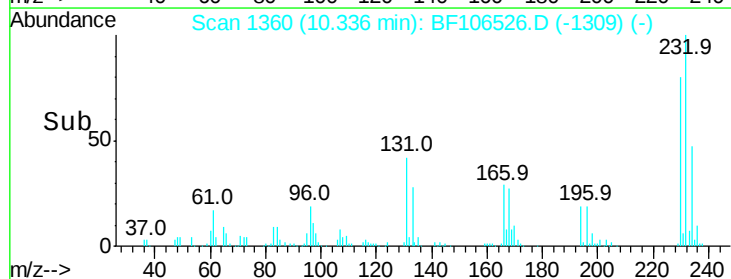
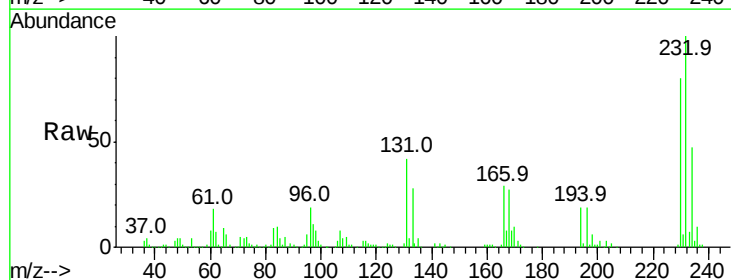
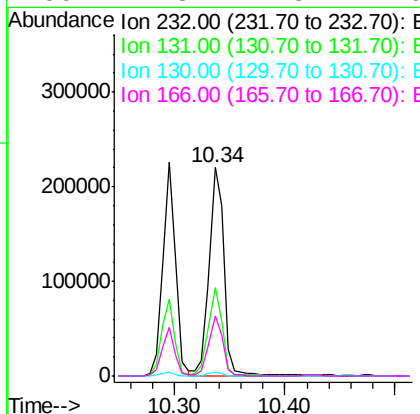
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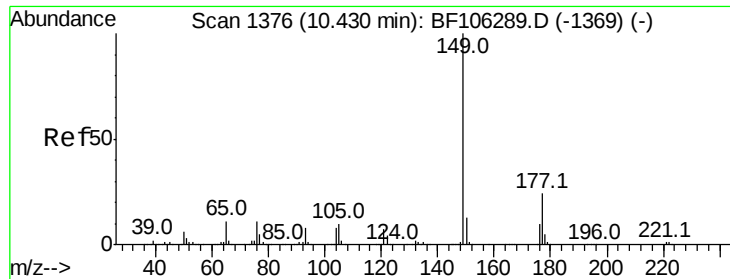
Sohil
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.167 ng
 RT: 10.34 min Scan# 1360
 Delta R.T. 0.00 min
 Lab File: BF106526.D
 Acq: 18 Jun 2018 9:37

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	39.3	43.8	65.8#	
130	1.9	2.1	3.1#	
166	27.3	27.8	41.6#	





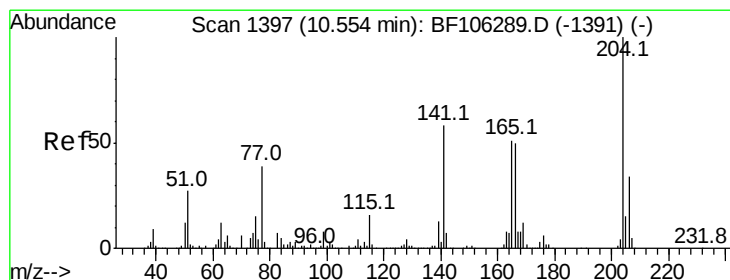
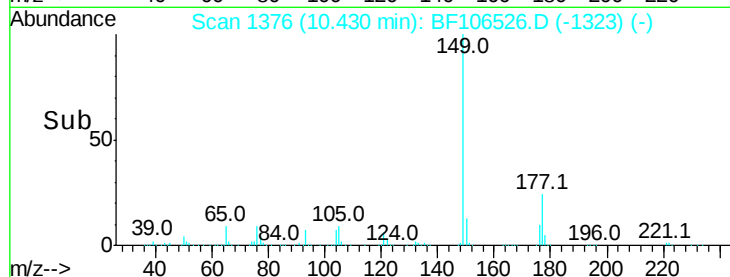
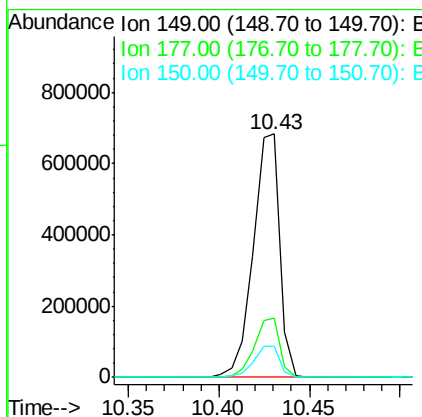
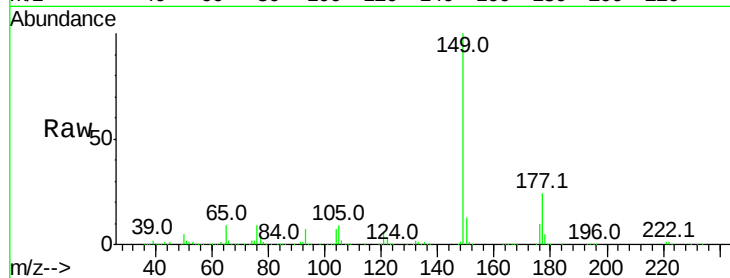
#59
Diethylphthalate
Concen: 41.058 ng
RT: 10.43 min Scan# 1376
Delta R.T. 0.01 min
Lab File: BF106526.D
Acq: 18 Jun 2018 9:37

Instrument :
BNA_F
ClientSampleId :
PB110285BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	694630		
177	24.2	16.1	24.1#	
150	12.8	10.1	15.1	

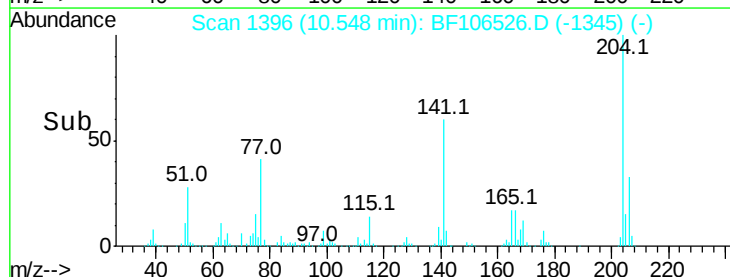
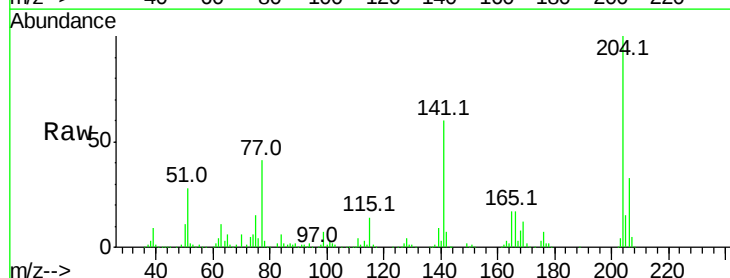
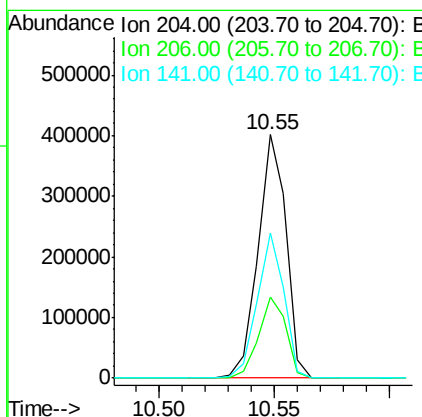
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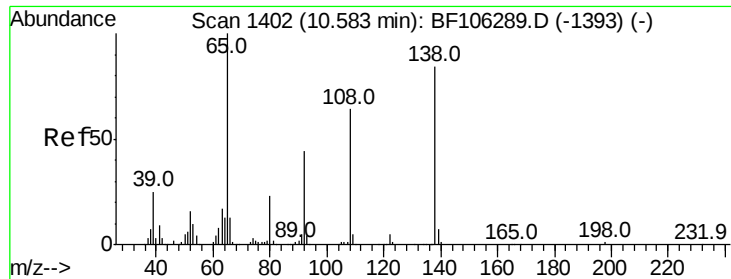
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 41.414 ng
RT: 10.55 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF106526.D
Acq: 18 Jun 2018 9:37

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	339710		
206	33.1	26.5	39.7	
141	59.6	54.6	81.8	





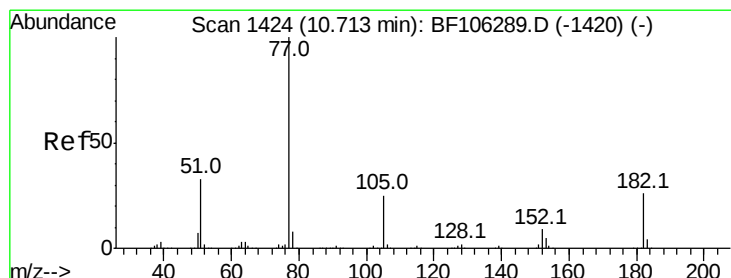
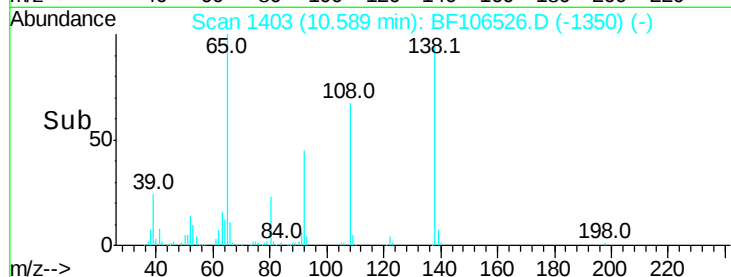
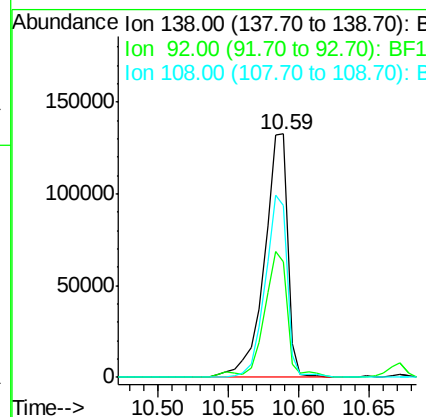
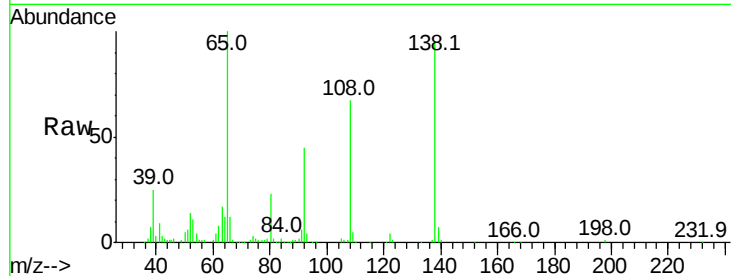
#61
4-Nitroaniline
Concen: 38.811 ng
RT: 10.59 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BF106526.D
Acq: 18 Jun 2018 9:37

Instrument :
BNA_F
ClientSampleId :
PB110285BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.7	30.2	70.2
108	70.5	52.5	92.5

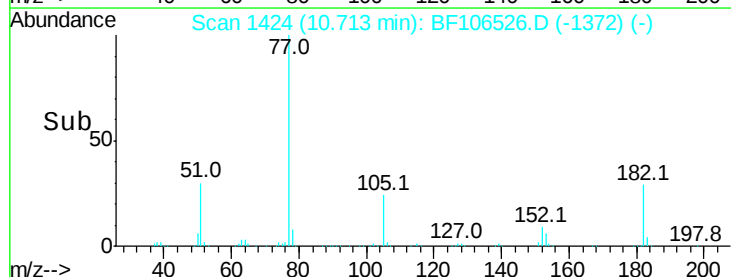
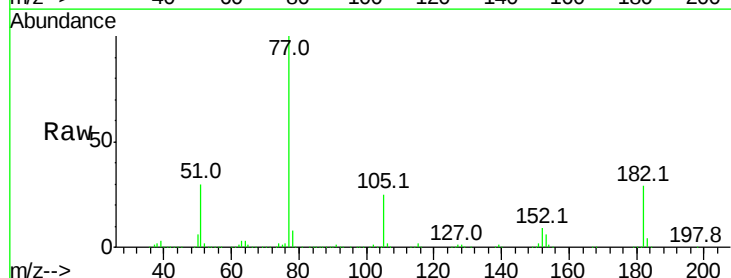
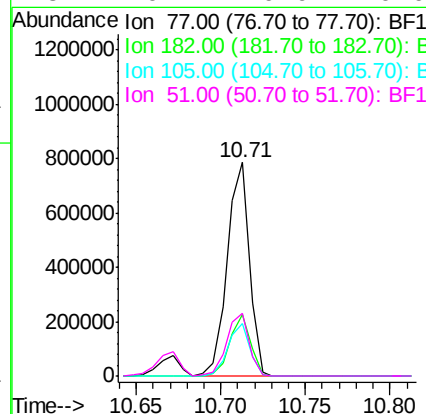
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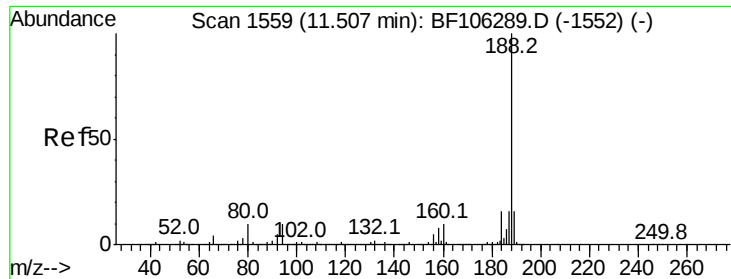
Sohil
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#62
Azobenzene
Concen: 40.570 ng
RT: 10.71 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF106526.D
Acq: 18 Jun 2018 9:37

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.9	1.7	41.7
105	24.6	3.0	43.0
51	29.7	9.9	49.9





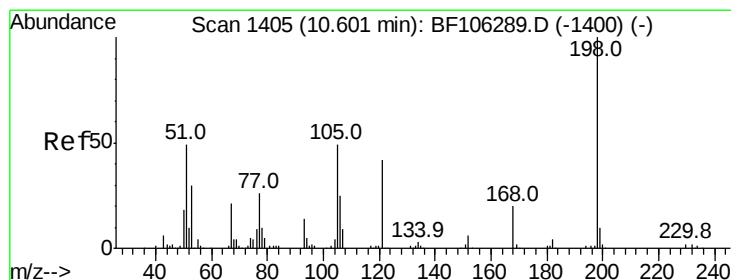
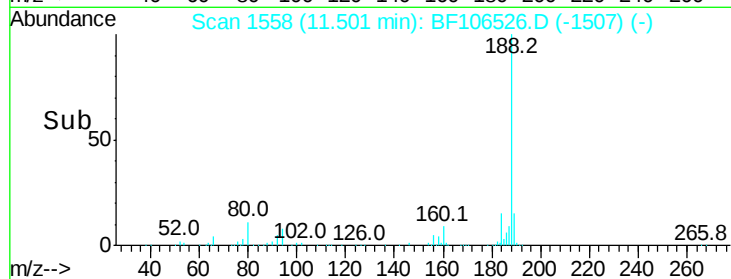
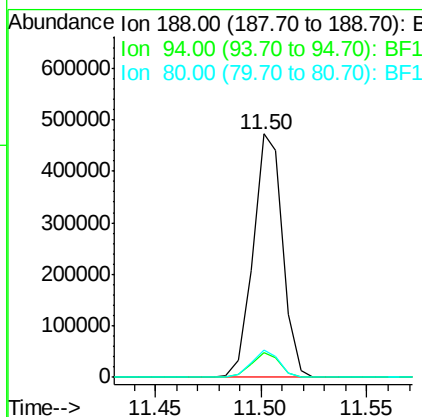
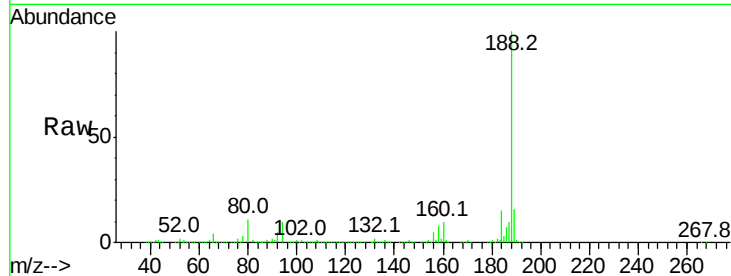
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF106526.D
Acq: 18 Jun 2018 9:37

Instrument :
BNA_F
ClientSampleId :
PB110285BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.3	8.5	12.7	
80	11.4	9.2	13.8	

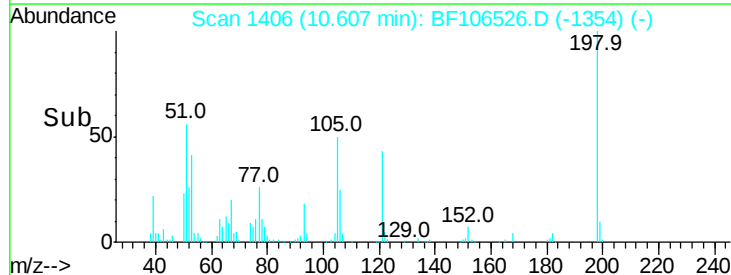
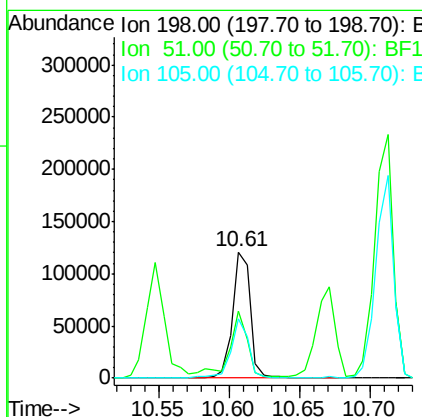
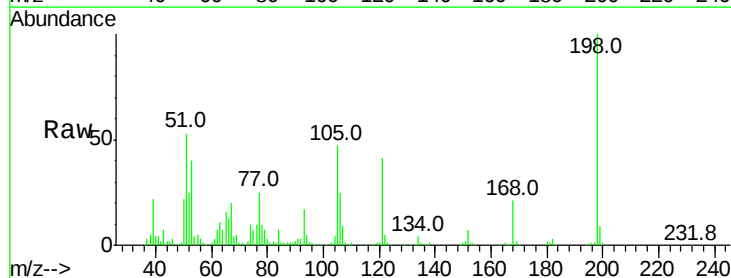
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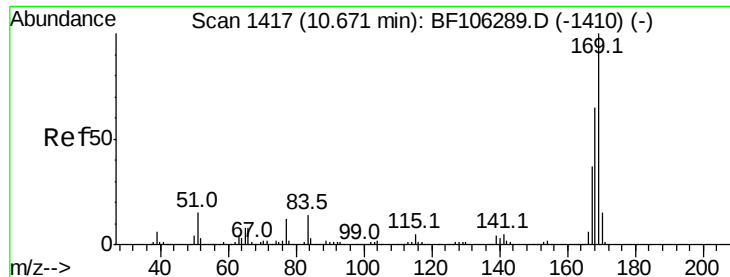
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 43.925 ng
RT: 10.61 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BF106526.D
Acq: 18 Jun 2018 9:37

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	53.1	37.7	77.7	
105	47.4	36.3	76.3	





#65

n-Nitrosodiphenylamine

Concen: 39.503 ng

RT: 10.67 min Scan# 1417

Delta R.T. 0.01 min

Lab File: BF106526.D

Acq: 18 Jun 2018 9:37

Instrument :

BNA_F

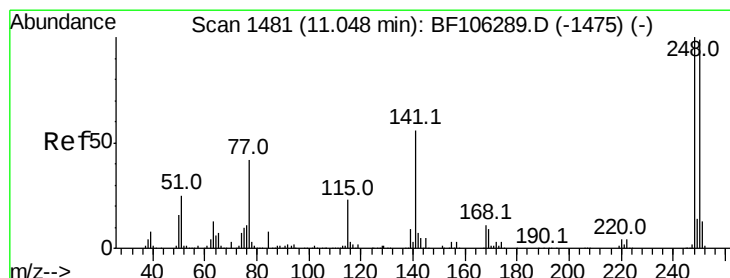
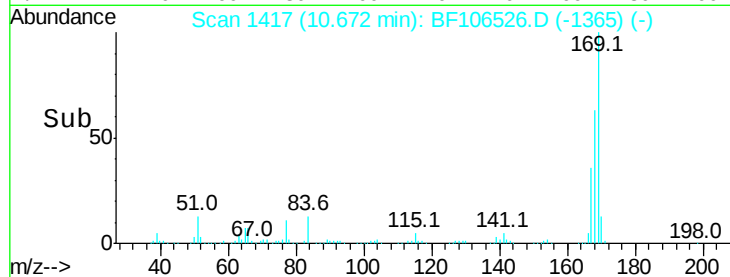
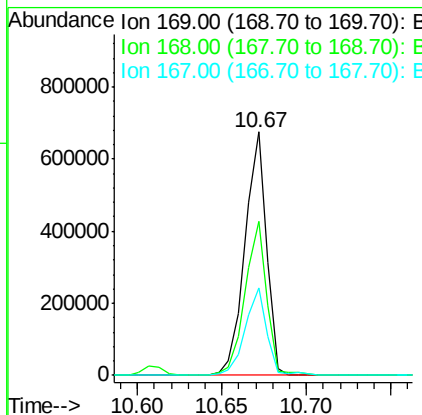
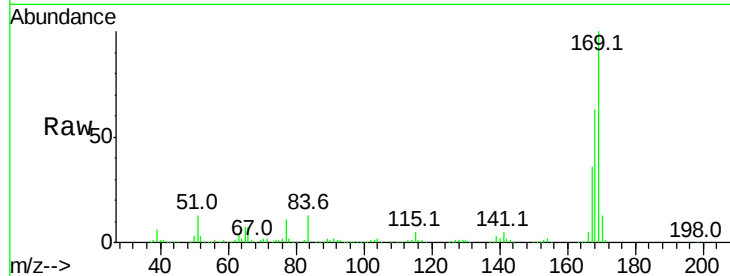
ClientSampleId :

PB110285BS

Tot Ion:	169	Resp:	606294
Ion Ratio	Lower	Upper	
169	100		
168	63.3	54.4	81.6
167	35.8	29.8	44.6

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#66

4-Bromophenyl-phenylether

Concen: 45.021 ng

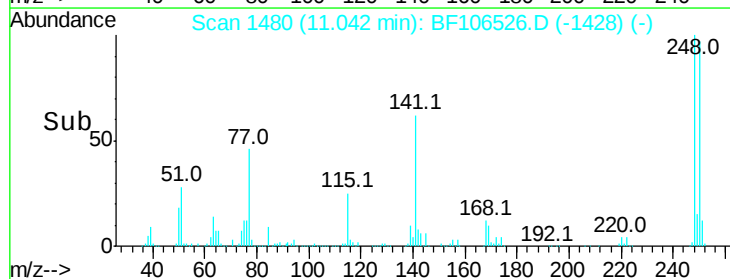
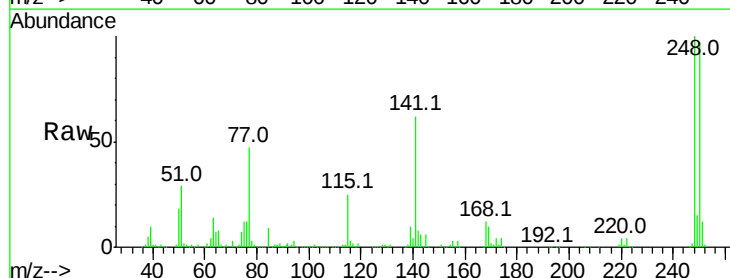
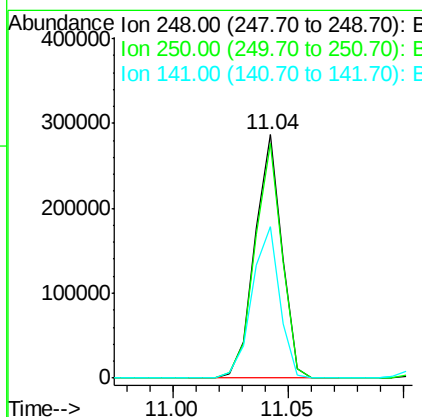
RT: 11.04 min Scan# 1480

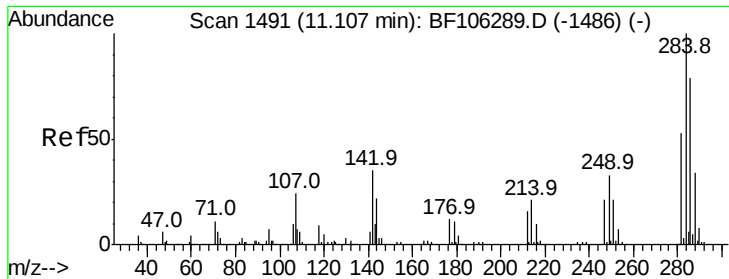
Delta R.T. 0.01 min

Lab File: BF106526.D

Acq: 18 Jun 2018 9:37

Tgt Ion:	248	Resp:	233844
Ion Ratio	Lower	Upper	
248	100		
250	96.6	76.9	115.3
141	62.3	74.4	111.6#





#67

Hexachlorobenzene

Concen: 43.751 ng

RT: 11.11 min Scan# 1492

Delta R.T. 0.01 min

Lab File: BF106526.D

Acq: 18 Jun 2018 9:37

Instrument :

BNA_F

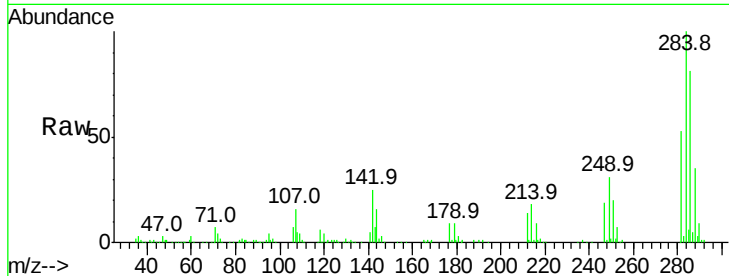
ClientSampleId :

PB110285BS

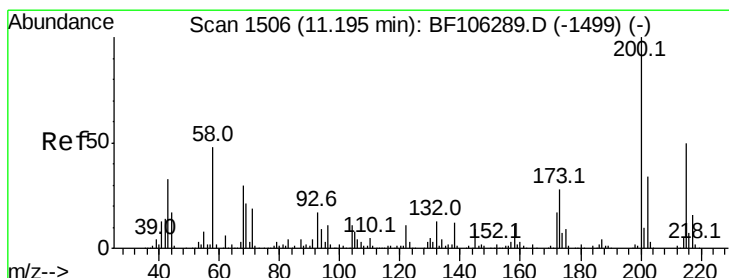
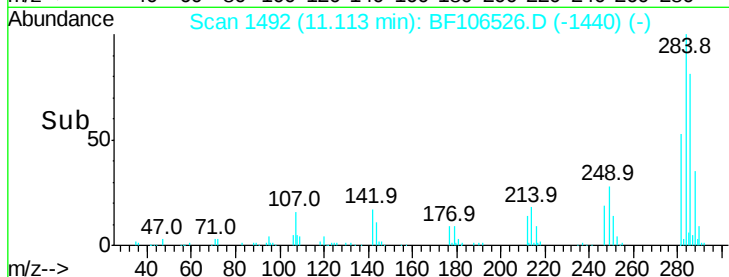
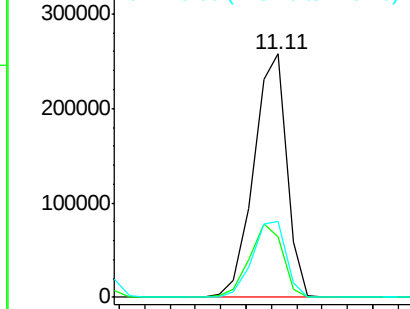
Tot Ion:	284	Resp:	234284
Ion Ratio	Lower	Upper	
284	100		
142	24.7	34.6	52.0#
249	31.0	24.8	37.2

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



#68

Atrazine

Concen: 42.663 ng

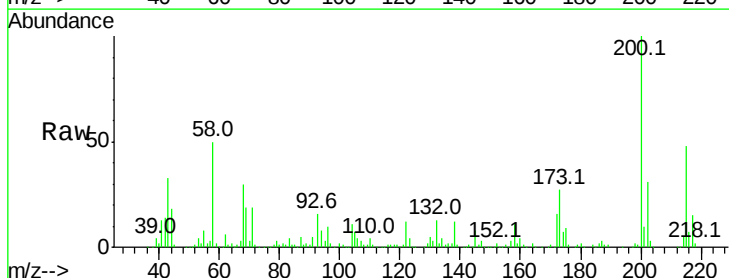
RT: 11.20 min Scan# 1506

Delta R.T. 0.01 min

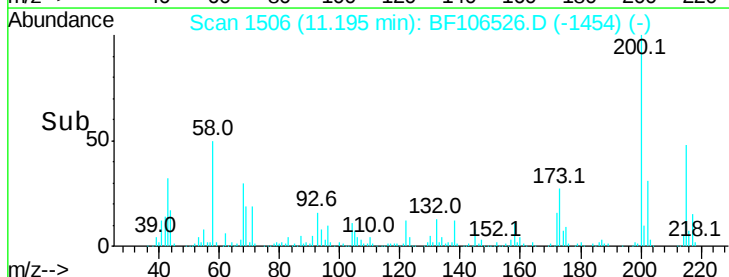
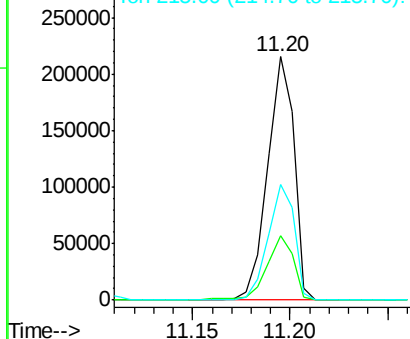
Lab File: BF106526.D

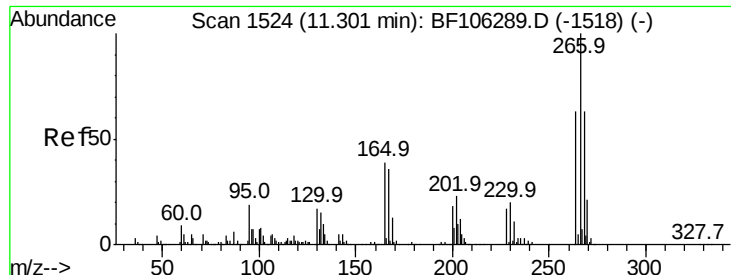
Acq: 18 Jun 2018 9:37

Tgt Ion:	200	Resp:	201787
Ion Ratio	Lower	Upper	
200	100		
173	26.5	8.6	48.6
215	47.5	25.1	65.1



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





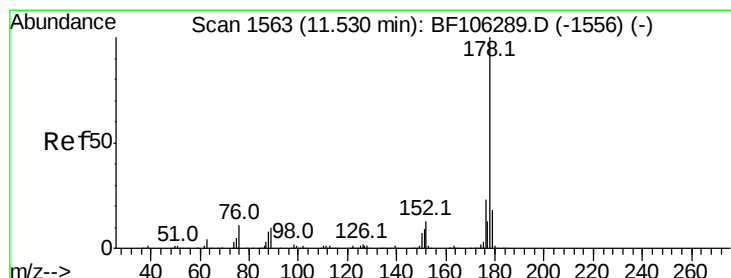
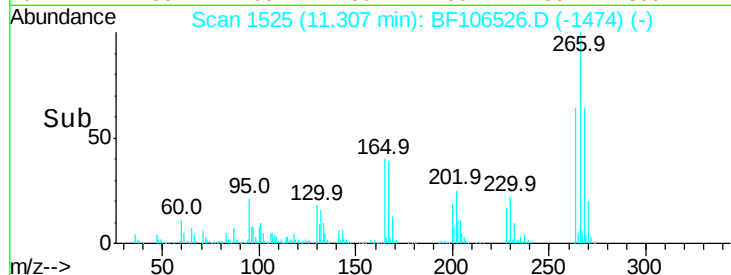
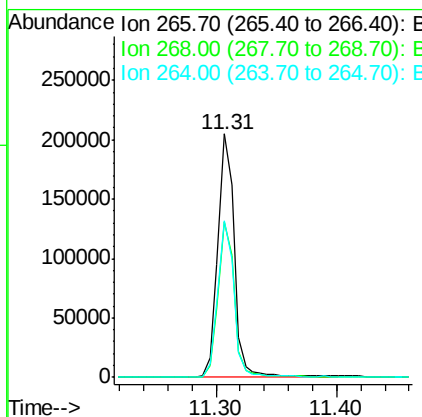
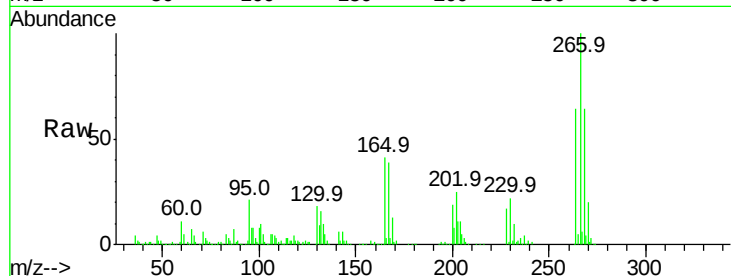
#69
 Pentachlorophenol
 Concen: 58.723 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. 0.00 min
 Lab File: BF106526.D
 Acq: 18 Jun 2018 9:37

Instrument :
 BNA_F
 ClientSampleId :
 PB110285BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	193598		
268	63.9	51.1	76.7	
264	64.4	49.5	74.3	

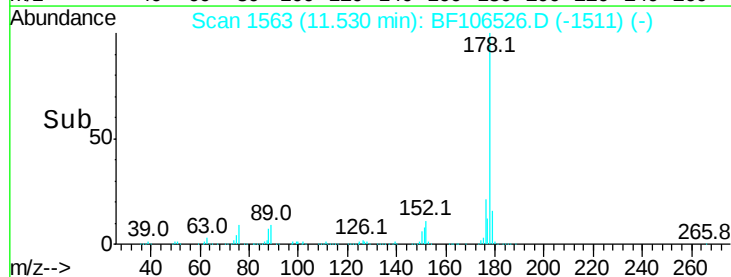
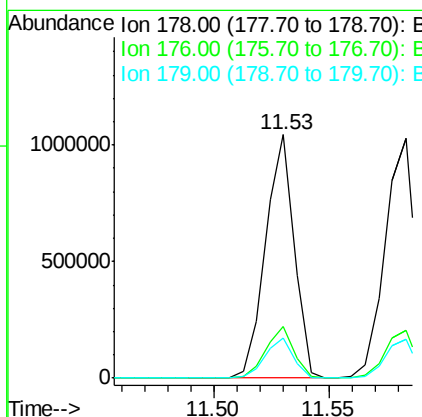
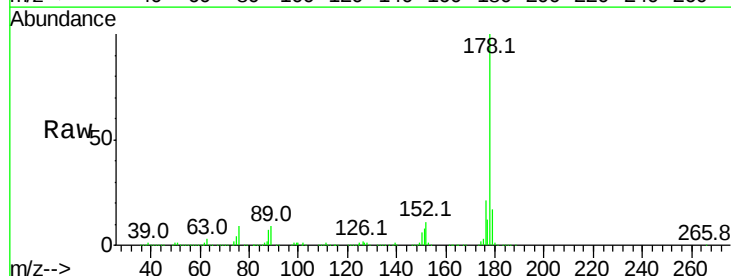
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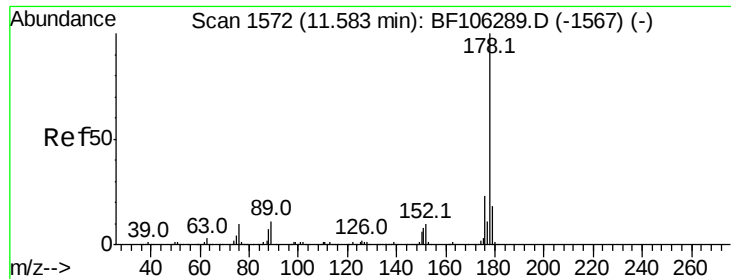
Sohil
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#70
 Phenanthrene
 Concen: 40.456 ng
 RT: 11.53 min Scan# 1563
 Delta R.T. 0.01 min
 Lab File: BF106526.D
 Acq: 18 Jun 2018 9:37

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	904807		
176	21.2	15.8	23.8	
179	16.5	13.0	19.6	





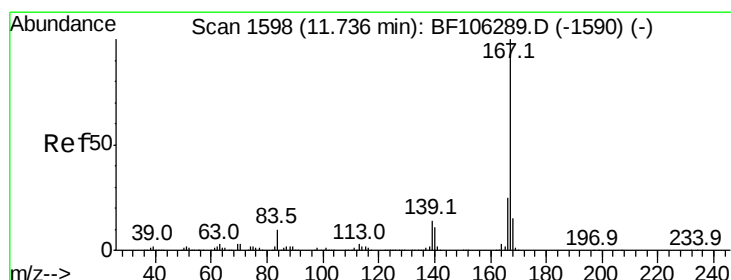
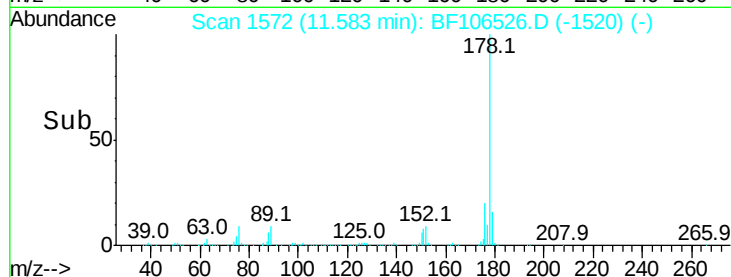
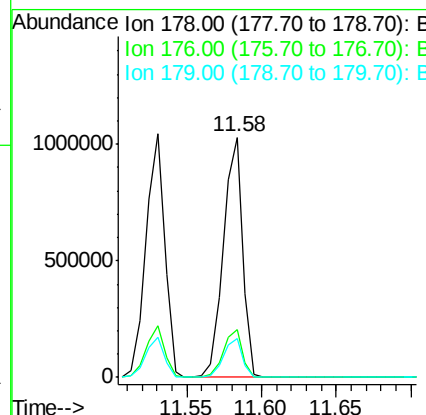
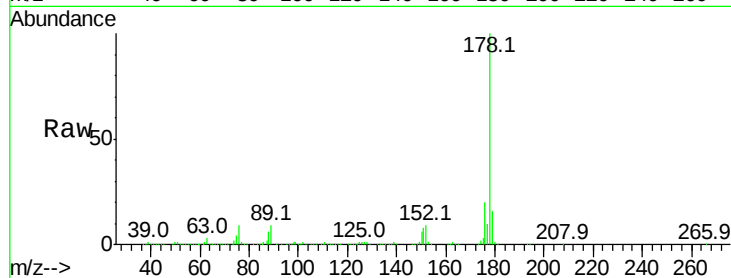
#71
 Anthracene
 Concen: 41.987 ng
 RT: 11.58 min Scan# 1572
 Delta R.T. 0.01 min
 Lab File: BF106526.D
 Acq: 18 Jun 2018 9:37

Instrument :
 BNA_F
 ClientSampleId :
 PB110285BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.4	23.2
179	16.2	12.6	19.0

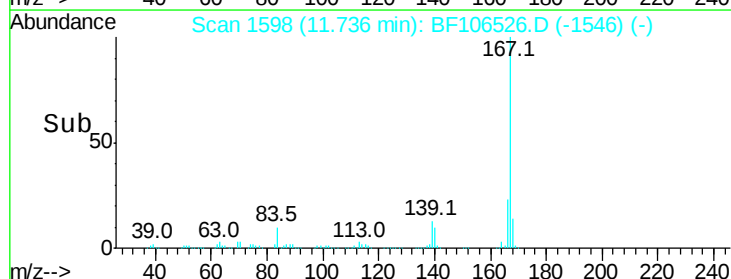
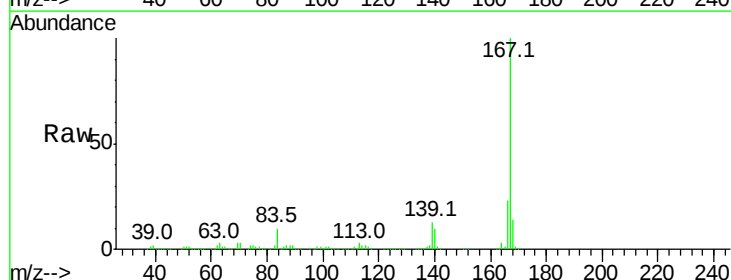
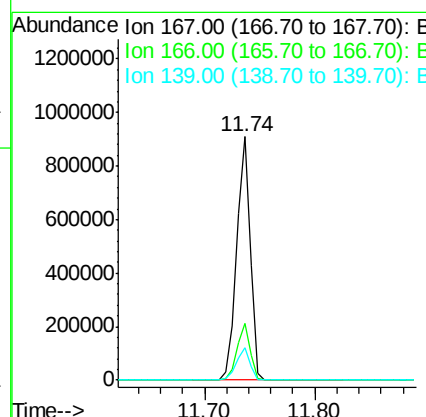
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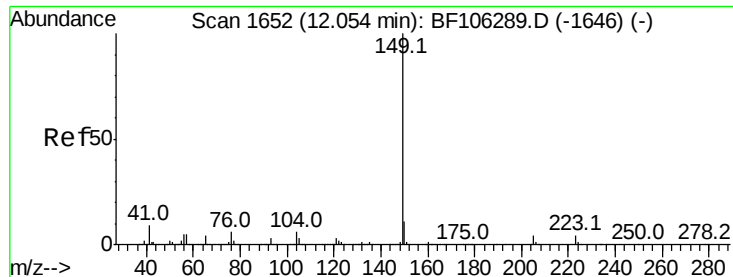
Sohil
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#72
 Carbazole
 Concen: 38.050 ng
 RT: 11.74 min Scan# 1598
 Delta R.T. 0.01 min
 Lab File: BF106526.D
 Acq: 18 Jun 2018 9:37

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.1	17.6	26.4
139	13.5	10.9	16.3





#73

Di-n-butylphthalate

Concen: 43.965 ng

RT: 12.05 min Scan# 1652

Delta R.T. 0.01 min

Lab File: BF106526.D

Acq: 18 Jun 2018 9:37

Instrument :

BNA_F

ClientSampleId :

PB110285BS

Tot Ion:149 Resp: 1012143

Ion Ratio Lower Upper

149 100

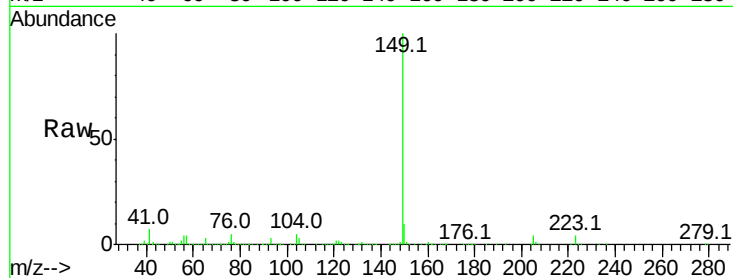
150 9.8 7.8 11.6

104 5.1 3.8 5.8

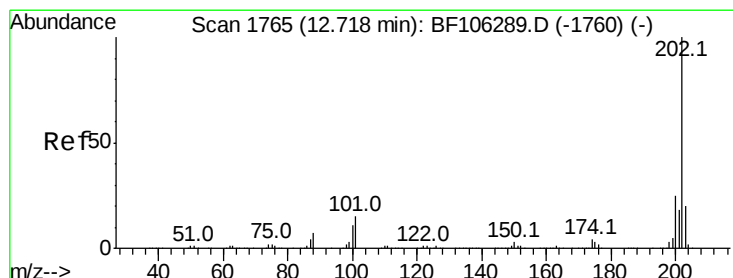
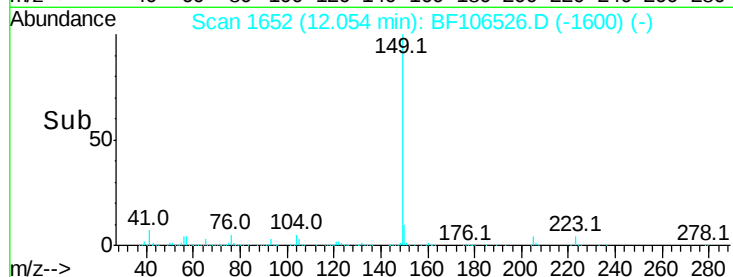
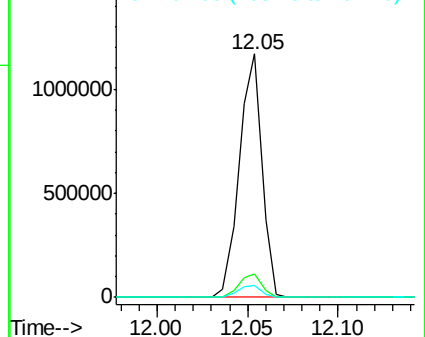
Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.935 ng

RT: 12.72 min Scan# 1765

Delta R.T. 0.00 min

Lab File: BF106526.D

Acq: 18 Jun 2018 9:37

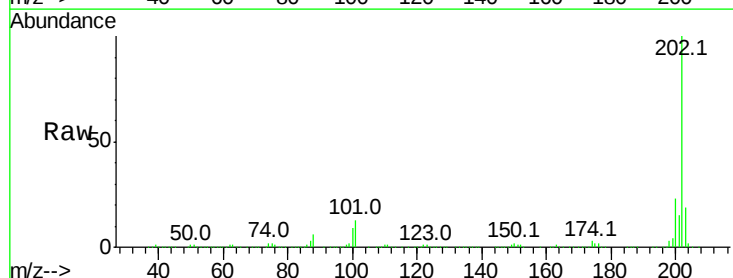
Tgt Ion:202 Resp: 928651

Ion Ratio Lower Upper

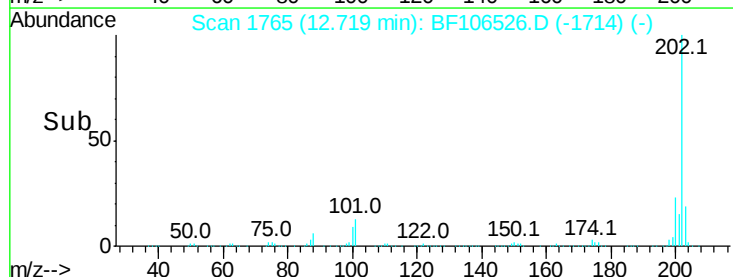
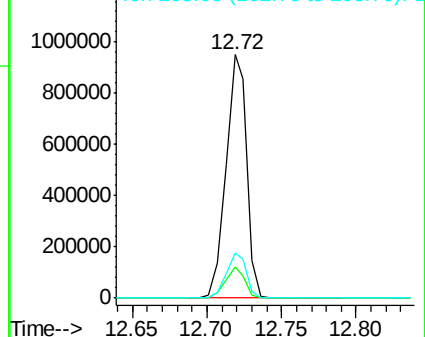
202 100

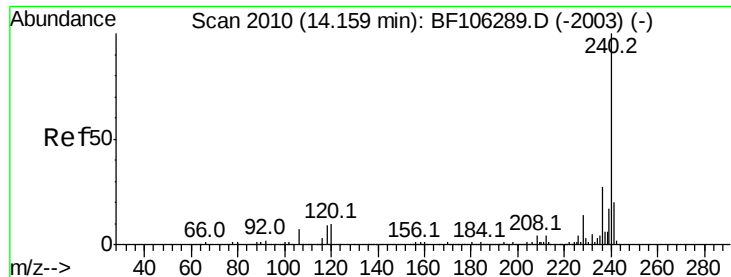
101 12.6 0.0 34.1

203 18.7 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: 14.16 min Scan# 2010

Delta R.T. 0.01 min

Lab File: BF106526.D

Acq: 18 Jun 2018 9:37

Instrument :

BNA_F

ClientSampleId :

PB110285BS

Tot Ion:240 Resp: 296688

Ion Ratio Lower Upper

240 100

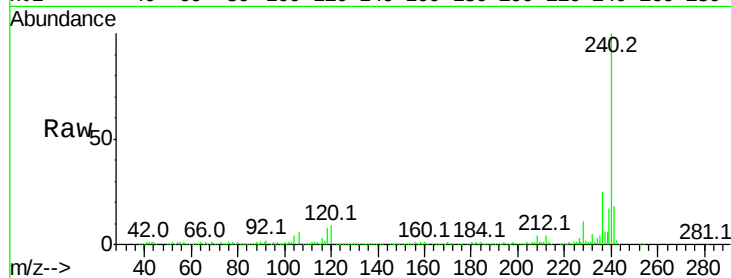
120 8.8 9.5 14.3#

236 25.4 20.7 31.1

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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

14.16

400000

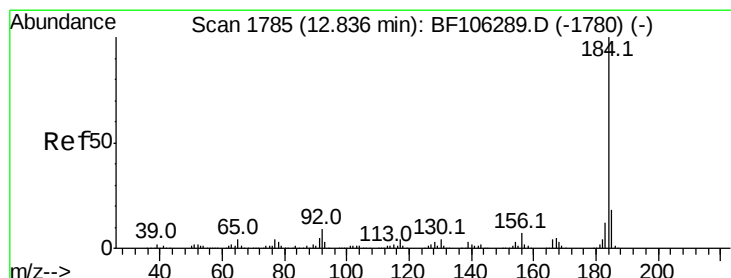
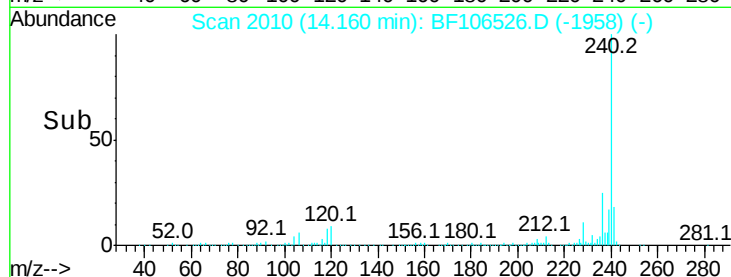
300000

200000

100000

0

Time-->



#76

Benzidine

Concen: 25.059 ng

RT: 12.84 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF106526.D

Acq: 18 Jun 2018 9:37

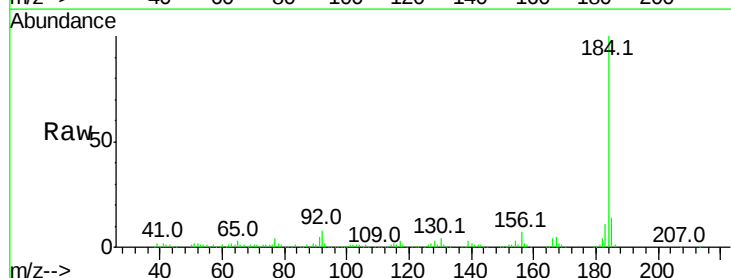
Tgt Ion:184 Resp: 247441

Ion Ratio Lower Upper

184 100

185 13.9 12.6 18.8

183 11.2 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.84

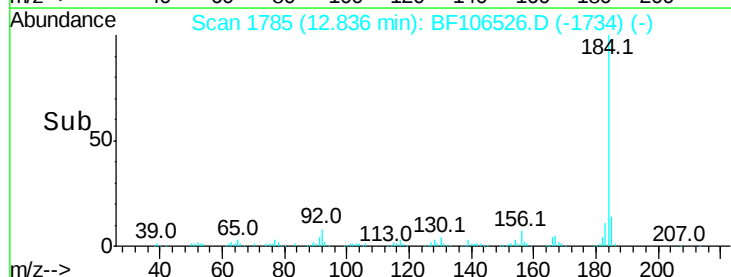
300000

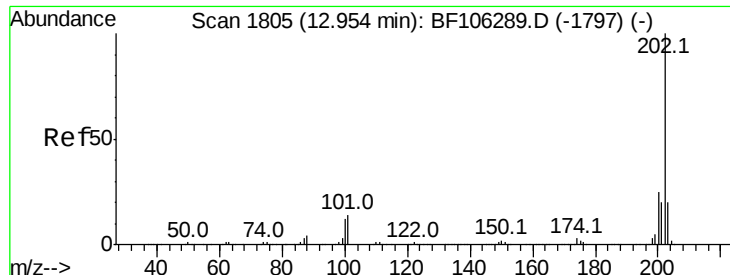
200000

100000

0

Time-->





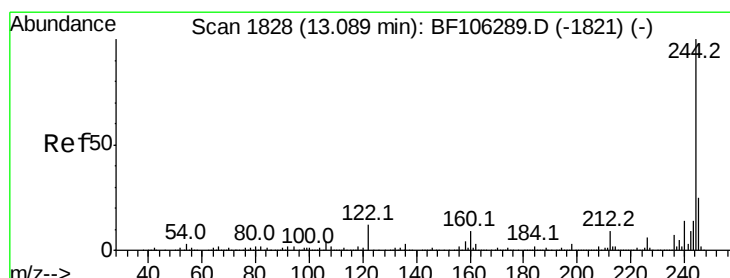
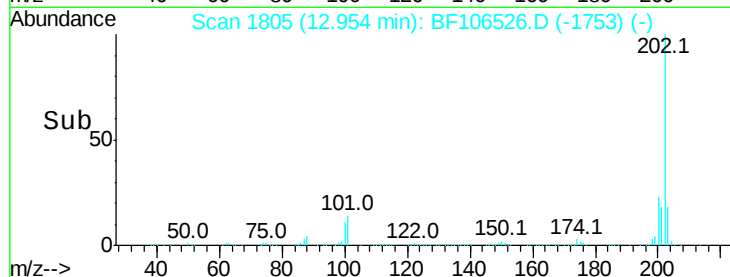
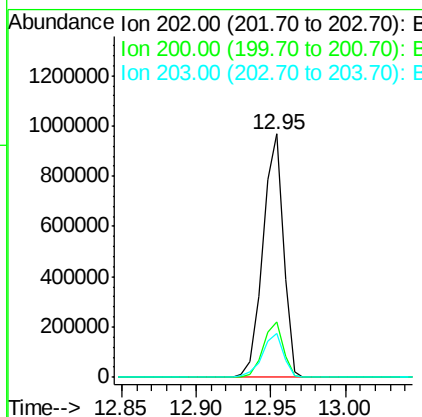
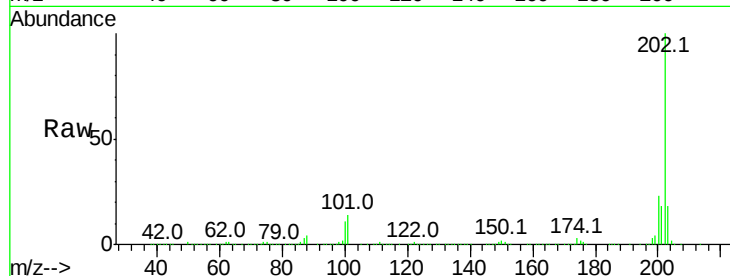
#77
Pvrene
Concen: 48.911 ng
RT: 12.95 min Scan# 1805
Delta R.T. 0.01 min
Lab File: BF106526.D
Acq: 18 Jun 2018 9:37

Instrument :
BNA_F
ClientSampleId :
PB110285BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	22.7	17.4	26.2	
203	18.2	14.3	21.5	

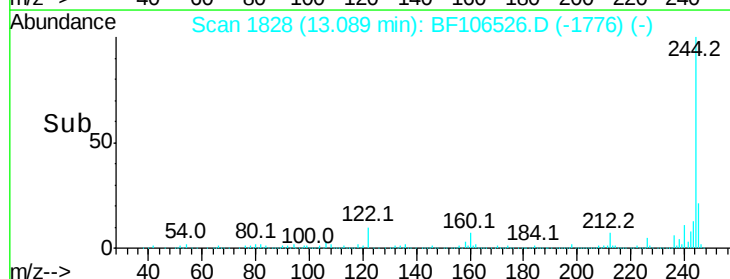
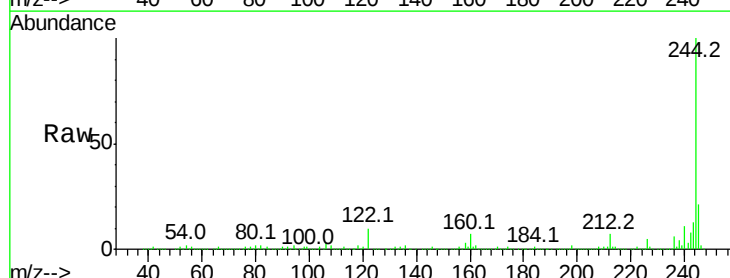
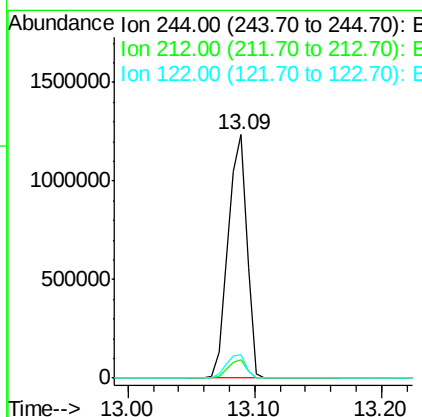
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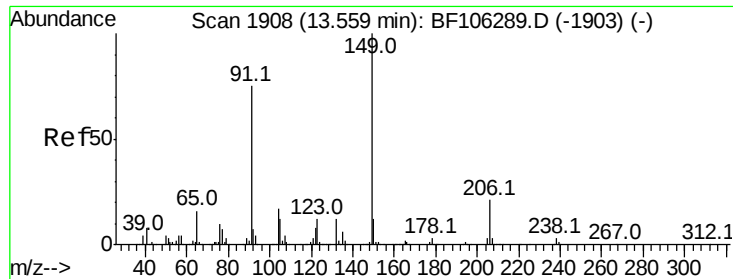
Sohil
6/19/2018 5:59:30 PM



#78
Terphenyl-d14
Concen: 105.575 ng
RT: 13.09 min Scan# 1828
Delta R.T. 0.01 min
Lab File: BF106526.D
Acq: 18 Jun 2018 9:37

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.4	5.4	8.0	
122	9.8	11.0	16.4	





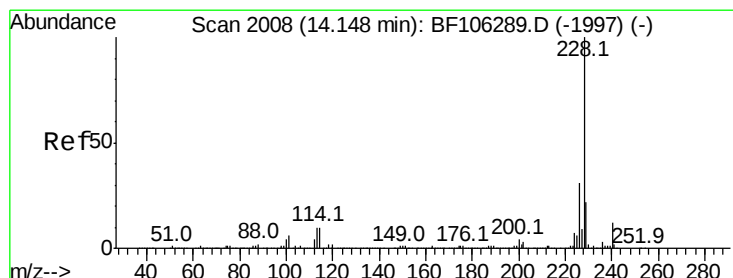
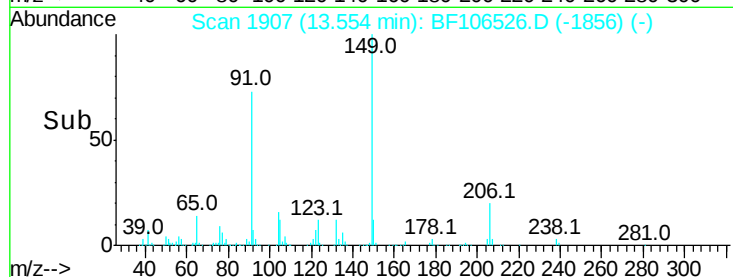
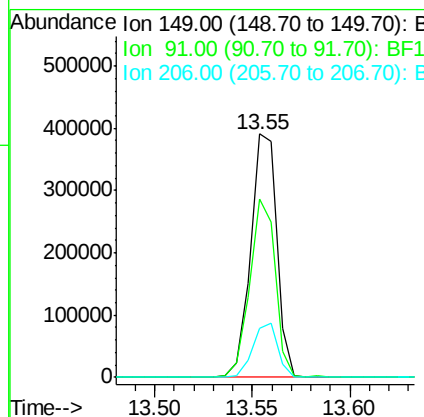
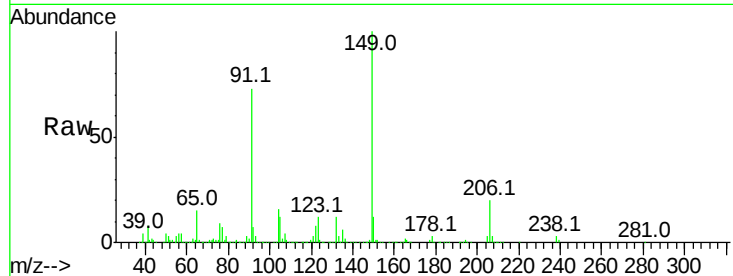
#79
Butylbenzylphthalate
Concen: 52.157 ng
RT: 13.55 min Scan# 1907
Delta R.T. 0.00 min
Lab File: BF106526.D
Acq: 18 Jun 2018 9:37

Instrument :
BNA_F
ClientSampleId :
PB110285BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	362640		
91	73.0	56.8	85.2	
206	20.1	14.1	21.1	

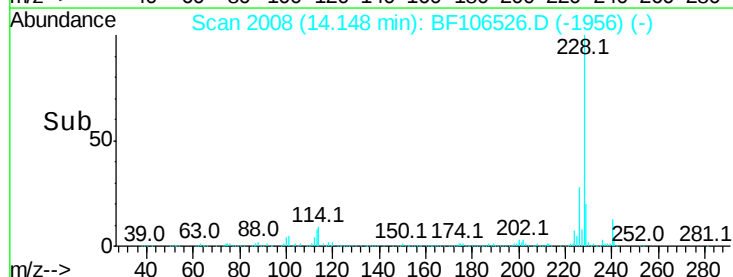
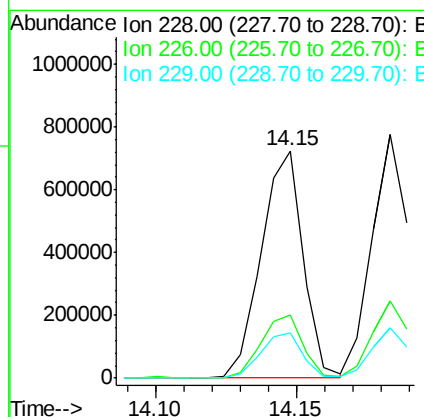
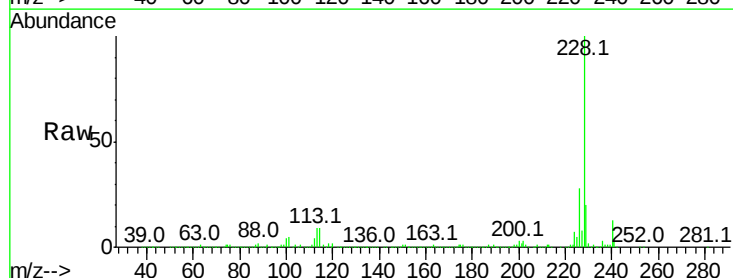
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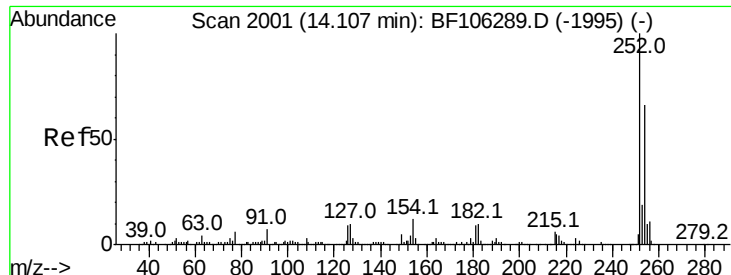
Sohil
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#80
Benzo(a)anthracene
Concen: 42.091 ng
RT: 14.15 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BF106526.D
Acq: 18 Jun 2018 9:37

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	743150		
226	28.1	22.6	33.8	
229	19.8	15.8	23.6	





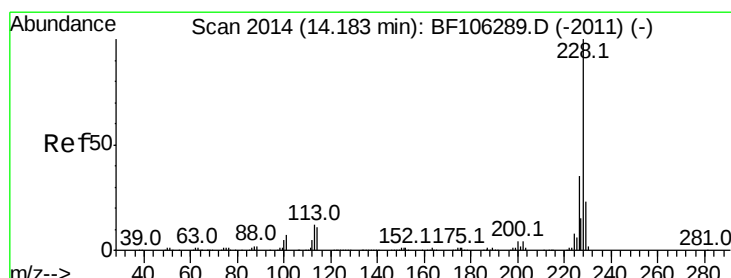
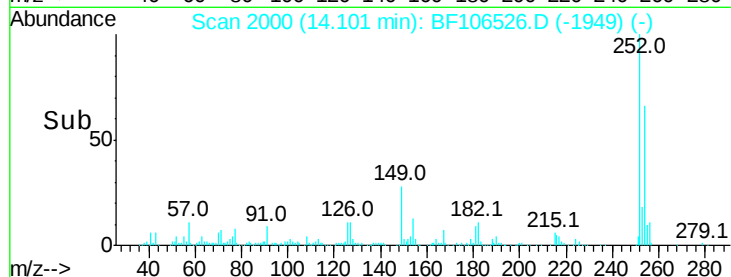
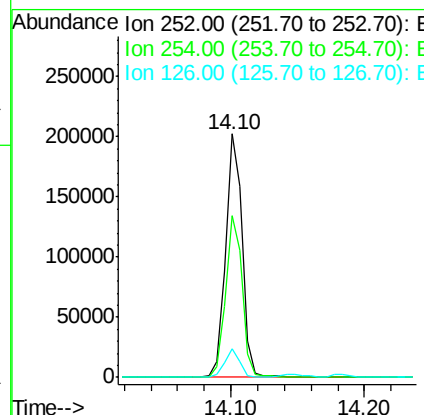
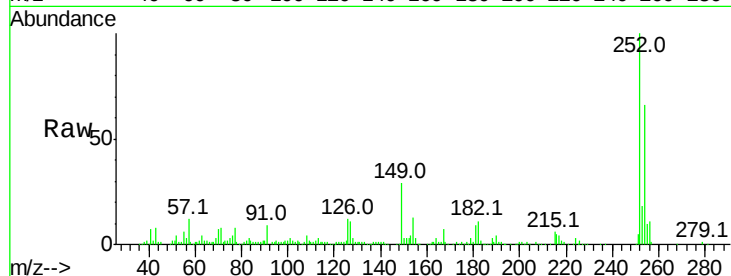
#81
 3,3'-Dichlorobenzidine
 Concen: 29.817 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. 0.00 min
 Lab File: BF106526.D
 Acq: 18 Jun 2018 9:37

Instrument :
 BNA_F
 ClientSampleId :
 PB110285BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	177621		
254	66.2	50.4	75.6	
126	11.6	11.3	16.9	

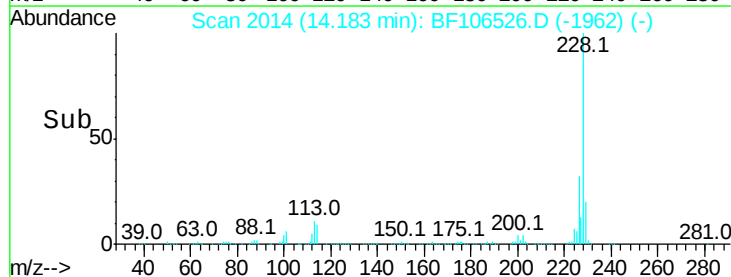
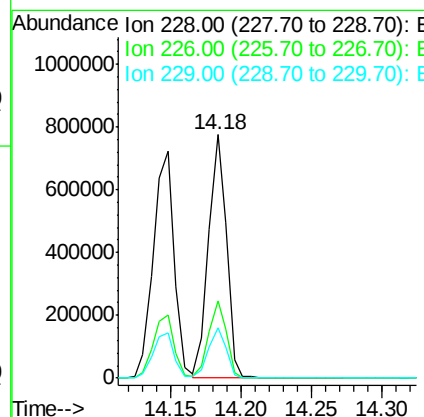
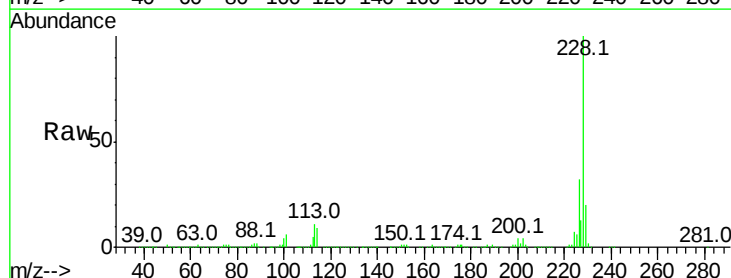
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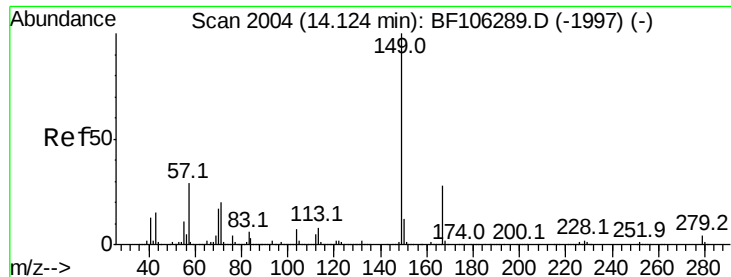
Sohil
 6/19/2018 5:59:30 PM



#82
 Chrysene
 Concen: 42.665 ng
 RT: 14.18 min Scan# 2014
 Delta R.T. 0.01 min
 Lab File: BF106526.D
 Acq: 18 Jun 2018 9:37

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	687740		
226	31.9	25.0	37.6	
229	20.5	16.2	24.4	





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.764 ng

RT: 14.11 min Scan# 2002

Delta R.T. 0.00 min

Lab File: BF106526.D

Acq: 18 Jun 2018 9:37

Instrument :

BNA_F

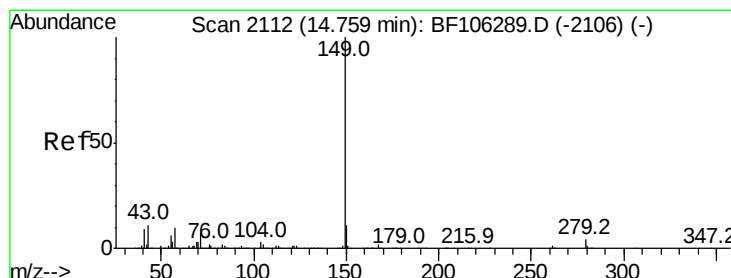
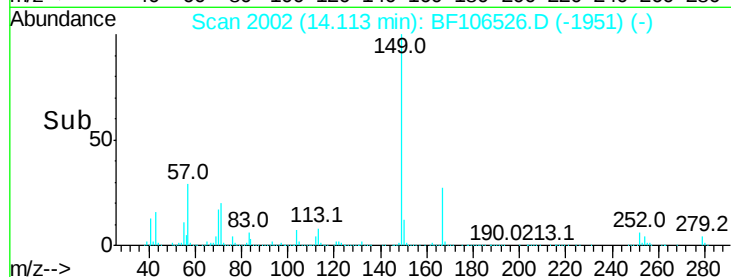
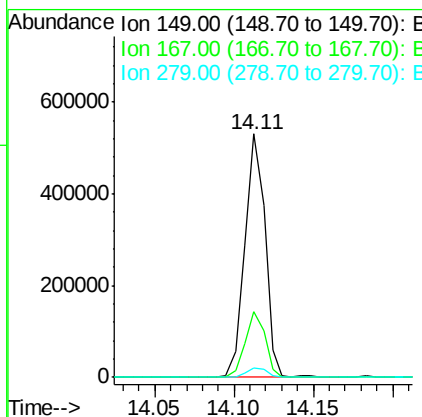
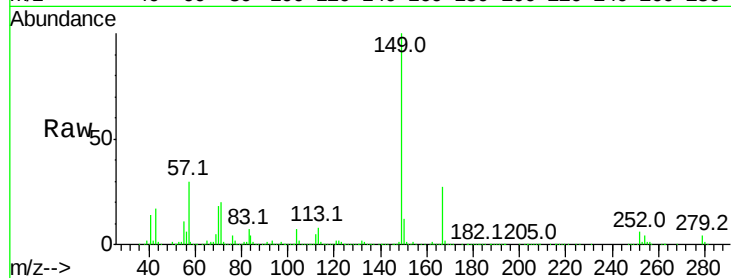
ClientSampleId :

PB110285BS

Tot Ion:	149	Resp:	466204
Ion Ratio	Lower	Upper	
149	100		
167	27.2	21.3	31.9
279	3.8	3.0	4.4

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 49.836 ng

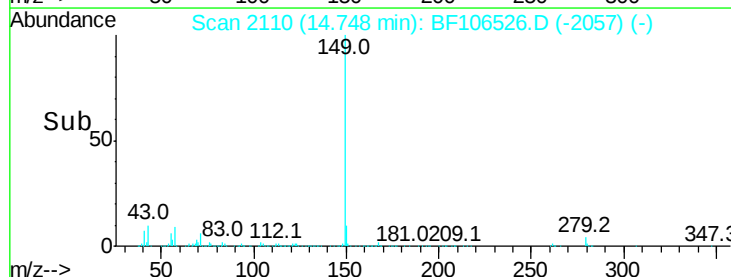
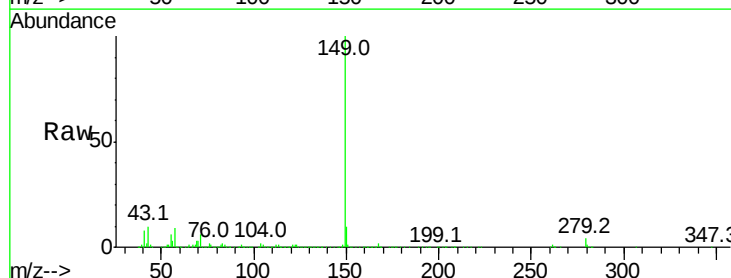
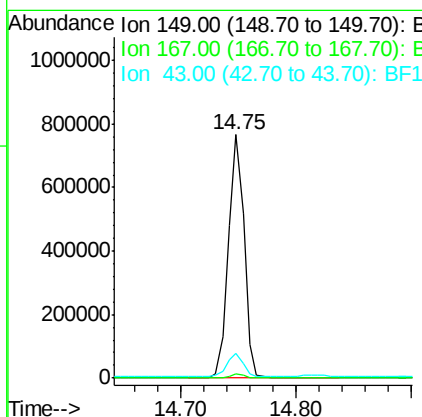
RT: 14.75 min Scan# 2110

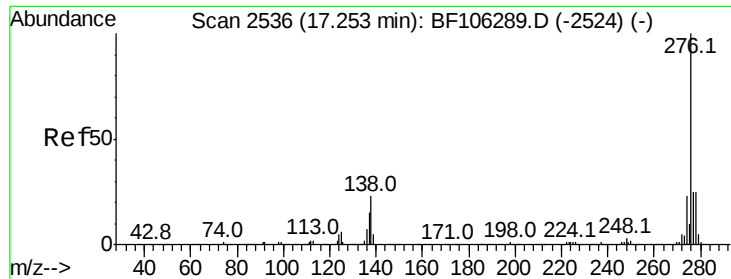
Delta R.T. 0.01 min

Lab File: BF106526.D

Acq: 18 Jun 2018 9:37

Tgt Ion:	149	Resp:	716242
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	9.6	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 71.126 ng

RT: 17.27 min Scan# 2539

Delta R.T. 0.02 min

Lab File: BF106526.D

Acq: 18 Jun 2018 9:37

Instrument :

BNA_F

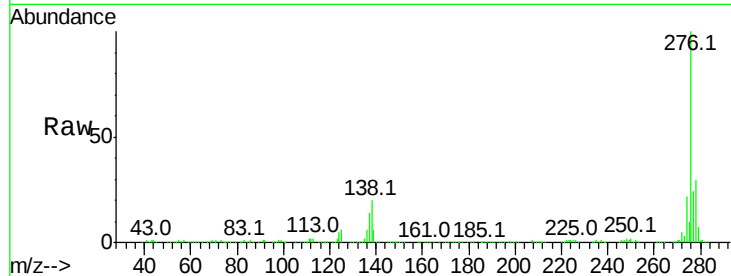
ClientSampleId :

PB110285BS

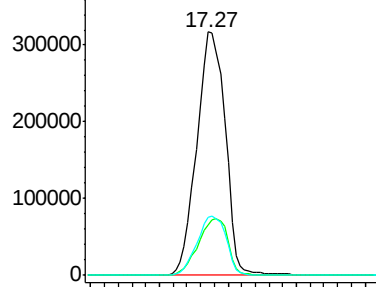
Tot Ion:	276	Resp:	915036
Ion Ratio	Lower	Upper	
276	100		
138	24.2	25.0	37.6#
277	25.0	20.1	30.1

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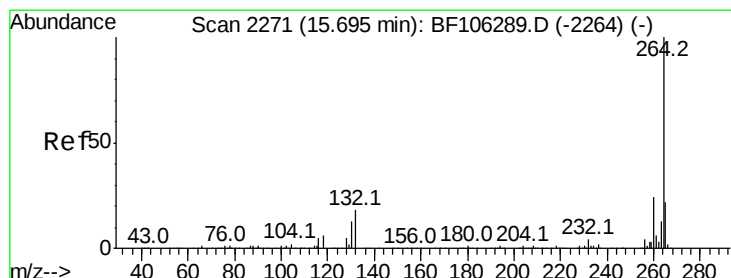
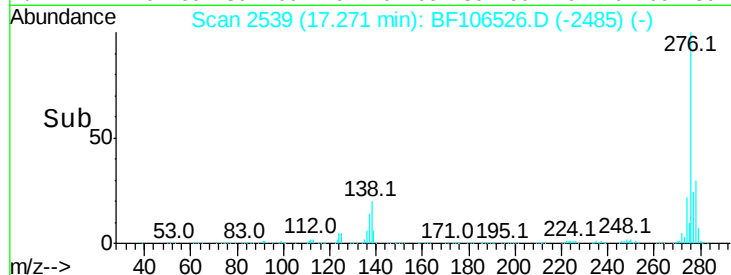
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



Time--> 17.10 17.20 17.30 17.40



#86

Perylene-d12

Concen: 20.000 ng

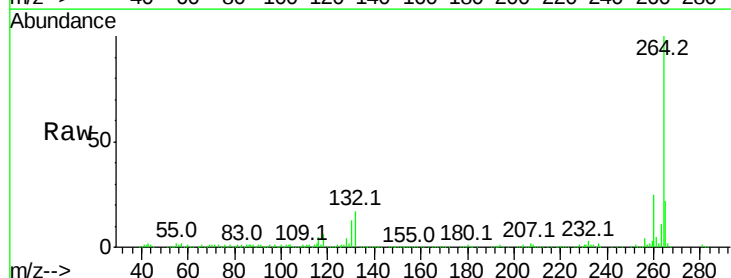
RT: 15.69 min Scan# 2271

Delta R.T. 0.01 min

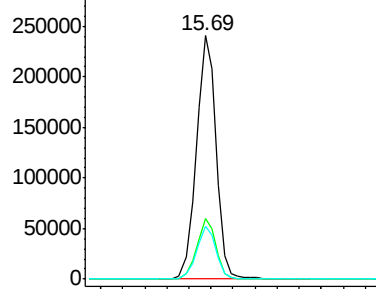
Lab File: BF106526.D

Acq: 18 Jun 2018 9:37

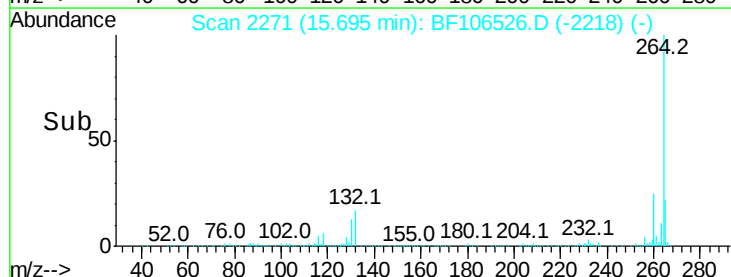
Tgt Ion:	264	Resp:	301144
Ion Ratio	Lower	Upper	
264	100		
260	24.9	19.2	28.8
265	21.6	17.5	26.3

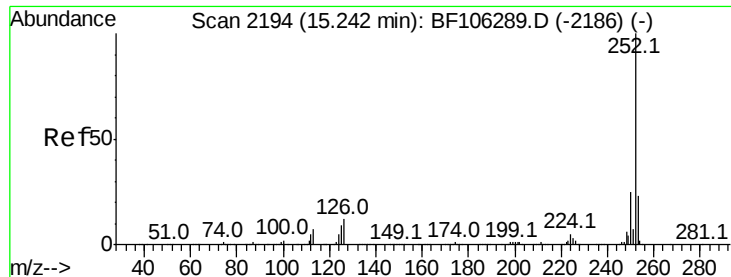


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



Time--> 15.60 15.70 15.80





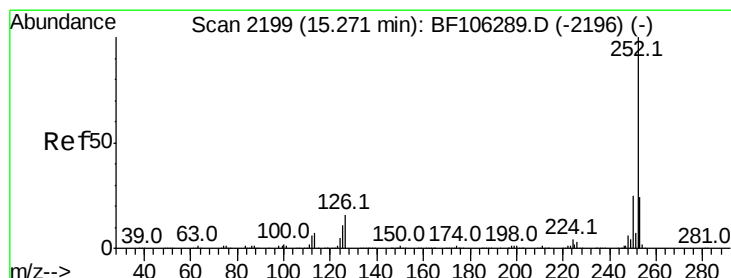
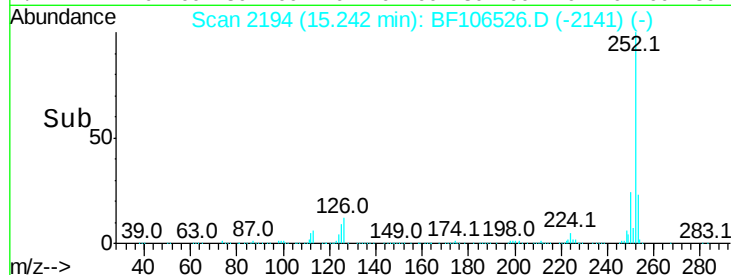
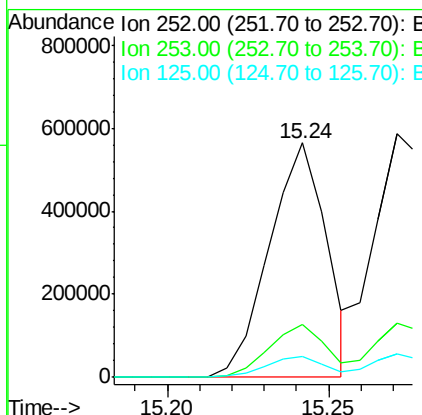
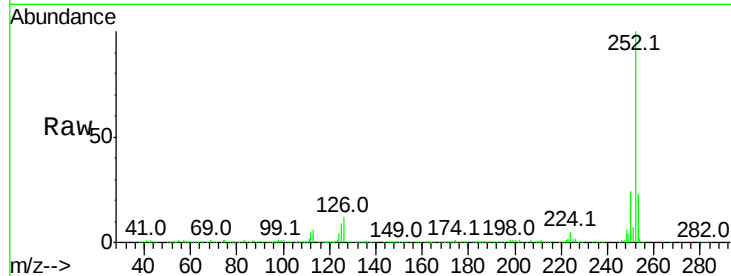
#87
Benzo(b)fluoranthene
Concen: 38.087 ng/mL
RT: 15.24 min Scan# 2194
Delta R.T. 0.01 min
Lab File: BF106526.D
Acq: 18 Jun 2018 9:37

Instrument :
BNA_F
ClientSampleId :
PB110285BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	8.9	9.0	13.6

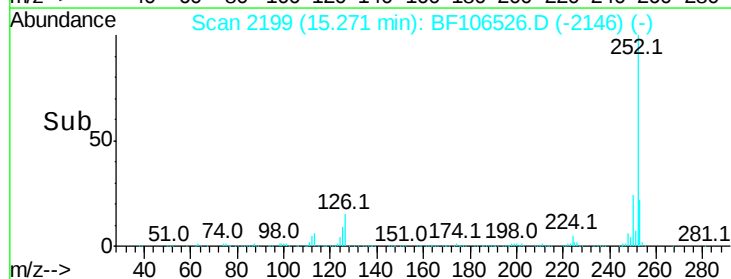
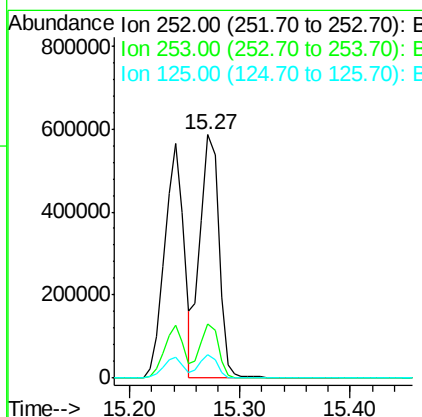
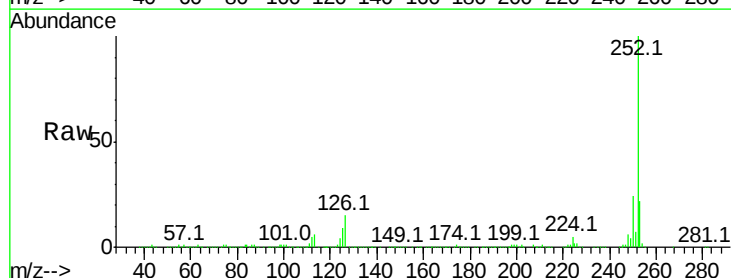
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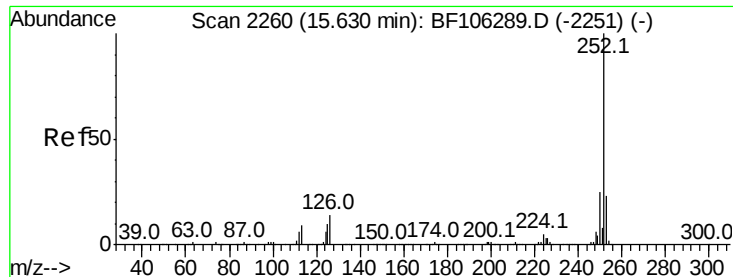
Sohil
6/19/2018 5:59:30 PM



#88
Benzo(k)fluoranthene
Concen: 37.920 ng/mL
RT: 15.27 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF106526.D
Acq: 18 Jun 2018 9:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	9.4	10.2	15.2





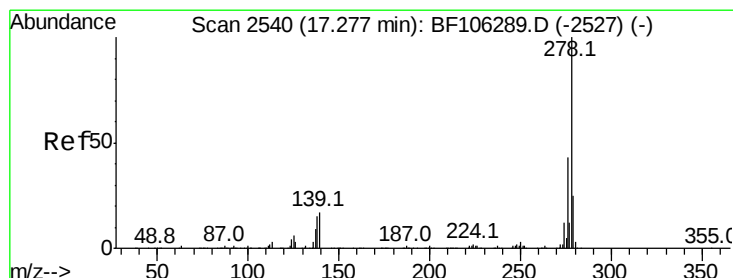
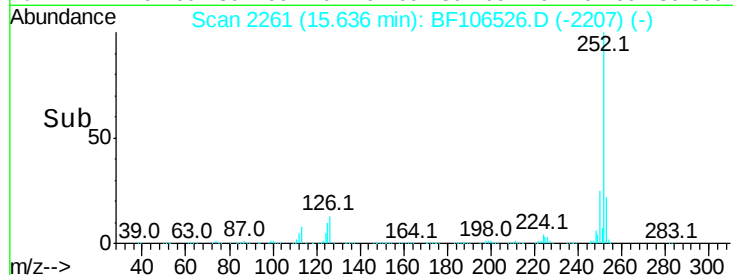
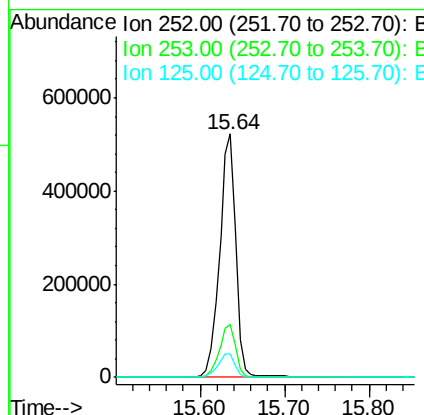
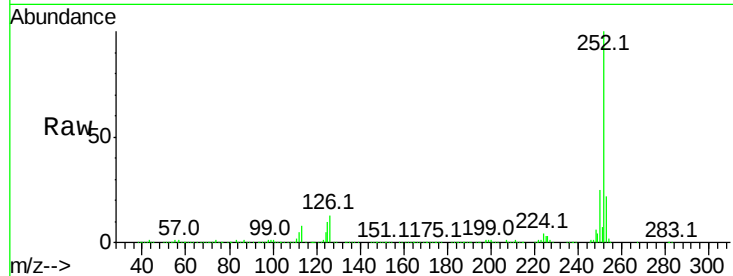
#89
Benzo(a)pyrene
Concen: 43.181 ng
RT: 15.64 min Scan# 2261
Delta R.T. 0.02 min
Lab File: BF106526.D
Acq: 18 Jun 2018 9:37

Instrument :
BNA_F
ClientSampleId :
PB110285BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	9.9	9.8	14.6

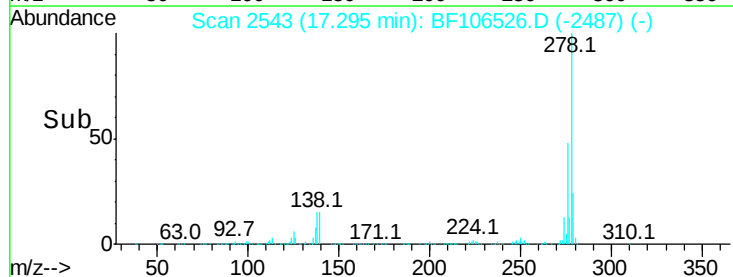
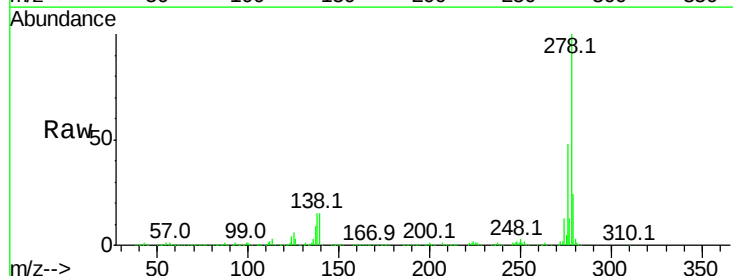
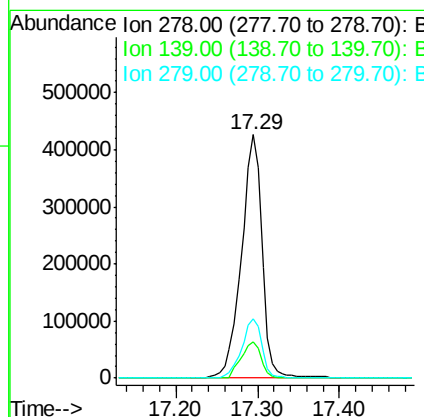
Manual Integrations
APPROVED

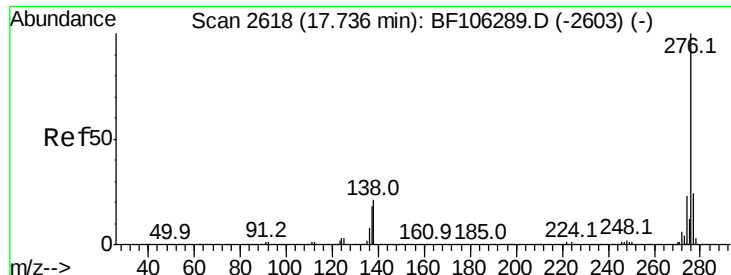
Sohil
6/19/2018 5:59:30 PM



#90
Dibenzo(a,h)anthracene
Concen: 55.110 ng
RT: 17.29 min Scan# 2543
Delta R.T. 0.03 min
Lab File: BF106526.D
Acq: 18 Jun 2018 9:37

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.0	15.9	23.9#
279	24.2	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 59.292 ng
 RT: 17.76 min Scan# 2622
 Delta R.T. 0.03 min
 Lab File: BF106526.D
 Acq: 18 Jun 2018 9:37

Instrument :
 BNA_F
 ClientSampleId :
 PB110285BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	17.9	26.9
138	20.8	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 6/19/2018 5:59:30 PM

