

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
 Data File : BF106432.D
 Acq On : 14 Jun 2018 10:09
 Operator : JU/SJ
 Sample : PB110241BS
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110241BS

Manual Integrations
 APPROVED

Sohil
 6/14/2018 2:48:24 PM

Quant Time: Jun 14 11:36:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 14 11:27:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	127009	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	487977	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	240825	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	461005	20.00	ng	0.00
75) Chrysene-d12	14.15	240	332585	20.00	ng	0.00
86) Perylene-d12	15.69	264	329120	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	799992	106.61	ng	0.00
7) Phenol-d6	6.61	99	941353	99.29	ng	0.00
23) Nitrobenzene-d5	7.53	82	660584	79.64	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	301276	130.02	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1152904	85.03	ng	0.00
78) Terphenyl-d14	13.08	244	1174153	87.69	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.86	88	110011	28.326	ng	94
3) Pyridine	3.63	79	331591	30.638	ng	95
4) n-Nitrosodimethylamine	3.59	42	147212	29.692	ng	90
6) Aniline	6.63	93	268795	19.416	ng	# 40
8) 2-Chlorophenol	6.77	128	293909	36.420	ng	98
9) Benzaldehyde	6.52	77	194060	26.985	ng	99
10) Phenol	6.62	94	372230	35.964	ng	75
11) bis(2-Chloroethyl)ether	6.70	93	303667	34.272	ng	98
12) 1,3-Dichlorobenzene	6.91	146	333657	35.130	ng	100
13) 1,4-Dichlorobenzene	6.98	146	337849	35.053	ng	99
14) 1,2-Dichlorobenzene	7.14	146	313911	34.597	ng	99
15) Benzyl Alcohol	7.11	79	271848	33.481	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	454517	35.785	ng	# 46
17) 2-Methylphenol	7.23	107	252323	35.045	ng	# 90
18) Hexachloroethane	7.48	117	115609	33.663	ng	94
19) n-Nitroso-di-n-propylamine	7.37	70	218003	30.649	ng	96
20) 3+4-Methylphenols	7.38	107	331154	35.966	ng	93
22) Acetophenone	7.37	105	417434	33.945	ng	# 98
24) Nitrobenzene	7.55	77	338023	37.493	ng	96
25) Isophorone	7.78	82	598892	36.964	ng	98
26) 2-Nitrophenol	7.87	139	160025	45.729	ng	98
27) 2,4-Dimethylphenol	7.90	122	271455	39.576	ng	98
28) bis(2-Chloroethoxy)methane	7.99	93	385312	36.677	ng	99
29) 2,4-Dichlorophenol	8.12	162	266651	40.297	ng	97
30) 1,2,4-Trichlorobenzene	8.19	180	271909	36.648	ng	94
31) Naphthalene	8.27	128	830802	37.662	ng	99
32) Benzoic acid	8.02	122	149957	32.430	ng	97
33) 4-Chloroaniline	8.32	127	120918	12.369	ng	99
34) Hexachlorobutadiene	8.38	225	174675	36.645	ng	99
35) Caprolactam	8.68	113	87518m	39.102	ng	
36) 4-Chloro-3-methylphenol	8.81	107	278953	38.110	ng	95
37) 2-Methylnaphthalene	8.97	142	578917	38.531	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	297174	38.012	ng	97
40) Hexachlorocyclopentadiene	9.11	237	160051	37.106	ng	99

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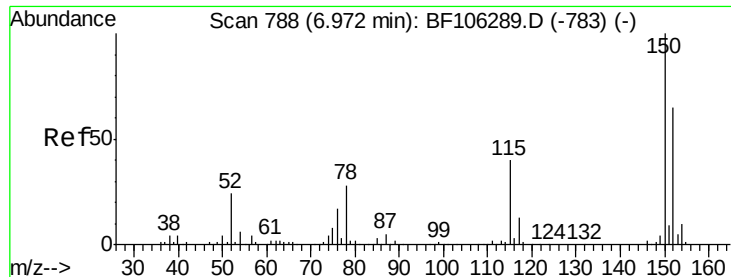
Manual Integrations
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 6/14/2018 2:48:24 PM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 14 11:27:54 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	200398	40.223	nq	98
43) 2,4,5-Trichlorophenol	9.30	196	210795	39.247	nq	90
45) 1,1'-Biphenyl	9.42	154	686021	36.778	nq	99
46) 2-Chloronaphthalene	9.45	162	550254	36.862	nq	97
47) 2-Nitroaniline	9.55	65	191086	40.692	nq	100
48) Acenaphthylene	9.87	152	873322	38.223	nq	98
49) Dimethylphthalate	9.72	163	647107	37.610	nq	99
50) 2,6-Dinitrotoluene	9.79	165	142964	40.678	nq	99
51) Acenaphthene	10.04	154	541830	36.720	nq	100
52) 3-Nitroaniline	9.96	138	100167	24.013	nq	98
53) 2,4-Dinitrophenol	10.07	184	76715	51.037	nq #	19
54) Dibenzofuran	10.21	168	763217	38.411	nq	97
55) 4-Nitrophenol	10.15	139	212764	66.545	nq	93
56) 2,4-Dinitrotoluene	10.20	165	197352	44.716	nq	93
57) Fluorene	10.56	166	587663	37.329	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	176182	41.387	nq #	83
59) Diethylphthalate	10.42	149	641628	37.572	nq	96
60) 4-Chlorophenyl-phenylether	10.55	204	302161	36.493	nq	90
61) 4-Nitroaniline	10.58	138	141639	34.900	nq	98
62) Azobenzene	10.71	77	652179	36.625	nq	97
64) 4,6-Dinitro-2-methylphenol	10.60	198	69441	30.556	nq	86
65) n-Nitrosodiphenylamine	10.67	169	564171	36.413	nq	97
66) 4-Bromophenyl-phenylether	11.04	248	209352	39.927	nq #	80
67) Hexachlorobenzene	11.11	284	211533	39.132	nq #	85
68) Atrazine	11.19	200	193993	40.629	nq	98
69) Pentachlorophenol	11.31	266	167483	50.324	nq	99
70) Phenanthrene	11.52	178	857694	37.989	nq	99
71) Anthracene	11.58	178	874197	38.650	nq	98
72) Carbazole	11.73	167	767179	36.740	nq	99
73) Di-n-butylphthalate	12.05	149	986338	42.441	nq	99
74) Fluoranthene	12.72	202	812937	33.764	nq	97
76) Benzidine	12.84	184	475028	42.916	nq	99
77) Pyrene	12.95	202	808246	38.817	nq	99
79) Butylbenzylphthalate	13.55	149	361659	46.401	nq	96
80) Benzo(a)anthracene	14.14	228	741760	37.478	nq	99
81) 3,3'-Dichlorobenzidine	14.10	252	186689	27.957	nq #	96
82) Chrysene	14.18	228	699494	38.710	nq	100
83) Bis(2-ethylhexyl)phthalate	14.11	149	492929	44.108	nq	100
84) Di-n-octyl phthalate	14.75	149	752552	46.710	nq	99
85) Indeno(1,2,3-cd)pyrene	17.25	276	585201	40.578	nq #	93
87) Benzo(b)fluoranthene	15.24	252	724317m	36.407	nq	
88) Benzo(k)fluoranthene	15.27	252	725042	36.798	nq #	97
89) Benzo(a)pyrene	15.62	252	681719	38.096	nq	97
90) Dibenzo(a,h)anthracene	17.28	278	503320	33.737	nq #	95
91) Benzo(g,h,i)perylene	17.73	276	449100	30.976	nq	95

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



#1

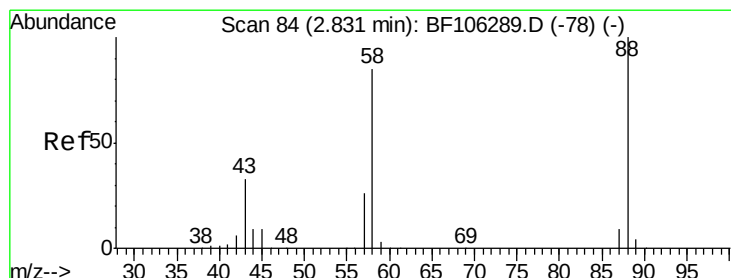
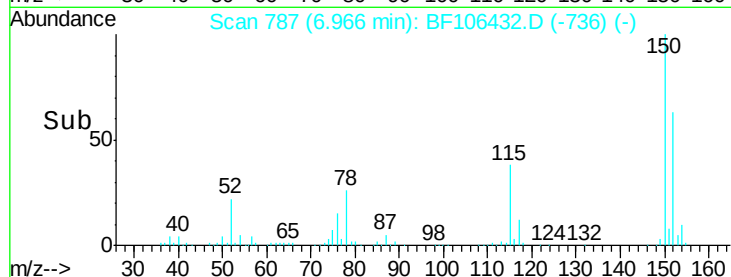
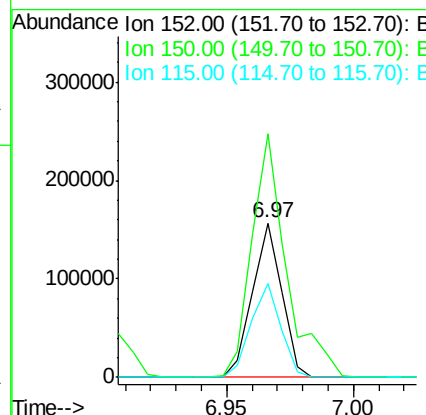
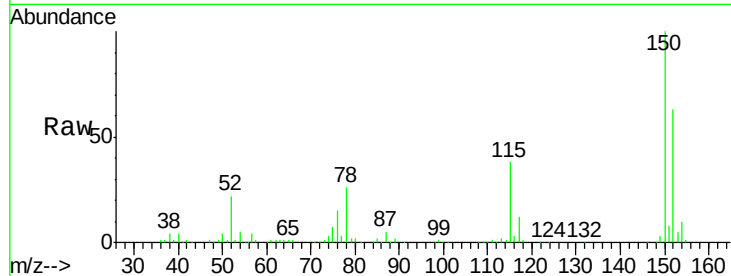
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Instrument :
BNA_F
ClientSampleId :
PB110241BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.6	186.8
115	60.5	50.1	75.1

Manual Integrations
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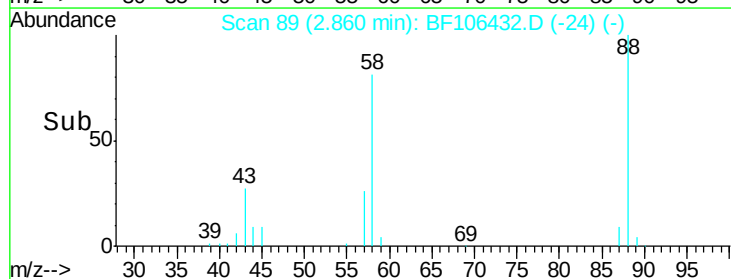
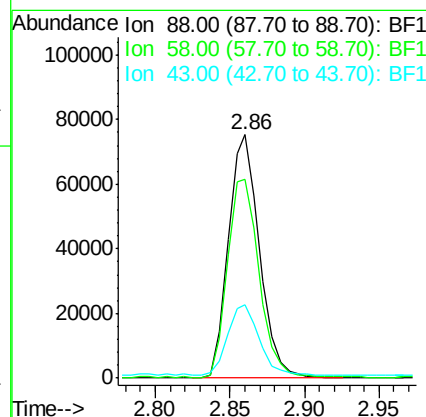
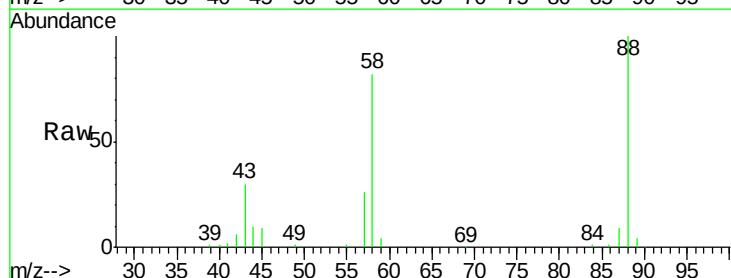
Sohil
6/14/2018 2:48:24 PM

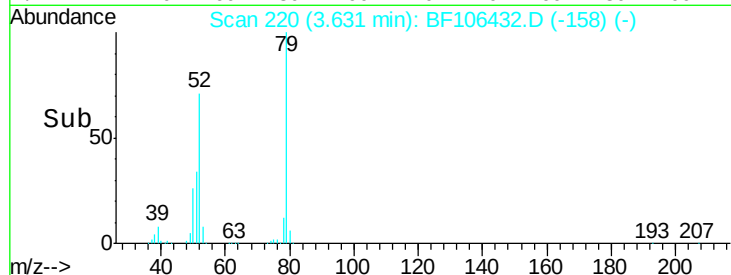
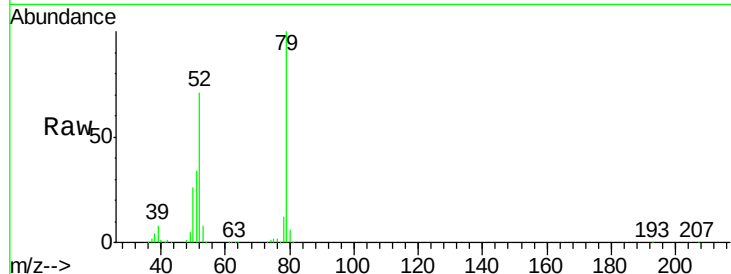
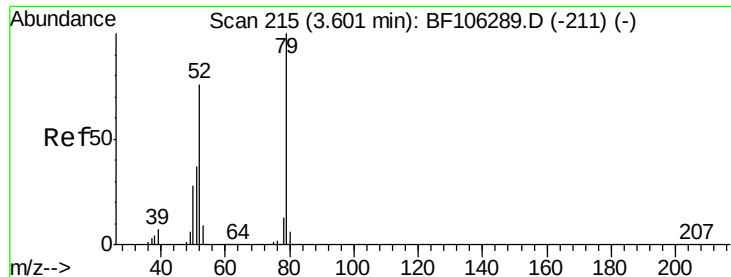


#2

1,4-Dioxane
Concen: 28.326 ng
RT: 2.86 min Scan# 89
Delta R.T. 0.08 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.9	62.6	93.8
43	29.8	24.6	37.0





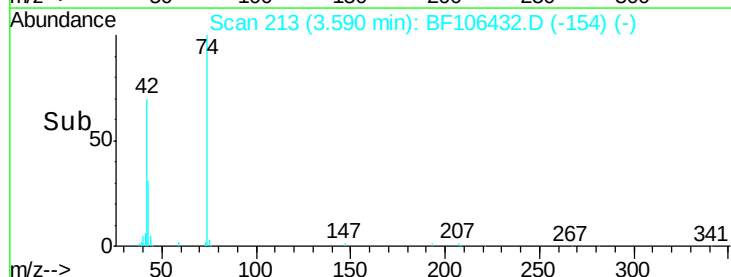
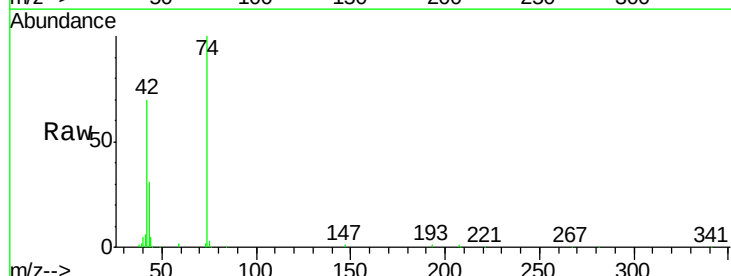
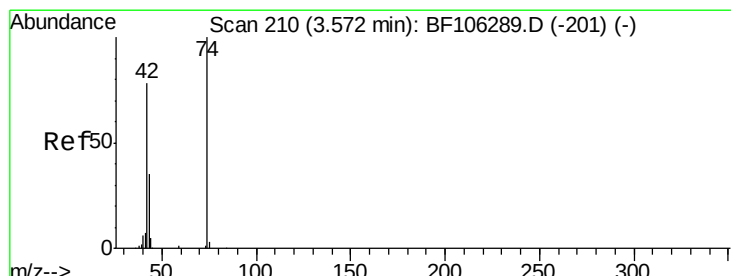
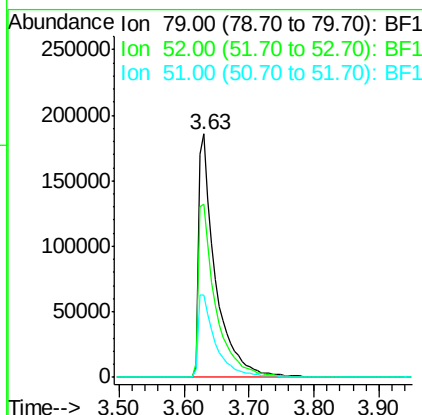
#3
 Pvridine
 Concen: 30.638 ng
 RT: 3.63 min Scan# 220
 Delta R.T. 0.06 min
 Lab File: BF106432.D
 Acq: 14 Jun 2018 10:09

Tot Ion:	79	Resp:	331591
Ion Ratio	Lower	Upper	
79	100		
52	71.1	59.8	89.6
51	33.7	29.8	44.8

Instrument :
 BNA_F
 ClientSampleId :
 PB110241BS

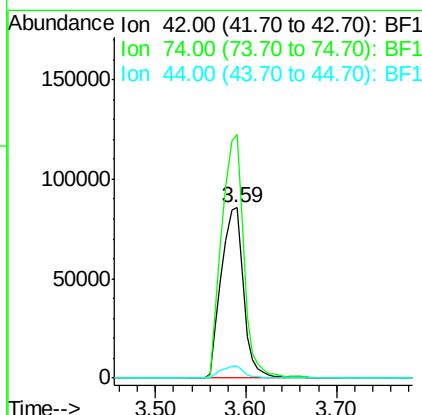
Manual Integrations
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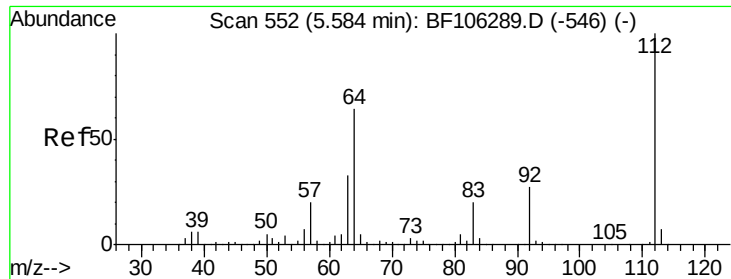
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#4
 n-Nitrosodimethylamine
 Concen: 29.692 ng
 RT: 3.59 min Scan# 213
 Delta R.T. 0.05 min
 Lab File: BF106432.D
 Acq: 14 Jun 2018 10:09

Tgt Ion:	42	Resp:	147212
Ion Ratio	Lower	Upper	
42	100		
74	142.9	104.9	157.3
44	7.4	6.9	10.3





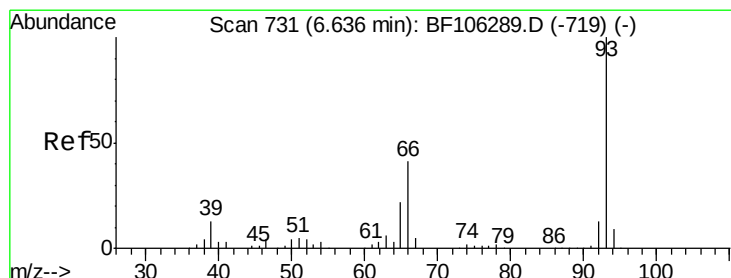
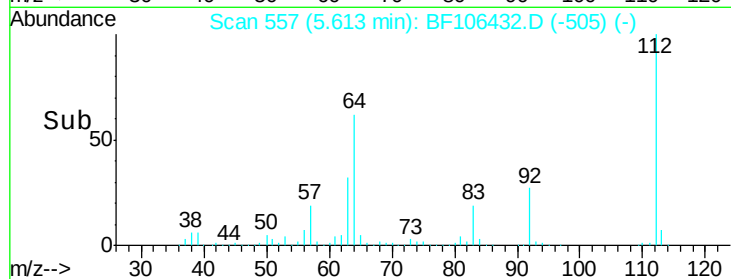
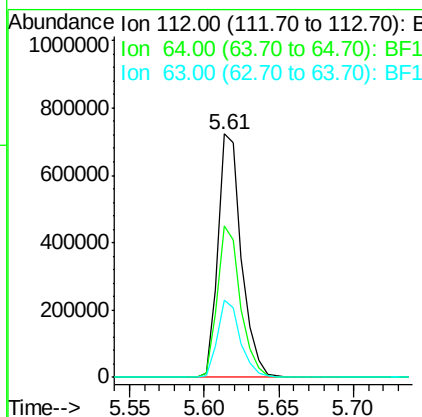
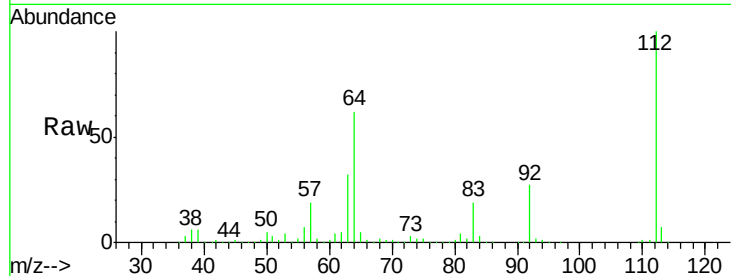
#5
2-Fluorophenol
Concen: 106.605 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Instrument :
BNA_F
ClientSampleId :
PB110241BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		799992		
64	62.0	47.9	71.9		
63	31.7	23.7	35.5		

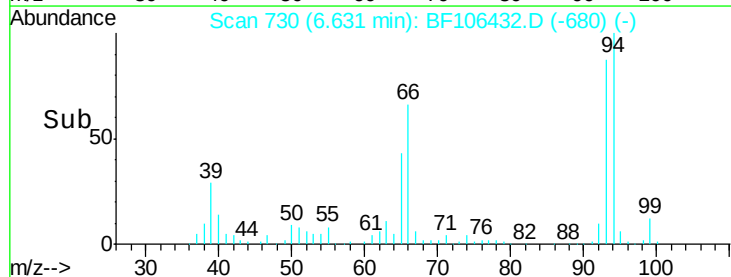
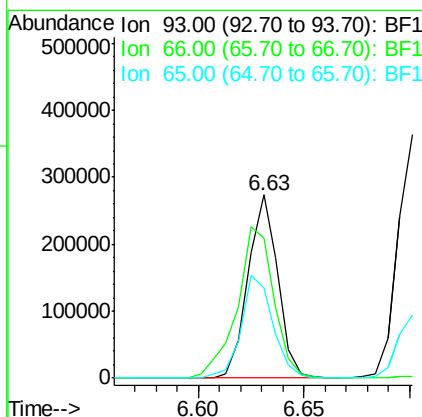
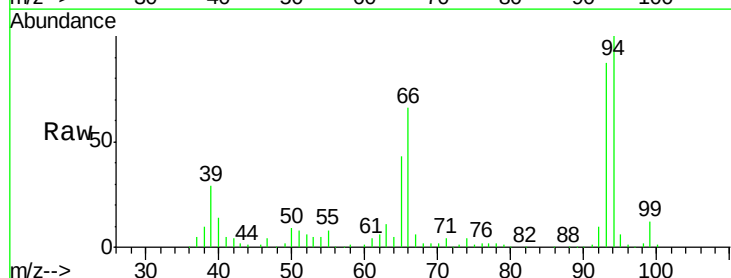
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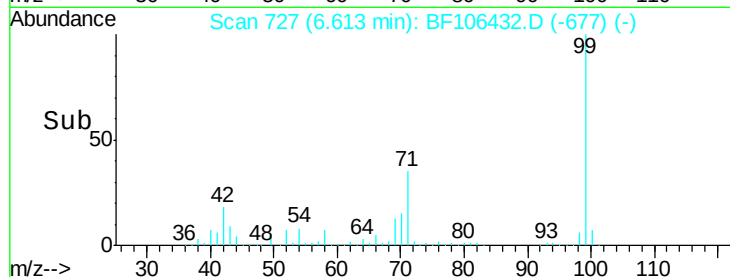
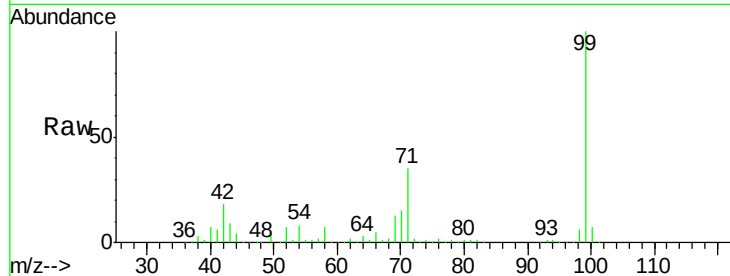
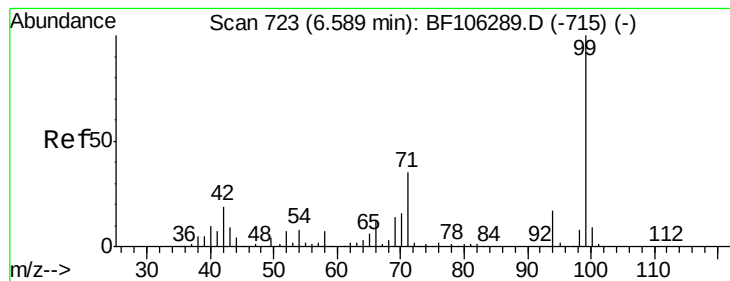
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#6
Aniline
Concen: 19.416 ng
RT: 6.63 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		268795		
66	76.3	32.2	48.2#		
65	49.2	16.4	24.6#		





#7

Phenol-d6

Concen: 99.289 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF106432.D

Acq: 14 Jun 2018 10:09

Tot Ion:	99	Resp:	941353
Ion Ratio	Lower	Upper	
99	100		
42	17.7	14.5	21.7
71	35.1	25.4	38.0

Instrument :

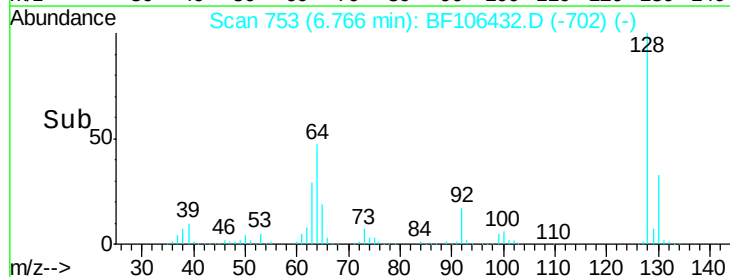
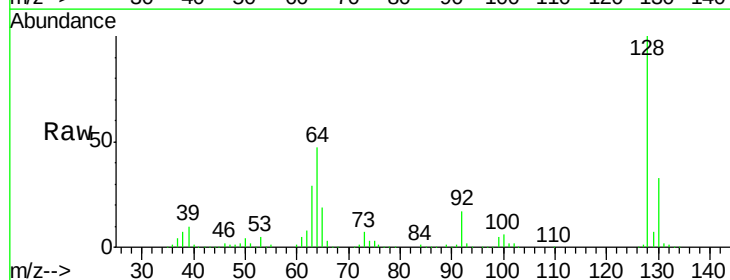
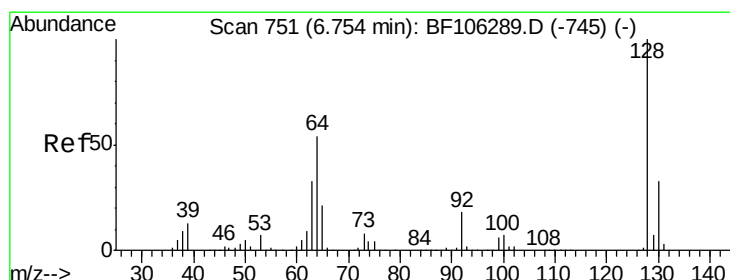
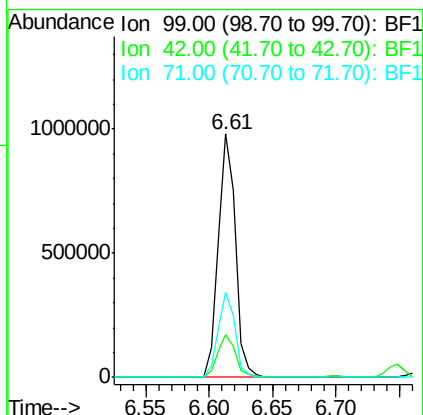
BNA_F

ClientSampled :

PB110241BS

Manual Integrations
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#8

2-Chlorophenol

Concen: 36.420 ng

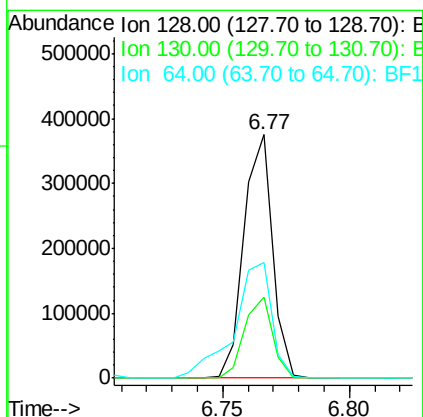
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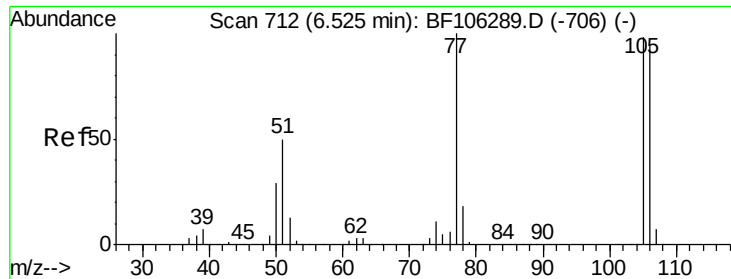
Delta R.T. 0.00 min

Lab File: BF106432.D

Acq: 14 Jun 2018 10:09

Tgt Ion:	128	Resp:	293909
Ion Ratio	Lower	Upper	
128	100		
130	33.3	13.0	53.0
64	47.4	29.4	69.4





#9

Benzaldehyde

Concen: 26.985 ng

RT: 6.52 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF106432.D

Acq: 14 Jun 2018 10:09

Instrument :

BNA_F

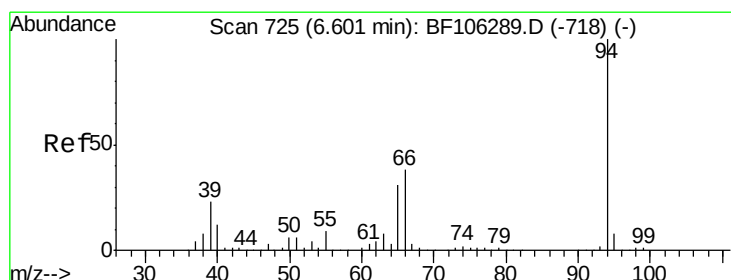
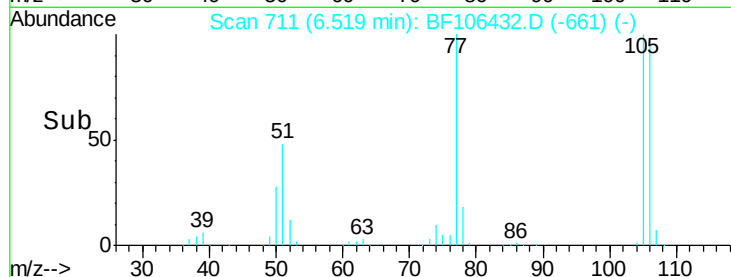
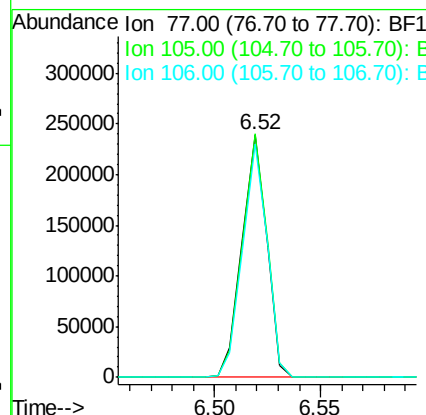
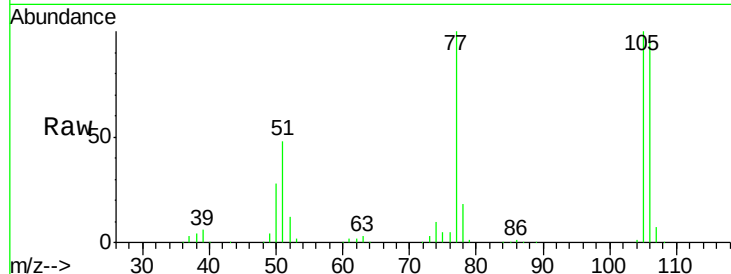
ClientSampleId :

PB110241BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	100.3	81.1	121.1
106	96.0	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 35.964 ng

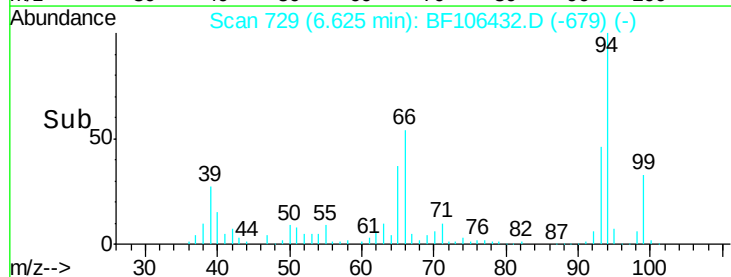
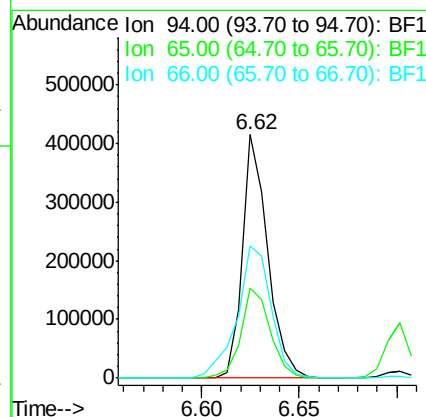
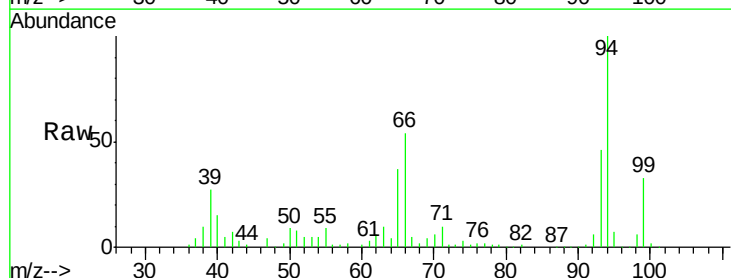
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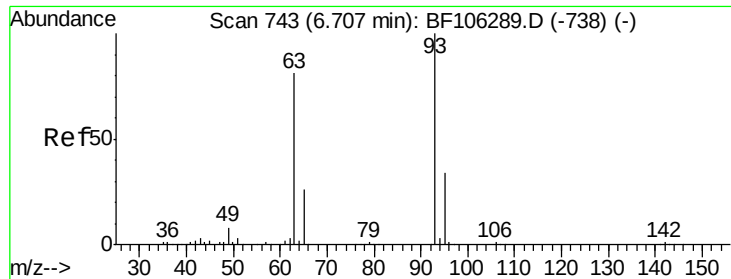
Delta R.T. -0.01 min

Lab File: BF106432.D

Acq: 14 Jun 2018 10:09

Tgt Ion	Ratio	Lower	Upper
94	100		
65	36.9	7.9	47.9
66	54.5	16.2	56.2





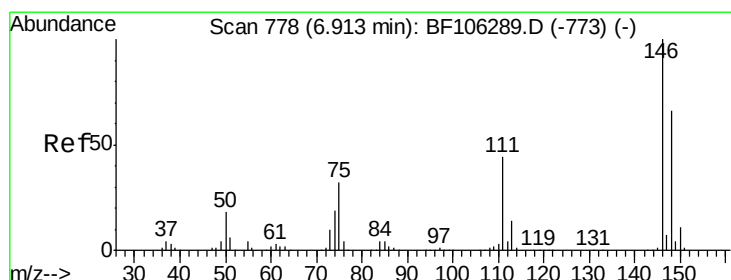
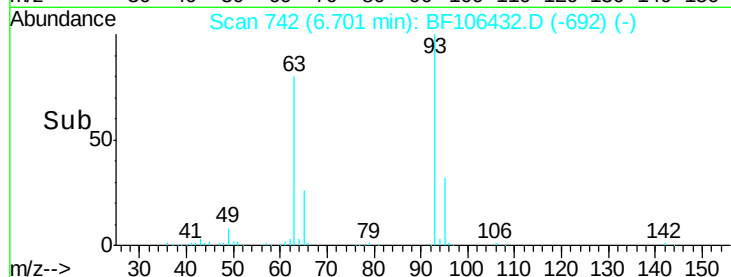
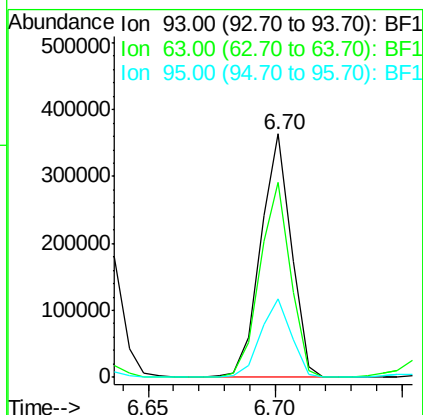
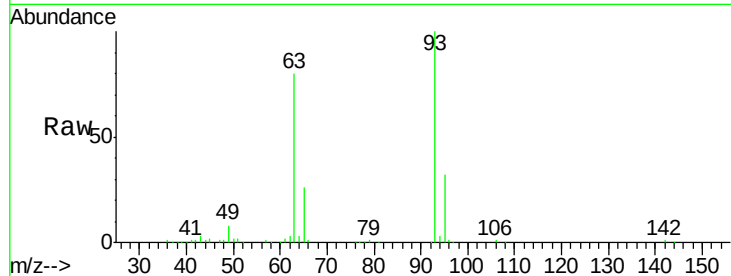
#11
bis(2-Chloroethyl)ether
Concen: 34.272 ng
RT: 6.70 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Instrument :
BNA_F
ClientSampleId :
PB110241BS

Tot Ion:	93	Resp:	303667
Ion Ratio	Lower	Upper	
93	100		
63	80.3	58.6	98.6
95	32.5	11.8	51.8

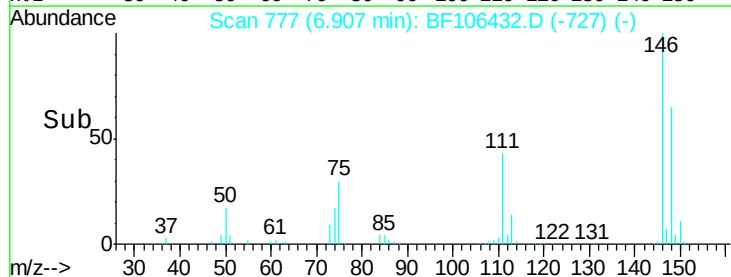
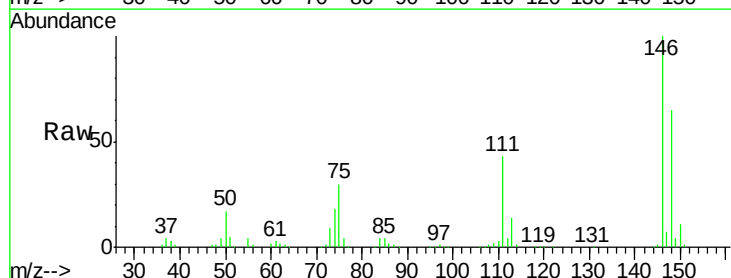
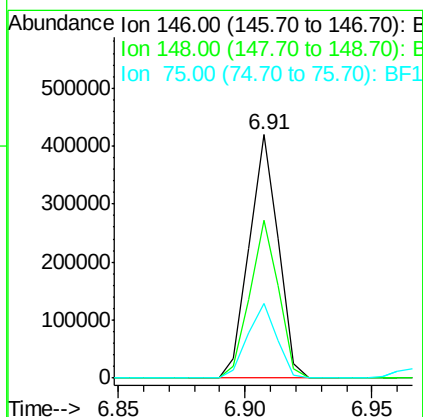
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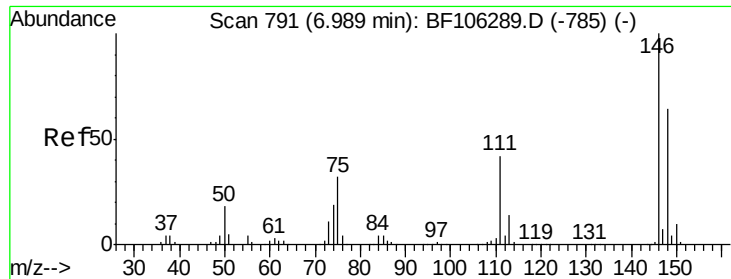
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#12
1,3-Dichlorobenzene
Concen: 35.130 ng
RT: 6.91 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Tgt Ion:	146	Resp:	333657
Ion Ratio	Lower	Upper	
146	100		
148	65.0	51.8	77.8
75	30.4	24.2	36.4





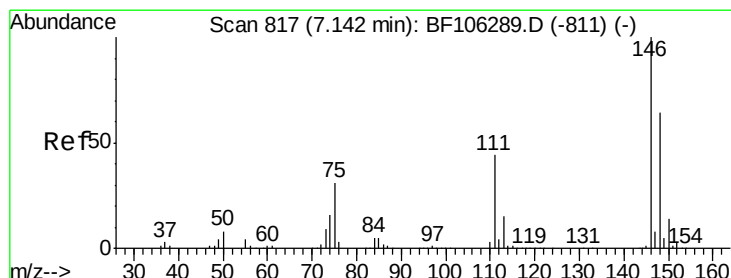
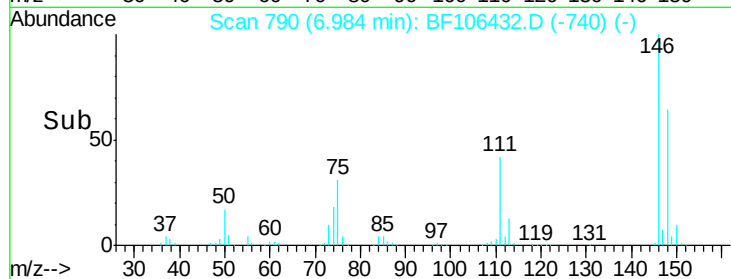
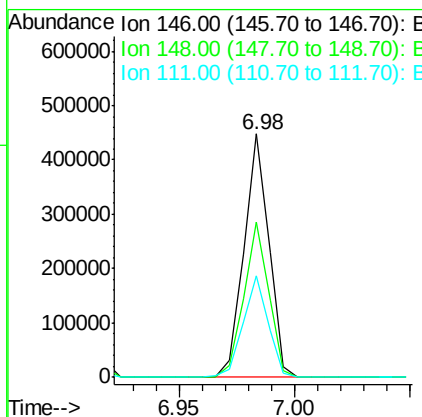
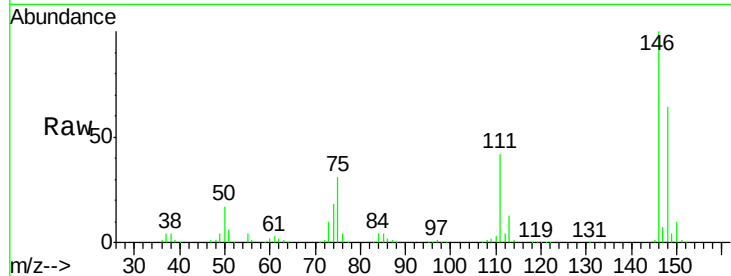
#13
 1,4-Dichlorobenzene
 Concen: 35.053 ng
 RT: 6.98 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF106432.D
 Acq: 14 Jun 2018 10:09

Instrument :
 BNA_F
 ClientSampleId :
 PB110241BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.8	76.2
111	41.7	34.2	51.2

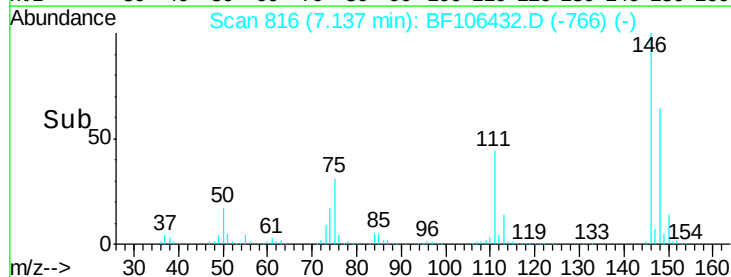
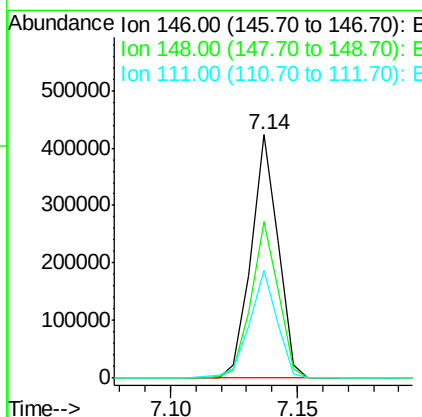
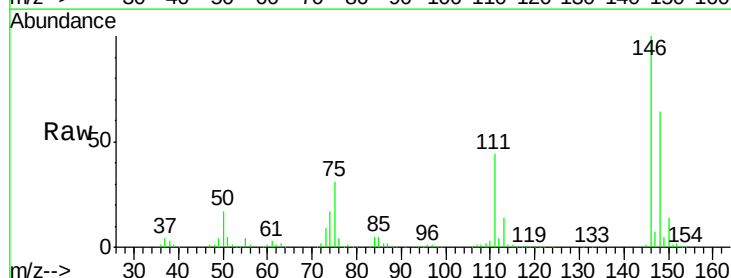
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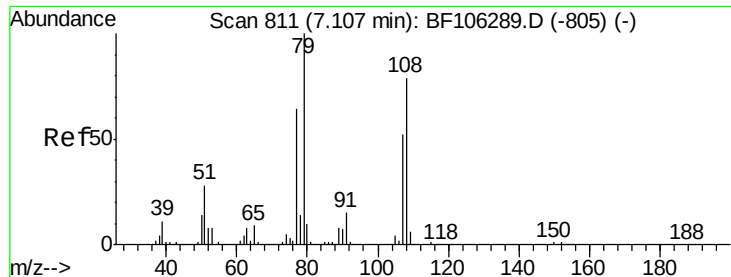
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#14
 1,2-Dichlorobenzene
 Concen: 34.597 ng
 RT: 7.14 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF106432.D
 Acq: 14 Jun 2018 10:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.6	75.8
111	44.3	36.0	54.0





#15

Benzyl Alcohol

Concen: 33.481 ng

RT: 7.11 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF106432.D

Acq: 14 Jun 2018 10:09

Instrument :

BNA_F

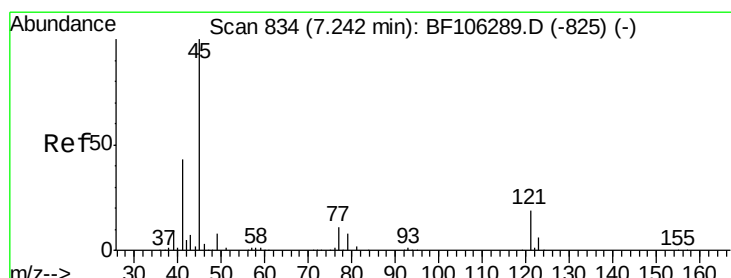
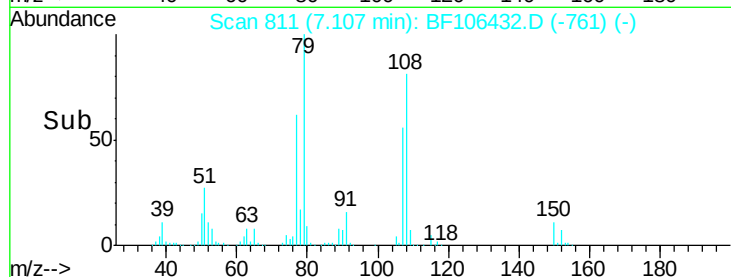
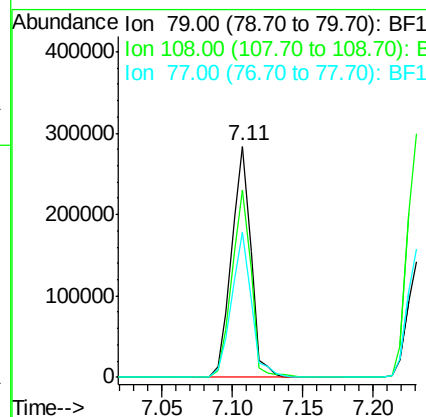
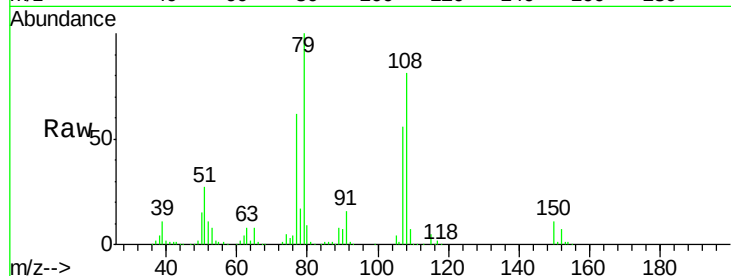
ClientSampleId :

PB110241BS

Tot Ion:	79	Resp:	271848
Ion Ratio	Lower	Upper	
79	100		
108	80.8	65.1	97.7
77	62.4	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.785 ng

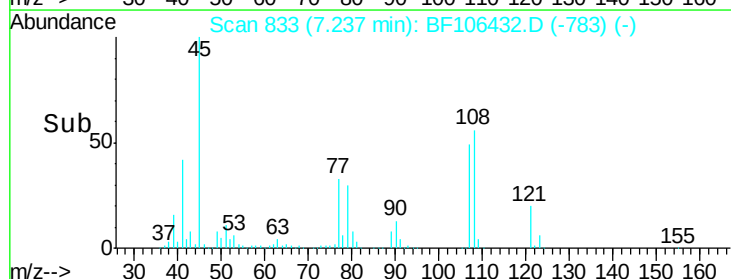
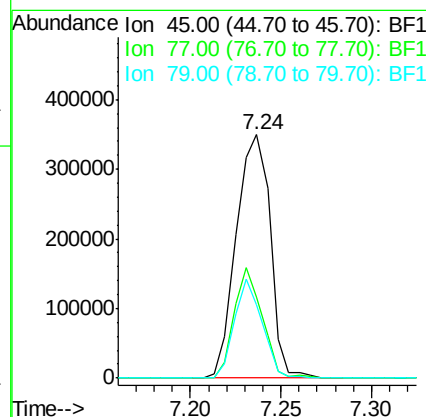
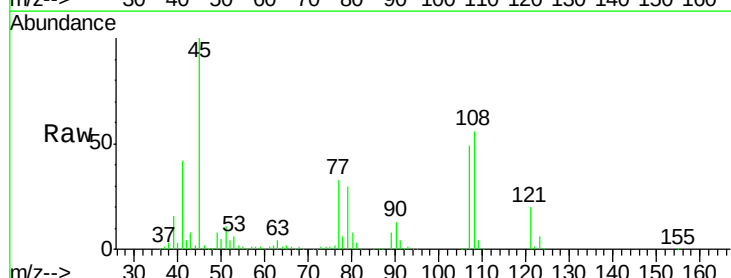
RT: 7.24 min Scan# 833

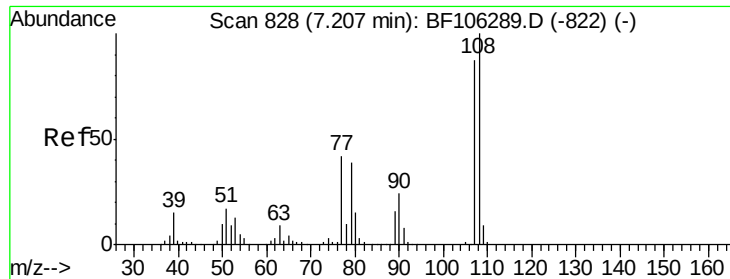
Delta R.T. -0.01 min

Lab File: BF106432.D

Acq: 14 Jun 2018 10:09

Tgt Ion:	45	Resp:	454517
Ion Ratio	Lower	Upper	
45	100		
77	33.3	0.0	32.9#
79	30.3	0.0	29.6#





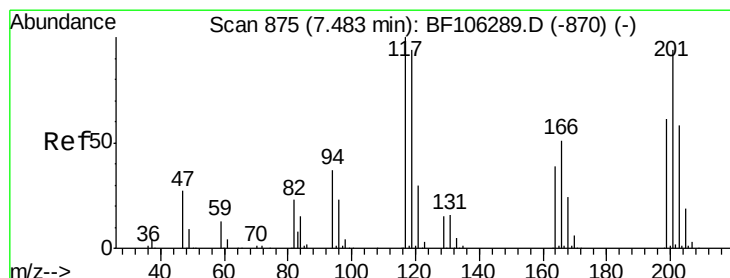
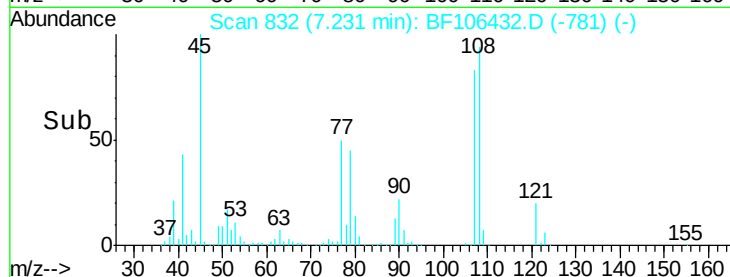
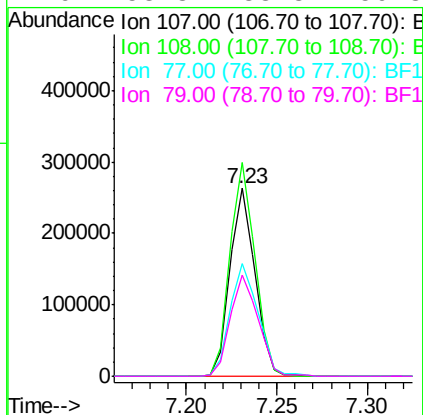
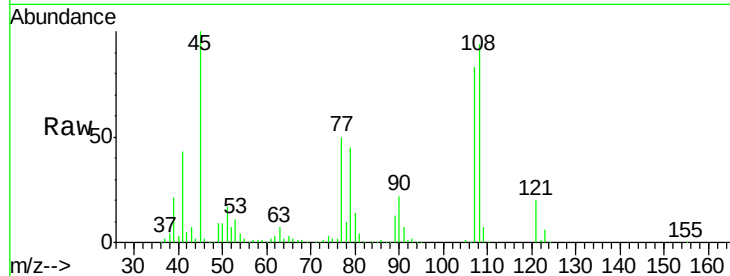
#17
2-Methylphenol
Concen: 35.045 ng
RT: 7.23 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Instrument :
BNA_F
ClientSampled :
PB110241BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.6	91.7	137.5	
77	60.2	33.8	50.8#	
79	53.8	33.8	50.8#	

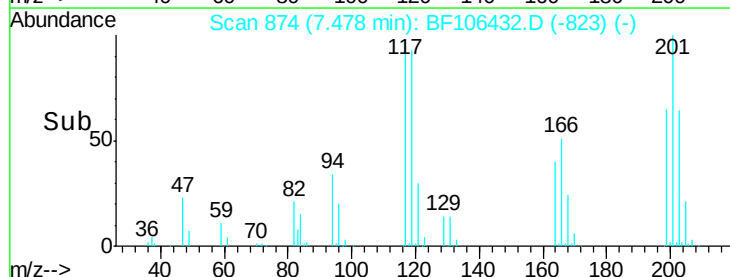
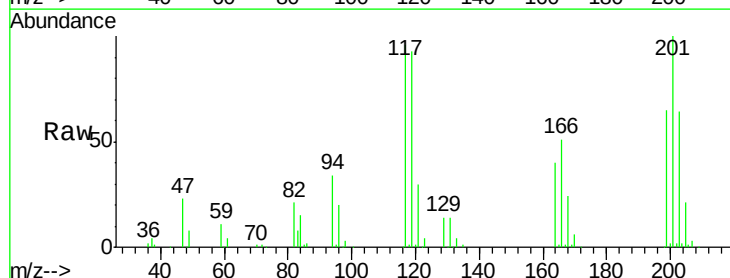
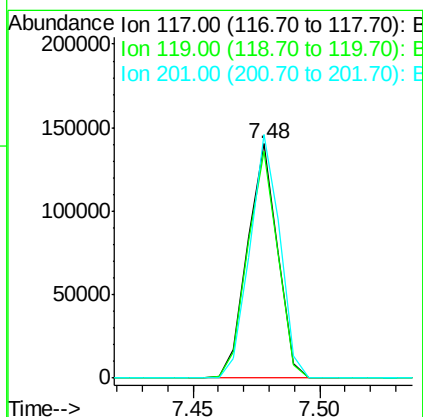
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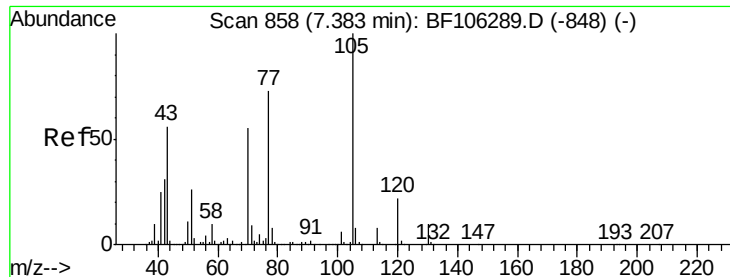
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#18
Hexachloroethane
Concen: 33.663 ng
RT: 7.48 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.9	75.8	113.8	
201	103.8	75.7	113.5	





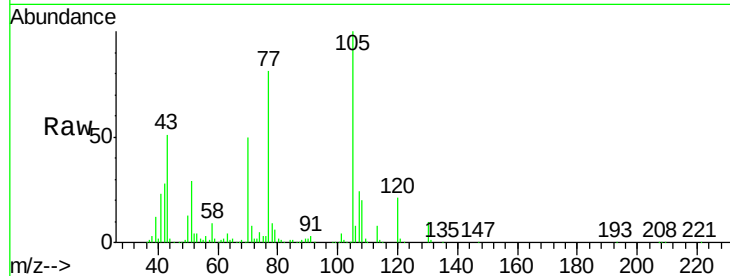
#19
n-Nitroso-di-n-propylamine
Concen: 30.649 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Instrument :
BNA_F
ClientSampleId :
PB110241BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.7	47.5	71.3	
101	8.7	7.4	11.2	
130	19.1	16.6	25.0	

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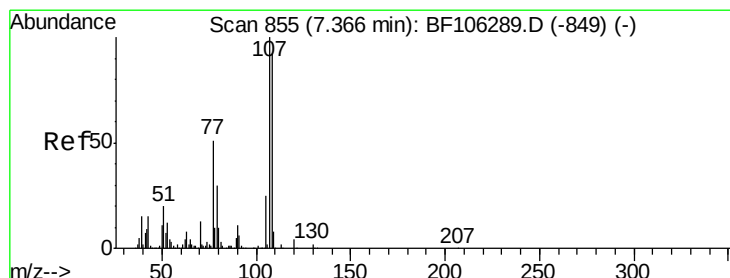
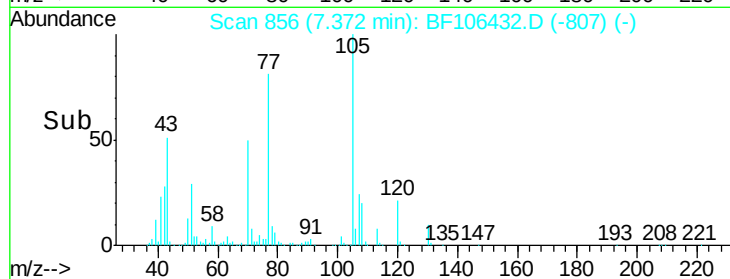
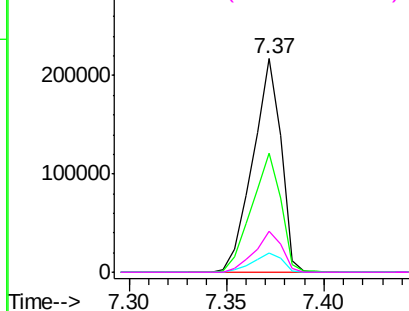
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 35.966 ng
RT: 7.38 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.2	68.2	108.2	
77	38.6	26.7	66.7	
79	29.0	6.3	46.3	

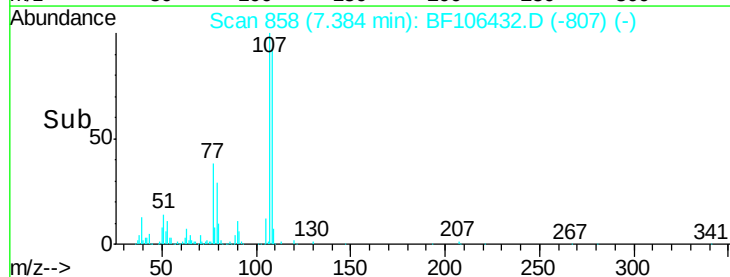
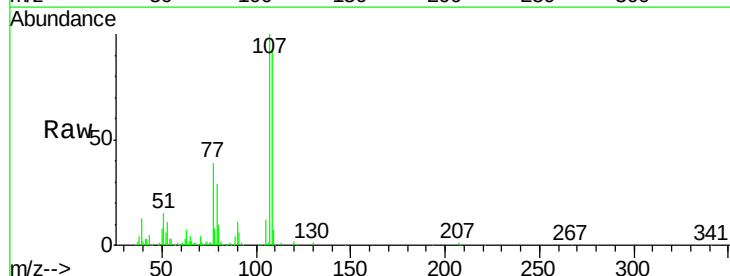
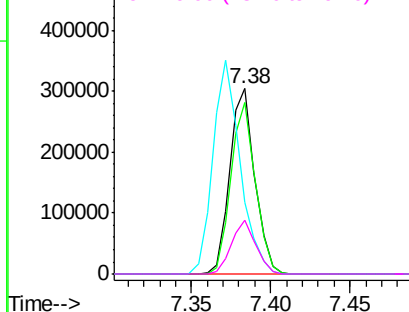
Abundance

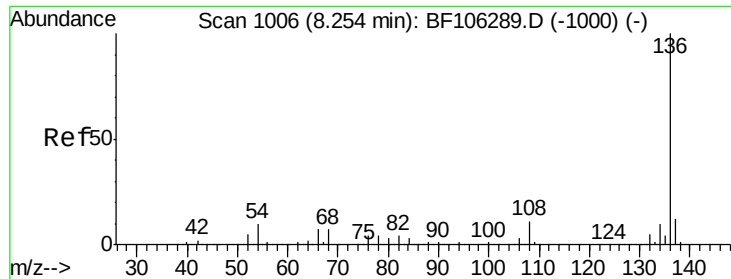
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





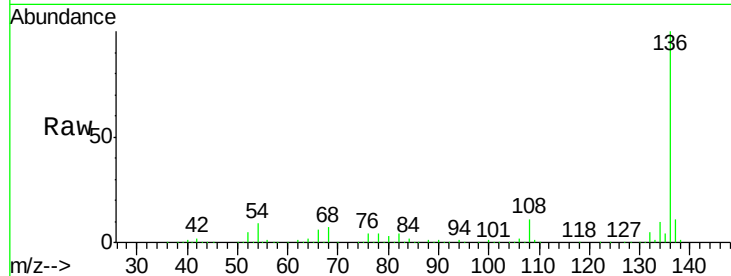
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Instrument :
BNA_F
ClientSampleId :
PB110241BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	487977		
137	11.4		8.9	13.3
54	9.3		6.6	9.8
68	7.3		5.0	7.4

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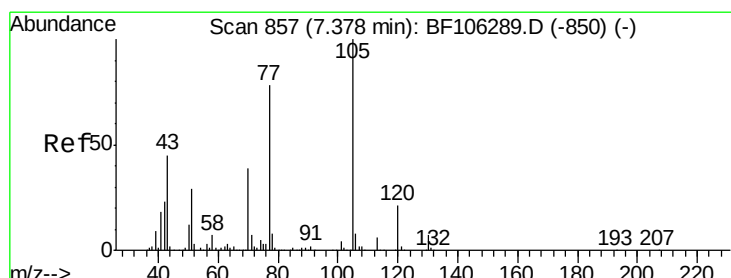
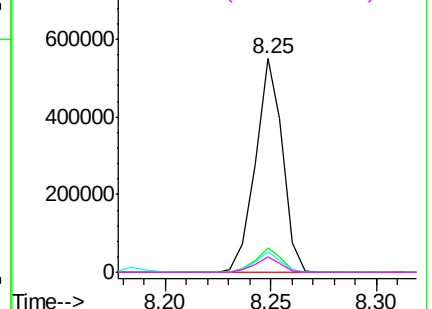
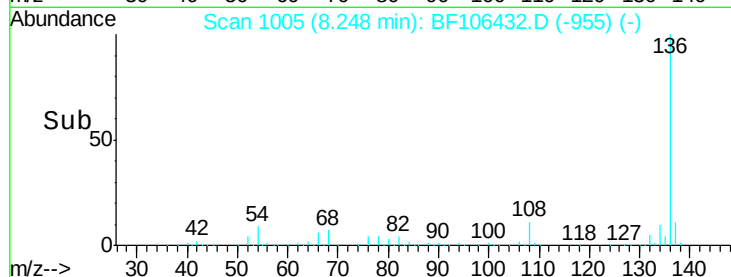
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

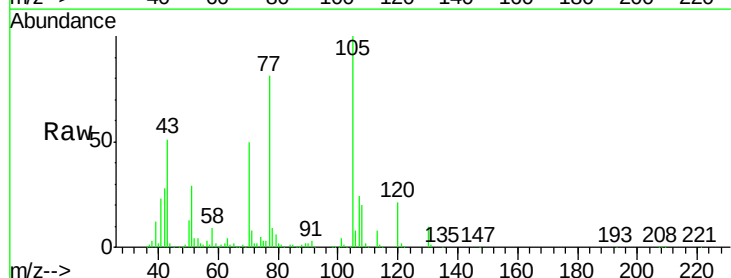
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 33.945 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	417434		
71	8.2		4.4	6.6#
51	29.4		22.3	33.5
120	20.9		16.9	25.3



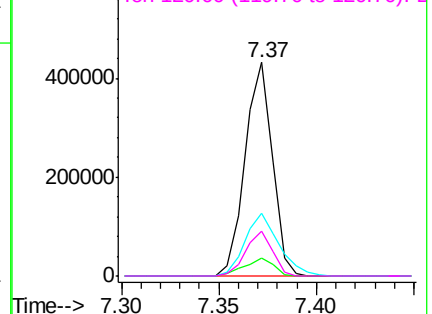
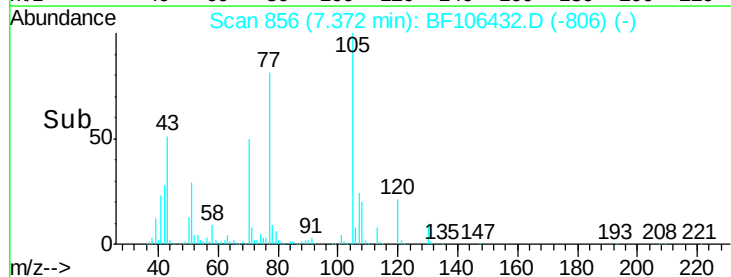
Abundance

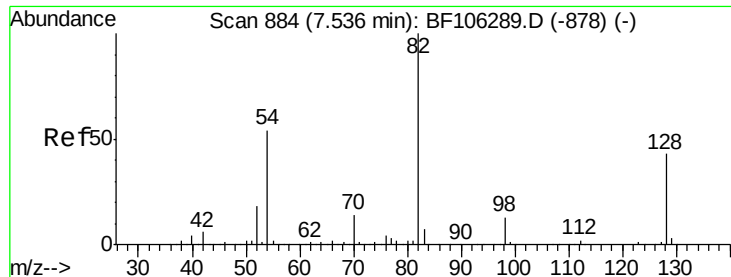
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





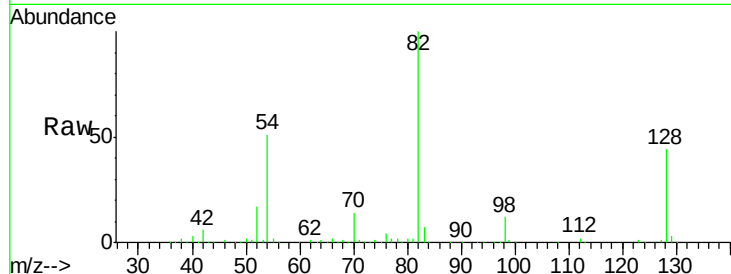
#23
Nitrobenzene-d5
Concen: 79.637 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Instrument :
BNA_F
ClientSampleId :
PB110241BS

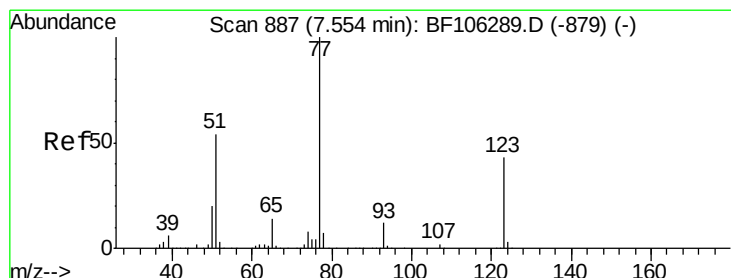
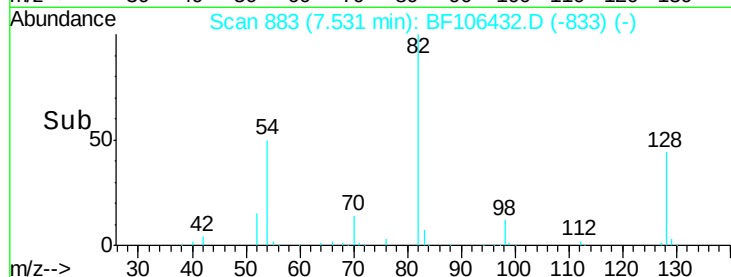
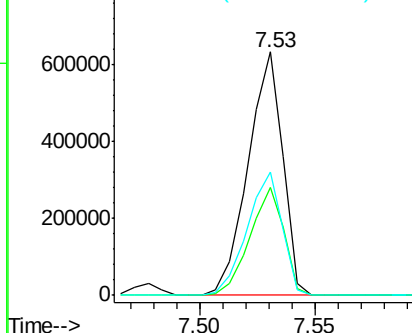
Tot Ion	Ratio	Resp	Lower	Upper
82	100	660584		
128	44.2	36.1	54.1	
54	50.8	41.4	62.2	

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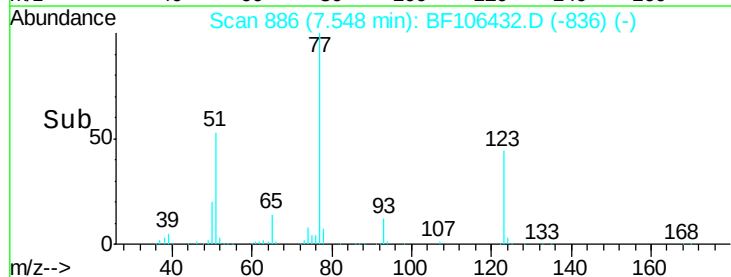
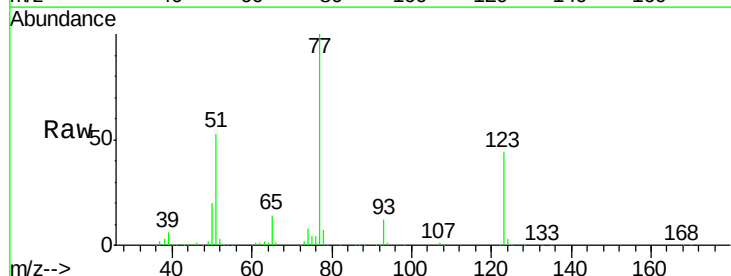
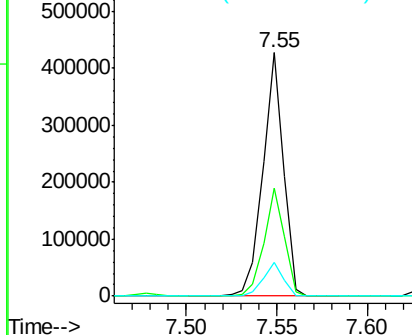
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

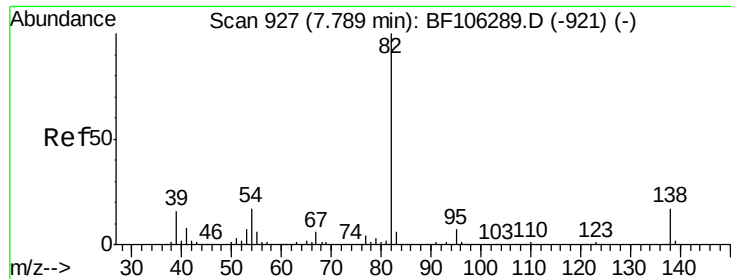


#24
Nitrobenzene
Concen: 37.493 ng
RT: 7.55 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	338023		
123	44.2	37.9	56.9	
65	14.1	11.0	16.4	

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





#25

Isophorone

Concen: 36.964 ng

RT: 7.78 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF106432.D

Acq: 14 Jun 2018 10:09

Instrument :

BNA_F

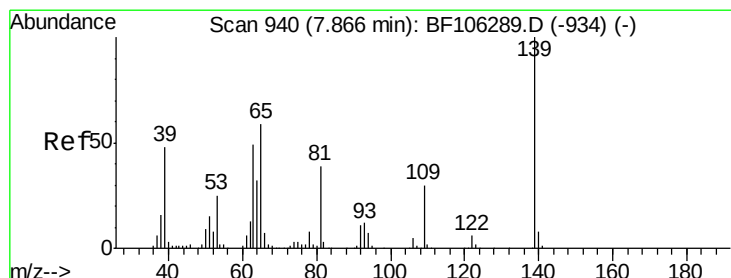
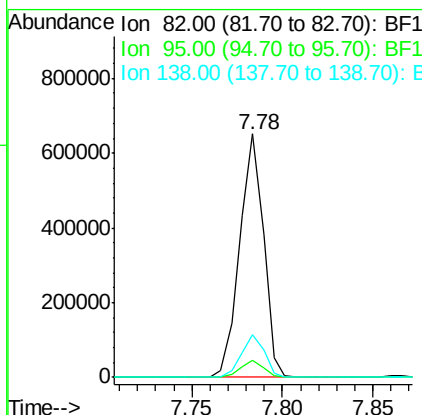
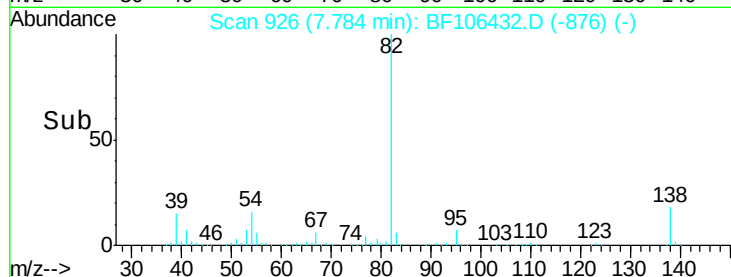
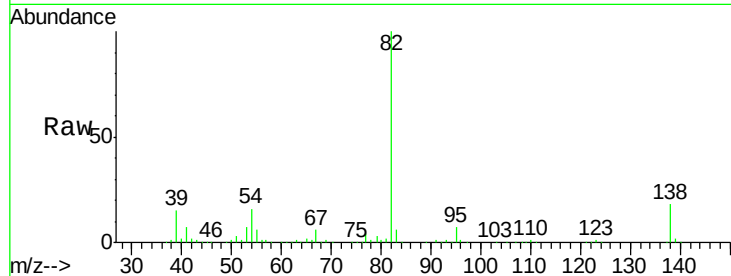
ClientSampleId :

PB110241BS

Tot Ion:	82	Resp:	598892
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.2	7.8
138	17.7	14.9	22.3

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#26

2-Nitrophenol

Concen: 45.729 ng

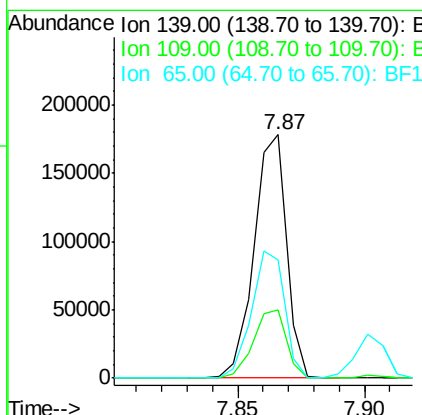
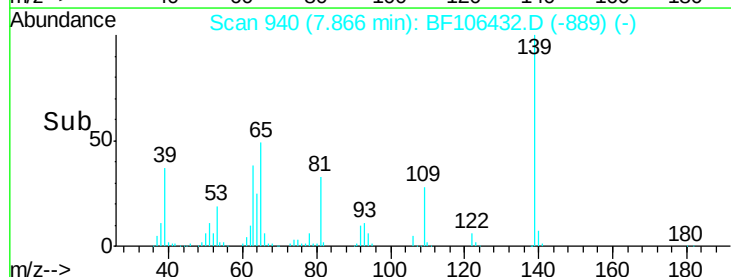
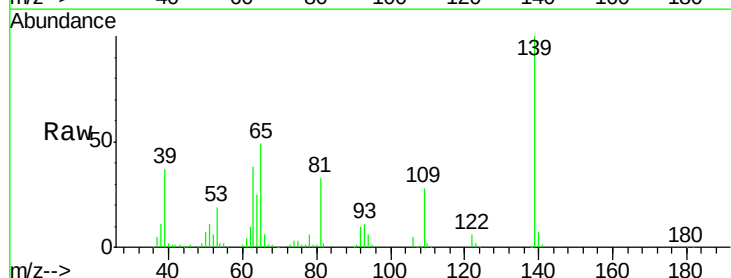
RT: 7.87 min Scan# 940

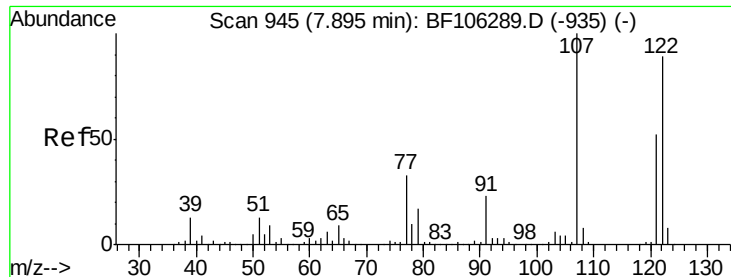
Delta R.T. 0.00 min

Lab File: BF106432.D

Acq: 14 Jun 2018 10:09

Tgt Ion:	139	Resp:	160025
Ion Ratio	Lower	Upper	
139	100		
109	27.8	22.7	34.1
65	48.7	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 39.576 ng

RT: 7.90 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF106432.D

Acq: 14 Jun 2018 10:09

Instrument :

BNA_F

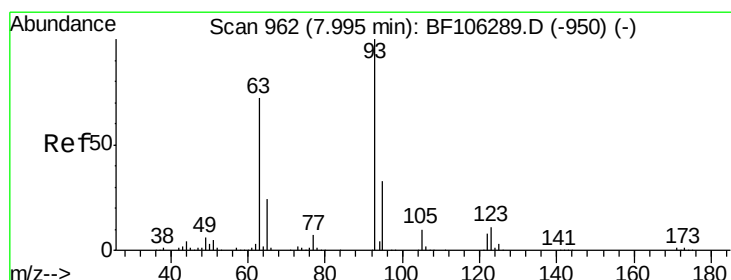
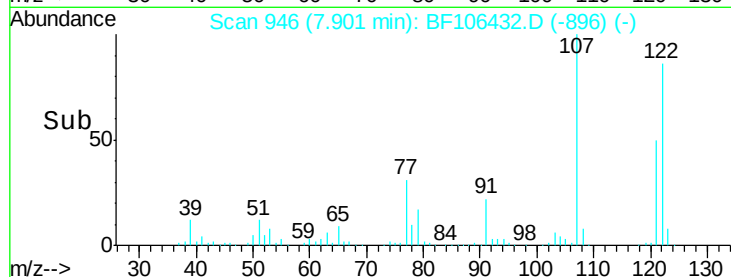
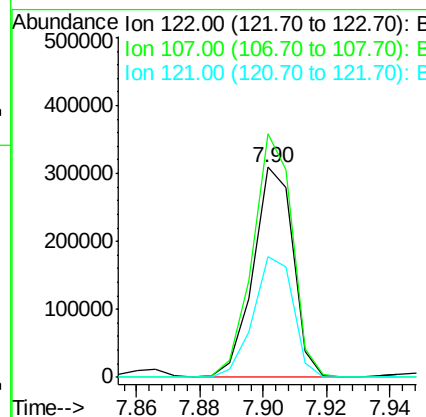
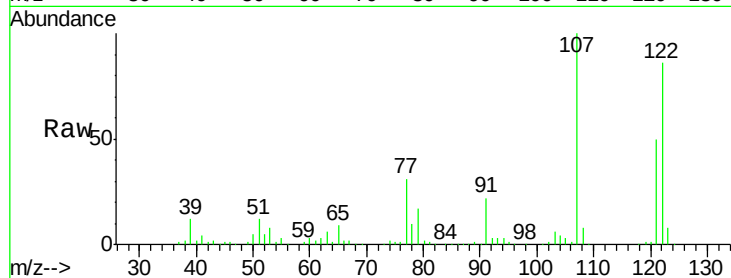
ClientSampled :

PB110241BS

Tot Ion:	122	Resp:	271455
Ion Ratio	Lower	Upper	
122	100		
107	115.9	91.2	136.8
121	57.7	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 36.677 ng

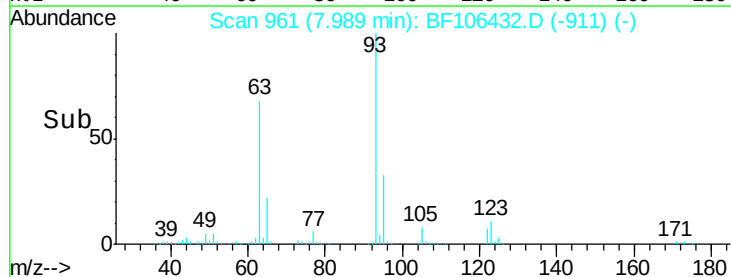
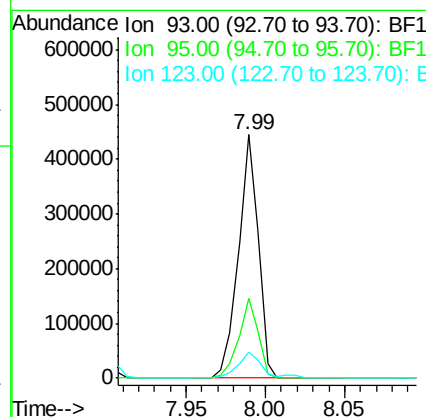
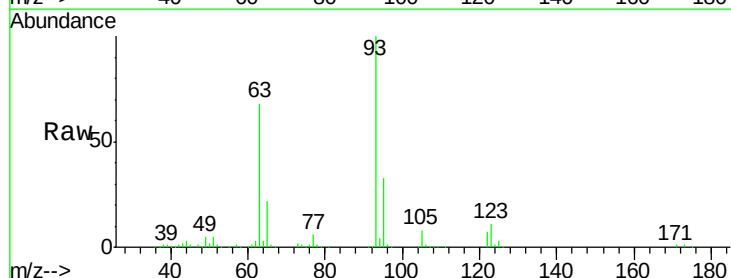
RT: 7.99 min Scan# 961

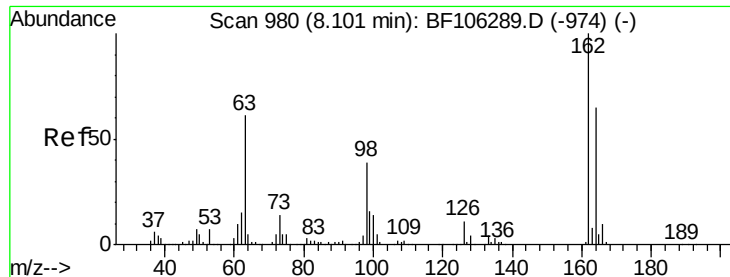
Delta R.T. -0.01 min

Lab File: BF106432.D

Acq: 14 Jun 2018 10:09

Tgt Ion:	93	Resp:	385312
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.3	39.5
123	10.9	9.8	14.6





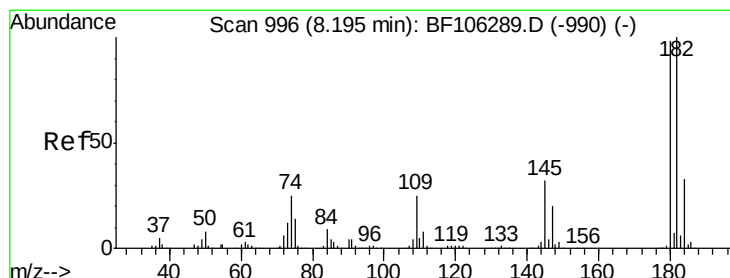
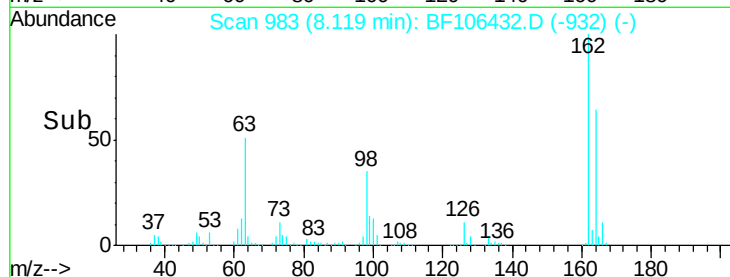
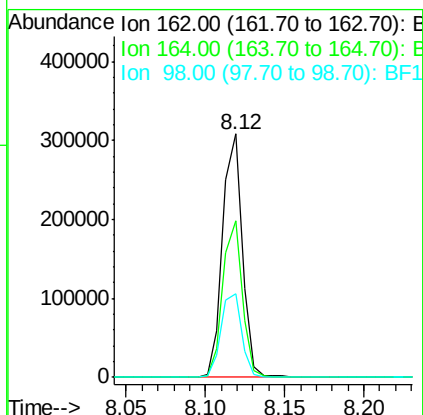
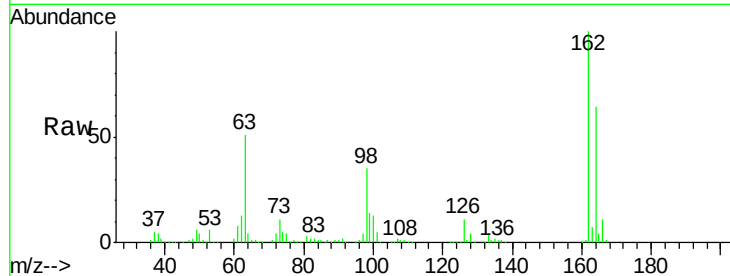
#29
 2,4-Dichlorophenol
 Concen: 40.297 ng
 RT: 8.12 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: BF106432.D
 Acq: 14 Jun 2018 10:09

Instrument :
 BNA_F
 ClientSampleId :
 PB110241BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	266651		
164	64.3	42.7	82.7	
98	34.6	18.1	58.1	

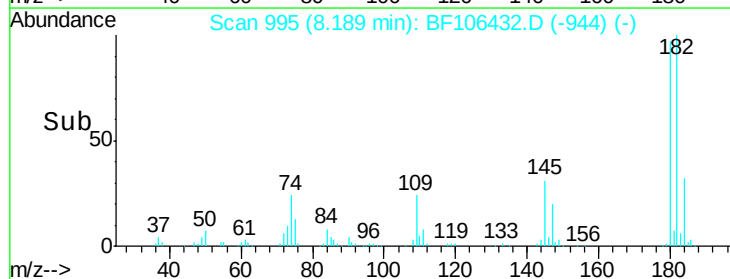
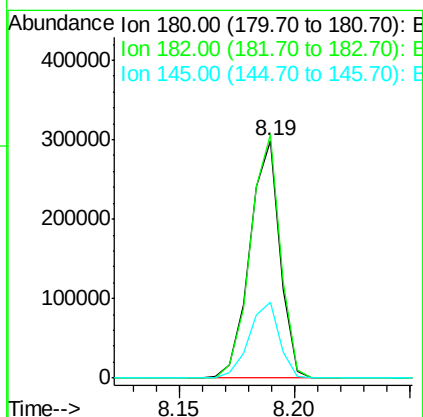
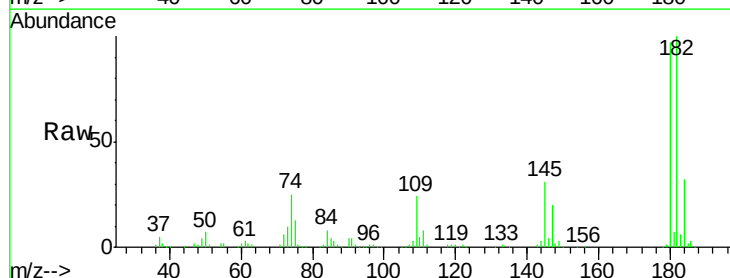
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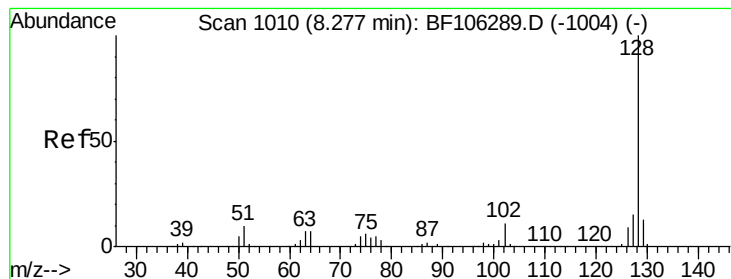
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 36.648 ng
 RT: 8.19 min Scan# 995
 Delta R.T. 0.00 min
 Lab File: BF106432.D
 Acq: 14 Jun 2018 10:09

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	271909		
182	102.6	76.8	115.2	
145	31.8	26.5	39.7	





#31

Naphthalene

Concen: 37.662 ng

RT: 8.27 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF106432.D

Acq: 14 Jun 2018 10:09

Instrument :

BNA_F

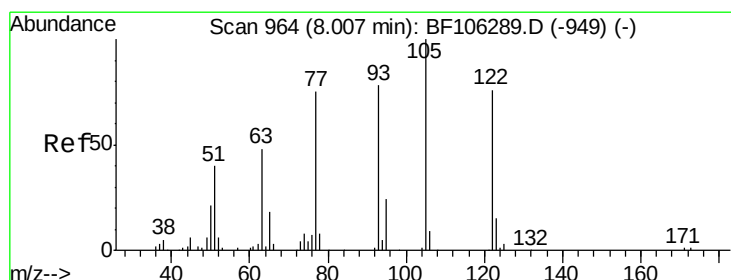
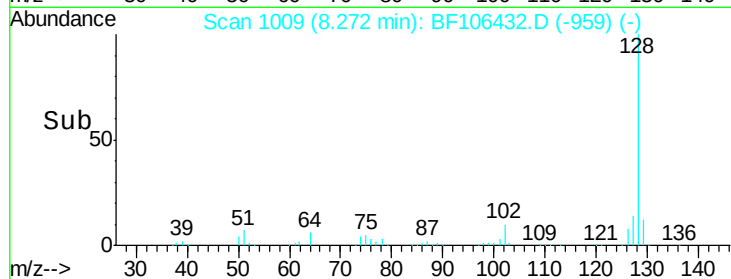
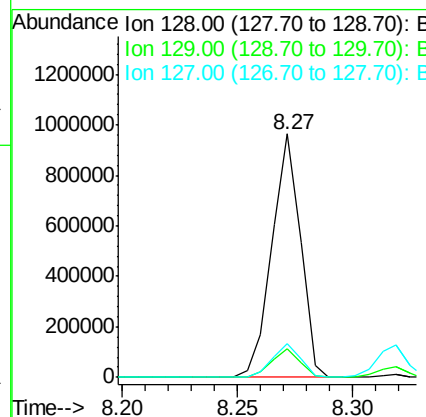
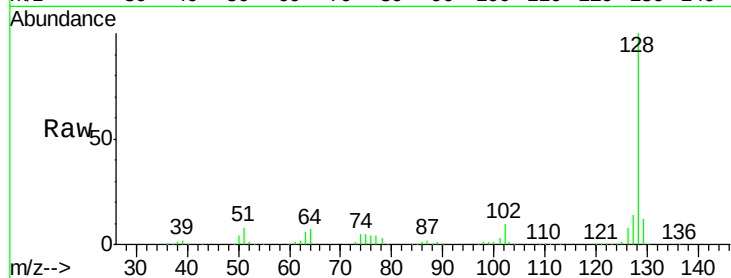
ClientSampleId :

PB110241BS

Tot Ion:	128	Resp:	830802
Ion Ratio	Lower	Upper	
128	100		
129	11.8	8.8	13.2
127	14.0	10.9	16.3

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#32

Benzoic acid

Concen: 32.430 ng

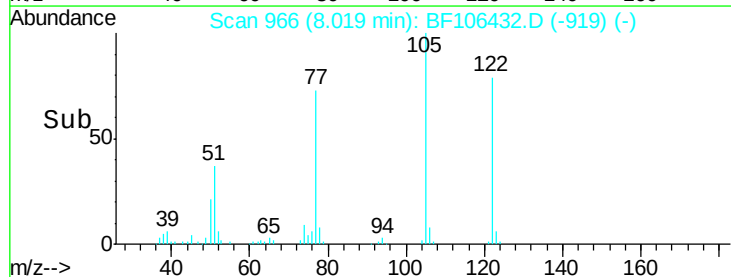
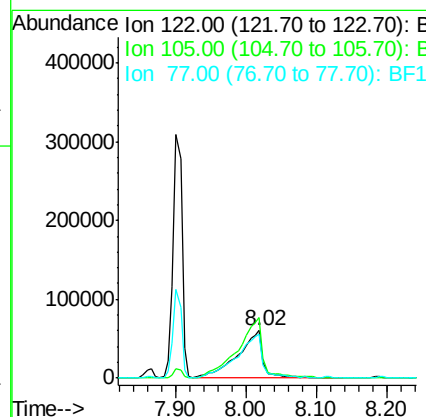
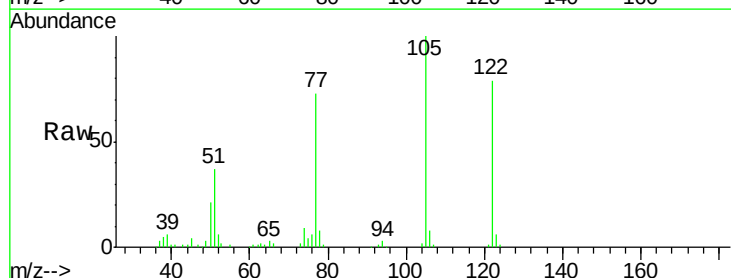
RT: 8.02 min Scan# 966

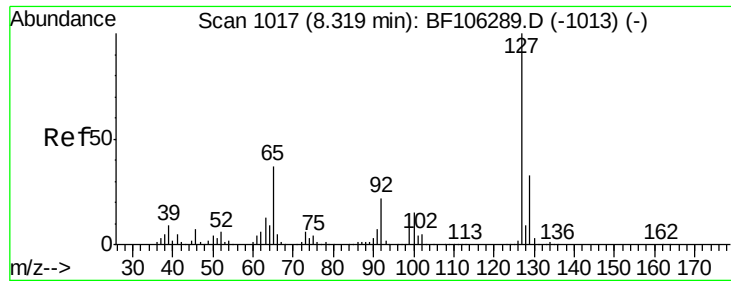
Delta R.T. -0.02 min

Lab File: BF106432.D

Acq: 14 Jun 2018 10:09

Tgt Ion:	122	Resp:	149957
Ion Ratio	Lower	Upper	
122	100		
105	126.6	101.1	141.1
77	92.2	70.7	110.7





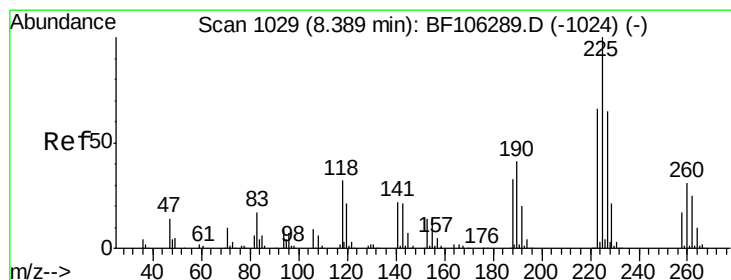
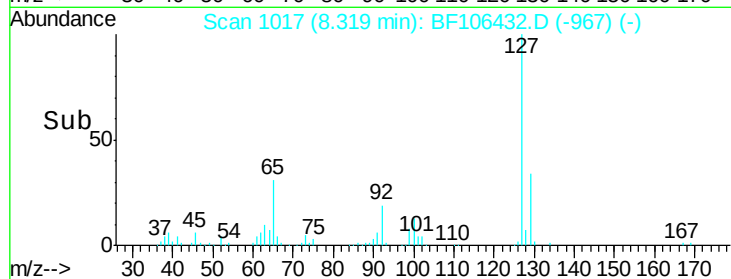
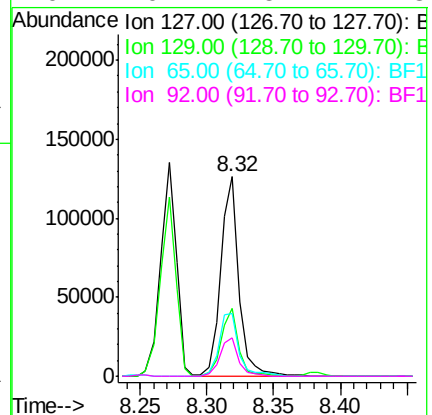
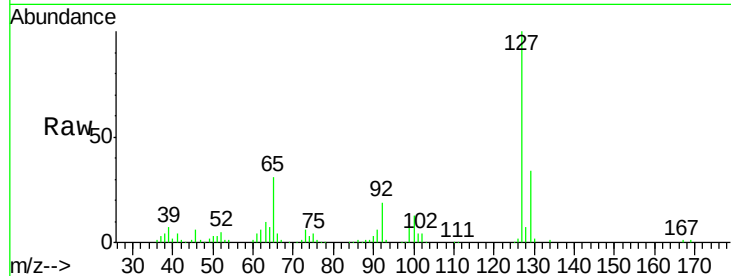
#33
4-Chloroaniline
Concen: 12.369 ng
RT: 8.32 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Instrument :
BNA_F
ClientSampleId :
PB110241BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	34.0		25.9	38.9	
65	31.5		25.0	37.4	
92	19.2		15.2	22.8	

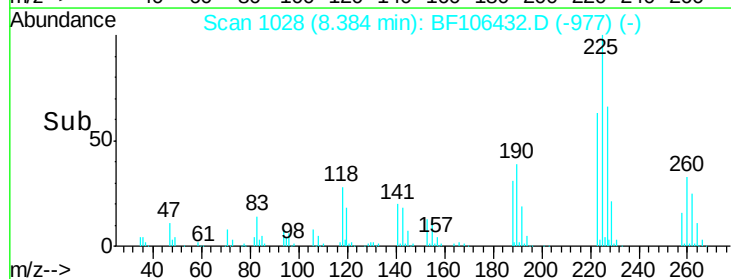
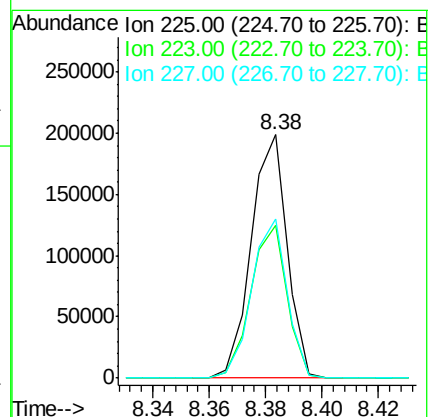
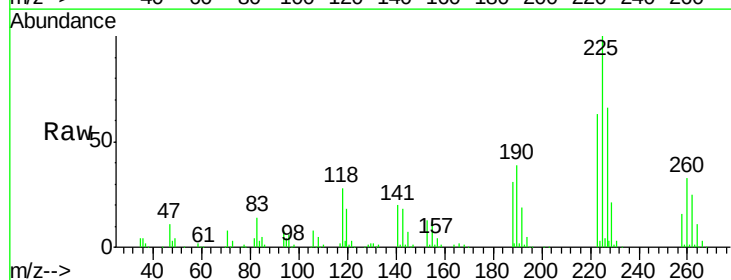
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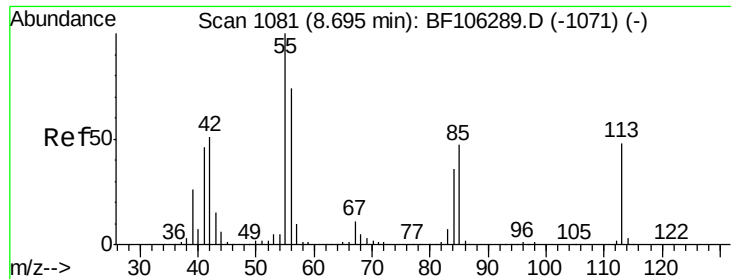
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#34
Hexachlorobutadiene
Concen: 36.645 ng
RT: 8.38 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.9		50.6	76.0	
227	65.6		51.9	77.9	





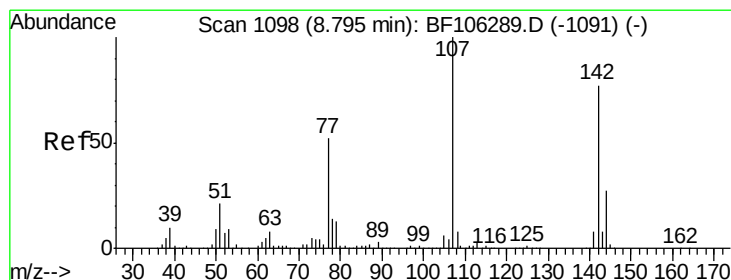
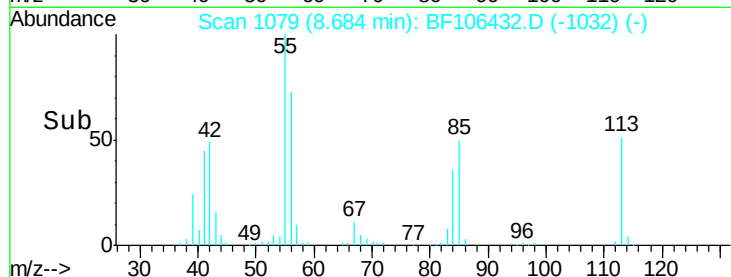
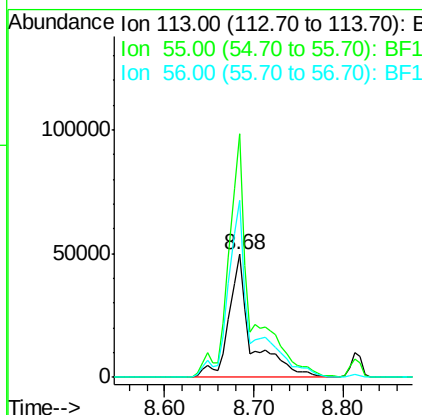
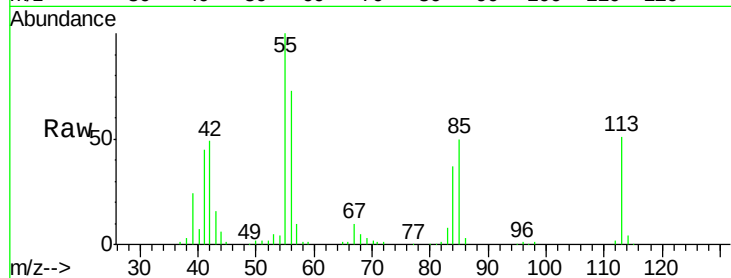
#35
Caprolactam
Concen: 39.102 ng/ml
RT: 8.68 min Scan# 1079
Delta R.T. -0.02 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Instrument :
BNA_F
ClientSampleID :
PB110241BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	197.9	163.3	203.3
56	144.2	115.7	155.7

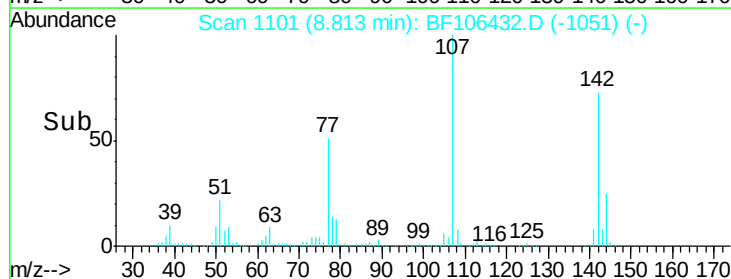
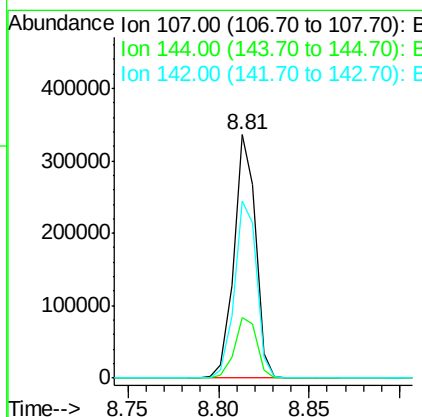
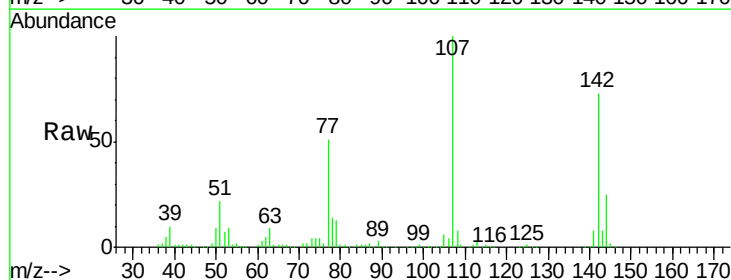
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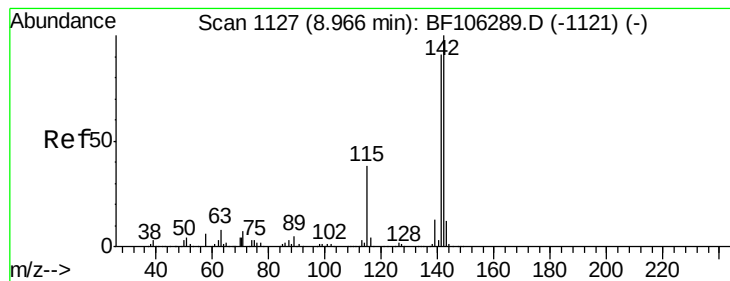
Sohil
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#36
4-Chloro-3-methylphenol
Concen: 38.110 ng/ml
RT: 8.81 min Scan# 1101
Delta R.T. -0.01 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.8	20.5	30.7
142	72.7	62.0	93.0





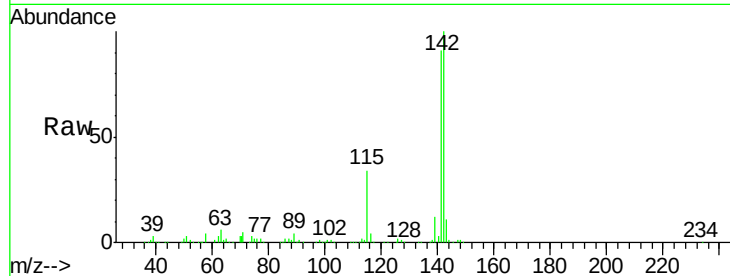
#37
2-Methylnaphthalene
Concen: 38.531 ng
RT: 8.97 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Instrument :
BNA_F
ClientSampleId :
PB110241BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.5	70.8	106.2
115	34.4	26.1	39.1

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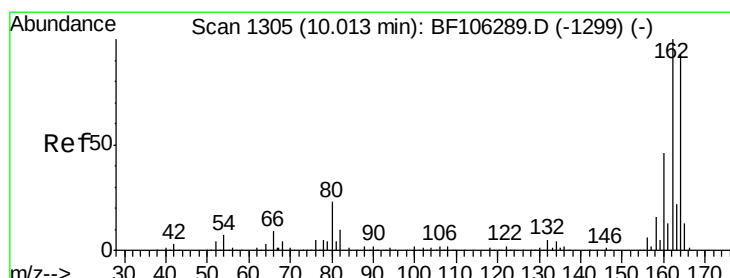
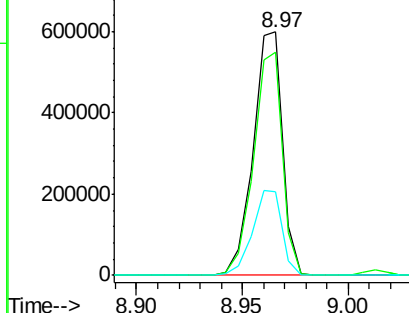
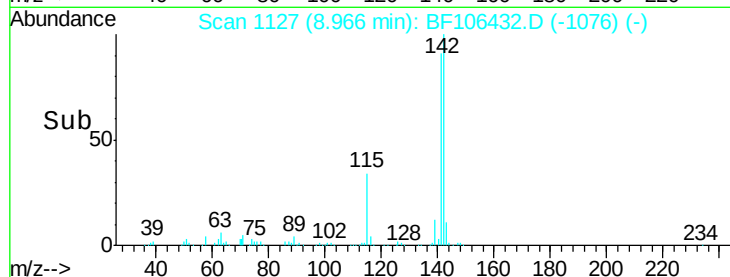
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

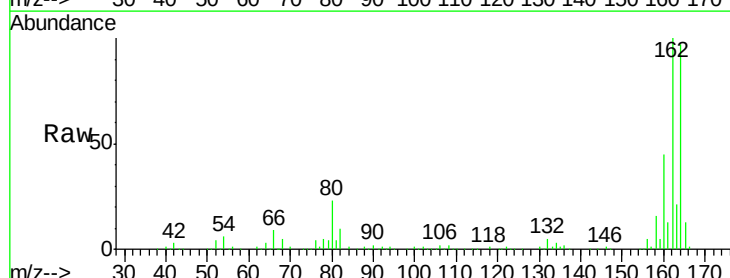
Ion 115.00 (114.70 to 115.70): E

8.97



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	86.1	129.1
160	46.2	38.3	57.5



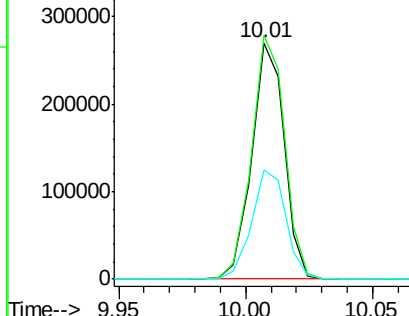
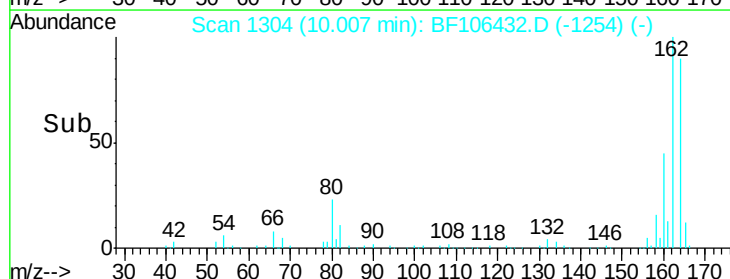
Abundance

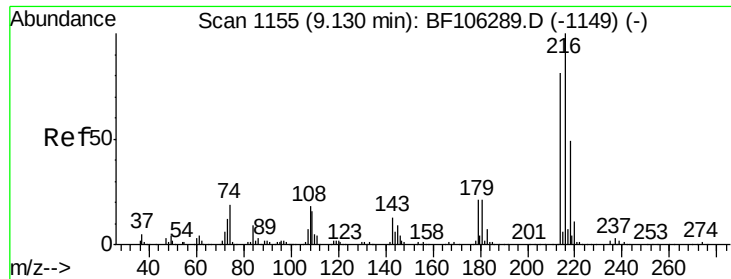
Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

10.01





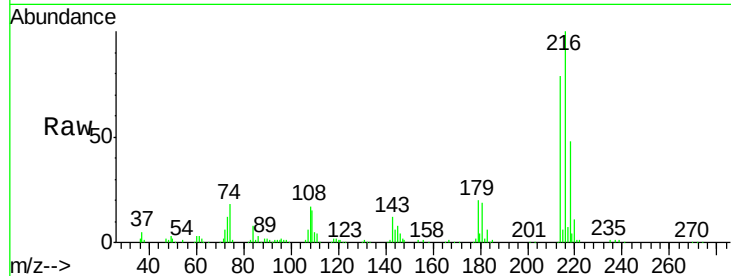
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.012 ng
 RT: 9.12 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF106432.D
 Acq: 14 Jun 2018 10:09

Instrument :
 BNA_F
 ClientSampleId :
 PB110241BS

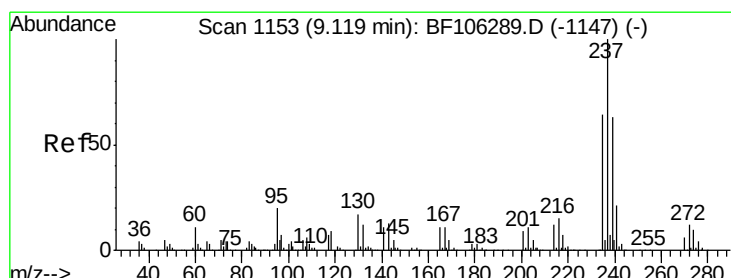
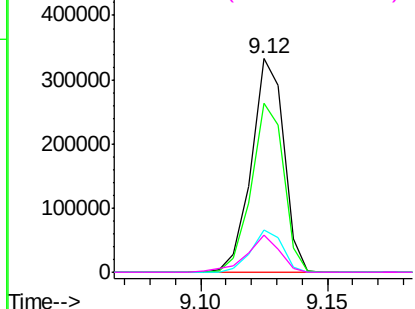
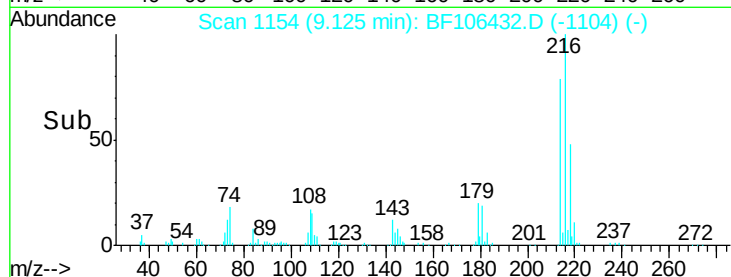
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		297174		
214	79.1		63.0	94.4	
179	19.5		18.1	27.1	
108	17.8		17.2	25.8	

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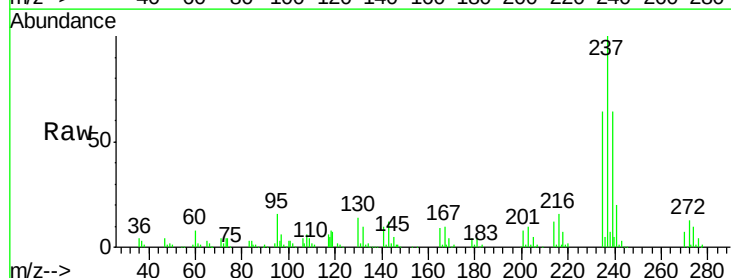


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

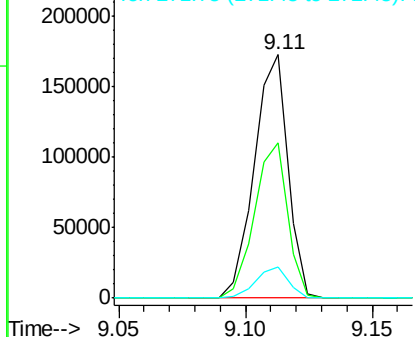
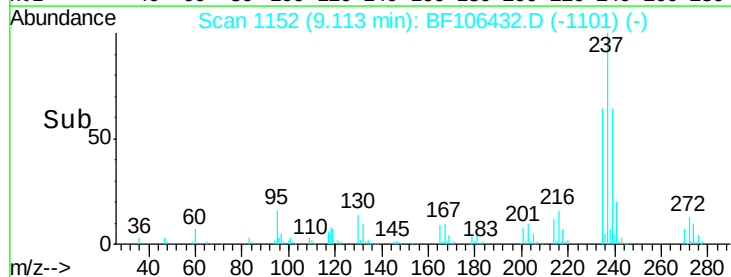


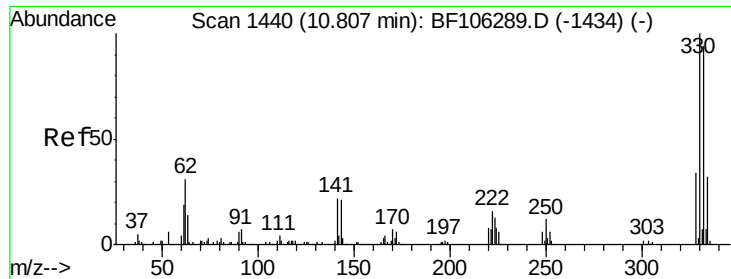
#40
 Hexachlorocyclopentadiene
 Concen: 37.106 ng
 RT: 9.11 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BF106432.D
 Acq: 14 Jun 2018 10:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		160051		
235	63.7		44.8	84.8	
272	12.6		0.0	33.3	



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





#41

2,4,6-Tribromophenol

Concen: 130.020 ng

RT: 10.81 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF106432.D

Acq: 14 Jun 2018 10:09

Instrument :

BNA_F

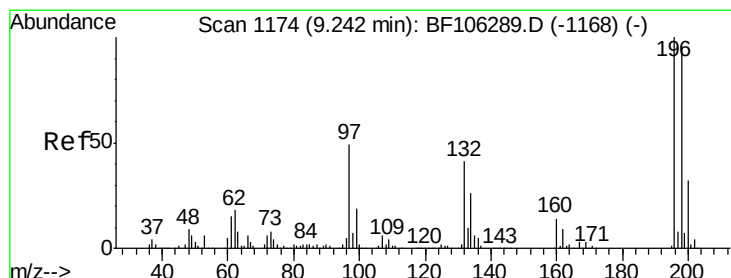
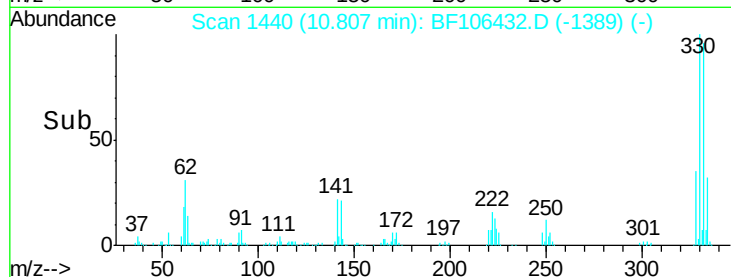
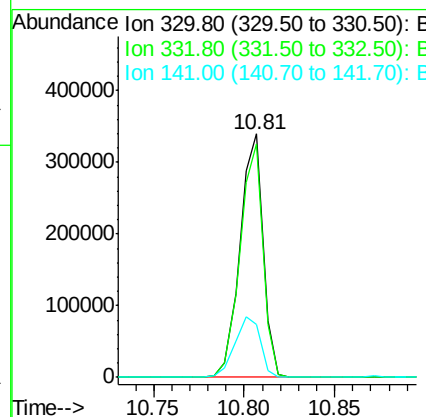
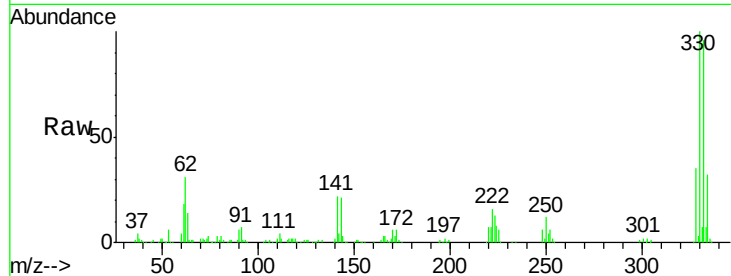
ClientSampleId :

PB110241BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	301276		
332	96.0	77.0	115.6	
141	27.7	29.9	44.9	

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#42

2,4,6-Trichlorophenol

Concen: 40.223 ng

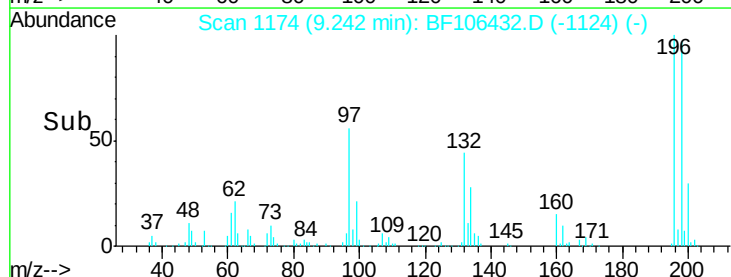
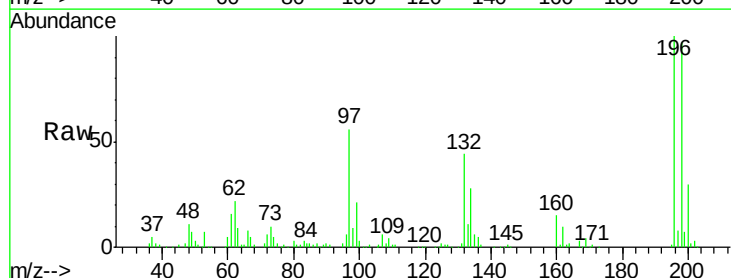
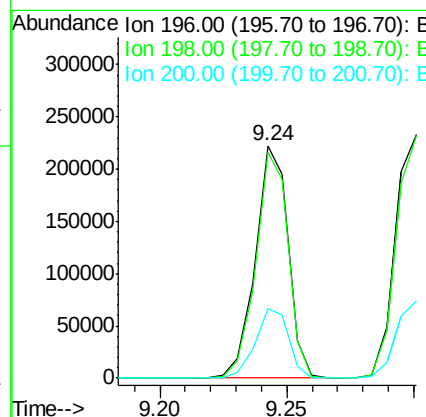
RT: 9.24 min Scan# 1174

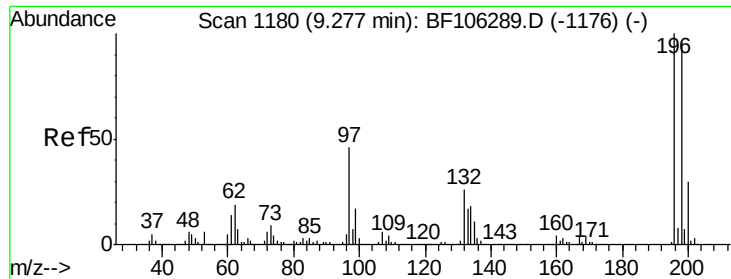
Delta R.T. -0.01 min

Lab File: BF106432.D

Acq: 14 Jun 2018 10:09

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	200398		
198	97.0	75.7	113.5	
200	29.8	24.5	36.7	





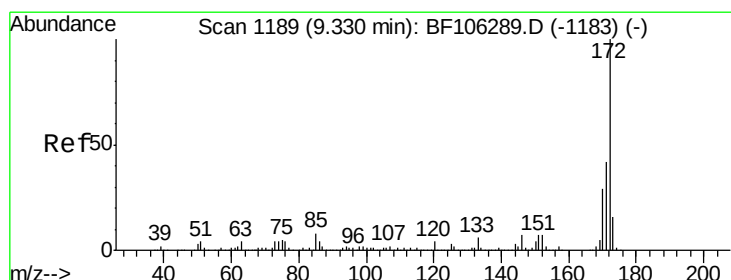
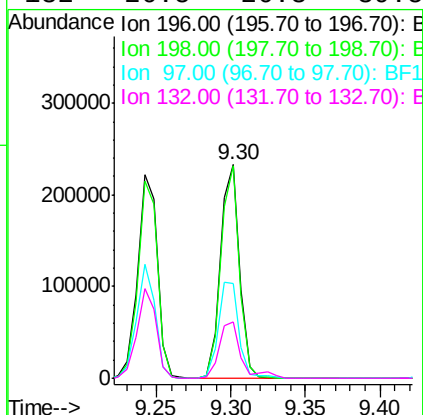
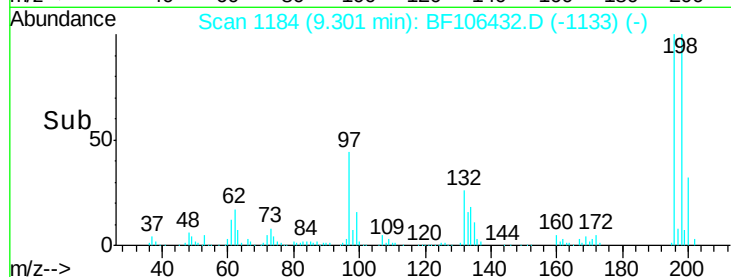
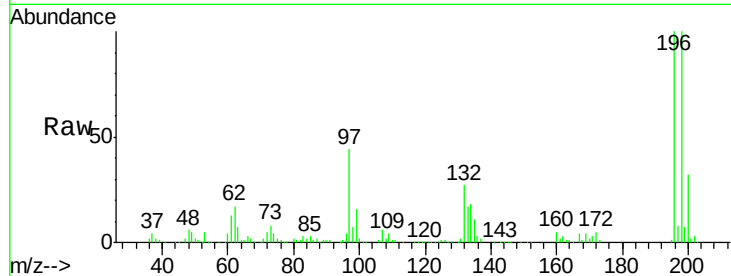
#43
 2,4,5-Trichlorophenol
 Concen: 39.247 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF106432.D
 Acq: 14 Jun 2018 10:09

Instrument :
 BNA_F
 ClientSampleId :
 PB110241BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	210795		
198	99.7	74.6	112.0	
97	44.1	42.9	64.3	
132	26.5	26.3	39.5	

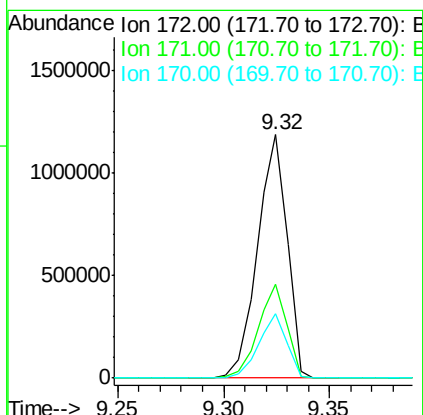
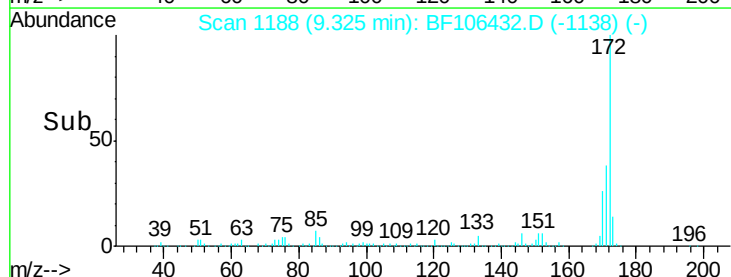
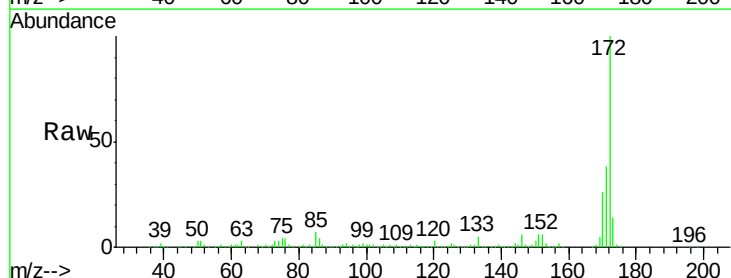
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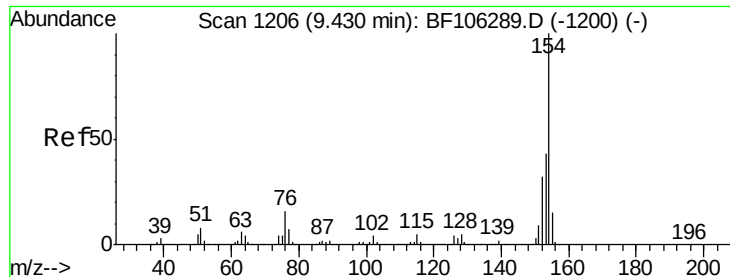
Sohil
 6/14/2018 2:48:24 PM



#44
 2-Fluorobiphenyl
 Concen: 85.025 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF106432.D
 Acq: 14 Jun 2018 10:09

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1152904		
171	38.4	29.7	44.5	
170	26.3	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 36.778 ng

RT: 9.42 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF106432.D

Acq: 14 Jun 2018 10:09

Instrument :

BNA_F

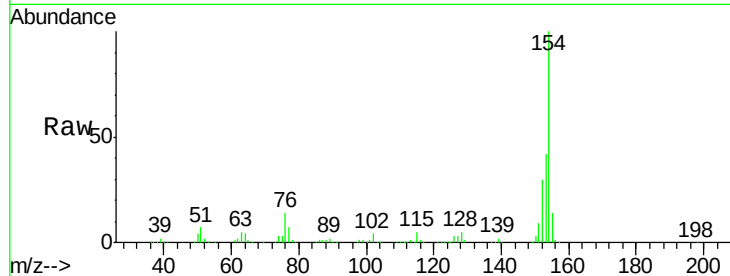
ClientSampled :

PB110241BS

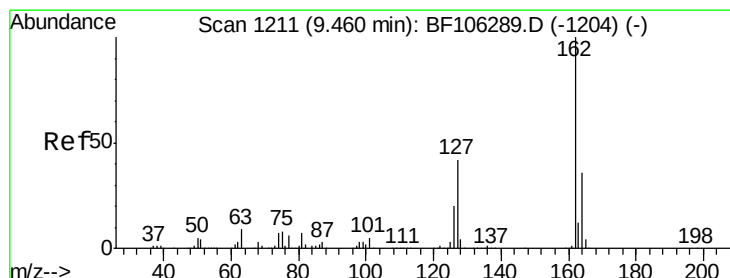
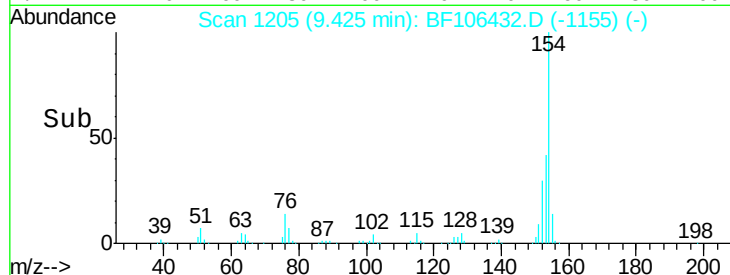
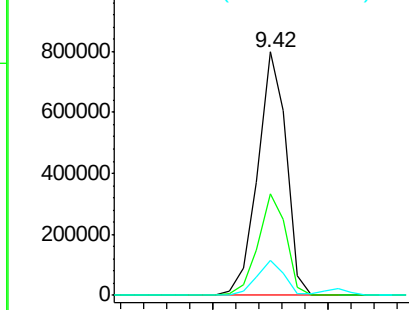
Tot Ion:	154	Resp:	686021
Ion Ratio	Lower	Upper	
154	100		
153	41.7	21.3	61.3
76	14.3	0.0	34.0

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



#46

2-Chloronaphthalene

Concen: 36.862 ng

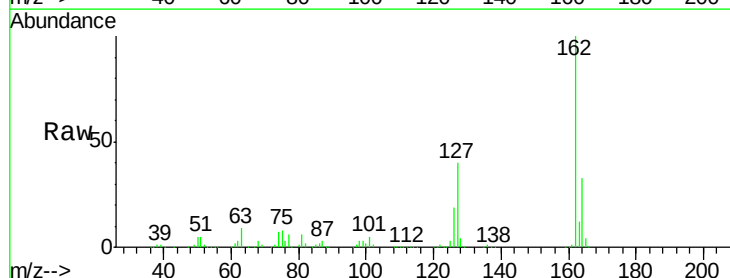
RT: 9.45 min Scan# 1210

Delta R.T. -0.01 min

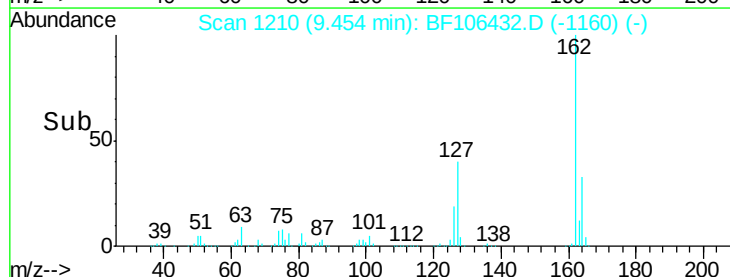
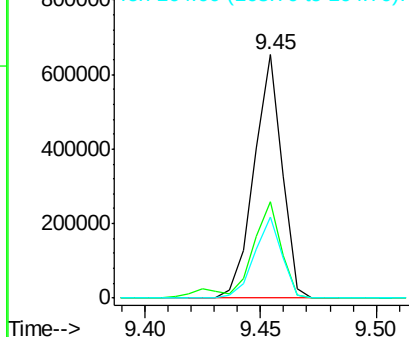
Lab File: BF106432.D

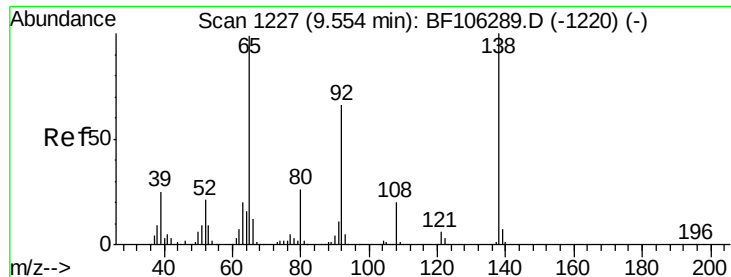
Acq: 14 Jun 2018 10:09

Tgt Ion:	162	Resp:	550254
Ion Ratio	Lower	Upper	
162	100		
127	39.7	33.9	50.9
164	33.5	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





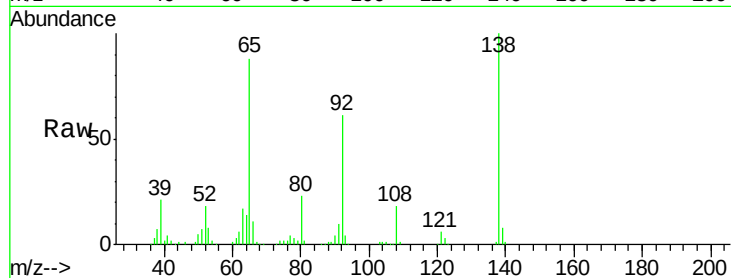
#47
2-Nitroaniline
Concen: 40.692 ng
RT: 9.55 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Instrument :
BNA_F
ClientSampleId :
PB110241BS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	191086		
92	69.9	55.8	83.6	
138	113.9	91.2	136.8	

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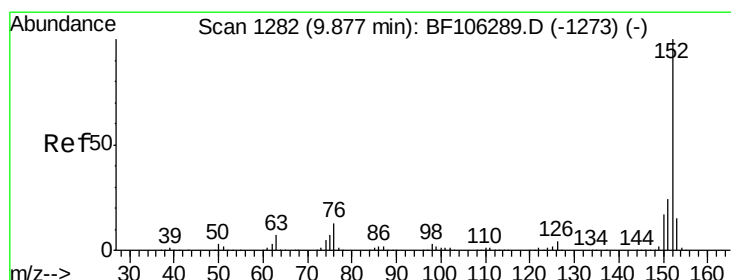
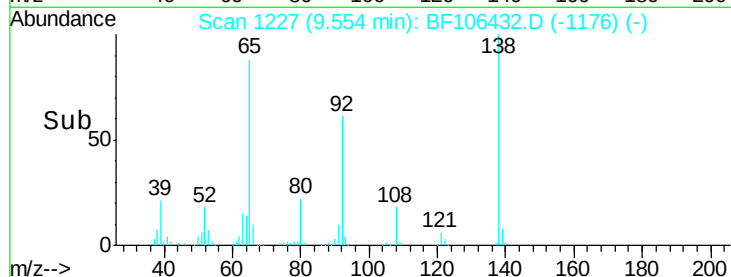
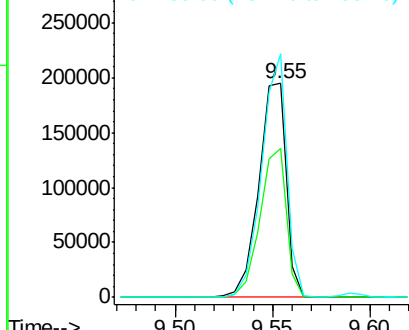


Abundance

Ion 65.00 (64.70 to 65.70): BF1

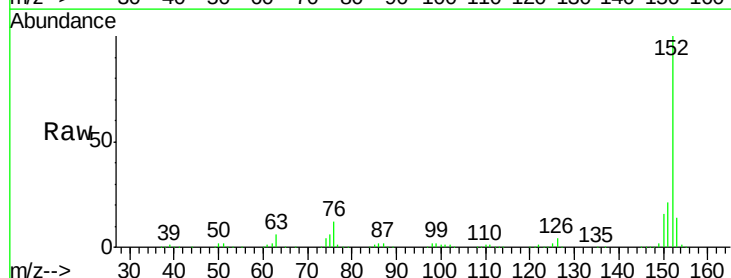
Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48
Acenaphthylene
Concen: 38.223 ng
RT: 9.87 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	873322		
151	21.1	16.3	24.5	
153	14.1	10.7	16.1	

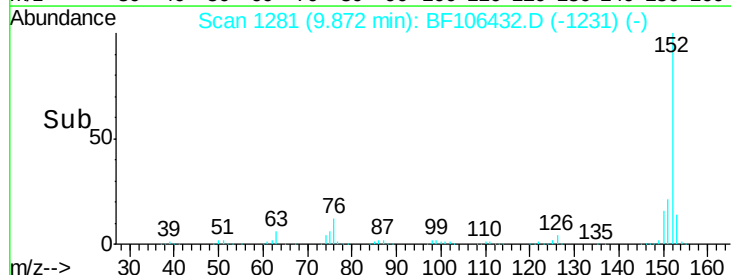
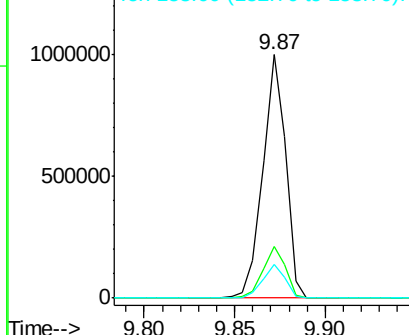


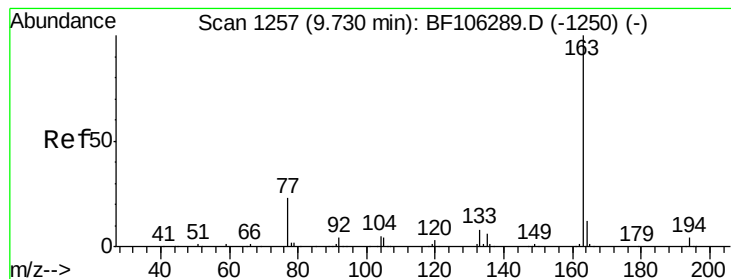
Abundance

Ion 152.00 (151.70 to 152.70): BF1

Ion 151.00 (150.70 to 151.70): BF1

Ion 153.00 (152.70 to 153.70): BF1





#49

Dimethylphthalate

Concen: 37.610 ng

RT: 9.72 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF106432.D

Acq: 14 Jun 2018 10:09

Instrument :

BNA_F

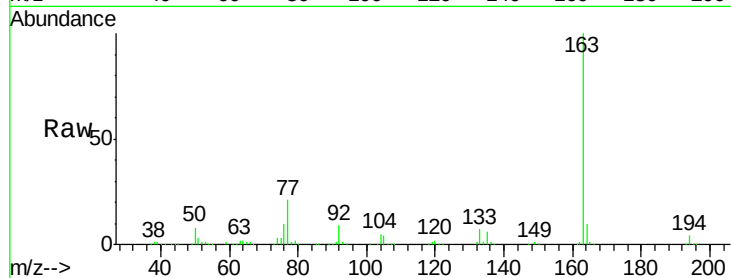
ClientSampleId :

PB110241BS

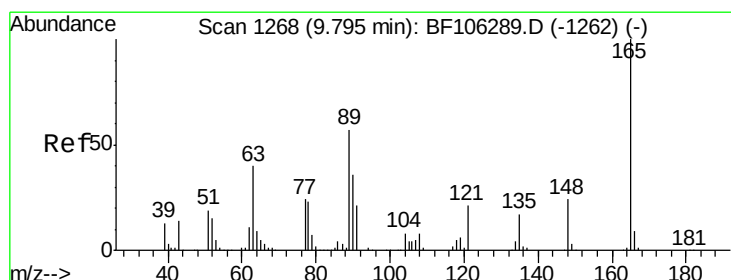
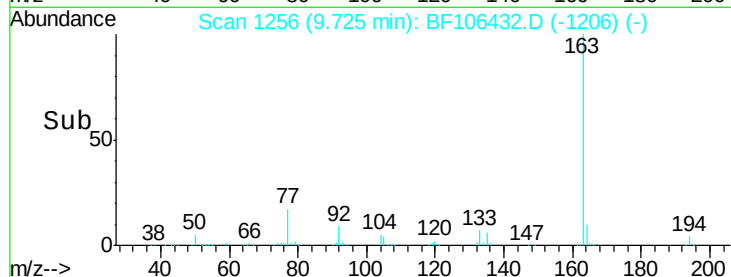
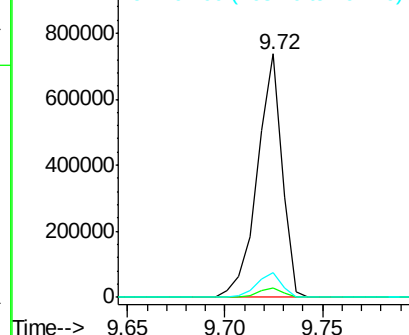
Tot Ion:	163	Resp:	647107
Ion Ratio	Lower	Upper	
163	100		
194	4.0	2.7	4.1
164	10.3	8.2	12.2

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



#50

2,6-Dinitrotoluene

Concen: 40.678 ng

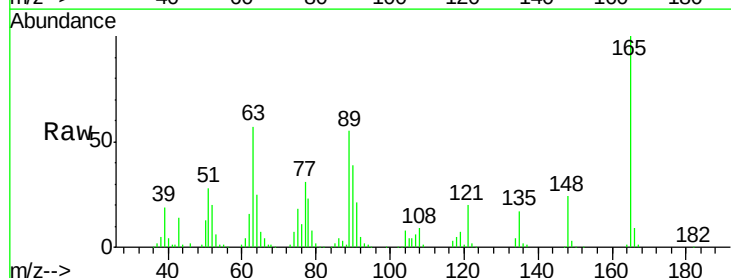
RT: 9.79 min Scan# 1267

Delta R.T. -0.01 min

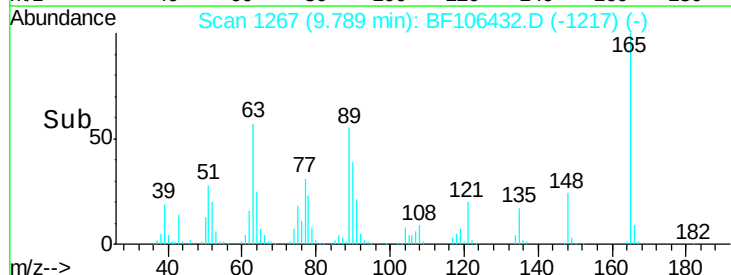
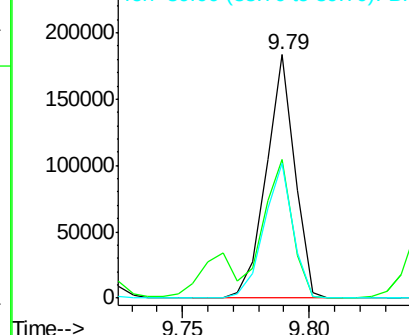
Lab File: BF106432.D

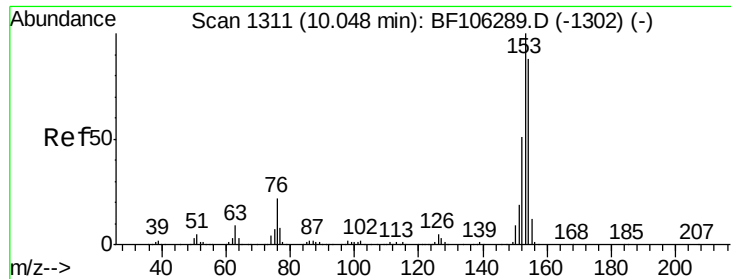
Acq: 14 Jun 2018 10:09

Tgt Ion:	165	Resp:	142964
Ion Ratio	Lower	Upper	
165	100		
63	57.2	44.7	67.1
89	55.4	44.0	66.0



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





#51

Acenaphthene

Concen: 36.720 ng

RT: 10.04 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF106432.D

Acq: 14 Jun 2018 10:09

Instrument :

BNA_F

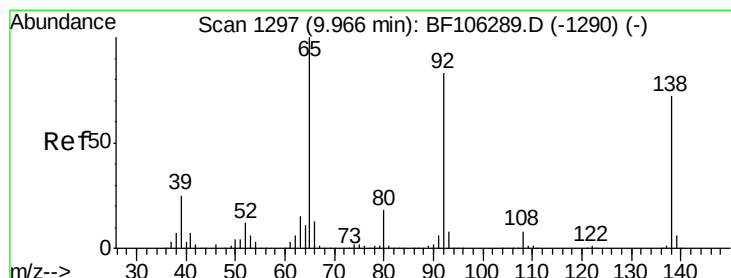
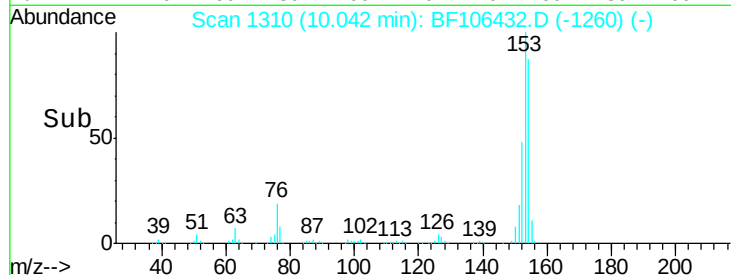
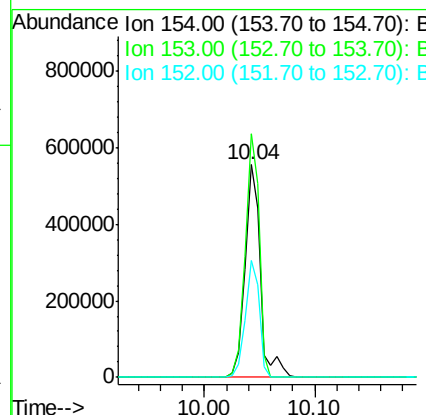
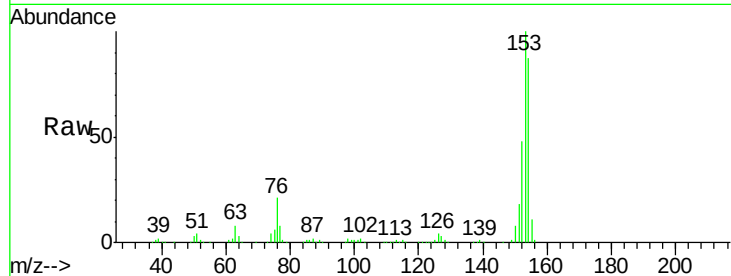
ClientSampleId :

PB110241BS

Tot Ion:	154	Resp:	541830
Ion Ratio	Lower	Upper	
154	100		
153	114.4	91.2	136.8
152	54.9	43.8	65.8

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#52

3-Nitroaniline

Concen: 24.013 ng

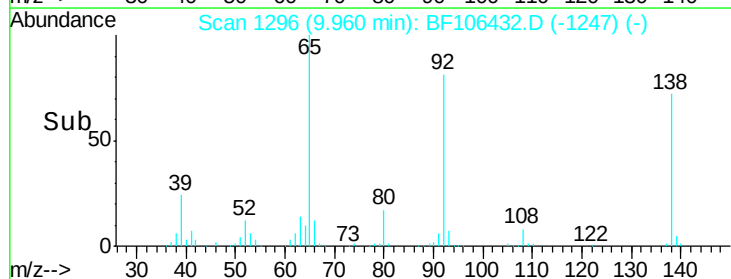
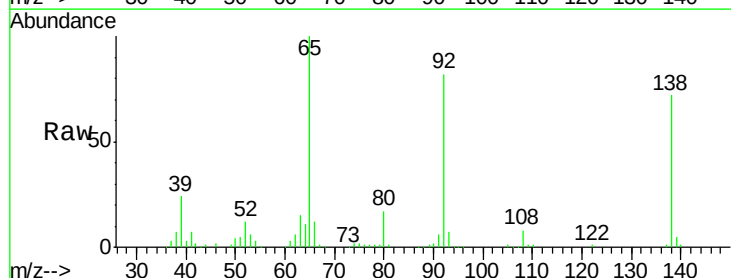
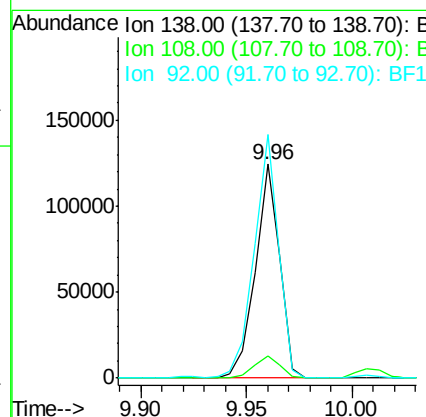
RT: 9.96 min Scan# 1296

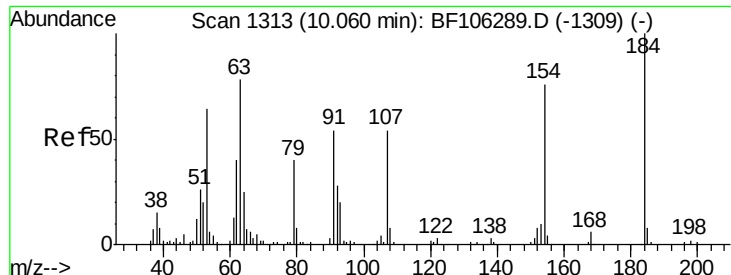
Delta R.T. -0.01 min

Lab File: BF106432.D

Acq: 14 Jun 2018 10:09

Tgt Ion:	138	Resp:	100167
Ion Ratio	Lower	Upper	
138	100		
108	10.5	9.4	14.0
92	113.8	89.4	134.2





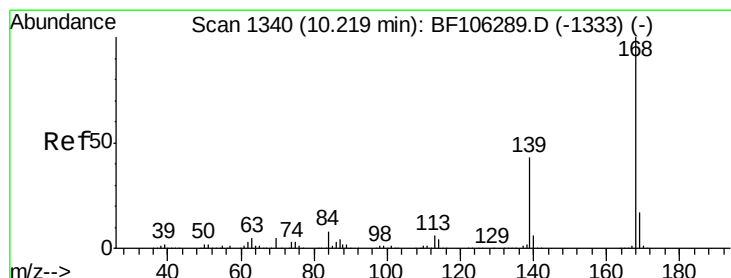
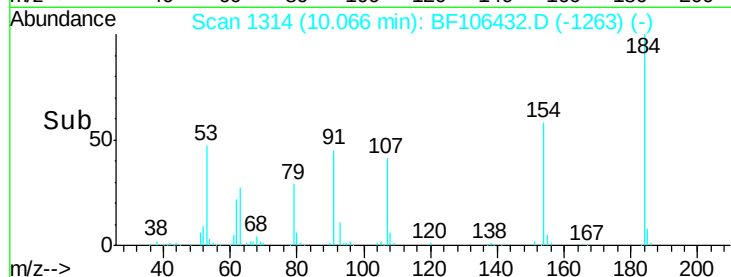
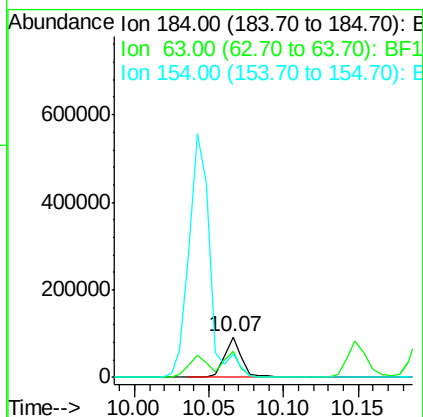
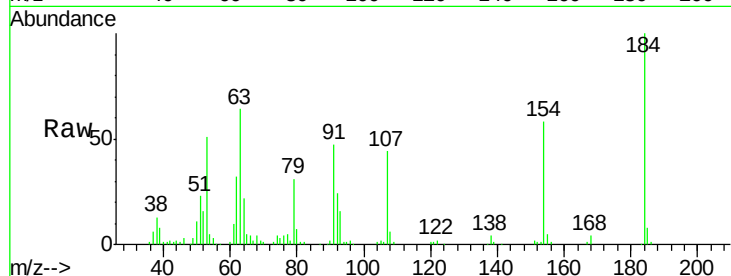
#53
2,4-Dinitrophenol
Concen: 51.037 ng
RT: 10.07 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Instrument :
BNA_F
ClientSampleId :
PB110241BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	64.0	54.2	81.2
154	58.2	184.0	276.0#

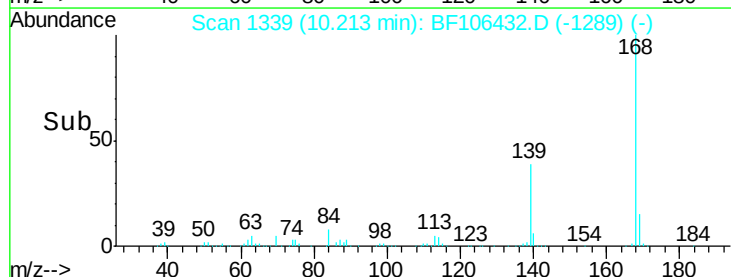
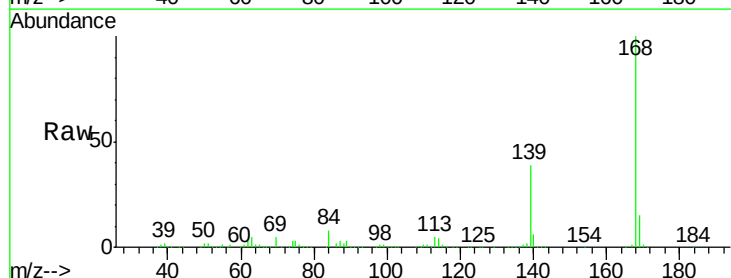
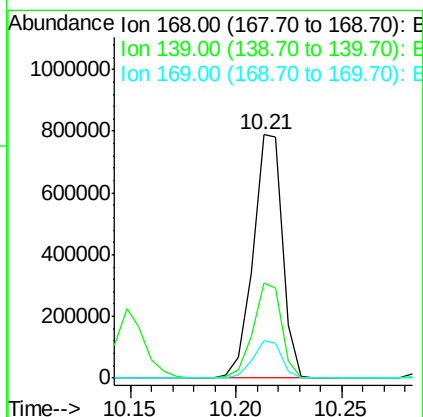
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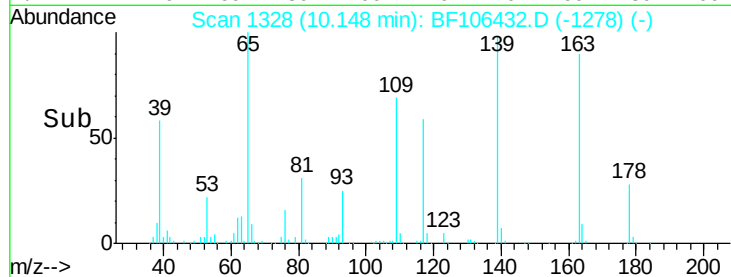
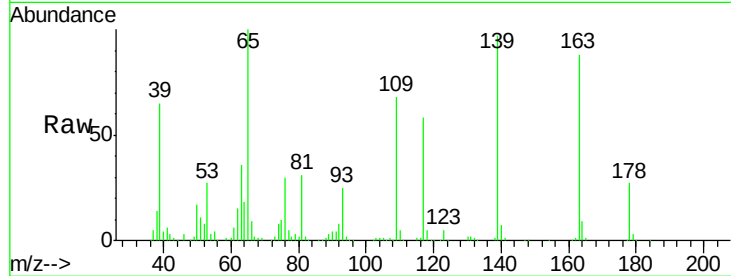
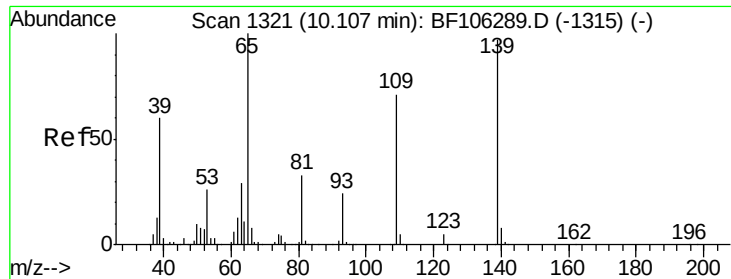
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#54
Dibenzofuran
Concen: 38.411 ng
RT: 10.21 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.2	30.1	45.1
169	15.2	10.9	16.3





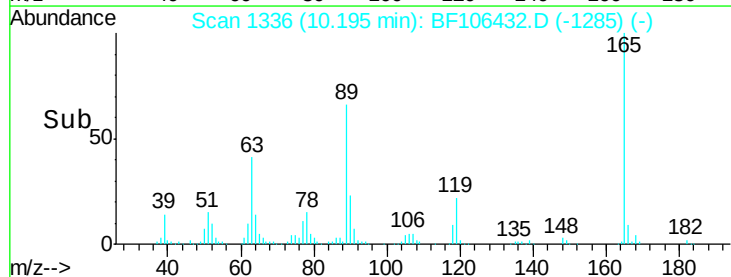
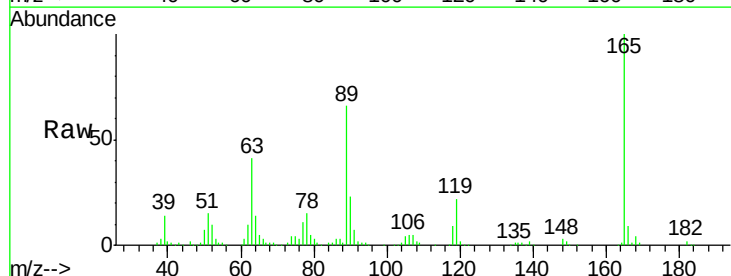
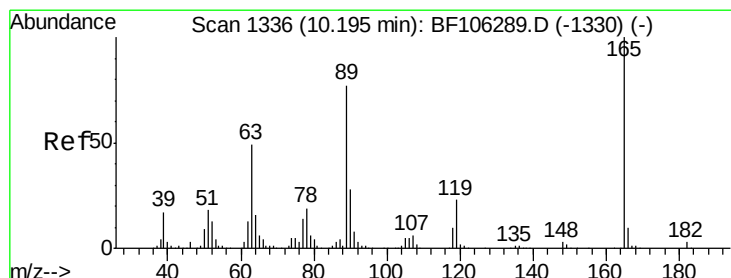
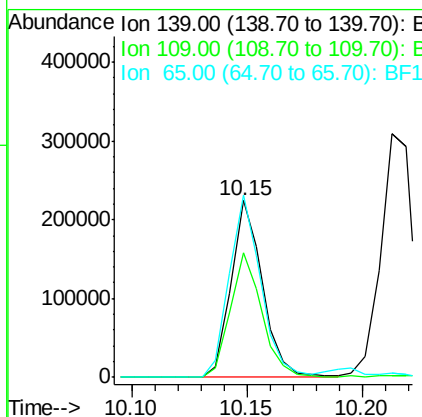
#55
4-Nitrophenol
Concen: 66.545 ng
RT: 10.15 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Instrument :
BNA_F
ClientSampled :
PB110241BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	212764		
109	70.3	48.4	88.4	
65	103.1	72.6	112.6	

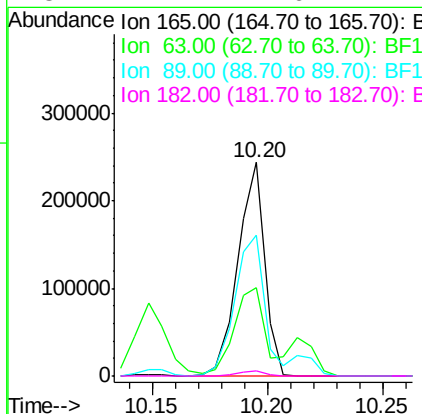
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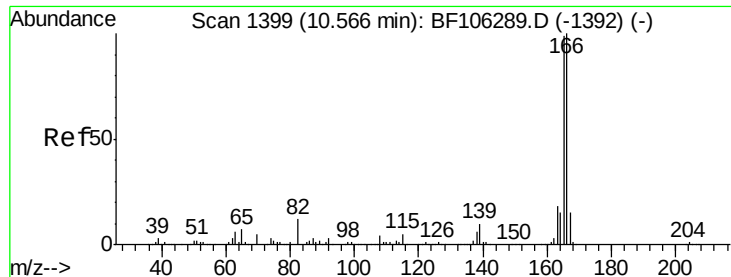
Sohil
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#56
2,4-Dinitrotoluene
Concen: 44.716 ng
RT: 10.20 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	197352		
63	41.2	36.4	54.6	
89	65.7	57.8	86.6	
182	2.2	1.6	2.4	





#57

Fluorene

Concen: 37.329 ng

RT: 10.56 min Scan# 1398

Delta R.T. 0.00 min

Lab File: BF106432.D

Acq: 14 Jun 2018 10:09

Instrument :

BNA_F

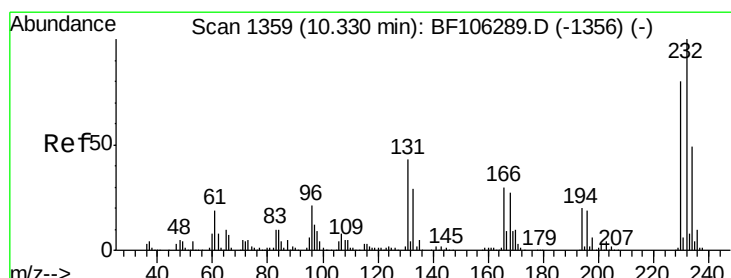
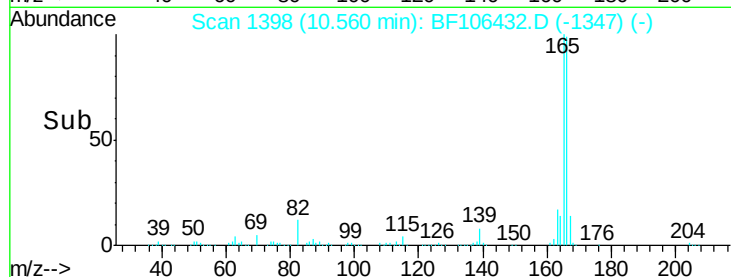
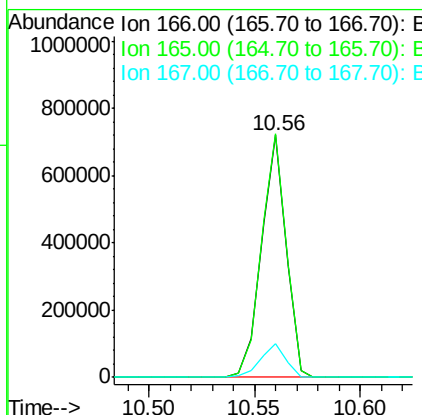
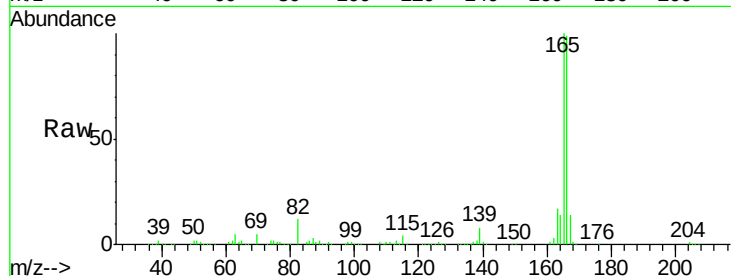
ClientSampleId :

PB110241BS

Tot Ion:	166	Resp:	587663
Ion Ratio		Lower	Upper
166	100		
165	100.7	79.8	119.8
167	13.9	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 41.387 ng

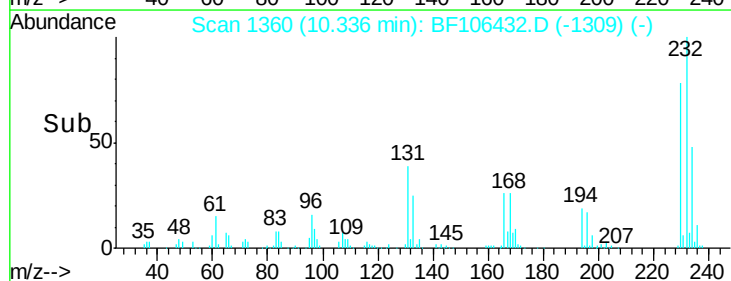
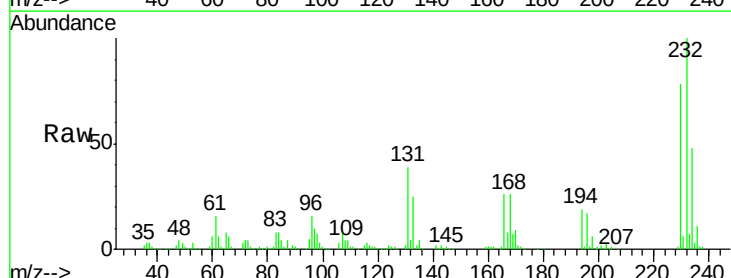
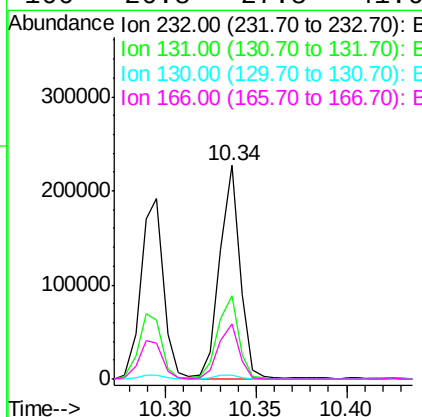
RT: 10.34 min Scan# 1360

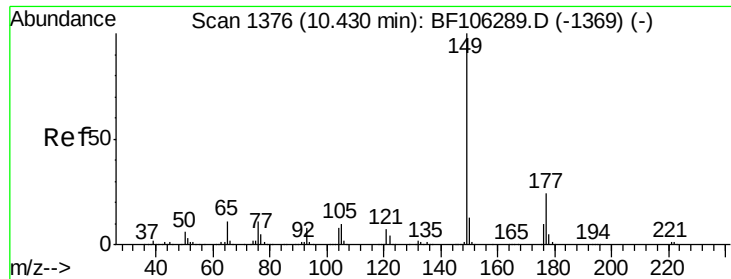
Delta R.T. 0.00 min

Lab File: BF106432.D

Acq: 14 Jun 2018 10:09

Tgt Ion:	232	Resp:	176182
Ion Ratio		Lower	Upper
232	100		
131	40.2	43.8	65.8#
130	1.9	2.1	3.1#
166	26.8	27.8	41.6#





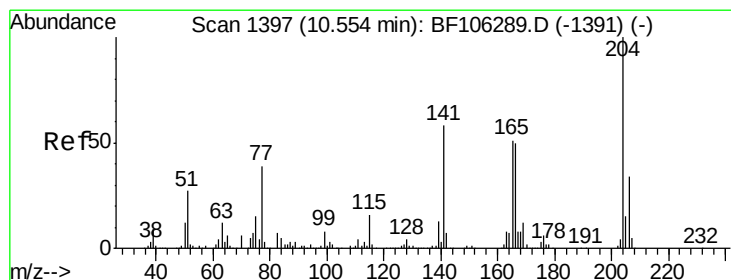
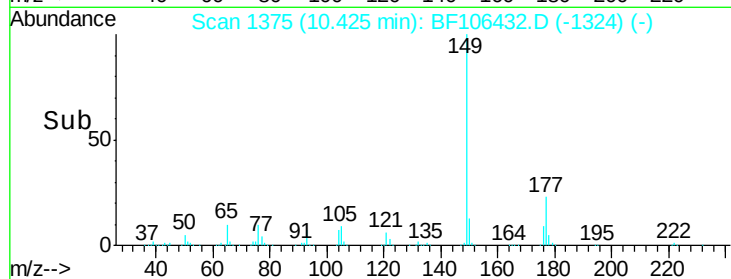
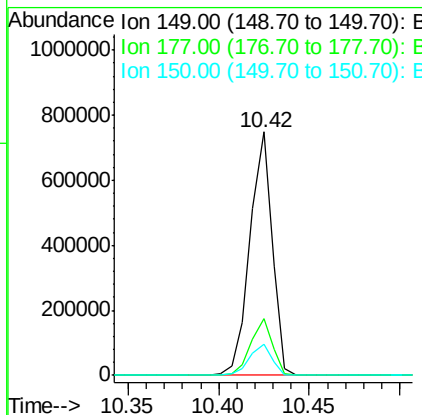
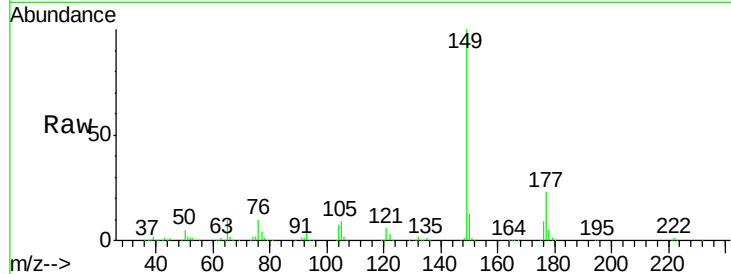
#59
Diethylphthalate
Concen: 37.572 ng
RT: 10.42 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Instrument :
BNA_F
ClientSampled :
PB110241BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.2	16.1	24.1
150	12.7	10.1	15.1

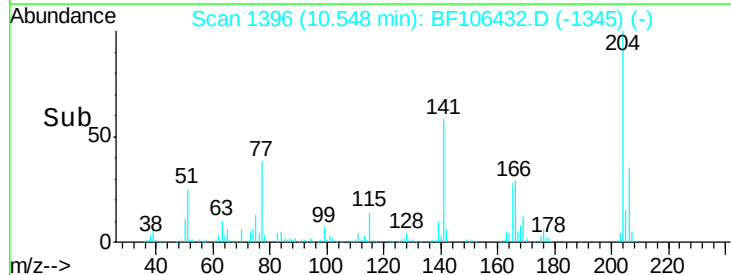
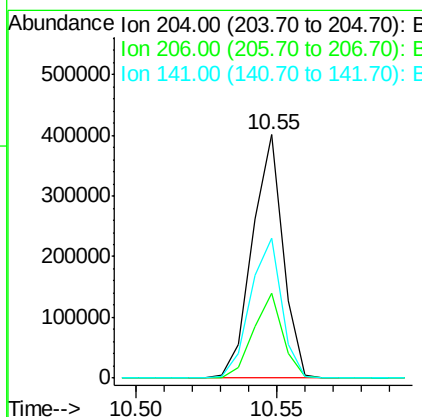
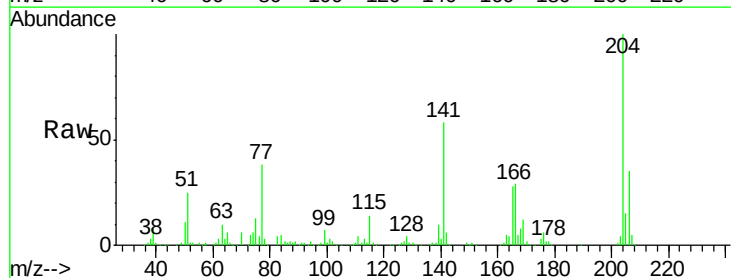
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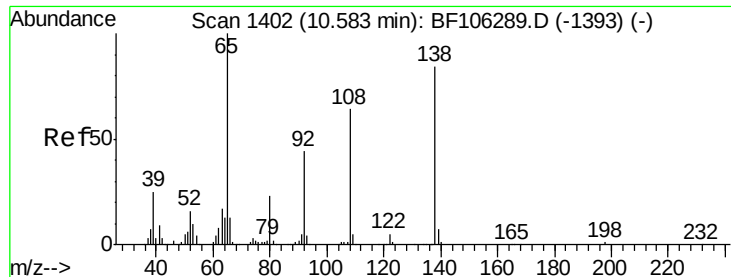
Sohil
6/14/2018 2:48:24 PM



#60
4-Chlorophenyl-phenylether
Concen: 36.493 ng
RT: 10.55 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.8	26.5	39.7
141	57.7	54.6	81.8





#61

4-Nitroaniline

Concen: 34.900 ng

RT: 10.58 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BF106432.D

Acq: 14 Jun 2018 10:09

Instrument :

BNA_F

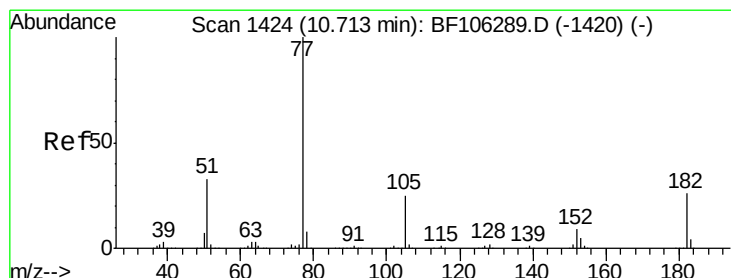
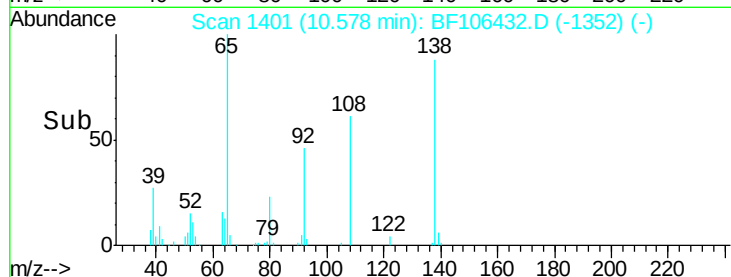
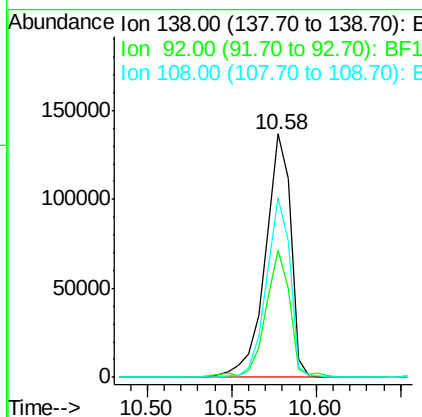
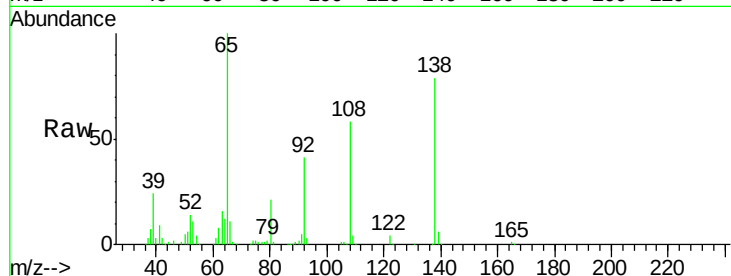
ClientSampleId :

PB110241BS

Tot Ion:	138	Resp:	141639
Ion Ratio	Lower	Upper	
138	100		
92	52.3	30.2	70.2
108	73.8	52.5	92.5

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#62

Azobenzene

Concen: 36.625 ng

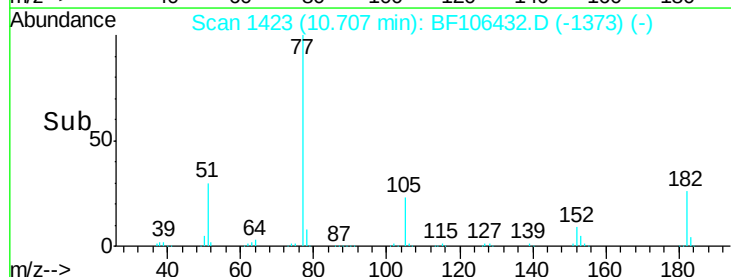
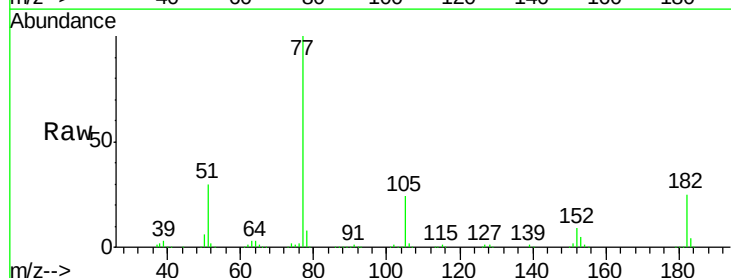
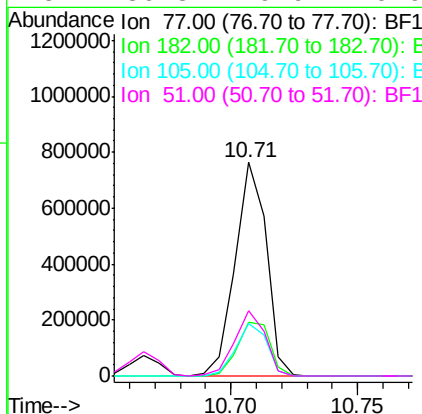
RT: 10.71 min Scan# 1423

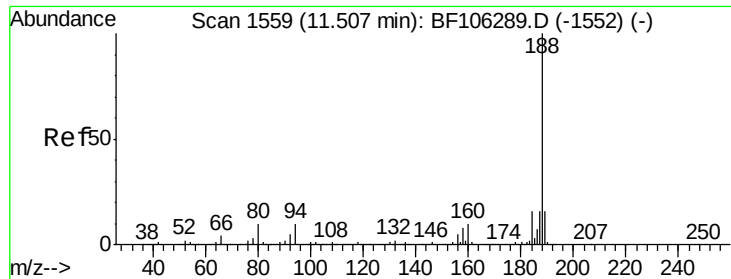
Delta R.T. -0.01 min

Lab File: BF106432.D

Acq: 14 Jun 2018 10:09

Tgt Ion:	77	Resp:	652179
Ion Ratio	Lower	Upper	
77	100		
182	25.5	1.7	41.7
105	24.3	3.0	43.0
51	30.3	9.9	49.9





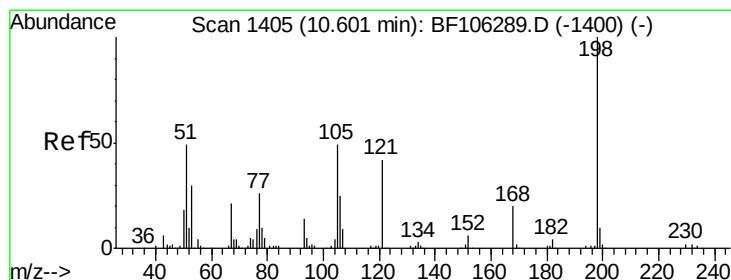
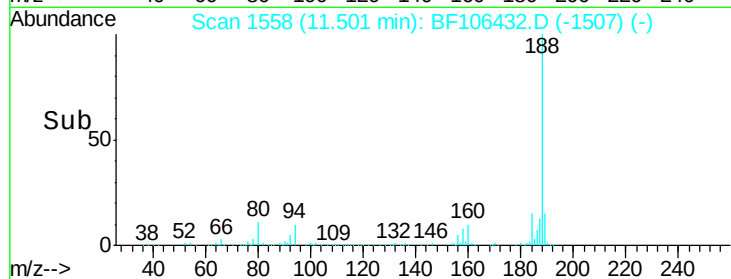
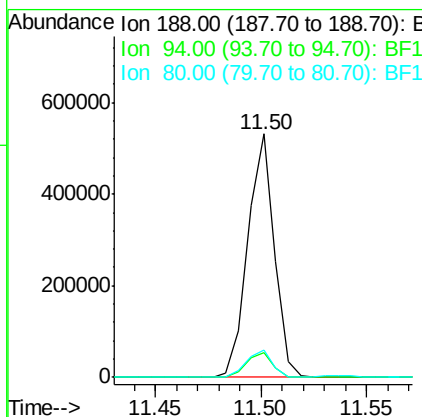
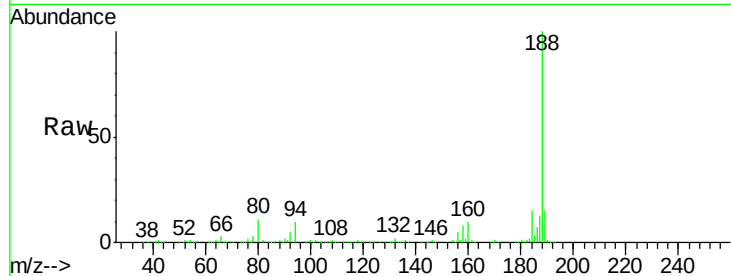
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Instrument :
BNA_F
ClientSampleId :
PB110241BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	461005		
94	10.0		8.5	12.7
80	11.0		9.2	13.8

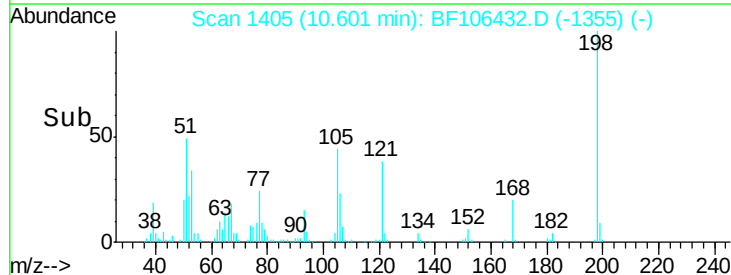
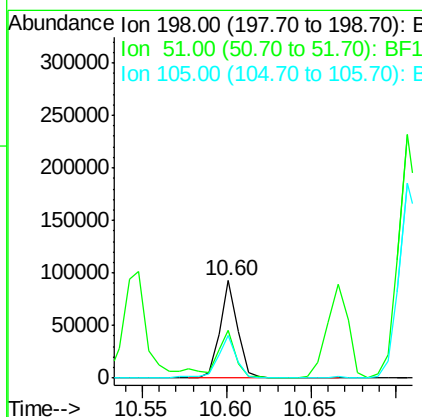
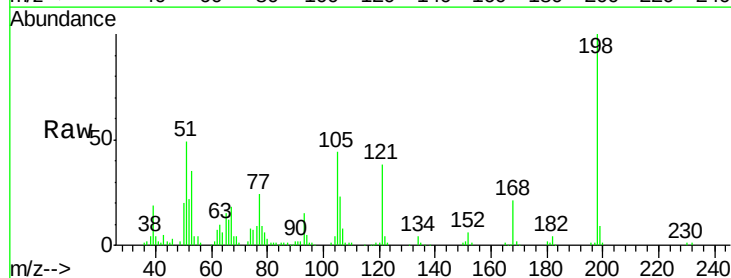
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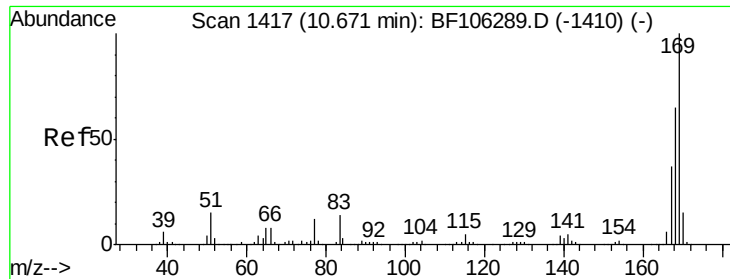
Sohil
6/14/2018 2:48:24 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 30.556 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	69441		
51	49.0		37.7	77.7
105	44.2		36.3	76.3





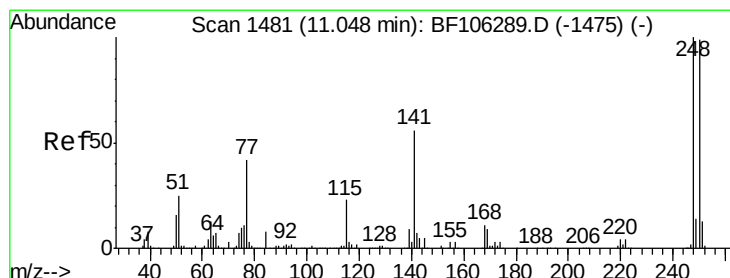
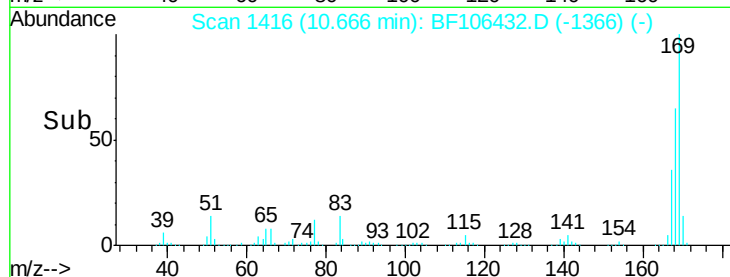
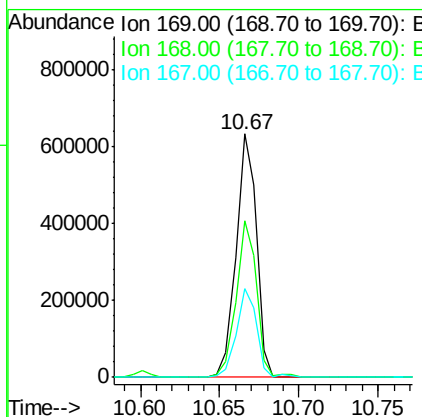
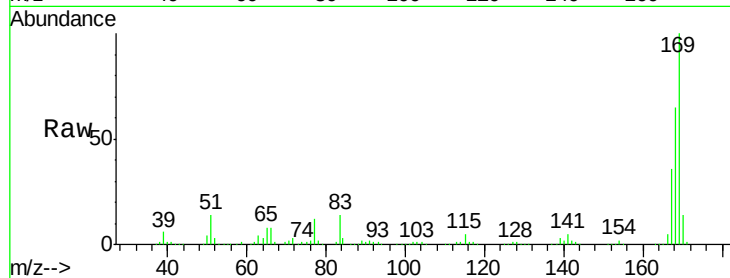
#65
 n-Nitrosodiphenylamine
 Concen: 36.413 ng
 RT: 10.67 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: BF106432.D
 Acq: 14 Jun 2018 10:09

Instrument :
 BNA_F
 ClientSampleId :
 PB110241BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	564171		
168	64.6	54.4	81.6	
167	36.2	29.8	44.6	

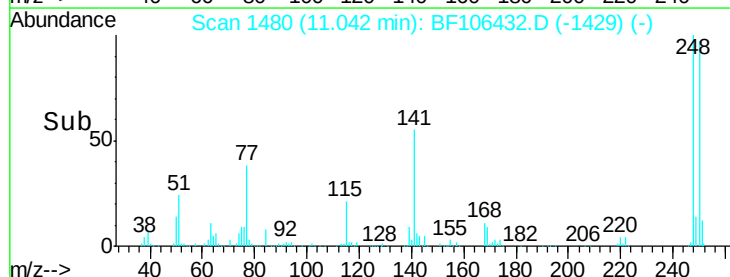
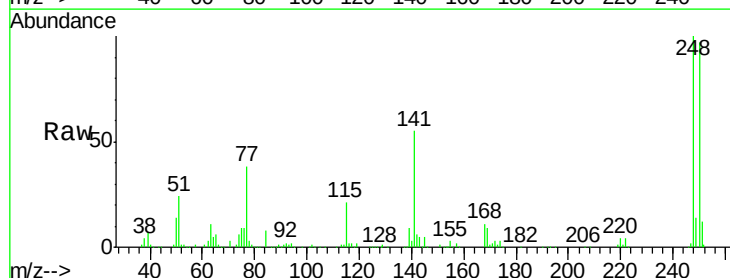
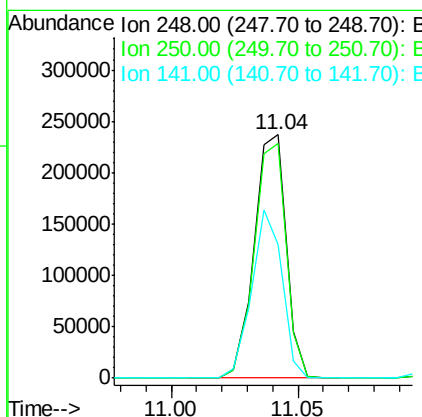
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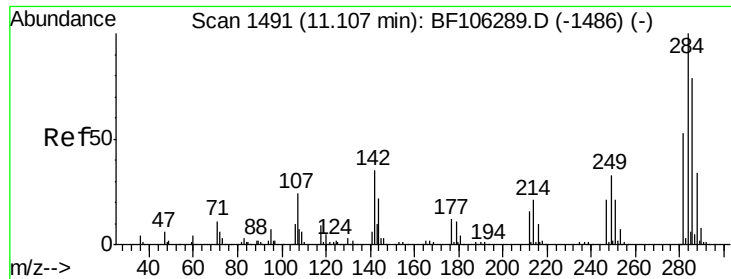
Sohil
 6/14/2018 2:48:24 PM



#66
 4-Bromophenyl-phenylether
 Concen: 39.927 ng
 RT: 11.04 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BF106432.D
 Acq: 14 Jun 2018 10:09

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	209352		
250	96.5	76.9	115.3	
141	54.9	74.4	111.6	





#67

Hexachlorobenzene

Concen: 39.132 ng

RT: 11.11 min Scan# 1491

Delta R.T. 0.00 min

Lab File: BF106432.D

Acq: 14 Jun 2018 10:09

Instrument :

BNA_F

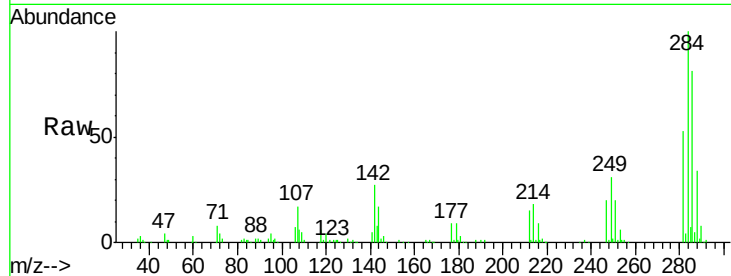
ClientSampleId :

PB110241BS

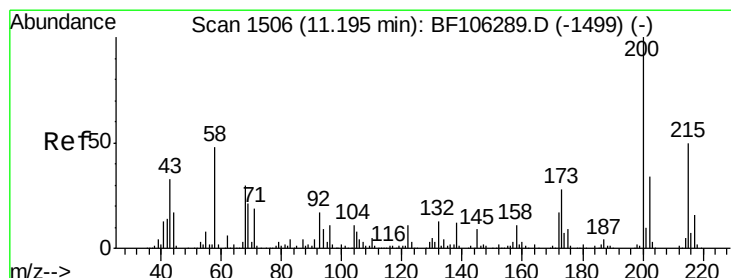
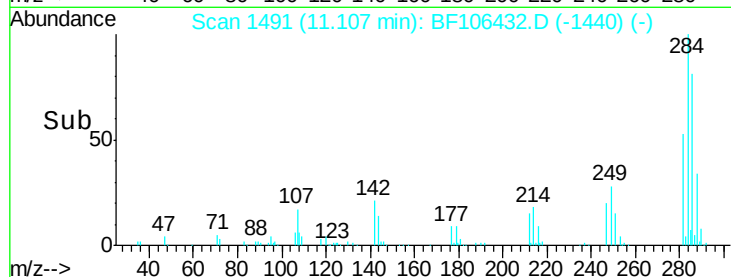
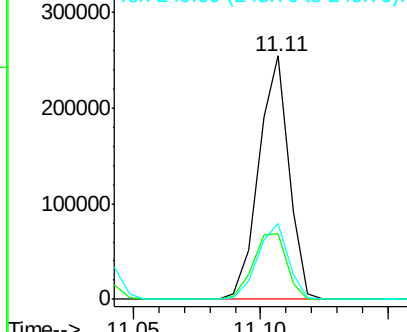
Tot Ion:	284	Resp:	211533
Ion Ratio		Lower	Upper
284	100		
142	27.1	34.6	52.0#
249	31.0	24.8	37.2

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



#68

Atrazine

Concen: 40.629 ng

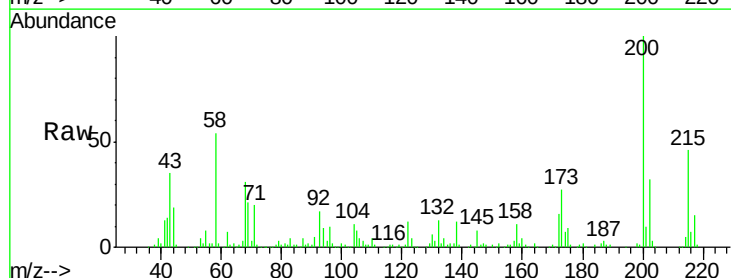
RT: 11.19 min Scan# 1505

Delta R.T. -0.01 min

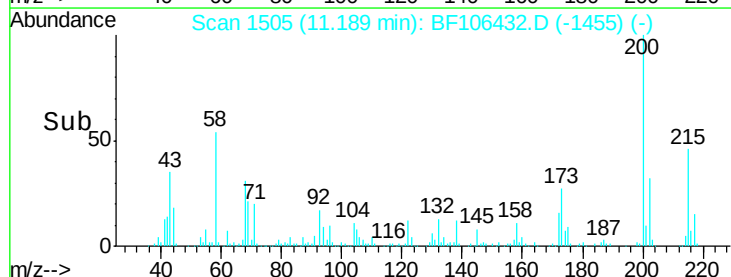
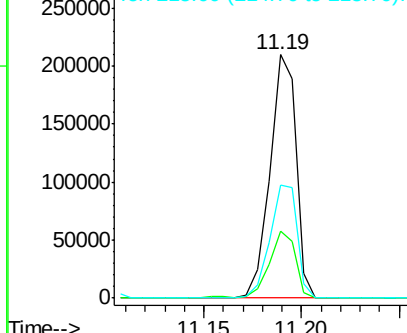
Lab File: BF106432.D

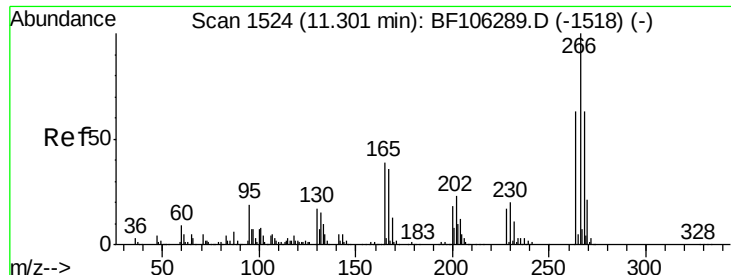
Acq: 14 Jun 2018 10:09

Tgt Ion:	200	Resp:	193993
Ion Ratio		Lower	Upper
200	100		
173	27.3	8.6	48.6
215	46.2	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





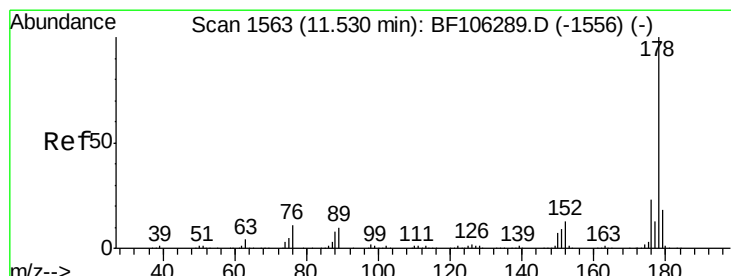
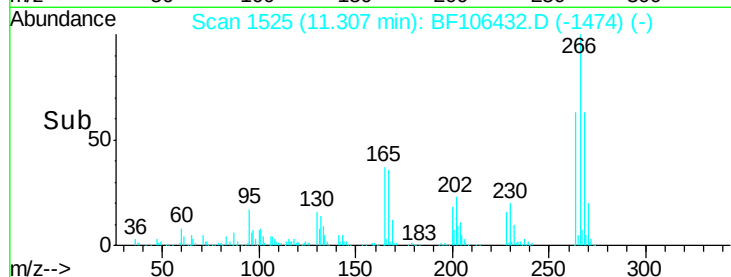
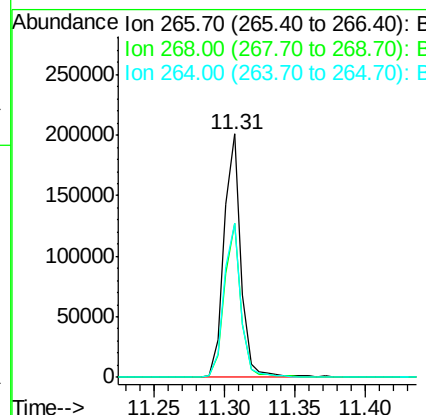
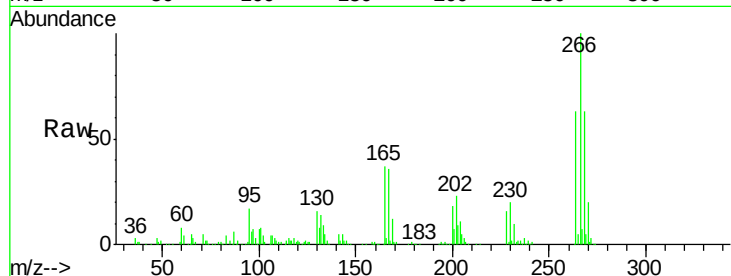
#69
 Pentachlorophenol
 Concen: 50.324 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. 0.00 min
 Lab File: BF106432.D
 Acq: 14 Jun 2018 10:09

Instrument :
 BNA_F
 ClientSampled :
 PB110241BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.4	51.1	76.7
264	63.5	49.5	74.3

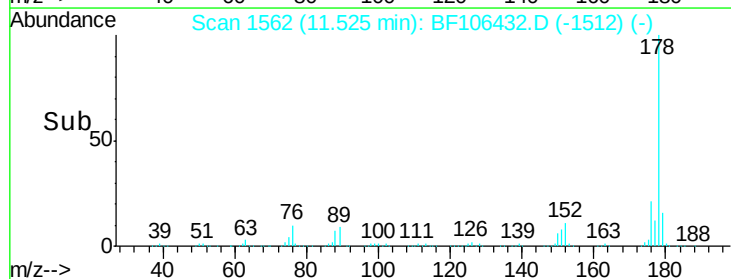
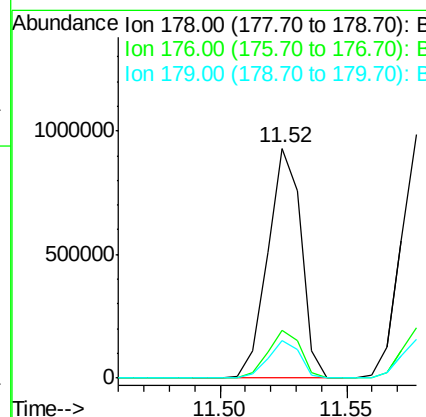
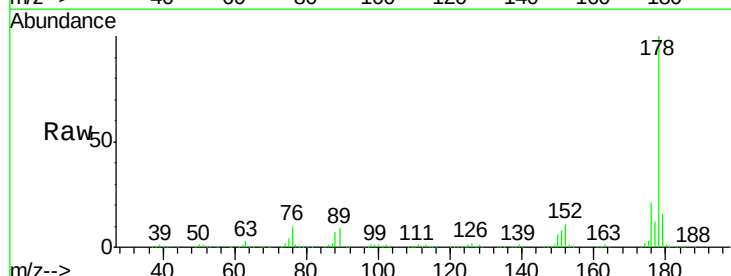
Manual Integrations
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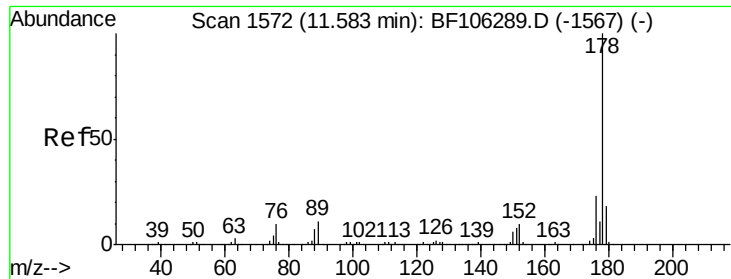
Sohil
 6/14/2018 2:48:24 PM



#70
 Phenanthrene
 Concen: 37.989 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. -0.01 min
 Lab File: BF106432.D
 Acq: 14 Jun 2018 10:09

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.8	23.8
179	16.3	13.0	19.6





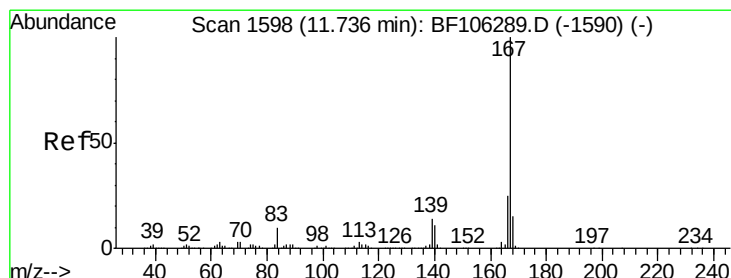
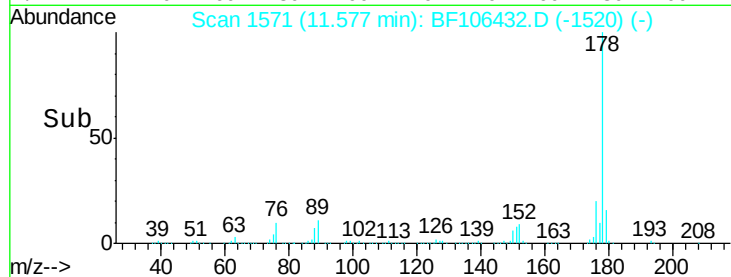
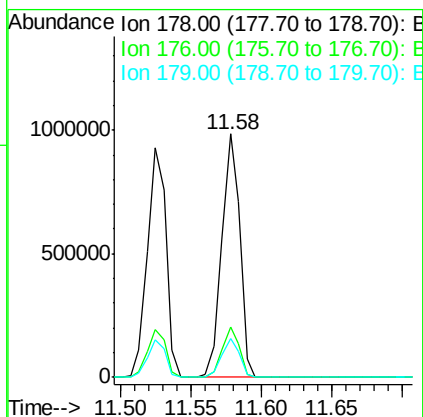
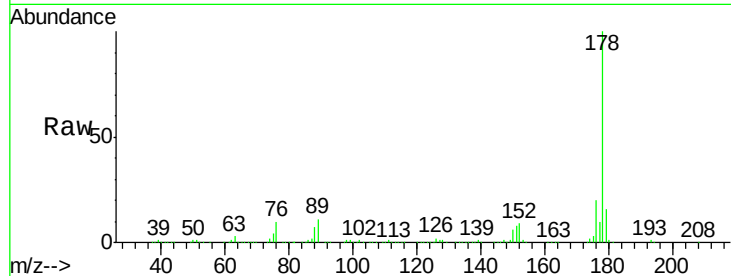
#71
 Anthracene
 Concen: 38.650 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF106432.D
 Acq: 14 Jun 2018 10:09

Instrument :
 BNA_F
 ClientSampleId :
 PB110241BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.4	23.2
179	16.1	12.6	19.0

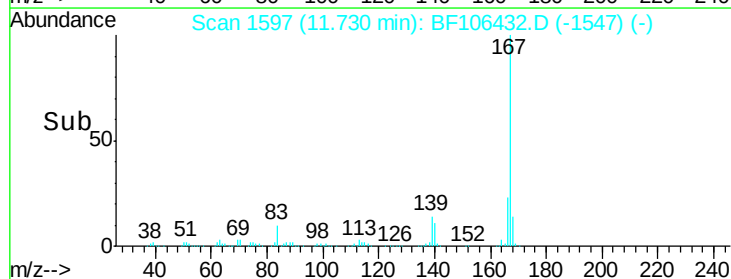
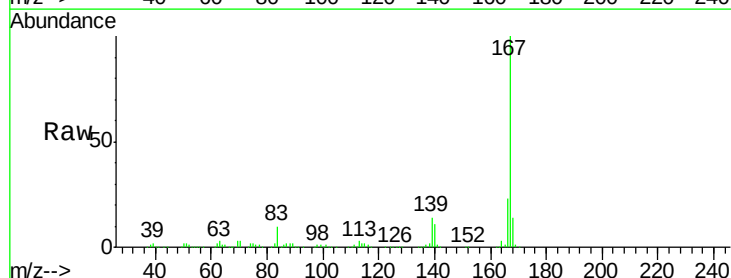
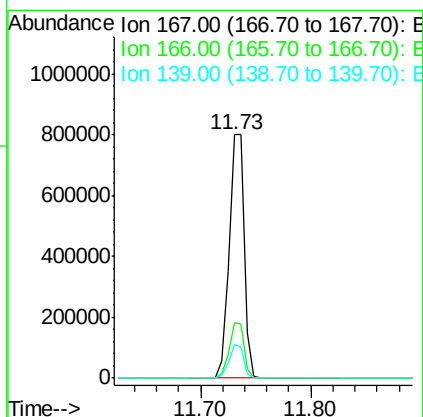
Manual Integrations
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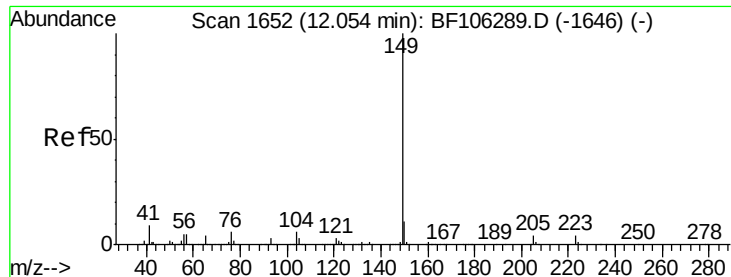
Sohil
 6/14/2018 2:48:24 PM



#72
 Carbazole
 Concen: 36.740 ng
 RT: 11.73 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF106432.D
 Acq: 14 Jun 2018 10:09

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.9	17.6	26.4
139	13.9	10.9	16.3





#73

Di-n-butylphthalate

Concen: 42.441 ng

RT: 12.05 min Scan# 1651

Delta R.T. 0.00 min

Lab File: BF106432.D

Acq: 14 Jun 2018 10:09

Instrument :

BNA_F

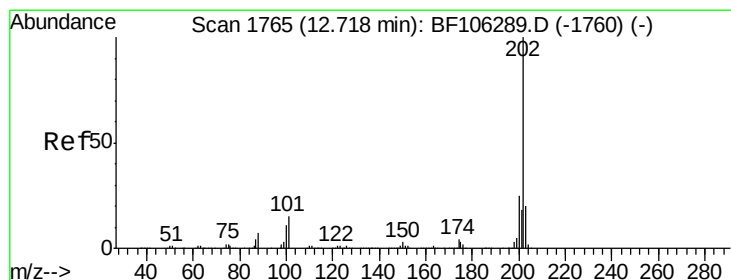
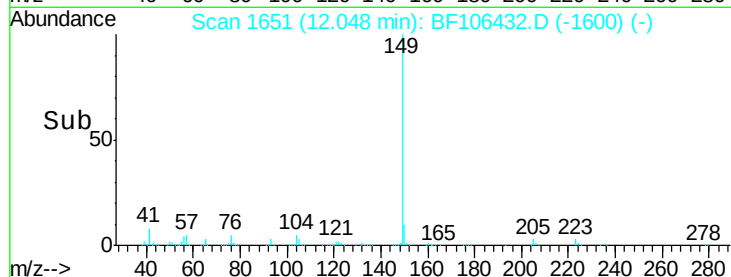
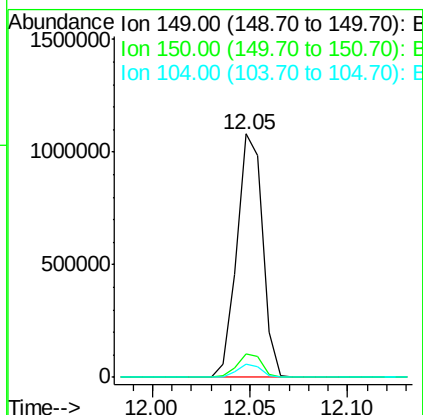
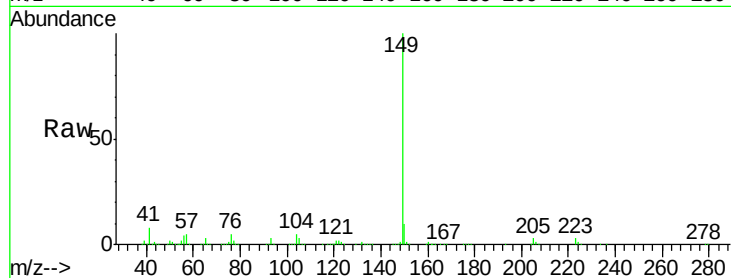
ClientSampleId :

PB110241BS

Tot Ion:	149	Resp:	986338
Ion Ratio		Lower	Upper
149	100		
150	9.8	7.8	11.6
104	5.3	3.8	5.8

Manual Integrations
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6/14/2018 2:48:24 PM



#74

Fluoranthene

Concen: 33.764 ng

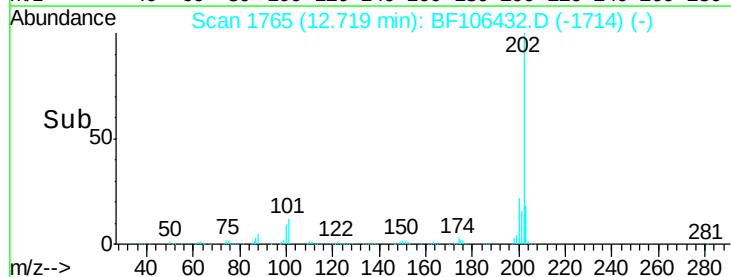
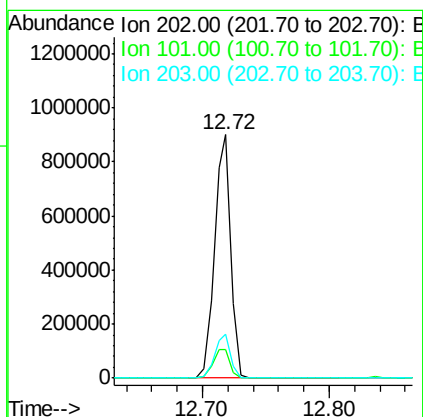
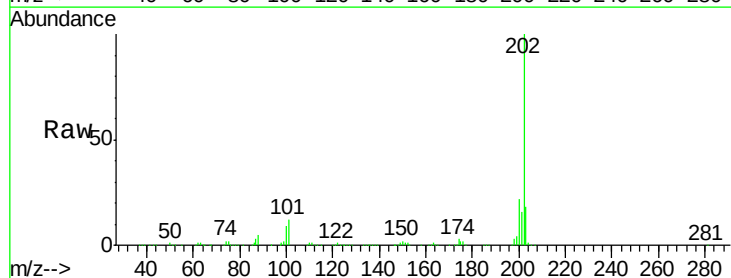
RT: 12.72 min Scan# 1765

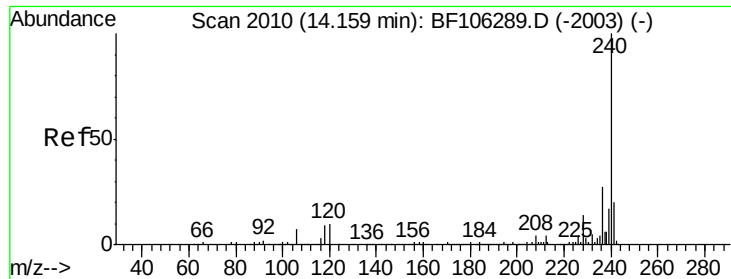
Delta R.T. 0.00 min

Lab File: BF106432.D

Acq: 14 Jun 2018 10:09

Tgt Ion:	202	Resp:	812937
Ion Ratio		Lower	Upper
202	100		
101	11.7	0.0	34.1
203	18.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BF106432.D

Acq: 14 Jun 2018 10:09

Instrument :

BNA_F

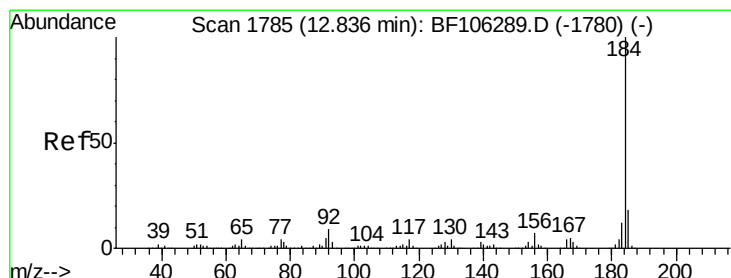
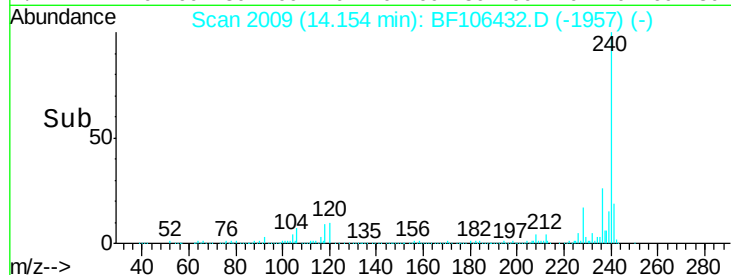
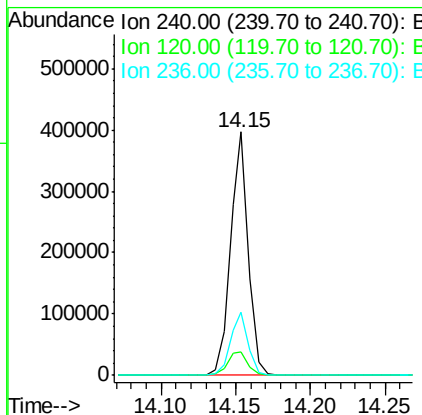
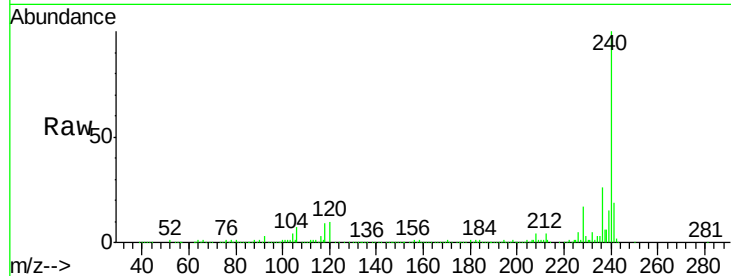
ClientSampled :

PB110241BS

Tot Ion:	240	Resp:	332585
Ion Ratio		Lower	Upper
240	100		
120	9.5	9.5	14.3
236	25.8	20.7	31.1

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#76

Benzidine

Concen: 42.916 ng

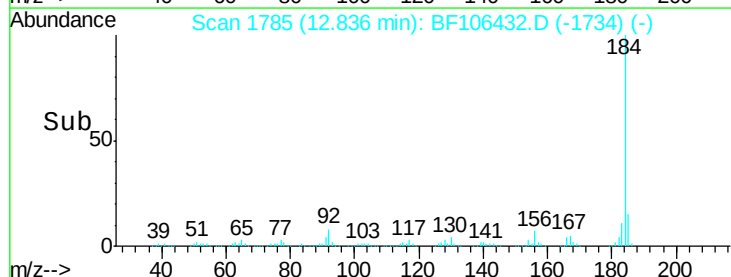
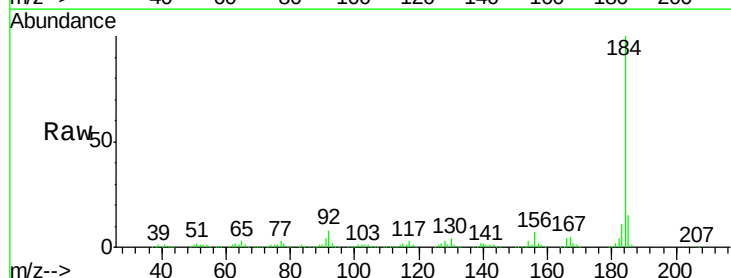
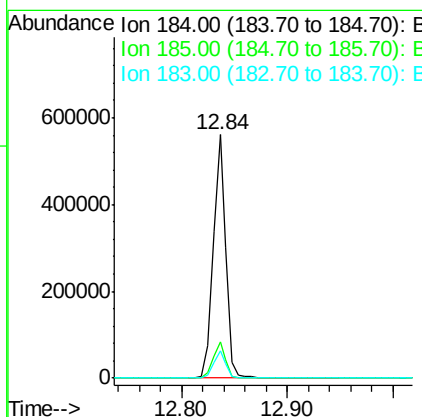
RT: 12.84 min Scan# 1785

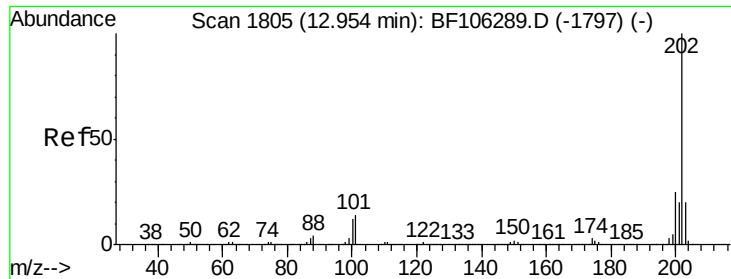
Delta R.T. 0.00 min

Lab File: BF106432.D

Acq: 14 Jun 2018 10:09

Tgt Ion:	184	Resp:	475028
Ion Ratio		Lower	Upper
184	100		
185	14.9	12.6	18.8
183	11.2	9.3	13.9





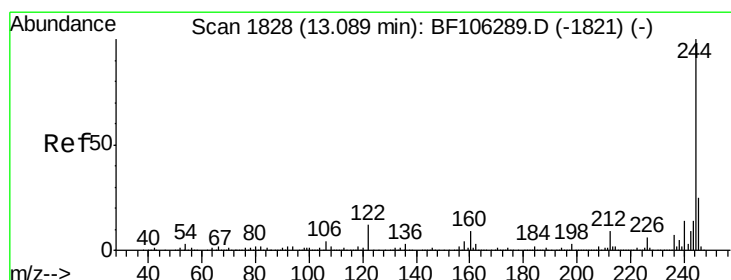
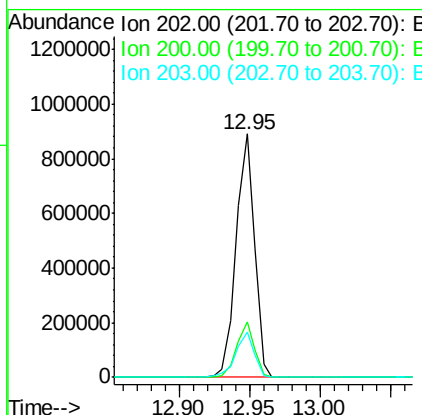
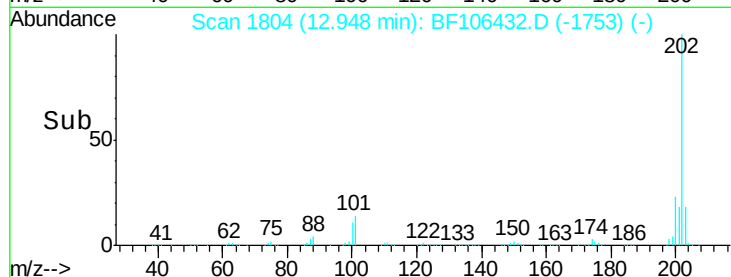
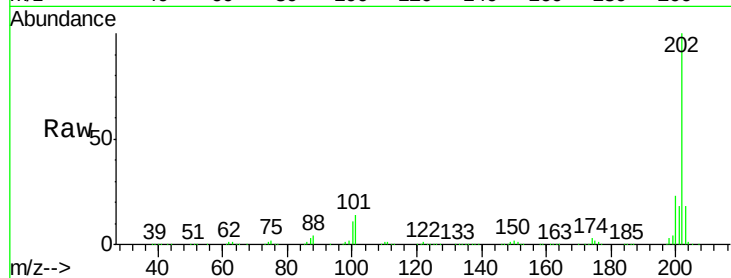
#77
Pvrene
Concen: 38.817 ng
RT: 12.95 min Scan# 1804
Delta R.T. 0.00 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Instrument :
BNA_F
ClientSampleId :
PB110241BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.4	26.2
203	18.5	14.3	21.5

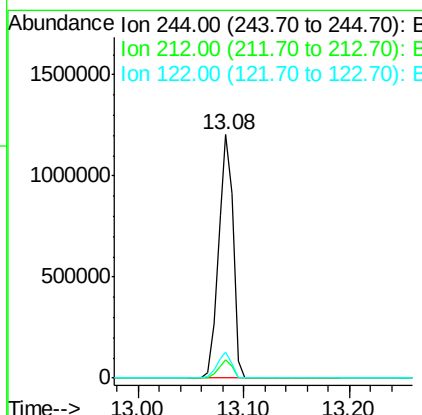
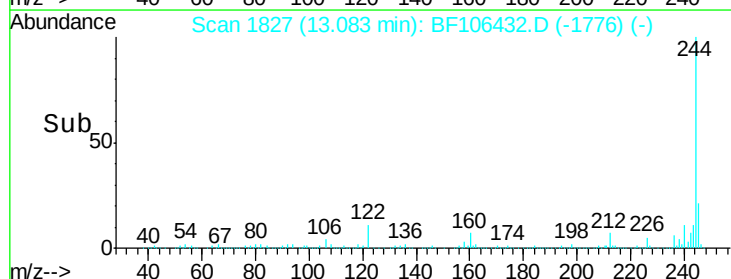
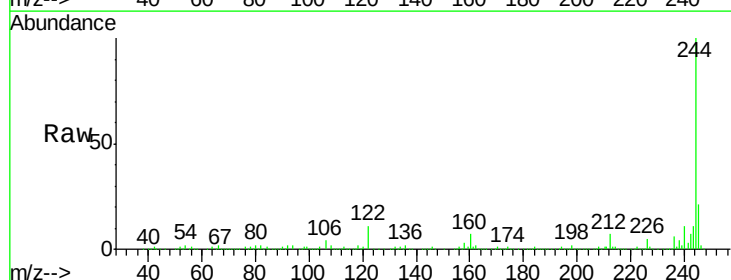
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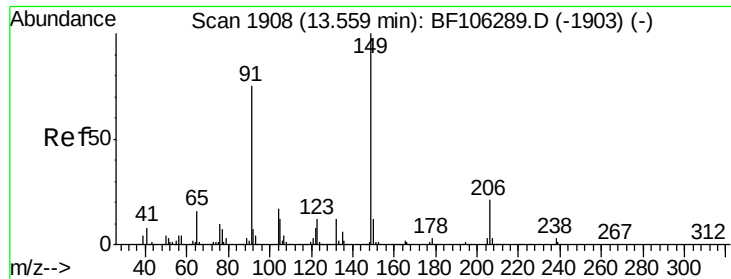
Sohil
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#78
Terphenyl-d14
Concen: 87.687 ng
RT: 13.08 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	10.8	11.0	16.4





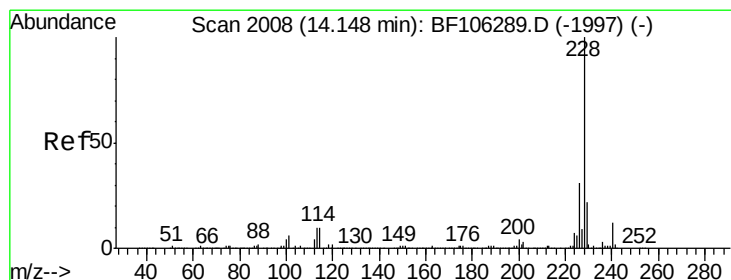
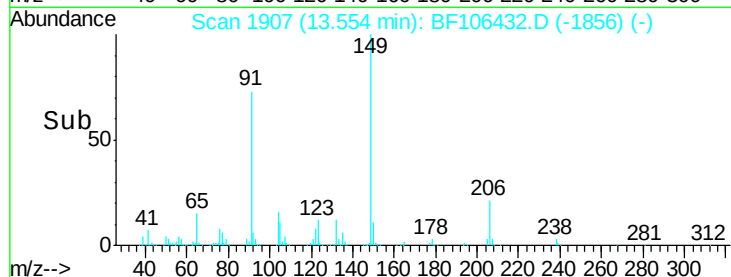
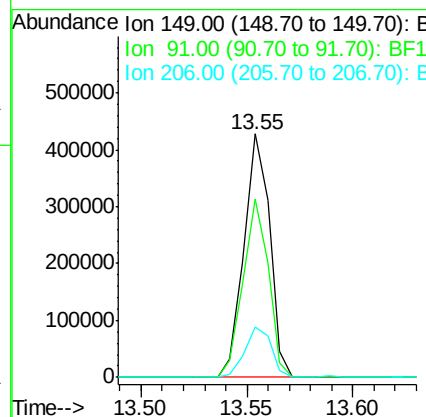
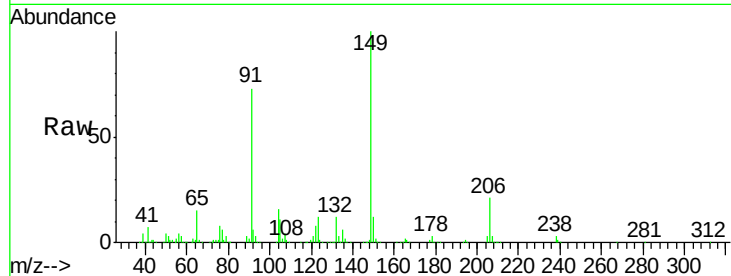
#79
Butylbenzylphthalate
Concen: 46.401 ng
RT: 13.55 min Scan# 1907
Delta R.T. 0.00 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Instrument :
BNA_F
ClientSampled :
PB110241BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	361659		
91	73.2	56.8	85.2	
206	20.8	14.1	21.1	

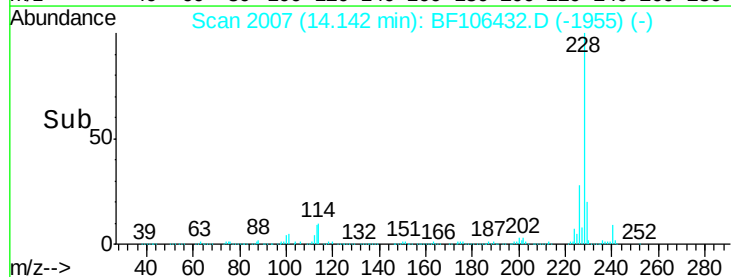
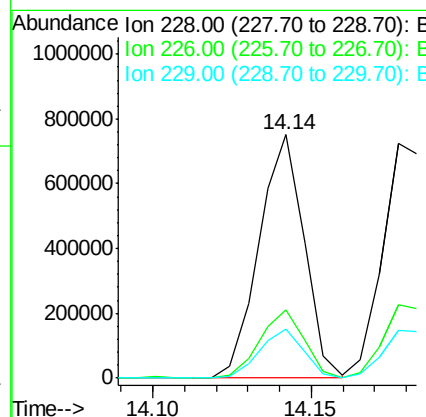
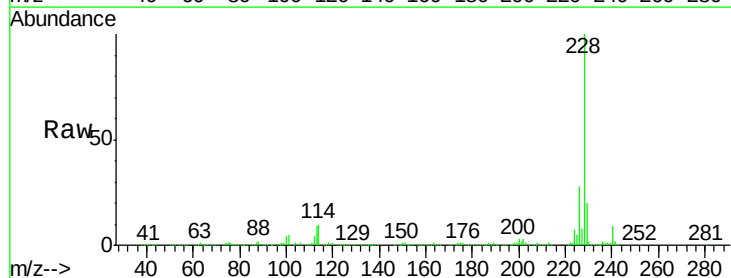
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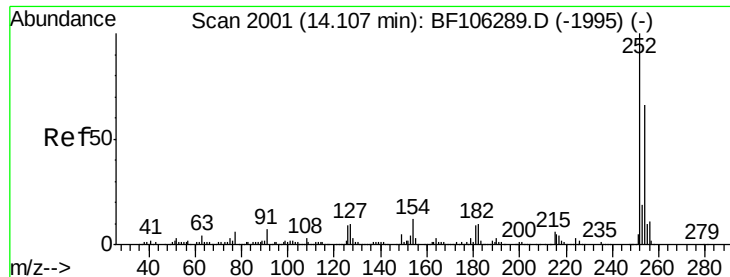
Sohil
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#80
Benzo(a)anthracene
Concen: 37.478 ng
RT: 14.14 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	741760		
226	28.1	22.6	33.8	
229	20.2	15.8	23.6	





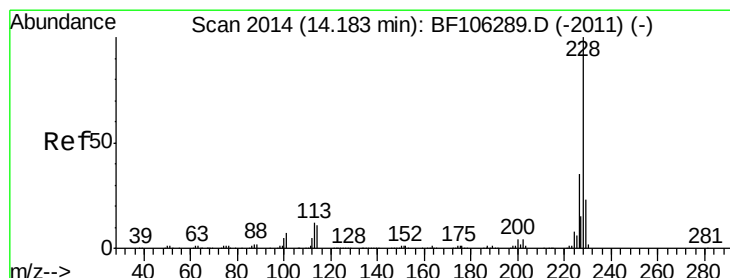
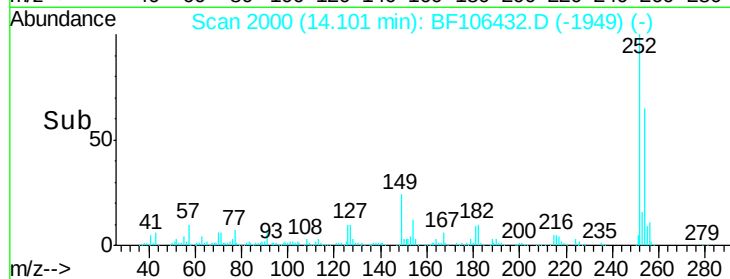
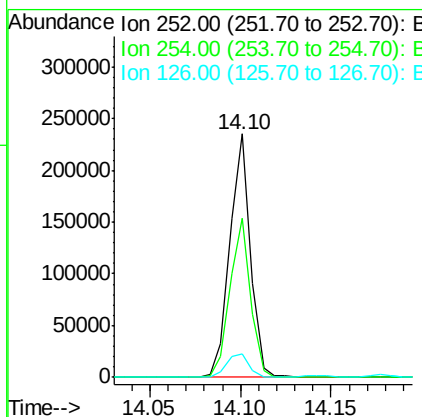
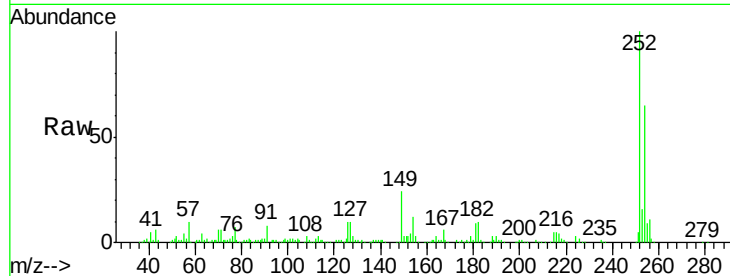
#81
 3,3'-Dichlorobenzidine
 Concen: 27.957 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. 0.00 min
 Lab File: BF106432.D
 Acq: 14 Jun 2018 10:09

Instrument :
 BNA_F
 ClientSampleId :
 PB110241BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.3	50.4	75.6
126	9.6	11.3	16.9

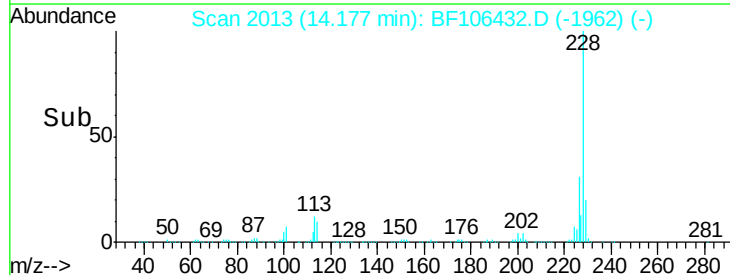
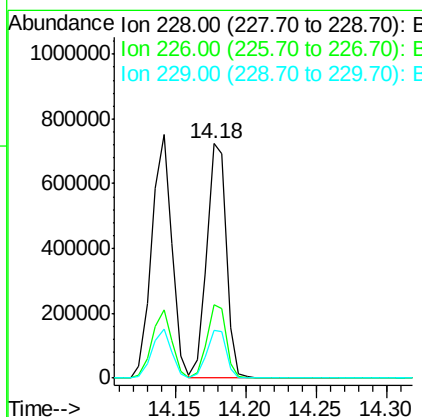
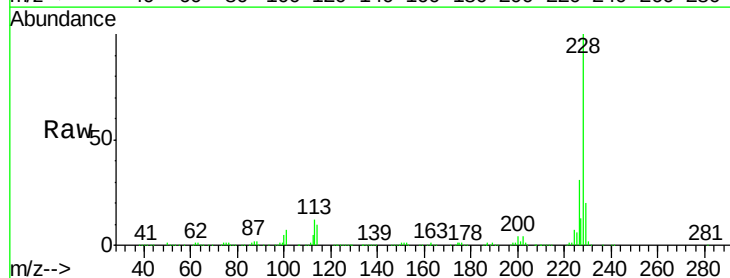
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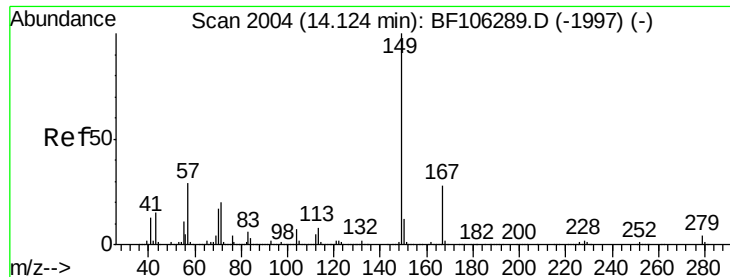
Sohil
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#82
 Chrysene
 Concen: 38.710 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. 0.00 min
 Lab File: BF106432.D
 Acq: 14 Jun 2018 10:09

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.4	25.0	37.6
229	20.4	16.2	24.4





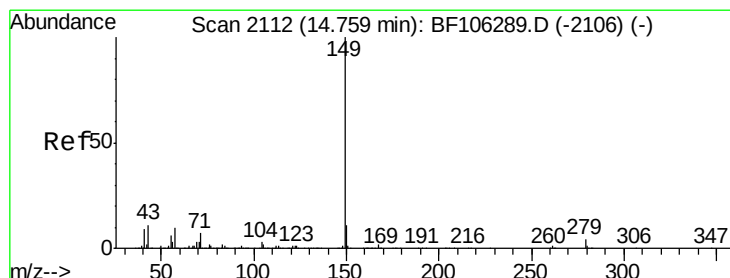
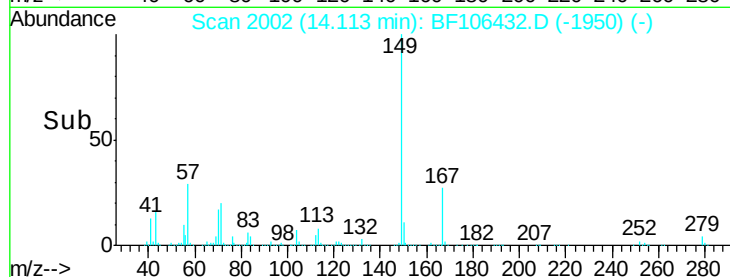
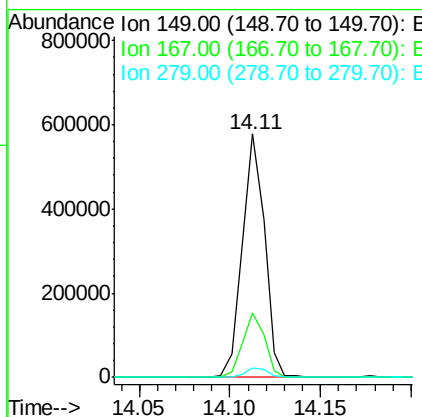
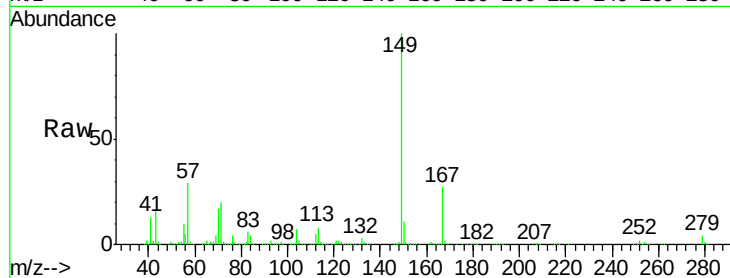
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.108 ng
 RT: 14.11 min Scan# 2002
 Delta R.T. 0.01 min
 Lab File: BF106432.D
 Acq: 14 Jun 2018 10:09

Instrument :
 BNA_F
 ClientSampleId :
 PB110241BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.3	31.9
279	3.6	3.0	4.4

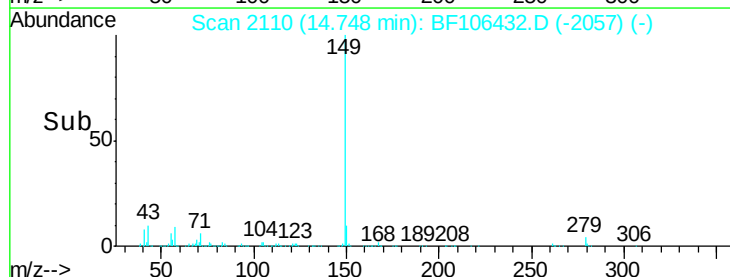
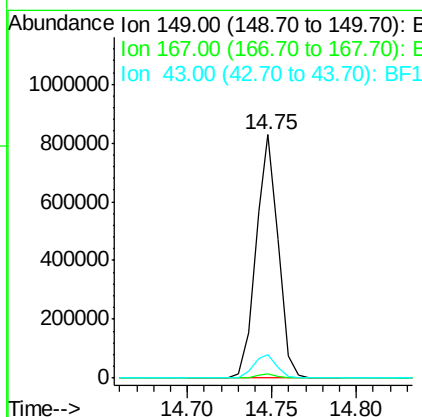
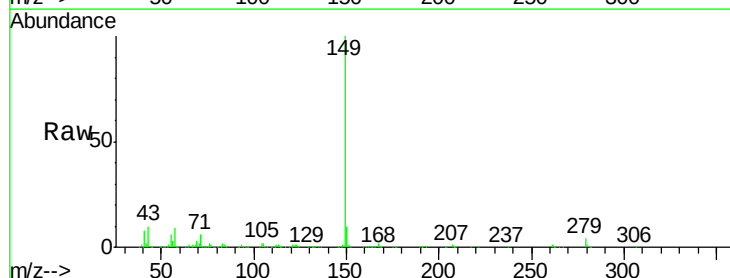
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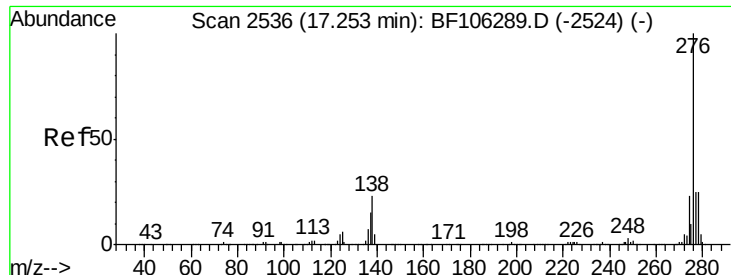
Sohil
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#84
 Di-n-octyl phthalate
 Concen: 46.710 ng
 RT: 14.75 min Scan# 2110
 Delta R.T. 0.01 min
 Lab File: BF106432.D
 Acq: 14 Jun 2018 10:09

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.9	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 40.578 ng

RT: 17.25 min Scan# 2536

Delta R.T. 0.01 min

Lab File: BF106432.D

Acq: 14 Jun 2018 10:09

Instrument :

BNA_F

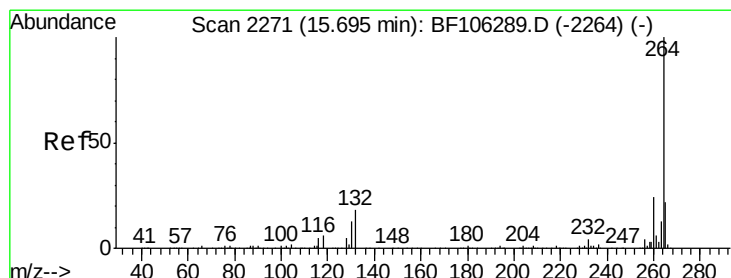
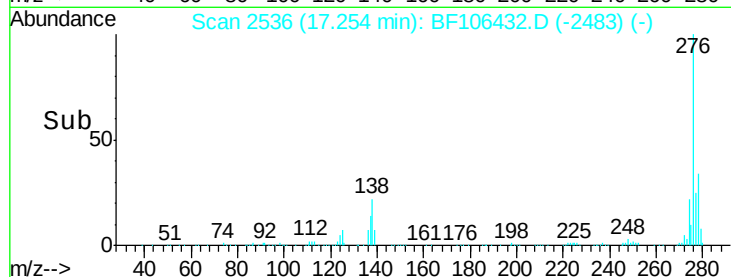
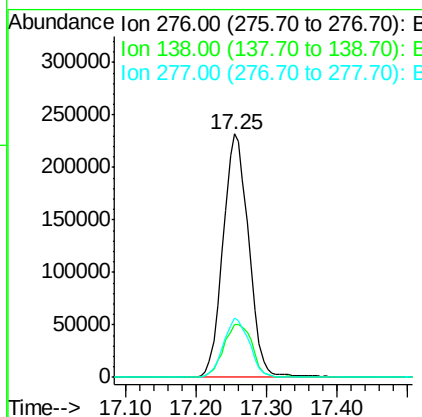
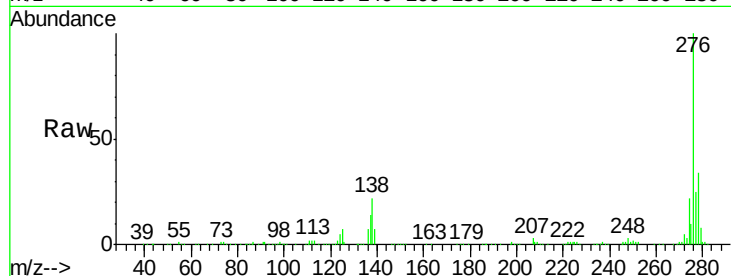
ClientSampleId :

PB110241BS

Tot Ion:	276	Resp:	585201
Ion Ratio	Lower	Upper	
276	100		
138	24.2	25.0	37.6#
277	24.8	20.1	30.1

Manual Integrations
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#86

Perylene-d12

Concen: 20.000 ng

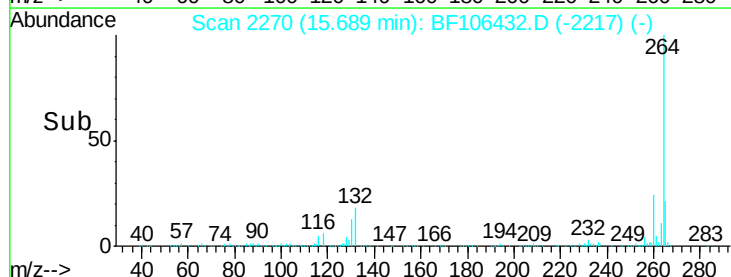
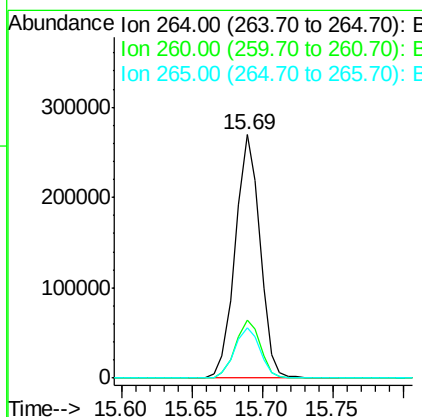
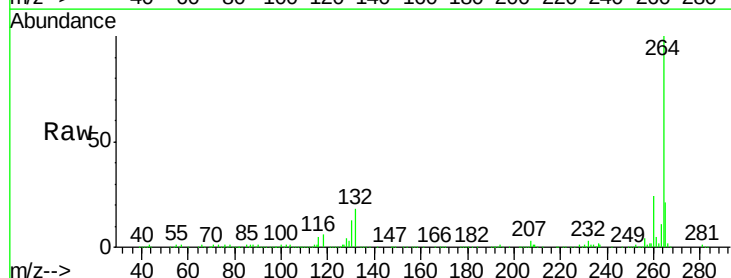
RT: 15.69 min Scan# 2270

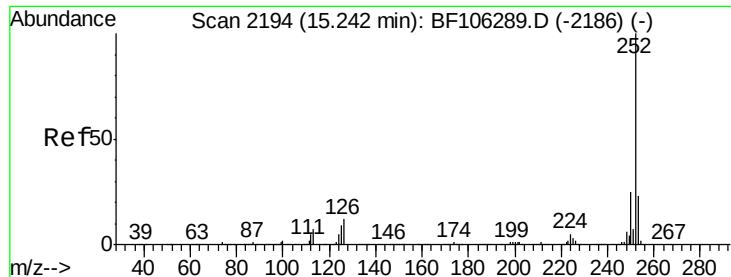
Delta R.T. 0.01 min

Lab File: BF106432.D

Acq: 14 Jun 2018 10:09

Tgt Ion:	264	Resp:	329120
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.2	28.8
265	20.8	17.5	26.3





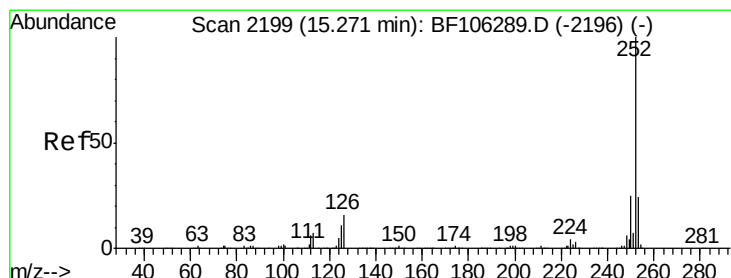
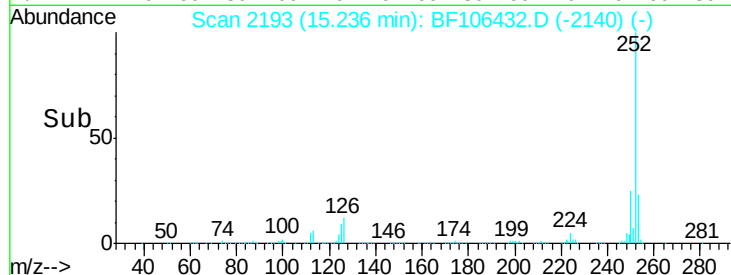
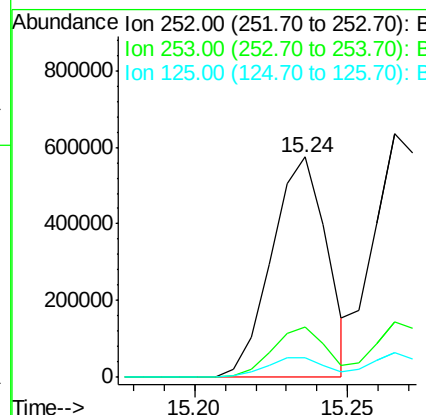
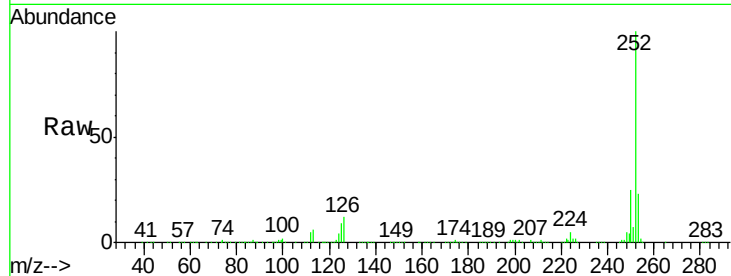
#87
Benzo(b)fluoranthene
Concen: 36.407 ng m
RT: 15.24 min Scan# 2193
Delta R.T. 0.01 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Instrument :
BNA_F
ClientSampleId :
PB110241BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	9.0	9.0	13.6

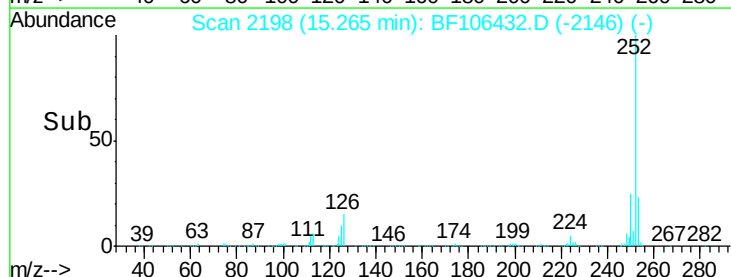
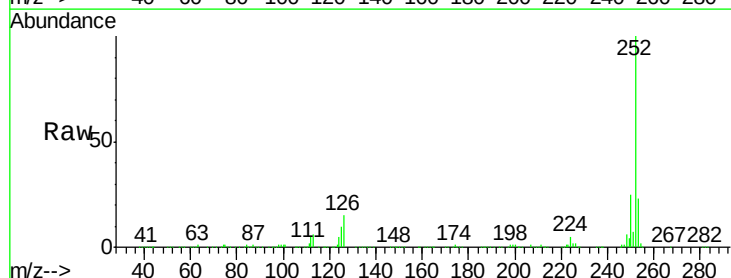
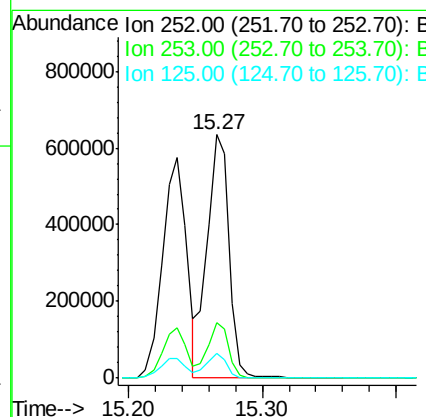
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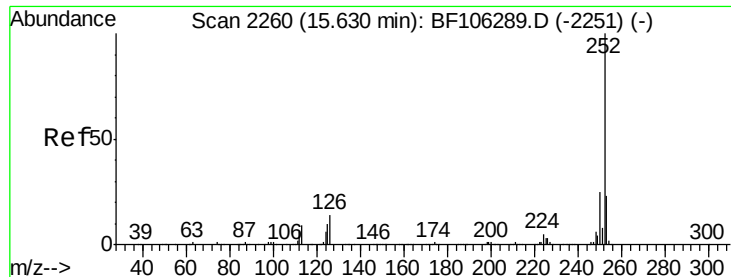
Sohil
6/14/2018 2:48:24 PM



#88
Benzo(k)fluoranthene
Concen: 36.798 ng
RT: 15.27 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	10.1	10.2	15.2





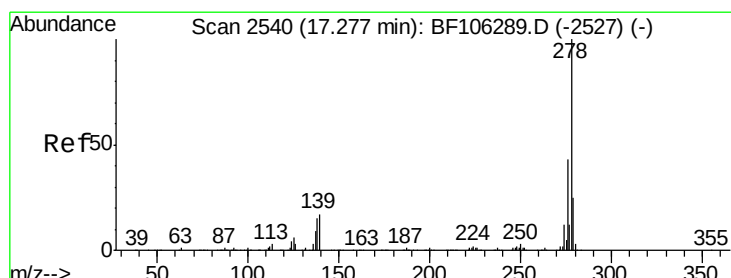
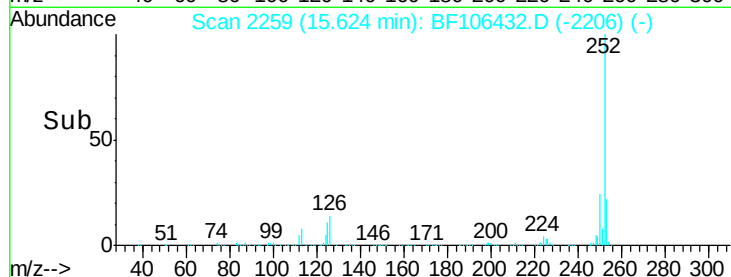
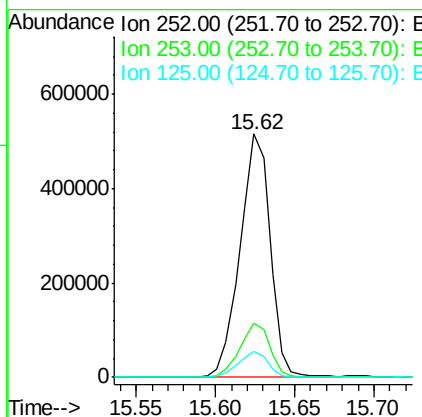
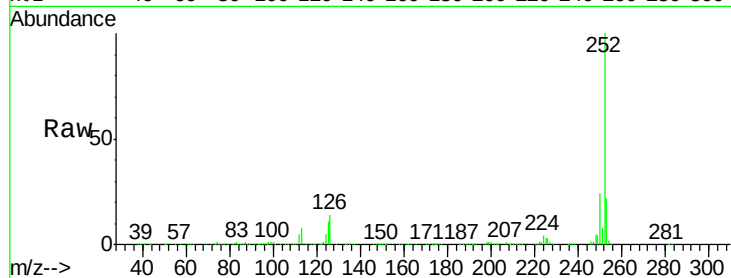
#89
Benzo(a)pyrene
Concen: 38.096 ng
RT: 15.62 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Instrument :
BNA_F
ClientSampleId :
PB110241BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	10.6	9.8	14.6

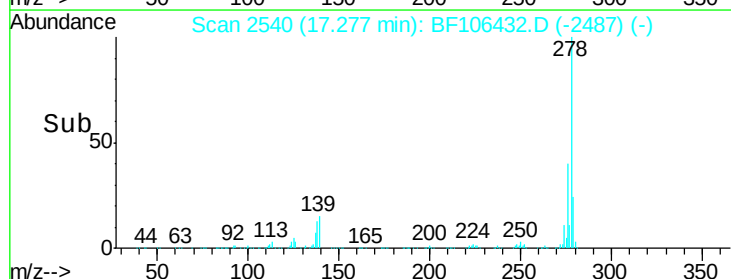
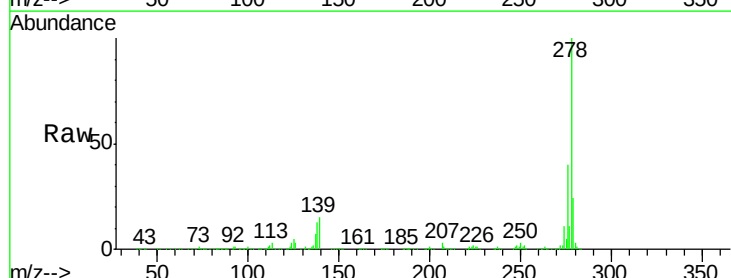
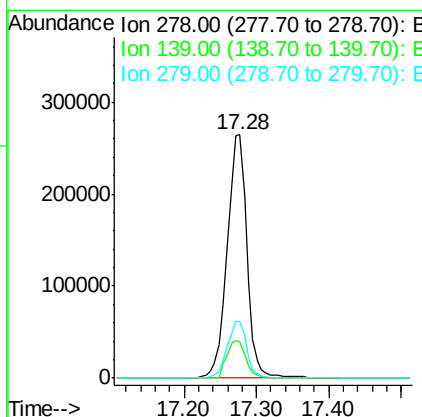
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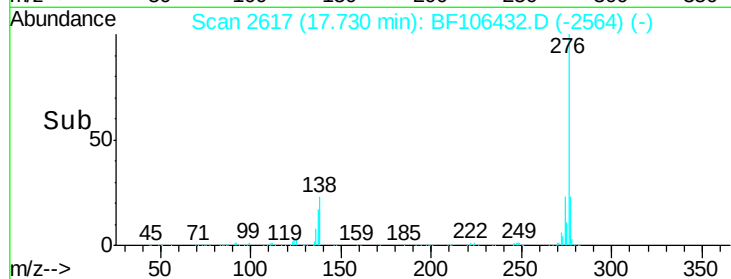
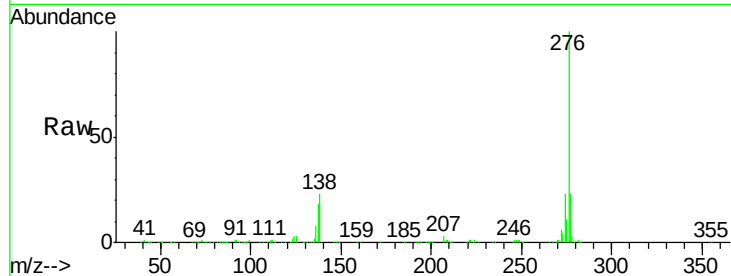
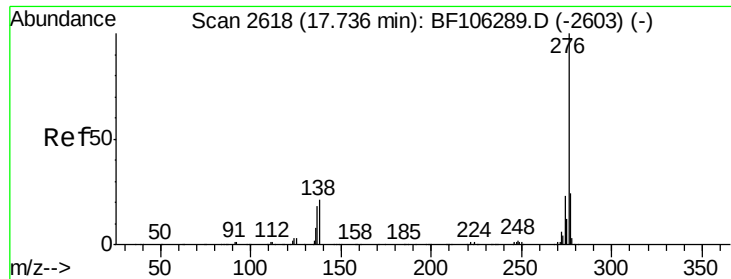
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 33.737 ng
RT: 17.28 min Scan# 2540
Delta R.T. 0.01 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.9	15.9	23.9#
279	23.6	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 30.976 ng

RT: 17.73 min Scan# 2617

Delta R.T. 0.01 min

Lab File: BF106432.D

Acq: 14 Jun 2018 10:09

Tot Ion:	276	Resp:	449100
Ion Ratio		Lower	Upper
276	100		
277	23.1	17.9	26.9
138	22.8	21.8	32.8

Instrument :

BNA_F

ClientSampleId :

PB110241BS

Manual Integrations
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