

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
 Data File : BF106366.D
 Acq On : 13 Jun 2018 1:26
 Operator : JU/SJ
 Sample : PB110114BSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110114BSD

Manual Integrations
 APPROVED

Sohil
 6/13/2018 4:56:32 PM

Quant Time: Jun 13 04:49:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 11 15:00:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	146994	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	512841	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	214595	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	400304	20.00	ng	0.00
75) Chrysene-d12	14.16	240	374257	20.00	ng	0.00
86) Perylene-d12	15.69	264	283476	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	1036895	119.39	ng	0.04
7) Phenol-d6	6.62	99	1237592	112.79	ng	0.04
23) Nitrobenzene-d5	7.54	82	798523	91.60	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	291852	141.35	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1197126	107.39	ng	0.00
78) Terphenyl-d14	13.10	244	1383592	91.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	134432	29.908	ng	94
3) Pyridine	3.64	79	418475	33.409	ng	98
4) n-Nitrosodimethylamine	3.60	42	198217	34.544	ng	93
6) Aniline	6.64	93	281941	17.596	ng	# 9
8) 2-Chlorophenol	6.78	128	358658	38.401	ng	100
9) Benzaldehyde	6.53	77	260576	31.308	ng	99
10) Phenol	6.64	94	461374	38.516	ng	# 68
11) bis(2-Chloroethyl)ether	6.71	93	392011	38.228	ng	98
12) 1,3-Dichlorobenzene	6.92	146	404219	36.773	ng	100
13) 1,4-Dichlorobenzene	7.00	146	411458	36.886	ng	97
14) 1,2-Dichlorobenzene	7.15	146	382093	36.387	ng	98
15) Benzyl Alcohol	7.12	79	320519	34.109	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	554068	37.692	ng	# 35
17) 2-Methylphenol	7.25	107	300415	36.052	ng	# 89
18) Hexachloroethane	7.49	117	126790	31.899	ng	92
19) n-Nitroso-di-n-propylamine	7.38	70	272671	33.123	ng	97
20) 3+4-Methylphenols	7.40	107	419240	39.342	ng	93
22) Acetophenone	7.38	105	506368	39.180	ng	# 97
24) Nitrobenzene	7.56	77	390045	41.165	ng	99
25) Isophorone	7.80	82	712821	41.863	ng	98
26) 2-Nitrophenol	7.87	139	181309	49.299	ng	95
27) 2,4-Dimethylphenol	7.92	122	318038	44.120	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	456593	41.355	ng	98
29) 2,4-Dichlorophenol	8.14	162	307823	44.264	ng	96
30) 1,2,4-Trichlorobenzene	8.20	180	311917	40.002	ng	97
31) Naphthalene	8.28	128	938322	40.474	ng	99
32) Benzoic acid	8.03	122	153009	31.698	ng	91
33) 4-Chloroaniline	8.32	127	114007	11.097	ng	95
34) Hexachlorobutadiene	8.39	225	207304	41.382	ng	98
35) Caprolactam	8.70	113	90321	38.398	ng	96
36) 4-Chloro-3-methylphenol	8.83	107	296979	38.606	ng	97
37) 2-Methylnaphthalene	8.97	142	625617	39.621	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	313125	44.948	ng	# 97
40) Hexachlorocyclopentadiene	9.12	237	52723	13.717	ng	99

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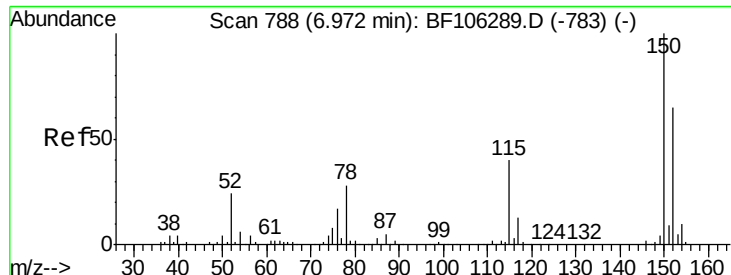
Manual Integrations
 APPROVED

Sohil
 6/13/2018 4:56:32 PM

Quant Time: Jun 13 04:49:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 11 15:00:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	205802	46.357	nq	100
43) 2,4,5-Trichlorophenol	9.32	196	176313m	36.840	nq	
45) 1,1'-Biphenyl	9.44	154	725295	43.636	nq	99
46) 2-Chloronaphthalene	9.47	162	565707	42.530	nq	96
47) 2-Nitroaniline	9.56	65	194570	46.499	nq	90
48) Acenaphthylene	9.88	152	874517	42.953	nq	99
49) Dimethylphthalate	9.73	163	693913	45.260	nq	99
50) 2,6-Dinitrotoluene	9.80	165	136330	43.532	nq	91
51) Acenaphthene	10.05	154	517905	39.389	nq	98
52) 3-Nitroaniline	9.97	138	100091	26.928	nq	97
53) 2,4-Dinitrophenol	10.07	184	50086	39.697	nq #	19
54) Dibenzofuran	10.22	168	735030	41.514	nq	98
55) 4-Nitrophenol	10.17	139	192926	67.715	nq	90
56) 2,4-Dinitrotoluene	10.20	165	174342	44.331	nq	96
57) Fluorene	10.57	166	570612	40.677	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.35	232	169901	44.790	nq #	83
59) Diethylphthalate	10.43	149	641105	42.130	nq	95
60) 4-Chlorophenyl-phenylether	10.55	204	299196	40.551	nq	92
61) 4-Nitroaniline	10.58	138	131460	36.351	nq	96
62) Azobenzene	10.71	77	621207	39.149	nq	97
64) 4,6-Dinitro-2-methylphenol	10.61	198	44850	24.340	nq	86
65) n-Nitrosodiphenylamine	10.67	169	537744	39.970	nq	95
66) 4-Bromophenyl-phenylether	11.05	248	196816	43.228	nq #	83
67) Hexachlorobenzene	11.11	284	197547	42.086	nq #	90
68) Atrazine	11.20	200	177861	42.899	nq	96
69) Pentachlorophenol	11.32	266	178957	61.925	nq	99
70) Phenanthrene	11.54	178	834931	42.589	nq	99
71) Anthracene	11.58	178	853747	43.470	nq	98
72) Carbazole	11.74	167	782460	43.154	nq	98
73) Di-n-butylphthalate	12.06	149	945721	46.864	nq	100
74) Fluoranthene	12.72	202	960625	45.947	nq	98
76) Benzidine	12.85	184	747033	59.975	nq	99
77) Pyrene	12.96	202	983689	41.983	nq	98
79) Butylbenzylphthalate	13.57	149	444478	50.677	nq #	94
80) Benzo(a)anthracene	14.15	228	940168	42.213	nq	98
81) 3,3'-Dichlorobenzidine	14.11	252	338700	45.073	nq #	96
82) Chrysene	14.19	228	868242	42.699	nq	98
83) Bis(2-ethylhexyl)phthalate	14.12	149	618685	49.197	nq	99
84) Di-n-octyl phthalate	14.75	149	1036914	57.194	nq	99
85) Indeno(1,2,3-cd)pyrene	17.27	276	671494	41.378	nq #	93
87) Benzo(b)fluoranthene	15.24	252	765575	44.677	nq	96
88) Benzo(k)fluoranthene	15.27	252	703745	41.468	nq #	97
89) Benzo(a)pyrene	15.63	252	682127	44.257	nq	96
90) Dibenzo(a,h)anthracene	17.28	278	564706	43.947	nq	96
91) Benzo(g,h,i)perylene	17.74	276	539782	43.225	nq	93

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



#1

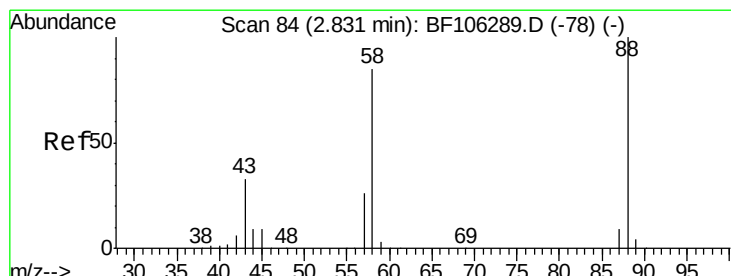
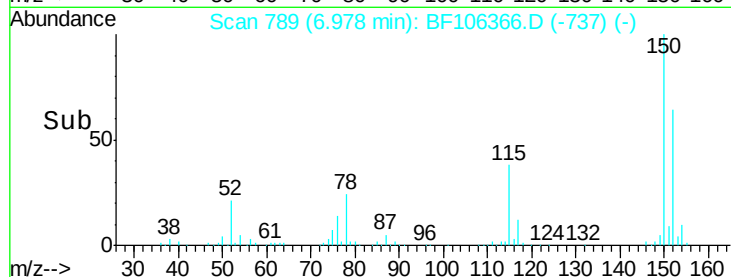
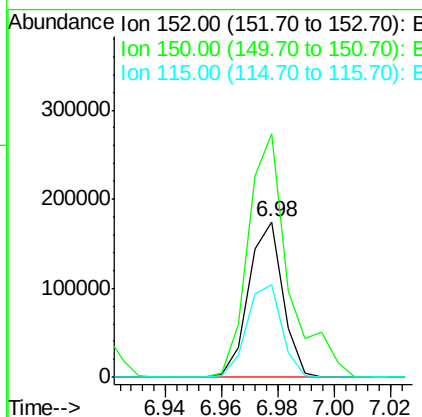
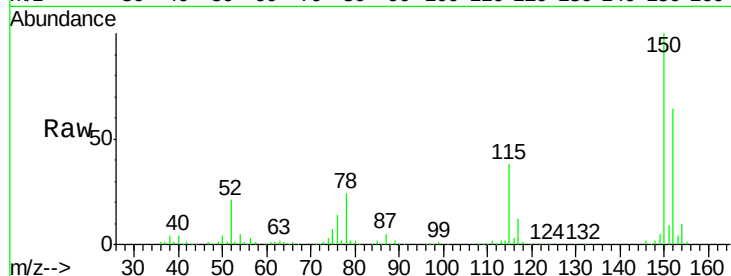
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 789
Delta R.T. 0.01 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Instrument :
BNA_F
ClientSampleId :
PB110114BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.6	186.8
115	59.3	50.1	75.1

Manual Integrations
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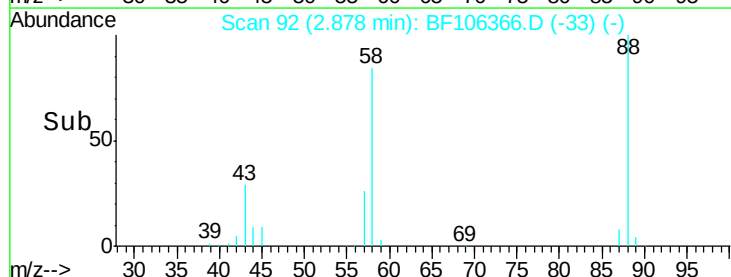
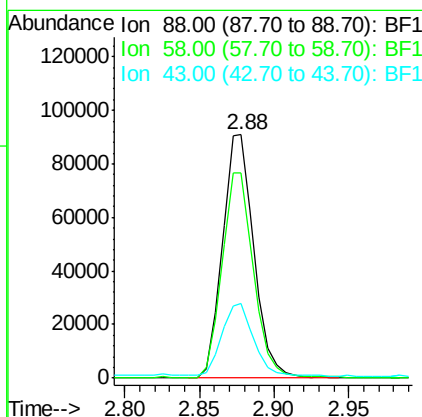
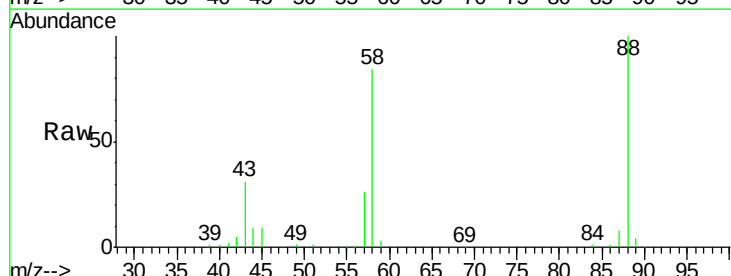
Sohil
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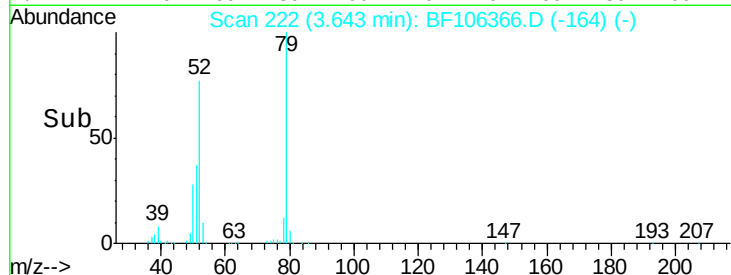
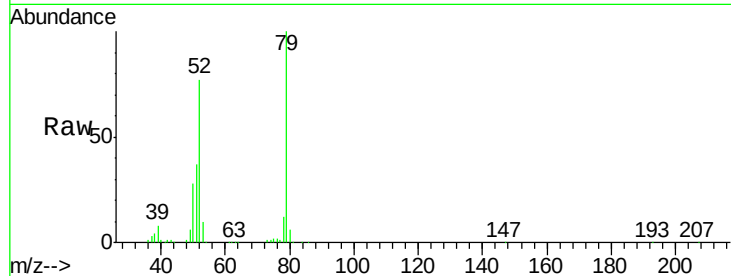
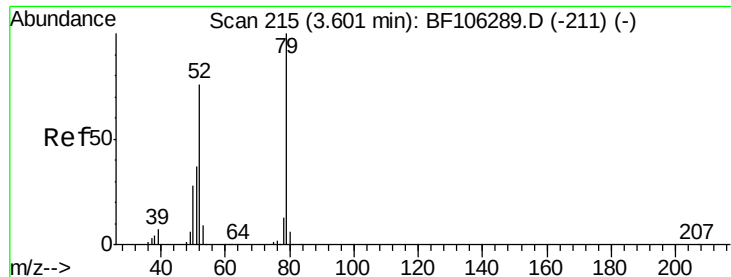


#2

1,4-Dioxane
Concen: 29.908 ng
RT: 2.88 min Scan# 92
Delta R.T. 0.05 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.0	62.6	93.8
43	30.1	24.6	37.0





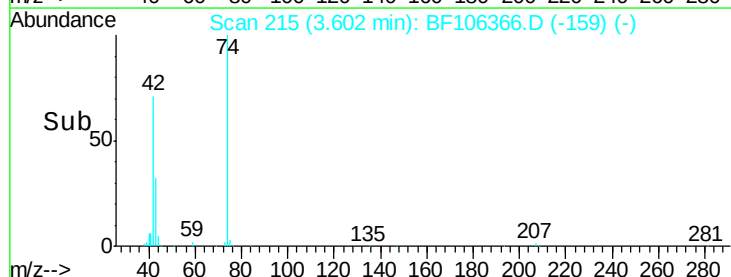
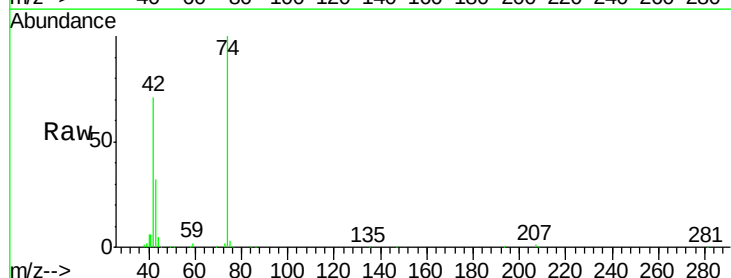
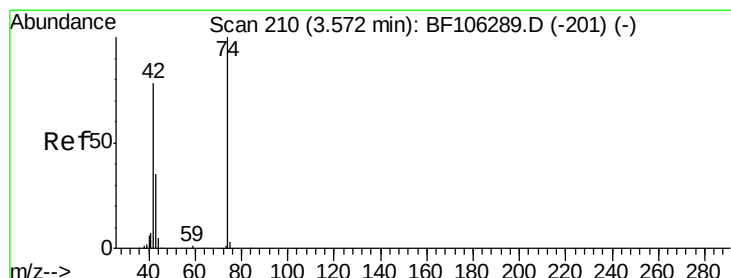
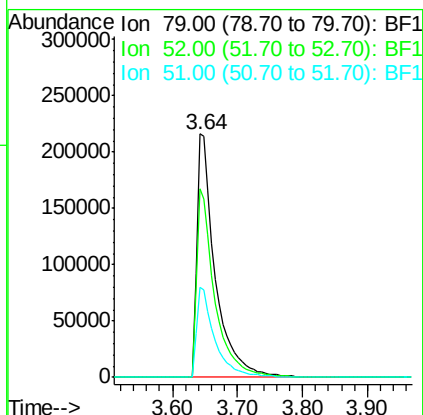
#3
 Pvridine
 Concen: 33.409 ng
 RT: 3.64 min Scan# 222
 Delta R.T. 0.04 min
 Lab File: BF106366.D
 Acq: 13 Jun 2018 1:26

Tot Ion	Ratio	Lower	Upper
79	100		
52	77.2	59.8	89.6
51	36.9	29.8	44.8

Instrument :
 BNA_F
 ClientSampleId :
 PB110114BSD

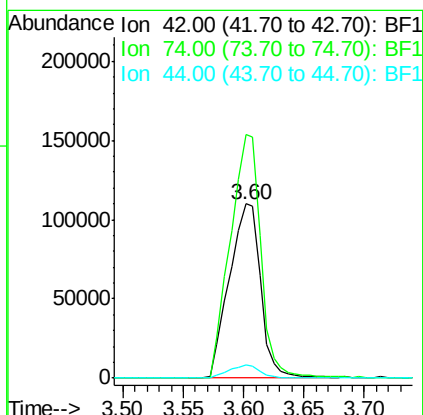
Manual Integrations
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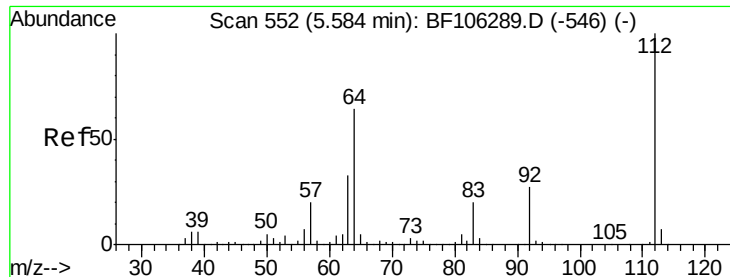
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#4
 n-Nitrosodimethylamine
 Concen: 34.544 ng
 RT: 3.60 min Scan# 215
 Delta R.T. 0.03 min
 Lab File: BF106366.D
 Acq: 13 Jun 2018 1:26

Tgt Ion	Ratio	Lower	Upper
42	100		
74	140.0	104.9	157.3
44	7.7	6.9	10.3





#5

2-Fluorophenol

Concen: 119.389 ng

RT: 5.62 min Scan# 559

Delta R.T. 0.04 min

Lab File: BF106366.D

Acq: 13 Jun 2018 1:26

Instrument :

BNA_F

ClientSampleId :

PB110114BSD

Tot Ion: 112 Resp: 1036895

Ion Ratio Lower Upper

112 100

64 61.5 47.9 71.9

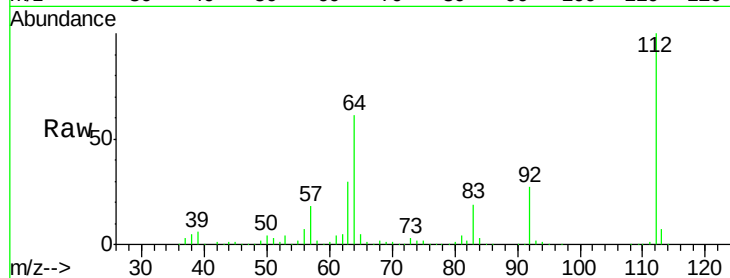
63 30.3 23.7 35.5

Manual Integrations

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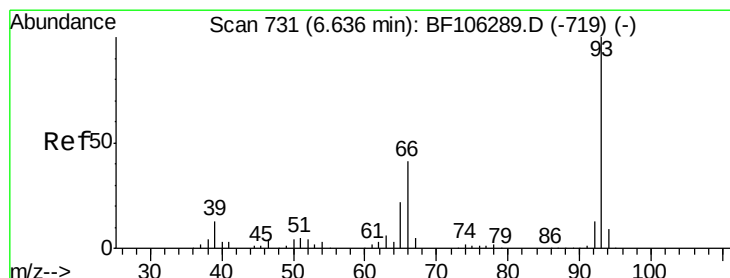
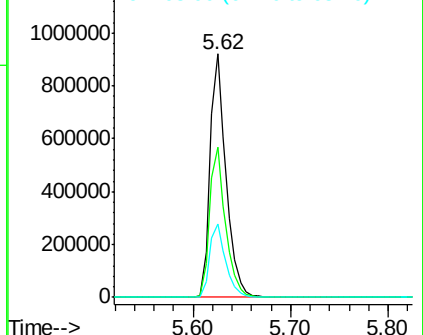
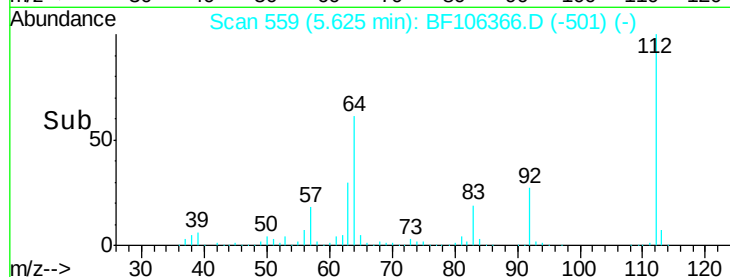
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 17.596 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF106366.D

Acq: 13 Jun 2018 1:26

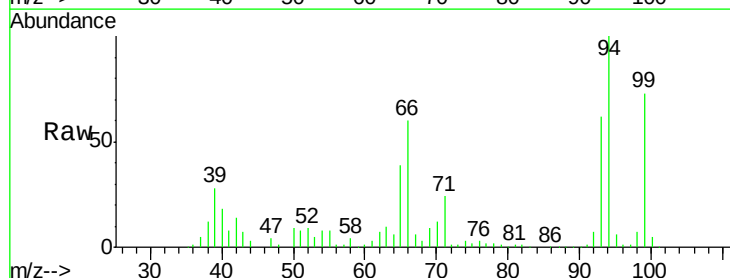
Tgt Ion: 93 Resp: 281941

Ion Ratio Lower Upper

93 100

66 96.3 32.2 48.2#

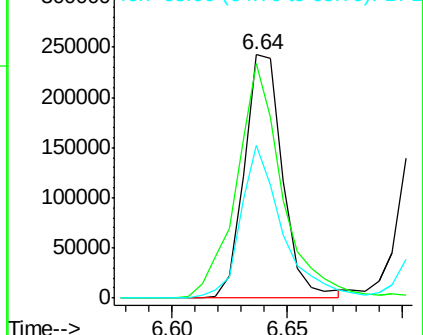
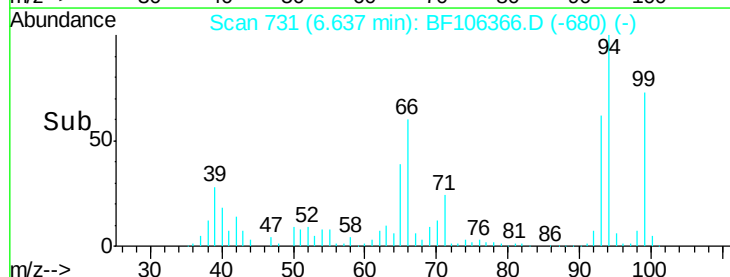
65 62.8 16.4 24.6#

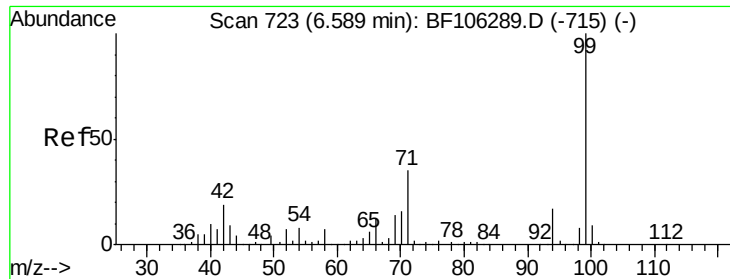


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 112.788 ng

RT: 6.62 min Scan# 729

Delta R.T. 0.04 min

Lab File: BF106366.D

Acq: 13 Jun 2018 1:26

Instrument :

BNA_F

ClientSampled :

PB110114BSD

Tot Ion: 99 Resp: 1237592

Ion Ratio Lower Upper

99 100

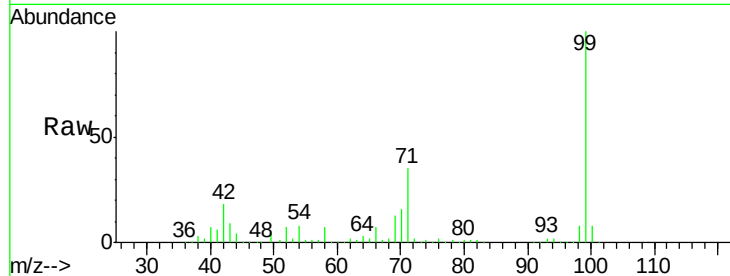
42 18.2 14.5 21.7

71 35.1 25.4 38.0

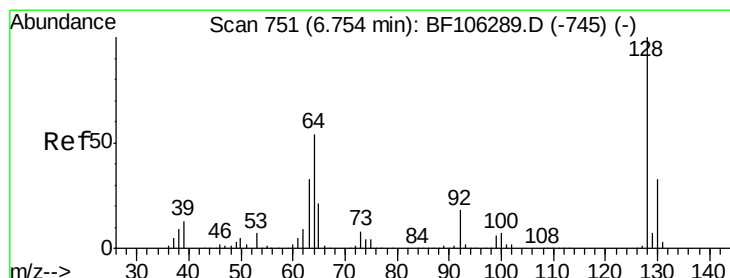
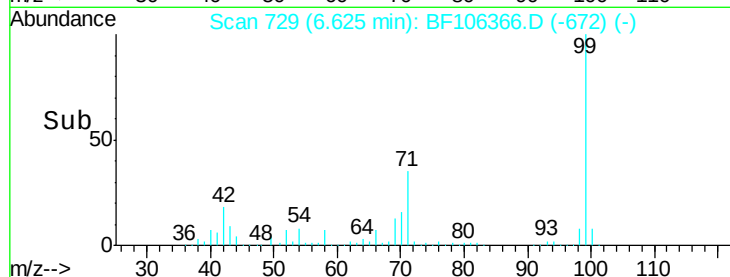
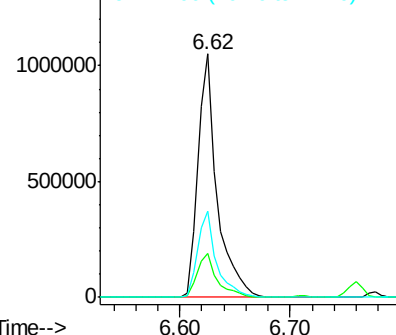
Manual Integrations
APPROVED

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.401 ng

RT: 6.78 min Scan# 755

Delta R.T. 0.02 min

Lab File: BF106366.D

Acq: 13 Jun 2018 1:26

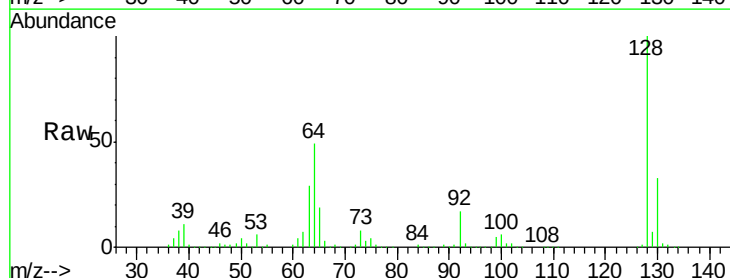
Tgt Ion: 128 Resp: 358658

Ion Ratio Lower Upper

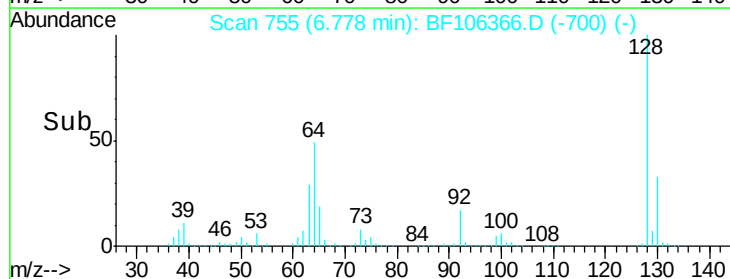
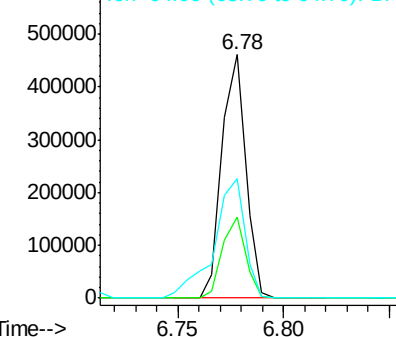
128 100

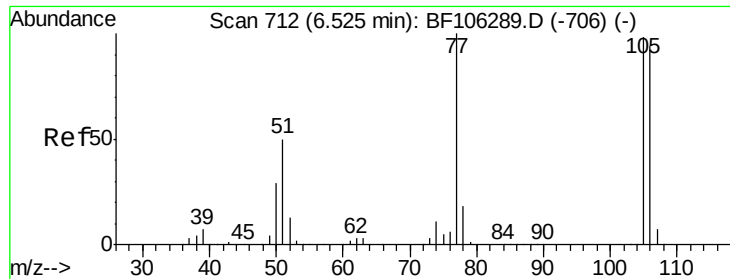
130 33.1 13.0 53.0

64 49.0 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





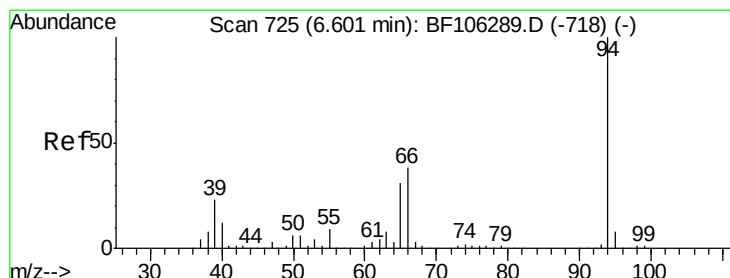
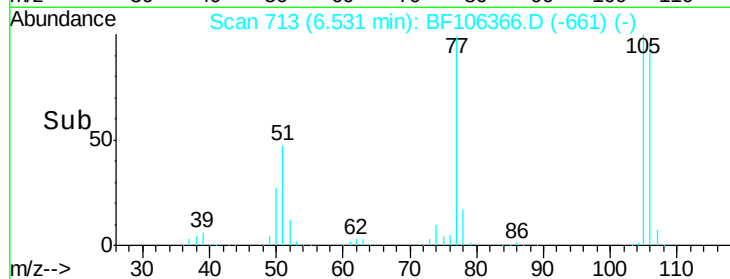
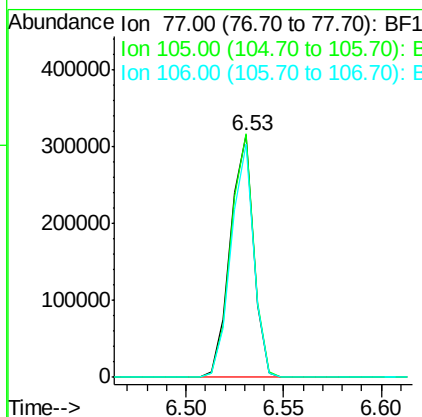
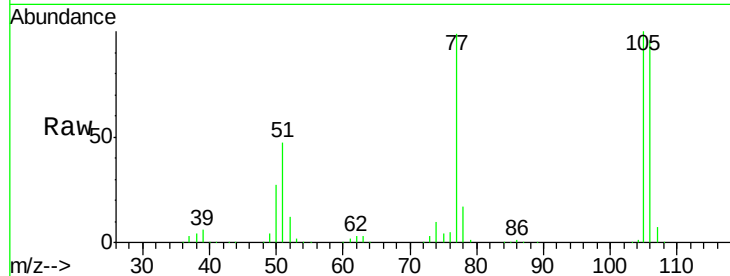
#9
Benzaldehyde
Concen: 31.308 ng
RT: 6.53 min Scan# 713
Delta R.T. 0.01 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Instrument :
BNA_F
ClientSampleId :
PB110114BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	100.5	81.1	121.1
106	96.2	74.5	114.5

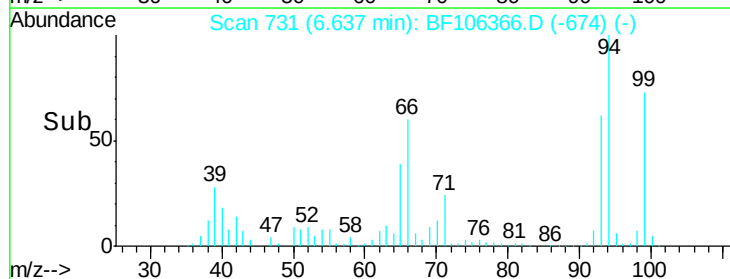
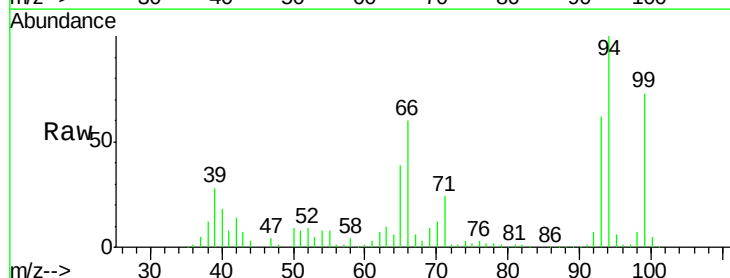
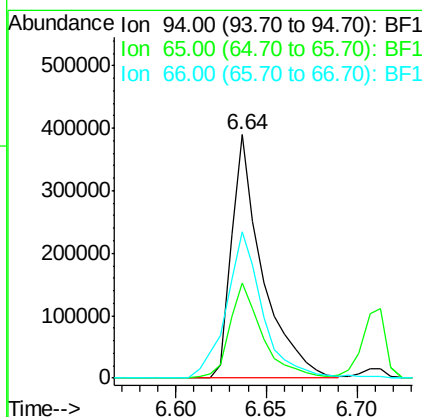
Manual Integrations
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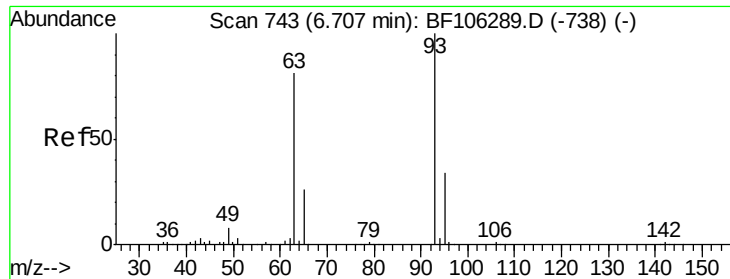
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6/13/2018 4:56:32 PM



#10
Phenol
Concen: 38.516 ng
RT: 6.64 min Scan# 731
Delta R.T. 0.04 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Tgt Ion	Ratio	Lower	Upper
94	100		
65	39.1	7.9	47.9
66	59.9	16.2	56.2





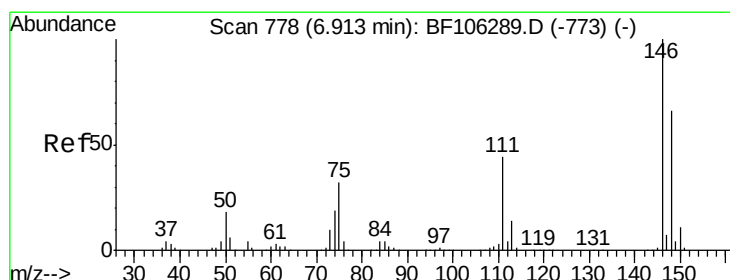
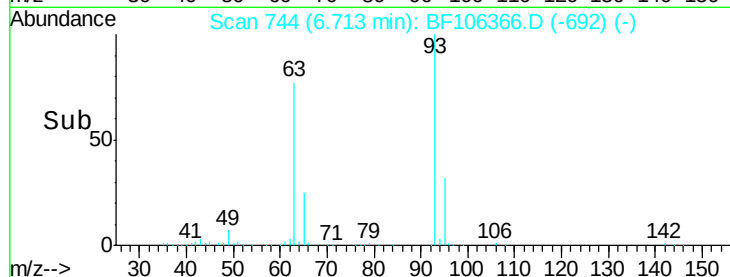
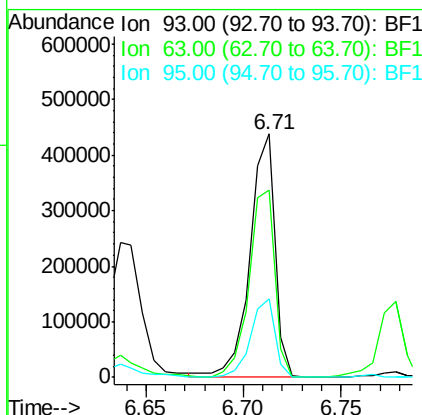
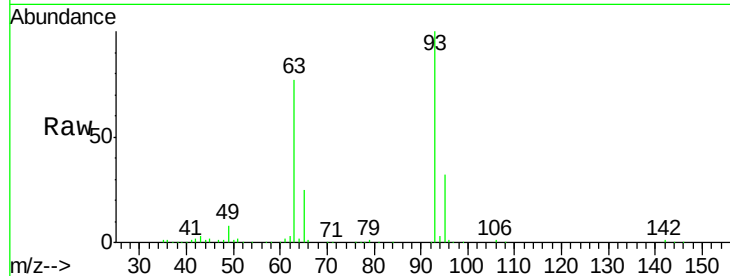
#11
bis(2-Chloroethyl)ether
Concen: 38.228 ng
RT: 6.71 min Scan# 744
Delta R.T. 0.01 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Instrument :
BNA_F
ClientSampleId :
PB110114BSD

Tot Ion:	93	Resp:	392011
Ion Ratio	Lower	Upper	
93	100		
63	76.7	58.6	98.6
95	32.4	11.8	51.8

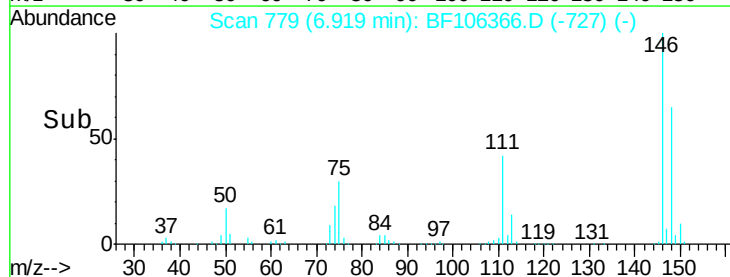
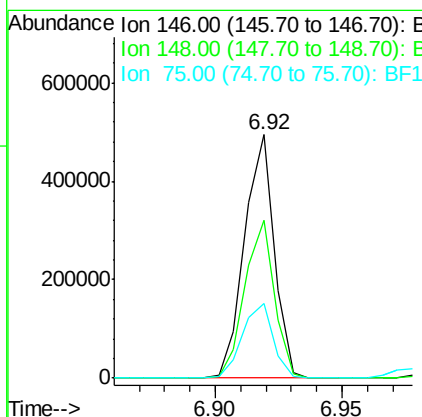
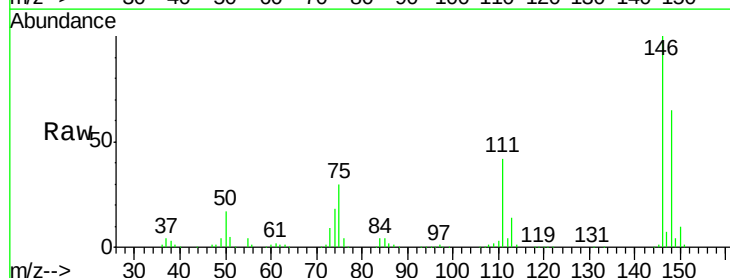
Manual Integrations
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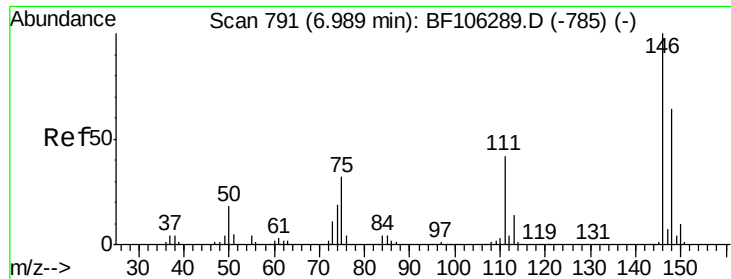
Sohil
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#12
1,3-Dichlorobenzene
Concen: 36.773 ng
RT: 6.92 min Scan# 779
Delta R.T. 0.01 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Tgt Ion:	146	Resp:	404219
Ion Ratio	Lower	Upper	
146	100		
148	65.0	51.8	77.8
75	30.4	24.2	36.4





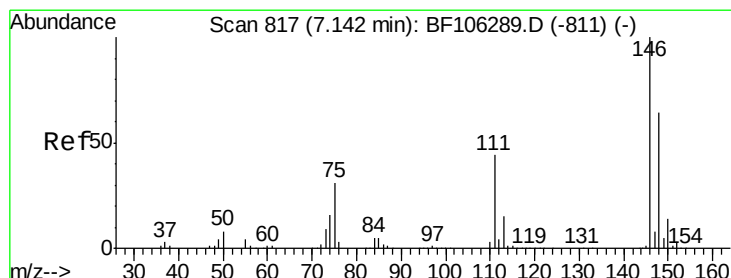
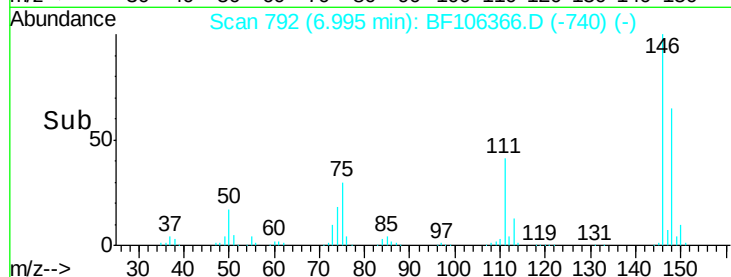
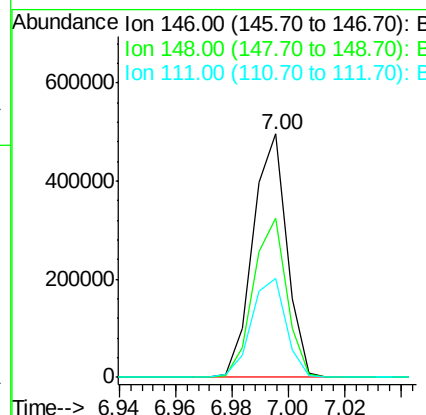
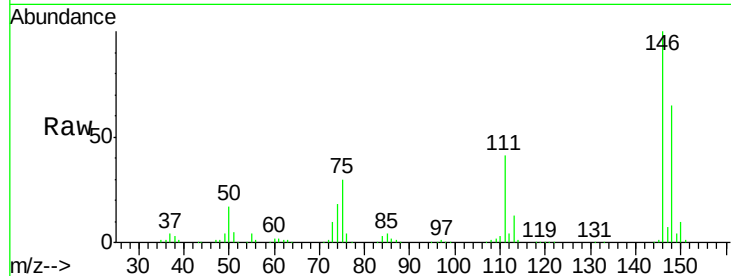
#13
 1,4-Dichlorobenzene
 Concen: 36.886 ng
 RT: 7.00 min Scan# 792
 Delta R.T. 0.01 min
 Lab File: BF106366.D
 Acq: 13 Jun 2018 1:26

Instrument :
 BNA_F
 ClientSampleId :
 PB110114BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.4	50.8	76.2
111	40.7	34.2	51.2

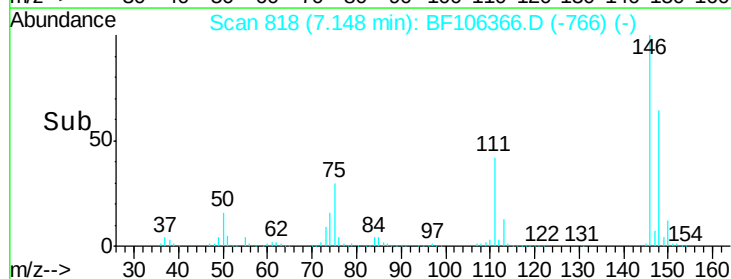
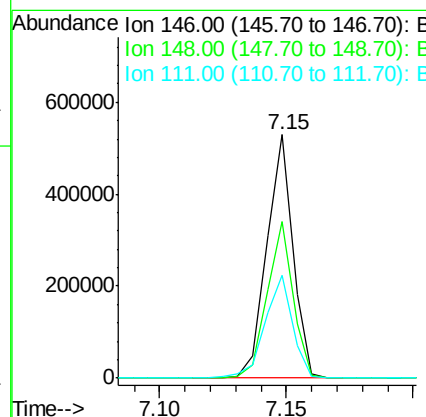
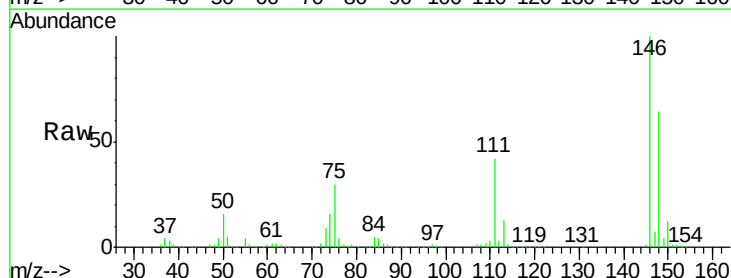
Manual Integrations
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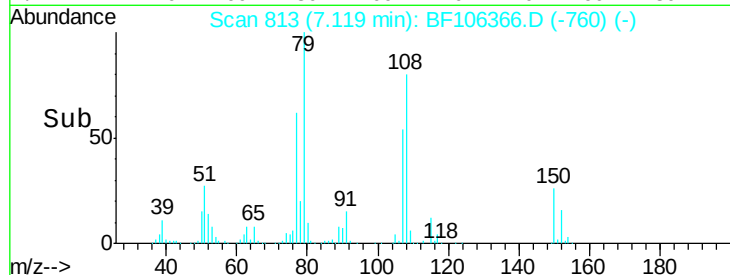
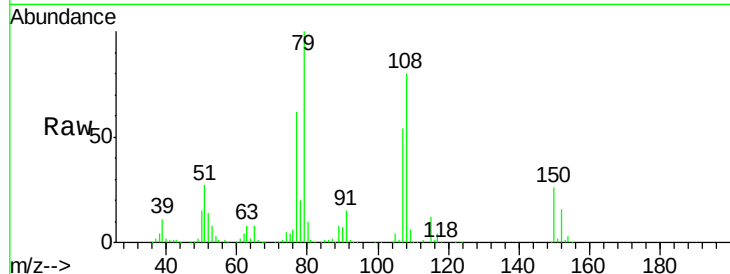
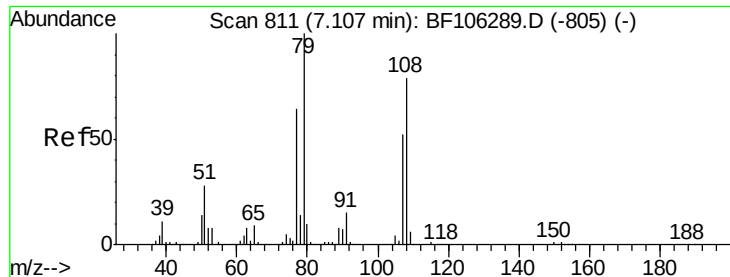
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 36.387 ng
 RT: 7.15 min Scan# 818
 Delta R.T. 0.01 min
 Lab File: BF106366.D
 Acq: 13 Jun 2018 1:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.6	75.8
111	42.4	36.0	54.0





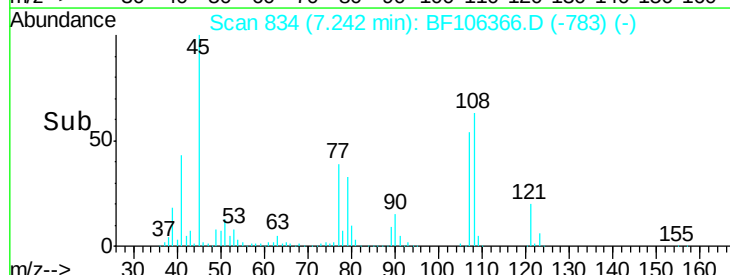
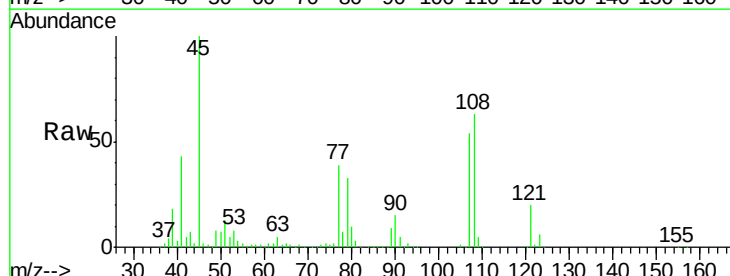
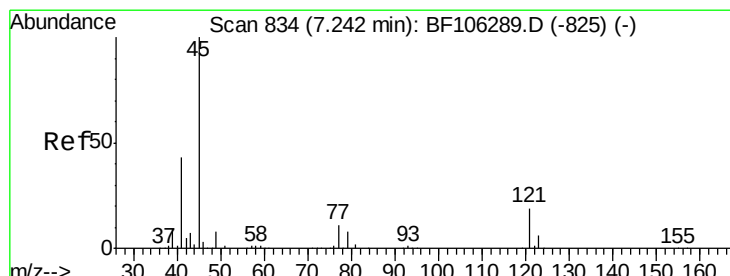
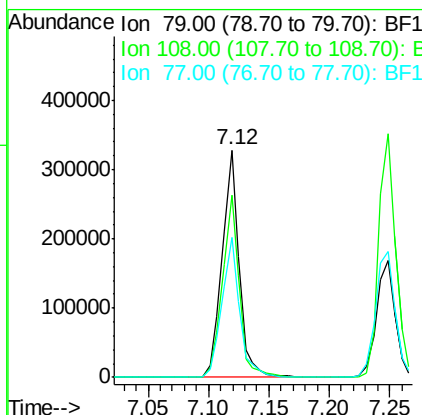
#15
Benzyl Alcohol
Concen: 34.109 ng
RT: 7.12 min Scan# 813
Delta R.T. 0.01 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	80.3	65.1	97.7	
77	61.5	50.6	75.8	

Instrument :
BNA_F
ClientSampleId :
PB110114BSD

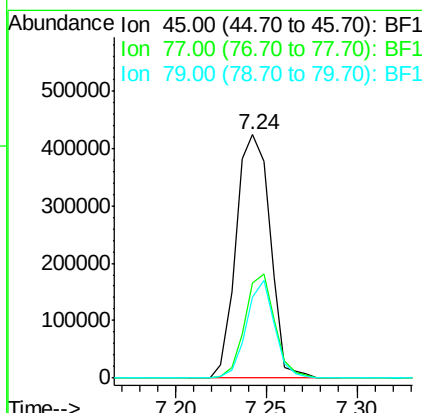
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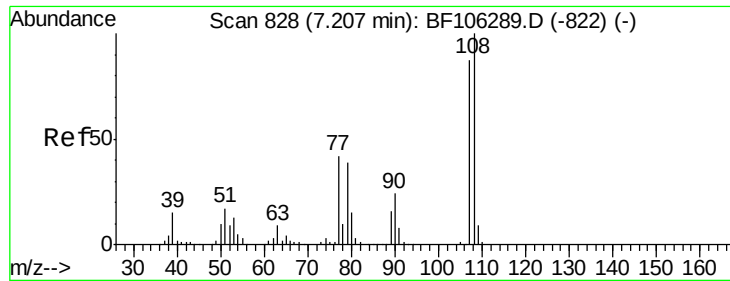
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.692 ng
RT: 7.24 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	39.0	0.0	32.9#	
79	33.4	0.0	29.6#	





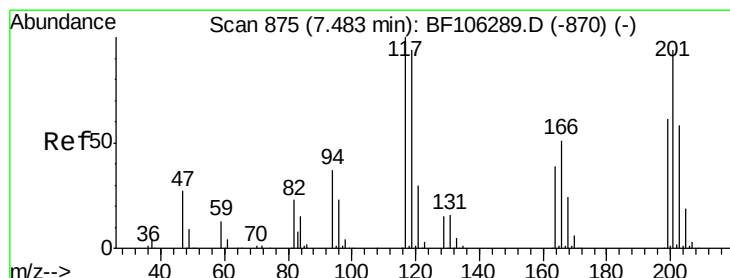
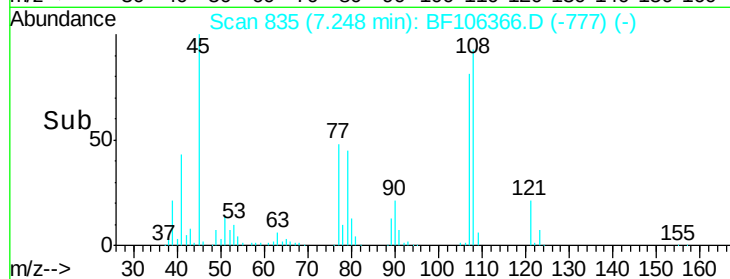
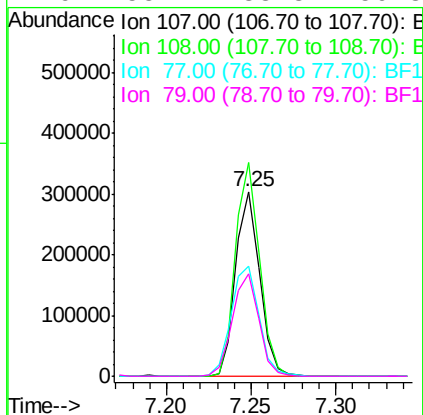
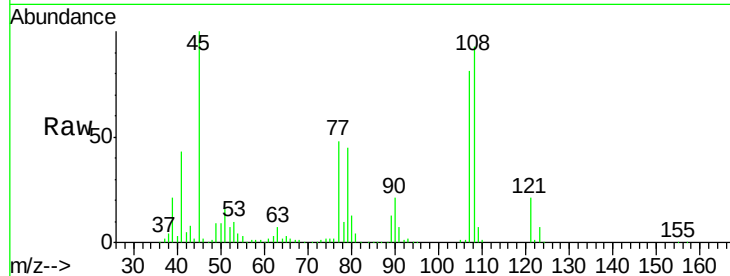
#17
2-Methylphenol
Concen: 36.052 ng
RT: 7.25 min Scan# 835
Delta R.T. 0.04 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Instrument :
BNA_F
ClientSampled :
PB110114BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.6	91.7	137.5	
77	59.8	33.8	50.8#	
79	55.7	33.8	50.8#	

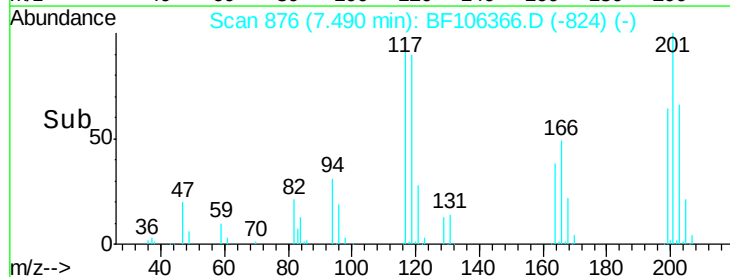
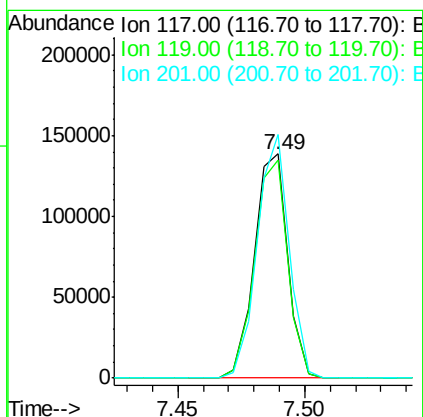
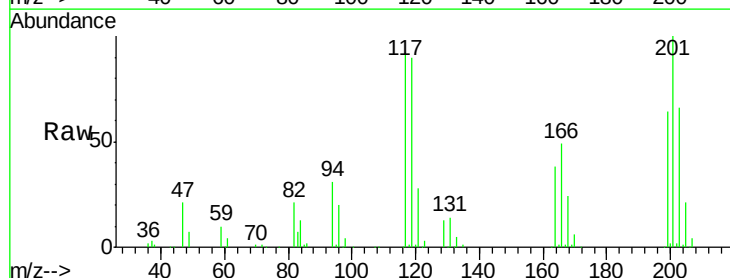
Manual Integrations
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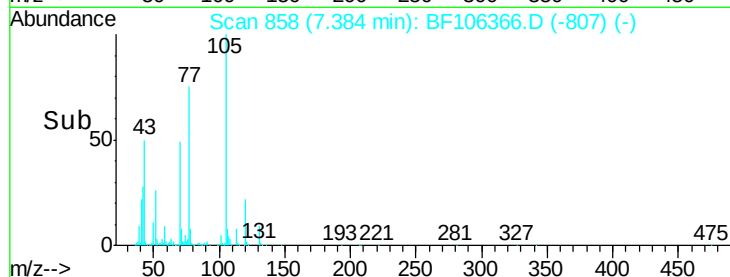
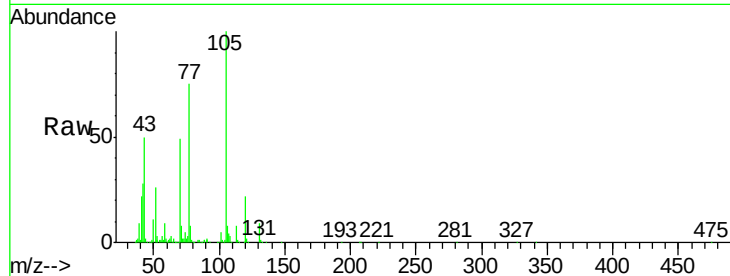
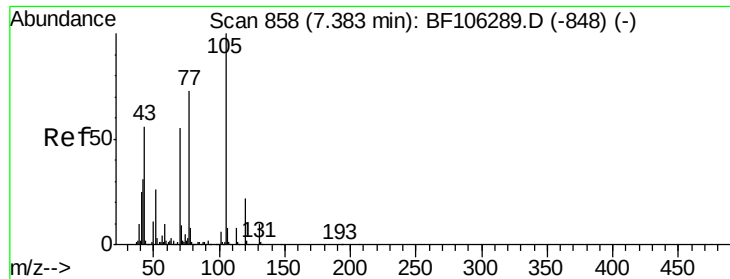
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#18
Hexachloroethane
Concen: 31.899 ng
RT: 7.49 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.2	75.8	113.8	
201	108.6	75.7	113.5	





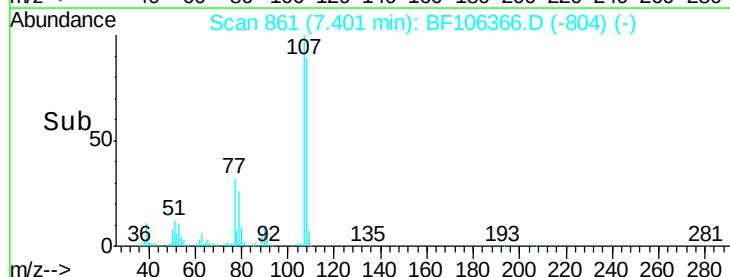
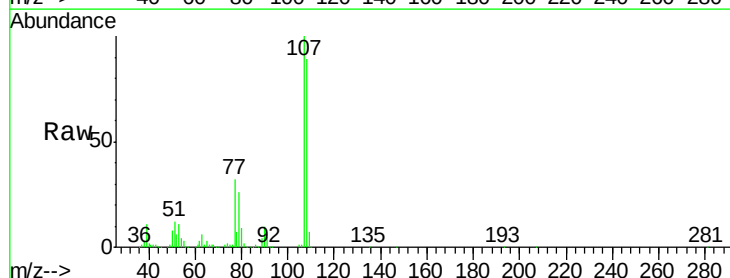
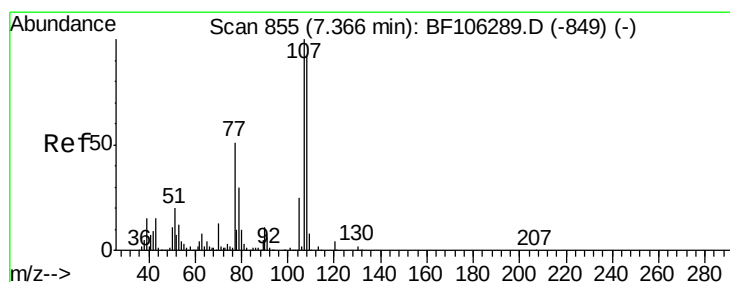
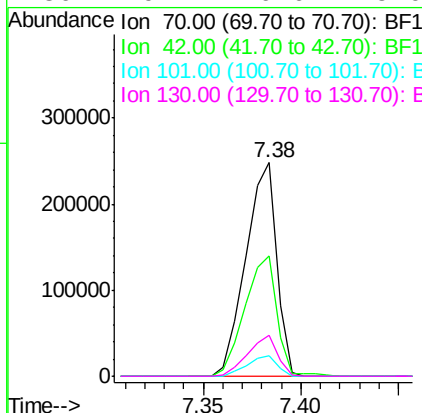
#19
n-Nitroso-di-n-propylamine
Concen: 33.123 ng
RT: 7.38 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Instrument :
BNA_F
ClientSampleId :
PB110114BSD

Tot Ion	70	Resp	272671
Ion Ratio	Lower	Upper	
70	100		
42	56.4	47.5	71.3
101	9.4	7.4	11.2
130	19.4	16.6	25.0

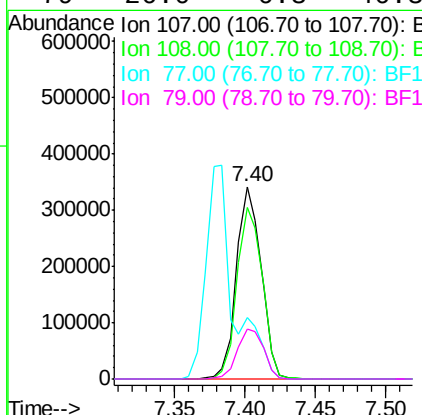
Manual Integrations
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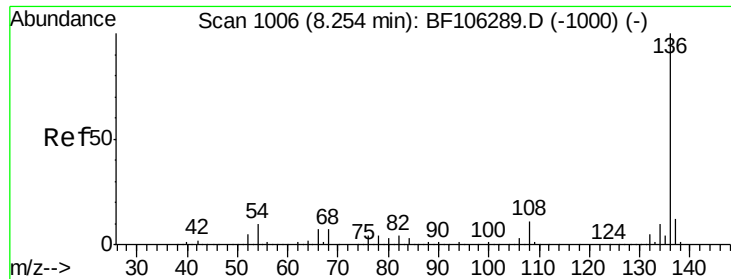
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#20
3+4-Methylphenols
Concen: 39.342 ng
RT: 7.40 min Scan# 861
Delta R.T. 0.04 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Tgt Ion	107	Resp	419240
Ion Ratio	Lower	Upper	
107	100		
108	89.2	68.2	108.2
77	31.9	26.7	66.7
79	26.0	6.3	46.3





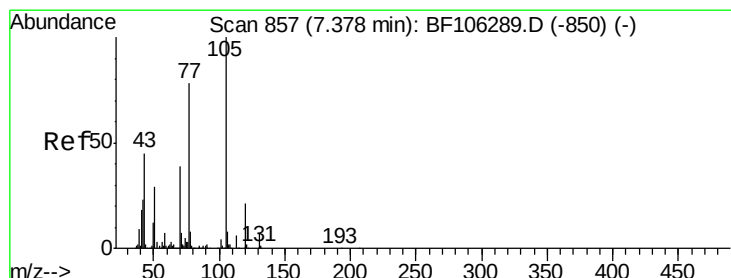
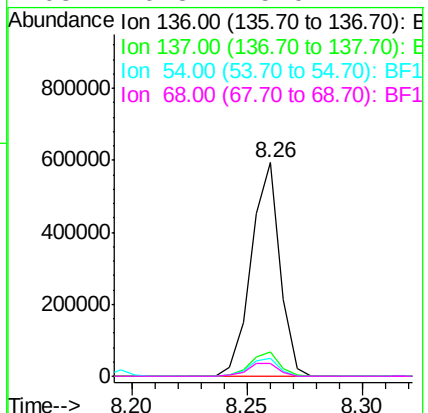
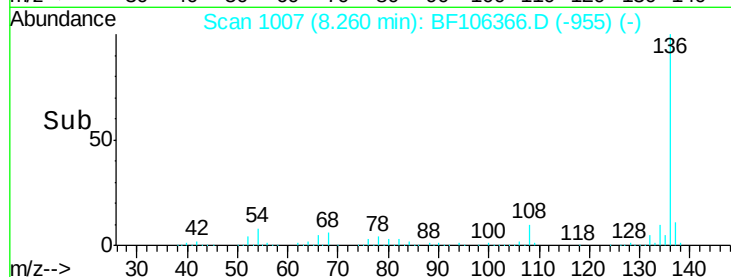
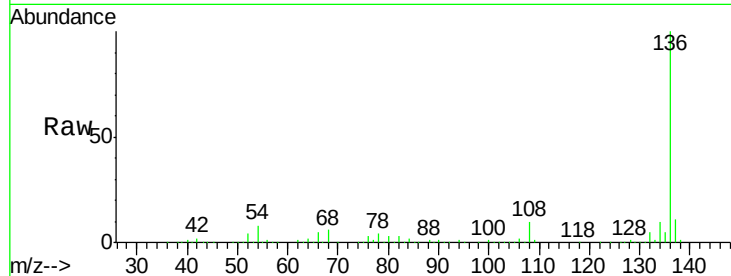
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1007
Delta R.T. 0.01 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Instrument :
BNA_F
ClientSampleId :
PB110114BSD

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.3	6.6	9.8
68	6.3	5.0	7.4

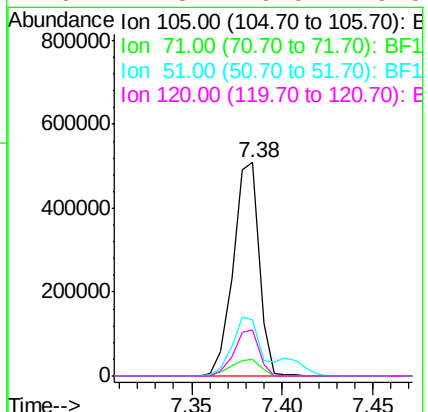
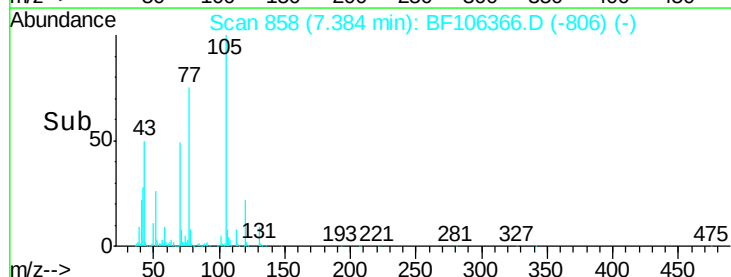
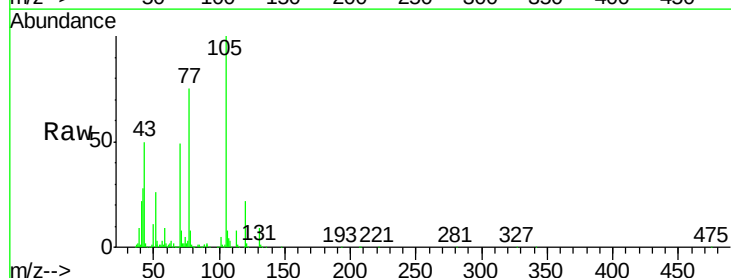
Manual Integrations
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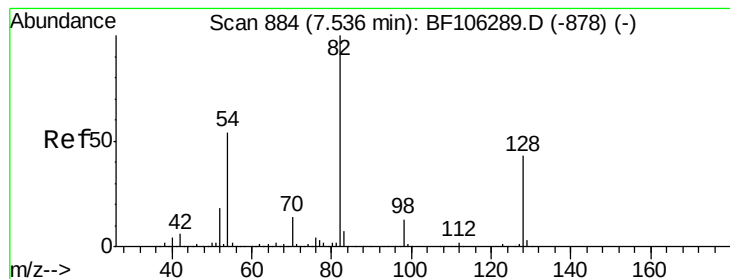
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#22
Acetophenone
Concen: 39.180 ng
RT: 7.38 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	8.0	4.4	6.6#
51	26.1	22.3	33.5
120	21.8	16.9	25.3





#23

Nitrobenzene-d5

Concen: 91.599 ng

RT: 7.54 min Scan# 885

Delta R.T. 0.01 min

Lab File: BF106366.D

Acq: 13 Jun 2018 1:26

Instrument :

BNA_F

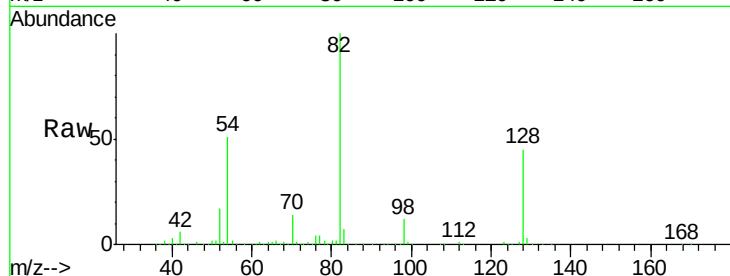
ClientSampleId :

PB110114BSD

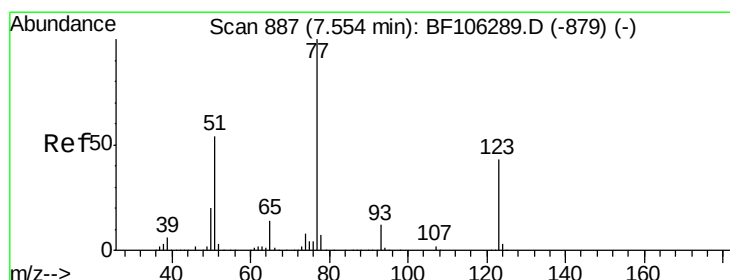
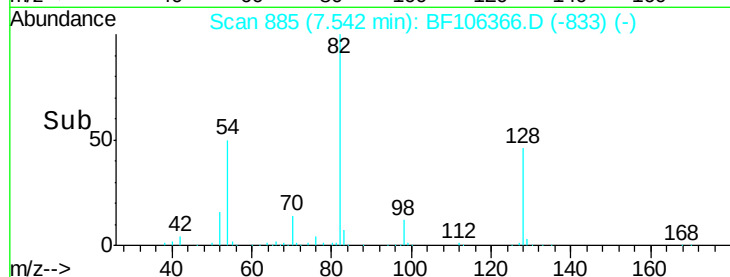
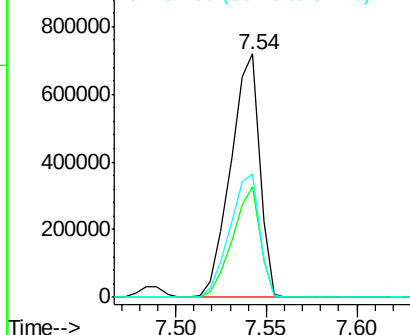
Tot Ion:	82	Resp:	798523
Ion Ratio	Lower	Upper	
82	100		
128	45.5	36.1	54.1
54	50.7	41.4	62.2

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



#24

Nitrobenzene

Concen: 41.165 ng

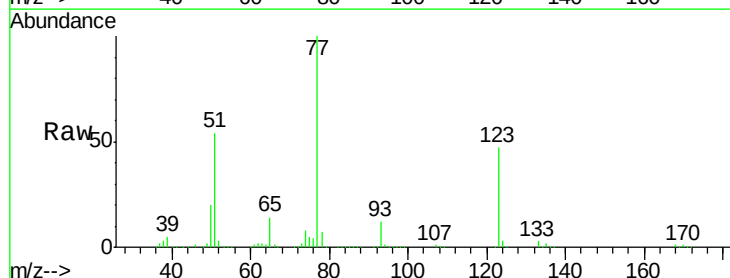
RT: 7.56 min Scan# 888

Delta R.T. 0.01 min

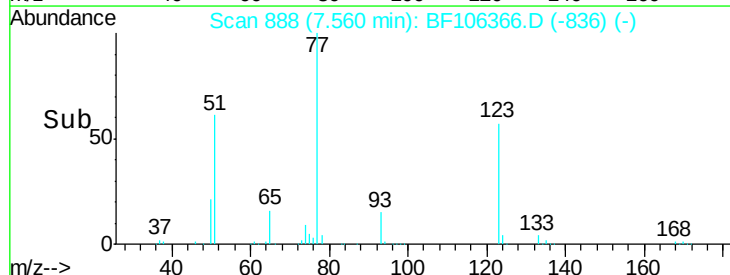
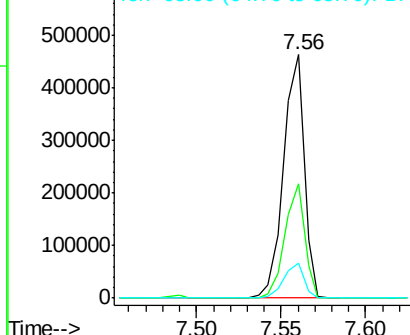
Lab File: BF106366.D

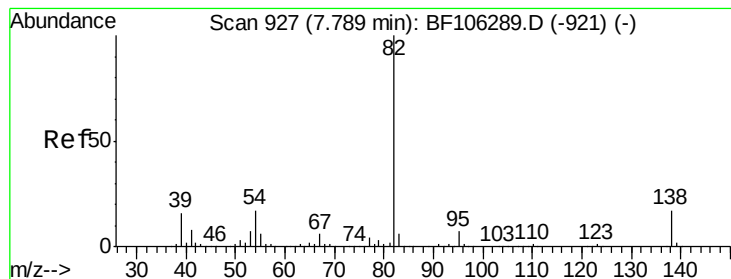
Acq: 13 Jun 2018 1:26

Tgt Ion:	77	Resp:	390045
Ion Ratio	Lower	Upper	
77	100		
123	47.1	37.9	56.9
65	14.3	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: 41.863 ng

RT: 7.80 min Scan# 928

Delta R.T. 0.01 min

Lab File: BF106366.D

Acq: 13 Jun 2018 1:26

Instrument :

BNA_F

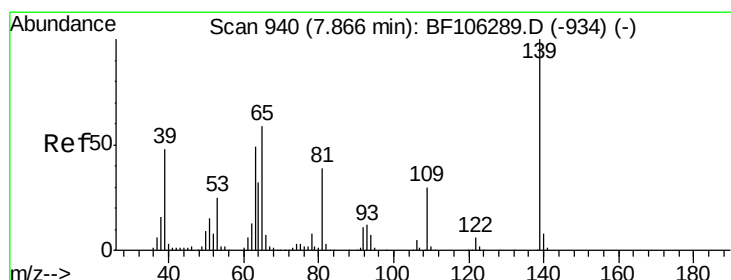
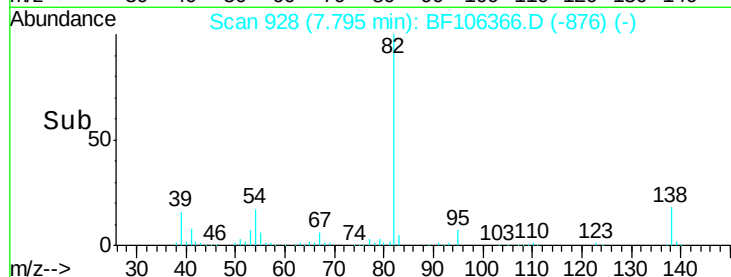
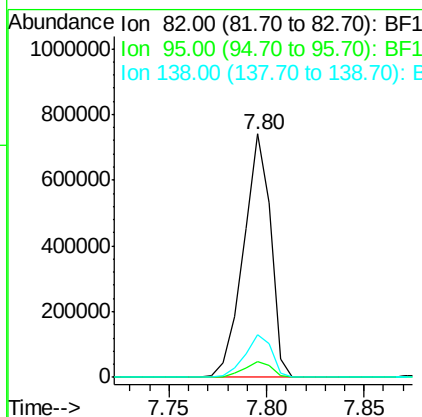
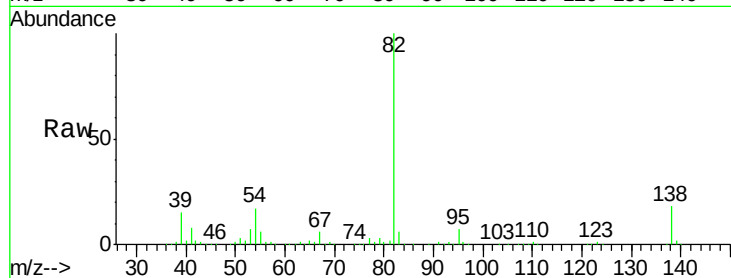
ClientSampleId :

PB110114BSD

Tot Ion:	82	Resp:	712821
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.2	7.8
138	17.7	14.9	22.3

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#26

2-Nitrophenol

Concen: 49.299 ng

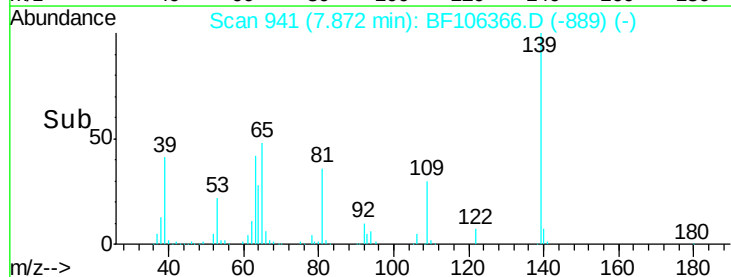
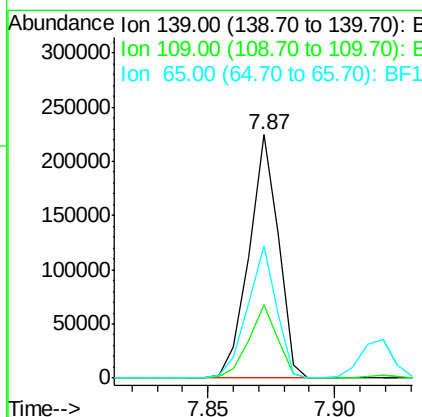
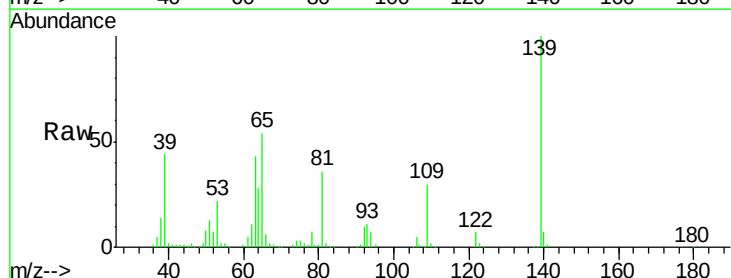
RT: 7.87 min Scan# 941

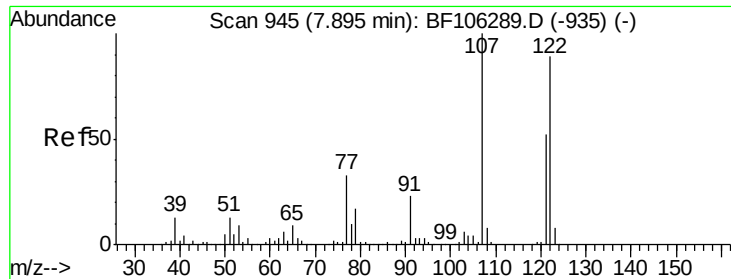
Delta R.T. 0.01 min

Lab File: BF106366.D

Acq: 13 Jun 2018 1:26

Tgt Ion:	139	Resp:	181309
Ion Ratio	Lower	Upper	
139	100		
109	30.2	22.7	34.1
65	54.4	40.5	60.7





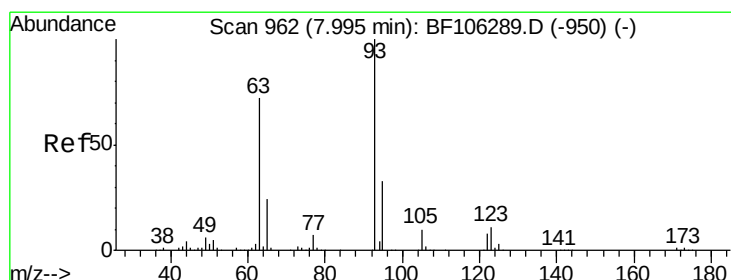
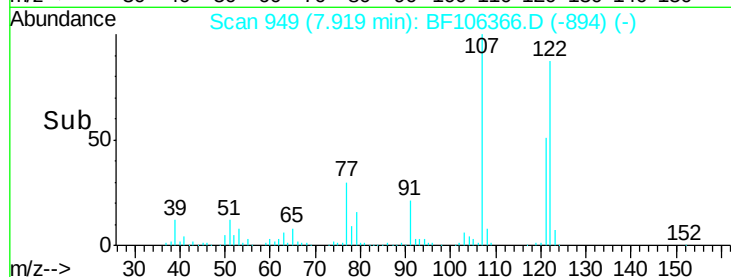
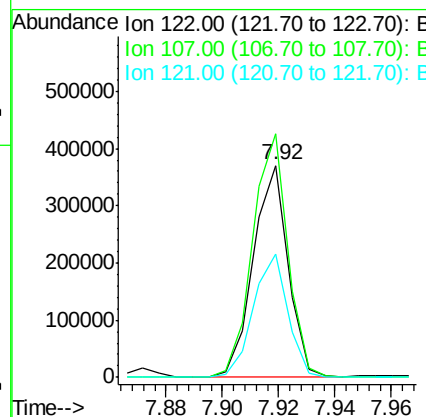
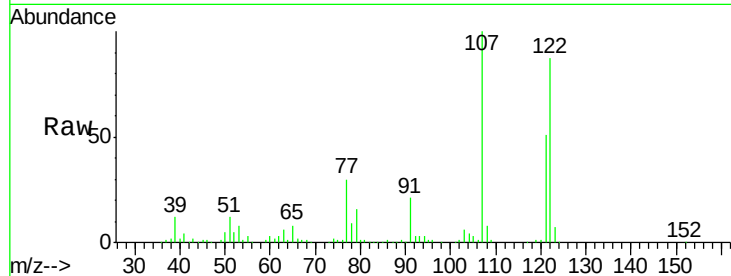
#27
2,4-Dimethylphenol
Concen: 44.120 ng
RT: 7.92 min Scan# 949
Delta R.T. 0.02 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Instrument :
BNA_F
ClientSampleId :
PB110114BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.9	91.2	136.8
121	58.4	47.2	70.8

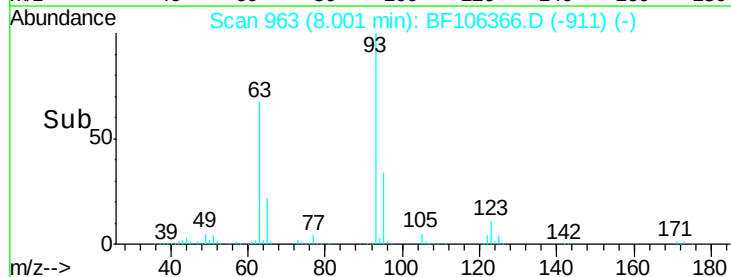
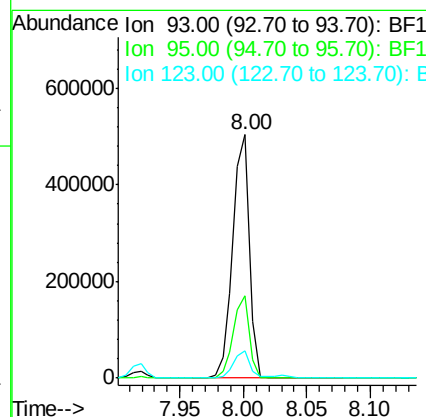
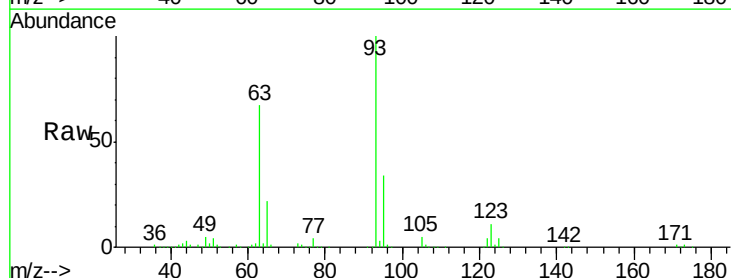
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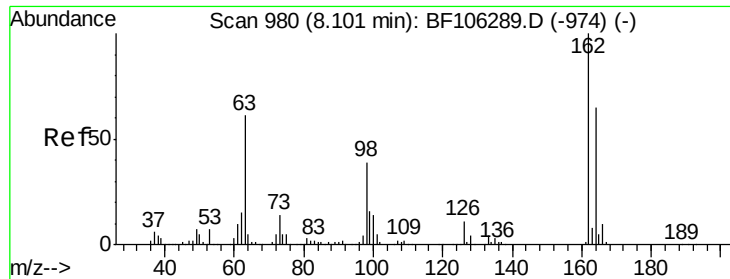
Sohil
6/13/2018 4:56:32 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.355 ng
RT: 8.00 min Scan# 963
Delta R.T. 0.01 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.8	26.3	39.5
123	11.1	9.8	14.6





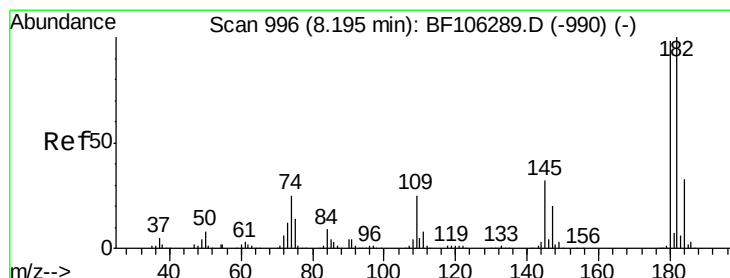
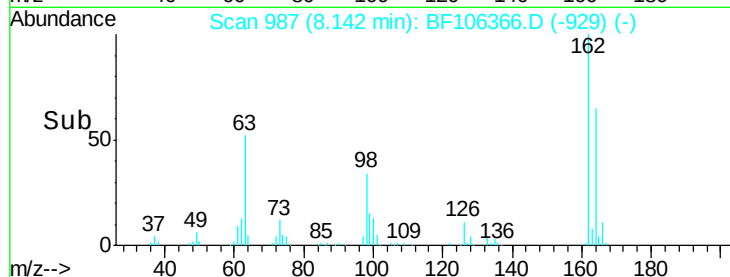
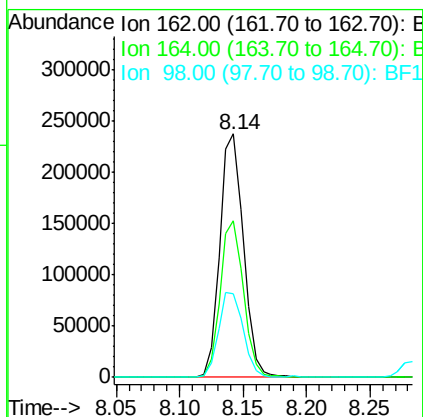
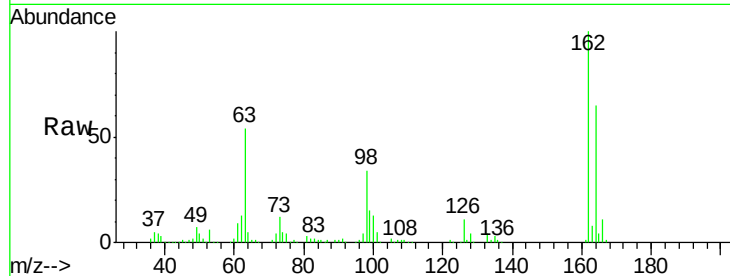
#29
2,4-Dichlorophenol
Concen: 44.264 ng
RT: 8.14 min Scan# 987
Delta R.T. 0.04 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Instrument :
BNA_F
ClientSampleId :
PB110114BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	307823		
164	64.5	42.7	82.7	
98	34.5	18.1	58.1	

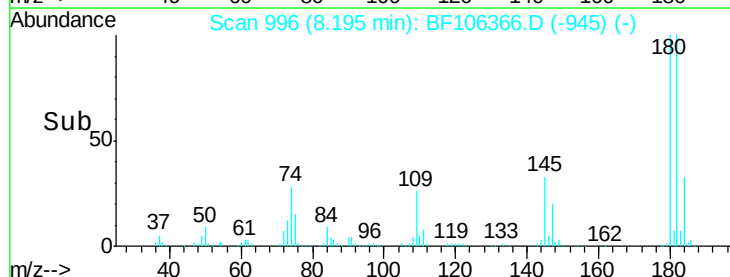
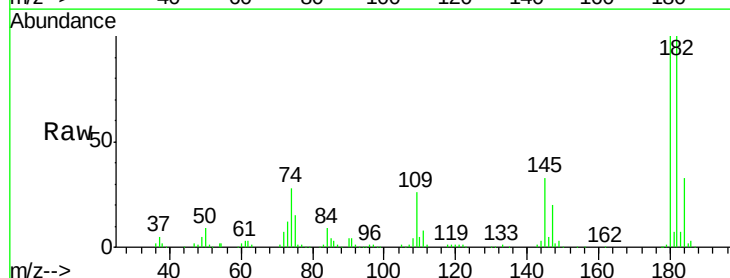
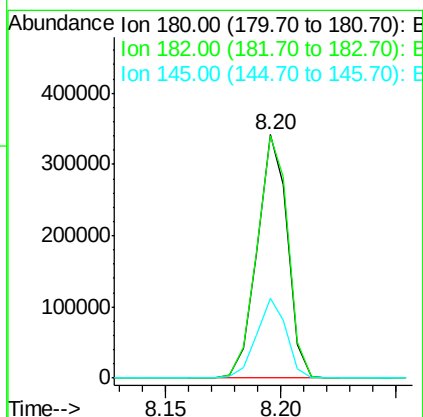
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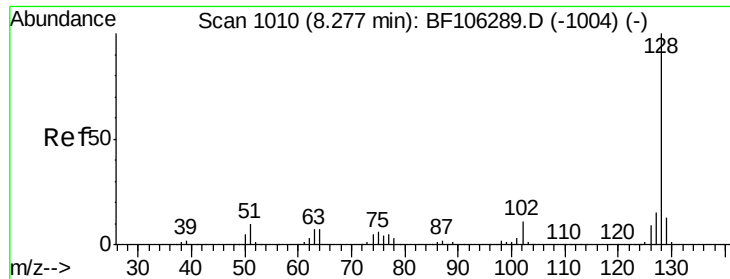
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#30
1,2,4-Trichlorobenzene
Concen: 40.002 ng
RT: 8.20 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	311917		
182	99.6	76.8	115.2	
145	32.9	26.5	39.7	





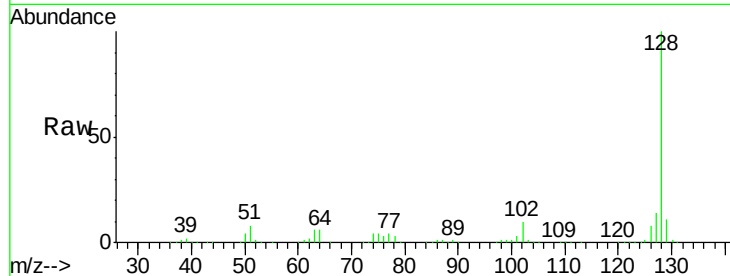
#31
Naphthalene
Concen: 40.474 ng
RT: 8.28 min Scan# 1011
Delta R.T. 0.01 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Instrument :
BNA_F
ClientSampled :
PB110114BSD

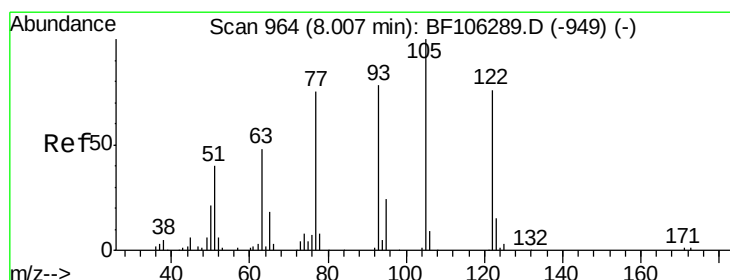
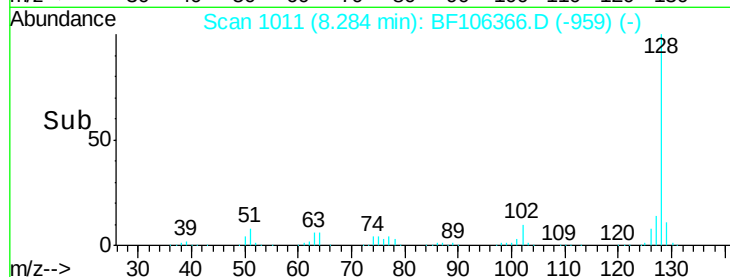
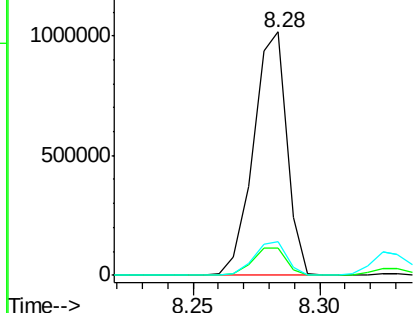
Tot Ion	Ratio	Resp	Lower	Upper
128	100	938322		
129	11.3	8.8	13.2	
127	13.8	10.9	16.3	

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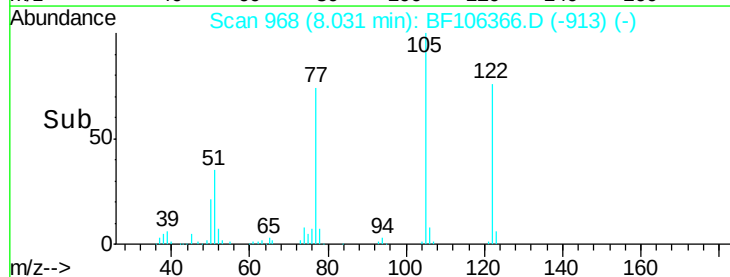
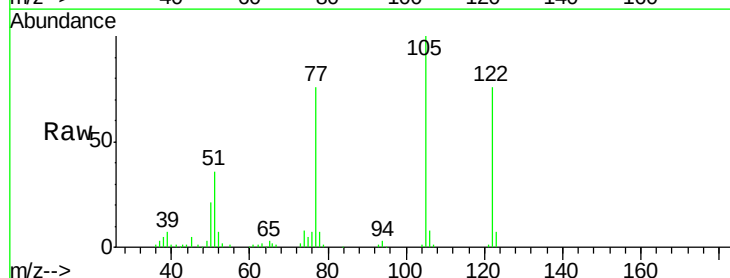
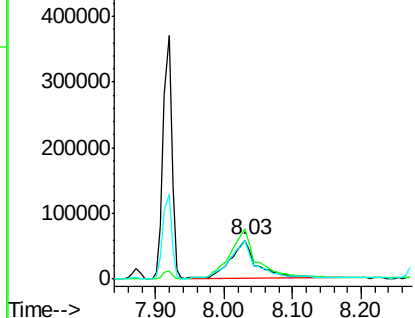
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

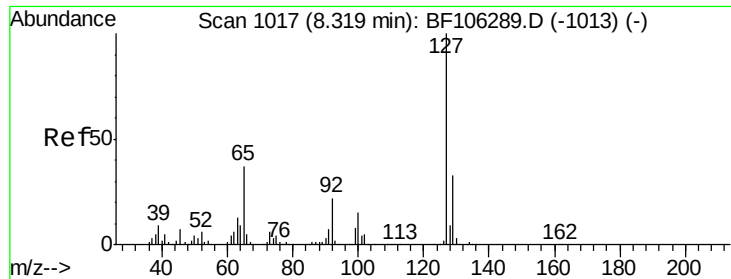


#32
Benzoic acid
Concen: 31.698 ng
RT: 8.03 min Scan# 968
Delta R.T. 0.02 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	153009		
105	130.8	101.1	141.1	
77	99.3	70.7	110.7	

Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





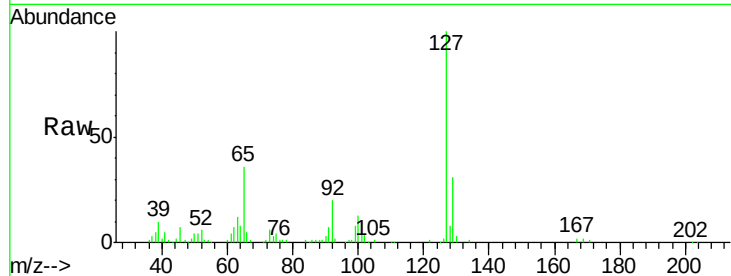
#33
4-Chloroaniline
Concen: 11.097 ng
RT: 8.32 min Scan# 1018
Delta R.T. 0.01 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Instrument :
BNA_F
ClientSampleId :
PB110114BSD

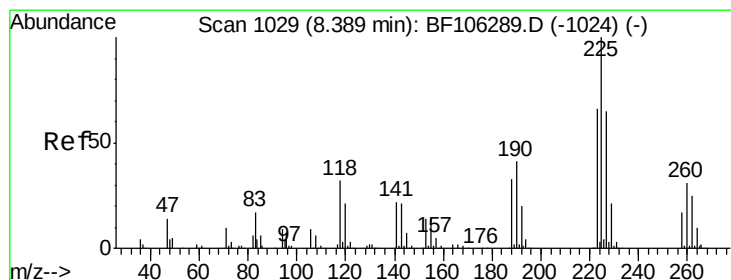
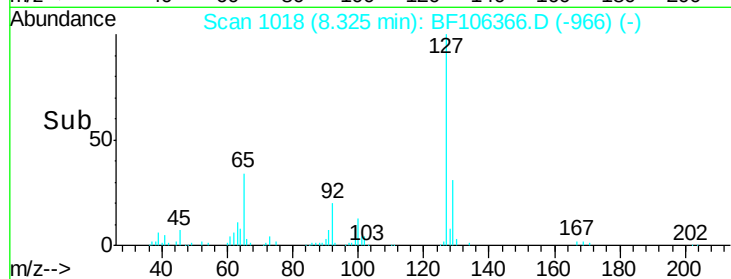
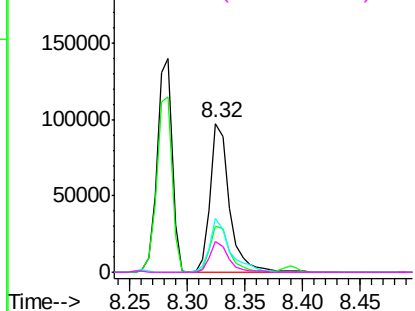
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.9		25.9	38.9	
65	35.9		25.0	37.4	
92	20.3		15.2	22.8	

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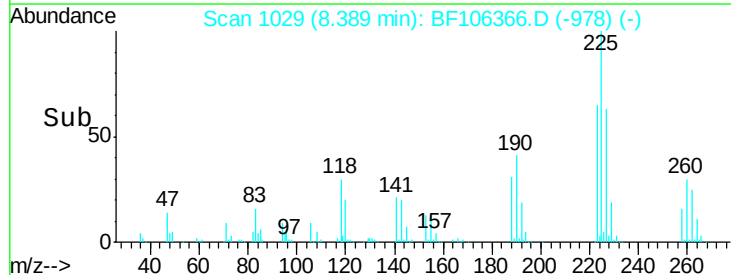
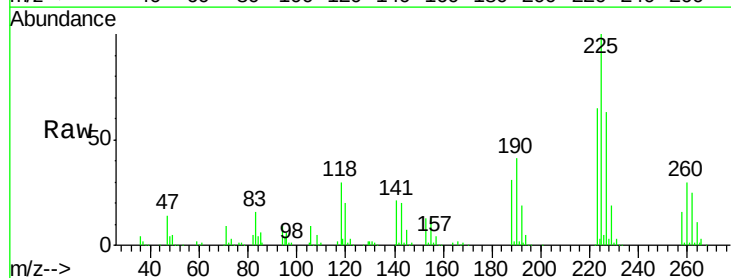
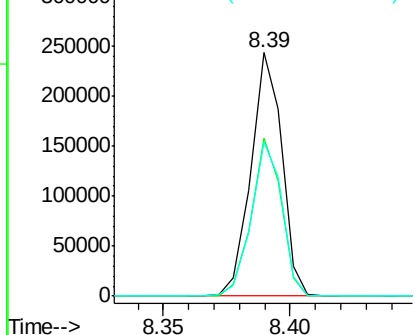
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

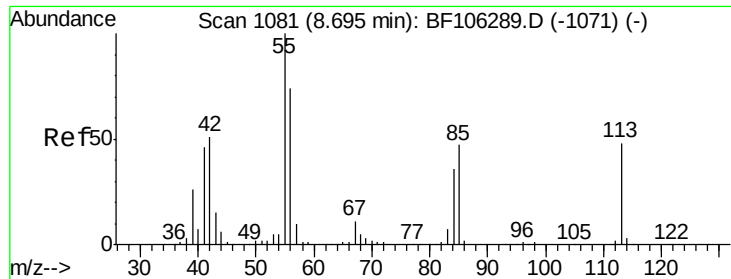


#34
Hexachlorobutadiene
Concen: 41.382 ng
RT: 8.39 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.8		50.6	76.0	
227	63.1		51.9	77.9	

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 38.398 ng

RT: 8.70 min Scan# 1081

Delta R.T. 0.00 min

Lab File: BF106366.D

Acq: 13 Jun 2018 1:26

Instrument :

BNA_F

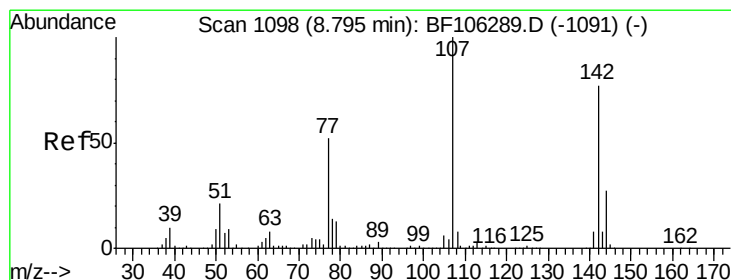
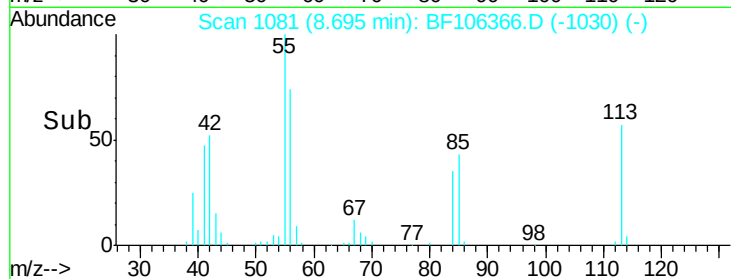
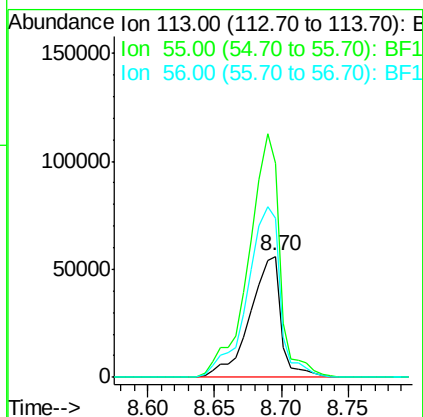
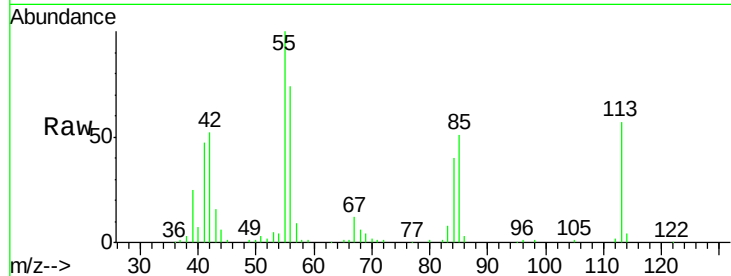
ClientSampleId :

PB110114BSD

Tot Ion:	113	Resp:	90321
Ion	Ratio	Lower	Upper
113	100		
55	176.8	163.3	203.3
56	131.4	115.7	155.7

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6/13/2018 4:56:32 PM



#36

4-Chloro-3-methylphenol

Concen: 38.606 ng

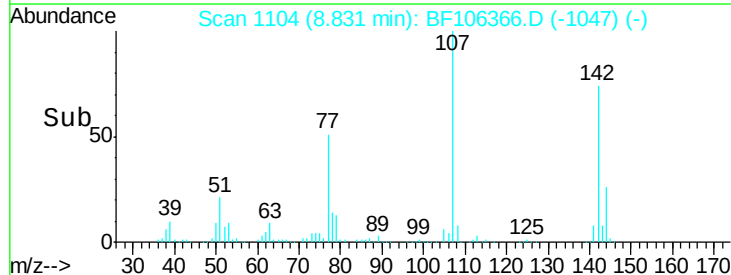
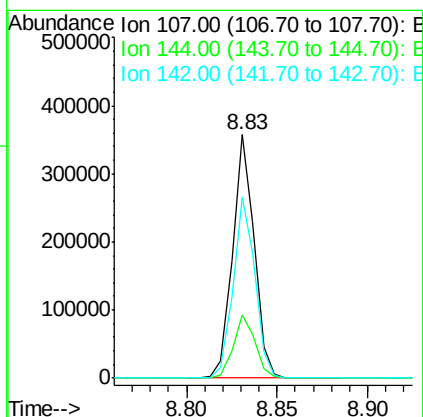
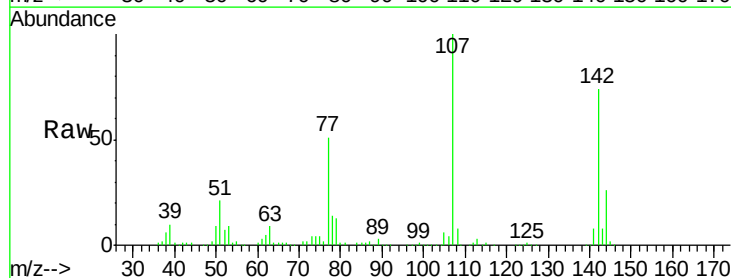
RT: 8.83 min Scan# 1104

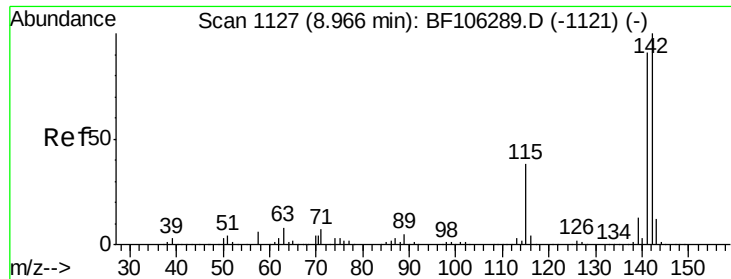
Delta R.T. 0.04 min

Lab File: BF106366.D

Acq: 13 Jun 2018 1:26

Tgt Ion:	107	Resp:	296979
Ion	Ratio	Lower	Upper
107	100		
144	26.2	20.5	30.7
142	74.1	62.0	93.0





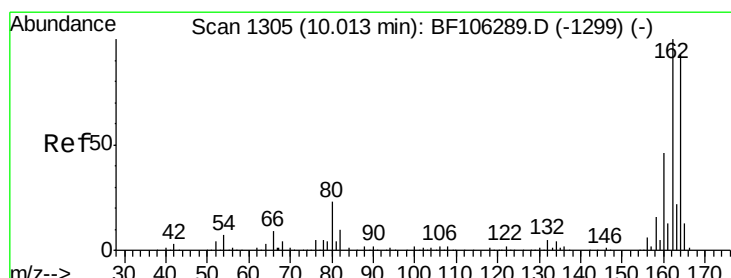
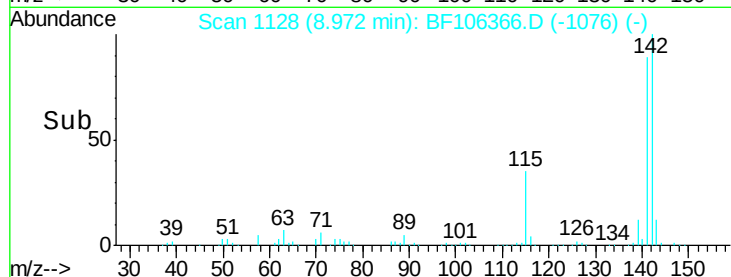
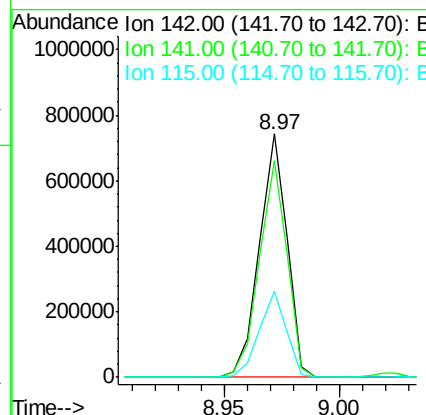
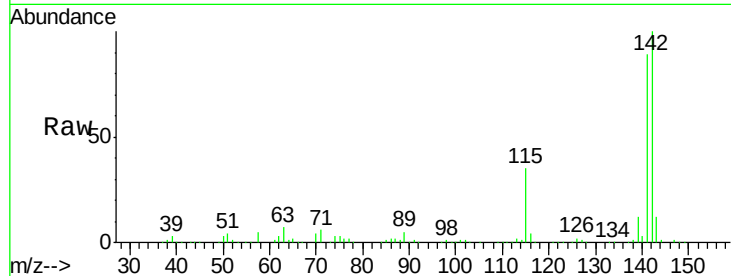
#37
2-Methylnaphthalene
Concen: 39.621 ng
RT: 8.97 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Instrument :
BNA_F
ClientSampleId :
PB110114BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.8	106.2
115	35.3	26.1	39.1

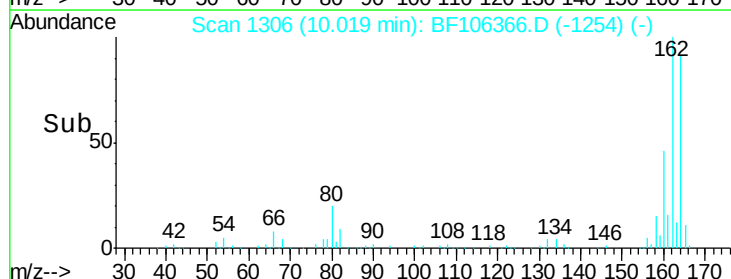
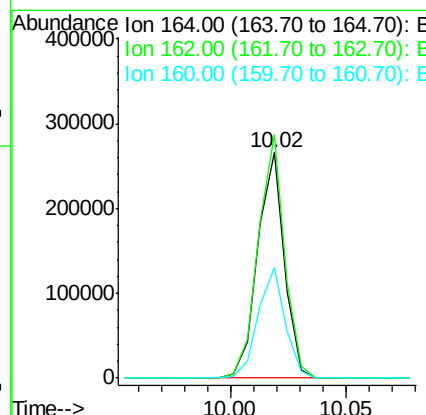
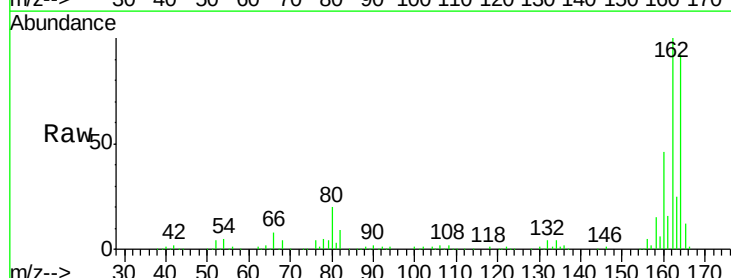
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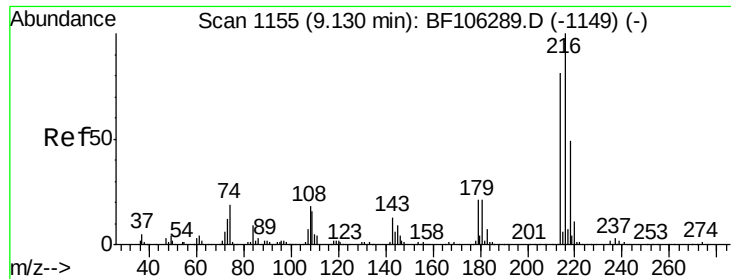
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.1	86.1	129.1
160	49.3	38.3	57.5





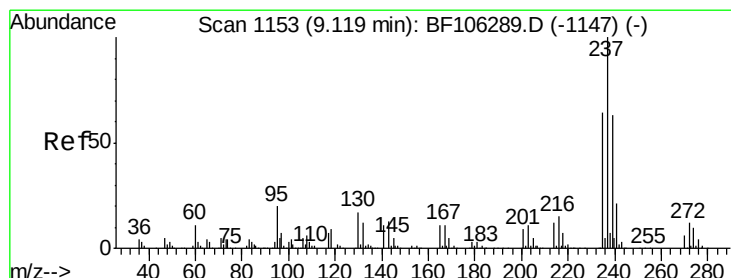
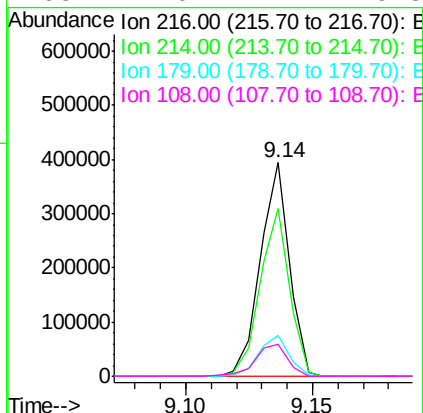
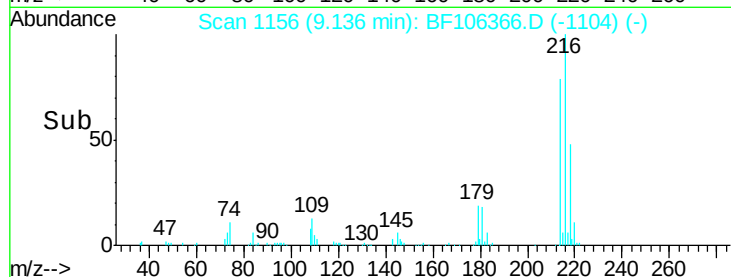
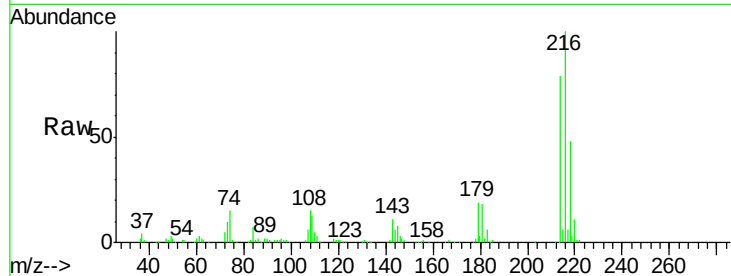
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.948 ng
 RT: 9.14 min Scan# 1156
 Delta R.T. 0.01 min
 Lab File: BF106366.D
 Acq: 13 Jun 2018 1:26

Instrument :
 BNA_F
 ClientSampleId :
 PB110114BSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.5	63.0	94.4
179	19.7	18.1	27.1
108	17.0	17.2	25.8

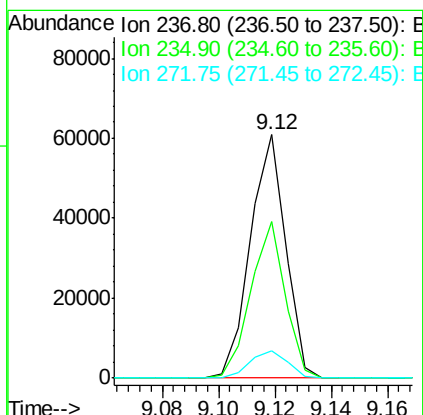
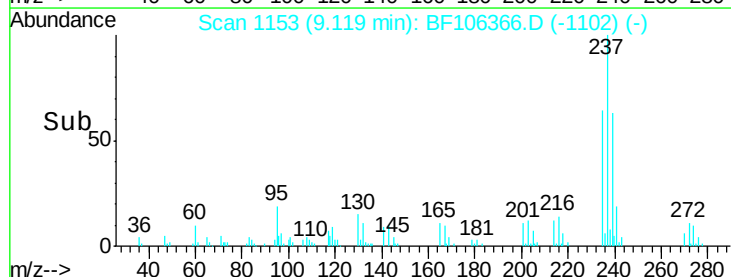
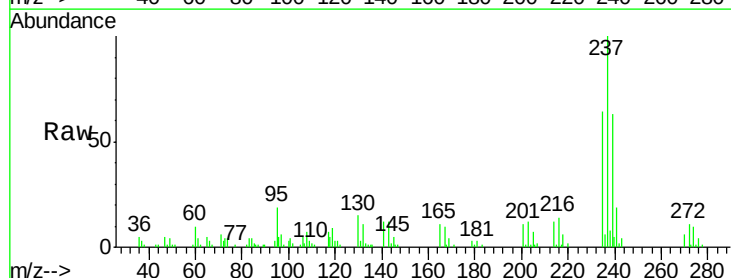
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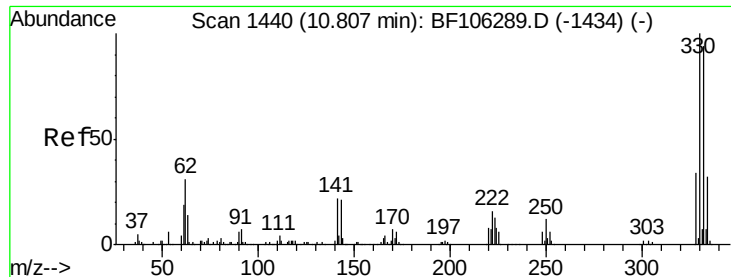
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#40
 Hexachlorocyclopentadiene
 Concen: 13.717 ng
 RT: 9.12 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BF106366.D
 Acq: 13 Jun 2018 1:26

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	64.5	44.8	84.8
272	11.5	0.0	33.3





#41

2,4,6-Tribromophenol

Concen: 141.348 ng

RT: 10.81 min Scan# 1441

Delta R.T. 0.01 min

Lab File: BF106366.D

Acq: 13 Jun 2018 1:26

Instrument :

BNA_F

ClientSampleId :

PB110114BSD

Tot Ion:330 Resp: 291852
Ion Ratio Lower Upper

330 100

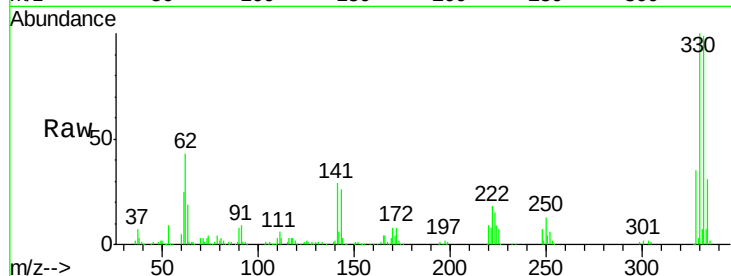
332 97.3 77.0 115.6

141 29.3 29.9 44.9#

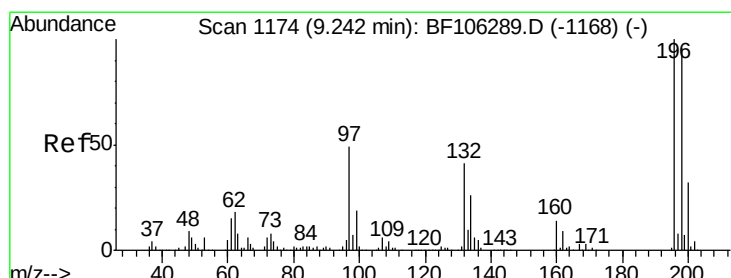
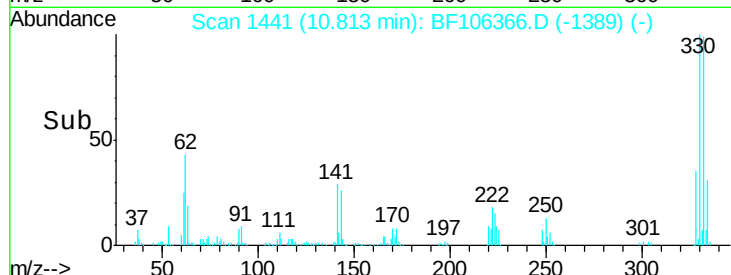
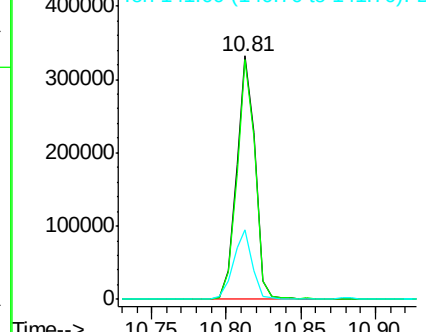
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 46.357 ng

RT: 9.26 min Scan# 1177

Delta R.T. 0.02 min

Lab File: BF106366.D

Acq: 13 Jun 2018 1:26

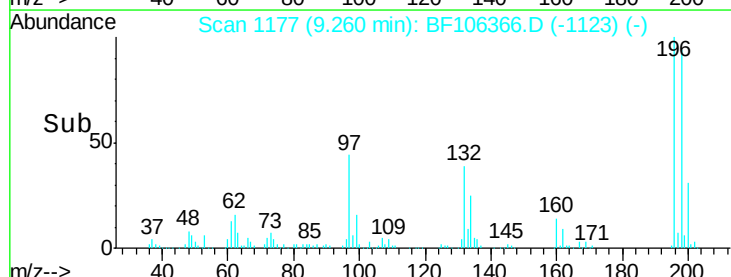
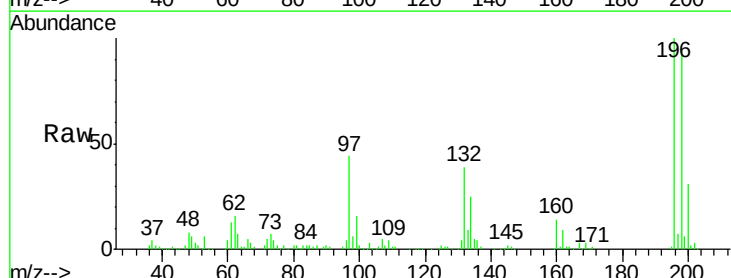
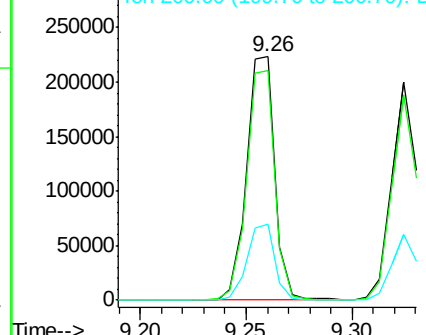
Tgt Ion:196 Resp: 205802
Ion Ratio Lower Upper

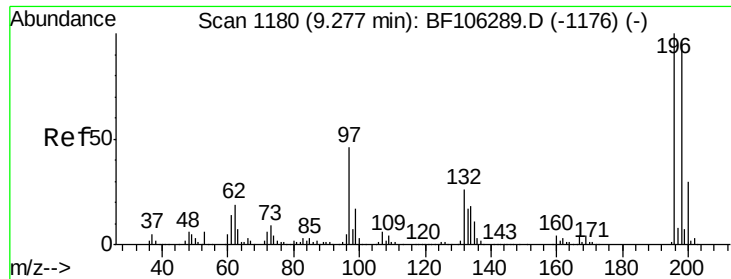
196 100

198 94.4 75.7 113.5

200 31.1 24.5 36.7

Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





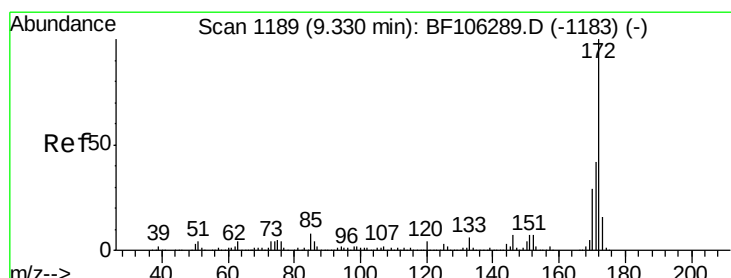
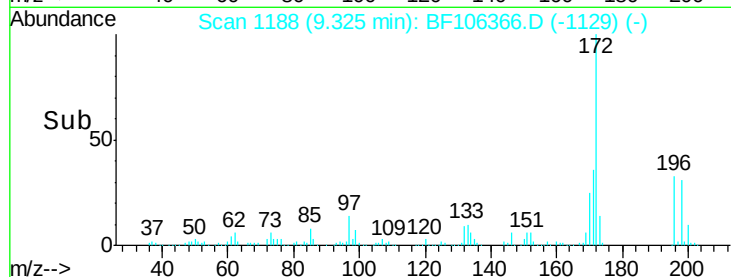
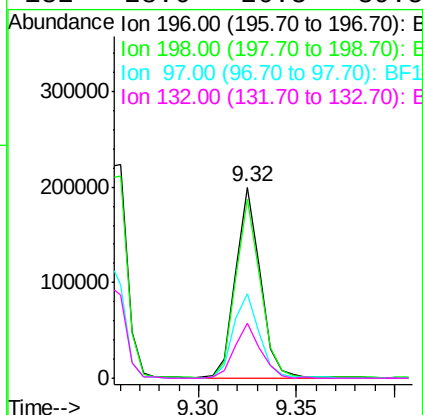
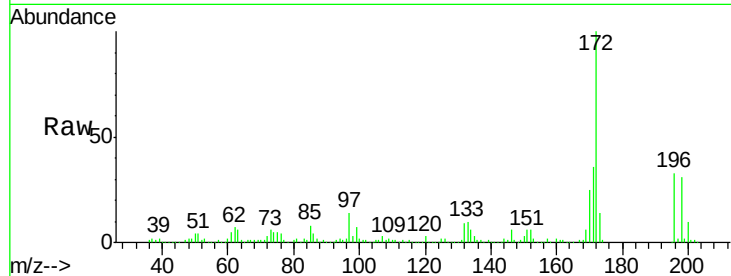
#43
 2,4,5-Trichlorophenol
 Concen: 36.840 ng m
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.05 min
 Lab File: BF106366.D
 Acq: 13 Jun 2018 1:26

Instrument :
 BNA_F
 ClientSampleId :
 PB110114BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	176313		
198	94.2	74.6	112.0	
97	44.4	42.9	64.3	
132	28.6	26.3	39.5	

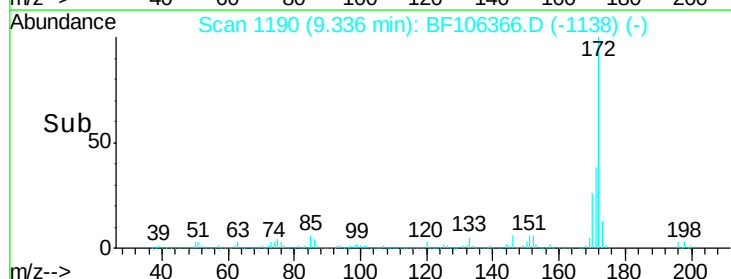
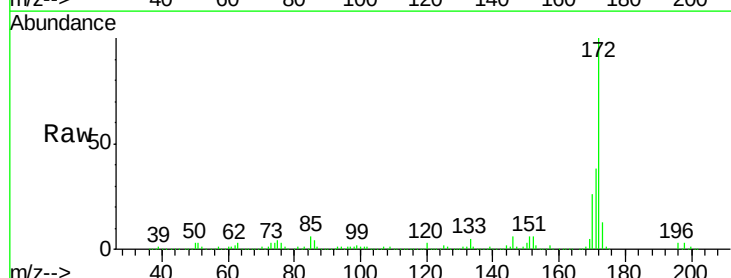
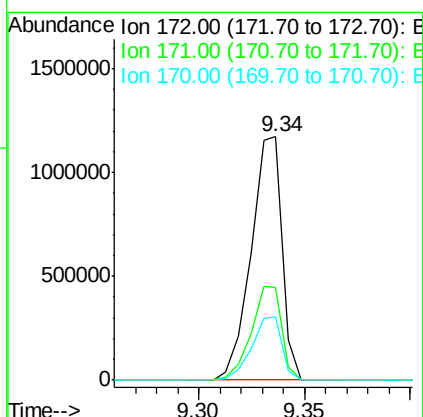
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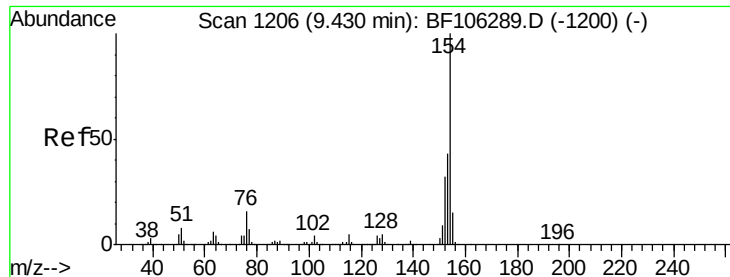
Sohil
 6/13/2018 4:56:32 PM



#44
 2-Fluorobiphenyl
 Concen: 107.389 ng
 RT: 9.34 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF106366.D
 Acq: 13 Jun 2018 1:26

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1197126		
171	37.9	29.7	44.5	
170	26.1	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 43.636 ng

RT: 9.44 min Scan# 1207

Delta R.T. 0.01 min

Lab File: BF106366.D

Acq: 13 Jun 2018 1:26

Instrument :

BNA_F

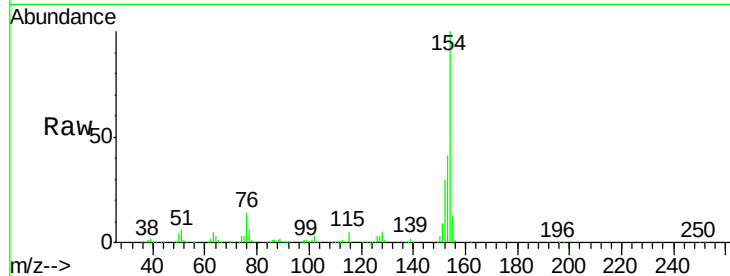
ClientSampleId :

PB110114BSD

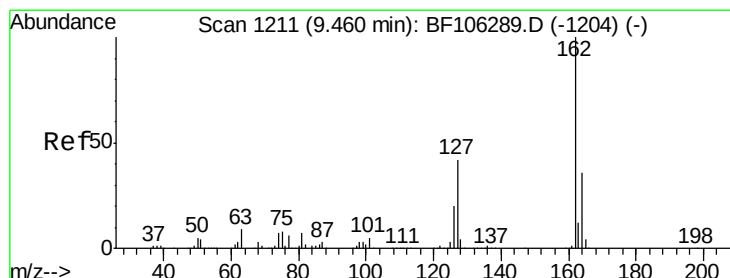
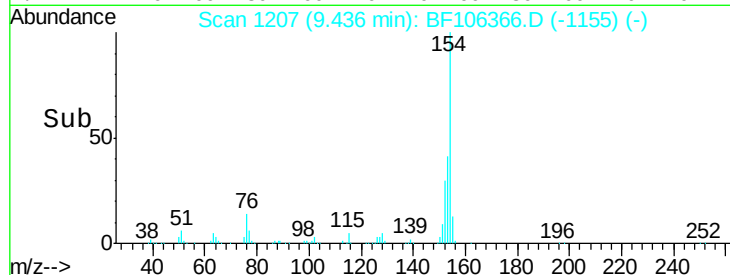
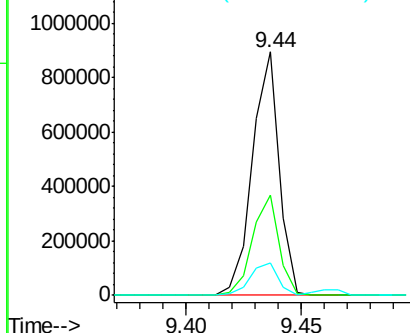
Tot Ion:	154	Resp:	725295
Ion Ratio	Lower	Upper	
154	100		
153	41.1	21.3	61.3
76	13.5	0.0	34.0

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



#46

2-Chloronaphthalene

Concen: 42.530 ng

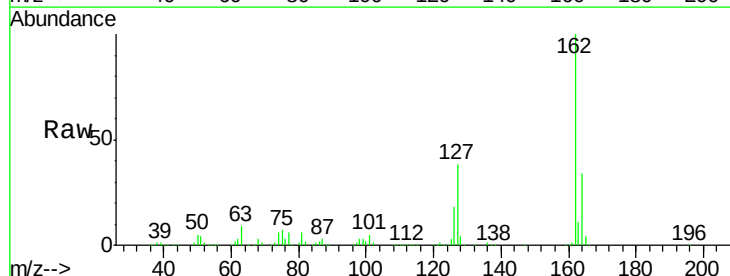
RT: 9.47 min Scan# 1212

Delta R.T. 0.01 min

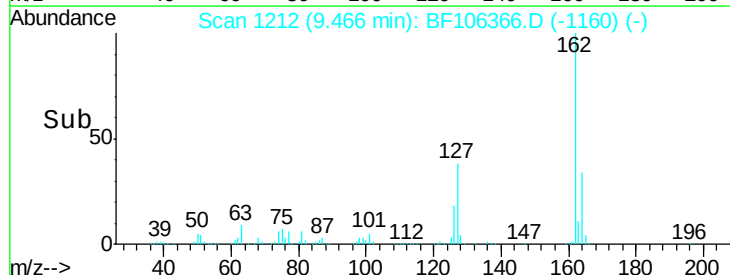
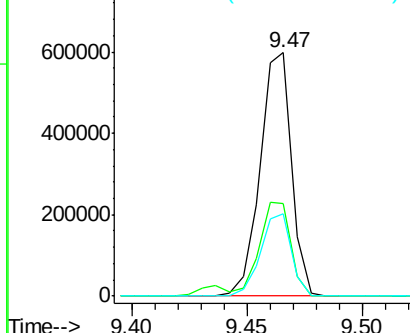
Lab File: BF106366.D

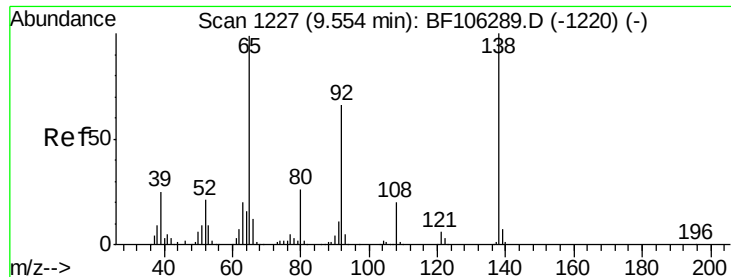
Acq: 13 Jun 2018 1:26

Tgt Ion:	162	Resp:	565707
Ion Ratio	Lower	Upper	
162	100		
127	37.8	33.9	50.9
164	33.6	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





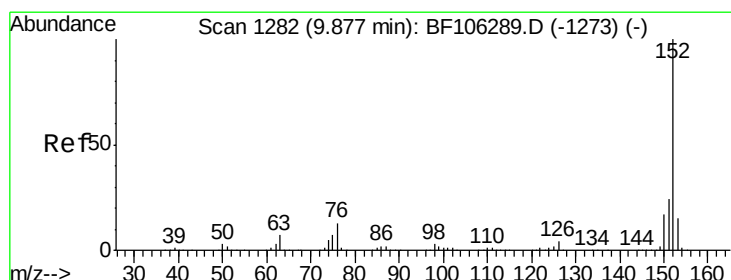
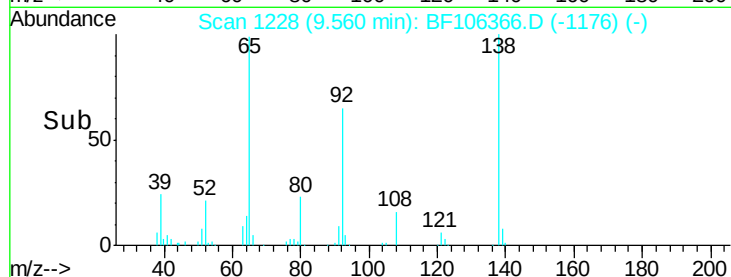
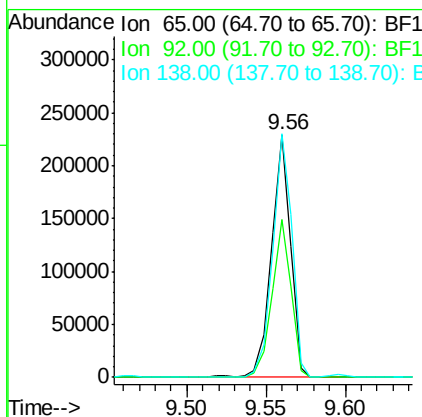
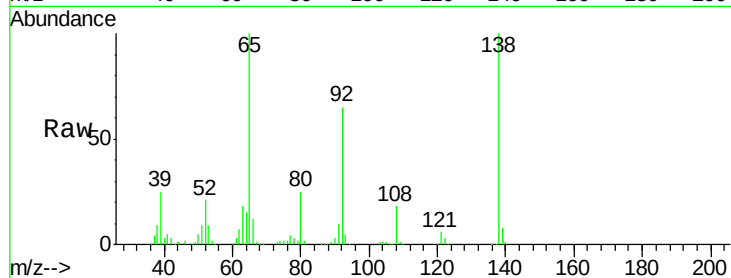
#47
2-Nitroaniline
Concen: 46.499 ng
RT: 9.56 min Scan# 1228
Delta R.T. 0.01 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Instrument :
BNA_F
ClientSampleId :
PB110114BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.8	55.8	83.6
138	100.3	91.2	136.8

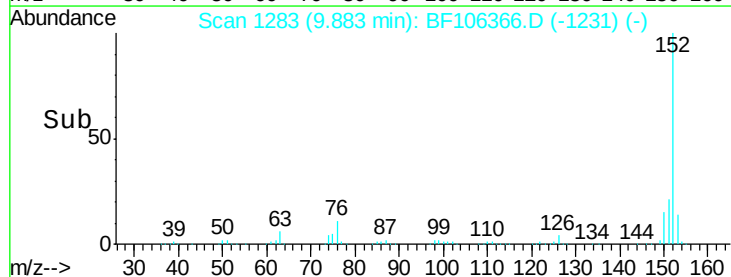
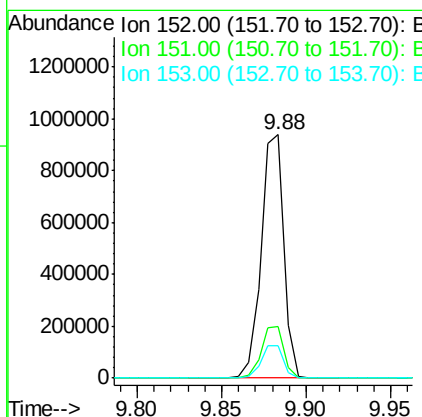
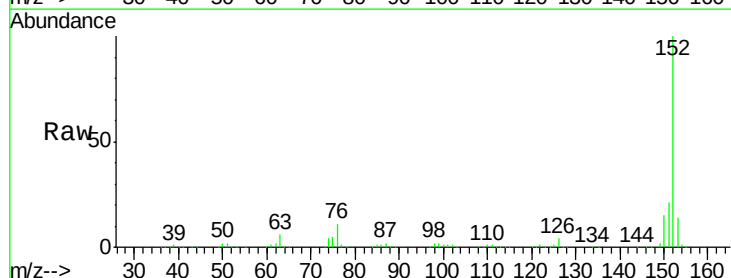
Manual Integrations
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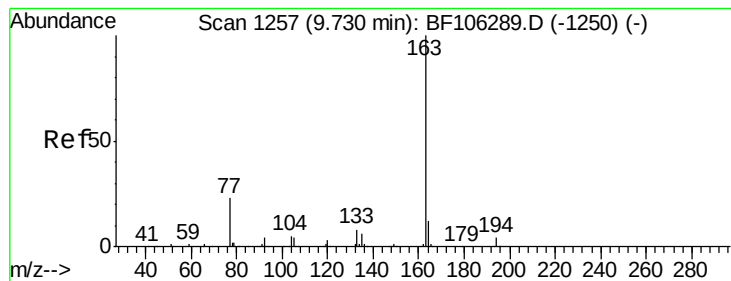
Sohil
6/13/2018 4:56:32 PM



#48
Acenaphthylene
Concen: 42.953 ng
RT: 9.88 min Scan# 1283
Delta R.T. 0.01 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.3	24.5
153	13.6	10.7	16.1





#49

Dimethylphthalate

Concen: 45.260 ng

RT: 9.73 min Scan# 1257

Delta R.T. 0.00 min

Lab File: BF106366.D

Acq: 13 Jun 2018 1:26

Instrument :

BNA_F

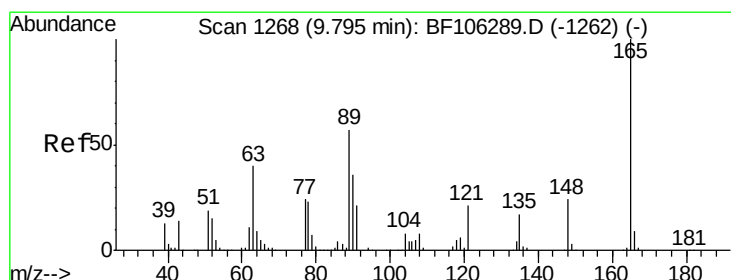
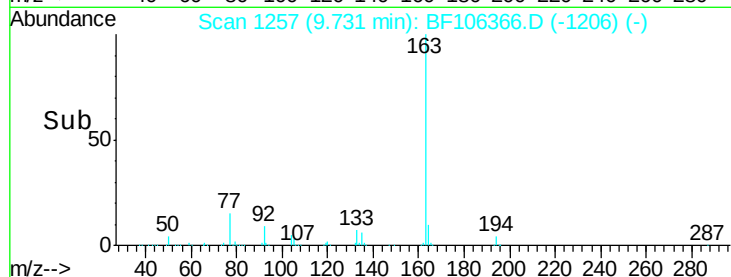
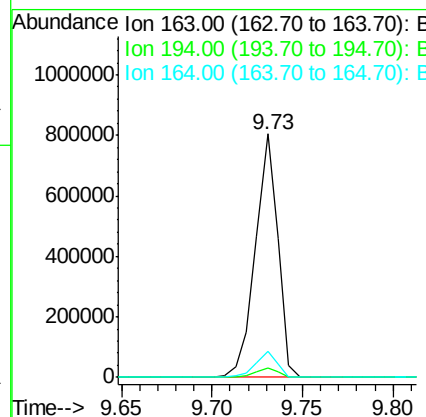
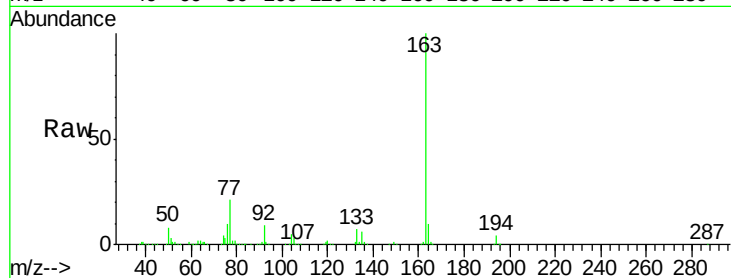
ClientSampled :

PB110114BSD

Tot Ion:	163	Resp:	693913
Ion Ratio	Lower	Upper	
163	100		
194	3.6	2.7	4.1
164	10.5	8.2	12.2

Manual Integrations
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#50

2,6-Dinitrotoluene

Concen: 43.532 ng

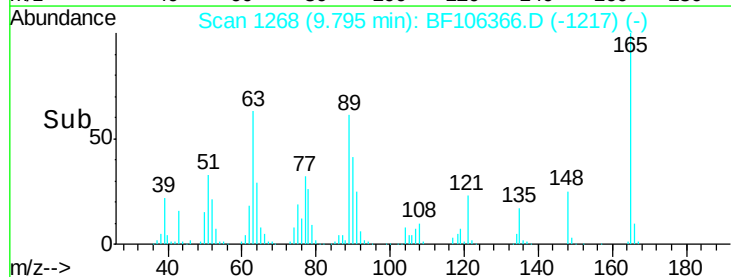
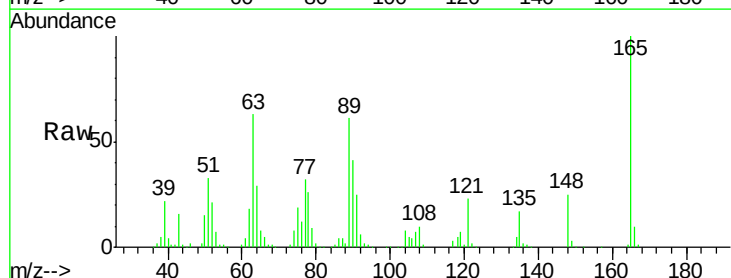
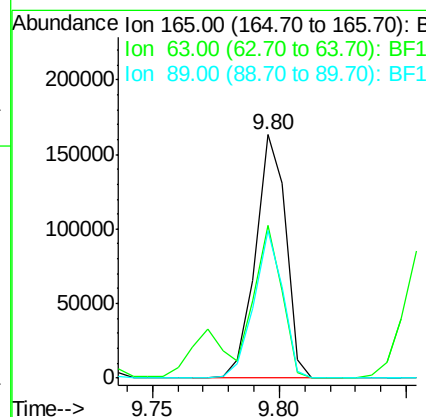
RT: 9.80 min Scan# 1268

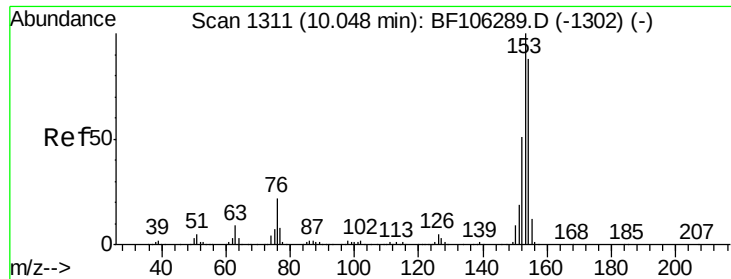
Delta R.T. 0.00 min

Lab File: BF106366.D

Acq: 13 Jun 2018 1:26

Tgt Ion:	165	Resp:	136330
Ion Ratio	Lower	Upper	
165	100		
63	62.6	44.7	67.1
89	60.7	44.0	66.0





#51

Acenaphthene

Concen: 39.389 ng

RT: 10.05 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF106366.D

Acq: 13 Jun 2018 1:26

Instrument :

BNA_F

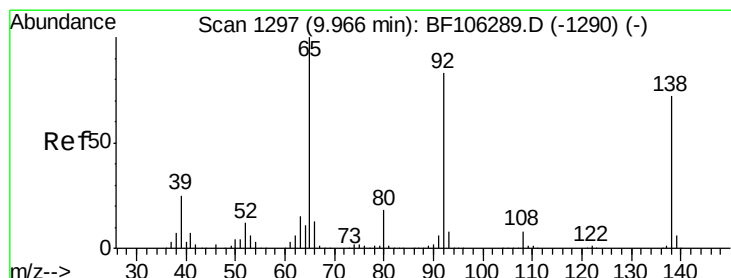
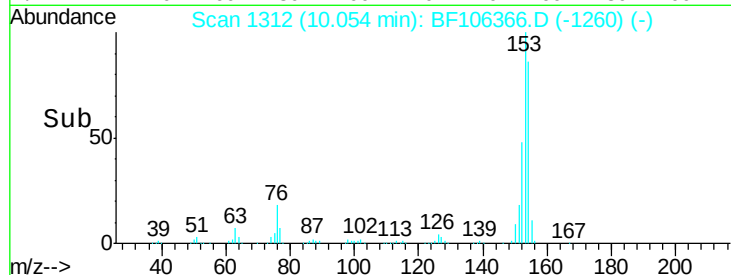
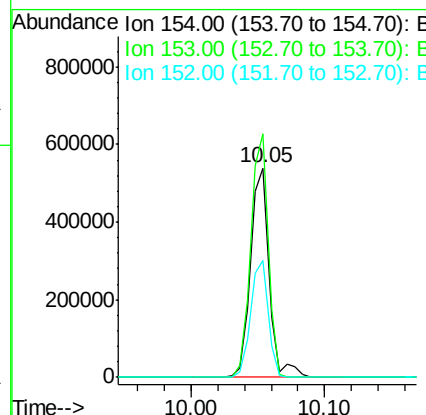
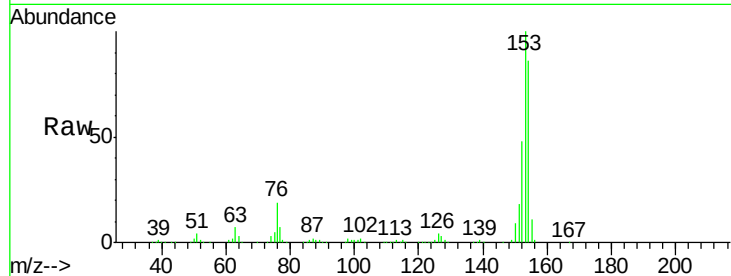
ClientSampleId :

PB110114BSD

Tot Ion:	154	Resp:	517905
Ion Ratio	Lower	Upper	
154	100		
153	116.2	91.2	136.8
152	55.6	43.8	65.8

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#52

3-Nitroaniline

Concen: 26.928 ng

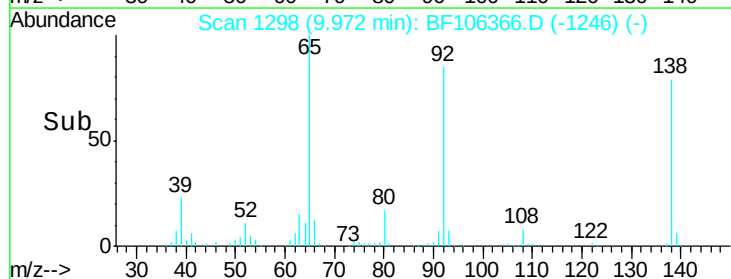
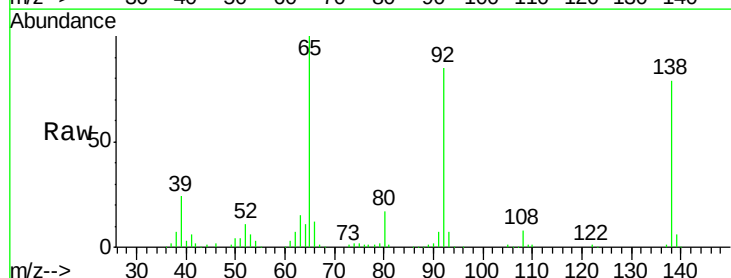
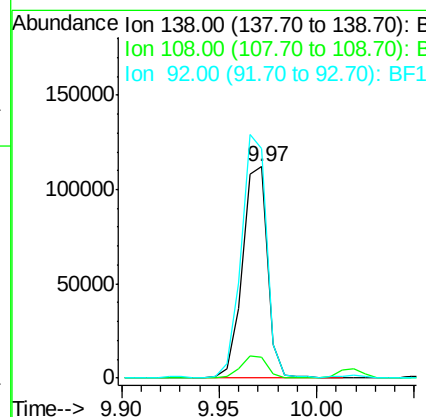
RT: 9.97 min Scan# 1298

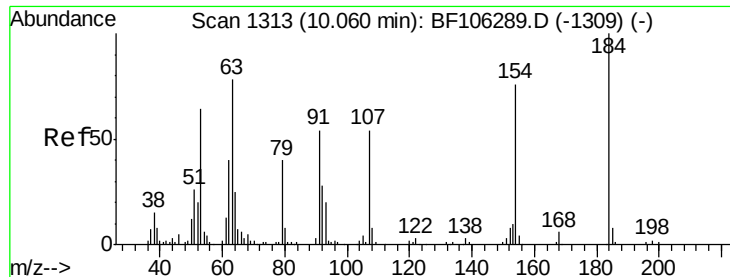
Delta R.T. 0.01 min

Lab File: BF106366.D

Acq: 13 Jun 2018 1:26

Tgt Ion:	138	Resp:	100091
Ion Ratio	Lower	Upper	
138	100		
108	10.0	9.4	14.0
92	108.5	89.4	134.2





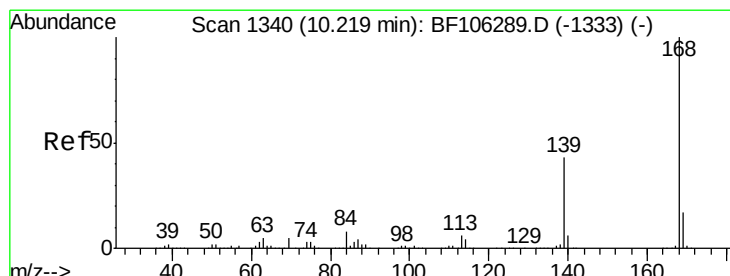
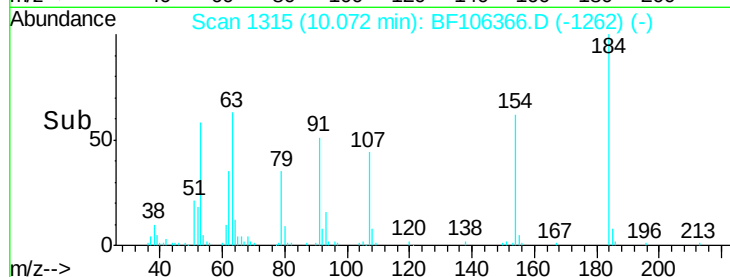
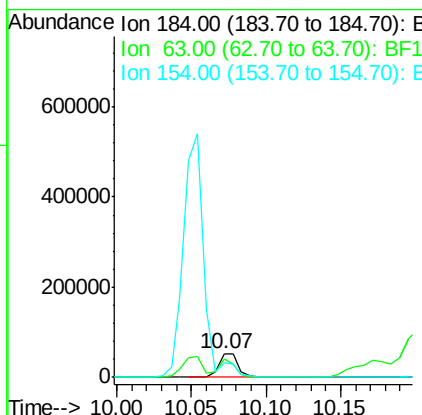
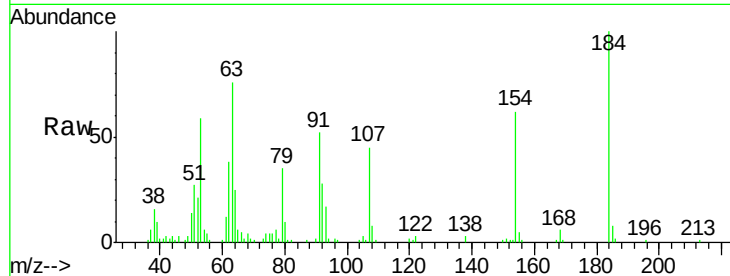
#53
2,4-Dinitrophenol
Concen: 39.697 ng
RT: 10.07 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Instrument :
BNA_F
ClientSampleId :
PB110114BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	76.5	54.2	81.2
154	61.8	184.0	276.0#

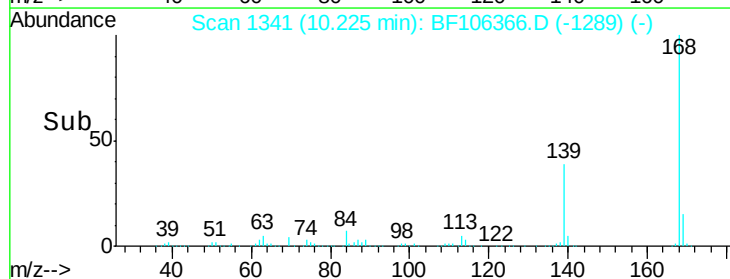
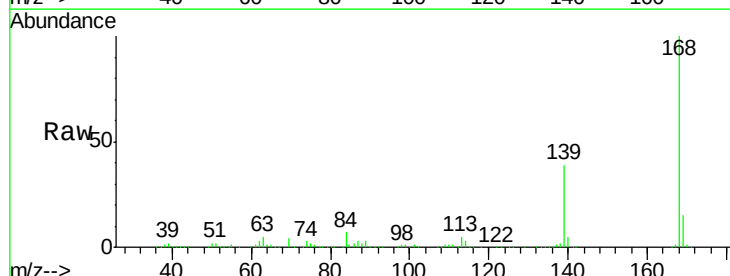
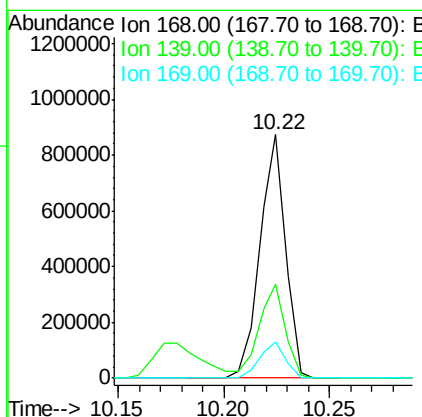
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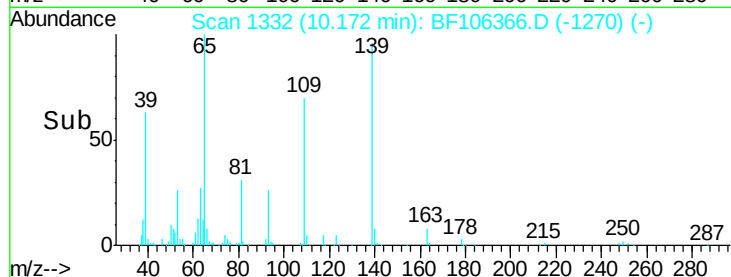
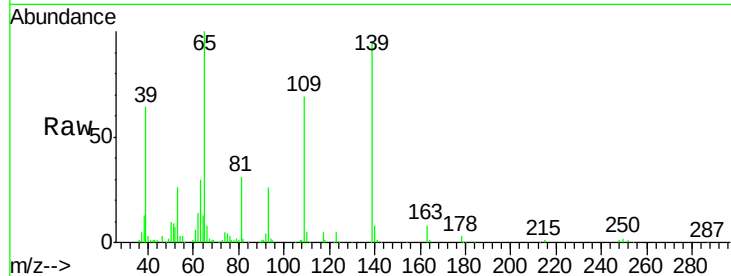
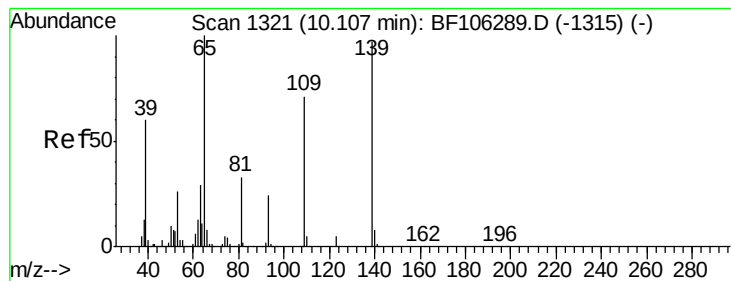
Sohil
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#54
Dibenzofuran
Concen: 41.514 ng
RT: 10.22 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.6	30.1	45.1
169	15.1	10.9	16.3





#55

4-Nitrophenol

Concen: 67.715 ng

RT: 10.17 min Scan# 1332

Delta R.T. 0.06 min

Lab File: BF106366.D

Acq: 13 Jun 2018 1:26

Instrument :

BNA_F

ClientSampleId :

PB110114BSD

Tot Ion:139 Resp: 192926

Ion Ratio Lower Upper

139 100

109 72.9 48.4 88.4

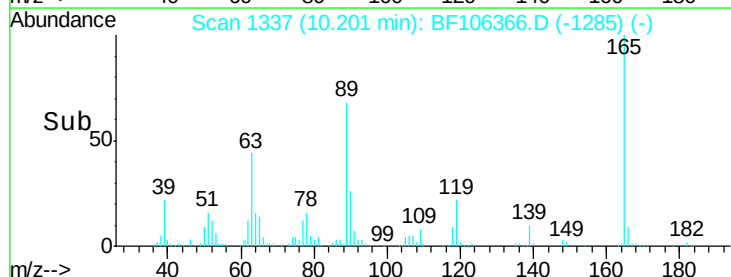
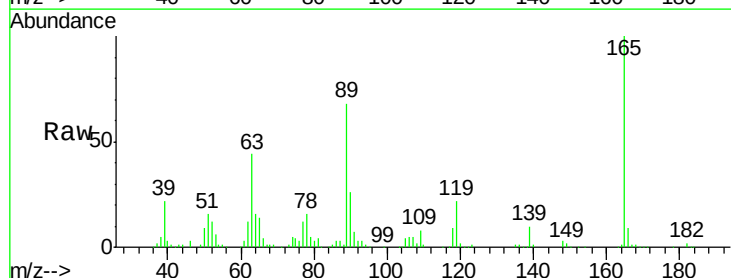
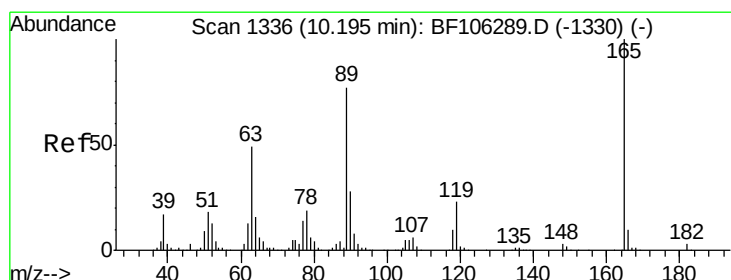
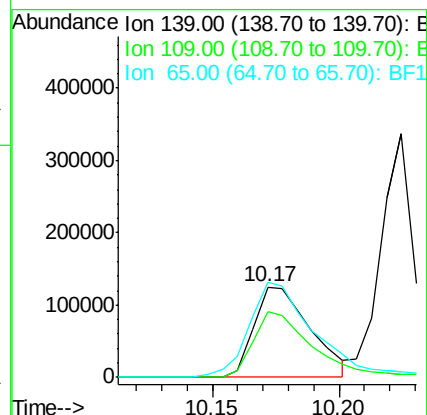
65 105.2 72.6 112.6

Manual Integrations

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#56

2,4-Dinitrotoluene

Concen: 44.331 ng

RT: 10.20 min Scan# 1337

Delta R.T. 0.01 min

Lab File: BF106366.D

Acq: 13 Jun 2018 1:26

Tgt Ion:165 Resp: 174342

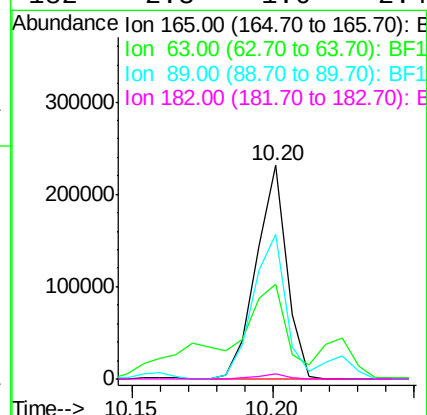
Ion Ratio Lower Upper

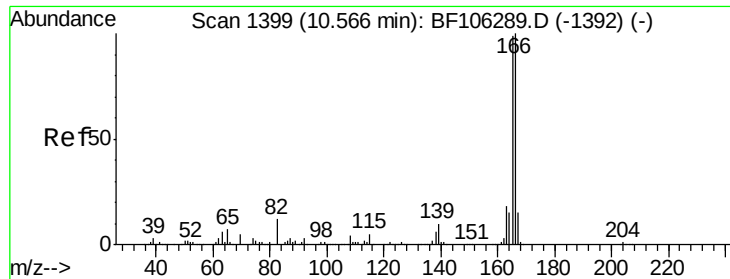
165 100

63 44.1 36.4 54.6

89 67.7 57.8 86.6

182 2.3 1.6 2.4





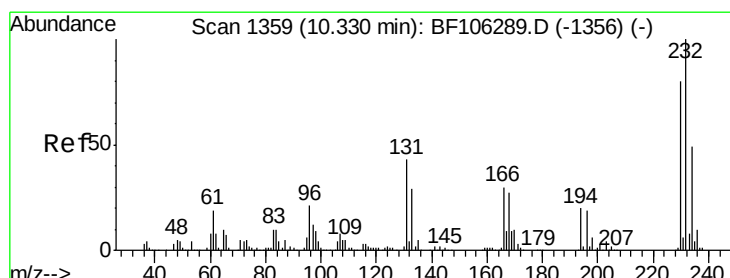
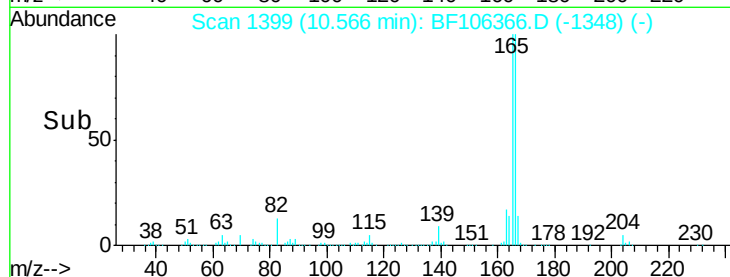
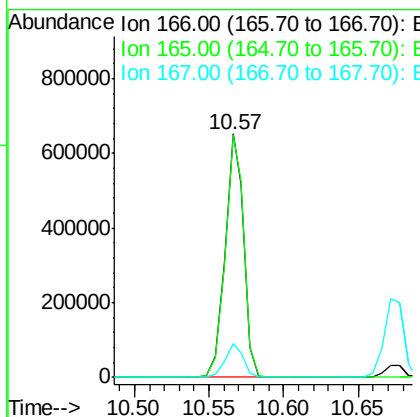
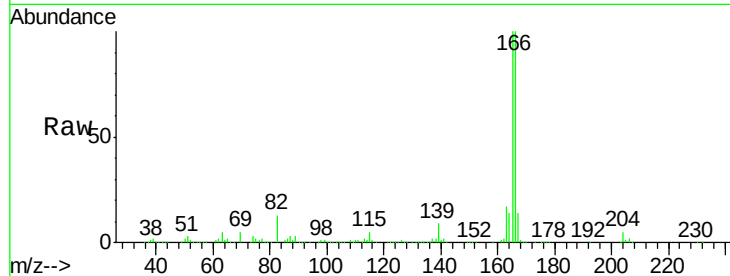
#57
 Fluorene
 Concen: 40.677 ng
 RT: 10.57 min Scan# 1399
 Delta R.T. 0.00 min
 Lab File: BF106366.D
 Acq: 13 Jun 2018 1:26

Instrument :
 BNA_F
 ClientSampleId :
 PB110114BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	570612		
165	99.7	79.8	119.8	
167	14.0	10.6	16.0	

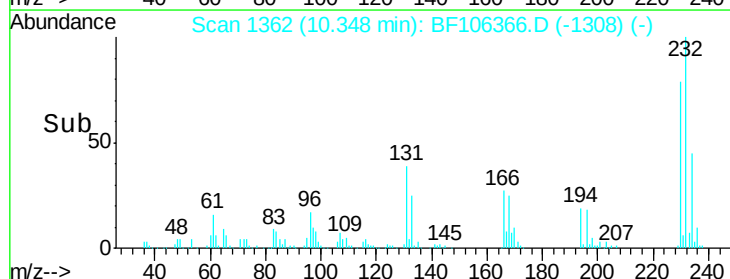
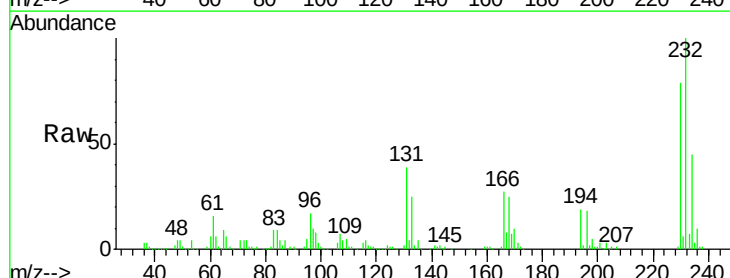
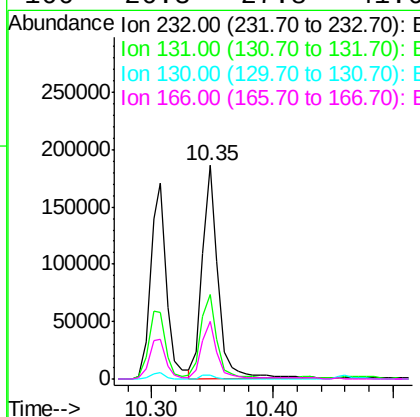
Manual Integrations
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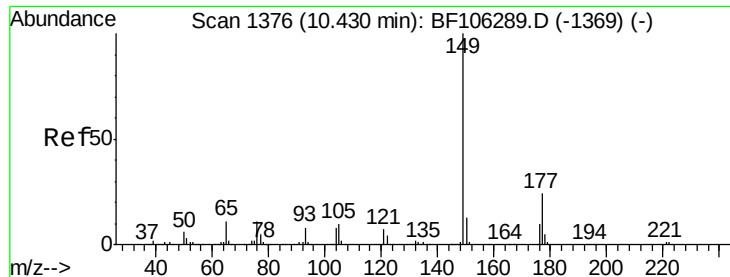
Sohil
 6/13/2018 4:56:32 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.790 ng
 RT: 10.35 min Scan# 1362
 Delta R.T. 0.02 min
 Lab File: BF106366.D
 Acq: 13 Jun 2018 1:26

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	169901		
131	40.6	43.8	65.8#	
130	1.8	2.1	3.1#	
166	26.3	27.8	41.6#	





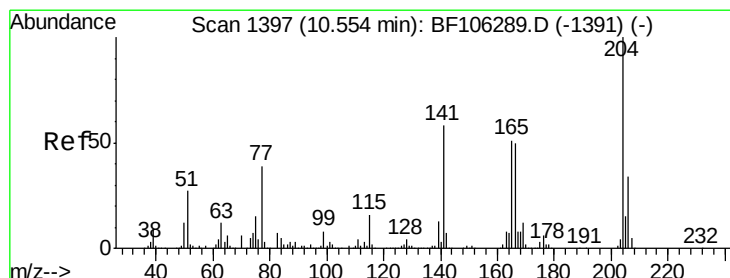
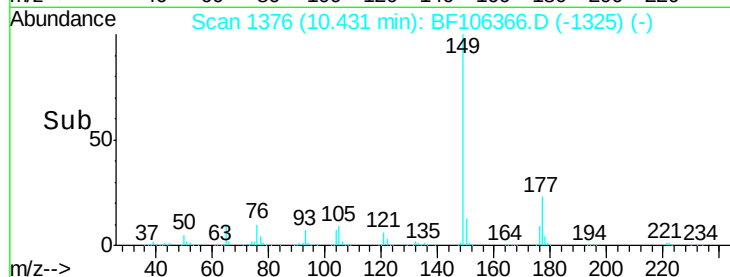
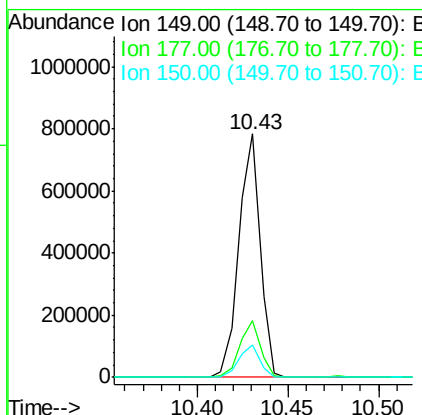
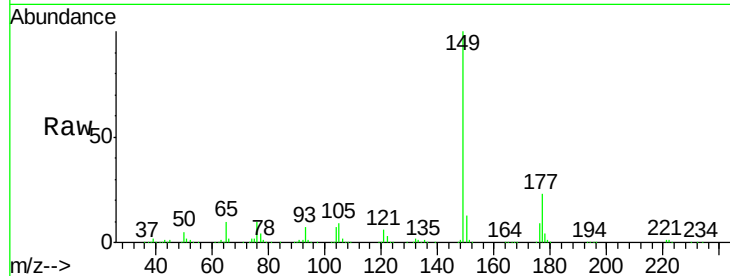
#59
Diethylphthalate
Concen: 42.130 ng
RT: 10.43 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Instrument :
BNA_F
ClientSampled :
PB110114BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	641105		
177	23.4	16.1	24.1	
150	13.3	10.1	15.1	

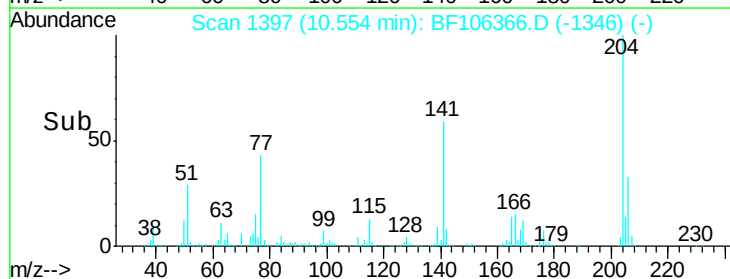
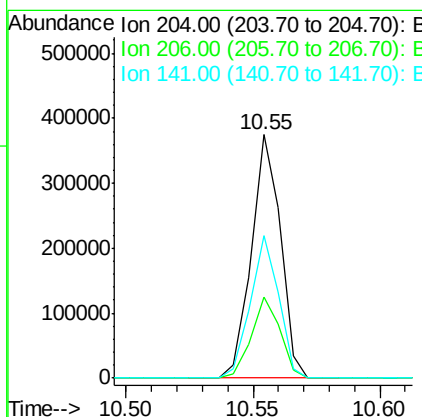
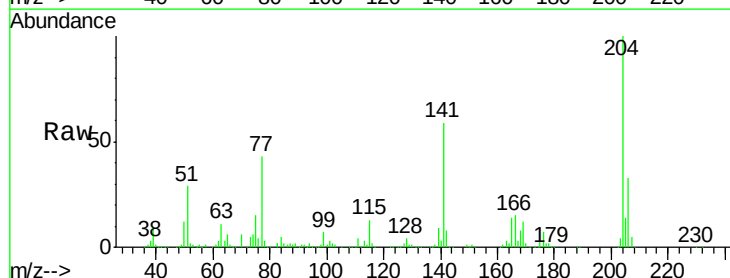
Manual Integrations
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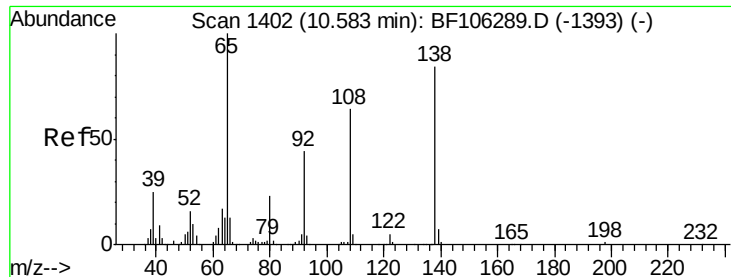
Sohil
6/13/2018 4:56:32 PM



#60
4-Chlorophenyl-phenylether
Concen: 40.551 ng
RT: 10.55 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	299196		
206	33.4	26.5	39.7	
141	58.7	54.6	81.8	





#61

4-Nitroaniline

Concen: 36.351 ng

RT: 10.58 min Scan# 1402

Delta R.T. 0.00 min

Lab File: BF106366.D

Acq: 13 Jun 2018 1:26

Instrument :

BNA_F

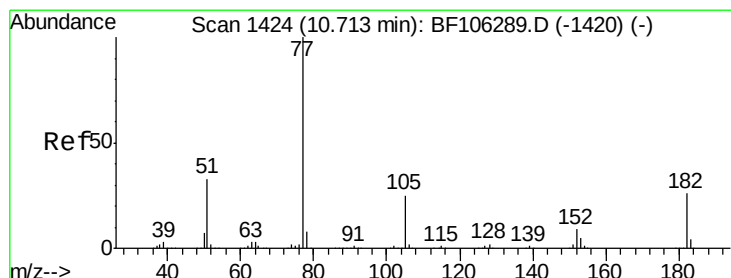
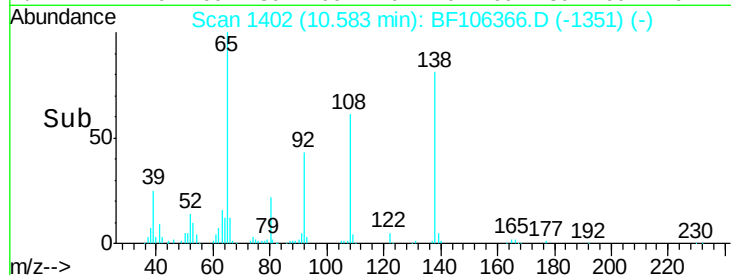
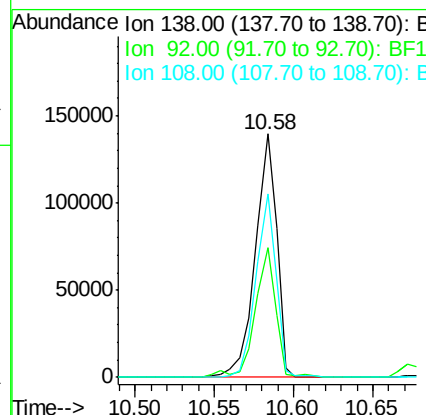
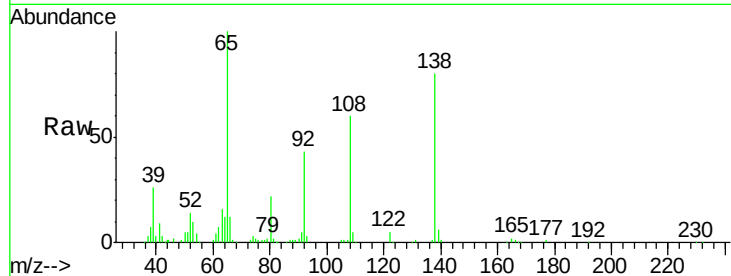
ClientSampleId :

PB110114BSD

Tot Ion:	138	Resp:	131460
Ion Ratio	Lower	Upper	
138	100		
92	53.3	30.2	70.2
108	75.3	52.5	92.5

Manual Integrations
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#62

Azobenzene

Concen: 39.149 ng

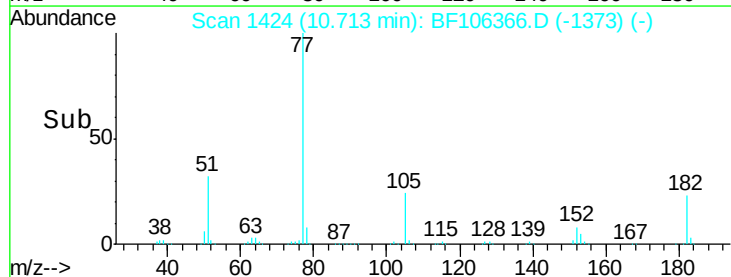
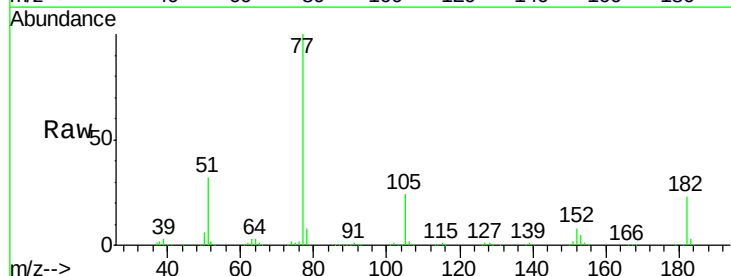
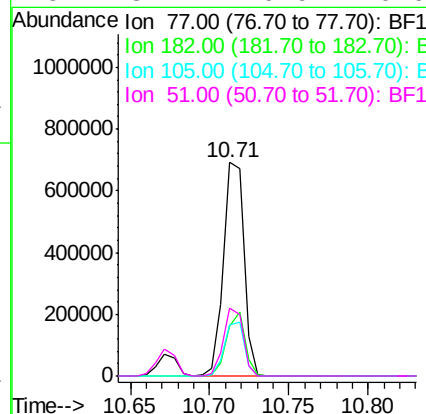
RT: 10.71 min Scan# 1424

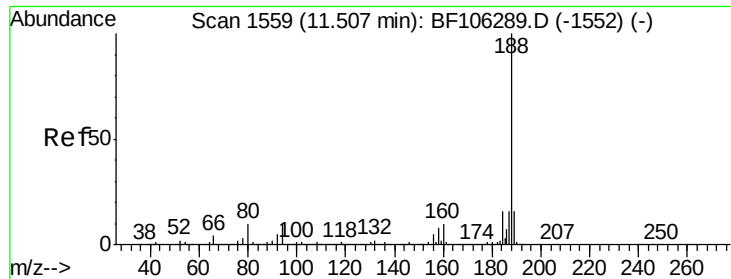
Delta R.T. 0.00 min

Lab File: BF106366.D

Acq: 13 Jun 2018 1:26

Tgt Ion:	77	Resp:	621207
Ion Ratio	Lower	Upper	
77	100		
182	23.3	1.7	41.7
105	24.2	3.0	43.0
51	31.7	9.9	49.9





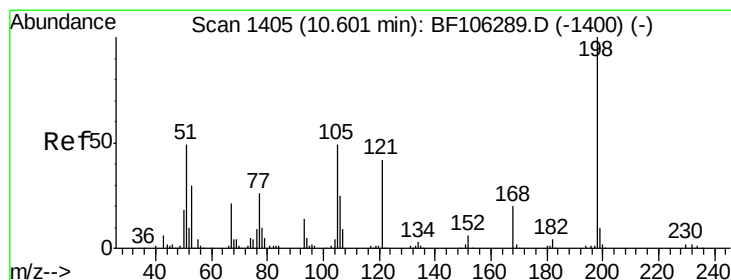
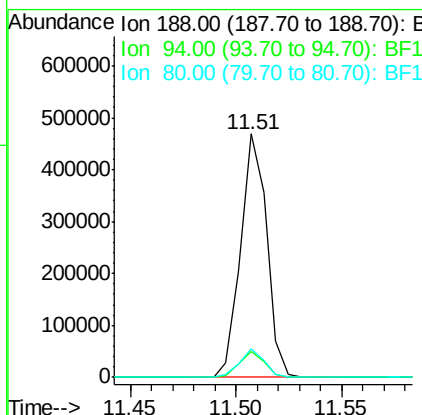
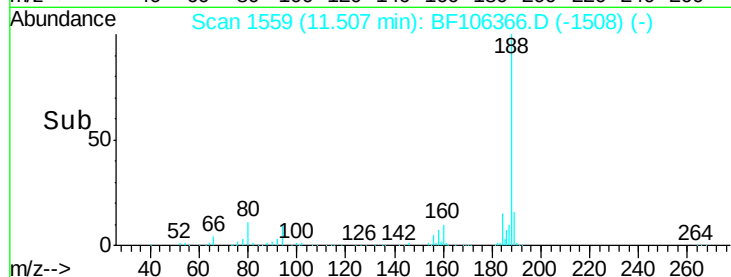
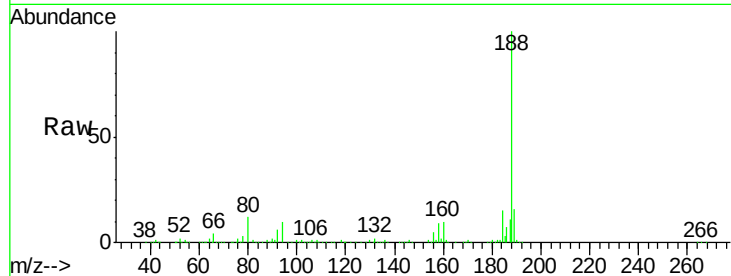
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Instrument :
BNA_F
ClientSampleId :
PB110114BSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	400304		
94	10.4		8.5	12.7
80	11.8		9.2	13.8

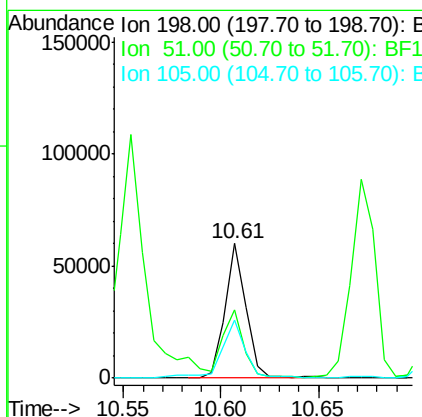
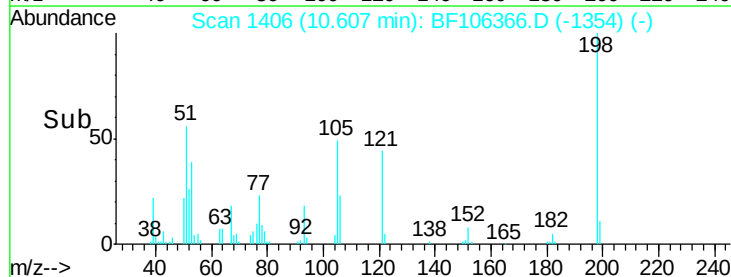
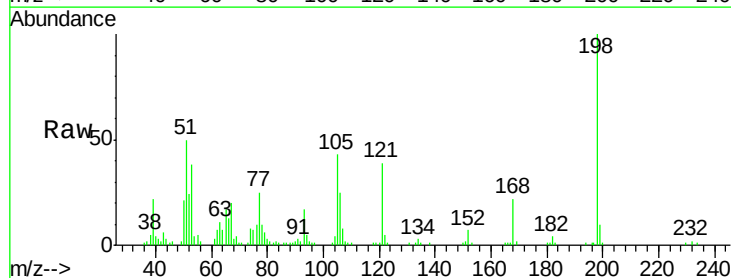
Manual Integrations
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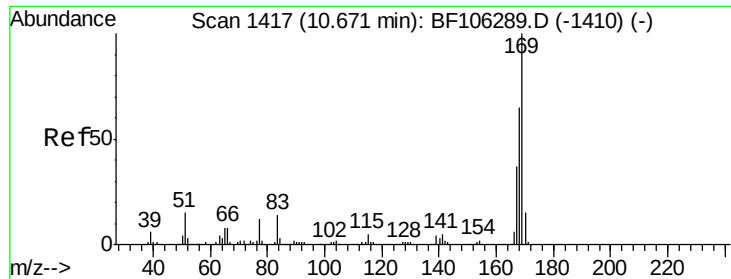
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 24.340 ng
RT: 10.61 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	44850		
51	50.5		37.7	77.7
105	43.2		36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 39.970 ng

RT: 10.67 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BF106366.D

Acq: 13 Jun 2018 1:26

Instrument :

BNA_F

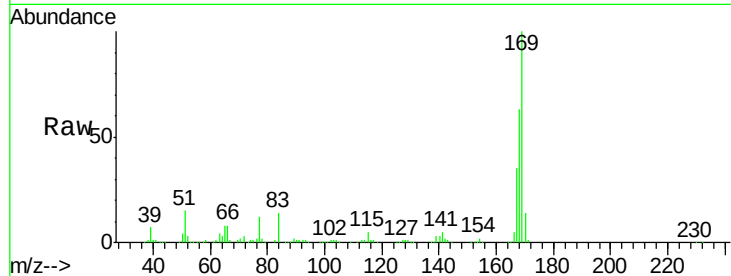
ClientSampleId :

PB110114BSD

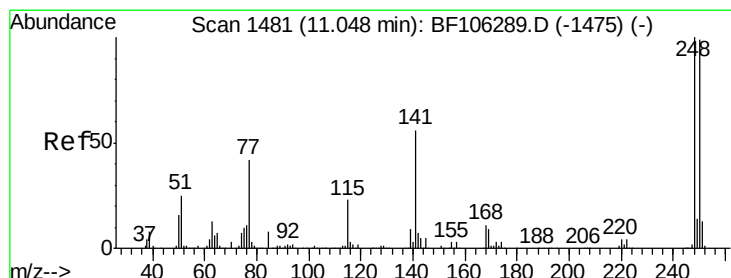
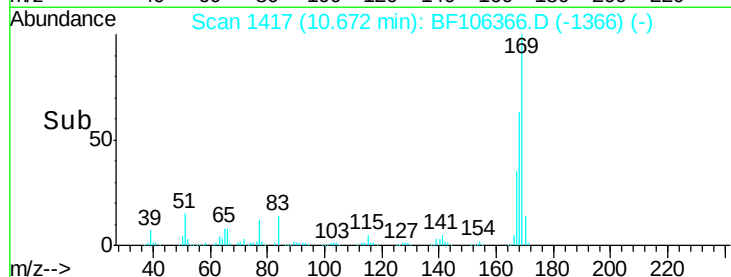
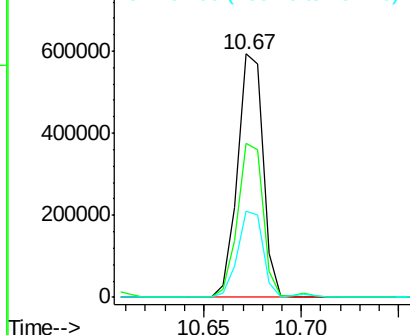
Tot Ion:	169	Resp:	537744
Ion Ratio	Lower	Upper	
169	100		
168	63.1	54.4	81.6
167	35.3	29.8	44.6

Manual Integrations
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 43.228 ng

RT: 11.05 min Scan# 1481

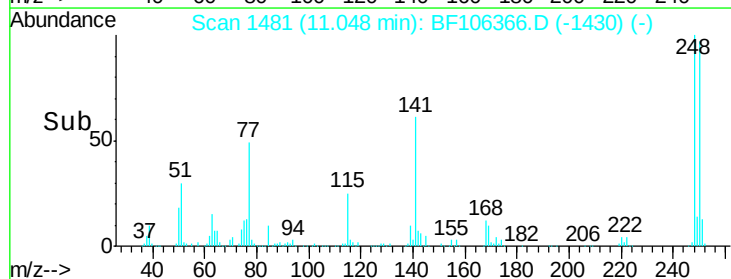
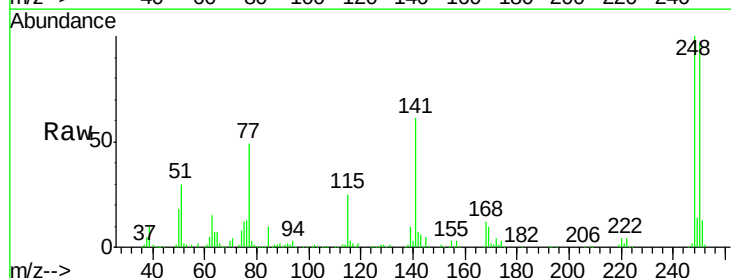
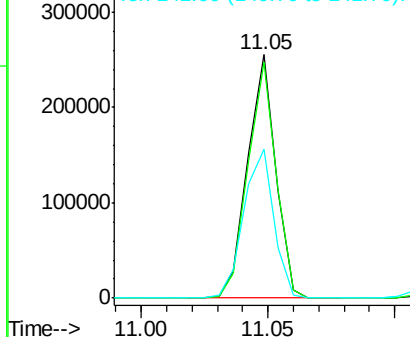
Delta R.T. 0.00 min

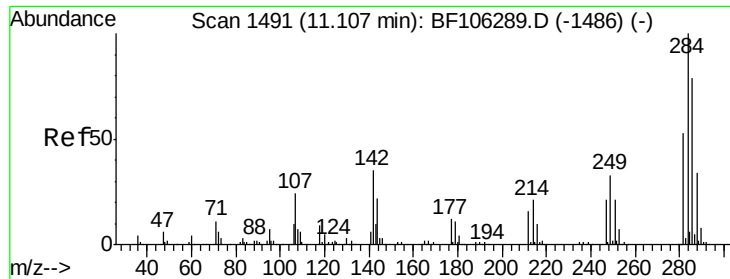
Lab File: BF106366.D

Acq: 13 Jun 2018 1:26

Tgt Ion:	248	Resp:	196816
Ion Ratio	Lower	Upper	
248	100		
250	96.9	76.9	115.3
141	61.3	74.4	111.6#

Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





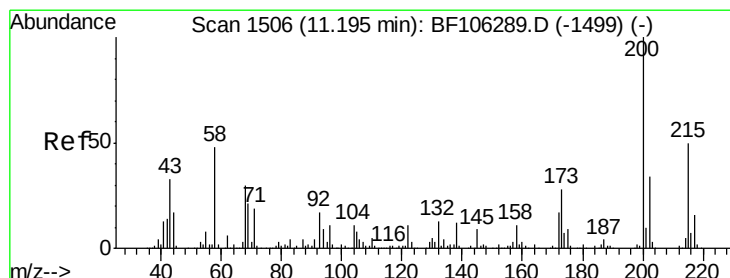
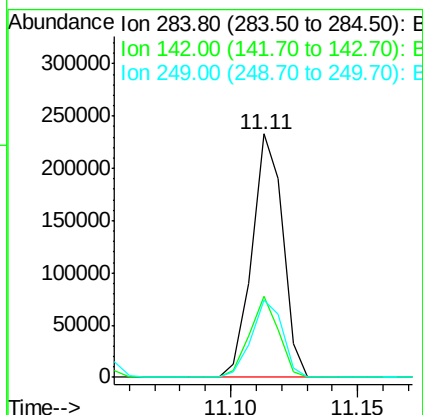
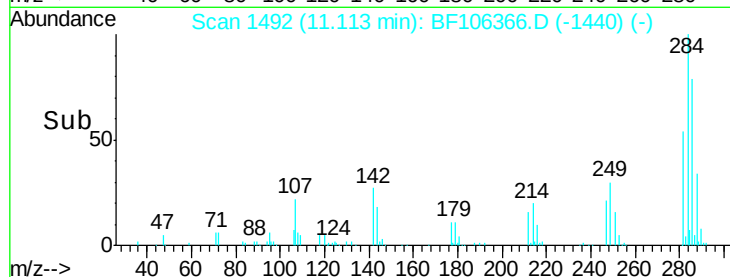
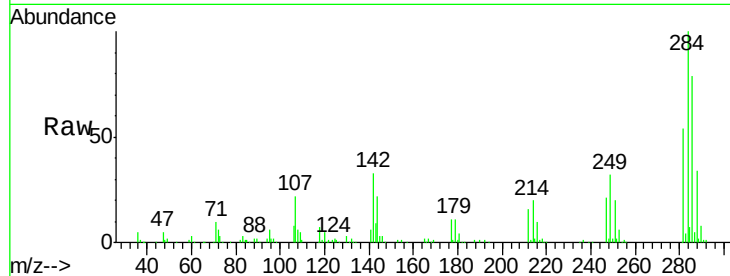
#67
Hexachlorobenzene
Concen: 42.086 ng
RT: 11.11 min Scan# 1492
Delta R.T. 0.01 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Instrument :
BNA_F
ClientSampleId :
PB110114BSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	197547		
142	33.1	34.6	52.0#	
249	31.6	24.8	37.2	

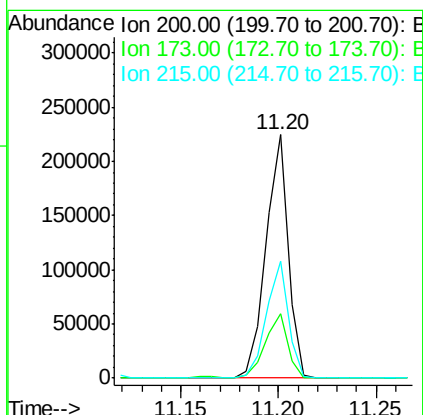
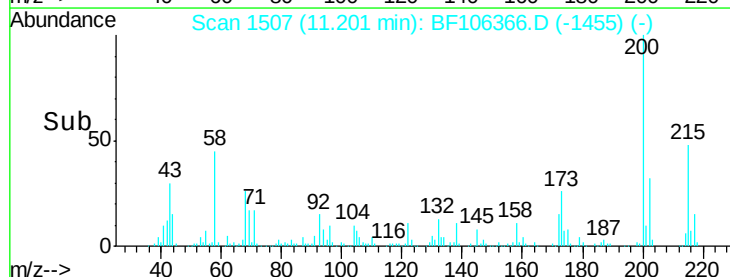
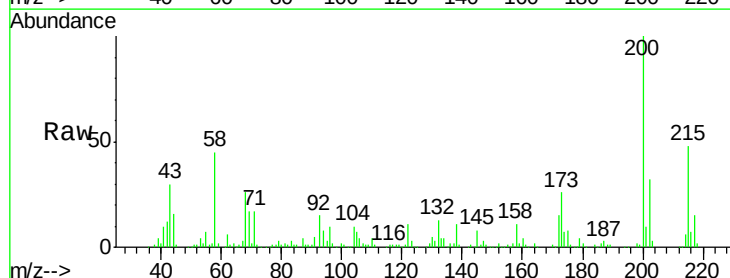
Manual Integrations
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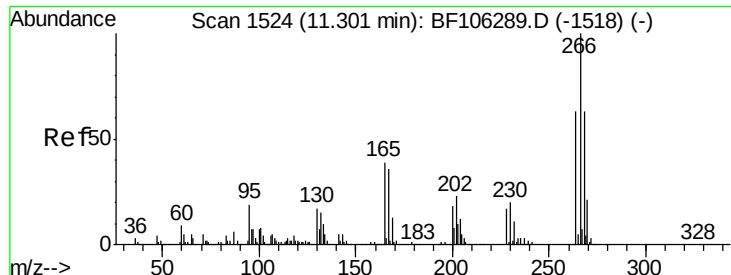
Sohil
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#68
Atrazine
Concen: 42.899 ng
RT: 11.20 min Scan# 1507
Delta R.T. 0.01 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	177861		
173	26.3	8.6	48.6	
215	47.8	25.1	65.1	





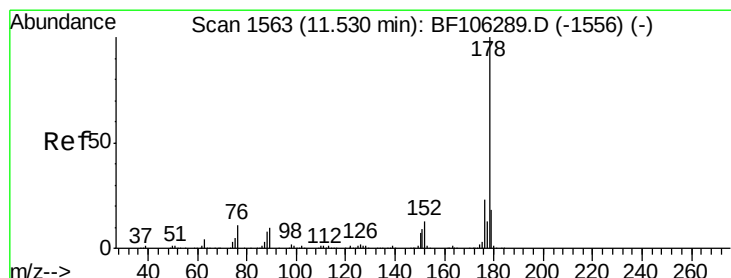
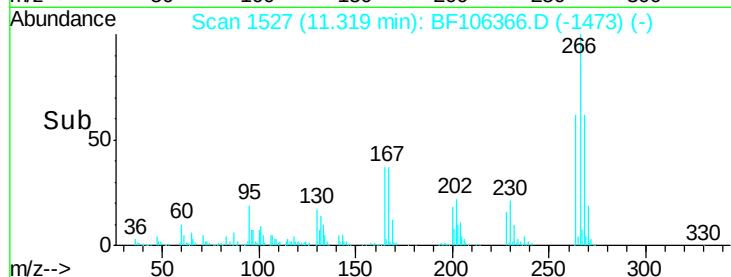
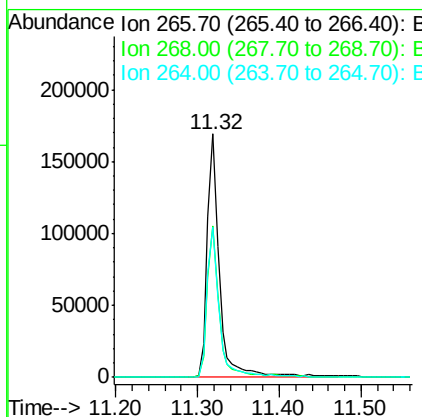
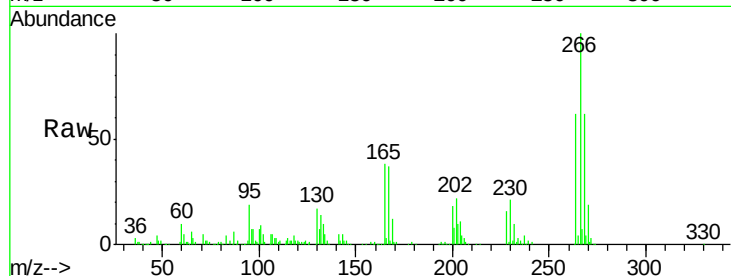
#69
 Pentachlorophenol
 Concen: 61.925 ng
 RT: 11.32 min Scan# 1527
 Delta R.T. 0.02 min
 Lab File: BF106366.D
 Acq: 13 Jun 2018 1:26

Instrument :
 BNA_F
 ClientSampleId :
 PB110114BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	178957		
268	62.4	51.1	76.7	
264	61.9	49.5	74.3	

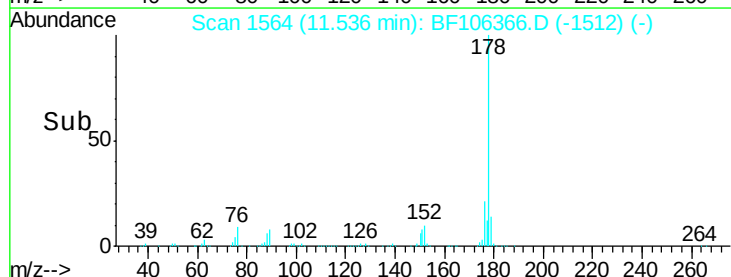
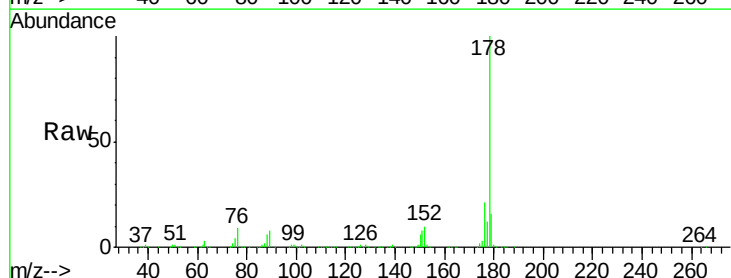
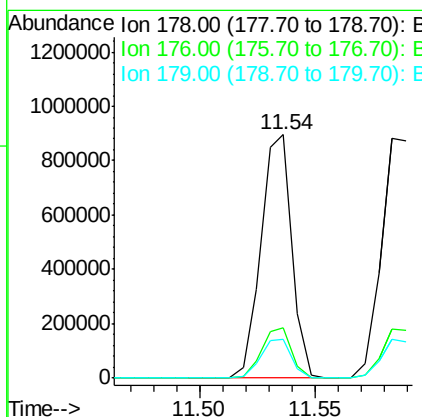
Manual Integrations
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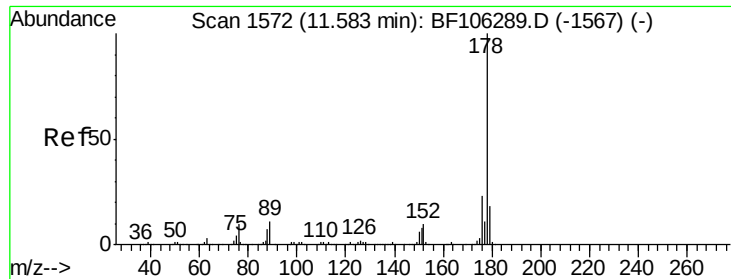
Sohil
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#70
 Phenanthrene
 Concen: 42.589 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. 0.01 min
 Lab File: BF106366.D
 Acq: 13 Jun 2018 1:26

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	834931		
176	20.7	15.8	23.8	
179	16.0	13.0	19.6	





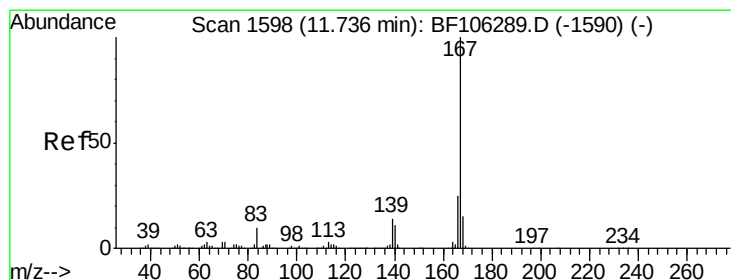
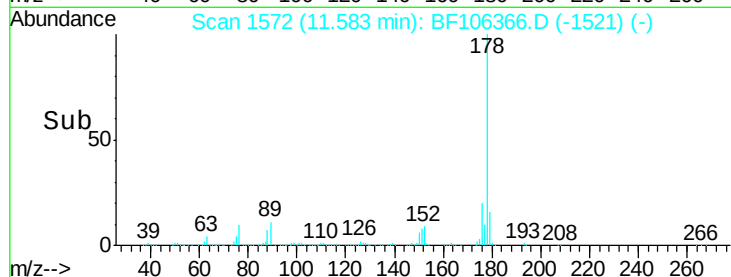
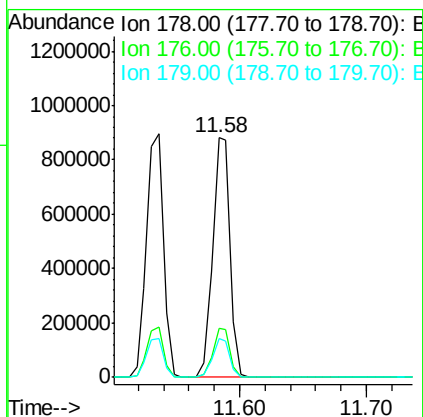
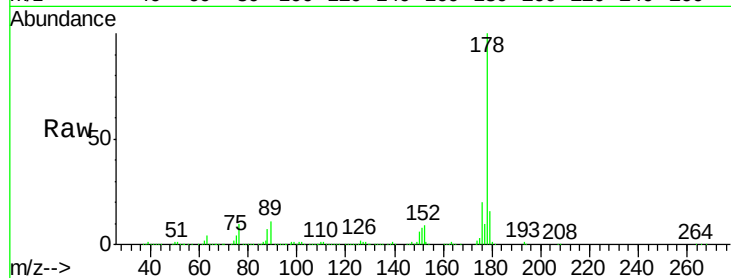
#71
 Anthracene
 Concen: 43.470 ng
 RT: 11.58 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF106366.D
 Acq: 13 Jun 2018 1:26

Instrument :
 BNA_F
 ClientSampleId :
 PB110114BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.4	23.2
179	16.4	12.6	19.0

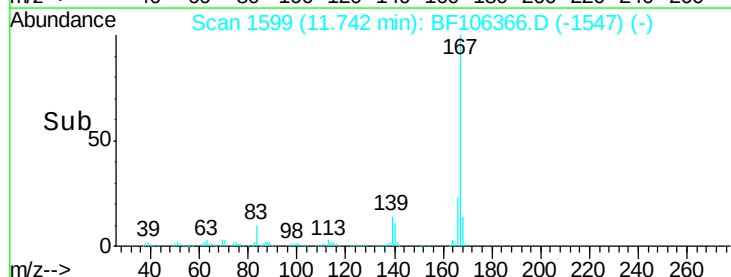
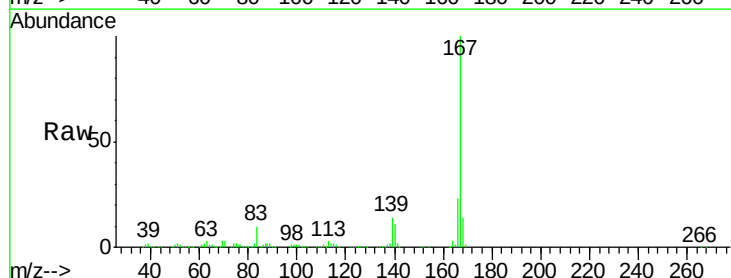
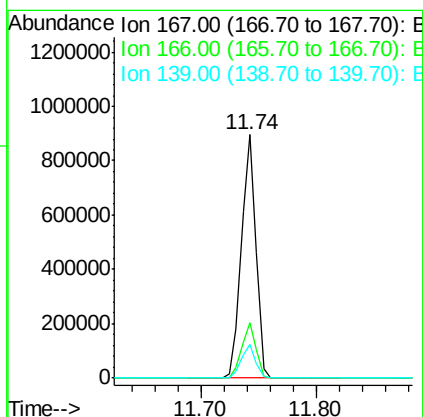
Manual Integrations
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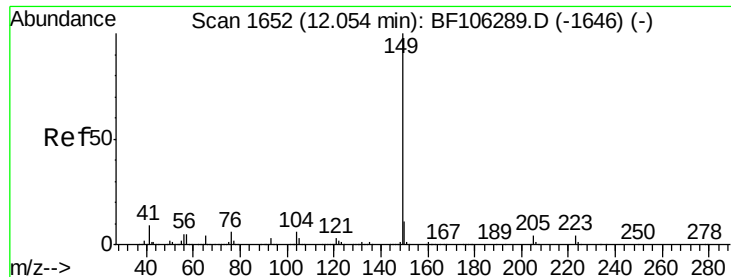
Sohil
 6/13/2018 4:56:32 PM



#72
 Carbazole
 Concen: 43.154 ng
 RT: 11.74 min Scan# 1599
 Delta R.T. 0.01 min
 Lab File: BF106366.D
 Acq: 13 Jun 2018 1:26

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.0	17.6	26.4
139	14.1	10.9	16.3





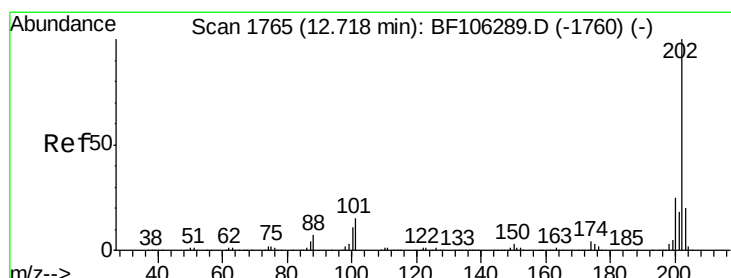
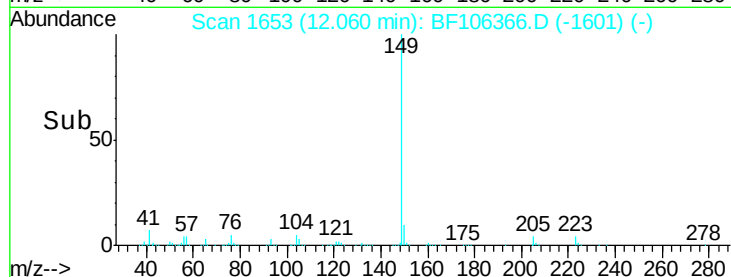
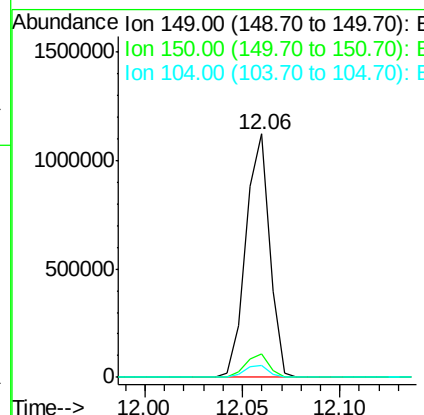
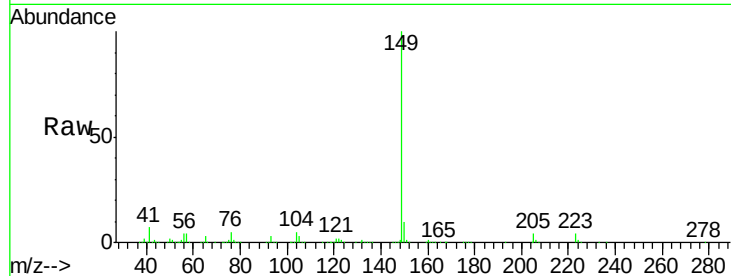
#73
Di-n-butylphthalate
Concen: 46.864 ng
RT: 12.06 min Scan# 1653
Delta R.T. 0.01 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Instrument :
BNA_F
ClientSampled :
PB110114BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	945721		
150	9.7		7.8	11.6
104	5.0		3.8	5.8

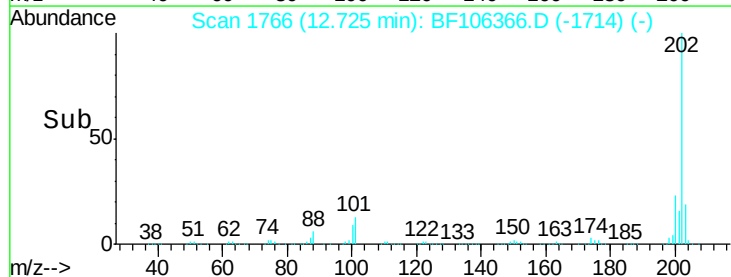
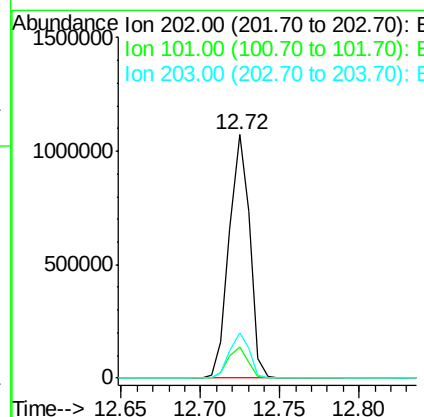
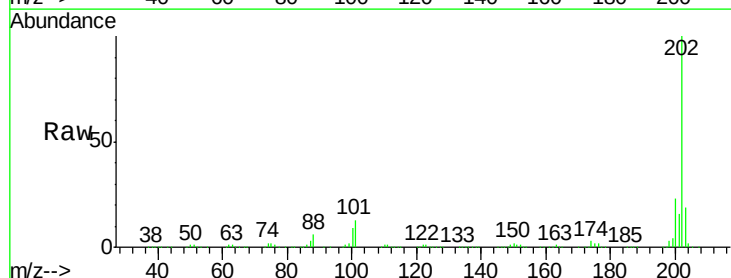
Manual Integrations
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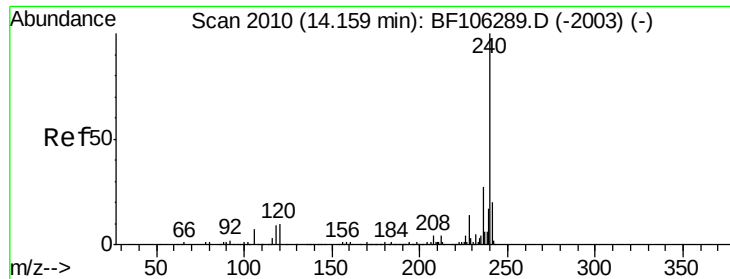
Sohil
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#74
Fluoranthene
Concen: 45.947 ng
RT: 12.72 min Scan# 1766
Delta R.T. 0.01 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	960625		
101	12.8		0.0	34.1
203	18.8		0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BF106366.D

Acq: 13 Jun 2018 1:26

Instrument :

BNA_F

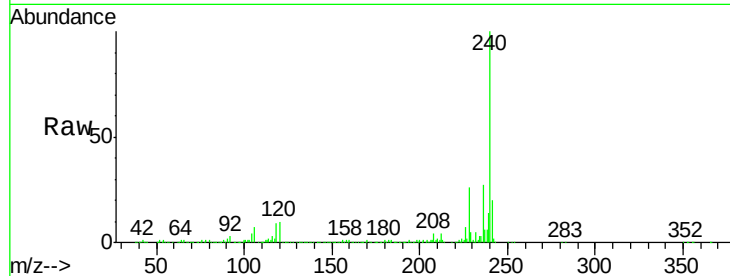
ClientSampleId :

PB110114BSD

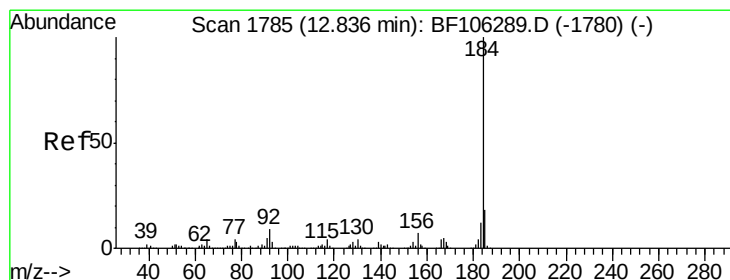
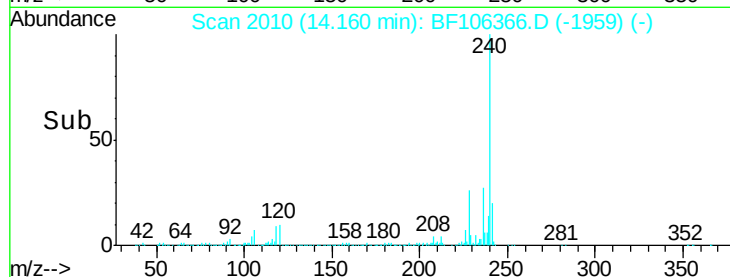
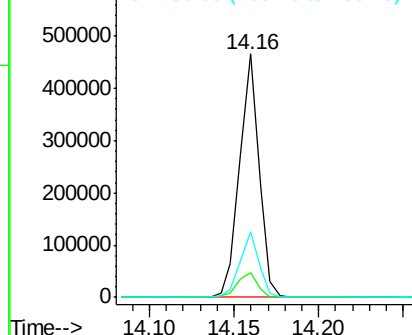
Tot Ion:	240	Resp:	374257
Ion Ratio	Lower	Upper	
240	100		
120	10.2	9.5	14.3
236	26.9	20.7	31.1

Manual Integrations
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 59.975 ng

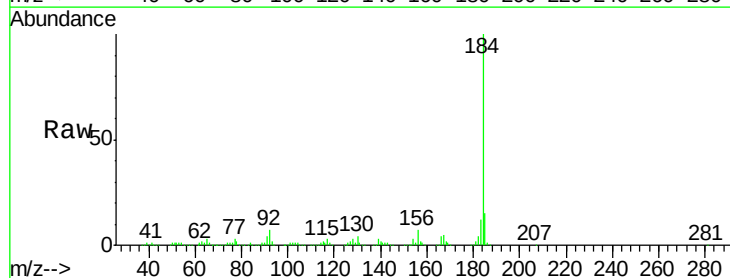
RT: 12.85 min Scan# 1787

Delta R.T. 0.01 min

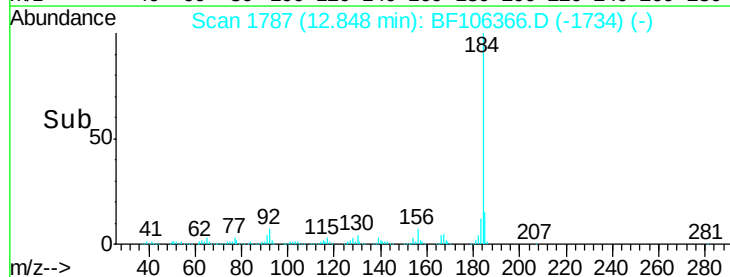
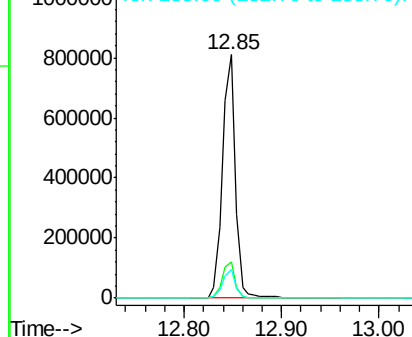
Lab File: BF106366.D

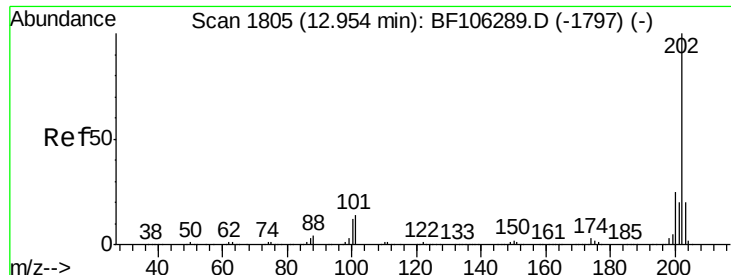
Acq: 13 Jun 2018 1:26

Tgt Ion:	184	Resp:	747033
Ion Ratio	Lower	Upper	
184	100		
185	15.1	12.6	18.8
183	11.8	9.3	13.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





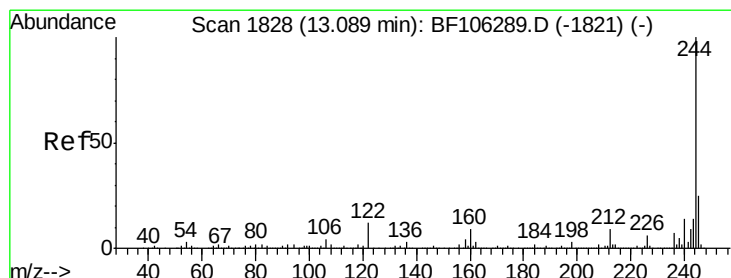
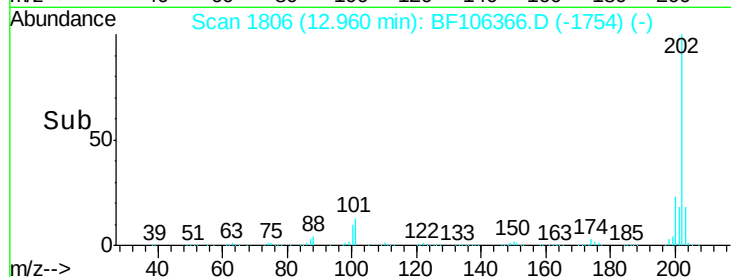
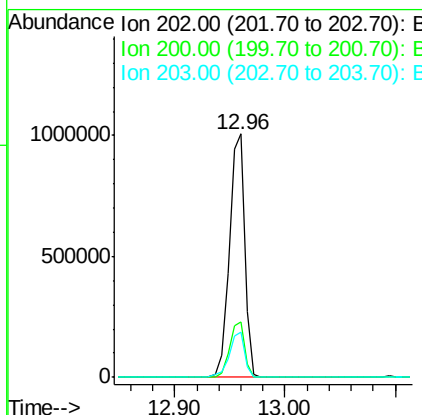
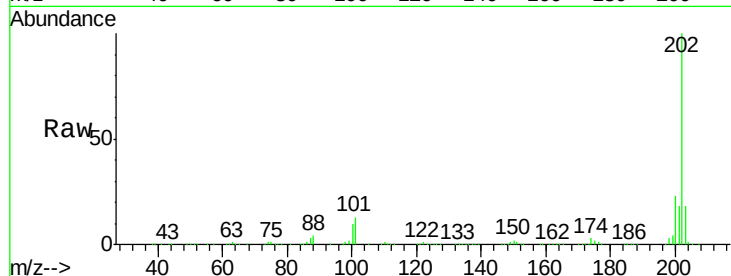
#77
Pvrene
Concen: 41.983 ng
RT: 12.96 min Scan# 1806
Delta R.T. 0.01 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Instrument :
BNA_F
ClientSampleId :
PB110114BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.6	17.4	26.2
203	18.5	14.3	21.5

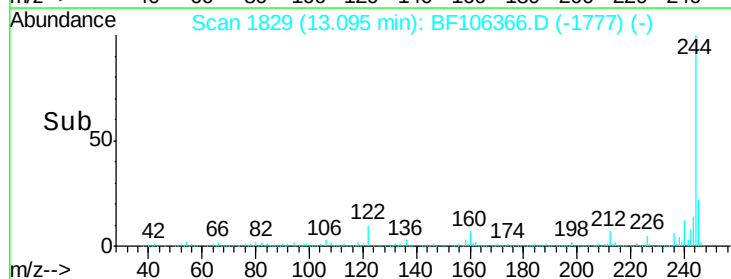
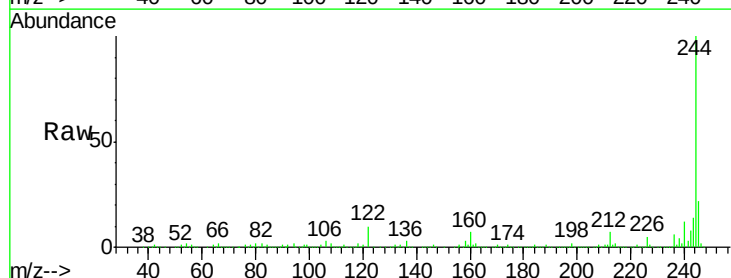
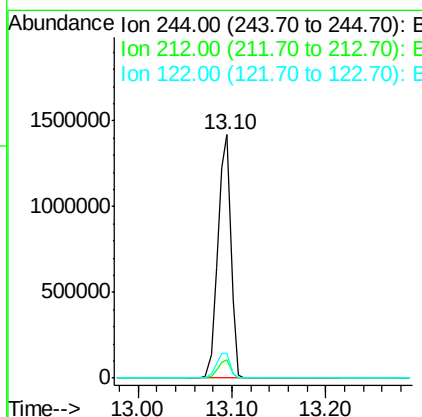
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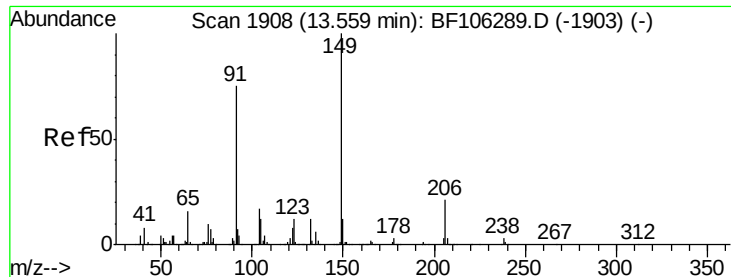
Sohil
6/13/2018 4:56:32 PM



#78
Terphenyl-d14
Concen: 91.823 ng
RT: 13.10 min Scan# 1829
Delta R.T. 0.01 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	10.1	11.0	16.4#





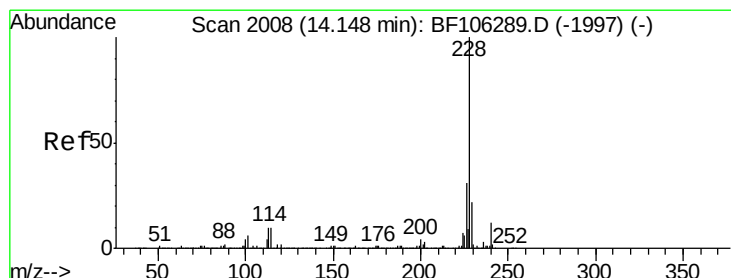
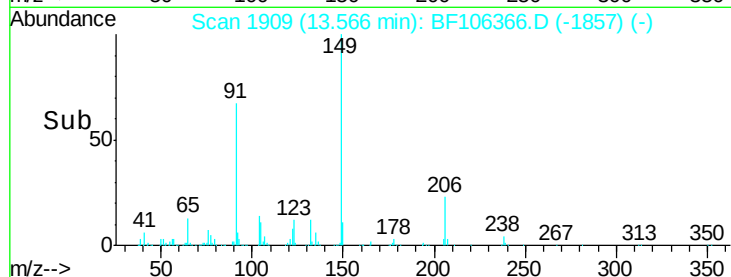
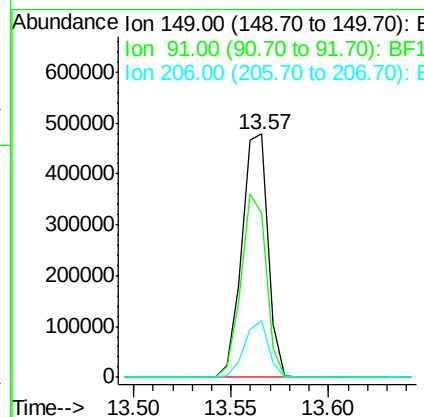
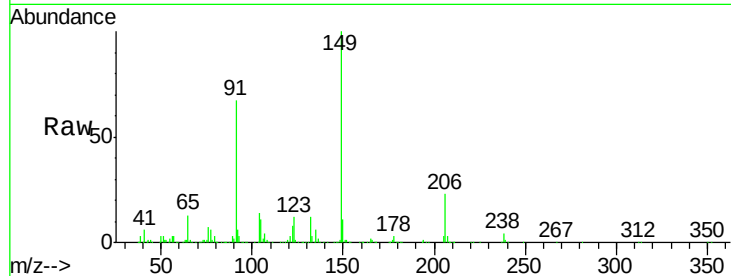
#79
Butylbenzylphthalate
Concen: 50.677 ng
RT: 13.57 min Scan# 1909
Delta R.T. 0.01 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Instrument :
BNA_F
ClientSampleId :
PB110114BSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	67.3	56.8	85.2
206	23.2	14.1	21.1

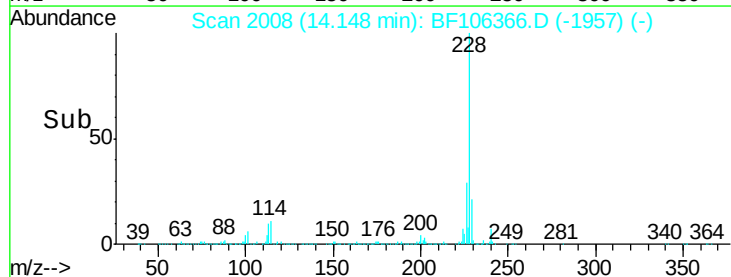
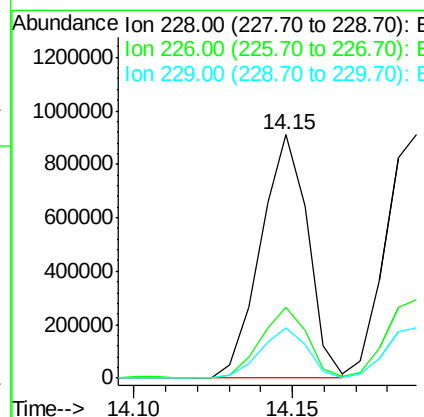
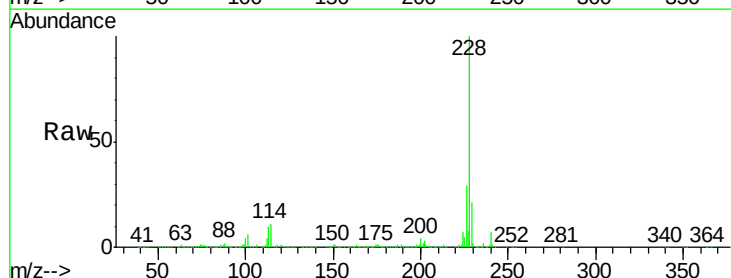
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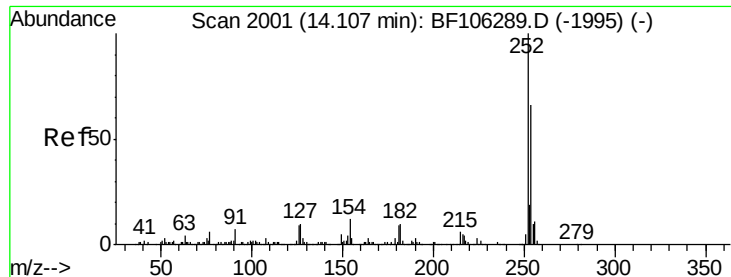
Sohil
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#80
Benzo(a)anthracene
Concen: 42.213 ng
RT: 14.15 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.6	33.8
229	20.7	15.8	23.6





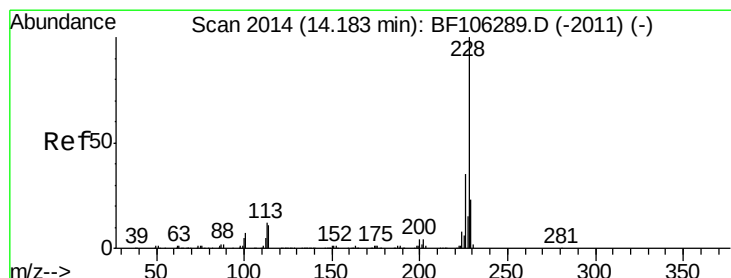
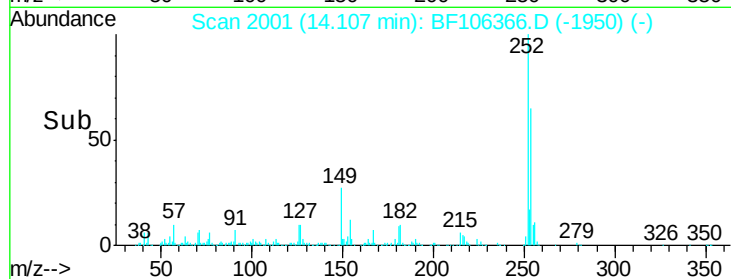
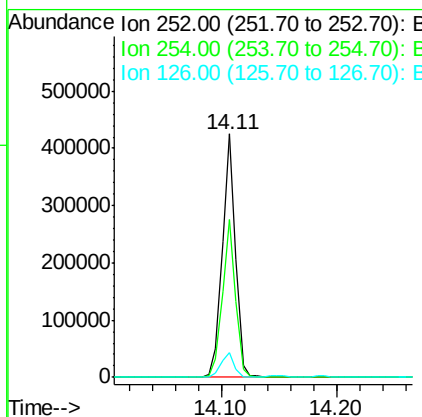
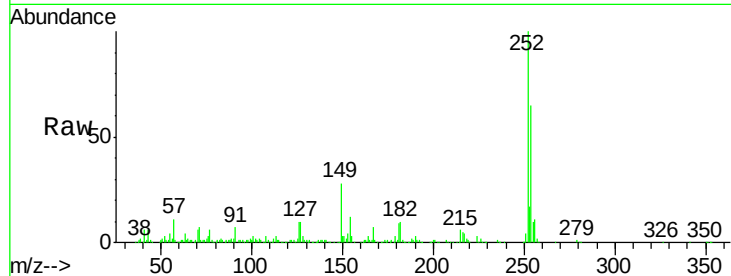
#81
 3,3'-Dichlorobenzidine
 Concen: 45.073 ng
 RT: 14.11 min Scan# 2001
 Delta R.T. 0.00 min
 Lab File: BF106366.D
 Acq: 13 Jun 2018 1:26

Instrument :
 BNA_F
 ClientSampleId :
 PB110114BSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.7	50.4	75.6
126	10.2	11.3	16.9

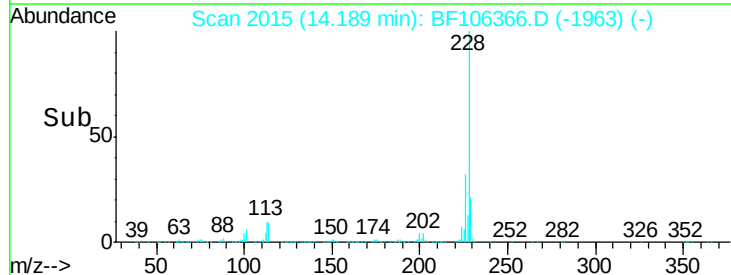
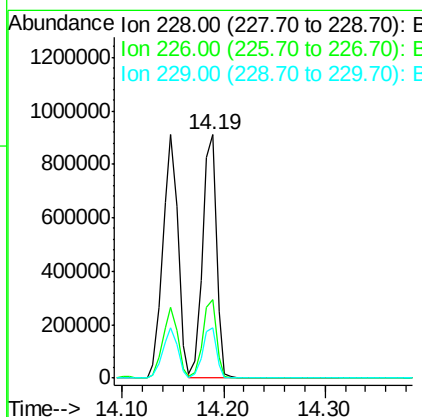
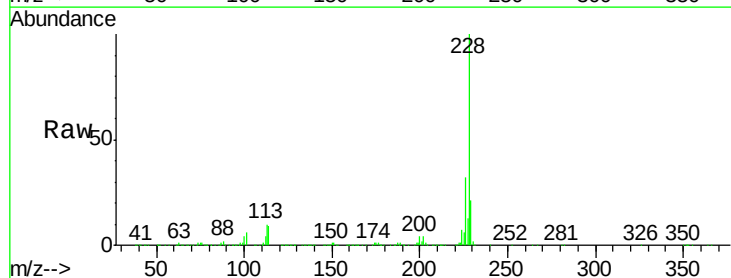
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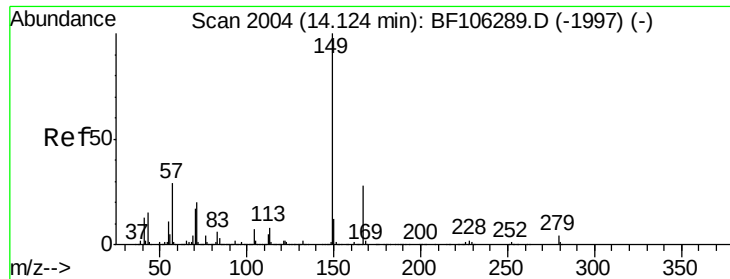
Sohil
 6/13/2018 4:56:32 PM



#82
 Chrysene
 Concen: 42.699 ng
 RT: 14.19 min Scan# 2015
 Delta R.T. 0.01 min
 Lab File: BF106366.D
 Acq: 13 Jun 2018 1:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.5	25.0	37.6
229	20.6	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.197 ng

RT: 14.12 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF106366.D

Acq: 13 Jun 2018 1:26

Instrument :

BNA_F

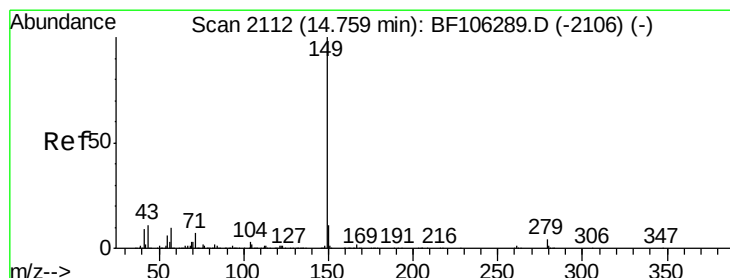
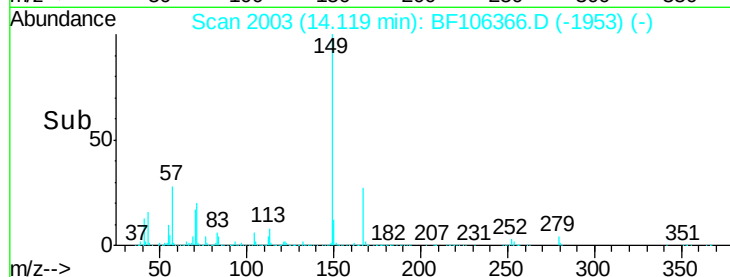
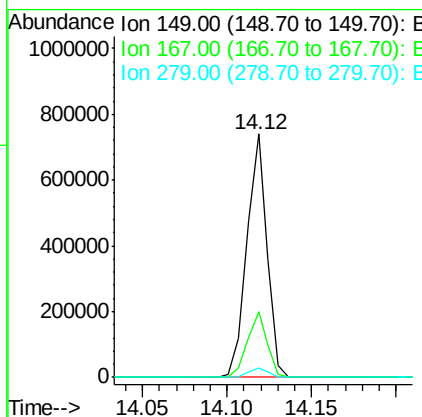
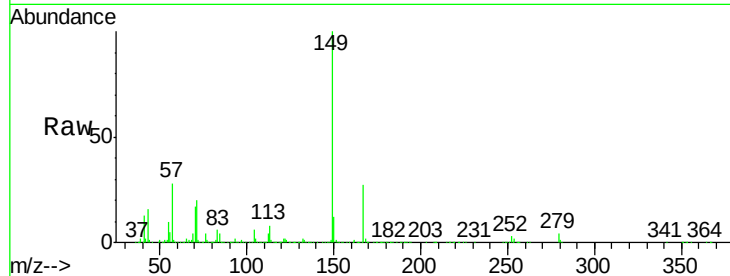
ClientSampleId :

PB110114BSD

Tot Ion:	149	Resp:	618685
Ion Ratio	Lower	Upper	
149	100		
167	26.9	21.3	31.9
279	4.0	3.0	4.4

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 57.194 ng

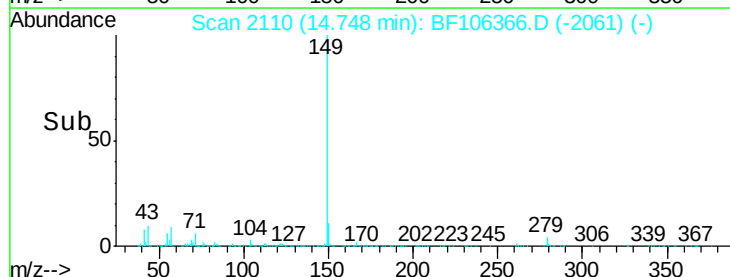
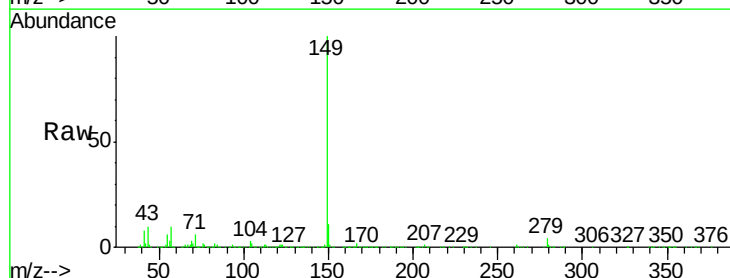
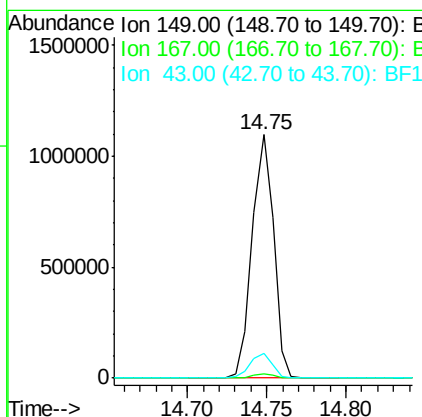
RT: 14.75 min Scan# 2110

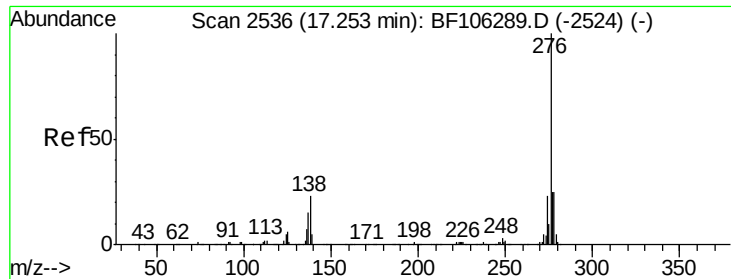
Delta R.T. -0.01 min

Lab File: BF106366.D

Acq: 13 Jun 2018 1:26

Tgt Ion:	149	Resp:	1036914
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.2	1.8
43	10.1	8.4	12.6





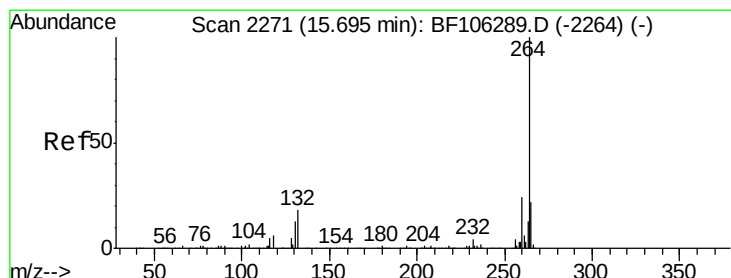
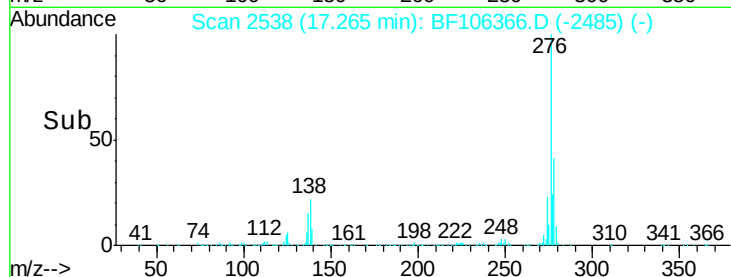
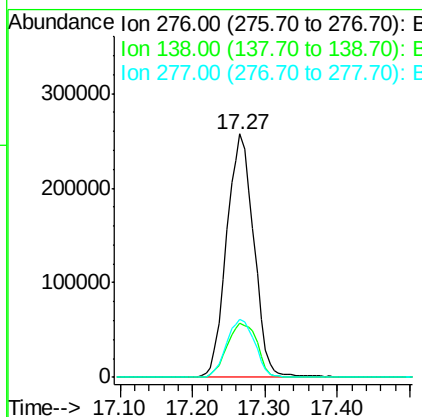
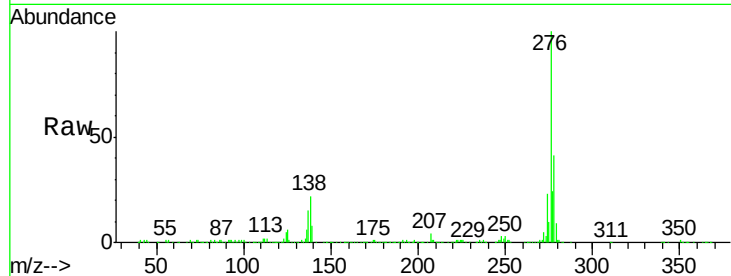
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.378 ng
 RT: 17.27 min Scan# 2538
 Delta R.T. 0.01 min
 Lab File: BF106366.D
 Acq: 13 Jun 2018 1:26

Instrument :
 BNA_F
 ClientSampleId :
 PB110114BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.7	25.0	37.6#
277	24.8	20.1	30.1

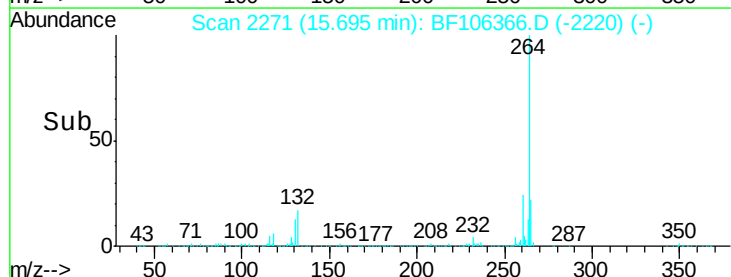
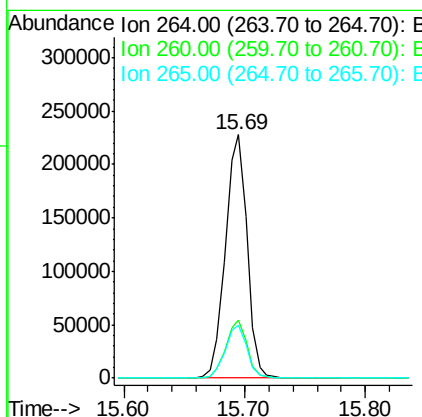
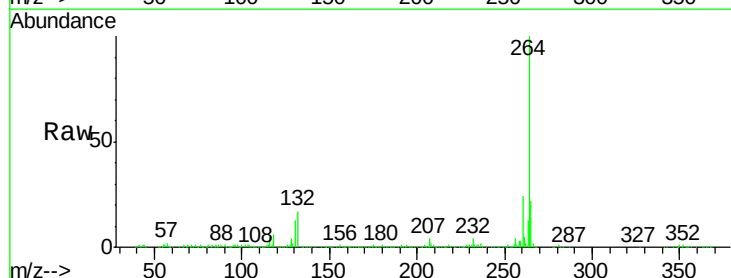
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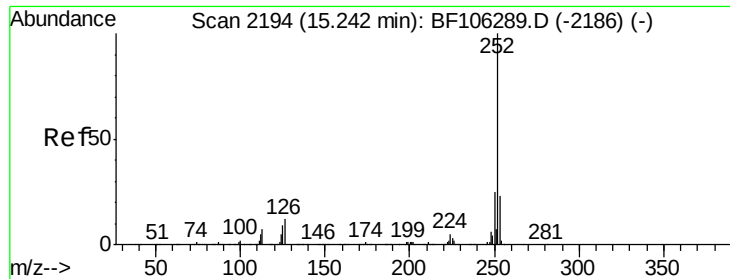
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: BF106366.D
 Acq: 13 Jun 2018 1:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.9	17.5	26.3





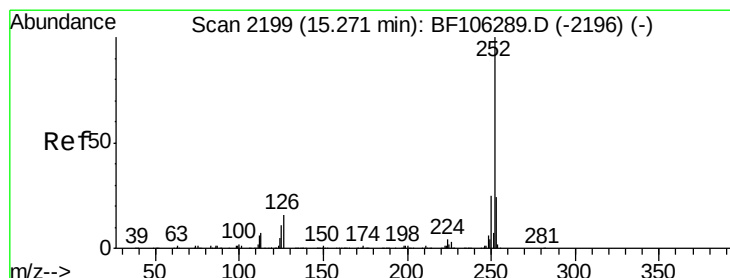
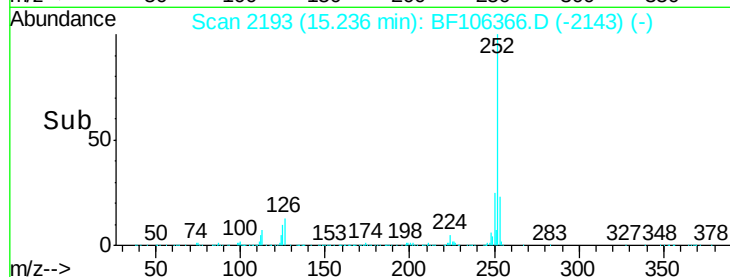
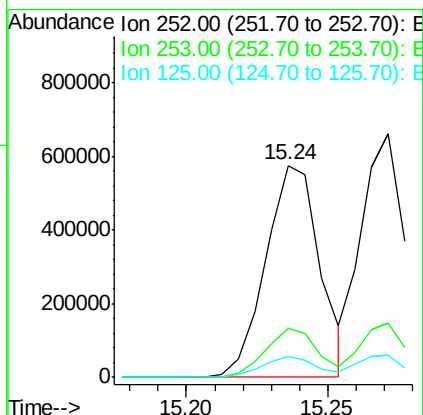
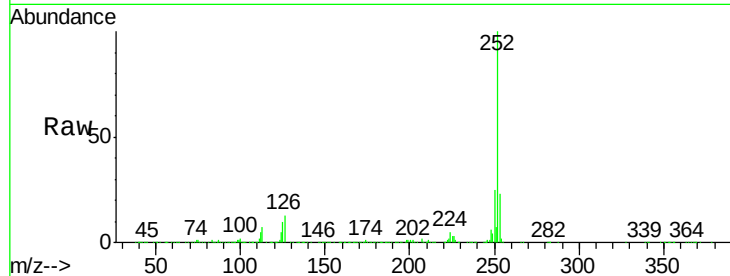
#87
Benzo(b)fluoranthene
Concen: 44.677 ng
RT: 15.24 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Instrument :
BNA_F
ClientSampled :
PB110114BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	765575		
253	22.9		17.0	25.6
125	9.8		9.0	13.6

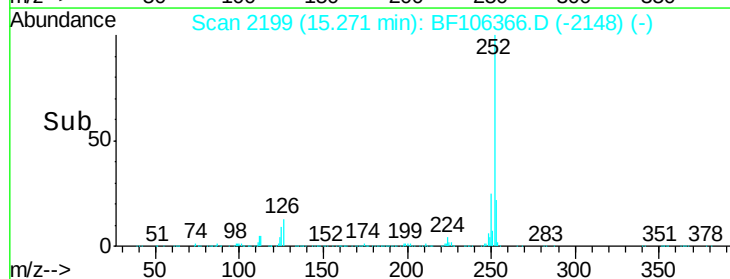
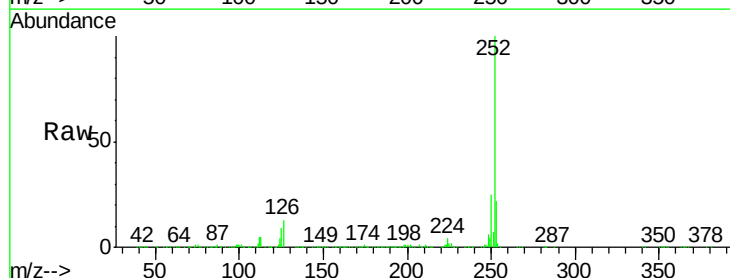
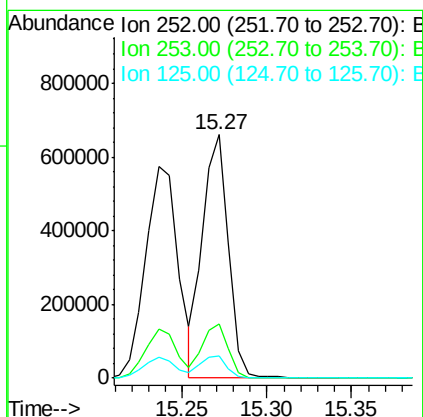
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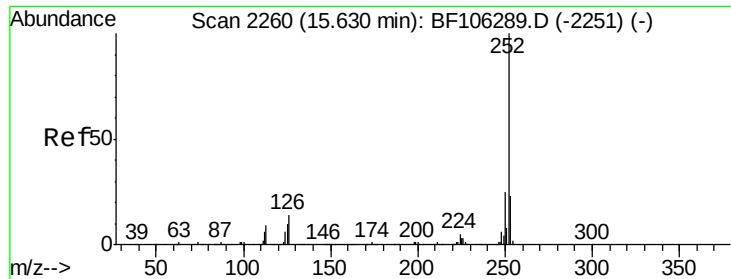
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#88
Benzo(k)fluoranthene
Concen: 41.468 ng
RT: 15.27 min Scan# 2199
Delta R.T. 0.00 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	703745		
253	22.4		17.9	26.9
125	8.9		10.2	15.2#





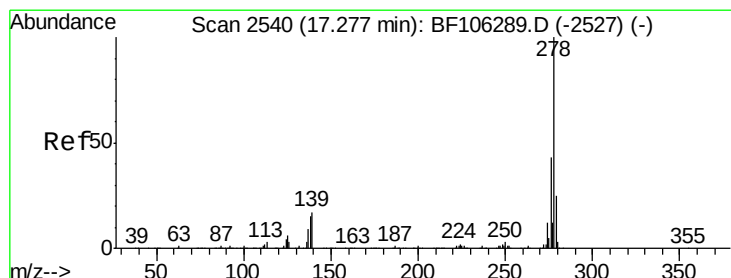
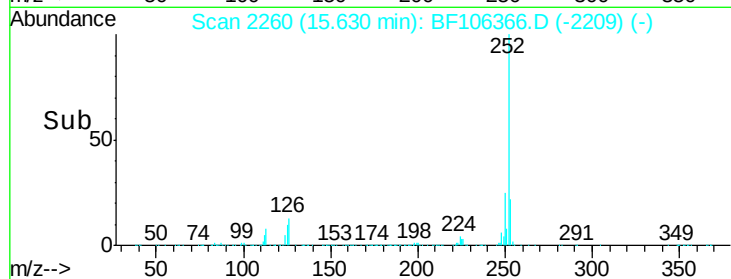
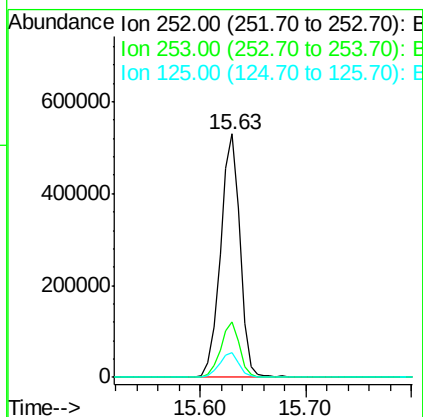
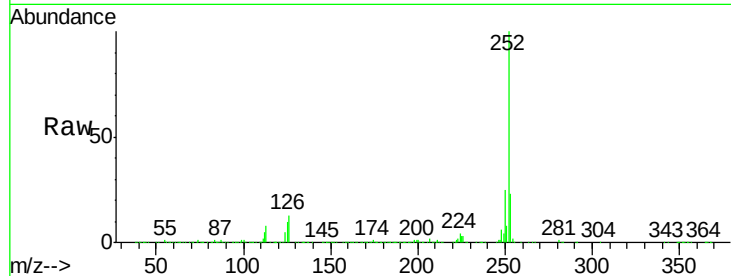
#89
Benzo(a)pyrene
Concen: 44.257 ng
RT: 15.63 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Instrument :
BNA_F
ClientSampleId :
PB110114BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	10.0	9.8	14.6

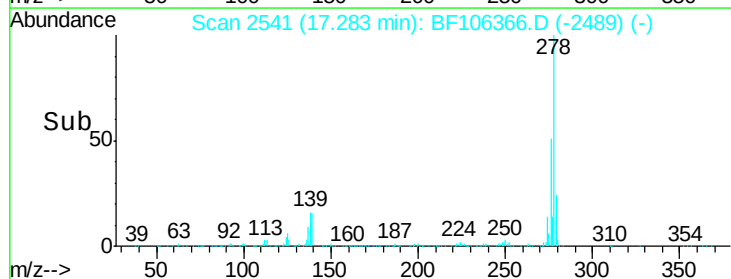
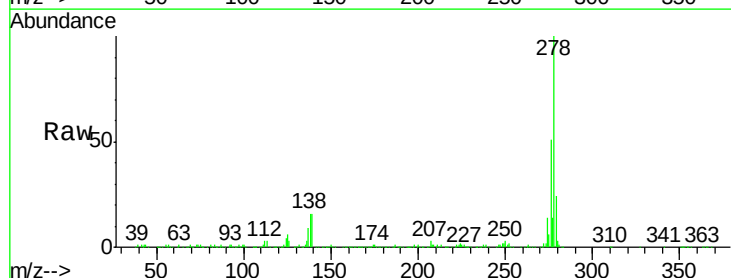
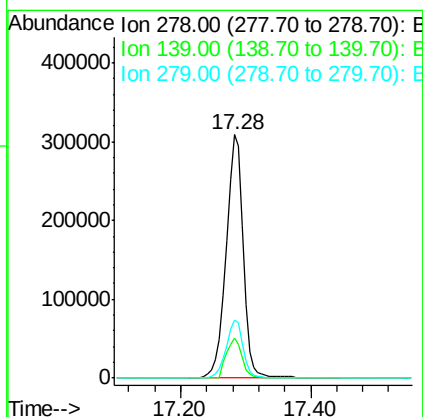
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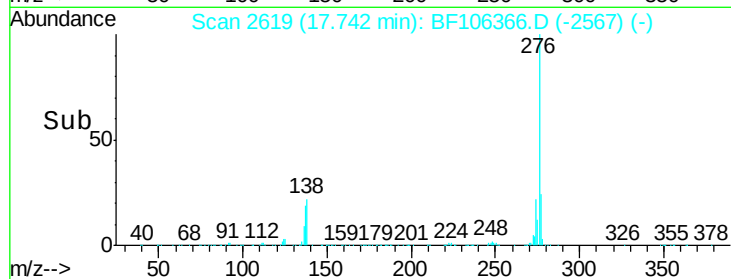
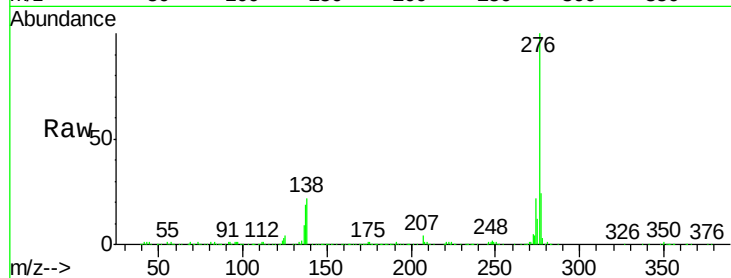
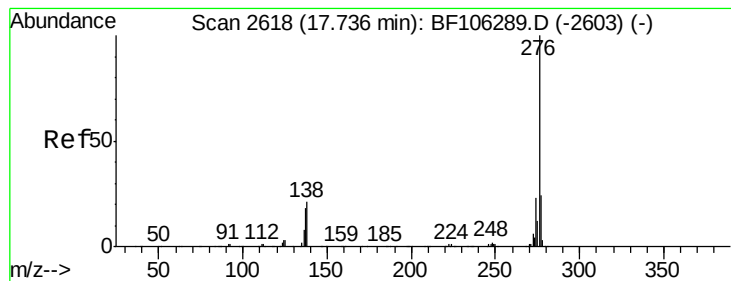
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#90
Dibenzo(a,h)anthracene
Concen: 43.947 ng
RT: 17.28 min Scan# 2541
Delta R.T. 0.01 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.5	15.9	23.9
279	24.1	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 43.225 ng

RT: 17.74 min Scan# 2619

Delta R.T. 0.01 min

Lab File: BF106366.D

Acq: 13 Jun 2018 1:26

Tot Ion:	276	Resp:	539782
Ion Ratio	Lower	Upper	
276	100		
277	23.8	17.9	26.9
138	22.2	21.8	32.8

Instrument :

BNA_F

ClientSampleId :

PB110114BSD

Manual Integrations
APPROVED

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6/13/2018 4:56:32 PM

